



**VILLAGE OF LINCOLNWOOD
PRESIDENT AND BOARD OF TRUSTEES
COMMITTEE OF THE WHOLE MEETING
VILLAGE HALL COUNCIL CHAMBERS
6:00 P.M., JUNE 3, 2014**

AGENDA

- I) Call to Order**
- II) Roll Call**
- III) Minutes – Committee of the Whole Meeting – May 6, 2014**
- IV) Regular Business**
 - 1) Discussion Concerning the Proposed Devon/Lincoln Tax Increment Financing District (6:00 – 7:30 p.m.)
- V) Public Comment**
- VI) Adjournment**

DATE POSTED: May 30, 2014

**VILLAGE OF LINCOLNWOOD
PRESIDENT AND BOARD OF TRUSTEES
COMMITTEE OF THE WHOLE MEETING
VILLAGE HALL COUNCIL CHAMBERS,
MAY 6, 2014**

DRAFT

Call to Order

President Turry called the Committee of the Whole meeting of the Lincolnwood Board of Trustees to order at 6:30PM, Tuesday, May 6, 2014 in the Council Chambers of the Municipal Complex, 6900 North Lincoln Avenue, Village of Lincolnwood, County of Cook and State of Illinois.

Roll Call

On roll call by Village Clerk Beryl Herman the following were:

PRESENT: President Turry, Trustees Cope, Patel, Leftakes, Elster, Klatzco, Sprogis-Marohn (6:40)

ABSENT: None

A quorum was present. Also present: Timothy Wiberg, Village Manager; Douglas Petroschius, Assistant Village Manager; Charles Meyer, Assistant to the Village Manager; Ashley Engelmann, Assistant to the Public Works Director; Manuel Castaneda, Public Works Director; Paul Eisterhold, Plan Commission Chair.

Approval of Minutes

Minutes of the April 17, 2014 Committee of the Whole meeting were distributed in advance of the meeting and were examined. Trustee Patel moved to approve the minutes, Trustee Leftakes seconded the motion. The motions passed by Voice Vote.

Regular Business

1. Overview of the New Audio System in the Council Chambers

This item was presented by Stuart R. Allen, President of Allen Visual Systems, Inc.

Mr. Allen provided an introduction to the system and described the workings of the microphones. Questions and discussion ensued with clarification by Mr. Allen and Mr. Petroschius.

2. Status Report on the Stormwater Management Pilot Program

This item was presented by Steve Berecz and Michael Baker of Gewalt Hamilton.

Overview

***Phase III Scope**

- Evaluate and update Phase II Model (AB&H)
- Design Alternative I (restrictors and berms in Pilot Area)

***Estimates of Village Sewer System Capacities**

- Existing Village System –two-three year design storm
- Restrictors and Berms entire Village – five year design storm
- All Phase II improvements in AB&H study constructed – 10 year design storm

The Pilot Area was exhibited.

Update of AB&H Model

- *Pilot study area of Village-wide model isolated
- *Updates to improve accuracy of existing conditions
 - High quality Lidar used to represent terrain
 - Hydrology converted from 1D to 2D
 - 2D grid resolution changed from 15' to 5'
 - Changed tailwater starting condition

Existing Conditions Model

- *Updated model was calibrated to the April 2013 storm
 - *Calibration was performed based on (in order of importance)
 - Engineering judgment based on previous modeling experience
 - Water level measurements at manhole structures taken by Village staff
 - Qualitative assessment of flood damage reports of Public Works observations and resident calls
- Existing Conditions in Pilot area were identified.

Proposed Conditions Model

- *Hanging traps added within inlets and containment berms where necessary
- *Restrictor size adjusted between 2" and 6"
- *Containment berms modeled in different locations to optimize storage
- *Dozens of scenarios have been analyzed to date, optimization process ongoing.

Board Direction Requested

- *Existing conditions indicate that several areas of existing conditions ponding occur which are greater than 9" in curb gutter and inlets for 10 year storm
- *Allowing the current ponding conditions to remain could likely provide a more significant benefit for the Pilot Study area. Would the Board support this design change if a measurable benefit is found?

Design and Construction Schedule

- *Over next month optimize model and prepare final recommended Design for Pilot Area for berms and restrictors
- *Develop construction drawings and solicit contractor bids in June and July
- *August award construction contract
- *September through November construction

Questions during the presentation were answered and clarification provided by Mr. Berecz, Mr. Baker, Mrs. Engelmann and Mr. Wiberg.

Resident Paul Gordon addressed the Board with questions for the engineers. He clearly stated that we must limit flooding in residences.

Mr. Wiberg questioned the benefits which would be achieved by stretching the parameters. The consensus was to go ahead with the study. Engineering costs will not be increased.

Adjournment

At 7:40PM Trustee Leftakes moved to adjourn Committee of the Whole, seconded by Trustee Patel.

The motion passed with a Voice Vote

Respectfully Submitted,

Beryl Herman

Village Clerk

MEMORANDUM

TO: President Turry and Members of the Village Board

FROM: Timothy C. Wiberg, Village Manager

DATE: May 30, 2014

SUBJECT: **June 3 Committee of the Whole Meeting**

As a reminder, the Committee of the Whole (COTW) meeting is scheduled for **6:00 p.m.** on Tuesday evening. Dinner will be available beginning at 5:15 in the Village Hall Board Conference Room. Please find below a summary of the items on the COTW agenda:

1) **Discussion of the Proposed Devon/Lincoln Tax Increment Financing District (6:00 – 7:30 p.m.)**

Per Board direction, the Village Board sub-committee of Trustees Patel and Elster have conducted several meetings with representatives of School District 74 and the Lincolnwood Library District, to discuss a potential Intergovernmental Agreement (IGA) regarding the potential creation of a new TIF District in the Devon/Lincoln area. [Attached](#) is the draft IGA provided by the Village to the taxing bodies. On May 30, the group met to discuss the draft IGA. On Tuesday evening, the Board will be presented with a summary of School District 74's response to the IGA. The Board will be asked to provide direction on each of the points raised by the School District. It is anticipated that consideration of formally creating the TIF District will appear on the Village Board's June 17 agenda.

If you should have any questions concerning these matters, please feel free to contact me.

Draft May 12, 2014

**INTERGOVERNMENTAL AGREEMENT
CONCERNING TAX INCREMENT FINANCING
WITHIN THE VILLAGE OF LINCOLNWOOD**

THIS INTERGOVERNMENTAL AGREEMENT ("Agreement") is made and entered into as of the ____ day of _____, 2014 ("**Effective Date**"), and is between and among the **VILLAGE OF LINCOLNWOOD**, an Illinois home rule municipal corporation ("**Village**"), **LINCOLNWOOD SCHOOL DISTRICT NUMBER 74**, an Illinois school district ("**District 74**"), the **LINCOLNWOOD PUBLIC LIBRARY DISTRICT**, an Illinois library district ("**Library District**") and **NILES TOWNSHIP HIGH SCHOOL DISTRICT 219**, an Illinois school district ("**District 219**") (collectively, the Village, District 219, District 74, and the Library are the "**Parties**").

IN CONSIDERATION OF, and in reliance upon, the recitals and the mutual covenants set forth in this Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in the exercise of their powers and authority under the Intergovernmental Cooperation Act, 5 ILCS 220/3 *et seq.*, and the intergovernmental cooperation provisions of Article VII, Section 10 of the Illinois Constitution of 1970, the Parties mutually agree as follows:

SECTION 1. RECITALS.

A. The Village is a home rule municipal corporation organized pursuant to the Illinois Municipal Code, 65 ILCS 5/1-1-1 *et seq.*

B. Pursuant to the Illinois Tax Increment Allocation Redevelopment Act, 65 ILCS 5/11-74.4-1 *et seq.* ("**TIF Act**"), the Village has designated as "redevelopment project areas," and has adopted tax increment financing for, the following three distinct areas of the Village:

1. The area generally bounded by Touhy Avenue, McCormick Avenue, Pratt Avenue, and Hamlin Avenue, adopted by Ordinance No. 96-2271, and known as the "**Northeast Industrial TIF District**";
2. The area generally bounded by Touhy Avenue, Lawndale Avenue, and the Union Pacific Rail Road right-of-way, adopted by Ordinance No. 98-2403, and known as the "**Touhy Lawndale TIF District**"; and
3. The area generally including the properties located at the northwest, southwest, and southeast corners of the intersection of Lincoln Avenue and Touhy Avenue, adopted by Ordinance No.2011-2930, and known as the "**Lincoln-Touhy TIF District**".

C. Pursuant to the TIF Act, the Village has proposed the designation of a new redevelopment project area, and the adoption of tax increment financing, for that certain area within the Village generally including the properties generally located along the north side of Devon Avenue between McCormick Boulevard and Proesel Avenue, and the properties generally located in the adjacent areas to the north of such property along Devon Avenue ("**Devon-Lincoln TIF District**").

D. The Northeast Industrial TIF District and the Touhy Lawndale TIF District, have generated incremental property tax revenues ("**TIF Revenues**") that have been used, and will

continue to be used, to pay eligible costs to support development and improvement within each such TIF District. (The Touhy-Lincoln TIF has not yet generated any revenues)

E. The Village anticipates that the Devon-Lincoln TIF District, if established, will generate TIF Revenues that will be used to pay eligible costs to support the development and improvement within such TIF District.

F. District 74 and District 219 are each Illinois school districts organized pursuant to the Illinois School Code, 105 ILCS 5/1-1 *et seq.*

G. The Library District is an Illinois library district organized pursuant to the Illinois Public Library District Act of 1991, 75 ILCS 16/1-1 *et seq.*

H. The jurisdictional boundaries of each of District 74, the Library District, and District 219 include the entire Village, and specifically include all of the territory located within the Northeast Industrial TIF District, the Touhy Lawndale TIF District, the Lincoln-Touhy TIF District, and the proposed Devon-Lincoln TIF District (each a **"TIF District"**).

I. In accordance with the TIF Act, TIF Revenues generated from each TIF District have been designated for the respective tax increment financing fund for the respective TIF District, and have not been distributed among, District 74, the Library District, the Village, District 219, and the other taxing bodies with jurisdiction over all or part of any such TIF District (collectively, the **"Taxing Bodies"**) as have been other property tax revenues.

J. Pursuant to Section 5(b) of the TIF Act, the Parties are members of the **"Joint Review Board"** for each of the TIF Districts.

K. The Joint Review Board for the proposed Devon-Lincoln TIF District (**"Devon-Lincoln JRB"**) has reviewed the proposed Devon-Lincoln TIF District, and on February 6, 2013, recommended that the proposed Devon-Lincoln TIF District not be adopted. Pursuant to Section 5(b) of the TIF Act, the Village and the Devon-Lincoln JRB have met and conferred to attempt to resolve those issues set forth in the Devon-Lincoln JRB's written report concerning its recommended rejection of the proposed Devon-Lincoln TIF District.

L. The Parties have also met and conferred directly to discuss the proposed Devon-Lincoln TIF District and the other TIF Districts, and have identified areas of mutual agreement concerning the use of TIF Revenues within such TIF Districts and the redistribution of surplus TIF Revenues from the TIF District to the Taxing Bodies.

M. The Parties support the Village's efforts to promote responsible economic development within the Village.

N. The Parties now desire to enter into this Agreement to memorialize their mutual agreement and understanding concerning, and to set forth their rights and responsibilities regarding, the use and redistribution of TIF Revenues, as well as a process for allowing the proposed Devon-Lincoln TIF District to be approved by the Village without objection by any of the Parties and without a negative recommendation by the Devon-Lincoln JRB.

SECTION 2. APPLICATION AND USE OF TIF AND OTHER REVENUES.

The Parties agree that TIF Revenues generated from the TIF Districts, and other revenues received by the Village for use within one or more TIF Districts, are to be applied, used, and distributed as follows:

A. Northeast Industrial TIF District. The Parties acknowledge and agree that the Northeast Industrial TIF District includes that certain right-of-way currently owned by the Union Pacific Railroad ("**Railroad ROW**"), which the Village has proposed to acquire, develop, and use for a recreational trail ("**Proposed Trail**"). The Village acknowledges and agrees that it will declare as "surplus" funds pursuant to the TIF Act, and redistribute such funds to the Taxing Bodies in accordance with the procedures set forth in the TIF Act, the amount of TIF Revenues received from the Northeast Industrial TIF District equal to the amount of grant funding actually received by the Village from the federal government that is directly designated and earmarked for either the acquisition of the Railroad ROW or the construction of the Proposed Trail. The Parties agree that no such redistribution shall occur if no such grant funding is received by the Village.

B. Touhy Lawndale TIF District. The Parties acknowledge and agree that a portion of the TIF Revenues received from the Touhy Lawndale TIF District have been designated pursuant to a separate agreement with Lowe's dated December 5, 2002 ("**Lowe's Agreement**") providing for reimbursement of costs related to the development of the Lowe's retail store located at 3601 Touhy Avenue in the Village ("**Lowe's Reimbursement Costs**"). The Village acknowledges and agrees that, as of the date of the Village's full and final payment of all Lowe's Reimbursement Costs that are now or may become due pursuant to and in accordance with the Lowe's Agreement, all remaining TIF Revenues received from the Touhy Lawndale TIF District shall be deemed and declared to be "surplus" funds pursuant to the TIF Act, and redistributed to the Taxing Bodies in accordance with the procedures set forth in the TIF Act. The Village, at its sole discretion, can decide to end the Touhy Lawndale TIF District once all obligations have been met.

C. Lincoln-Touhy TIF District In the event that any portion of the Lincoln-Touhy TIF District is developed and used primarily for residential purposes, then the Village agrees to reasonably cooperate and work in good faith with District 74, the Library District and District 219 to provide for an appropriate payment to be made to such districts. Any such payment will commence upon the completion of such residential development and will continue throughout the remaining term of the Lincoln-Touhy TIF District, but only so long as such residential development is in existence.

D. Devon-Lincoln TIF District.

1. The Village Agrees to include the following provisions in the final ordinance and the final redevelopment plan that is considered for approval by the Corporate Authorities of the Village for the proposed Devon-Lincoln TIF District:

a. Look-Back Upon completion of the 15th year after creation of the Devon-Lincoln TIF District there shall be a "look-back" process for the purpose of determining whether the minimum amount of public improvements as defined in the TIF plan have been completed in order to continue the TIF District. The process shall consist of a meeting of the Devon-Lincoln JRB to be convened by the Village. The Devon-Lincoln JRB shall make a recommendation to the Village Board of the Village as

to whether any modifications should be made to the Devon-Lincoln TIF District, including, without limitation, early termination of the Devon-Lincoln District. The Village agrees to consider any recommendation made by the Devon-Lincoln JRB within 30 days of the formal adoption of such recommendation.

b. Declaration of Surplus: In the event that revenue of the Devon-Lincoln TIF District derived from incremental tax revenue generated within the Devon-Lincoln TIF District exceeds \$20 million, the amount of increment in excess of \$20 million shall be deemed and declared to be "surplus" funds pursuant to the TIF Act, and redistributed to the Taxing Bodies in accordance with the procedures set forth in the TIF Act.

c. No Residential Development. No TIF Revenue shall be used to directly support residential development within the Devon-Lincoln TIF District.

2. The Parties agree that, within 10 days after the Effective Date of this Agreement, the Parties will reconvene the Devon-Lincoln JRB and formally support the adoption of a resolution recommending the adoption of the proposed Devon-Lincoln TIF District, with the modifications set forth in this Agreement.

SECTION 3. TERM.

The term of this Agreement will commence upon the date that the last of all Parties signs this Agreement pursuant to authority duly provided to the signatory. This Agreement will automatically terminate upon the occurrence of any of the following events: (a) the Devon-Lincoln JRB fails to adopt the resolution contemplated in Section 2.D.2 of this Agreement within 10 days after the Effective Date of this Agreement, (b) the Village Board of the Village fails to adopt the ordinance creating the Devon-Lincoln TIF District within the time period for adoption as set forth in the TIF Act, (c) the date on termination, for any reason, of the Devon-Lincoln TIF District, and (d) the mutual written agreement to terminate executed by (i) the Village and (ii) at least two of the remaining Parties. In addition to the foregoing, this Agreement may be terminated for cause by any Party. Cause shall be defined as a Party's material failure to perform its duties under this Agreement. The terminating Party shall provide 60 days prior written notice setting forth the nature of the breach or material failure to perform under this Agreement to the other parties in the event of a termination for cause. The non-terminating Party or Parties shall have a 60 day period running from the date of delivery of such written notice in which to cure the material failure identified in the notice.

SECTION 4. GENERAL PROVISIONS.

A. Notices. All notices required or permitted to be given under this Agreement shall be given by the parties by: (i) personal delivery; (ii) deposit in the United States Registered Mail, return receipt requested, enclosed in a sealed envelope with first class postage thereon; or (iii) deposit with a nationally recognized overnight delivery service, addressed as stated in this Section 4.A. The address of any party may be changed by written notice to the other parties. Any mailed notice shall be deemed to have been given and received within three days after the same has been mailed and any notice given by overnight courier shall be deemed to have been given and received within 24 hours after deposit. Notices and communications to the parties shall be addressed to, and delivered at, the following addresses:

If to the Village: Village of Lincolnwood
6900 North Lincoln Avenue
Lincolnwood, IL 60712
Attention: Village Manager

If to District 219: _____

Attention: _____

If to District 74 _____

Attention: _____

If to the Library District: _____

Attention: _____

B. Time of the Essence. Time is of the essence in the performance of all of the terms and conditions of this Agreement.

C. Governing Law. This Agreement shall be governed by, construed, and enforced in accordance with the internal laws, but not the conflicts of laws rules, of the State of Illinois.

D. Amendments and Modifications. No amendment or modification to this Agreement shall be effective until it is reduced to writing and approved and executed by each of the Parties in accordance with all applicable statutory procedures; provided, however, that this Section 4.D shall not be deemed or interpreted as prohibiting future collaboration between some or all of the Parties without an amendment to this Agreement regarding matters of shared interest to which this Agreement does not apply.

E. No Third Party Beneficiaries. No claim as a third party beneficiary under this Agreement by any person, firm, or corporation shall be made, or be valid, against any of the Parties.

F. Counterpart Signatures. This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the Effective Date.

VILLAGE OF LINCOLNWOOD, an Illinois
home rule municipal corporation

ATTEST:

Beryl Herman, Village Clerk

By: _____
Gerald Turry, Village President

**NILES TOWNSHIP HIGH SCHOOL
DISTRICT 219**, an Illinois school district

ATTEST:

By: _____
Its: _____

By: _____
Its: _____

**LINCOLNWOOD SCHOOL DISTRICT
NUMBER 74**, an Illinois school district

ATTEST:

By: _____
Its: _____

By: _____
Its: _____

**LINCOLNWOOD PUBLIC LIBRARY
DISTRICT**, an Illinois library district

ATTEST:

By: _____
Its: _____

By: _____
Its: _____



**VILLAGE OF LINCOLNWOOD
PRESIDENT AND BOARD OF TRUSTEES
REGULAR MEETING
VILLAGE HALL COUNCIL CHAMBERS
7:30 P.M., JUNE 3, 2014**

I. Call to Order

II. Pledge to the Flag

III. Roll Call

IV. Approval of Minutes

1. Board Meeting Minutes – May 20, 2014

V. Warrant Approval

VI. Village President's Report

VII. Consent Agenda (If any one wishes to speak to any matter on the Consent Agenda, a Speaker's Request Form must be completed, presented to the Village Clerk, and the matter will be removed from the Consent Agenda and added to Regular Business.)

1. Approval of a Resolution Adopting Prevailing Wages Effective May 1, 2014 for the State of Illinois Prevailing Wage Act (Appears on the Consent Agenda because it is a Routine Function of Government)
2. Approval of a Recommendation by the Plan Commission to Adopt an Ordinance Granting Verizon Wireless a Special Use Permit for the Construction of Personal Wireless Service Facilities on an Existing Freestanding Tower at 7017 North Central Park Avenue (Appears on the Consent Agenda because it was Approved by a Recommending Body)
3. Approval of a Recommendation by the Plan Commission Regarding Certain Zoning Ordinance Text Amendments to the Legal Nonconforming Uses Section Pertaining to Bank, Credit Union, or Savings and Loan Uses (Appears on the Consent Agenda because it was Approved by a Recommending Body)

VIII. Regular Business

4. Consideration of an Ordinance Waiving the Competitive Bidding Process and Authorizing the Village Manager to Enter into an Agreement for the Village's Electricity Aggregation Program
5. Consideration of Three Ordinances, Which Together, Would Amend the Lincoln-Touhy Tax Increment Financing (TIF) District to Include Certain Adjacent Parcels Located Generally to the North and West of the Existing District
6. Consideration of a Recommendation by the Traffic Commission to Amend Chapter 7, Article 2, Section 24 of the Municipal Code Pertaining to Commercial Vehicle Parking

7. Consideration of a Recommendation by the Plan Commission to Grant a Special Use Permit for a Package Goods Liquor Store at 7177 North Lincoln Avenue
8. Consideration of a Recommendation by the Plan Commission Concerning a Moratorium on Residential Development within the Lincoln Avenue Overlay Districts
9. Consideration of an Ordinance Adopting Various Zoning Ordinance Text Amendments to the Definitions Section and to the Off-Street Parking Requirements

IX. Manager's Report

X. Board, Commission, and Committee Reports

XI. Village Clerk's Report

XII. Trustee Reports

XIII. Public Forum

XIV. Executive Session

An Executive Session is Requested to Discuss Personnel

XV. Adjournment

DATE POSTED: May 30, 2014

All Village Board meetings are broadcast live to residents on Comcast Cable Channel 6, AT&T U-VERSE Channel 99, and online at Lincolnwood.tv at 7:30 p.m. Rebroadcasts of Village Board meetings can be viewed one week following the live broadcast at 1:00 p.m. and 7:30 p.m. on cable television or online at Lincolnwood.tv.

**VILLAGE OF LINCOLNWOOD
PRESIDENT AND BOARD OF TRUSTEES
REGULAR MEETING
VILLAGE HALL COUNCIL CHAMBERS
MAY 20, 2014**

Draft

Call to Order

Village President Gerald Turry called the Regular Meeting of the Lincolnwood Board of Trustees to order at 7:33 P.M., Tuesday, May 20, 2014 in the Council Chambers of the Municipal Complex, 6900 North Lincoln Avenue, Village of Lincolnwood, County of Cook, and State of Illinois.

Pledge to the Flag

The Corporate Authorities and all persons in attendance recited the Pledge of Allegiance to the flag of our country.

Roll Call

On roll call by Deputy Village Clerk Douglas Petroschius the following were:

PRESENT: President Turry, Trustees Sprogis-Marohn, Cope, Klatzco, Leftakes

ABSENT: Trustees Patel, Elster

A quorum was present. Also present: Timothy Wiberg, Village Manager; Douglas Petroschius, Assistant Village Manager and Acting Village Clerk; Charles Meyer, Assistant to the Village Manager; Timothy Clarke, Director of Community Development; Aaron Cook, Community Development Manager; Robert LaMantia, Chief of Police; Manuel Castaneda, Public Works Director; Ashley Engelmann, Assistant to the Public Works Director.

Approval of Minutes

The minutes of the May 6, 2014 regular Village Board meeting had been distributed in advance and were examined. Trustee Sprogis-Marohn moved to approve the minutes. The motion was seconded by Trustee Leftakes. The motion passed by a Voice Vote, 4-0.

Warrant Approval

Trustee Klatzco moved to approve Warrants in the amount of \$1,263,064.24. Trustee Cope seconded the motion.

Upon a Roll Call vote by the Village Clerk the results were:

AYES: Trustees Sprogis-Marohn, Cope, Klatzco, Leftakes

NAYS: None

The motion passed

Village President's Report

President Turry read aloud a Proclamation for Arbor Day and indicated that a Kentucky Coffee Tree would be planted in Proesel Park. Mr. Castaneda accepted the Proclamation.

President Turry announced the next upcoming public meetings and events.

President Turry announced that a resident is seeking two individuals to meet for a game of Bridge.

Consent Agenda

President Turry announced the following items on the Consent Agenda.

1. Approval of an Ordinance Amending Section 6-5-20 of the Village Code Pertaining to Public Notice Requirements for Applications for Parkway Parking Areas

2. Approval of an Ordinance Amending the Zoning Ordinance Regarding Firearms Shooting Ranges, Health Clubs, and Recreational Facilities
3. Approval of a Resolution Authorizing the Village Manager to Execute an Intergovernmental Agreement with Cook County for Access to its Geographic Information System
4. Approval of a Resolution to Purchase Two 2015 Ford F-250 XL Pick-up Trucks through the Northwest Municipal Conference Suburban Purchasing Cooperative Program Contract #142 from Currie Motors Fleet of Frankfort, IL in the Amount of \$71,387

Trustee Klatzco requested that number one “Approval of an Ordinance Amending Section 6-5-20 of the Village Code Pertaining to Public Notice Requirements for Applications for Parkway Parking Areas” be removed from the Consent Agenda and placed on Regular Business. President Turry announced that Consent Agenda item one would become item number eight on Regular Business.

Trustee Sprogis-Marohn moved to approve the Consent Agenda as amended. Trustee Klatzco seconded the motion.

Upon a Roll Call vote the results were:

AYES: Trustees Sprogis-Marohn, Cope, Klatzco, Leftakes

NAYS: None

The motion passed

Regular Business

5. Consideration of a Recommendation by the Traffic Commission to Amend Chapter 7, Article 2, Section 24 of the Municipal Code Pertaining to Commercial Vehicle Parking

President Turry entertained a motion to postpone this item until the June 3, 2014 meeting to allow for Trustees Elster and Patel to be part of the discussion. Trustee Klatzco made the motion. The motion was seconded by Trustee Cope. The motion passed by voice vote, 4-0.

6. Consideration of a Recommendation by the Plan Commission Concerning a Moratorium on Residential Development within the Lincoln Avenue Overlay Districts

Trustee Cope made a motion to table this matter until the June 3, 2014 meeting to allow for Trustees Patel and Elster to be part of the discussion. Trustee Klatzco seconded the motion. The motion passed by voice vote, 4-0.

7. Consideration of a Recommendation by the Plan Commission to Adopt an Ordinance Amending Various Sections of the Zoning Code Regarding Commercial, Institutional and Civic Building Design Standards and the Lincoln Avenue Overlay District

This item was presented by Mr. Cook who provided background on the matter. At the May 15, 2012 Committee of the Whole (COTW) meeting, the Village’s masonry design requirements for non-residential buildings were discussed. This discussion was the result of a variation request by the Meatheads restaurant for relief from the “masonry only” requirement applicable to buildings located along Lincoln Avenue in the Lincoln Avenue Overlay Zone. The COTW referred this matter of commercial masonry design requirements to the Committee on Ordinances, Rules, and Building (CORB) which held a meeting on June 4, 2012. At this meeting CORB recommended that the Village Board refer this matter to the Plan Commission for consideration and a Public Hearing. This referral included direction to consider:

- Whether non-residential masonry standards should be uniform throughout the community, or alternatively vary specifically by Zoning District
- Consider a minimum masonry percentage for exterior walls for new non-residential buildings
- Identify how such a minimum percentage should be calculated
- Establish definition(s) to define masonry and clarify specific products and building material that meet the masonry requirement
- Identify other acceptable materials that would be allowed and/or specific materials that are prohibited

The Village Board, at its June 19, 2012 meeting concurred with CORB and directed the Plan Commission to hold the necessary Public Hearing to deliberate Zoning Code text amendments concerning masonry design requirements for non-residential buildings. Upon completion of their deliberation, the Plan Commission forwarded their recommendation concerning proposed changes to the Village's design standards for non-residential buildings to the Village Board.

At the April 23, 2014 meeting, the Plan Commission reconfirmed its prior recommendation to the Village Board made on March 6, 2013. By a 5-0 vote, the Plan Commission recommended that the Zoning Code be amended relative to commercial, institutional, and civic building design standards. This recommendation includes:

- 1) Eliminating "Masonry Only" requirement from the Lincoln Avenue Overlay District
- 2) Establish that the exterior walls of non-residential buildings be constructed with a minimum of 75% "high quality materials". This includes a requirement that from the ground to the top of the first floor windows, the wall must be constructed entirely of "high quality materials"
- 3) Establish a list of permitted "high quality materials" which includes: 1) brick with a minimum thickness of 2.25 inches; 2) natural stone; 3) sandstone; 4) other native stone; 5) pre-cast decorative stone; and 6) glass
- 4) Permit Pre-cast Stone and Pre-cast Concrete as a permitted "high quality material" in the M-B District, except use on an elevation facing a Residential District requires Special Use Approval
- 5) Review of requests for relief from the design requirements shall be processed as Special Use requests to appear before the Plan Commission
- 6) Add definitions for Brick, Architectural Concrete Masonry Unit, Masonry, Natural Stone, Manufactured Stone, Pre-cast Stone, and Pre-cast Concrete; (as identified above)
- 7) Add *Exterior Insulation Finishing Systems ("EIFS")* and *metal and vinyl lap board siding* as specifically prohibited materials

Discussion ensued. Trustee Sprogis-Marohn commended the Plan Commission on its deliberation on this otherwise difficult topic. Trustee Cope indicated for the record that brick provides the best quality but he does not want to discourage business in the community.

Trustee Sprogis-Marohn moved to direct the Village Attorney to draft an Ordinance consistent with the Plan Commission recommendation. The motion was seconded by Trustee Klatzco.

Upon a Roll Call vote the Results were:

AYES: Trustees Sprogis-Marohn, Cope, Klatzco, Leftakes

NAYS: None

The motion passed.

8. Approval of an Ordinance Amending Section 6-5-20 of the Village Code Pertaining to Public Notice Requirements for Applications for Parkway Parking Areas (formerly Consent Agenda Item 1)

Trustee Klatzco supported staff's desire to streamline the notification process but proposed to change the requirement to send notice by way of United States Postal Service regular mail from a 150 foot radius to a 250 foot radius from the subject parkway parking area. Staff provided no objection. The Village Board concurred with this proposed change.

Trustee Klatzco moved to approve the Ordinance with the modification of 250. The motion was seconded by Trustee Leftakes.

Upon a Roll Call vote the Results were:

AYES: Trustees Sprogis-Marohn, Cope, Klatzco, Leftakes

NAYS: None

The motion passed.

Manager's Report

Mr. Wiberg indicated that Village offices will be closed on Memorial Day. He then responded to an inquiry made by Trustee Cope regarding the 15% water rate increase made by the City of Chicago to the Village of Lincolnwood. Trustee Cope had requested that staff research coordinating with other municipalities to perform an audit and find out the rationale for the increase. Discussion ensued. Trustee Cope reaffirmed that Chicago needs to justify the 15% increase. Mr. Wiberg indicated that the City of Chicago has reported in the past that the cost increase was for upgrades to capital and infrastructure improvements and that for several years the City had not increased the water rate. Trustee Leftakes suggested that a better use of time and money would be to continue to seek an alternative water source. The Village Board concurred. Discussion ensued. President Turry inquired with the Village Board if there was interest in pursue this matter further. There was no interest and it was determined to not pursue this matter further.

Board and Commissions Report

None

Village Clerk's Report

None

Trustees Report

None

Public Forum

None

Motion to Reconsider

Mr. Elrod suggested that a change in the minutes from the May 6, 2014 Regular Meeting be made to insert the words "one mile" in place of "800 feet" concerning firearms ranges. Trustee Leftakes made a motion to reconsider the matter. Trustee Klatzco seconded the motion. The motion passed by Voice Vote, 4-0.

Trustee Leftakes made a motion to approve the minutes as amended to insert the words “one mile” in place of “800 feet”. Trustee Klatzco seconded the motion. The motion passed by Voice Vote, 4-0.

Adjournment to Executive Session

Trustee Sprogis-Marohn moved to adjourn the Regular Meeting to Executive Session for the purpose of discussing land acquisition and potential and pending litigation at 8:31 P.M. The motion was seconded by Trustee Klatzco.

Upon a Roll Call vote the Results were:

AYES: Trustees Sprogis-Marohn, Cope, Klatzco, Leftakes

NAYS: None The motion passed

Reconvention

President Turry reconvened the Regular Board Meeting at 9:49 P.M.

Adjournment

At 9:50 P.M. Trustee Sprogis-Marohn moved to adjourn the Regular Meeting. The motion was seconded by Trustee Leftakes.

The motion passed with a Voice Vote, 4-0.

Respectfully Submitted,

Douglas Petroschius
Deputy Village Clerk

TO: President and the Board of Trustees

FROM: Timothy C. Wiberg, Village Manager

SUBJECT: Warrant Approval

DATE: May 30, 2014

The following are the totals for the List of Bills being presented at the June 3rd Village Board meeting.

6/3/2014	188,622.40
6/3/2014	278,153.04
6/3/2014	45,383.24
6/3/2014	\$71,264.55
6/3/2014	\$54,555.27
Total	\$ 637,978.50

Accounts Payable To Be Paid Proof List

User: jmm
Printed: 05/29/2014 - 10:33 AM
Batch: 100-06-2014

to VB Agenda



Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close POLine #
Amazon										
AMAZON										
221264147330	04/10/2014	385.99	0.00	06/03/2014	Equipment for Conference Room		-		No	0000
101-250-511-6530	Equipment - data processing									
	221264147330 Total:	385.99								
229134556570	04/13/2014	507.70	0.00	06/03/2014	Car Lights		-		No	0000
101-350-512-5730	Program supplies									
	229134556570 Total:	507.70								
	AMAZON Total:	893.69								
	Amazon Total:	893.69								
American Express										
AMEREXP										
31117041214	04/21/2014	40.00	0.00	06/03/2014	IAMMA Annual Conference		-		No	0000
101-200-511-5810	Conference & meeting registrat									
	31117041214 Total:	40.00								
31117041414	04/14/2014	78.10	0.00	06/03/2014	City Management Lunch		-		No	0000
101-200-511-5840	Meals									
	31117041414 Total:	78.10								
31117042114	04/21/2014	5.00	0.00	06/03/2014	Parking Mayors Pension Press		-		No	0000
101-100-511-5820	Local mileage, parking & tolls									
	31117042114 Total:	5.00								
31117042214	04/22/2014	123.80	0.00	06/03/2014	Train to Springfield		-		No	0000
101-100-511-5850	Purchased Transportation									
	31117042214 Total:	123.80								
31117042414	04/24/2014	65.14	0.00	06/03/2014	Kosher meals for Board & Comm		-		No	0000
101-100-511-5840	Meals				Dinner					
	31117042414 Total:	65.14								
33071042214	04/22/2014	75.00	0.00	06/03/2014	3rd annual Women's Legacy		-		No	0000
101-400-511-5810	Conference and Meeting Registr				Conference					
	33071042214 Total:	75.00								

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
35142041614	04/16/2014	100.00	0.00	06/03/2014	IPRA - Park Pursuit		-			No	0000
205-500-515-5810	Conference & meeting registrat										
	35142041614 Total:	100.00									
35142042514	04/25/2014	56.97	0.00	06/03/2014	Uncommon Ground - Senior Lunch		-			No	0000
205-570-515-5645	Concessions & food										
	35142042514 Total:	56.97									
35142042814	04/28/2014	72.45	0.00	06/03/2014	Amazon - Corner desk for CC		-			No	0000
205-571-515-5730	Program supplies										
35142042814	04/28/2014	133.25	0.00	06/03/2014	Amazon - File cabinet		-			No	0000
205-571-515-5730	Program supplies										
35142042814	04/28/2014	1,106.48	0.00	06/03/2014	Amazon - Umbrellas for Patio		-			No	0000
205-571-515-5730	Program supplies										
35142042814	04/28/2014	127.99	0.00	06/03/2014	Amazon - Front desk for Community Ctr		-			No	0000
205-571-515-5730	Program supplies										
	35142042814 Total:	1,440.17									
35142050114	05/01/2014	15.30	0.00	06/03/2014	Plug n Play		-			No	0000
205-500-515-5725	Credit card charges										
	35142050114 Total:	15.30									
	AMEREXP Total:	1,999.48									
	American Express Total:	1,999.48									
Call One											
CALLONE											
1010-7823-0001	05/15/2014	2,436.22	0.00	06/03/2014	Telephone - Admin/PD - April		-			No	0000
101-210-511-5580	Telephone										
	1010-7823-0001 Total:	2,436.22									
1010-7823-0002	05/15/2014	322.80	0.00	06/03/2014	Telephone - Standpipe SCADA - April		-			No	0000
660-610-519-5580	Telephone										
	1010-7823-0002 Total:	322.80									
1010-7823-0003	05/15/2014	189.78	0.00	06/03/2014	Telephone - Police radio - April		-			No	0000
101-210-511-5580	Telephone										
	1010-7823-0003 Total:	189.78									
1010-7823-0004	05/15/2014	47.29	0.00	06/03/2014	Telephone - Aquatic Center - April		-			No	0000
205-560-515-5580	Telephone										
	1010-7823-0004 Total:	47.29									
1010-7823-0007	05/15/2014	377.60	0.00	06/03/2014	Telephone - PW - April		-			No	0000
660-610-519-5580	Telephone										
	1010-7823-0007 Total:	377.60									
1010-7823-0008	05/15/2014	27.60	0.00	06/03/2014	Telephone - Pump House - April		-			No	0000
660-610-519-5580	Telephone										
	1010-7823-0008 Total:	27.60									
1010-7823-0009	05/15/2014	115.00	0.00	06/03/2014	Telephone - Red Center - April		-			No	0000
660-610-519-5580	Telephone										

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
1010-7823-0009	05/15/2014	474.05	0.00	06/03/2014	Telephone - Red Center - April		-			No	0000
101-210-511-5580	Telephone										
	1010-7823-0009 Total:	589.05									
1010-7823-0010	05/15/2014	390.26	0.00	06/03/2014	Telephone - Municipal Center - April		-			No	0000
101-210-511-5580	Telephone										
	1010-7823-0010 Total:	390.26									
	CALLONE Total:	4,380.60									
	Call One Total:	4,380.60									
CDW Government											
CDWGOV											
LC1655	04/09/2014	19,002.50	0.00	06/03/2014	Wireless equipment for Village Hall, PW		-			No	0000
101-250-511-6530	Equipment - data processing										
LC1655	04/09/2014	6,402.30	0.00	06/03/2014	Wireless equipment for Village Hall, PW		-			No	0000
660-620-519-5730	Program supplies										
LC1655	04/09/2014	2,074.87	0.00	06/03/2014	Wireless equipment for Village Hall, PW		-			No	0000
660-620-519-5730	Program supplies										
LC1655	04/09/2014	119.96	0.00	06/03/2014	Wireless equipment for Village Hall, PW		-			No	0000
660-620-519-5730	Program supplies										
LC1655	04/09/2014	74.25	0.00	06/03/2014	Wireless equipment for Village Hall, PW		-			No	0000
660-620-519-5730	Program supplies										
LC1655	04/09/2014	688.06	0.00	06/03/2014	Wireless equipment for Village Hall, PW		-			No	0000
660-620-519-5730	Program supplies										
	LC1655 Total:	28,361.94									
	CDWGOV Total:	28,361.94									
	CDW Government Total:	28,361.94									
City of Chicago Dept of Water											
CTYOFCHI											
430883-430883	05/09/2014	66,712.00	0.00	06/03/2014	Water - 3/14/14-4/10/14		-			No	0000
660-620-519-5790	Water purchases										
	430883-430883 Total:	66,712.00									
430884-430884	05/09/2014	58,354.40	0.00	06/03/2014	Water - 3/14/14-4/10/14		-			No	0000
660-620-519-5790	Water purchases										
	430884-430884 Total:	58,354.40									
	CTYOFCHI Total:	125,066.40									

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close POLine #
City of Chicago Dept of Water Total:		125,066.40								
Commonwealth Edison										
COMED										
0008132018	05/12/2014	498.30	0.00	06/03/2014	Electric - Kostner/Morse - 4/9-5/9		-		No	0000
101-440-513-5785	Utilities - public way									
	0008132018 Total:	498.30								
0104767008	05/12/2014	2,137.65	0.00	06/03/2014	Electric - Pump - 4/11-5/9		-		No	0000
660-620-519-5785	Utilities - public way									
	0104767008 Total:	2,137.65								
0592075011	04/29/2014	2,238.35	0.00	06/03/2014	Street Lighting - 3/31/14-4/29/14		-		No	0000
101-440-513-5785	Utilities - public way									
	0592075011 Total:	2,238.35								
0933017059	05/09/2014	498.65	0.00	06/03/2014	Electric - 6754 Cicero - 4/10-5/8		-		No	0000
101-440-513-5785	Utilities - public way									
	0933017059 Total:	498.65								
1700394002	05/12/2014	61.48	0.00	06/03/2014	Electric - ES Crawford - 4/11-5/9		-		No	0000
101-440-513-5785	Utilities - public way									
	1700394002 Total:	61.48								
1784010001	05/14/2014	407.68	0.00	06/03/2014	Electric - Shelter - 4/9-5/9		-		No	0000
101-440-513-5785	Utilities - public way									
	1784010001 Total:	407.68								
1784059008	05/12/2014	771.11	0.00	06/03/2014	Electric - NS Morse - 4/9-5/9		-		No	0000
101-440-513-5785	Utilities - public way									
	1784059008 Total:	771.11								
1784346006	05/12/2014	237.09	0.00	06/03/2014	Electric - SS Touhy - 4/10-5/9		-		No	0000
101-440-513-5785	Utilities - public way									
	1784346006 Total:	237.09								
1784521009	05/12/2014	19.58	0.00	06/03/2014	Electric - WS Cicero - 4/10-5/8		-		No	0000
101-440-513-5785	Utilities - public way									
	1784521009 Total:	19.58								
2028043041	05/08/2014	4,169.17	0.00	06/03/2014	Street Lighting - 4/19/14-5/8/14		-		No	0000
101-440-513-5785	Utilities - public way									
	2028043041 Total:	4,169.17								
2187009072	05/08/2014	324.78	0.00	06/03/2014	Electric - 7000 Mc Cormick - 4/9-5/7		-		No	0000
101-440-513-5785	Utilities - public way									
	2187009072 Total:	324.78								
2631087013	05/08/2014	92.03	0.00	06/03/2014	Electric - 6851 Central Pk - 4/9-5/7		-		No	0000
101-440-513-5785	Utilities - public way									
	2631087013 Total:	92.03								
2649157097	05/08/2014	130.01	0.00	06/03/2014	Electric - 3550 Pratt - 4/8-5/7		-		No	0000
101-440-513-5785	Utilities - public way									
	2649157097 Total:	130.01								

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
3462712002	05/09/2014	422.13	0.00	06/03/2014	Electric - Water Tower - 4/8-5/8		-			No	0000
660-610-519-5785	Utilities - Public Way										
	3462712002 Total:	422.13									
4147167024	05/13/2014	227.26	0.00	06/03/2014	Electric - 7055 Kostner - 4/11-5/12		-			No	0000
101-440-513-5785	Utilities - public way										
	4147167024 Total:	227.26									
4413156059	05/12/2014	108.75	0.00	06/03/2014	Electric - 7300 Cicero - 4/10-5/9		-			No	0000
101-440-513-5785	Utilities - public way										
	4413156059 Total:	108.75									
4791110064	05/12/2014	223.11	0.00	06/03/2014	Electric - 3928 Touhy - 4/11-5/9		-			No	0000
101-440-513-5785	Utilities - public way										
	4791110064 Total:	223.11									
57221-35010	05/09/2014	390.65	0.00	06/03/2014	Street Lighting - 4/19/14-5/8/14		-			No	0000
101-440-513-5785	Utilities - public way										
	57221-35010 Total:	390.65									
	COMED Total:	12,957.78									
	Commonwealth Edison Total:	12,957.78									
Fastenal											
FASTENAL											
ILNIL39340	04/30/2014	414.90	0.00	06/03/2014	Shop supplies		-			No	0000
101-410-511-5730	Program supplies										
	ILNIL39340 Total:	414.90									
	FASTENAL Total:	414.90									
	Fastenal Total:	414.90									
FIA Card Services											
FIACARD											
0923041014	04/10/2014	17.97	0.00	06/03/2014	Jewel - Snack for Club Kid		-			No	0000
205-520-515-5645	Concessions & food										
0923041014	04/10/2014	20.95	0.00	06/03/2014	Michaels - craft for Club Kid		-			No	0000
205-520-515-5730	Program supplies										
0923041014	04/10/2014	1.99	0.00	06/03/2014	Party City - Birthday party game		-			No	0000
205-506-515-5730	Program supplies										
	0923041014 Total:	40.91									
0923042914	04/29/2014	54.40	0.00	06/03/2014	Michaels - Team building		-			No	0000
205-500-515-5599	Other contractual										
	0923042914 Total:	54.40									
0923043014	04/30/2014	66.20	0.00	06/03/2014	Happy Chef - Senior Lunch		-			No	0000
205-570-515-5645	Concessions & food										

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close POLine #
0923043014	04/30/2014	3.60	0.00	06/03/2014	Red Box - Senior movie		-			No 0000
205-570-515-5730	Program supplies									
0923043014	04/30/2014	-111.47	0.00	06/03/2014	Amazon - Projector lamp credit		-			No 0000
205-571-515-5730	Program supplies									
	0923043014 Total:	-41.67								
3504041714	04/17/2014	72.99	0.00	06/03/2014	S&S Worldwide - camp supplies		-			No 0000
205-530-515-5730	Program supplies									
	3504041714 Total:	72.99								
3504042414	04/24/2014	55.74	0.00	06/03/2014	Target - tubs for storage		-			No 0000
205-571-515-5730	Program supplies									
3504042414	04/24/2014	299.00	0.00	06/03/2014	S&S Worldwide - Angelball		-			No 0000
205-530-515-5730	Program supplies									
	3504042414 Total:	354.74								
3504042514	04/25/2014	129.97	0.00	06/03/2014	Amazon - Spike ball		-			No 0000
205-530-515-5730	Program supplies									
	3504042514 Total:	129.97								
3504042814	04/28/2014	3.00	0.00	06/03/2014	UPS Store - shipping		-			No 0000
205-571-515-5730	Program supplies									
3504042814	04/28/2014	115.58	0.00	06/03/2014	Walmart - office shelves		-			No 0000
205-571-515-5730	Program supplies									
	3504042814 Total:	118.58								
3504042914	04/29/2014	74.07	0.00	06/03/2014	Amazon - hand sanitizer		-			No 0000
205-571-515-5730	Program supplies									
3504042914	04/29/2014	101.97	0.00	06/03/2014	Amazon - gym wipes		-			No 0000
205-571-515-5730	Program supplies									
3504042914	04/29/2014	27.89	0.00	06/03/2014	Amazon - water filters		-			No 0000
205-571-515-5730	Program supplies									
3504042914	04/29/2014	33.95	0.00	06/03/2014	Amazon - water filter		-			No 0000
205-571-515-5730	Program supplies									
	3504042914 Total:	237.88								
3504043014	04/30/2014	71.94	0.00	06/03/2014	Amazon - table cloths		-			No 0000
205-571-515-5730	Program supplies									
3504043014	04/30/2014	130.13	0.00	06/03/2014	Target - organizers for closet		-			No 0000
205-571-515-5730	Program supplies									
	3504043014 Total:	202.07								
7588050814	05/08/2014	517.92	0.00	06/03/2014	Office supplies		-			No 0000
101-300-512-5700	Office supplies									
7588050814	05/08/2014	30.06	0.00	06/03/2014	Program supplies		-			No 0000
101-130-511-5730	Program supplies									
	7588050814 Total:	547.98								
	FIACARD Total:	1,717.85								
	FIA Card Services Total:	1,717.85								

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close POLine #
Groot Recycling & Waste Servic GROOT							to VB Agenda			
10107107	04/30/2014	2,107.41	0.00	06/03/2014	22280-002 Public Works		-		No	0000
101-440-514-5230	Garbage & recycling									
	10107107 Total:	2,107.41								
10133206	04/30/2014	4,735.00	0.00	06/03/2014	22280-001 Public Works		-		No	0000
101-440-514-5230	Garbage & recycling									
	10133206 Total:	4,735.00								
	GROOT Total:	6,842.41								
Groot Recycling & Waste Servic Total:		6,842.41								
Illinois Association of Proper										
ILLASSN										
9434	03/12/2014	355.00	0.00	06/03/2014	Registration fee - Evidence Conference		-		No	0000
101-300-512-5810	Conference & meeting registrat									
	9434 Total:	355.00								
	ILLASSN Total:	355.00								
Illinois Association of Proper Total:		355.00								
Lowe's Business Acc/GECF										
LOWES										
1532	04/25/2014	33.23	0.00	06/03/2014	Painter tape for pool		-		No	0000
205-560-515-5499	R&M - other									
	1532 Total:	33.23								
2043	04/24/2014	178.98	0.00	06/03/2014	Paint supplies for pool		-		No	0000
205-560-515-5499	R&M - other									
	2043 Total:	178.98								
	LOWES Total:	212.21								
Lowe's Business Acc/GECF Total:		212.21								
Nicor Gas										
NICOR										
1436840000	05/12/2014	490.45	0.00	06/03/2014	Natural gas - Community Ctr - 4/9 - 5/9		-		No	0000
205-430-515-5780	Utilities - government buildin									
	1436840000 Total:	490.45								
21-84-84-00004	05/08/2014	274.91	0.00	06/03/2014	Natural Gas-Pump Station - 4/8 - 5/8		-		No	0000
660-620-519-5780	Utilities - government buildin									

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close POLine #
21-84-84-00004	05/15/2014	743.47	0.00	06/03/2014	Natural Gas-Pool - 3/10 - 5/15		-			No 0000
205-560-515-5780	Utilities - government buildin									
	21-84-84-00004 Total:	1,018.38								
3017240000	05/12/2014	832.33	0.00	06/03/2014	Natural gas - Public Service - 4/9 - 5/9		-			No 0000
101-420-511-5780	Utilities - government buildin									
	3017240000 Total:	832.33								
31-46-84-00002	05/15/2014	352.52	0.00	06/03/2014	Natural Gas-Parks - 4/11 - 5/11		-			No 0000
205-560-515-5780	Utilities - government buildin									
	31-46-84-00002 Total:	352.52								
5202340000	05/16/2014	707.35	0.00	06/03/2014	Natural gas - Village Hall - 4/9 - 5/9		-			No 0000
101-420-511-5780	Utilities - government buildin									
	5202340000 Total:	707.35								
6202340000	05/12/2014	1,910.35	0.00	06/03/2014	Natural gas - Public Safety - 4/9 - 5/9		-			No 0000
101-420-511-5780	Utilities - government buildin									
	6202340000 Total:	1,910.35								
70-61-47-04487	05/12/2014	108.76	0.00	06/03/2014	Natural Gas-7055 Kostner - 4/9 - 5/12		-			No 0000
205-560-515-5780	Utilities - government buildin									
	70-61-47-04487 Total:	108.76								
	NICOR Total:	5,420.14								
	Nicor Gas Total:	5,420.14								
	Report Total:	188,622.40								

to VB Agenda

Accounts Payable To Be Paid Proof List

User: jmm
Printed: 05/29/2014 - 10:33 AM
Batch: 101-06-2014

to VB Agenda



Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close POLine #
303 Taxi										
303										
31556	05/01/2014	53.00	0.00	06/03/2014	Taxi Coupons - April		-		No	0000
205-570-515-5280	Subsidized taxi program									
	31556 Total:	53.00								
	303 Total:	53.00								
	303 Taxi Total:	53.00								
American Traffic Solutions										
ATS										
INV000157156	04/30/2014	4,823.33	0.00	06/03/2014	ATS Monthly Contractual Fee - April		-		No	0000
101-300-512-5599	Other contractual									
	INV000157156 Total:	4,823.33								
	ATS Total:	4,823.33								
	American Traffic Solutions Total:	4,823.33								
Best Quality Cleaning, Inc.										
BESTQU										
3751	05/20/2014	2,813.34	0.00	06/03/2014	Cleaning Service - April 2014		-		No	0000
101-420-511-5240	Janitorial									
3751	05/20/2014	416.66	0.00	06/03/2014	Cleaning Service - April 2014		-		No	0000
205-571-515-5240	Janitorial									
	3751 Total:	3,230.00								
	BESTQU Total:	3,230.00								
	Best Quality Cleaning, Inc. Total:	3,230.00								

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close POLine #
Cherian Sunny CHERIAN										
5827	05/14/2014	910.49	0.00	06/03/2014	Refund credit balance on water account		-			No 0000
660-610-519-5720	Postage									
	5827 Total:	910.49								
	CHERIAN Total:	910.49								
	Cherian Sunny Total:	910.49								
ClientFirst Consulting Group, CLIENTFI										
4170	04/30/2014	800.00	0.00	06/03/2014	Email archive appliance FY		-			No 0000
101-250-511-6530	Equipment - data processing									
	4170 Total:	800.00								
4171	04/30/2014	517.50	0.00	06/03/2014	PW Conference room		-			No 0000
660-610-519-5730	Program supplies									
	4171 Total:	517.50								
4172	04/30/2014	2,558.75	0.00	06/03/2014	Firewall changes		-			No 0000
660-620-519-5730	Program supplies									
	4172 Total:	2,558.75								
4173	04/30/2014	230.00	0.00	06/03/2014	IT Strategy planning		-			No 0000
101-250-511-5320	Consulting									
	4173 Total:	230.00								
4174	04/30/2014	1,145.00	0.00	06/03/2014	Wireless in Village Buildings		-			No 0000
660-620-519-5730	Program supplies									
	4174 Total:	1,145.00								
4175	04/30/2014	1,275.00	0.00	06/03/2014	Consolidation PW computer equipment		-			No 0000
660-620-519-5730	Program supplies									
	4175 Total:	1,275.00								
4176	04/30/2014	340.00	0.00	06/03/2014	PW projects		-			No 0000
660-620-519-5340	Engineering									
	4176 Total:	340.00								
4179	04/30/2014	1,402.50	0.00	06/03/2014	Pool set		-			No 0000
205-560-515-5640	Computer supplies									
	4179 Total:	1,402.50								
4180	04/30/2014	1,980.00	0.00	06/03/2014	Non resident pool pass		-			No 0000
205-560-515-5640	Computer supplies									
	4180 Total:	1,980.00								
4189	04/30/2014	4,675.00	0.00	06/03/2014	IT Support FY14		-			No 0000
101-250-511-5320	Consulting									
	4189 Total:	4,675.00								
	CLIENTFI Total:	14,923.75								

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
ClientFirst Consulting Group, Total:		14,923.75									
Elmund & Nelson Co.											
ELMUND											
1404095	04/25/2014	151,858.39	0.00	06/03/2014	Pratt Ave Street Lighting Project		-			No	0000
213-000-561-6310	Street lights' improvements										
	1404095 Total:	151,858.39									
	ELMUND Total:	151,858.39									
Elmund & Nelson Co. Total:		151,858.39									
Gewalt Hamilton Associates Inc											
GEWALT											
4700.002-05	05/05/2014	9,375.65	0.00	06/03/2014	LWD Storm Water Pilot program		-			No	0000
660-620-519-5320	Consulting										
	4700.002-05 Total:	9,375.65									
4700.004-02	05/05/2014	5,100.00	0.00	06/03/2014	LWD purple hotel Storm Water DSN		-			No	0000
660-620-519-5320	Consulting										
	4700.004-02 Total:	5,100.00									
4700.007-02	05/05/2014	3,807.00	0.00	06/03/2014	LWD Kostner & Touhy Concept Plan		-			No	0000
101-290-511-5922	Building Engineering Costs										
	4700.007-02 Total:	3,807.00									
	GEWALT Total:	18,282.65									
Gewalt Hamilton Associates Inc Total:		18,282.65									
Holland & Knight LLP											
HOLLAND											
05092014	05/09/2014	11,347.00	0.00	06/03/2014	April retainer		-			No	0000
101-230-511-5350	Legal - retainer										
	05092014 Total:	11,347.00									
3045890	05/09/2014	1,317.50	0.00	06/03/2014	Legal bills -Lincoln Touhy tax		-			No	0000
219-000-511-5320	Consulting				increment						
	3045890 Total:	1,317.50									
3045892	05/09/2014	667.50	0.00	06/03/2014	April 2014 Legal - Lincoln/Devon TIF		-			No	0000
101-230-511-5370	Legal - review										
	3045892 Total:	667.50									
3045895	05/09/2014	2,535.00	0.00	06/03/2014	April 2014 Legal - Purple Hotel		-			No	0000
101-230-511-5370	Legal - review										
	3045895 Total:	2,535.00									

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
3045897	05/09/2014	545.00	0.00	06/03/2014	April 2014 Legal - Misc Dockets		-			No	0000
101-230-511-5370	Legal - review										
	3045897 Total:	545.00									
3045898	05/09/2014	247.50	0.00	06/03/2014	April 2014 Legal - Brickyard Bank		-			No	0000
101-230-511-5370	Legal - review										
	3045898 Total:	247.50									
3045900	05/09/2014	522.50	0.00	06/03/2014	Legal April - Union Pacific Aband.		-			No	0000
217-000-517-5399	Other professional services										
	3045900 Total:	522.50									
3045901	05/09/2014	461.50	0.00	06/03/2014	April 2014 Legal - Electric Aggreg		-			No	0000
101-230-511-5370	Legal - review										
	3045901 Total:	461.50									
3045902	05/09/2014	189.00	0.00	06/03/2014	April 2014 Legal - Telecom Ord		-			No	0000
101-230-511-5370	Legal - review										
	3045902 Total:	189.00									
3045907	05/09/2014	55.00	0.00	06/03/2014	April 2014 Legal - Litigation		-			No	0000
101-230-511-5360	Legal - litigation										
	3045907 Total:	55.00									
	HOLLAND Total:	17,887.50									
	Holland & Knight LLP Total:	17,887.50									
Kane McKenna & Associates											
KANEMKEN											
05132014	05/13/2014	843.75	0.00	06/03/2014	Lincoln-Touhy TIF - Payment #6 ,April		-			No	0000
219-000-511-5320	Consulting										
05132014	05/13/2014	4,850.00	0.00	06/03/2014	Review Incentive Request - April - #4		-			No	0000
101-240-517-5399	Other professional services										
	05132014 Total:	5,693.75									
05222014	05/22/2014	787.50	0.00	06/03/2014	Lincoln Devon TIF March billing		-			No	0000
101-240-517-5399	Other professional services										
	05222014 Total:	787.50									
	KANEMKEN Total:	6,481.25									
	Kane McKenna & Associates Total:	6,481.25									
Lenny Hoffman Excavating Inc											
LENNY											
14-5576	04/22/2014	49,959.31	0.00	06/03/2014	Sewer repairs		-			No	0000
660-620-562-6400	Sewer system const/imprv										
	14-5576 Total:	49,959.31									

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
							to VB Agenda				
LENNY Total:		49,959.31									
Lenny Hoffman Excavating Inc Total:		49,959.31									

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	to VB Agenda	Task	Type	PO #	Close PO	Line #
RICOH Total:												
		65.17										
Ricoh Americas Corporation Total:		65.17										
Trans Union Corp												
TRANSU												
04400723	04/25/2014	35.00	0.00	06/03/2014	Credit checks on applicants			-			No	0000
101-300-512-5399	Other professional services											
04400723 Total:		35.00										
TRANSU Total:		35.00										
Trans Union Corp Total:		35.00										
Tri-R System Incorporated												
TRI-RSYS												
3847	04/30/2014	7,180.00	0.00	06/03/2014	Furnish SCADA Improvements -Pump			-			No	0000
660-620-519-5490	R&M - water system equipment											
3847 Total:		7,180.00										
TRI-RSYS Total:		7,180.00										
Tri-R System Incorporated Total:		7,180.00										
West Payment Center												
WESTPAY												
829521511	05/01/2014	187.00	0.00	06/03/2014	CLEAR Plus - subscription fee - April			-			No	0000
101-300-512-5399	Other professional services											
829521511 Total:		187.00										
WESTPAY Total:		187.00										
West Payment Center Total:		187.00										
Wholesale Direct Inc												
WHOLESAL												
205526	03/12/2014	802.06	0.00	06/03/2014	Cut edge for plows			-			No	0000
101-440-513-5730	Program supplies											
205526 Total:		802.06										
WHOLESAL Total:		802.06										

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
Wholesale Direct Inc Total:							802.06				
Report Total:							278,153.04				

Accounts Payable To Be Paid Proof List

User: jmm
Printed: 05/29/2014 - 10:33 AM
Batch: 102-06-2014

to VB Agenda



Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close POLine #
American First Aid Services										
AFAS INC										
161079	05/02/2014	19.60	0.00	06/03/2014	First Aid refills - Village Hall		-		No	0000
101-200-511-5599	Other contractual									
	161079 Total:	19.60								
	AFAS INC Total:	19.60								
American First Aid Services Total:		19.60								
ARRP Trucking & Hauling Inc										
ARRP										
7331	05/09/2014	514.00	0.00	06/03/2014	2 loads dirt hauled out		-		No	0000
660-620-519-5599	Other contractual									
	7331 Total:	514.00								
7336	05/12/2014	1,028.00	0.00	06/03/2014	4 loads of dirt hauled out		-		No	0000
660-620-519-5599	Other contractual									
	7336 Total:	1,028.00								
	ARRP Total:	1,542.00								
ARRP Trucking & Hauling Inc Total:		1,542.00								
Burr Aimee										
BURRA										
05092014	05/09/2014	804.00	0.00	06/03/2014	Refund - Classes		-		No	0000
205-000-210-2430	Parks and Recs Control Deposit									
	05092014 Total:	804.00								
	BURRA Total:	804.00								

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
							to VB Agenda				
Burr Aimee Total:		804.00									
Business Only Broadband											
BUSONLY											
48027	06/01/2014	250.00	0.00	06/03/2014	Back up connection - internet access	-				No	0000
101-250-511-5580	Telephone										
48027 Total:		250.00									
BUSONLY Total:		250.00									
Business Only Broadband Total:		250.00									
Cassidy Tire											
CASSIDYT											
3182240	05/12/2014	295.58	0.00	06/03/2014	Tires for Squad #MP1121	-			No	0000	
101-300-512-5480	R&M - vehicles										
3182240 Total:		295.58									
CASSIDYT Total:		295.58									
Cassidy Tire Total:		295.58									
CDW Government											
CDWGOV											
LS44564	05/09/2014	70.07	0.00	06/03/2014	Netgear media attachment for BCR	-			No	0000	
101-200-511-5700	Office supplies										
LS44564 Total:		70.07									
LW02082	05/14/2014	1,241.14	0.00	06/03/2014	Final set for Office 2010/13 licenses	-			No	0000	
660-610-519-5330	Data processing										
LW02082	05/14/2014	3,723.41	0.00	06/03/2014	Final set for Office 2010/13 licenses	-			No	0000	
101-250-511-6530	Equipment - data processing										
LW02082 Total:		4,964.55									
CDWGOV Total:		5,034.62									
CDW Government Total:		5,034.62									
Coca-Cola Bottling Company											
COCACOLA											
318479513	05/19/2014	373.68	0.00	06/03/2014	Pop for PD pop machine	-			No	0000	
101-210-511-5700	Office supplies										
318479513 Total:		373.68									

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
COCACOLA Total:											
		373.68									
Coca-Cola Bottling Company Total:											
		373.68									
Gebreiiwet Mihreteab											
GEBREI											
05192014	05/19/2014	1,179.00	0.00	06/03/2014	Refund - Community Center Rental		-			No	0000
205-000-210-2430	Parks and Recs Control Deposit										
05192014 Total:		1,179.00									
GEBREI Total:		1,179.00									
Gebreiiwet Mihreteab Total:		1,179.00									
Golf Mill Ford											
GOLFMILL											
515182	05/09/2014	889.66	0.00	06/03/2014	Repair work A15		-			No	0000
101-350-512-5480	R&M - vehicles										
515182 Total:		889.66									
GOLFMILL Total:		889.66									
Golf Mill Ford Total:		889.66									
Grainger											
GRAINGER											
9432041052	05/05/2014	127.62	0.00	06/03/2014	Red Safety paint		-			No	0000
205-430-515-5730	Program supplies										
9432041052 Total:		127.62									
9432041060	05/05/2014	389.92	0.00	06/03/2014	Soap dispensers for pool		-			No	0000
205-560-515-5405	R&M - buildings										
9432041060 Total:		389.92									
9432337781	05/05/2014	660.93	0.00	06/03/2014	Red Safety paint		-			No	0000
205-430-515-5730	Program supplies										
9432337781 Total:		660.93									
GRAINGER Total:		1,178.47									
Grainger Total:		1,178.47									

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close POLine #
Hagg Press HAGG							to VB Agenda			
54967	05/16/2014	2,111.58	0.00	06/03/2014	Connections newsletter - May/June		-		No	0000
101-100-511-5565	Village Newsletter									
	54967 Total:	2,111.58								
	HAGG Total:	2,111.58								
	Hagg Press Total:	2,111.58								
Halogen HALOGEN										
450404	05/12/2014	65.25	0.00	06/03/2014	Chlorine for pool		-		No	0000
205-560-515-5630	Chemicals - swimming pool									
450404	05/12/2014	550.00	0.00	06/03/2014	ORP probe for pool		-		No	0000
205-560-515-5499	R&M - other									
450404	05/12/2014	236.00	0.00	06/03/2014	PH probe for pool		-		No	0000
205-560-515-5499	R&M - other									
450404	05/12/2014	77.30	0.00	06/03/2014	Cleaning pole for pool		-		No	0000
205-560-515-5405	R&M - buildings									
450404	05/12/2014	16.84	0.00	06/03/2014	Leaf rake for pool		-		No	0000
205-560-515-5405	R&M - buildings									
	450404 Total:	945.39								
450405	05/12/2014	-275.00	0.00	06/03/2014	ORP probe for pool		-		No	0000
205-560-515-5499	R&M - other									
	450405 Total:	-275.00								
	HALOGEN Total:	670.39								
	Halogen Total:	670.39								
Illinois City/County Managemen ILCMA										
05122014	05/12/2014	224.67	0.00	06/03/2014	Annual membership		-		No	0000
101-400-511-5570	Professional associations									
	05122014 Total:	224.67								
5212014	05/21/2014	593.00	0.00	06/03/2014	Annual Membership		-		No	0000
101-200-511-5570	Professional associations									
	5212014 Total:	593.00								
	ILCMA Total:	817.67								

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close POLine #
Illinois City/County Managemen Total:		817.67								
Illinois Section AWWA										
ILSECTIO										
200011722	05/16/2014	72.00	0.00	06/03/2014	Distribution conference for PW		-		No	0000
660-610-519-5590	Training									
	200011722 Total:	72.00								
	ILSECTIO Total:	72.00								
Illinois Section AWWA Total:		72.00								
Impact Networking, LLC										
IMPACT										
367829	05/05/2014	19.50	0.00	06/03/2014	Copier - Parks - May		-		No	0000
205-500-515-5440	R&M - office equipment									
	367829 Total:	19.50								
367830	05/05/2014	19.50	0.00	06/03/2014	Copier - Police - May		-		No	0000
101-210-511-5440	R&M - office equipment									
	367830 Total:	19.50								
368527	05/07/2014	139.96	0.00	06/03/2014	Copier - Public Works - May		-		No	0000
660-610-519-5340	Maintenance Agreement Expense									
368527	05/07/2014	139.96	0.00	06/03/2014	Copier - Parks - May		-		No	0000
205-500-515-5440	R&M - office equipment									
368527	05/07/2014	139.96	0.00	06/03/2014	Copier - Fire - May		-		No	0000
101-000-210-2650	Contractor Permits Payable									
368527	05/07/2014	139.96	0.00	06/03/2014	Copier - Police - May		-		No	0000
101-210-511-5440	R&M - office equipment									
368527	05/07/2014	139.96	0.00	06/03/2014	Copier - Admin - May		-		No	0000
101-210-511-5440	R&M - office equipment									
368527	05/07/2014	139.95	0.00	06/03/2014	Copier - Finance - May		-		No	0000
660-610-519-5340	Maintenance Agreement Expense									
	368527 Total:	839.75								
	IMPACT Total:	878.75								
Impact Networking, LLC Total:		878.75								
Jiffy Lube										
JIFFYLUB										
218210180	05/15/2014	41.99	0.00	06/03/2014	Oil change 1511		-		No	0000
101-350-512-5480	R&M - vehicles									
	218210180 Total:	41.99								

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close POLine #
JIFFYLUB Total:										
		41.99								
Jiffy Lube Total:										
		41.99								
Kirchner Anne										
KIRCHNER										
05202014	05/20/2014	10.00	0.00	06/03/2014	Refund - Stroke Clinic		-		No	0000
205-000-210-2430	Parks and Recs Control Deposit									
05202014 Total:		10.00								
KIRCHNER Total:		10.00								
Kirchner Anne Total:		10.00								
Leavitt Harice										
LEAVITTH										
051514UTRHL	05/19/2014	58.58	0.00	06/03/2014	2013 Utility tax rebate		-		No	0000
101-000-410-4050	Utility tax - electric									
051514UTRHL	05/19/2014	55.56	0.00	06/03/2014	2013 Utility tax rebate		-		No	0000
101-000-410-4055	Utility tax - natural gas									
051514UTRHL	05/19/2014	19.31	0.00	06/03/2014	2013 Utility tax rebate		-		No	0000
101-000-410-4060	Telecommunications tax									
051514UTRHL Total:		133.45								
LEAVITTH Total:		133.45								
Leavitt Harice Total:		133.45								
Lee Auto Parts										
LEEAUTOP										
442-273864	05/09/2014	33.47	0.00	06/03/2014	Hardness for Streets Dept		-		No	0000
101-440-513-5480	R&M - vehicles									
442-273864 Total:		33.47								
442-273877	05/09/2014	72.28	0.00	06/03/2014	Air filters for Streets vehicles		-		No	0000
101-440-513-5480	R&M - vehicles									
442-273877 Total:		72.28								
442-273879	05/09/2014	144.56	0.00	06/03/2014	Air filters for Streets vehicles		-		No	0000
101-440-513-5480	R&M - vehicles									
442-273879 Total:		144.56								
LEEAUTOP Total:		250.31								

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Agenda	Task	Type	PO #	Close PO	Line #
Lee Auto Parts Total:												
		250.31										
LocalGovNews.Org												
LOCALG												
5082014	05/08/2014	480.00	0.00	06/03/2014	Membership			-			No	0000
101-200-511-5620	Books & publications											
5082014 Total:		480.00										
LOCALG Total:		480.00										
LocalGovNews.Org Total:		480.00										
Malnati Organization												
MALNATI												
E146836	05/06/2014	262.10	0.00	06/03/2014	Dinner - Village Board meeting			-			No	0000
101-100-511-5840	Meals											
E146836 Total:		262.10										
MALNATI Total:		262.10										
Malnati Organization Total:		262.10										
Menini Cartage Inc												
MENICRT												
43114	05/07/2014	1,872.80	0.00	06/03/2014	4 loads of gravel to fill trenches			-			No	0000
660-620-519-5760	Street materials - Aggregate											
43114 Total:		1,872.80										
MENICRT Total:		1,872.80										
Menini Cartage Inc Total:		1,872.80										
Miclea Anca												
MICLEA												
05132014	05/13/2014	187.00	0.00	06/03/2014	Refund camp			-			No	0000
205-000-210-2430	Parks and Recs Control Deposit											
05132014 Total:		187.00										
MICLEA Total:		187.00										
Miclea Anca Total:		187.00										

to VB Agenda

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	to VB Agenda	Task	Type	PO #	Close PO	Line #
NAPA												
NAPA												
109499	05/07/2014	43.78	0.00	06/03/2014	Belts for Truck 6			-		No	0000	
660-620-519-5480	R&M - vehicles											
	109499 Total:	43.78										
	NAPA Total:	43.78										
	NAPA Total:	43.78										
Northwest Municipal Conference												
NWMNCCON												
9611	05/05/2014	6,421.00	0.00	06/03/2014	Annual membership - NWMC			-		No	0000	
101-100-511-5540	Intergovernmental fees & dues											
	9611 Total:	6,421.00										
	NWMNCCON Total:	6,421.00										
	Northwest Municipal Conference Total:	6,421.00										
Orange Crush LLC												
ORANGCRH												
454438	05/07/2014	818.37	0.00	06/03/2014	Mod Surface			-		No	0000	
213-000-561-5340	Engineering											
	454438 Total:	818.37										
454595	05/09/2014	921.88	0.00	06/03/2014	Mod Surface			-		No	0000	
213-000-561-5340	Engineering											
	454595 Total:	921.88										
454946	05/13/2014	321.30	0.00	06/03/2014	Mod Surface			-		No	0000	
213-000-561-5340	Engineering											
	454946 Total:	321.30										
	ORANGCRH Total:	2,061.55										
	Orange Crush LLC Total:	2,061.55										
Print Xpress												
PRINTX												
051203	05/12/2014	250.00	0.00	06/03/2014	Envelopes & Alarm Permit Forms -PD			-		No	0000	
101-300-512-5560	Printing & copying services											
	051203 Total:	250.00										

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Agenda	Task	Type	PO #	Close PO	Line #
PRINTX Total:												
		250.00										
Print Xpress Total:												
		250.00										
Regional Emergency Dispatch												
REGIONAL												
222-15-06	05/15/2014	11,797.83	0.00	06/03/2014	June 2014 dues			-			No	0000
101-350-512-5599	Other contractual											
222-15-06 Total:		11,797.83										
REGIONAL Total:		11,797.83										
Regional Emergency Dispatch Total:		11,797.83										
Rogoff Anna												
ROGOFF												
05132014	05/13/2014	105.00	0.00	06/03/2014	Refund - Camp			-			No	0000
205-000-210-2430	Parks and Recs Control Deposit											
05132014 Total:		105.00										
ROGOFF Total:		105.00										
Rogoff Anna Total:		105.00										
Rush Truck Centers of Illinois												
RUSHTRUC												
10225785	05/07/2014	340.77	0.00	06/03/2014	Insulator, fluid for truck #6			-			No	0000
101-440-513-5480	R&M - vehicles											
10225785 Total:		340.77										
10225888	05/09/2014	40.88	0.00	06/03/2014	Elbow for Truck #6			-			No	0000
101-440-513-5480	R&M - vehicles											
10225888 Total:		40.88										
RUSHTRUC Total:		381.65										
Rush Truck Centers of Illinois Total:		381.65										
Standard Equipment Company												
STANDARD												
C92274	05/06/2014	178.06	0.00	06/03/2014	Clamp, bushing for Sweeper			-			No	0000
101-440-513-5480	R&M - vehicles											
C92274 Total:		178.06										

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
C92303	05/07/2014	1,059.97	0.00	06/03/2014	Super Flex hose for Sweeper		-			No	0000
101-440-513-5480	R&M - vehicles										
	C92303 Total:	1,059.97									
	STANDARD Total:	1,238.03									
Standard Equipment Company Total:		1,238.03									
Sun-Times Media/Pioneer Press											
PIONEPRS											
774925-01	05/08/2014	38.40	0.00	06/03/2014	Request for Qualifications -Electrical		-			No	0000
101-400-511-5510	Advertising										
	774925-01 Total:	38.40									
	PIONEPRS Total:	38.40									
Sun-Times Media/Pioneer Press Total:		38.40									
Sunshine Arts & Crafts											
SUNSHINE											
50114-9	05/01/2014	1,092.00	0.00	06/03/2014	Spring Art classes		-			No	0000
205-502-515-5270	Purchased program services										
	50114-9 Total:	1,092.00									
	SUNSHINE Total:	1,092.00									
Sunshine Arts & Crafts Total:		1,092.00									
Superior Industrial Supply Com											
SUPERIO											
064973A	05/12/2014	547.60	0.00	06/03/2014	Multi folding towels for pool		-			No	0000
101-420-511-5405	R&M - buildings										
	064973A Total:	547.60									
	SUPERIO Total:	547.60									
Superior Industrial Supply Com Total:		547.60									
Tyco Integrated Security, LLC											
ADTSS											
21824553	05/10/2014	300.75	0.00	06/03/2014	Alarm system service annual fee		-			No	0000
660-610-519-5340	Maintenance Agreement Expense										
	21824553 Total:	300.75									

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
							to VB Agenda				
ADTSS Total:		300.75									
Tyco Integrated Security, LLC Total:		300.75									
Weinberg Julie											
WEINBERJ											
05202014	05/20/2014	25.00	0.00	06/03/2014	Refund - Rutledge Rockets	-				No	0000
205-000-210-2430	Parks and Recs Control Deposit										
05202014 Total:		25.00									
WEINBERJ Total:		25.00									
Weinberg Julie Total:		25.00									
Wells Fargo Corporate Trust Se											
WELF											
1073271	05/01/2014	62.50	0.00	06/03/2014	Administration fees - 2011A - 5/1-10/31	-			No	0000	
330-000-571-7100	Fiscal charges										
1073271	05/01/2014	187.50	0.00	06/03/2014	Administration fees - 2011A - 5/1-10/31	-			No	0000	
217-000-529-7100	Fiscal Charges										
1073271 Total:		250.00									
1073272	05/01/2014	250.00	0.00	06/03/2014	Administration fees - 2011A - 5/1-10/31	-			No	0000	
330-000-571-7100	Fiscal charges										
1073272 Total:		250.00									
WELF Total:		500.00									
Wells Fargo Corporate Trust Se Total:		500.00									
Winston Lauren Cohen											
WINSTON											
05152014	05/15/2014	1,226.00	0.00	06/03/2014	Refund - classes	-			No	0000	
205-000-210-2430	Parks and Recs Control Deposit										
05152014 Total:		1,226.00									
WINSTON Total:		1,226.00									
Winston Lauren Cohen Total:		1,226.00									
Report Total:		45,383.24									

Accounts Payable To Be Paid Proof List

User: jmm
Printed: 05/29/2014 - 10:34 AM
Batch: 103-06-2014

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Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close POLine #
American Express										
AMEREXP										
31083051914	05/19/2014	555.00	0.00	06/03/2014	PWWC Ambulance coding conference		-		No	0000
101-350-512-5810	Conference & Meeting Registrat									
31083051914	05/19/2014	379.98	0.00	06/03/2014	Harbor Junction - aluminum jacks		-		No	0000
101-350-512-5745	Small tools									
31083051914	05/19/2014	13.48	0.00	06/03/2014	Michaels - picture frames		-		No	0000
101-350-512-5799	Other materials & supplies									
	31083051914 Total:	948.46								
31117051114	05/11/2014	45.00	0.00	06/03/2014	Membership fee - Mayor		-		No	0000
101-210-511-5725	Bank & Credit Card Fees									
	31117051114 Total:	45.00								
31158050714	05/07/2014	150.00	0.00	06/03/2014	Job posting		-		No	0000
101-200-511-5510	Advertising									
	31158050714 Total:	150.00								
31158051014	05/10/2014	75.00	0.00	06/03/2014	Women's Legacy Conference		-		No	0000
101-200-511-5810	Conference & meeting registrat									
31158051014	05/10/2014	400.00	0.00	06/03/2014	ILCMA Conference Registration		-		No	0000
101-200-511-5810	Conference & meeting registrat									
	31158051014 Total:	475.00								
32008050214	05/02/2014	40.00	0.00	06/03/2014	Memebership awards program fee		-		No	0000
101-210-511-5725	Bank & Credit Card Fees									
	32008050214 Total:	40.00								
32008050814	05/08/2014	79.85	0.00	06/03/2014	Two awards for Middle School Children		-		No	0000
101-100-511-5799	Other materials & supplies									
	32008050814 Total:	79.85								
35142041014	04/10/2014	100.00	0.00	06/03/2014	Sky High Sports camp deposit		-		No	0000
205-530-515-5270	Purchased program services									
35142041014	04/10/2014	100.00	0.00	06/03/2014	Sky High Sports camp deposit		-		No	0000
205-530-515-5270	Purchased program services									
35142041014	04/10/2014	100.00	0.00	06/03/2014	Sky High Sports camp deposit		-		No	0000
205-530-515-5270	Purchased program services									
35142041014	04/10/2014	100.00	0.00	06/03/2014	Sky High Sports camp deposit		-		No	0000
205-530-515-5270	Purchased program services									

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Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference		Task	Type	PO #	Close PO	Line #
35142041714	35142041014 Total:	400.00										
205-570-515-5270	04/17/2014	50.00	0.00	06/03/2014	Botanic Garden deposit		-			No	0000	
35142050514	35142041714 Total:	50.00										
205-530-515-5270	05/05/2014	150.00	0.00	06/03/2014	Game Show Gurus - Camp entertainer		-			No	0000	
35142050514	Purchased program services											
205-540-515-5730	05/05/2014	322.90	0.00	06/03/2014	AD Starr		-			No	0000	
35142050714	Program supplies											
205-570-515-5270	35142050514 Total:	472.90										
35142050714	05/07/2014	850.00	0.00	06/03/2014	Marriott Theatre - Cats Trip		-			No	0000	
205-570-515-5270	Purchased program services											
35142050714	05/07/2014	100.00	0.00	06/03/2014	M&M Limo - Senior Trip deposit		-			No	0000	
205-570-515-5270	Purchased program services											
35142050714	05/07/2014	187.50	0.00	06/03/2014	M&M Limo - Senior Trip		-			No	0000	
205-570-515-5270	Purchased program services											
35142050714	05/07/2014	87.50	0.00	06/03/2014	M&M Limo - Senior Trip		-			No	0000	
205-570-515-5270	Purchased program services											
		35142050714 Total:										
		AMEREXP Total:	3,886.21									
		American Express Total:	3,886.21									

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
Batteries Plus #890 Total:											
		83.90									
Cassidy Tire											
CASSIDYT											
3182360	05/21/2014	55.00	0.00	06/03/2014	Wheel alignment - MP 1121		-			No	0000
101-300-512-5480	R&M - vehicles										
3182360 Total:		55.00									
CASSIDYT Total:		55.00									
Cassidy Tire Total:		55.00									
Comcast Cable											
COMCAST											
COM05032014	05/03/2014	438.55	0.00	06/03/2014	Internet service - Public Works - May		-			No	0000
660-610-519-5580	Telephone										
COM05032014	05/03/2014	94.85	0.00	06/03/2014	Internet service - Pump House - May		-			No	0000
660-610-519-5580	Telephone										
COM05032014	05/03/2014	254.35	0.00	06/03/2014	Internet service - Village Hall - May		-			No	0000
101-250-511-5580	Telephone										
COM05032014 Total:		787.75									
COMCAST Total:		787.75									
Comcast Cable Total:		787.75									
Cope Ronald											
COPE											
05142014	05/14/2014	225.49	0.00	06/03/2014	Replace payroll check		-			No	0000
101-000-110-1010	Payroll Chkg Acct-BOL										
05142014 Total:		225.49									
COPE Total:		225.49									
Cope Ronald Total:		225.49									
Dash Medical Gloves											
DASHMEDG											
INV0859894	05/14/2014	121.80	0.00	06/03/2014	Latex gloves for Evidence Techs		-			No	0000
101-300-512-5730	Program supplies										
INV0859894 Total:		121.80									

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Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference		Task	Type	PO #	Close POLine #
DASHMEDG Total:		121.80									
Dash Medical Gloves Total:		121.80									
Elite Printer Solutions											
ELITE											
2147	05/08/2014	73.98	0.00	06/03/2014	Office supplies		-		No	0000	
101-240-517-5700	Office supplies										
2147 Total:		73.98									
2168	05/15/2014	63.99	0.00	06/03/2014	Office supplies		-		No	0000	
215-000-512-5640	Computer supplies										
2168	05/15/2014	453.91	0.00	06/03/2014	Office supplies		-		No	0000	
101-300-512-5640	Computer supplies										
2168 Total:		517.90									
2177	05/16/2014	420.96	0.00	06/03/2014	Office supplies		-		No	0000	
101-200-511-5799	Other materials & supplies										
2177 Total:		420.96									
ELITE Total:		1,012.84									
Elite Printer Solutions Total:		1,012.84									
FIA Card Services											
FIACARD											
0923041014	04/10/2014	51.00	0.00	06/03/2014	Psisteria - Library meeting		-		No	0000	
205-500-515-5840	Meals										
0923041014 Total:		51.00									
0923041114	04/11/2014	95.00	0.00	06/03/2014	IPRA - Position posting		-		No	0000	
205-530-515-5599	Other contractual										
0923041114 Total:		95.00									
0923042914	04/29/2014	50.00	0.00	06/03/2014	Lombard Park District - camp deposit		-		No	0000	
205-530-515-5270	Purchased program services										
0923042914	04/29/2014	102.77	0.00	06/03/2014	L'Woods - Staff meeting		-		No	0000	
205-500-515-5840	Meals										
0923042914 Total:		152.77									
3504042314	04/23/2014	90.30	0.00	06/03/2014	Vista Print - camp banner		-		No	0000	
205-530-515-5730	Program supplies										
3504042314 Total:		90.30									
3504042514	04/25/2014	-5.31	0.00	06/03/2014	Vista Print		-		No	0000	
205-530-515-5730	Program supplies										
3504042514 Total:		-5.31									
3504042914	04/29/2014	38.00	0.00	06/03/2014	Amazon - camp lanyard		-		No	0000	
205-530-515-5730	Program supplies										

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
							to VB Agenda				
3504050514	05/05/2014	38.00									
205-571-515-5730	3504042914 Total:	8.54	0.00	06/03/2014	Lowe's - Community Center supplies		-			No	0000
	Program supplies										
3504050714	05/07/2014	19.96	0.00	06/03/2014	Amazon - Wall clock		-			No	0000
205-571-515-5730	3504050514 Total:	8.54									
	Program supplies										
3695050514	05/05/2014	150.00	0.00	06/03/2014	Job posting for Concession stand		-			No	0000
205-560-515-5499	3504050714 Total:	19.96									
	R&M - other										
36950505614	05/06/2014	45.18	0.00	06/03/2014	Basketball nets for Parks		-			No	0000
205-430-515-6350	3695050514 Total:	150.00									
	Park Construction & Improvemen										
7588050814	05/08/2014	99.99	0.00	06/03/2014	Computer supplies		-			No	0000
101-300-512-5640	36950505614 Total:	45.18									
	Computer supplies										
7588050814	05/08/2014	156.30	0.00	06/03/2014	Lodging - Police Memorial		-			No	0000
101-300-512-5820	7588050814 Total:	256.29									
	Local mileage, parking & tolls										
8334050614	05/06/2014	295.00	0.00	06/03/2014	Memebership - Illinois CPA		-			No	0000
101-200-511-5570	8334050614 Total:	295.00									
	Professional associations										
	FIACARD Total:	1,196.73									
	FIA Card Services Total:	1,196.73									
Groot Recycling & Waste Servic											
GROOT											
10107181	05/01/2014	52,454.46	0.00	06/03/2014	1229-001 - Community pick up - May		-			No	0000
101-440-514-5230	10107181 Total:	52,454.46									
	Garbage & recycling										
10107182	05/01/2014	670.07	0.00	06/03/2014	1230-001 - School District 74 - May		-			No	0000
101-440-514-5230	10107182 Total:	670.07									
	Garbage & recycling										
10148023	05/01/2014	2,866.72	0.00	06/03/2014	1230-001 - Multi family pickup - May		-			No	0000
101-440-514-5230	10148023 Total:	2,866.72									
	GROOT Total:	55,991.25									
	Groot Recycling & Waste Servic Total:	55,991.25									

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close POLine #
IAMS, Inc. IAMS							to VB Agenda			
SCS080714-1 205-504-515-5270	05/21/2014 Purchased program services	500.00	0.00	06/03/2014	Summer Concert - 8/7/14		-		No	0000
	SCS080714-1 Total:	500.00								
SCS080714-2 205-504-515-5270	05/21/2014 Purchased program services	500.00	0.00	06/03/2014	Summer Concert - 8/7/14 - Bal due		-		No	0000
	SCS080714-2 Total:	500.00								
	IAMS Total:	1,000.00								
IAMS, Inc. Total:		1,000.00								
Lowe's Business Acc/GECF										
LOWES										
1545 205-560-515-5730	05/12/2014 Program supplies	111.09	0.00	06/03/2014	Safety mask		-		No	0000
	1545 Total:	111.09								
1656 205-560-515-5499	05/14/2014 R&M - other	101.37	0.00	06/03/2014	Pool locker room supplies		-		No	0000
	1656 Total:	101.37								
1919 205-560-515-5405	05/01/2014 R&M - buildings	42.14	0.00	06/03/2014	Cleaning supplies for pool		-		No	0000
1919 205-560-515-5405	05/01/2014 R&M - buildings	-38.65	0.00	06/03/2014	Return		-		No	0000
	1919 Total:	3.49								
1921 205-560-515-5405	05/01/2014 R&M - buildings	38.66	0.00	06/03/2014	Cleaning supplies for pool		-		No	0000
1921 205-560-515-5405	05/01/2014 R&M - buildings	-3.49	0.00	06/03/2014	Return		-		No	0000
	1921 Total:	35.17								
1939 205-560-515-5405	05/02/2014 R&M - buildings	170.38	0.00	06/03/2014	Cleaning supplies for shelter		-		No	0000
	1939 Total:	170.38								
2151 205-560-515-5499	05/12/2014 R&M - other	114.71	0.00	06/03/2014	Concrete mix		-		No	0000
	2151 Total:	114.71								
2530 205-560-515-5499	05/16/2014 R&M - other	117.75	0.00	06/03/2014	Pool locker room supplies		-		No	0000
	2530 Total:	117.75								
2546 205-560-515-5405	05/01/2014 R&M - buildings	568.10	0.00	06/03/2014	Weed killer		-		No	0000
	2546 Total:	568.10								
2721 205-560-515-5499	05/20/2014 R&M - other	130.89	0.00	06/03/2014	Kiddie pool slide parts		-		No	0000

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
							to VB Agenda				
2734	05/20/2014	2721 Total: 130.89									
205-560-515-5499	R&M - other	19.87	0.00	06/03/2014	Kiddie pool slide parts		-			No	0000
2972	05/08/2014	2734 Total: 19.87									
205-560-515-5730	Program supplies	66.38	0.00	06/03/2014	Pool cleaning supplies		-			No	0000
	2972 Total: 66.38										
	LOWES Total: 1,439.20										
Lowe's Business Acc/GECF Total: 1,439.20											
MJ Productions											
MJPROD											
SCS081414	05/21/2014	700.00	0.00	06/03/2014	Summer Concert Series - 8/14/14 - Bal.		-			No	0000
205-504-515-5270	Purchased program services										
	SCS081414 Total: 700.00										
	MJPROD Total: 700.00										
MJ Productions Total: 700.00											
Murray James E.											
MURRAYJ											
SCS071014-1	05/21/2014	400.00	0.00	06/03/2014	Summer Concert Series - 7/10/2014		-			No	0000
205-504-515-5270	Purchased program services										
	SCS071014-1 Total: 400.00										
	MURRAYJ Total: 400.00										
Murray James E. Total: 400.00											
Pitney Bowes											
PITNEYBO											
2355016-MY14	05/13/2014	262.26	0.00	06/03/2014	Rental fees - Apr 30 thru May 31		-			No	0000
101-210-511-5440	R&M - office equipment										
	2355016-MY14 Total: 262.26										
	PITNEYBO Total: 262.26										
Pitney Bowes Total: 262.26											

							to VB Agenda				
Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference		Task	Type	PO #	Close POLine #
United States Postal Service											
USPOSTAL											
PB05152014	05/15/2014	17.04	0.00	06/03/2014	Pitney Bowes postage		-			No 0000	
101-210-511-5720	Postage										
PB05152014	05/15/2014	3.05	0.00	06/03/2014	Pitney Bowes postage		-			No 0000	
101-210-511-5720	Postage										
PB05152014	05/15/2014	7.07	0.00	06/03/2014	Pitney Bowes postage		-			No 0000	
101-210-511-5720	Postage										
PB05152014	05/15/2014	40.32	0.00	06/03/2014	Pitney Bowes postage		-			No 0000	
101-210-511-5720	Postage										
PB05152014	05/15/2014	5.76	0.00	06/03/2014	Pitney Bowes postage		-			No 0000	
205-500-515-5720	Postage										
PB05152014	05/15/2014	0.96	0.00	06/03/2014	Pitney Bowes postage		-			No 0000	
101-210-511-5720	Postage										
PB05152014	05/15/2014	2.45	0.00	06/03/2014	Pitney Bowes postage		-			No 0000	
101-210-511-5720	Postage										
PB05152014	05/15/2014	390.68	0.00	06/03/2014	Pitney Bowes postage		-			No 0000	
660-610-519-5720	Postage										
	PB05152014 Total:	467.33									
	USPOSTAL Total:	467.33									
United States Postal Service Total:		467.33									
Warehouse Direct											
WAREHOUS											
2310585-0	05/02/2014	897.54	0.00	06/03/2014	Office supplies		-			No 0000	
101-210-511-5700	Office supplies										
	2310585-0 Total:	897.54									
2314901-0	05/08/2014	83.39	0.00	06/03/2014	Office supplies		-			No 0000	
101-350-512-5700	Office supplies										
	2314901-0 Total:	83.39									
2314920-0	05/08/2014	278.13	0.00	06/03/2014	Office supplies		-			No 0000	
205-530-515-5730	Program supplies										
	2314920-0 Total:	278.13									
2315048-0	05/08/2014	151.05	0.00	06/03/2014	Office supplies		-			No 0000	
101-240-517-5700	Office supplies										
	2315048-0 Total:	151.05									
2315915-0	05/08/2014	122.83	0.00	06/03/2014	Office supplies		-			No 0000	
101-300-512-5730	Program supplies										
	2315915-0 Total:	122.83									
2318395-0	05/12/2014	178.74	0.00	06/03/2014	Office supplies		-			No 0000	
101-350-512-5700	Office supplies										
	2318395-0 Total:	178.74									

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	to VB Agenda	Task	Type	PO #	Close PO	Line #
2321757-0	05/15/2014	137.17	0.00	06/03/2014	Office supplies			-			No	0000
101-300-512-5700	Office supplies											
	2321757-0 Total:	137.17										
2321791-0	05/15/2014	235.44	0.00	06/03/2014	Office supplies			-			No	0000
101-400-511-5700	Office supplies											
	2321791-0 Total:	235.44										
	WAREHOUS Total:	2,084.29										
	Warehouse Direct Total:	2,084.29										
	Report Total:	71,264.55										

Accounts Payable To Be Paid Proof List

User: jmm
Printed: 05/29/2014 - 10:34 AM
Batch: 104-06-2014

to VB Agenda



Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close POLine #
1-800-RADIATOR & A/C										
1-800RAD										
52126897	05/20/2014	57.00	0.00	06/03/2014	Accumulator for Squad #222		-		No	0000
101-300-512-5480	R&M - vehicles									
	52126897 Total:	57.00								
	1-800RAD Total:	57.00								
1-800-RADIATOR & A/C Total:		57.00								
Active Electrical Supply Co.,										
ACTIVELE										
10420016-00	05/12/2014	38.65	0.00	06/03/2014	Surge protector for smart TV		-		No	0000
101-420-511-5405	R&M - buildings									
	10420016-00 Total:	38.65								
	ACTIVELE Total:	38.65								
Active Electrical Supply Co., Total:		38.65								
Arrow Road Construction Co										
ARROWROA										
45254MB	05/19/2014	821.76	0.00	06/03/2014	UPM cold patch material for potholes		-		No	0000
213-000-561-5340	Engineering									
	45254MB Total:	821.76								
	ARROWROA Total:	821.76								
Arrow Road Construction Co Total:		821.76								

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	to VB Agenda	Task	Type	PO #	Close PO	Line #
Douglas Truck Parts												
DOUGTK												
72353	05/20/2014	141.52	0.00	06/03/2014	Gloves, fiberglass for Shop			-			No	0000
101-410-511-5730	Program supplies											
	72353 Total:	141.52										
	DOUGTK Total:	141.52										
	Douglas Truck Parts Total:	141.52										
Eddie Stevens Music												
EDDIE												
SCS071714	05/21/2014	900.00	0.00	06/03/2014	Summer Concert Series - 7/17/2014		-				No	0000
205-504-515-5270	Purchased program services											
	SCS071714 Total:	900.00										
	EDDIE Total:	900.00										
	Eddie Stevens Music Total:	900.00										
Fastenal												
FASTENAL												
ILNIL39615	05/13/2014	59.17	0.00	06/03/2014	Shop supplies			-			No	0000
101-410-511-5730	Program supplies											
	ILNIL39615 Total:	59.17										
	FASTENAL Total:	59.17										
	Fastenal Total:	59.17										
Golf Mill Ford												
GOLFMILL												
353925P	05/14/2014	264.76	0.00	06/03/2014	Shaft for Squad #200		-				No	0000
101-300-512-5480	R&M - vehicles											
	353925P Total:	264.76										
354294P	05/20/2014	240.47	0.00	06/03/2014	Bearing, seal, kit tube for Squad #200		-				No	0000
101-300-512-5480	R&M - vehicles											
	354294P Total:	240.47										
354295P	05/20/2014	22.19	0.00	06/03/2014	Kit for Squad #200		-				No	0000
101-300-512-5480	R&M - vehicles											
	354295P Total:	22.19										
354307P	05/20/2014	114.96	0.00	06/03/2014	Hose for Squad #200		-			No	0000	
101-300-512-5480	R&M - vehicles											

							to VB Agenda				
Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference		Task	Type	PO #	Close POLine #
354307P Total:		114.96									
GOLFMILL Total:		642.38									
Golf Mill Ford Total:		642.38									
Grainger											
GRAINGER											
9445069173	05/19/2014	237.26	0.00	06/03/2014	Hydraulic couplers for tractors		-			No 0000	
660-620-519-5480	R&M - vehicles										
9445069173 Total:		237.26									
GRAINGER Total:		237.26									
Grainger Total:		237.26									
Grunditz George											
GRUN											
SCS061914	05/21/2014	1,100.00	0.00	06/03/2014	Summer Concert Series - 6/19/2014		-			No 0000	
205-504-515-5270	Purchased program services										
SCS061914 Total:		1,100.00									
GRUN Total:		1,100.00									
Grunditz George Total:		1,100.00									
HMO Healthcare Service Corpora											
HMO											
05162014	05/16/2014	28,090.66	0.00	06/03/2014	Employee Health Insurance - June 14		-			No 0000	
102-000-210-2027	Health insurance premium withh										
05162014 Total:		28,090.66									
HMO Total:		28,090.66									
HMO Healthcare Service Corpora Total:		28,090.66									
Illinois Section AWWA											
ILSECTIO											
200011699	05/15/2014	48.00	0.00	06/03/2014	Distribution Conference		-			No 0000	
101-400-511-5590	Training										
200011699 Total:		48.00									
200011763	05/21/2014	120.00	0.00	06/03/2014	Annual regulatory update & Telemetry		-			No 0000	
660-620-519-5590	Training										

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
							to VB Agenda				
	200011763 Total:	120.00									
	ILSECTIO Total:	168.00									
	Illinois Section AWWA Total:	168.00									
JCK Contractors											
JCKCONT											
13543	05/10/2014	1,750.00	0.00	06/03/2014	5 loads of top soil		-			No	0000
101-440-513-5680	Landscaping supplies										
	13543 Total:	1,750.00									
	JCKCONT Total:	1,750.00									
	JCK Contractors Total:	1,750.00									
Johnson Joan											
JOHNSJO											
14-5401	05/12/2014	45.00	0.00	06/03/2014	Reimbursement 50/50 animal control		-			No	0000
101-400-511-5210	Animal control										
	14-5401 Total:	45.00									
	JOHNSJO Total:	45.00									
	Johnson Joan Total:	45.00									
Kessler Steve											
KESSLER											
SCS062614	05/21/2014	900.00	0.00	06/03/2014	Summer Concert Series - 6/26/2014		-			No	0000
205-504-515-5270	Purchased program services										
	SCS062614 Total:	900.00									
	KESSLER Total:	900.00									
	Kessler Steve Total:	900.00									
Klass Ray											
KLASSR											
SCS061214	05/21/2014	800.00	0.00	06/03/2014	Summer Concert Series - Wind Gypsys		-			No	0000
205-504-515-5270	Purchased program services										
	SCS061214 Total:	800.00									

							to VB Agenda				
Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference		Task	Type	PO #	Close POLine #
	KLASSR Total:	800.00									
	Klass Ray Total:	800.00									
Lee Auto Parts											
LEEAUTOP											
442-274086	05/12/2014	133.99	0.00	06/03/2014	Wiper motor - Squad #215		-		No	0000	
101-300-512-5480	R&M - vehicles										
	442-274086 Total:	133.99									
442-274143	05/13/2014	-20.00	0.00	06/03/2014	Wiper motor return		-		No	0000	
101-300-512-5480	R&M - vehicles										
	442-274143 Total:	-20.00									
442-274214	05/13/2014	109.95	0.00	06/03/2014	Axle puller set for Squad #215		-		No	0000	
101-300-512-5480	R&M - vehicles										
	442-274214 Total:	109.95									
442-274359	05/14/2014	72.58	0.00	06/03/2014	Ester for Squad #215		-		No	0000	
101-300-512-5480	R&M - vehicles										
	442-274359 Total:	72.58									
	LEEAUTOP Total:	296.52									
	Lee Auto Parts Total:	296.52									
Lowe's Business Acc/GECF											
LOWES											
1275	05/08/2014	18.95	0.00	06/03/2014	Toilet flapper for American Legion		-		No	0000	
101-420-511-5405	R&M - buildings										
	1275 Total:	18.95									
1676	05/14/2014	47.48	0.00	06/03/2014	Door mat for PD		-		No	0000	
101-420-511-5405	R&M - buildings										
	1676 Total:	47.48									
2040	05/09/2014	-3.32	0.00	06/03/2014	Tax correction refund		-		No	0000	
101-420-511-5405	R&M - buildings										
	2040 Total:	-3.32									
20846	05/19/2014	93.91	0.00	06/03/2014	Bushes for replacement - water break		-		No	0000	
660-620-519-5680	Landscaping supplies										
	20846 Total:	93.91									
2157	05/12/2014	40.83	0.00	06/03/2014	Tri-ball draw bar for streets vehicle		-		No	0000	
101-440-513-5480	R&M - vehicles										
	2157 Total:	40.83									
2220	05/13/2014	26.78	0.00	06/03/2014	Utility knife, adhesive for Centennial		-		No	0000	
205-430-515-5730	Program supplies										
	2220 Total:	26.78									

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
2516	05/01/2014	40.26	0.00	06/03/2014	Electrical ballast		-			No	0000
101-420-511-5405	R&M - buildings										
	2516 Total:	40.26									
2639	05/19/2014	46.22	0.00	06/03/2014	Galvanized fittings, iron fitting, valve		-			No	0000
660-620-519-5730	Program supplies										
	2639 Total:	46.22									
	LOWES Total:	311.11									
	Lowe's Business Acc/GECF Total:	311.11									
Martin James											
MARTJAME											
14-5402	05/13/2014	72.50	0.00	06/03/2014	Reimbursement - 50/50 animal control		-			No	0000
101-400-511-5210	Animal control										
	14-5402 Total:	72.50									
	MARTJAME Total:	72.50									
	Martin James Total:	72.50									
Murray James E.											
MURRAYJ											
SCS071014-2	05/21/2014	400.00	0.00	06/03/2014	Summer Concert Series - Balance -		-			No	0000
205-504-515-5270	Purchased program services				7/10						
	SCS071014-2 Total:	400.00									
	MURRAYJ Total:	400.00									
	Murray James E. Total:	400.00									
New Pig Corporation											
NEWPIG											
21387800-00	05/12/2014	434.98	0.00	06/03/2014	Rags, drum toppers		-			No	0000
101-410-511-5730	Program supplies										
	21387800-00 Total:	434.98									
	NEWPIG Total:	434.98									
	New Pig Corporation Total:	434.98									

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	to VB Agenda	Task	Type	PO #	Close PO	Line #
North Suburban Employee Benefi												
NSEBENEF												
Jun-14	05/13/2014	9,486.00	0.00	06/03/2014	Dental Bill - June 2014			-			No	0000
102-000-210-2028	Dental insurance premium withh											
	Jun-14 Total:	9,486.00										
	NSEBENEF Total:	9,486.00										
North Suburban Employee Benefi Total:		9,486.00										
Orange Crush LLC												
ORANGCRH												
455161	05/15/2014	361.08	0.00	06/03/2014	Mod Surface			-			No	0000
213-000-561-5340	Engineering											
	455161 Total:	361.08										
	ORANGCRH Total:	361.08										
Orange Crush LLC Total:		361.08										
Rush Truck Centers of Illinois												
RUSHTRUC												
10226818	05/13/2014	473.25	0.00	06/03/2014	Adjusters, filters for Truck #16			-			No	0000
660-620-519-5480	R&M - vehicles											
	10226818 Total:	473.25										
10227009	05/13/2014	38.90	0.00	06/03/2014	Elbow for Truck #16			-			No	0000
660-620-519-5480	R&M - vehicles											
	10227009 Total:	38.90										
10227022	05/13/2014	42.25	0.00	06/03/2014	Arm, blade for Truck #16			-			No	0000
660-620-519-5480	R&M - vehicles											
	10227022 Total:	42.25										
	RUSHTRUC Total:	554.40										
Rush Truck Centers of Illinois Total:		554.40										
Suburban Laboratories, Inc.												
SUBURB												
112293	05/16/2014	67.50	0.00	06/03/2014	Colifrom testing and disinfectant			-			No	0000
660-620-519-5320	Consulting											
	112293 Total:	67.50										

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
							to VB Agenda				
SUBURB Total:		67.50									
Suburban Laboratories, Inc. Total:		67.50									
The Faucet Shoppe											
THEFAUCE											
36819	05/19/2014	176.85	0.00	06/03/2014	3 water fountains for Shelter House	-				No	0000
205-430-515-5730	Program supplies										
36819 Total:		176.85									
THEFAUCE Total:		176.85									
The Faucet Shoppe Total:		176.85									
The Paul Avers Band											
THEPAUL											
SCS073114	05/21/2014	650.00	0.00	06/03/2014	Summer Concert Series - 7/31/14	-			No	0000	
205-504-515-5270	Purchased program services										
SCS073114 Total:		650.00									
THEPAUL Total:		650.00									
The Paul Avers Band Total:		650.00									
United States Postal Service											
USPOSTMA											
05092014	05/09/2014	1,255.13	0.00	06/03/2014	Postage for July/August newsletter	-			No	0000	
101-100-511-5565	Village Newsletter										
05092014 Total:		1,255.13									
USPOSTMA Total:		1,255.13									
United States Postal Service Total:		1,255.13									
Verizon Wireless											
VERIZON											
9725340329	05/16/2014	1,311.64	0.00	06/03/2014	Cell Phones - April 17 - May 16	-			No	0000	
101-210-511-5580	Telephone										
9725340329	05/16/2014	102.36	0.00	06/03/2014	Cell Phones - April 17 - May 16	-			No	0000	
205-508-515-5580	Telephone										
9725340329	05/16/2014	39.60	0.00	06/03/2014	Cell Phones - April 17 - May 16	-			No	0000	
205-520-515-5580	Telephone										

to VB Agenda

Invoice #	Inv Date	Amount	Quantity	Pmt Date	Description	Reference	Task	Type	PO #	Close PO	Line #
9725340329	05/16/2014	161.58	0.00	06/03/2014	Cell Phones - April 17 - May 16		-			No	0000
205-530-515-5580	Telephone										
9725340329	05/16/2014	19.75	0.00	06/03/2014	Cell Phones - April 17 - May 16		-			No	0000
205-560-515-5580	Telephone										
9725340329	05/16/2014	0.23	0.00	06/03/2014	Cell Phones - April 17 - May 16		-			No	0000
205-550-515-5270	Purchased program services										
9725340329	05/16/2014	312.54	0.00	06/03/2014	Cell Phones - April 17 - May 16		-			No	0000
101-000-210-2650	Contractor Permits Payable										
9725340329	05/16/2014	470.87	0.00	06/03/2014	Cell Phones - April 17 - May 16		-			No	0000
660-610-519-5580	Telephone										
9725340329	05/16/2014	570.23	0.00	06/03/2014	Cell Phones - April 17 - May 16		-			No	0000
101-250-511-5580	Telephone										
	9725340329 Total:	2,988.80									
	VERIZON Total:	2,988.80									
	Verizon Wireless Total:	2,988.80									
Walsh John											
WALSHJ											
05152014	05/15/2014	1,722.00	0.00	06/03/2014	Educational assistance for classes		-			No	0000
101-300-512-5065	Tuition reimbursement										
	05152014 Total:	1,722.00									
	WALSHJ Total:	1,722.00									
	Walsh John Total:	1,722.00									
Wilmette Truck											
WILMETRU											
380	05/20/2014	27.00	0.00	06/03/2014	PW truck safety inspection		-			No	0000
101-440-513-5480	R&M - vehicles										
	380 Total:	27.00									
	WILMETRU Total:	27.00									
	Wilmette Truck Total:	27.00									
	Report Total:	54,555.27									

Request For Board Action

REFERRED TO BOARD: June 3, 2014

AGENDA ITEM NO: 1

ORIGINATING DEPARTMENT: Village Manager's Office

SUBJECT: Approval of a Resolution Adopting Prevailing Wages Effective May 1, 2014 for the State of Illinois Prevailing Wage Act

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

The State of Illinois Prevailing Wage Act requires the Village to ascertain the prevailing rate of wages as defined in said Act for laborers, mechanics, and other workers performing contracted public works construction for the Village. In so doing, contractors of public works projects coming under the jurisdiction of the Village must be paid at least the same prevailing rates of wages for contracted construction work being performed in the Cook County area.

With the adoption of this proposed Resolution for payment of prevailing wages any and all contracted public works construction undertaken by the Village shall be paid at the prevailing rates for construction work in the Cook County area. A copy of the rates is attached.

This proposed Resolution will satisfy the requirements of the Prevailing Wage Act. A copy of this Resolution will be forwarded to the Illinois Department of Labor and a required legal notice will be published in a local newspaper.

FINANCIAL IMPACT:

None.

DOCUMENTS ATTACHED:

1. Proposed Resolution
2. Cook County Prevailing Wages for May 2014

RECOMMENDED MOTION:

Move to approve a Resolution adopting prevailing wages effective May 1, 2014 as required by the Illinois Prevailing Wage Act.

VILLAGE OF LINCOLNWOOD

RESOLUTION NO. R2014-_____

**A RESOLUTION DETERMINING THE PREVAILING RATE OF WAGES
IN THE VILLAGE OF LINCOLNWOOD**

WHEREAS, the State of Illinois has enacted the “Prevailing Wage Act,” 820 ILCS 130/0.01 *et seq.* (“**Act**”); and

WHEREAS, the Act requires that the Village investigate and ascertain the prevailing rate of wages as defined in the Act for laborers, mechanics, and other workers in the locality of Cook County employed in performing construction of public works for the Village; and

WHEREAS, the Village President and Board of Trustees have determined that it will serve and be in the best interest of the Village to adopt this Resolution;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LINCOLNWOOD, COOK COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Resolution are found to be true and correct and are hereby adopted as part of this Resolution.

SECTION 2. ASCERTAINMENT AND APPLICATION OF PREVAILING WAGES. To the extent and as required by the Act, the general prevailing rate of wages in Cook County for laborers, mechanics, and other workers engaged in construction of public works coming under the jurisdiction of the Village is hereby ascertained to be the same as the prevailing rate of wages for construction work in the Cook County area as determined by the Department of Labor of the State of Illinois as of May 2014, a copy of that determination being attached hereto and incorporated herein by reference as **Exhibit A**. As required by the Act, any and all revisions of the prevailing rate of wages by the Department of Labor of the State of Illinois shall supersede the Department’s May 2014 determination and apply to any and all public works construction undertaken by the Village.

SECTION 3. CONTRACTORS' RESPONSIBILITY. Each contractor or subcontractor engaged in construction of public works for the Village to which the general prevailing rate of hourly wages are required by the Act to be paid shall submit to the Village a certified payroll on a monthly basis, in accordance with Section 5 of the Act. The certified payroll shall consist of a complete copy of those records required to be made and kept by the Act. The certified payroll shall be accompanied by a statement signed by the contractor or subcontractor that certifies that: (A) such records are true and accurate; (B) the hourly rate paid is not less than the general prevailing rate of hourly wages required by the Act; and (C) the contractor or subcontractor is aware that filing a certified payroll that he or she knows to be false is a Class B misdemeanor. A general contractor may rely on the certification of a lower tier subcontractor, provided that the general contractor does not knowingly rely upon a subcontractor’s false certification. Upon two business days’ notice, the contractor and each subcontractor shall make available for inspection

the records required to be made and kept by the Act: (i) to the Village and its officers and agents and to the Director of the Illinois Department of Labor and his or her deputies and agents; and (ii) at all reasonable hours at a location within the State.

SECTION 4. DEFINITIONS; APPLICABILITY. The definition of any term appearing in this Resolution that also is used in the Act shall be the same as in the Act. Nothing in this Resolution shall be construed to apply to the general prevailing rate of wages for Cook County, as ascertained pursuant to this Resolution, to any work or employment except public works construction of the Village conducted in Cook County to the extent required by the Act.

SECTION 5. POSTING AND INSPECTION. The Village Clerk shall publicly post or keep available for inspection by any interested party in the main office of the Village this determination or any revisions to the prevailing rate of wages for Cook County. A copy of this determination or of any revised determination of prevailing rate of wages for Cook County then in effect shall be attached to all public works construction contract specifications.

SECTION 6. FILING. The Village Clerk shall promptly file a certified copy of this Resolution with both the Secretary of State Index Division of the State of Illinois and the Department of Labor of the State of Illinois.

SECTION 7. PUBLICATION. The Village Clerk shall cause a copy of this Resolution to be published in a newspaper of general circulation within the area within 30 days after its filing with the Secretary of State Index Division of the State of Illinois and the Department of Labor of the State of Illinois, and such publication shall constitute notice that this determination is effective and that this is the determination of the Village.

SECTION 8. MAILING UPON REQUEST. The Village Clerk shall mail a copy of this determination to any employer, and to any association of employers, and to any person or association of employees who have filed their names and addresses, requesting copies of any determination stating the particular rates and the particular class of workers whose wages will be affected by such rates.

SECTION 9. EFFECTIVE DATE. This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

[SIGNATURE PAGE FOLLOWS]

PASSED this ____ day of _____, 2014.

AYES: _____

NAYS: _____

ABSENT: _____

ABSTENTION: _____

APPROVED by me this ____ day of _____, 2014.

Gerald C. Turry, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office this
____ day of _____, 2014

Beryl Herman, Village Clerk
Village of Lincolnwood, Cook County, Illinois

Exhibit A

Illinois Department of Labor Prevailing Wages for Cook County
May 2014

Cook County Prevailing Wage for May 2014

(See explanation of column headings at bottom of wages)

Trade Name	RG	TYP	C	Base	FRMAN	M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
=====	==	===	=	=====	=====	=====	===	===	=====	=====	=====	=====
ASBESTOS ABT-GEN		ALL		37.100	37.600	1.5	1.5	2.0	13.38	9.520	0.000	0.500
ASBESTOS ABT-MEC		BLD		35.100	37.600	1.5	1.5	2.0	11.17	10.76	0.000	0.720
BOILERMAKER		BLD		44.240	48.220	2.0	2.0	2.0	6.970	17.54	0.000	0.350
BRICK MASON		BLD		41.580	45.740	1.5	1.5	2.0	9.700	12.80	0.000	1.040
CARPENTER		ALL		42.520	44.520	1.5	1.5	2.0	13.29	12.75	0.000	0.630
CEMENT MASON		ALL		42.350	44.350	2.0	1.5	2.0	12.16	12.35	0.000	0.430
CERAMIC TILE FNSHER		BLD		34.810	0.000	2.0	1.5	2.0	10.20	7.830	0.000	0.640
COMM. ELECT.		BLD		38.000	40.800	1.5	1.5	2.0	8.420	11.30	1.100	0.700
ELECTRIC PWR EQMT OP		ALL		44.850	49.850	1.5	1.5	2.0	10.63	14.23	0.000	0.450
ELECTRIC PWR GRNDMAN		ALL		34.980	49.850	1.5	1.5	2.0	8.290	11.10	0.000	0.350
ELECTRIC PWR LINEMAN		ALL		44.850	49.850	1.5	1.5	2.0	10.63	14.23	0.000	0.450
ELECTRICIAN		ALL		43.000	46.000	1.5	1.5	2.0	12.83	14.27	0.000	0.750
ELEVATOR CONSTRUCTOR		BLD		49.900	56.140	2.0	2.0	2.0	12.73	13.46	3.990	0.600
FENCE ERECTOR		ALL		34.840	36.840	1.5	1.5	2.0	12.86	10.67	0.000	0.300
GLAZIER		BLD		40.000	41.500	1.5	2.0	2.0	12.49	15.99	0.000	0.940
HT/FROST INSULATOR		BLD		46.950	49.450	1.5	1.5	2.0	11.17	11.96	0.000	0.720
IRON WORKER		ALL		42.070	44.070	2.0	2.0	2.0	13.45	19.59	0.000	0.350
LABORER		ALL		37.000	37.750	1.5	1.5	2.0	13.38	9.520	0.000	0.500
LATHER		ALL		42.520	44.520	1.5	1.5	2.0	13.29	12.75	0.000	0.630
MACHINIST		BLD		43.920	46.420	1.5	1.5	2.0	6.760	8.950	1.850	0.000
MARBLE FINISHERS		ALL		30.520	0.000	1.5	1.5	2.0	9.700	12.55	0.000	0.590
MARBLE MASON		BLD		40.780	44.860	1.5	1.5	2.0	9.700	12.71	0.000	0.740
MATERIAL TESTER I		ALL		27.000	0.000	1.5	1.5	2.0	13.38	9.520	0.000	0.500
MATERIALS TESTER II		ALL		32.000	0.000	1.5	1.5	2.0	13.38	9.520	0.000	0.500
MILLWRIGHT		ALL		42.520	44.520	1.5	1.5	2.0	13.29	12.75	0.000	0.630
OPERATING ENGINEER		BLD	1	46.100	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	2	44.800	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	3	42.250	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	4	40.500	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	5	49.850	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	6	47.100	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	7	49.100	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		FLT	1	51.300	51.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		FLT	2	49.800	51.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		FLT	3	44.350	51.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		FLT	4	36.850	51.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		FLT	5	52.800	51.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		HWY	1	44.300	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	2	43.750	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	3	41.700	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	4	40.300	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	5	39.100	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	6	47.300	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	7	45.300	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
ORNAMNTL IRON WORKER		ALL		42.900	45.400	2.0	2.0	2.0	13.11	16.40	0.000	0.600
PAINTER		ALL		40.750	45.500	1.5	1.5	1.5	10.75	11.10	0.000	0.770
PAINTER SIGNS		BLD		33.920	38.090	1.5	1.5	1.5	2.600	2.710	0.000	0.000
PILEDRIIVER		ALL		42.520	44.520	1.5	1.5	2.0	13.29	12.75	0.000	0.630
PIPEFITTER		BLD		46.000	49.000	1.5	1.5	2.0	9.000	15.85	0.000	1.680
PLASTERER		BLD		41.250	43.730	1.5	1.5	2.0	11.10	11.69	0.000	0.550
PLUMBER		BLD		46.050	48.050	1.5	1.5	2.0	12.53	10.06	0.000	0.880
ROOFER		BLD		39.200	42.200	1.5	1.5	2.0	8.280	9.690	0.000	0.430

SHEETMETAL WORKER	BLD	41.210	44.510	1.5	1.5	2.0	10.48	19.41	0.000	0.660
SIGN HANGER	BLD	30.210	30.710	1.5	1.5	2.0	4.850	3.030	0.000	0.000
SPRINKLER FITTER	BLD	49.200	51.200	1.5	1.5	2.0	10.75	8.850	0.000	0.450
STEEL ERECTOR	ALL	42.070	44.070	2.0	2.0	2.0	13.45	19.59	0.000	0.350
STONE MASON	BLD	41.580	45.740	1.5	1.5	2.0	9.700	12.80	0.000	1.040
SURVEY WORKER	ALL	37.000	37.750	1.5	1.5	2.0	12.97	9.930	0.000	0.500
TERRAZZO FINISHER	BLD	36.040	0.000	1.5	1.5	2.0	10.20	9.900	0.000	0.540
TERRAZZO MASON	BLD	39.880	42.880	1.5	1.5	2.0	10.20	11.25	0.000	0.700
TILE MASON	BLD	41.840	45.840	2.0	1.5	2.0	10.20	9.560	0.000	0.880
TRAFFIC SAFETY WRKR	HWY	28.250	29.850	1.5	1.5	2.0	4.896	4.175	0.000	0.000
TRUCK DRIVER	E ALL 1	33.850	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	E ALL 2	34.100	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	E ALL 3	34.300	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	E ALL 4	34.500	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	W ALL 1	32.550	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W ALL 2	32.700	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W ALL 3	32.900	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W ALL 4	33.100	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TUCKPOINTER	BLD	41.950	42.950	1.5	1.5	2.0	8.180	11.78	0.000	0.630

Legend:

RG (Region)
TYP (Trade Type - All, Highway, Building, Floating, Oil & Chip, Rivers)
C (Class)
Base (Base Wage Rate)
FRMAN (Foreman Rate)
M-F>8 (OT required for any hour greater than 8 worked each day, Mon through Fri.)
OSA (Overtime (OT) is required for every hour worked on Saturday)
OSH (Overtime is required for every hour worked on Sunday and Holidays)
H/W (Health & Welfare Insurance)
Pensn (Pension)
Vac (Vacation)
Trng (Training)

Explanations

COOK COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical

systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS ELECTRICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble,

holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors,

All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane: Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine -

Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

SURVEY WORKER - Operated survey equipment including data collectors, G.P.S. and robotic instruments, as well as conventional levels and transits.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

TRAFFIC SAFETY

Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary lane markings, and the installation and removal of temporary road signs.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task,

the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

Request for Board Action

REFERRED TO BOARD: June 3, 2014

AGENDA ITEM NO: 2

ORIGINATING DEPARTMENT: Community Development

SUBJECT: Approval of a Recommendation by the Plan Commission to Adopt an Ordinance
Granting Verizon Wireless a Special Use Permit for the Construction of Personal Wireless
Service Facilities on an Existing Freestanding Tower at 7017 North Central Park Avenue

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

Mike Bieniek, of Lora, Chanthadouangsy & Castellanos, LLC, on behalf of Verizon Wireless, is seeking Special Use authorization to install three new antennas on the existing freestanding tower located at 7017 North Central Park Avenue. American Tower Corporation is the owner and operator of this existing 100-foot-tall freestanding tower, located near the Village's water tower.

The antenna proposed by Verizon would be installed at approximately 30 feet above grade. In addition to the new antenna proposed on the existing tower, Verizon would install ground equipment at the base of the tower within the existing fenced area. The subject property is within the M-B Manufacturing/Business District and the Zoning Code requires Special Use authorization for all wireless facilities in the M-B District.

Public Hearing

A Public Hearing on this matter was held by the Plan Commission on May 7, 2014. Ms. Wanchay Itmis, of Lora, Chanthadouangsy & Castellanos, LLC, testified that the new equipment is necessary in order to improve coverage and quality of service to their wireless customers in the area. Ms. Itmis explained that the relatively low height of the proposed antenna is due to "small cell technology" which is becoming more common in areas lacking tall towers. Ms. Itmis stated that the technology can help alleviate dropped calls.

Mr. Stan Wilk of the Village's Telecommunications Advisory Commission was present and advised the Plan Commission that he was present to observe and that he did not have objections to the application. No other public testimony was received.

Plan Commission Recommendation

In considering this matter, the Plan Commission concurred with the findings submitted by the applicant and, by a 6-0 vote, recommends approval of the Special Use to permit the installation of new wireless antennas at 30 feet above grade on the existing freestanding tower, as well as the installation of new ground equipment.

Attached is the proposed Ordinance to approve the requested Special Use, consistent with the unanimous recommendation of the Plan Commission.

FINANCIAL IMPACT:

N/A

DOCUMENTS ATTACHED:

1. Proposed Ordinance
2. Excerpt May 7, 2014 Plan Commission Minutes (Draft)
3. May 7, 2014 Plan Commission Packet
 - a. Staff Report to Plan Commission
 - b. Special Use Application
 - c. Site Lease Agreement
 - d. Structural Analysis Report
 - e. Survey
 - f. Proposed Plans Prepared by Edge Consulting Engineers, Inc.

RECOMMENDED MOTION:

Move to concur with the recommendation of the Plan Commission and approve an Ordinance granting Special Use approval for the installation of new wireless antennas on the existing freestanding tower and the installation of ground equipment at 7017 North Central Park Avenue.

THIS SPACE FOR RECORDERS USE ONLY

VILLAGE OF LINCOLNWOOD

ORDINANCE NO. 2014-_____

**AN ORDINANCE GRANTING A SPECIAL USE PERMIT
FOR THE CONSTRUCTION OF PERSONAL WIRELESS SERVICE FACILITIES**

(7017 North Central Park Avenue)

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF LINCOLNWOOD
THIS _____ DAY OF _____, 2014.

Published in pamphlet form
by the authority of the
President and Board of Trustees
of the Village of Lincolnwood,
Cook County, Illinois this
_____ day of _____, 2014

Village Clerk

**AN ORDINANCE GRANTING A SPECIAL USE PERMIT
FOR THE CONSTRUCTION OF PERSONAL WIRELESS SERVICE FACILITIES**

(7017 North Central Park Avenue)

WHEREAS, the Village is the record title owner of that certain property located in the MB Light Manufacturing/Business District ("**MB District**"), commonly known as 7017 North Central Park Avenue, and legally described in **Exhibit A** attached to and, by this reference, made a part of this Ordinance ("**Property**"); and

WHEREAS, the Property is currently improved with a 100-foot-high self-supporting lattice tower ("**Tower**"); and

WHEREAS, the Chicago SMSA Limited Partnership d/b/a Verizon Wireless ("**Applicant**") desires to install new antennas and additional personal wireless service facilities on the Tower (collectively, the "**Proposed Facilities**"); and

WHEREAS, pursuant to Section 10.04(1) of the "The Village of Lincolnwood Zoning Ordinance," as amended ("**Zoning Ordinance**"), personal wireless service facilities may not be constructed or installed in the M-B District except upon issuance of a special use permit by the Board of Trustees; and; and

WHEREAS, in order to allow the construction and use of the Proposed Facilities on the Property, the Applicant, with the consent of the Owner of the Tower, has filed an application for a special use permit to allow the installation of the Proposed Facilities on the Property ("**Requested Special Use Permit**"); and

WHEREAS, a public hearing of the Plan Commission of the Village of Lincolnwood to consider approval of the Requested Special Use Permit was duly advertised in the *Lincolnwood Review* on April 17, 2014, and held on May 7, 2014; and

WHEREAS, on May 7, 2014, the Plan Commission made findings and recommendations in support of the Requested Special Use Permit, subject to specified conditions; and

WHEREAS, the Village President and Board of Trustees have determined that the Requested Special Use Permit meets the required standards for special use permits as set forth in Articles V and X of the Zoning Ordinance; and

WHEREAS, the Village President and Board of Trustees have determined that it will serve and be in the best interests of the Village to grant the Requested Special Use Permit, subject to the conditions, restrictions, and provisions of this Ordinance;

NOW, THEREFORE, BE IT ORDAINED BY THE VILLAGE PRESIDENT AND BOARD OF TRUSTEES OF LINCOLNWOOD, COOK COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance.

SECTION 2. APPROVAL OF SPECIAL USE PERMIT. In accordance with, and pursuant to, Article V of the Zoning Ordinance and the home rule powers of the Village, and subject to, and contingent upon, the conditions, restrictions, and provisions set forth in Section 3 of this Ordinance, the Village President and Board of Trustees hereby grant a special use permit to the Applicant for the construction and use of the Proposed Facilities on the Property.

SECTION 3. CONDITIONS. Notwithstanding any use or development right that may be applicable or available pursuant to the provisions of the Zoning Ordinance, the approval granted pursuant to Section 2 of this Ordinance is hereby expressly subject to, and contingent upon, the development, use, and maintenance of the Proposed Facilities, the Tower, and the Property in compliance with each and all of the following conditions:

- A. Compliance with Laws. Except to the extent specifically provided otherwise in this Ordinance, the development, use, operation, and maintenance of the Proposed Facilities, the Tower, and the Property must comply at all times with all applicable Village codes and ordinances, as the same have been or may be amended from time to time.
- B. Compliance with Plans. Except for minor changes and site work approved by the Village Zoning Officer or the Village Engineer (for matters within their respective permitting authorities) in accordance with all applicable Village standards, the development, use, operation, and maintenance of the Proposed Facilities, the Tower, and the Property must comply with these certain plans consisting of 12 sheets and prepared by Edge Consulting Engineers, Inc., with a latest revision date of March 11, 2014, a copy of which is attached to and, by this reference, made a part of this Ordinance as **Exhibit B** ("**Plans**").
- C. Surety Bond. In accordance with Section 10.08(2)(vi) of the Zoning Ordinance, the Applicant must deposit with the Village a surety bond in the amount of \$10,000, in a form approved by the Village Attorney, as security for the removal of the Proposed Facilities.
- D. Reimbursement of Village Costs. In addition to any other costs, payments, fees, charges, contributions, or dedications required under applicable Village codes, ordinances, resolutions, rules, or regulations, the Applicant must pay to the Village, promptly upon presentation of a written demand or demands therefor, all legal fees, costs, and expenses incurred or accrued in connection with the review, negotiation, preparation, consideration, and review of this Ordinance. Payment of all such fees, costs, and expenses for which demand has been made must be made by a certified or cashier's check. Further, the Applicant must pay upon demand all costs incurred by the Village for publications and recordings required in connection with the aforesaid matters.

SECTION 4. RECORDATION; BINDING EFFECT. A copy of this Ordinance will be recorded with the Cook County Recorder of Deeds. This Ordinance and the privileges, obligations, and provisions contained herein inure solely to the benefit of, and are binding upon, the Owner, the Applicant, and each of their heirs, representatives, successors, and assigns.

SECTION 5. FAILURE TO COMPLY WITH CONDITIONS. Upon the failure or refusal of the Owner or the Applicant to comply with any or all of the conditions, restrictions, or provisions of this Ordinance, as applicable, the approval granted in Section 2 of this Ordinance may, at the sole discretion of the Village President and Board of Trustees, by ordinance duly adopted, be revoked and become null and void; provided, however, that the Village President and Board of Trustees may not so revoke the approval granted in Section 2 of this Ordinance unless they first provide the Owner and the Applicant with two months advance written notice of the reasons for revocation and an opportunity to be heard at a regular meeting of the Village President and Board of Trustees. In the event of revocation, the development and use of the Property will be governed solely by the regulations of the M-B District, and the applicable provisions of the Zoning Ordinance, as the same may, from time to time, be amended. Further, in the event of such revocation, the Village Manager and Village Attorney are hereby authorized and directed to bring such zoning enforcement action as may be appropriate under the circumstances.

SECTION 6. AMENDMENTS. Any amendments to the approval granted in Section 2 of this Ordinance that may be requested after the effective date of this Ordinance may be granted only pursuant to the procedures, and subject to the standards and limitations, provided in the Zoning Ordinance.

SECTION 7. SEVERABILITY. If any provision of this Ordinance or part thereof is held invalid by a court of competent jurisdiction, the remaining provisions of this Ordinance are to remain in full force and effect, and are to be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Ordinance to the greatest extent permitted by applicable law.

SECTION 8. EFFECTIVE DATE.

- A. This Ordinance will be effective only upon the occurrence of all of the following events:
 - 1. Passage by the Village President and Board of Trustees in the manner required by law;
 - 2. Publication in pamphlet form in the manner required by law;
 - 3. The posting by the Applicant of the surety bond required pursuant to Section 3.C of this Ordinance; and
 - 4. The filing by the Owner and the Applicant with the Village Clerk of an Unconditional Agreement and Consent, in the form of **Exhibit C** attached to and, by this reference, made a part of this Ordinance, to accept and abide by each and all of the terms, conditions, and limitations set forth in this Ordinance and to indemnify the Village for any claims that may arise in connection with the approval of this Ordinance.
- B. In the event the Owner or the Applicant does not file fully executed copies of the Unconditional Agreement and Consent, as required by Section 8.A.4 of this

Ordinance, within 30 days after the date of final passage of this Ordinance, the Village President and Board of Trustees will have the right, in their sole discretion, to declare this Ordinance null and void and of no force or effect.

PASSED this ____ day of June, 2014.

AYES: _____

NAYS: _____

ABSENT: _____

ABSTENTION: _____

APPROVED by me this ____ day of June, 2014.

Gerald C. Turry, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office this
____ day of June, 2014

Beryl Herman, Village Clerk
Village of Lincolnwood, Cook County, Illinois

EXHIBIT A

LEGAL DESCRIPTION OF THE PROPERTY

That part of Lot 5 in Andrew Barkules and Sons Subdivision in the Northwest Quarter of the Northeast Quarter of Section 35, Township 41, North, Range 13, East of the Third Principle Meridian, said Andrew Barkules and Sons Subdivision recorded on June 24, 1966 as Document No. 19867378, bounded and described as follows: Commencing at the most southwesterly corner of said Lot 5; thence North 00 degrees, 01 minutes, 30 seconds west, being an assumed bearing on the west line of the Northwest Quarter of the Northeast Quarter of said Section 35, also being the most westerly line of said Lot 5, a distance of 57.32-feet to the intersection with the southeasterly right-of--way line of Chicago and Northwestern Railway; thence north 22 degrees, 4 minutes, 3 seconds east on the southeasterly right-of--way line of said Chicago and Northwestern Railway, also being the Northwesterly line of said Lot 5, a distance of 107-feet to the point of beginning; thence south 67 degrees, 55 minutes, 30 seconds east a distance of 40-feet; thence north 22 degrees, 4 minutes, 30 seconds east a distance of 40-feet; thence north 67 degrees, 55 minutes, 30 seconds west a distance of 40.0 feet; thence south 22 degrees, 4 minutes, 30 seconds west a distance of 40.0-feet to the point of beginning, all in Cook County, Illinois.

Commonly known as: 7017 North Central Park Avenue, Lincolnwood, Illinois

P.I.N.: 10-35-200-040-0000

EXHIBIT B
PLANS



Return to VBA
AMERICAN TOWER
CORPORATION



**AMERICAN TOWER CORP.
LINCOLNWOOD [303900]
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS**

MARCH 2014

CITY PLAN REVIEW



PROJECT ID:	303900
EDGE PROJECT NO:	10211
DRAWN BY:	APK
CHECKED BY:	BDK

B	03/11/2014	CD 90's SMALL CELL	JAH
A	02/25/2014	PRELIM SMALL CELL	APK
REV.	DATE	DESCRIPTION	INT.

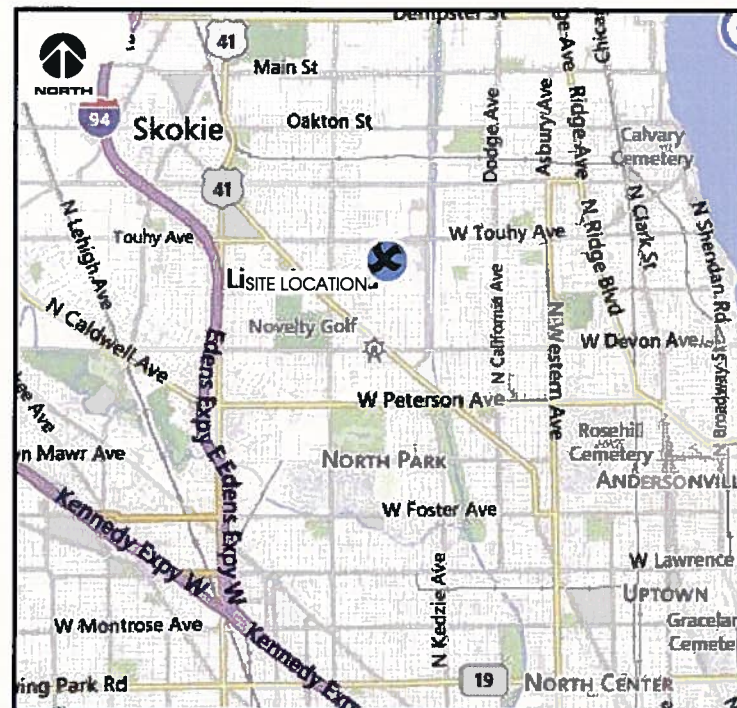


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UNLESS THEY ARE ACTING UNDER THE
DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER, TO ALTER THIS DOCUMENT.

LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE
**TITLE SHEET &
PROJECT DATA**

SHEET NUMBER
T-1



SITE LOCATION MAPS



SITE LOCATION SCAN

SHEET INDEX:

NO.:	PAGE TITLE:
T-1	TITLE SHEET & PROJECT DATA
1-2	SITE SURVEY*
C-1	SITE PLAN
C-2	COMPOUND PLAN
C-3	EQUIPMENT DETAILS
A-1	TOWER ELEVATION
A-2	ANTENNA DETAILS
A-3	ANTENNA CONFIGURATION
G-1	GROUNDING PLAN
G-2	GROUNDING DETAILS
E-1	ONE-LINE DIAGRAM

PREPARED BY OTHERS*

PROJECT DESCRIPTION:

PROJECT TYPE: 100' SELF-SUPPORT TOWER
PRO. ANTENNA C/L: 30' ABOVE T.O.C. (VERIFY WITH ECR)
ANTENNAS: 3 PRO. SMALL CELL ANT. (VERIFY WITH ECR)
COAX LINES: (2) PRO. FIBER CABLES (VERIFY WITH ECR)
(2) PRO. A/C POWER CABLES (VERIFY WITH ECR)
EQUIPMENT: (1) PRO. RRUS (VERIFY WITH ECR)
(1) PRO. RRUL (VERIFY WITH ECR)
GROUND EQUIPMENT: (1) CHARLES CABINET ON CONCRETE SLAB
LEASE AREAS: PRO. 3' x 6' LESSEE LEASE AREA
CONDUITS: (2) 2" CONDUITS

PROJECT DIRECTORY:

CLIENT:
AMERICAN TOWER CORP.
1101 PERIMETER DRIVE
SUITE 700
SCHAUMBURG, IL 60173
CONTACT: CHRISTOPHER FLICK
PHONE: 847.240.1508 EX. 2574

ENGINEERING COMPANY:
EDGE CONSULTING ENGINEERS, INC.
624 WATER STREET
PRAIRIE DU SAC, WI 53578
CONTACT: BRUCE KIESLING
PHONE: 608.644.1449

SITE ACQUISITION:
LORA, CHANTHADOUANGSY & CASTELLANOS, LLC
10700 WEST HIGGINS ROAD, SUITE 240
ROSEMONT, IL 60018
CONTACT: KRISTIN HERSEMAN
PHONE: 847.380.5004

FIBER PROVIDER:
AT&T
CONTACT: HENRY TORRES

PROJECT INFO:

SITE LOCATION:
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, IL 60712

LESSEE:
VERIZON WIRELESS
1515 E. WOODFIELD ROAD
10TH FLOOR
SCHAUMBURG, IL 60173
SITE NAME: LINCOLNWOOD ATC SC
VZW LOCATION #: 277176

TOWER OWNER:
AMERICAN TOWER CORP. (ATC)
1101 PERIMETER DRIVE
SUITE 700
SCHAUMBURG, IL 60173
ATC #: 303900

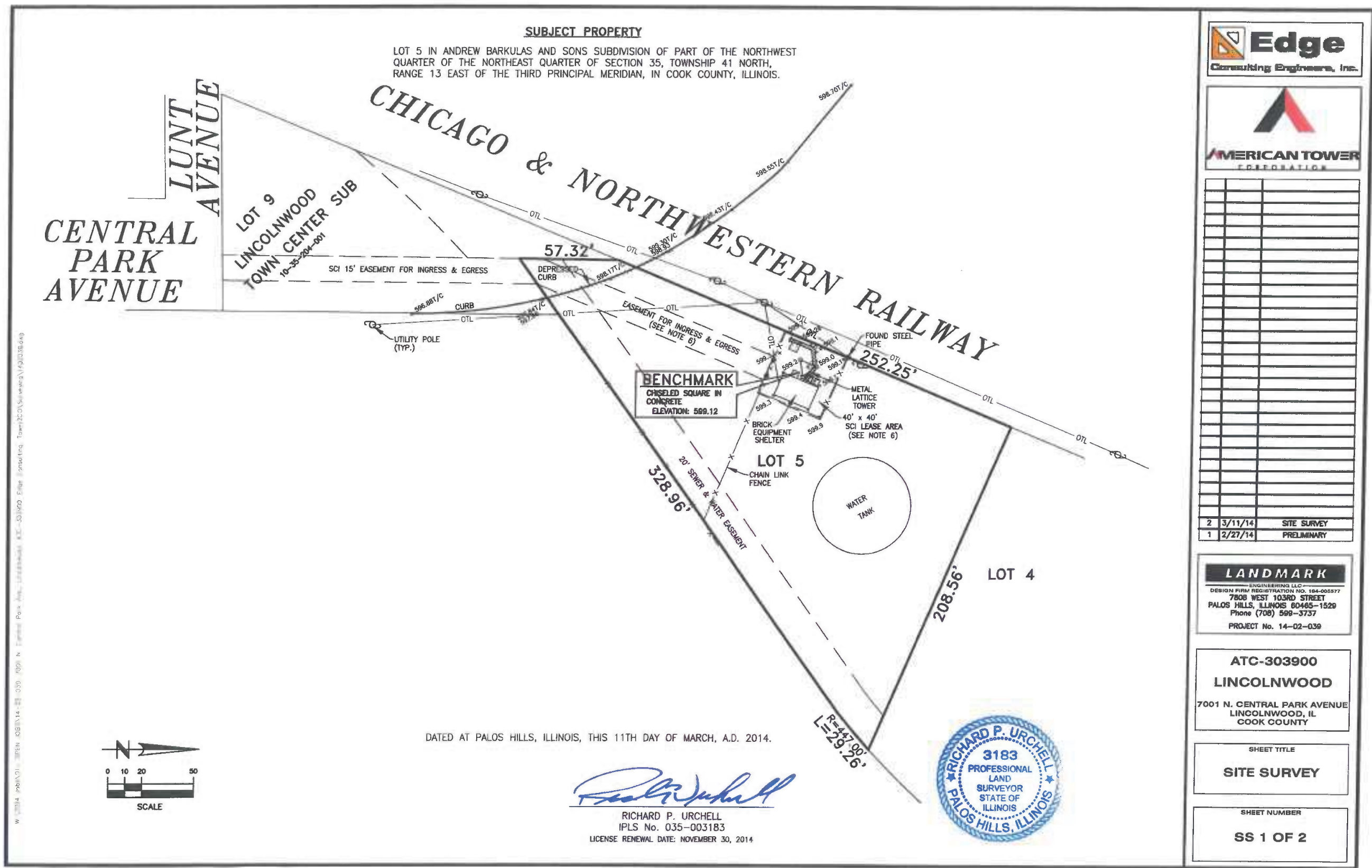
1A INFORMATION (PER ATC SITE BROCHURE)
-TOWER BASE-
LAT: 42°-00'-32.7"
LONG: 87°-43'-07.3"
GROUND ELEVATION: 600'

STRUCTURAL REVIEW

TOWER STRUCTURAL ANALYSIS COMPLETED BY
STRUCTURAL ENGINEER. REFER TO ANALYSIS BY:

AMERICAN TOWER CORPORATION
REPORT #: 56280725
DATE: 02/26/2014

CONTRACTOR TO REVIEW STRUCTURAL REPORT IN ITS
ENTIRETY. ANY DISCREPANCIES OR DISAGREEMENTS
BETWEEN THE REPORT AND THESE PLANS SHOULD BE
RESOLVED PRIOR TO CONSTRUCTION.





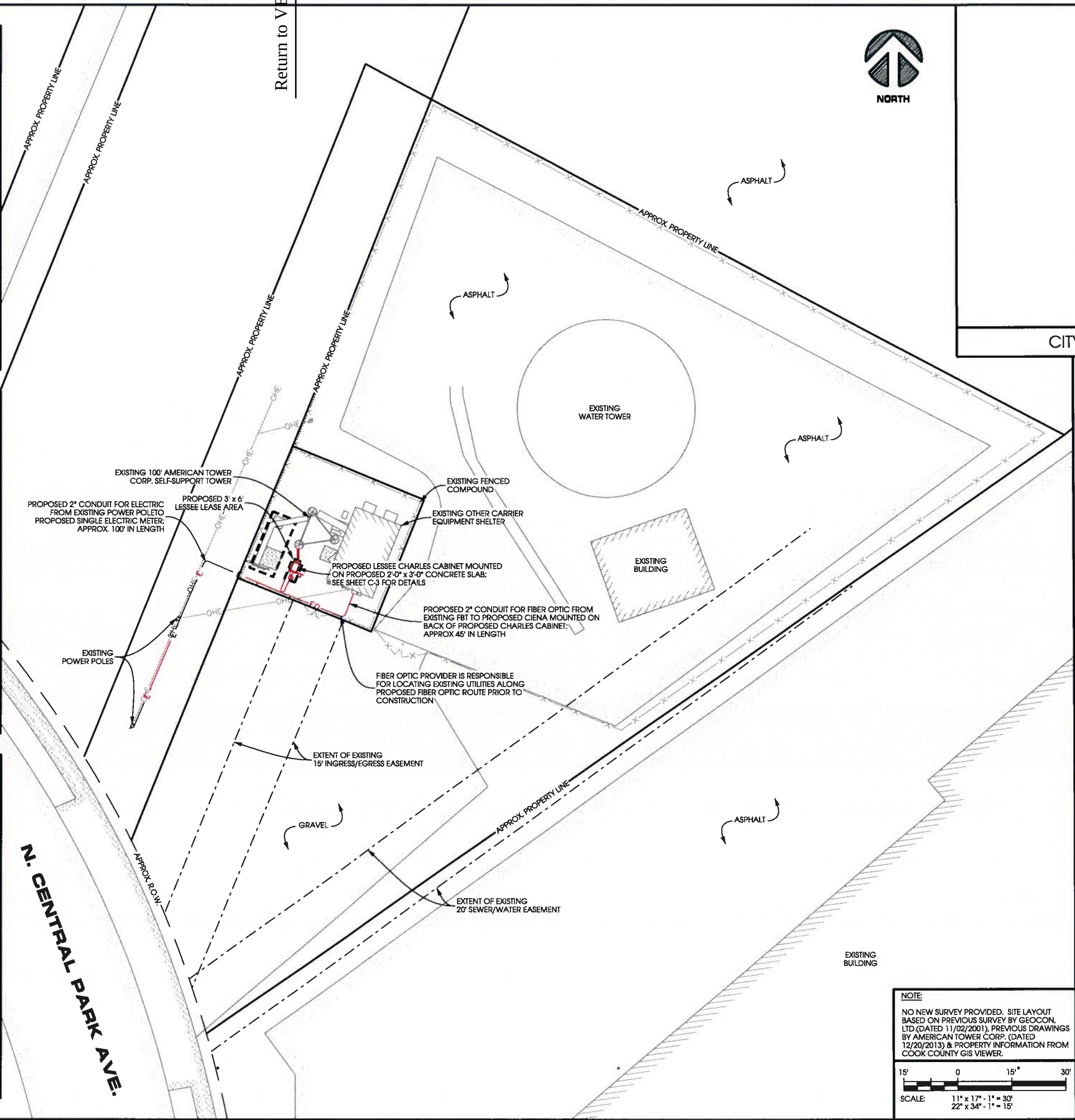
AERIAL OVERVIEW OF SITE



SITE OVERVIEW - LOOKING NORTH -



PROPOSED EQUIPMENT LOCATION - LOOKING NORTHEAST -



CITY PLAN REVIEW



PROJECT ID:	303900
EDGE PROJECT NO:	10211
DRAWN BY:	APK
CHECKED BY:	BDK

REV.	DATE	DESCRIPTION	INT.
B	03/11/2014	CD 90's SMALL CELL	JAH
A	02/25/2014	PRELIM SMALL CELL	APK



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LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

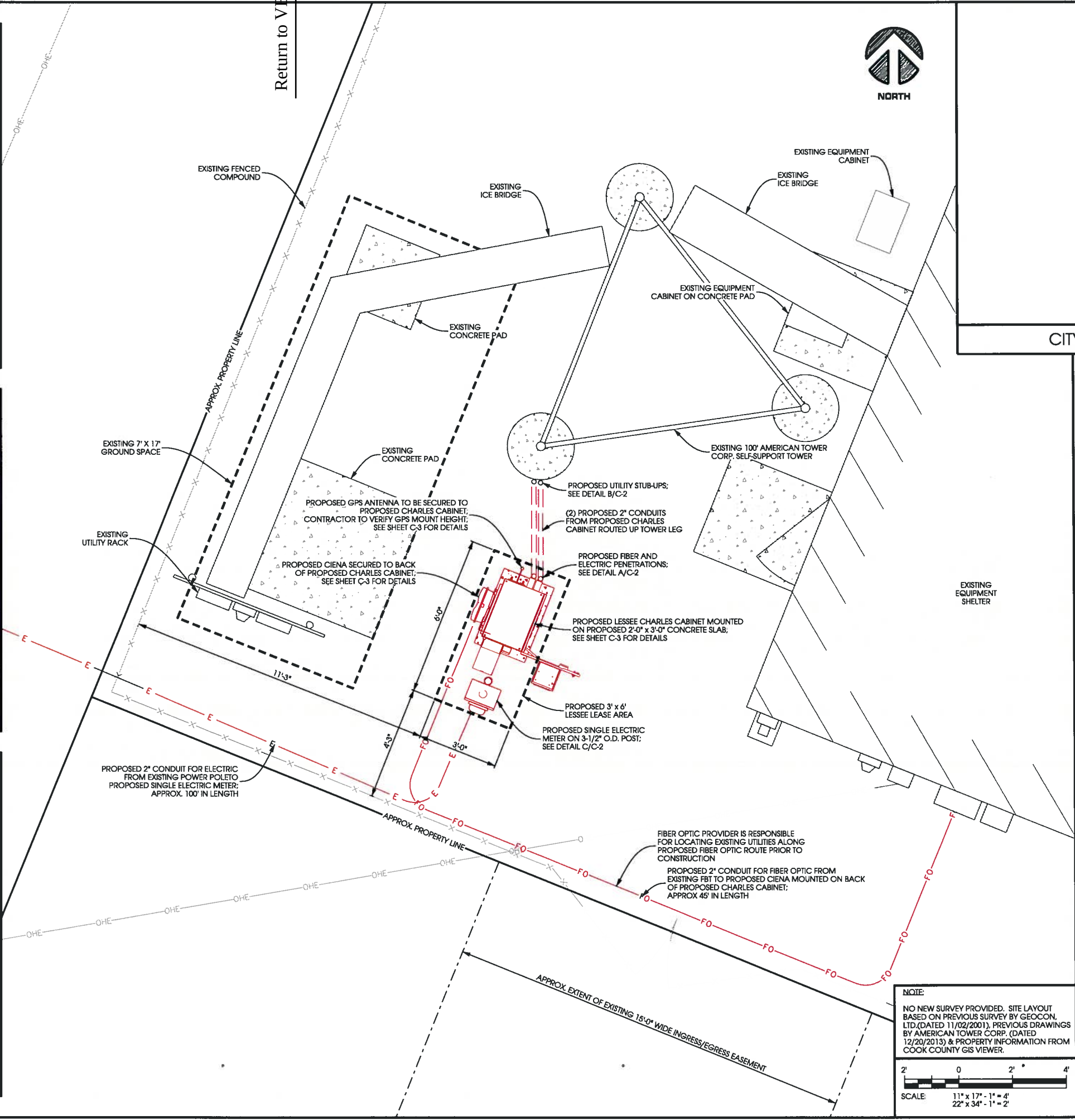
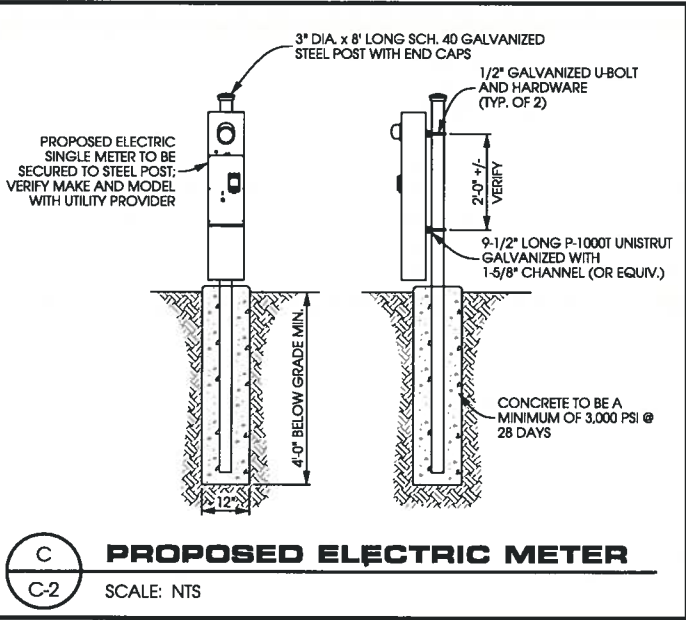
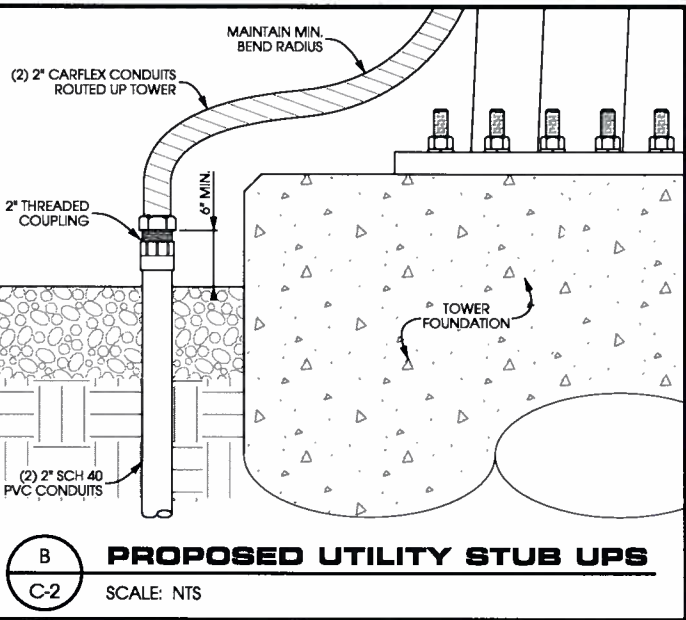
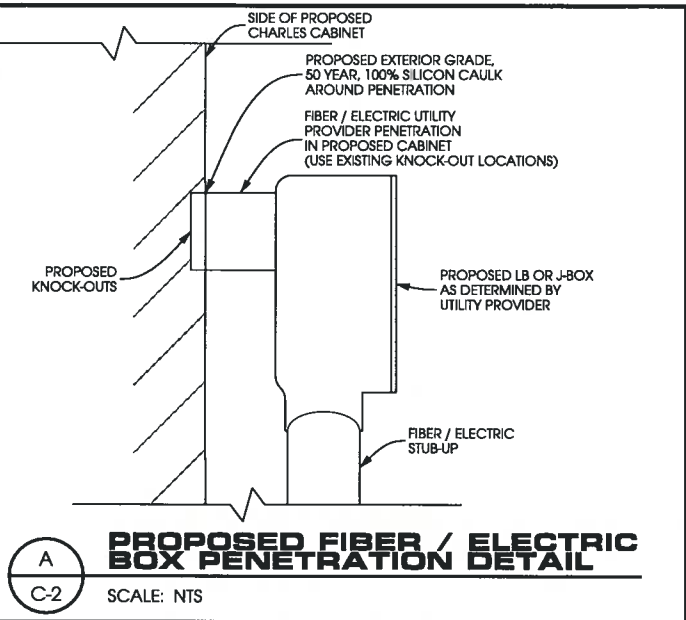
SHEET TITLE
SITE PLAN

SHEET NUMBER
C-1

NOTE:
NO NEW SURVEY PROVIDED. SITE LAYOUT BASED ON PREVIOUS SURVEY BY GEOCON, LTD. (DATED 11/02/2001). PREVIOUS DRAWINGS BY AMERICAN TOWER CORP. (DATED 12/20/2013) & PROPERTY INFORMATION FROM COOK COUNTY GIS VIEWER.

SCALE: 1" = 30'
11" x 17" - 1" = 30'
22" x 34" - 1" = 15'

E:\10200\10211\CAD\Red\Small Cell Drawings\C-1.dwg

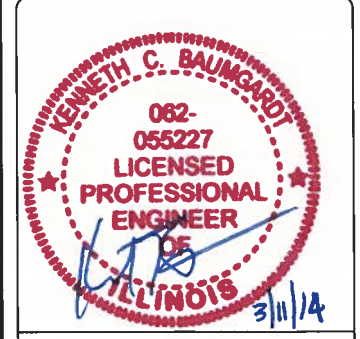


CITY PLAN REVIEW



PROJECT ID:	303900
EDGE PROJECT NO:	10211
DRAWN BY:	APK
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REV.	DATE	DESCRIPTION	INT.
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LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE
COMPOUND PLAN

SHEET NUMBER
C-2

47.1"

1.75/2.50" KNOCKOUT
(TYP. OF 4)

0.63" DIA. HOLE
(TYP. OF 4)

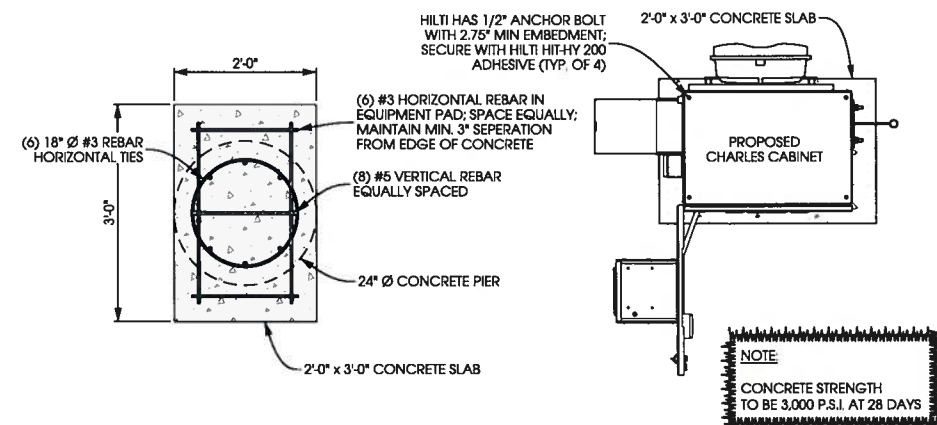
1.1"

1.0"

32.5"

42.8"

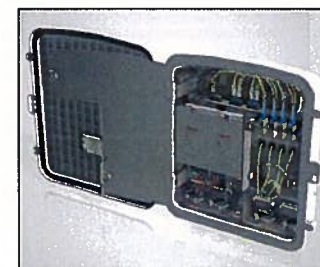
Return to VB A



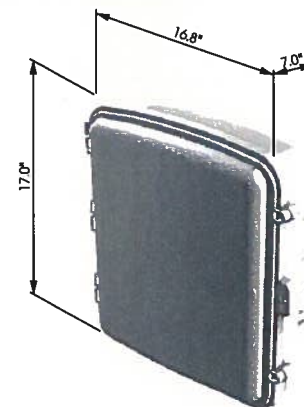
NOTE:

CONTRACTOR TO VERIFY
PROPOSED GPS ANTENNA MOUNT
HEIGHT PRIOR TO CONSTRUCTION.

ELECTRICIAN TO VERIFY
DISCONNECT MOUNTING
LOCATION



C **C**
C-3 NTS



D
C-3

Diagram illustrating the components of the GPS-U assembly:

- 1.3" O.D. x 36" LONG SUPPORT PIPE (INCLUDED)
- 1.9" - 4.5" O.D. CLAMP HALVES (INCLUDED)
- 1/2" BOLTING HARDWARE (INCLUDED)



Edge
Consulting Engineers, Inc.

PROJECT ID:	303900
EDGE PROJECT NO:	10211
DRAWN BY:	APK
CHECKED BY:	BDK

B	03/11/2014	CD 90's SMALL CELL	JAH
A	02/25/2014	PRELIM SMALL CELL	APK
REV.	DATE	DESCRIPTION	INT.



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LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE

**EQUIPMENT
DETAILS**

SHEET NUMBER

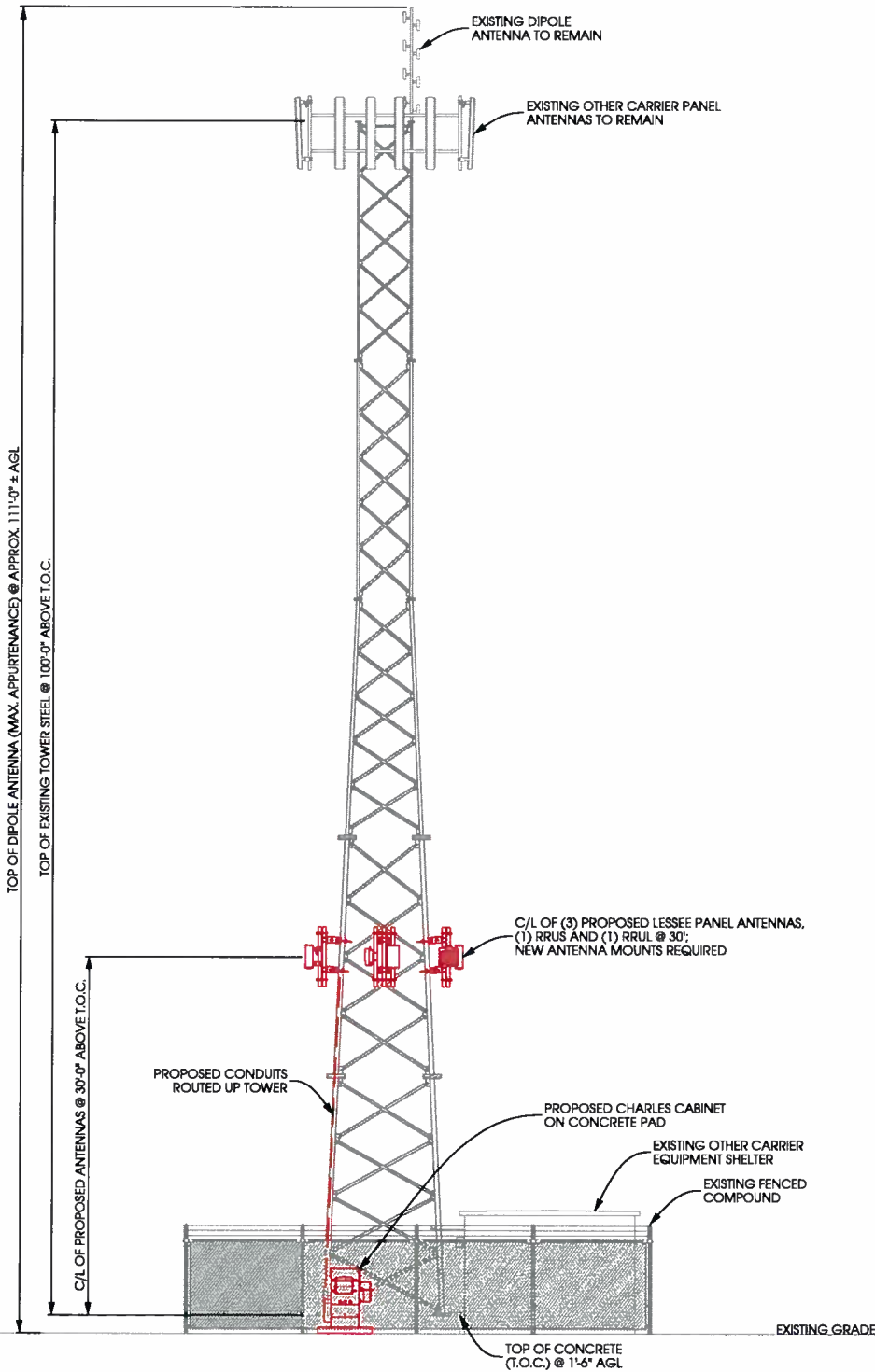
C-3

FIBER CABLE INFO TABLE	
QUANTITY FROM CHARLES CABINET:	2
LENGTH FROM CHARLES CABINET TO EQUIPMENT ON TOWER:	55'±
MODEL #:	GENERIC

JUMPER CABLE INFO TABLE	
DESCRIPTION:	
ALPHA SECTOR:	15'± FROM RRU TO ALPHA SECTOR ANTENNA
BETA SECTOR:	15'± FROM RRU TO BETA SECTOR ANTENNA
GAMMA SECTOR:	15'± FROM RRU TO GAMMA SECTOR ANTENNA

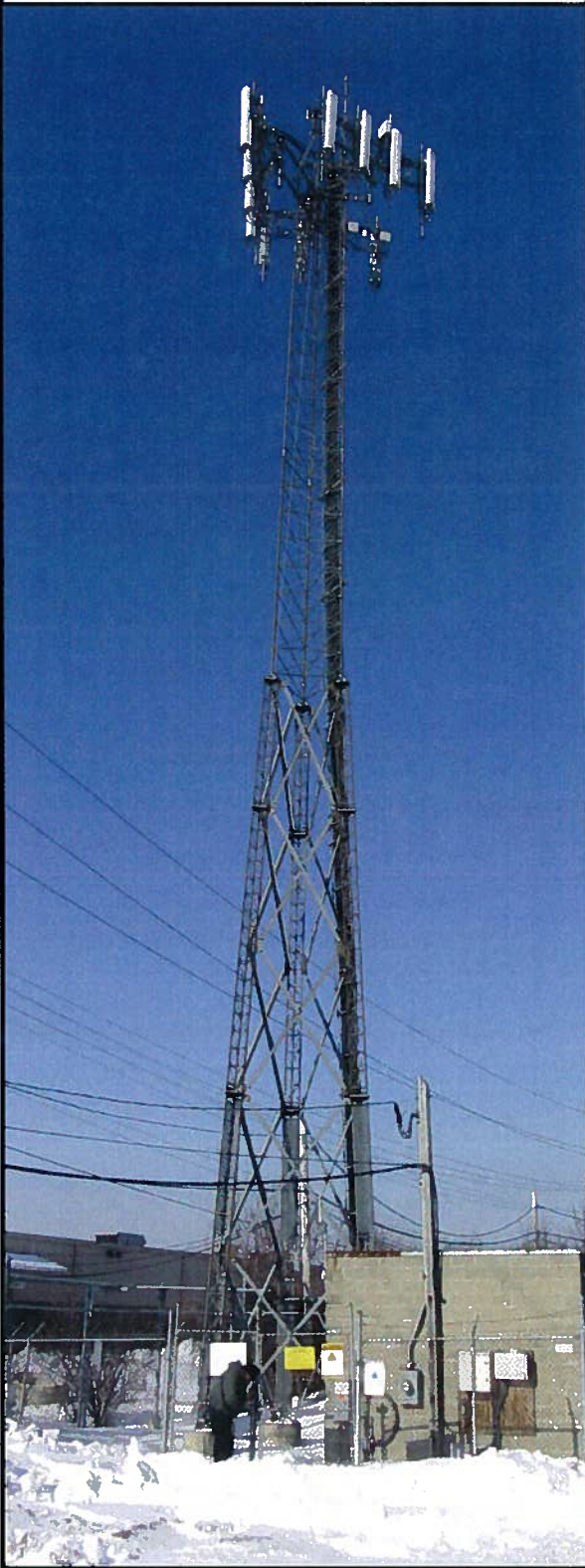
NOTES:
CONTRACTOR TO VERIFY HEIGHT AND DIRECTION OF ANTENNA WITH PROJECT MANAGER & FINAL RF DESIGN.
ALL ANTENNA AZIMUTHS TO BE FROM TRUE NORTH.

COLLOCATION NOTE:
REFER TO STRUCTURAL ANALYSIS AS IDENTIFIED ON T-1.
CONTRACTOR TO THOROUGHLY REVIEW THE TOWER STRUCTURAL ANALYSIS FOR INFORMATION PERTAINING TO TOWER UPGRADES, MOUNTING TYPES, ANTENNA HEIGHTS, AND COAX ROUTING. ANY DISCREPANCIES BETWEEN THE DRAWINGS, STRUCTURAL ANALYSIS, AND TOWER PLANS SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER PRIOR TO BIDDING AND INSTALLATION.



A
TOWER PROFILE (SOUTH ELEVATION)
SCALE: 11" x 17" - 1" = 15'
22" x 34" - 1" = 7'-6"

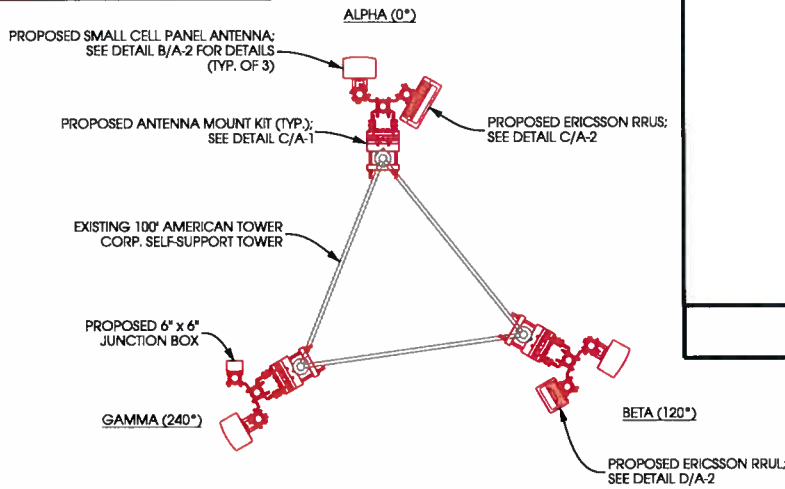
Return to VBA



**EXISTING TOWER PROFILE
- LOOKING NORTHWEST -**

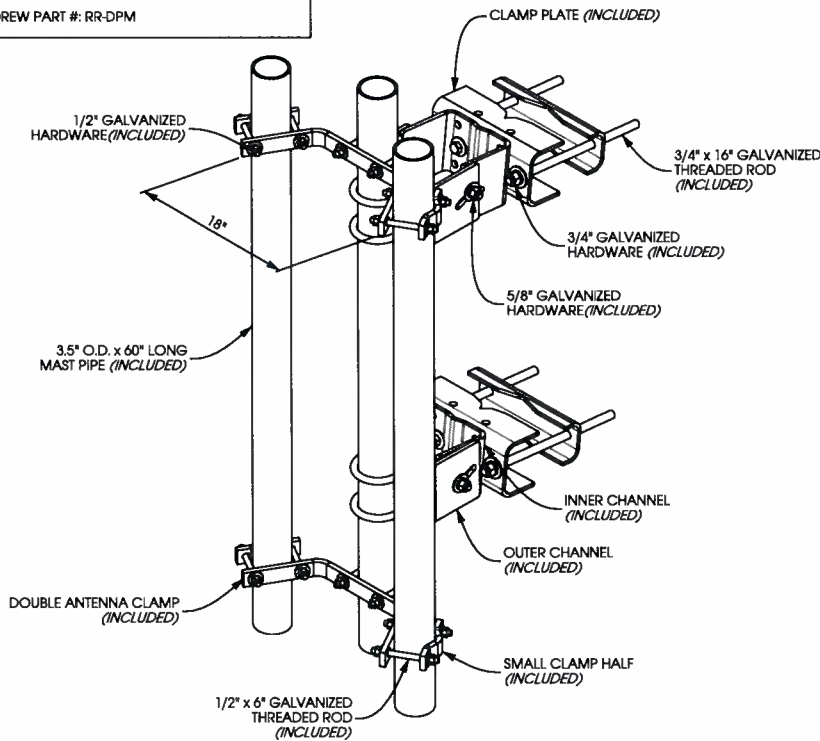
- ANTENNA LEGEND:
- PROPOSED SMALL CELL ANTENNA
 - PROPOSED RRU
 - PROPOSED RRUL
 - PROPOSED 6" x 6" JUNCTION BOX

NOTE:
ALL ANTENNA AZIMUTHS TO BE FROM TRUE NORTH.



B
PROPOSED ANTENNA ORIENTATION
SCALE: NTS

DUAL PIPE MOUNT:
DUAL PIPE MOUNT FOR STRAIGHT OR TAPERED LEGS UP TO 8-5/8" O.D., 8" ANGLE 60°, OR 6" ANGLE 90°
ANDREW PART #: RR-DPM



C
PROPOSED ANTENNA MOUNT DETAIL
SCALE: NTS

CITY PLAN REVIEW

Edge
Consulting Engineers, Inc.

PROJECT ID: 303900
EDGE PROJECT NO: 10211
DRAWN BY: APK
CHECKED BY: BDK

REV.	DATE	DESCRIPTION	INT.
B	03/11/2014	CD 90's SMALL CELL	JAH
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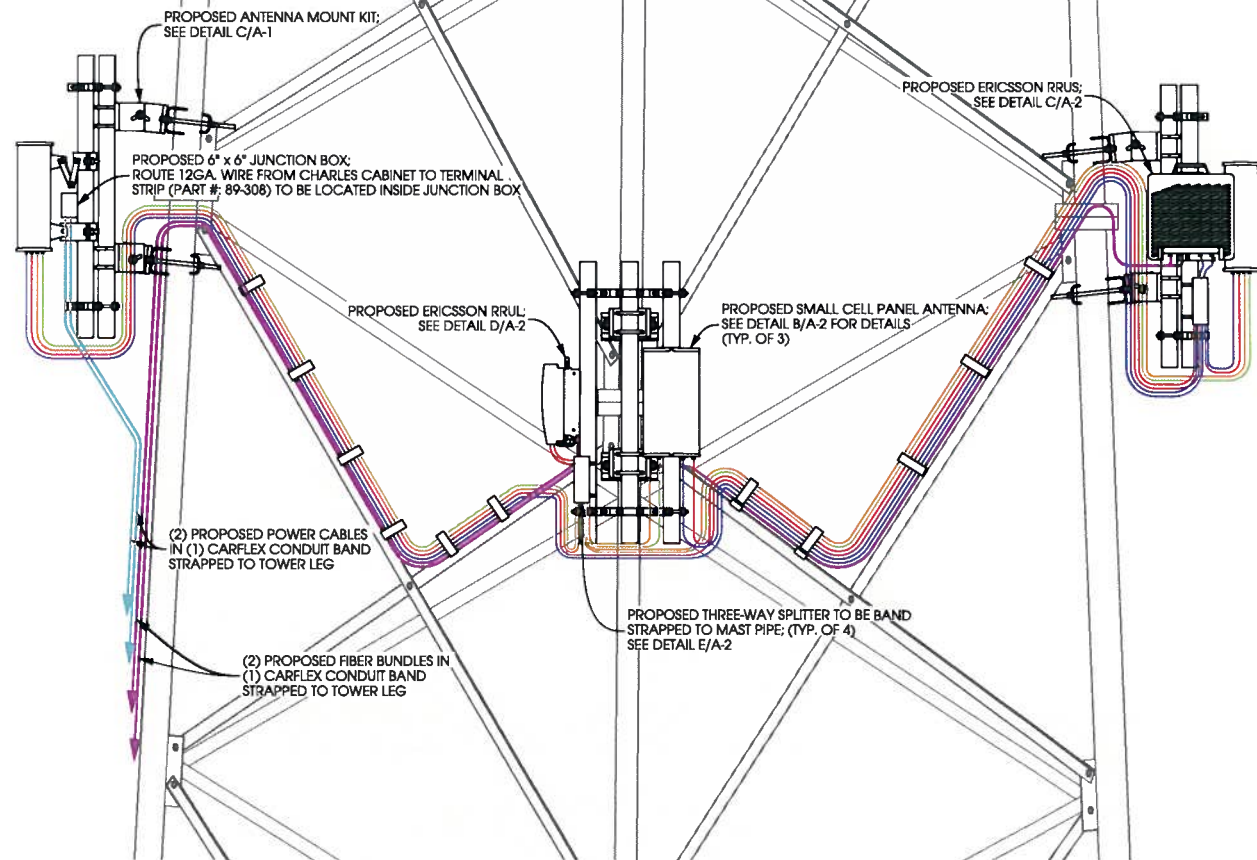


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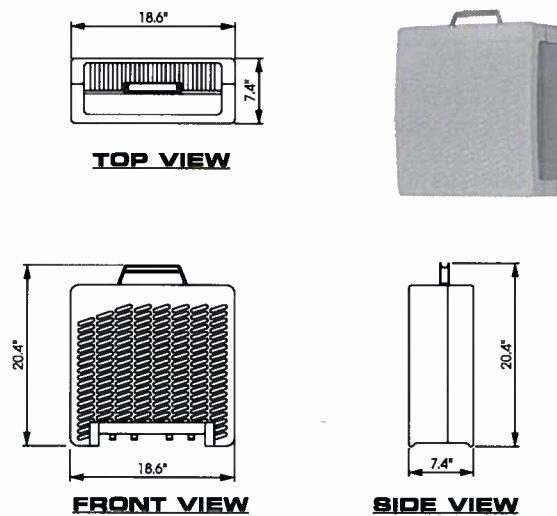
LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE
TOWER ELEVATION

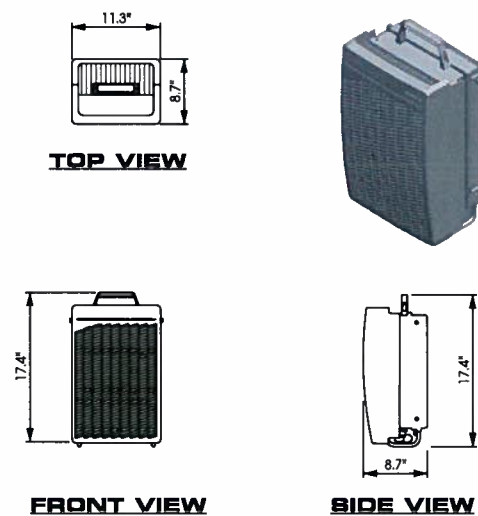
SHEET NUMBER
A-1



A CABLING DIAGRAM
A-2 SCALE: NTS



C ERICSSON RRUS UNIT
A-2 SCALE: NTS



D ERICSSON RRUL UNIT
A-2 SCALE: NTS

696-900 / 1710-2170 MHz

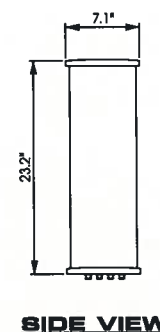
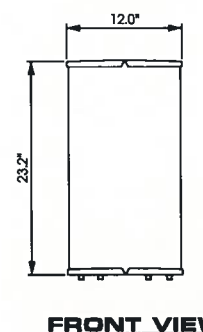
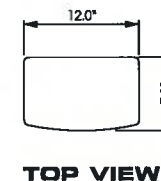


QXW-632X634XBF-EDIN

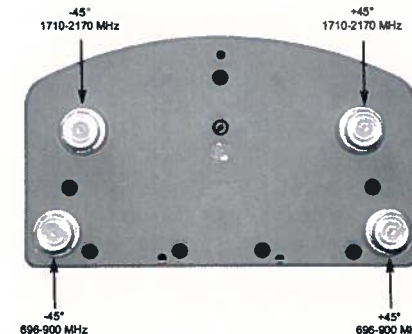
XX-Pol | Dual Band FET Panel | 63° / 63° | 11.6 / 14.3 dBi

Replace "X" with desired electrical downtilt

Electrical Characteristics		696-900 MHz		1710-2170 MHz	
Frequency bands	696-906	806-900	1710-1880	1850-1990	1900-2170
Polarization	±45°			±45°	
Horizontal beamwidth	70°	65°	65°	63°	61°
Vertical beamwidth	37°	35°	18°	18°	18°
Gain	9.0 dBi / 11.1 dBi	9.5 dBi / 11.6 dBi	11.8 dBi / 13.9 dBi	12.1 dBi / 14.2 dBi	12.2 dBi / 14.3 dBi
Electrical downtilt (°)	0			0	
Impedance	50Ω			50Ω	
VSWR	≤1.5:1			≤1.5:1	
Isolation between ports	25 dB			25 dB	
Input power	500 W			300 W	
Lightning protection	Direct ground				
Connector(s)	4 / 7-16 DIN / Female / Bottom				
Mechanical Characteristics					
Dimensions Length x Width x Depth	580 x 305 x 180 mm			23.2 x 12.0 x 7.1 in	
Weight without mounting brackets	5 kg			11 lbs	
Survival wind speed	> 201 km/hr			> 125 mph	
Wind area	Front: 0.18 m²	Side: 0.11 m²		Front: 1.9 ft²	Side: 1.1 ft²
Wind load @ 161 km/hr (100 mph)	Front: 219 N	Side: 129 N		Front: 49 lbf	Side: 29 lbf
Mounting Options	Part Number	Fit Pipe Diameter		Weight	
2-Point Mounting & Downtilt Bracket Kit	38210006	40-115 mm	1.57-4.5 in	4.1 kg	9.0 lbs



Antenna Bottom View



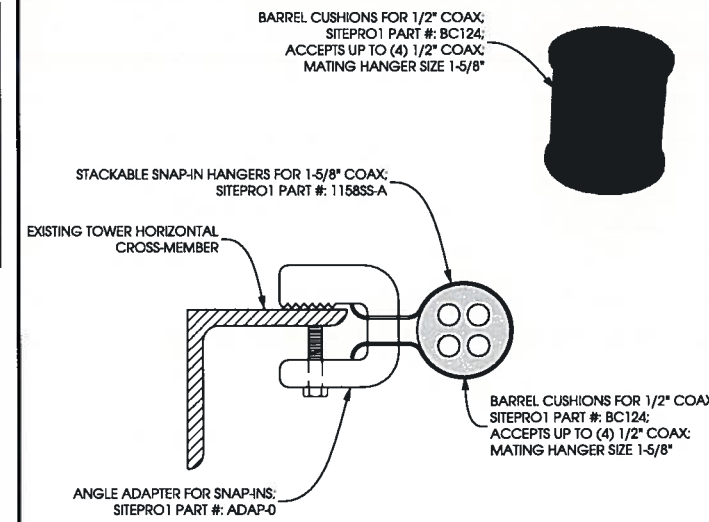
B ANTENNA SPECIFICATIONS
A-2 NTS

PRODUCT OVERVIEW:

OPERATING FREQUENCY BAND: 698 ~ 2700 MHz
3RD ORDER IMD: -150 DBC (RELATIVE TO CARRIER)
3RD ORDER IMD TEST METHOD: TWO +43 DBM CARRIERS
AVERAGE POWER, MAXIMUM: 700 W
DISSIPATIVE LOSS AT FREQUENCY BAND: 0.2 DB @ 698-2700 MHz
IMPEDANCE: 50 OHM
PEAK POWER, MAXIMUM: 3 KW
POWER RATING, SPLITTING: 700 W
REFLECTED POWER, MAXIMUM: 700 W
RETURN LOSS, MINIMUM: 19.1 DB
SPLIT LOSS: 4.8 DB
VSWR: 1.25:1



E SPLITTER DETAIL
A-2 SCALE: NTS



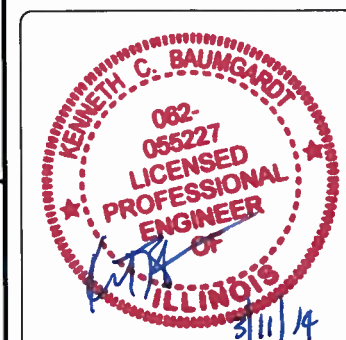
F ANGLE BRACKET DETAIL
A-2 SCALE: NTS

CITY PLAN REVIEW



PROJECT ID: 303900
EDGE PROJECT NO: 10211
DRAWN BY: APK
CHECKED BY: BDK

REV.	DATE	DESCRIPTION	INT.
B	03/11/2014	CD 90's SMALL CELL	JAH
A	02/25/2014	PRELIM SMALL CELL	APK



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LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE
ANTENNA DETAILS

SHEET NUMBER
A-2

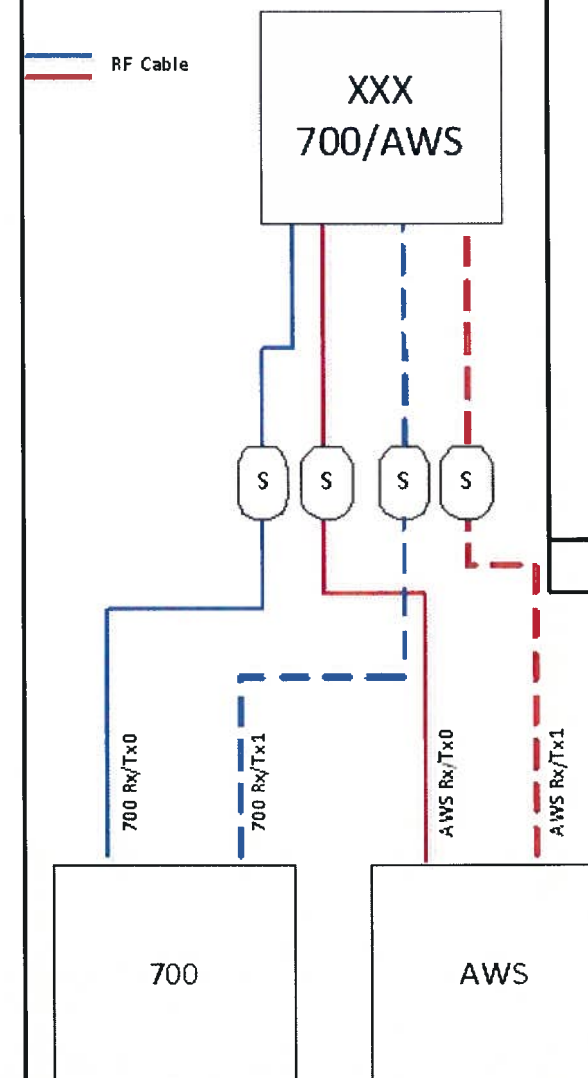
Name	Lincolnwood ATC SC	RF Engineer	Vaughne Glymph	Cell ID	7001 Central Park Chicago IL 60712
Location Number	0	Market	ILWI	Address	
Date of Request	12/3/2013	Carriers	700 & AWS	Structure Type	Self-support Structure

Sector	Power Required	Antenna Manufacturer	Antenna Model	Centerline	Azimuth	Mechanical Tilt	Variable Tilt
Alpha	40 W	Amphenol	QXW-6320630XBF-EDIN	30	0	0	0
							0
Beta	40 W	Amphenol	QXW-6320630XBF-EDIN	30	120	0	0
							0
Gamma	40 W	Amphenol	QXW-6320630XBF-EDIN	30	240	0	0
							0

Passive Components	Manufacturer	Component Model	Location	Count	Length	Action
	COMMSCOPE	S-3-CPUSE-H-D	Behind Antenna	4		Install
Coax	Commscope	1/2"	Ant to Splitters	12	Varied	Install
	Commscope	1/2"	Splitters to RRU	4	2	Install
Fiber	Generic	1/2"	Pole	2	30	Install
Power	Generic	1/2"	Pole	2	30	Install
GPS	Generic	1/2"	Pole	Yes	Cabinet Mount	Install

EQUIPMENT							
Carrier - LTE/AWS	Power Required	Equipment Manufacturer	Equipment Model	CWDM?	Equipment Cabinet Needed?	Comments	Radios Location From Ground
700	40 W	Ericsson	RRUL	No	Charles 307 on Ground	Radio(s) on Pole	30'
2100	40 W	Ericsson	RRUS	-	-	-	-

INTERCONNECT	
Telco Solution	EBH

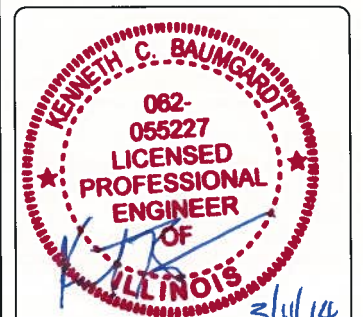


CITY PLAN REVIEW



PROJECT ID:	303900
EDGE PROJECT NO:	10211
DRAWN BY:	APK
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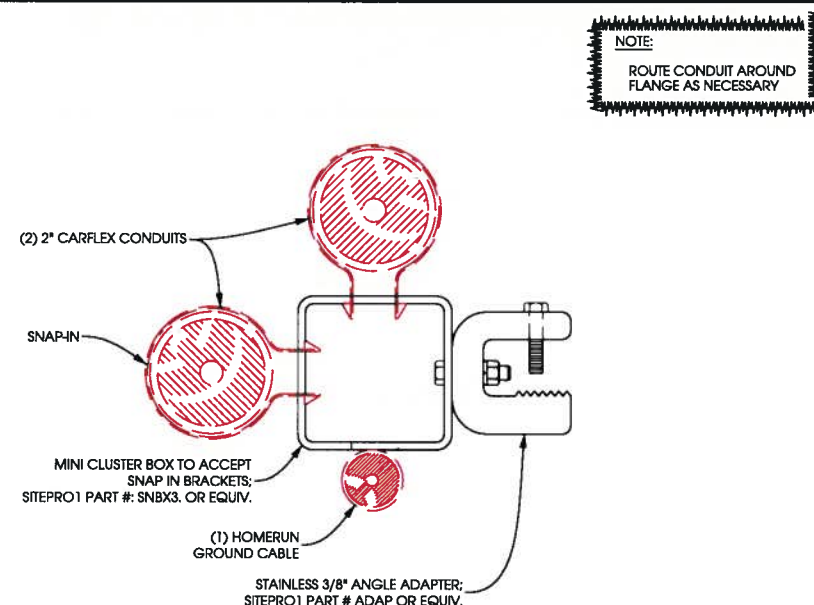
LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE
**ANTENNA
CONFIGURATION**

SHEET NUMBER

A-3

PROPOSED EQUIPMENT CHANGE REQUEST FORM



CONDUIT ROUTING UP TOWER

NOTES:

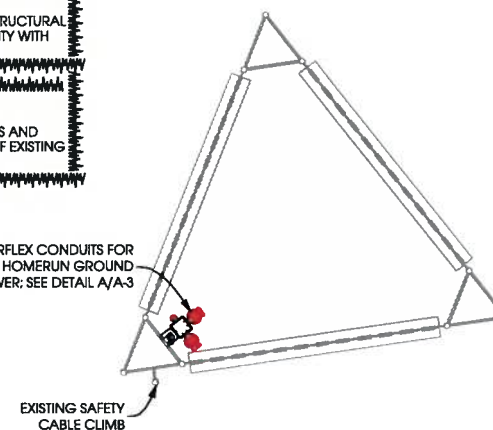
ALL COAX SHOWN IS EXISTING UNLESS SPECIFIED OTHERWISE.

NOTE:
CONTRACTOR TO REVIEW STRUCTURAL
ANALYSIS FOR COMPATABILITY WITH
CONSTRUCTION DRAWINGS

NOTE:

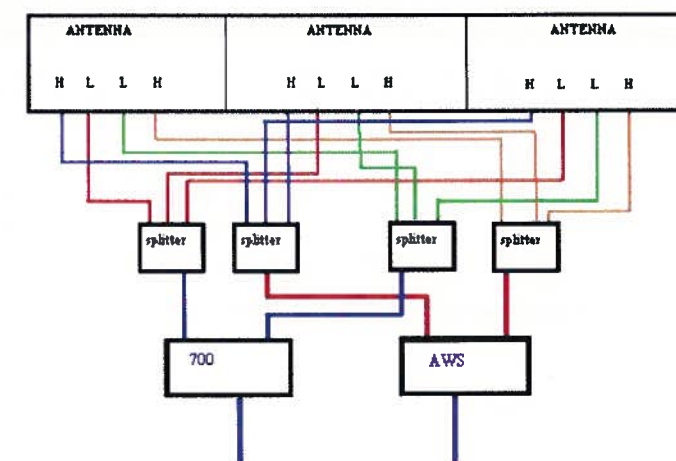
ROUTE PROPOSED CONDUITS AND
GROUND LEAD ON INSIDE OF EXISTING
TOWER LEG.

(2) PROPOSED 2" CARFLEX CONDUITS FOR FIBER/POWER AND (1) HOMERUN GROUND BANDED TO TOWER; SEE DETAIL A/A-3



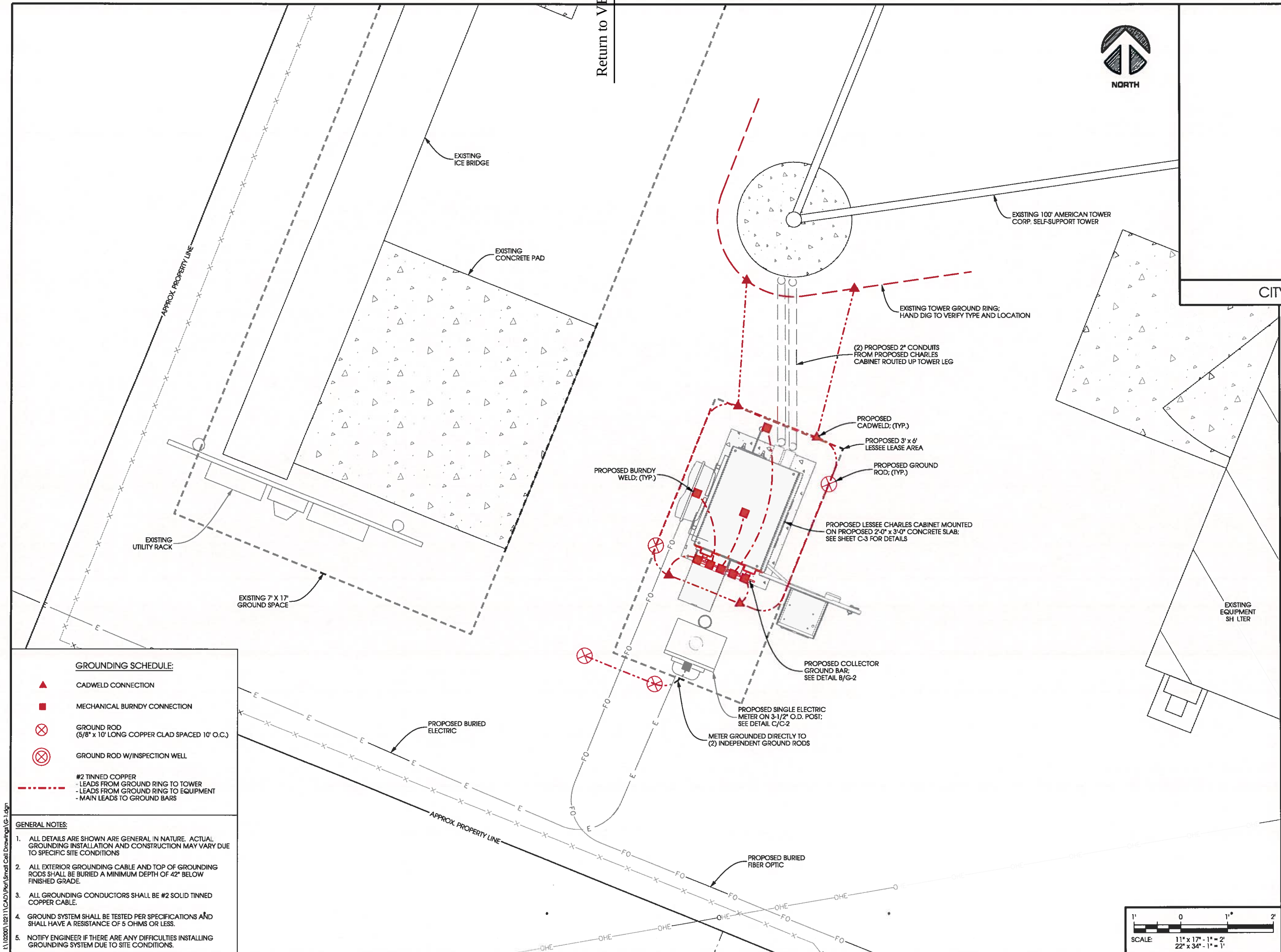
SELF-SUPPORT TOWER COAX ROUTING

PROPOSED ANTENNA CONFIGURATION



PROPOSED ANTENNA CONFIGURATION

I:\10200\10211\CAD\Plan\Small Cell Drawings\G-1.dgn



GROUNDING SCHEDULE:

- ▲ CADWELD CONNECTION
- MECHANICAL BURNDY CONNECTION
- ⊗ GROUND ROD
(5/8" x 10' LONG COPPER CLAD SPACED 10' O.C.)
- ⊗ GROUND ROD W/INSPECTION WELL
- #2 TINNED COPPER
- LEADS FROM GROUND RING TO TOWER
- LEADS FROM GROUND RING TO EQUIPMENT
- MAIN LEADS TO GROUND BARS

GENERAL NOTES:

1. ALL DETAILS ARE SHOWN ARE GENERAL IN NATURE. ACTUAL GROUNDING INSTALLATION AND CONSTRUCTION MAY VARY DUE TO SPECIFIC SITE CONDITIONS
2. ALL EXTERIOR GROUNDING CABLE AND TOP OF GROUNDING RODS SHALL BE BURIED A MINIMUM DEPTH OF 42" BELOW FINISHED GRADE.
3. ALL GROUNDING CONDUCTORS SHALL BE #2 SOLID TINNED COPPER CABLE.
4. GROUND SYSTEM SHALL BE TESTED PER SPECIFICATIONS AND SHALL HAVE A RESISTANCE OF 5 OHMS OR LESS.
5. NOTIFY ENGINEER IF THERE ARE ANY DIFFICULTIES INSTALLING GROUNDING SYSTEM DUE TO SITE CONDITIONS.

CITY PLAN REVIEW



PROJECT ID:	303900
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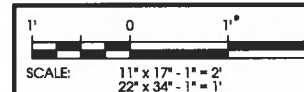


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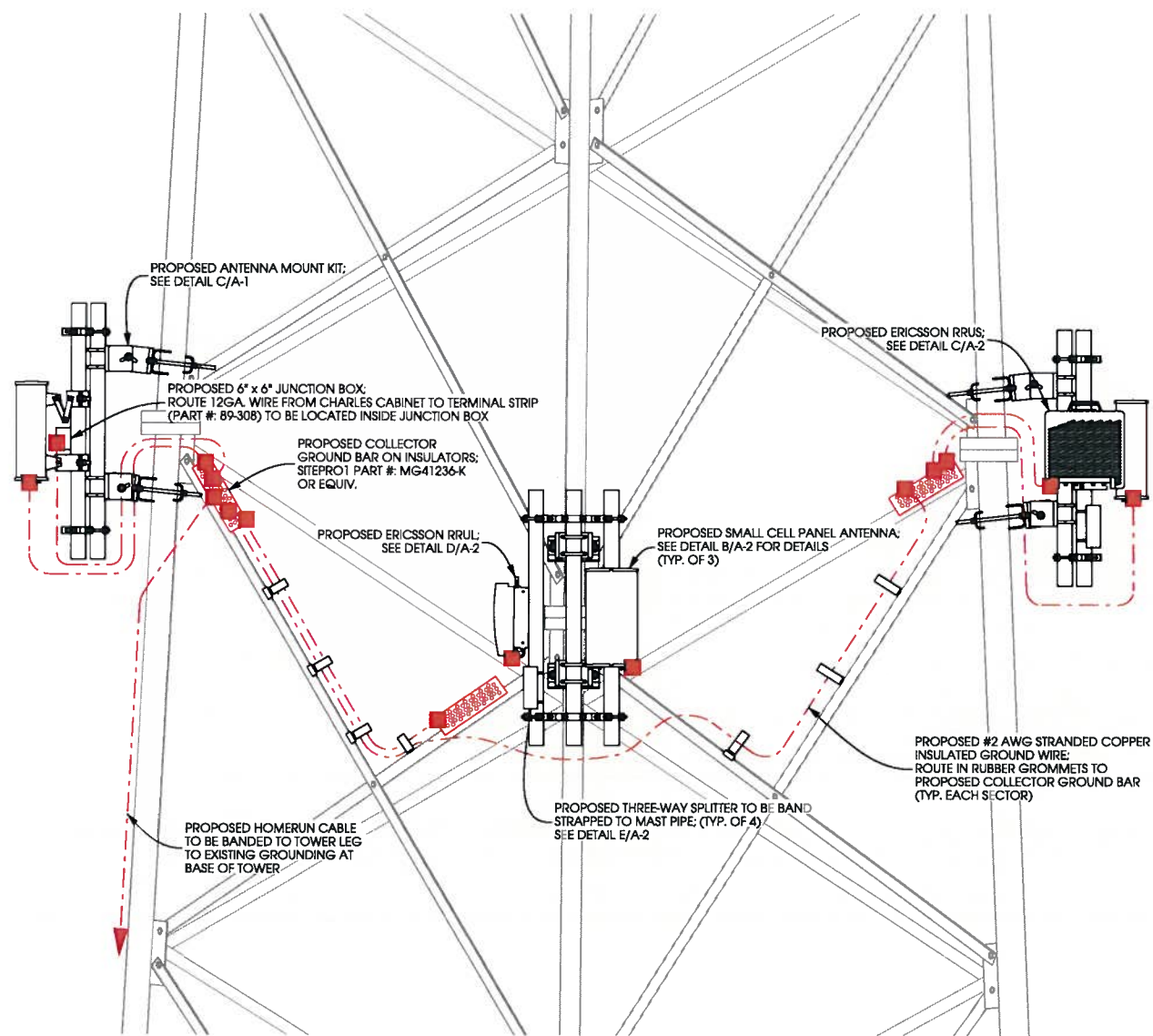
LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE
GROUNDING PLAN

SHEET NUMBER
G-1

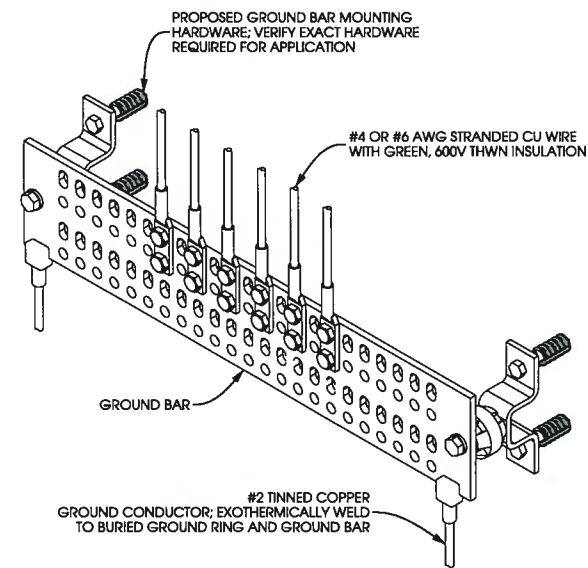


Return to VB A



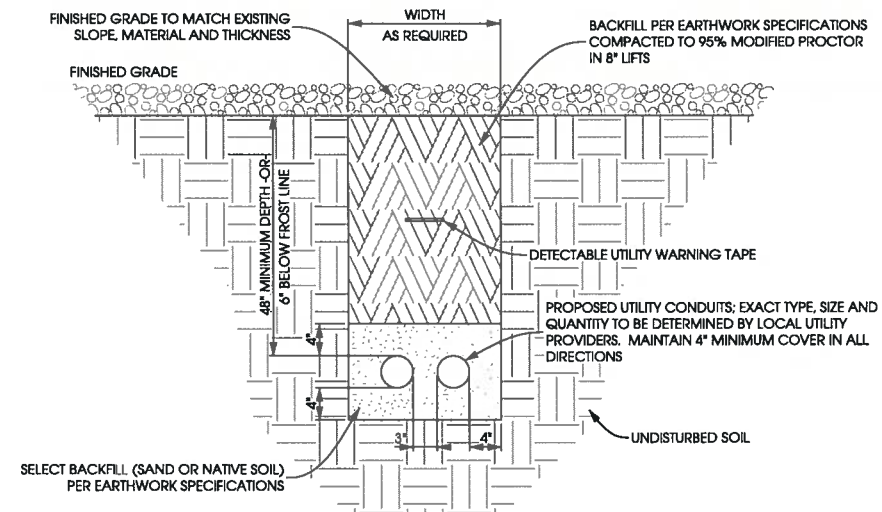
A
EQUIPMENT GROUNDING DETAIL
SCALE: NTS

NOTES:
USE UV-RATED HEAT SHRINK FOR OUTDOOR GROUND BAR APPLICATIONS AND CLEAR HEAT SHRINK FOR INDOOR APPLICATIONS.



B
GROUND BAR DETAIL
SCALE: NTS

NOTES:
UTILITY CONDUITS TO BE BURIED A MINIMUM OF 48" BELOW GROUND LEVEL OR 6" BELOW THE FROST LINE.
CONDUIT TYPE, SIZE, QUANTITY AND SEPARATION TO BE VERIFIED WITH LOCAL UTILITY PROVIDER REQUIREMENTS.



C
UTILITY TRENCH DETAIL
SCALE: NTS

CITY PLAN REVIEW



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CHECKED BY:	BDK

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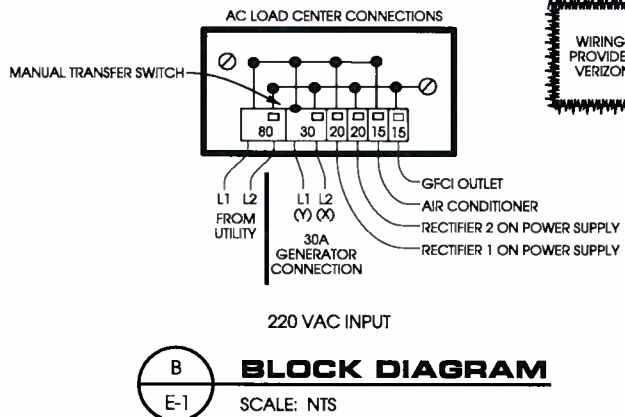
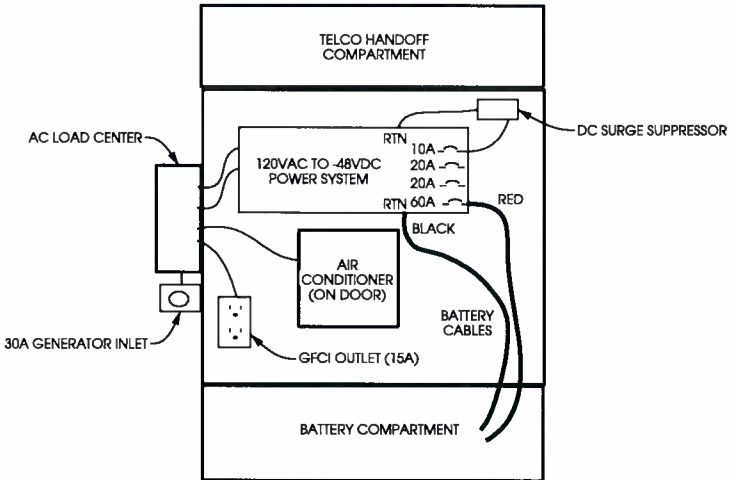
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LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE
**GROUNDING
DETAILS**

SHEET NUMBER
G-2

NOTE: GROUND WIRES ARE PRESENT BUT NOT SHOWN



CATEGORY	
DIMENSIONS AND WEIGHT	48.4" H x 28"W x 20"D 220 LBS
19" EQUIPMENT RACK SPACE	
EQUIPMENT COMPARTMENT	21" (12R)
HANDOFF COMPARTMENT	8.75" (5R)
HOLE SPACING	EIA TAPPED 4x24
COLOR	OFF WHITE
MATERIAL	125" WELDED ALUMINUM
MAXIMUM HEAT DISSIPATION	585W
2000 BTU AIR CONDITIONER	DANTHERM #CS020020A
48VDC POWER SHELF	ELTEK #CK3S-ANL-VC
(2) 1000W RECTIFIER	ELTEK #V1000A-VC
CONTROLLER	ELTEK #BC2000-A01-10VC
48VDC SURGE SUPPRESSOR	RAYCAP #DC1-60
BONDING AND GROUNDING	TWO 2x8 POSITION GROUND BARS
OPTIONAL MOUNTING KITS	POLE: #97-CABPMKIT H-FRAME: #97-001971-A PAD: #97-PM4XPLINTH-A
OPERATING TEMP. RANGE, INSIDE CABINET	-40° TO +149° F
OPERATING TEMP. RANGE OUTSIDE CABINET	-40° TO +115° F
HUMIDITY	0 TO 95% (NON-CONDENSING)
ALTITUDE	UP TO 2,000 METERS (6560')

PROPOSED ELECTRIC SINGLE METER TO BE SECURED TO STEEL POST. VERIFY MAKE AND MODEL WITH UTILITY PROVIDER

PROPOSED CHARLES CABINET ON CONCRETE SLAB: SEE SHEET C-3 FOR DETAILS

PROPOSED DISCONNECT (ELECTRICIAN TO VERIFY DISCONNECT MOUNTING LOCATION)

PROPOSED CIENA 3931 SERVICE DELIVERY SWITCH TO BE INSTALLED ON P-1000T UNISTRUTS SECURED TO BACK OF PROPOSED CHARLES CABINET; SEE DETAIL C/C-3

EXISTING AMERICAN TOWER CORP. SELF-SUPPORT TOWER

-48 DC JUMPER FROM PROPOSED CHARLES CABINET TO PROPOSED CIENA 3931

(1) PROPOSED 2" CONDUIT FROM POWER SOURCE TO PROPOSED SINGLE ELECTRIC METER CABINET; VERIFY POWER SOURCE WITH UTILITY PROVIDER

(1) PROPOSED 2" CONDUIT FROM PROPOSED SINGLE ELECTRIC METER TO PROPOSED CHARLES CABINET

(1) PROPOSED 2" CONDUIT FROM PROPOSED CHARLES CABINET UP SELF-SUPPORT TOWER LEG TO JUNCTION BOX AT EQUIPMENT

A

E-1

ONE-LINE DIAGRAM

SCALE: NTS

CITY PLAN REVIEW

Edge
Consulting Engineers, Inc.

PROJECT ID: 303900
EDGE PROJECT NO: 10211
DRAWN BY: APK
CHECKED BY: BDK

REV.	DATE	DESCRIPTION	INT.
B	03/11/2014	CD 90's SMALL CELL	JAH
A	02/25/2014	PRELIM SMALL CELL	APK

KENNETH C. BAUMGARDT
082-055227
LICENSED PROFESSIONAL ENGINEER
OF ILLINOIS
3/11/14

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LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE
ONE-LINE DIAGRAM

SHEET NUMBER
E-1

EXHIBIT C

UNCONDITIONAL AGREEMENT AND CONSENT

TO: The Village of Lincolnwood, Illinois ("***Village***");

WHEREAS, the Village is the record title owner of that certain property located in the MB Light Manufacturing/Business District and commonly known as 7017 North Central Park Avenue, in the Village ("***Property***"); and

WHEREAS, Ordinance No. 2014-_____, adopted by the Village President and Board of Trustees on _____, 2014 ("***Ordinance***"), grants a special use permit to Chicago SMSA Limited Partnership d/b/a Verizon Wireless ("***Applicant***") for the construction and use of personal wireless service facilities on the Property; and

WHEREAS, Section 8 of the Ordinance provides, among other things, that the Ordinance will be of no force or effect unless and until the Owner and the Applicant shall have filed, within 30 days following the passage of the Ordinance, their unconditional agreement and consent to accept and abide by each and all of the terms, conditions, and limitations set forth in the Ordinance;

NOW, THEREFORE, the Owner and Applicant do hereby agree and covenant as follows:

1. The Owner and the Applicant hereby unconditionally agree to accept, consent to, and abide by each and all of the terms, conditions, limitations, restrictions, and provisions of the Ordinance.

2. The Owner and the Applicant acknowledge that public notices and hearings have been properly given and held with respect to the adoption of the Ordinance, have considered the possibility of the revocation provided for in the Ordinance, and agree not to challenge any such revocation on the grounds of any procedural infirmity or a denial of any procedural right.

3. The Owner and the Applicant acknowledge and agree that the Village is not and will not be, in any way, liable for any damages or injuries that may be sustained as a result of the Village's granting of a special use permit for the Property or its adoption of the Ordinance, and that the Village's approvals do not, and will not, in any way, be deemed to insure the Owner or the Applicant against damage or injury of any kind and at any time.

4. The Owner and the Applicant hereby agree to hold harmless and indemnify the Village, the Village's corporate authorities, and all Village elected and appointed officials, officers, employees, agents, representatives, and attorneys, from any and all claims that may, at any time, be asserted against any of such parties in connection with the Village's adoption of the Ordinance granting the special use permit for the Property.

Dated: _____, 2014

ATTEST:

**CHICAGO SMSA LIMITED
PARTNERSHIP d/b/a VERIZON
WIRELESS**

By: _____
Its: _____

By: _____
Its: _____

Motion to Approve a Special Use for a Liquor Store in the space commonly known as 7177 North Lincoln Avenue was made by Commissioner Fishman, and Seconded by Commissioner Yohanna.

Aye: Fishman, Yohanna, Auerbach, Goldfein, and Eisterhold

Nay: Sampen

Motion Approved 5-1

V. Public Hearing: 7017 North Central Park Avenue – Special Use for Wireless Communication Facility on an Existing Tower

Chairman Eisterhold swore in the Petitioner, Wanchay Itmis of Verizon Wireless/ATC, 10700 West Higgins Road, Suite 240, Rosemont, Illinois.

Mr. Cook presented an overview of Verizon Wireless' Special Use in order to install three new antennas and ground equipment. The tower, which is owed by American Tower, is adjacent to the Village's water tank and the equipment will be placed 30 feet above ground on a 100-foot tower. Staff noted that there has been four of these facilities since 2009.

The Petitioner stated that the new equipment is needed in order to improve coverage and quality of service to their customers. The equipment will be installed 30 feet above grade on the existing 100-foot tower. These towers were chosen to provide better coverage and will provide little impact on the character of the property nor will it devalue the property. This improvement will not affect the structure with this addition. The site is in compliance with all federal, state, and Village ordinances.

In response to Chairman Eisterhold's inquiry as to why this equipment is only thirty-feet high, the Petitioner explained that Verizon utilizes small cell technology and, by utilizing smaller equipment, it can help alleviate dropped calls, etc. in areas where they cannot build high towers and the capacity can be enhanced with these smaller cells at a lower height.

Chairman Eisterhold swore in Mr. Stan Wilk, 4830 Chase Avenue, who is also a member of the Telecommunications Board, had no comments regarding this application.

Chairman Eisterhold asked if anyone in the audience would like to speak on this Special Use. He noted that no one came forward.

Motion to Approve a Special Use for a Wireless Communications Facility was made by Commissioner Yohanna, and Seconded by Commissioner Sampen.

Aye: Yohanna, Sampen, Auerbach, Goldfein, and Eisterhold

Nay: None

Motion Approved 6-0

VI. Public Hearing: Bank, Credit Union, Savings and Loans and Legal Nonconforming Uses – Zoning Code Text Amendment



Staff Report Plan Commission

May 7, 2014

Subject Property:

7017 North Central Park Avenue

Zoning District: MB Light
Industrial/Business District

Petitioner: Mike Bieniek on Behalf of
Verizon Wireless, Tenant

Nature of Request: The petitioner
seeks Special Use approval to install
wireless equipment on existing
freestanding tower.



Notification: Notice of the May 7, 2014 meeting was published in the Lincolnwood Review on April 17, 2014. One Public Hearing Sign was installed at 7017 North Central Park Avenue.

Summary of Request

Verizon Wireless is seeking Special Use authorization in order to install three new antennas and ground equipment at the existing American Tower Corporation freestanding tower at 7017 North Central Park Avenue. This tower is located adjacent to the Village's water tank and behind Lowe's Home Improvement. The Zoning Code requires Special Use Approval for wireless facilities.

The center-point of the new antennas will be installed at approximately 30 feet above grade on the existing 100-foot steel lattice tower (shown on page A-1). The ground equipment will be located within the existing fenced compound (shown on page C-2). The ground equipment will be housed within a cabinet to be installed on a concrete slab. The existing American Tower facility also includes an existing wireless site at the top of the existing tower with ground equipment located within a shelter.

The applicant has stated that the new equipment is needed in order to improve coverage and the quality of service to their customers in the area.

Related Village Action

Since 2009, the Village has reviewed and approved four new wireless facilities (all co-location on existing structures) and one replacement/upgrade to a wireless facility. Staff does not have concern with the existing site as there are no records of complaints associated with the freestanding tower equipment more specifically.

Documents Attached

1. Special Use Public Hearing Application
2. Site Lease Agreement
3. Structural Analysis Report
4. Survey
5. Drawings Prepared by Edge Consulting Engineers, Inc.



VILLAGE OF LINCOLNWOOD
Community Development Department

Public Hearing Application
Special Use & PUD

SUBJECT PROPERTY

Property Address: 7001 N Central Park Avenue

Permanent Real Estate Index Number(s): 10-35-200-040-0000

Zoning District _____ Lot Area: _____

List all existing structures on the property. Include fencing, sheds, garages, pools, etc.

Are there existing development restrictions affecting the property? _____ Yes _____ No
(Examples: previous variations, conditions, easements, covenants)

If yes, describe: _____

REQUESTED ACTION

- ☒ Special Use - Non-Residential ☐ Planned Unit Development (PUD)
☐ Special Use - Residential ☐ Other

PROJECT DESCRIPTION

Describe the Request and Project: Verizon Wireless is co-locating on the existing wireless communications facility on the property.

Verizon Wireless will be adding 3 new antennas at the 30'-0" level on the existing 100'-0" self-support tower. Ground equipment will be located in a 58.4" x 28.1" equipment cabinet, which will be located on a proposed 3'-0" x 6'-0" lease area on the existing site.

PROPERTY OWNER/PETITIONER INFORMATION

Property Owner(s):

Name: (List all beneficiaries if Trust): American Tower Corp. (tower owner)

Address: 1101 Perimeter Drive, Suite 700 Schaumburg, IL 60173

Telephone: (847) 240-1508 x 2574 Fax: (____) _____ E-mail Address: _____

Petitioner (if different from owner):

Name: Mike Bieniek, AICP agent for Verizon Wireless Relationship to Property: Lessee

Address: 10700 West Higgins Road Suite 240, Rosemont, IL 60018

Telephone: (847) 380-5569 Fax: (____) _____ E-mail Address: mbieniek@lclaw.net

REQUIRED ATTACHMENTS *

Check all documents that are attached:

Plat of Survey _____

Site Plan _____ x

Proof of Ownership _____

Floor Plans _____

Elevations _____ x

Applicable Zoning Worksheet _____

Photos of the property _____

PDF files of all drawings _____ x

For Office Use Only

Fee: _____ Deposit: _____

Date Received: _____

Checked By: _____

The article(s), section(s) and paragraph(s) of the Village of Lincolnwood Zoning Ordinance from which the Action is being sought:

**The above documents are required for all applications. The Zoning Officer may release an applicant from specific required documents or may require additional documents as deemed necessary.*

COST REIMBURSEMENT REQUIREMENT

The Village requires reimbursement of certain out-of-pocket costs incurred by the Village in connection with applications for zoning approvals and relief. These costs include, but are not limited to, mailing costs, attorney and engineer costs, and other out-of-pocket costs incurred by the Village in connection with this application. In accordance with Section 5.02 of the Village of Lincolnwood Zoning Ordinance, both the petitioner and the property owner shall be jointly and severally liable for the payment of such out-of-pocket costs. Out-of-pocket costs incurred shall be first applied against any hearing deposit held by the Village, with any additional sums incurred, to be billed at the conclusion of the hearing process.

Invoices in connection with this application shall be directed to:

Name: Lora, Chanthaduangsy & Castellanos, LLC attn: Mike Bieniek

Address: 10700 West Higgins Road Suite 240

City, State: Rosemont, IL 60018

ATTESTMENT AND SIGNATURE

I hereby state that I have read and understand the Village cost reimbursement requirement, as well as the requirements and procedures outlined in Article V of the Village Zoning Ordinance, and I agree to reimburse the Village within 30 days after receipt of an invoice therefor. I further attest that all statements and information provided in this application are true and correct to the best of my knowledge and that I have vested in me the authority to execute this application.

PROPERTY OWNER

Signature _____

Date _____

PRINT NAME _____

PETITIONER (If different than property owner)



March 19, 2014

Signature _____

Date _____

Michael Bieniek, AICP

PRINT NAME _____



VILLAGE OF LINCOLNWOOD

COMMUNITY DEVELOPMENT DEPARTMENT

SPECIAL USE STANDARDS

To be approved, each special use request must meet certain specific standards. These three standards are listed below. After each listed standard, explain how the special use request satisfies the listed standard. Use additional paper if necessary.

1. Please explain how the use is necessary for the public convenience at this location, and the subject property is deemed suitable for the use. (Please explain in detail)

This location was chosen because there is already an existing wireless facility on the property. Therefore, Verizon Wireless will not need to construct a new facility in order to provide better coverage to the residents of the Village of Lincolnwood.

2. Please explain how the use is so designed, located and proposed to be operated that the public health, safety and welfare will be protected.

Due to the diminutive size of the proposed equipment, it will not have an adverse effect on the surrounding properties or the character of the area. PCS wireless transmissions do not interfere with any other form of communications, whether public or private, or in any way endanger the public health, safety, morals, or general welfare. Wireless telephones provide an alternate communication system which has repeatedly proven its effectiveness in emergency situations and is commonly being used by police and fire departments to protect the general public's health, safety, and welfare.

3. Please explain how this use would not cause substantial injury to the value of other property in the neighborhood in which it is located.

Due to the minimal size of the leased parcel and the nature of the surrounding uses, there will be little impact on the character of the locality with no adverse effect on existing or future development in the area. Enhanced wireless communications will have a positive influence on the development of this area.

4. The special use is consistent with the goals and policies of the Comprehensive Plan.

The Special Use will be in harmony with the the spirit and intent of the Village of Lincolnwood Ordinance. Wireless telephones provide an alternate communication system which has repeatedly proven its effectiveness in emergency situations and is commonly being used by police and fire departments to protect the general public's health, safety, and welfare. Therefore, the granting of the Special Use will be in conformance with the general and specific purposes imposed by the village of Lincolnwood's zoning Ordinance and the Comprehensive Plan.

5. The special use would not impede the normal and orderly development and improvement of the surrounding property for uses permitted in the underlying zoning district.

There is already an existing wireless communications facility on the property, so the Special Use would not interfere with any current patterns of development. There will be minimum impact on the character of the locality with no adverse effect on future development in the area. Enhanced wireless service will have a positive influence on development in the area.

6. Please explain how the special use is so designed to provide adequate utilities, access roads, drainage, or necessary facilities.

The Special Use is designed to provide better wireless communication coverage to the Village of Lincolnwood. Wireless telephone technology provides many benefits to the communities it serves, including 911 program allowing motorists to summon aid and report dangerous situations, support for emergency services by providing wireless communications to police, firefighters, and paramedics, a backup system to the land-line system in the event of a natural or man-made disaster, communication capabilities in remote areas, and support for the busy lives of people in the area reducing stress and increasing productivity.

7. Please explain how the special use is so designed to provide ingress and egress to minimize traffic congestion on public streets.

A PCS facility is unstaffed, therefore there will be no impact on the existing traffic, nor will there be any traffic hazards generated. Maintenance personnel will visit the facility once or twice per month in a van sized vehicle. Access will be provided via existing entrances. Existing parking at the subject property is more than adequate for the expected infrequent maintenance visits to this site.

This instrument prepared by:

Permanent Tax Index
No. 10-35-200-028

Stephen M. Dorfman
ALTHEIMER & GRAY
10 South Wacker Drive
Chicago, IL 60606

SITE AGREEMENT NO. 64 - LINCOLNWOOD, ILLINOIS

THIS AGREEMENT, made as of the 11th day of May, 1990, between the lessor, VILLAGE OF LINCOLNWOOD, an Illinois Municipal corporation ("Lessor"), and the lessee, CELLULAR ONE®-CHICAGO, a division of Southwestern Bell Mobile Systems, Inc., a corporation incorporated under the laws of the State of Delaware and the Commonwealth of Virginia ("Lessee"):

W I T N E S S E T H:

IN CONSIDERATION of the terms hereof, the parties hereto agree as follows:

1. A. Lessor hereby demises and leases to Lessee the parcel of real estate measuring forty (40) feet by forty (40) feet situated in the Village of Lincolnwood in the County of Cook and State of Illinois (the "Real Estate"), described in Exhibit A and depicted in Exhibit B, both of which are attached hereto and made a part hereof, together with all right, title and interest of Lessor in and to all easements, privileges and other appurtenances pertaining to the Real Estate (which Real Estate and the aforesaid right, title and interest of Lessor shall hereinafter collectively be called the "Premises"), and hereby grants and conveys to Lessee certain Rights of Use (as hereinafter defined) appurtenant to the Premises; TO HAVE AND TO HOLD the Premises and the Rights of Use unto Lessee, for the benefit of Lessee, its affiliates and their respective subtenants and their respective successors and assigns (collectively, "Lessee's Related Parties"), for a term (the "Term") commencing on the date of this agreement and expiring April 30, 2030, and for any Extended Terms (as hereinafter defined).

B. In consideration of the leasing of the Premises by Lessor to Lessee, within a reasonable time after the commencement of Monthly Monetary Consideration payments pursuant to paragraph 2 but subject to strike, lockout or labor difficulty, explosion, sabotage, accident, riot or civil commotion, act of war, fire or other catastrophe, or any other cause beyond Lessee's reasonable control, Lessee shall construct upon the Premises, at Lessee's sole cost and expense, a new one hundred (100) foot tall self-supporting steel antenna tower ("Tower").

C. From and after the date that the Tower is constructed and usable for its intended purpose, and for the balance of the Term and any Extended Terms, subject to the terms and conditions set forth in this paragraph 1, Lessor shall have the right to maintain on the Tower the following attachments ("Lessor's Attachments"), at such height or heights as Lessee shall approve in advance in each instance such number and such type of antennas as Lessor deems necessary and as Lessee shall approve in Lessee's sole discretion, for use solely for police communications for Lessor's police department. Lessor shall keep and maintain Lessor's Attachments and ancillary equipment located outside the Premises in adjustment so as to conform with all applicable local, state and Federal regulations, rules and operating procedures.

D. At the request of Lessor from time to time, Lessee shall grant Lessor access to the Tower to install or maintain Lessor's attachments, provided that Lessor shall telephone Lessee's office at least twenty-four (24) hours in advance to set up an appointment, and provided that one of Lessee's agents or employees accompanies Lessor onto the Premises in connection with such access.

E. Lessee may alter the mounting height of Lessor's Attachments and relocate Lessor's Attachments if such alteration and relocation is deemed necessary or desirable by Lessee; provided that, prior to relocating any of

Lessor's Attachments, Lessee shall obtain Lessor's consent, which consent shall not be unreasonably delayed or withheld, but which consent shall not be required if the relocated Lessor's Attachments shall properly perform their intended function at the altered mounting height proposed by Lessee; and provided further that, during any such relocation, Lessee shall use reasonable efforts to minimize disruption of the functions of Lessor's Attachments; and provided further that any such relocation shall comply with applicable regulations of the Federal Communications Commission ("FCC").

F. Lessor shall be responsible at Lessor's sole expense for taking such steps as may be necessary to prevent or eliminate any interference or spurious radiation from Lessor's Attachments on the Tower which affects any other communications systems located on the Tower. If such interference or spurious radiation is not reduced to levels reasonably acceptable to Lessee at Lessee's sole determination, Lessee may elect by giving telephone or written notice to Lessor, to have Lessor immediately cease operation of Lessor's Attachments on the Tower until such interference or spurious radiation is reduced to levels reasonably acceptable to Lessee. If Lessor fails to cease such operation within twenty-four (24) hours of Lessor's receipt of such telephone or written notice, Lessee may disconnect Lessor's Attachments until Lessor provides assurances reasonably acceptable to Lessee that Lessor has taken such steps as are necessary to prevent or eliminate such interference or spurious radiation.

G. Neither Lessee, its agents and employees, nor Lessor, its agents and employees, shall knowingly take any action which shall jeopardize the validity of FCC licenses then in effect concerning attachments on the Tower and related equipment.

H. Lessee shall not be liable for injury or damage to any person or property occurring on the Premises, or for damage to Lessor's Attachments or ancillary equipment unless caused by the negligence of Lessee, its agents or employees.

I. NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED IN THIS AGREEMENT, LESSEE MAKES NO WARRANTY OR REPRESENTATION AS TO THE UTILITY OR SUITABILITY OF THE TOWER OR THE LOCATION OF THE TOWER FOR THE USES CONTEMPLATED BY LESSOR.

J. Lessee represents that to its knowledge, Lessee's Equipment and its operations will not endanger or adversely affect the public health or safety. Lessee covenants that it shall comply with any and all FCC rules, regulations and orders regarding the health effects of Lessee's Equipment and operations, provided that Lessee may, at its own expense, contest, by appropriate proceedings conducted diligently and in good faith, the validity or applicability of any such rule, regulation or order. Lessee need not comply with such rule, regulation or order so long as Lessee shall be so contesting the validity or applicability thereof. If, at any time, the FCC or any other governmental agency having jurisdiction over Lessee's Equipment and operations issues a final, unreviewable order containing a determination that Lessee's Equipment or operations cause a material adverse health effect, Lessee shall take whatever steps are necessary to mitigate such adverse health effect and comply with the order or, in lieu thereof, at Lessee's election, Lessee may terminate this agreement by notice to Lessor. Lessee shall with reasonable promptness and diligence after the date of such final order either comply therewith or terminate this agreement or provide evidence to Lessor which satisfies Lessor, in Lessor's reasonable judgment, that such determination is in error.

2. Lessee shall pay, or otherwise provide to Lessor, rent for the Premises, consisting of three components, i.e., Monthly Monetary Consideration, One-Time Consideration and Additional Consideration, as set forth in subparagraphs (i), (ii), (iii), (iv) and (v) below:

(i) Rent shall be payable or otherwise provided to Lessor at 6912 KEELER AVE, Lincolnwood, Illinois, or such other person or place as Lessor may designate from time to time by notice to Lessee.

(ii) Lessee shall pay Lessor, as One-Time Consideration on the date hereof, a one-time, non-refundable, non-proratable payment of Five

Hundred Dollars ~~_____~~ to cover the period from the date hereof until the commencement of Monthly Monetary Consideration payments as hereinafter provided.

(iii) Subject to the provisions of subparagraph 2A(i), Lessee shall pay Lessor Monthly Monetary Consideration monthly commencing with the first day of the calendar month following Lessee's receipt of the last of the necessary local, state and federal approvals, licenses and permits so as to permit construction on and use of the Premises for all of the purposes permitted by this agreement (such approvals, licenses and permits hereinafter collectively called the "Approvals"). Subject to the preceding sentence, Monthly Monetary Consideration shall be payable in advance on the first day of each calendar month of the Term through the date of expiration of the Term, or such earlier date as this agreement is terminated, in the amounts set forth in Schedule 1 attached hereto and made a part hereof.

(iv) Subject to the provisions of subparagraph 2A(i) and subparagraph 2A(v), within thirty (30) days after the commencement of Monthly Monetary Consideration pursuant to subparagraph 2A(iii) and thereafter during the Term through the date of expiration of the Term, or such earlier date as this agreement is terminated, Lessee shall provide Lessor with Additional Consideration as follows:

Lessee shall assign or cause to be assigned to Lessor eight (8) telephone numbers on Lessee's cellular mobile telephone system (the "System"); and thereafter for as long as this agreement is in effect, subject to the provisions of subparagraph 2A(v), Lessee shall provide to Lessor a basic package of service on the System ("Basic Service Package") for each of the eight (8) telephone numbers assigned to Lessor. Subject to the provisions of subparagraph 2A(v), each Basic Service Package shall provide, without cost to Lessor, "standard service" and an allowance of ~~_____~~ minutes of "air time" per month on the System. It is understood that, during any month, use of "air time" in excess of the ~~_____~~, with respect to any of the telephone numbers assigned to Lessor, will be charged to and payable by Lessor at the regular per minute rate for use of excess "air time" then being charged to customers of the System who have elected to purchase "air time" on the System through a so-called ~~_____~~ or such other comparable volume discount package as Lessee shall designate from time to time, and who have used in excess of the maximum number of minutes included with such package. Lessor acknowledges that the Basic Service Package does not include any service above the basic service: for example, but not by way of limitation, the Basic Service Package does not include services such as call forwarding, call waiting, call transfer, three-way calling, data transmission or cellular message service. The Basic Service Package to be provided by Lessee does not include, and Lessor shall be responsible to pay for, (1) any service desired by Lessor over and above the Basic Service Package, (2) all state, local and federal taxes, (3) all long distance charges for telephone calls outside the normal coverage area of the System itself, and (4) all directory assistance and third party charges.

(v) LESSOR WILL NOT AND DOES NOT WARRANT THAT SERVICE ON THE SYSTEM SHALL BE FREE FROM INTERRUPTIONS CAUSED BY EQUIPMENT BREAKDOWN, WEATHER-RELATED INCIDENTS, INABILITY OF LESSEE TO OBTAIN FUEL OR SUPPLIES OR ANY OTHER REASON OF SIMILAR OR DISSIMILAR NATURE BEYOND THE REASONABLE CONTROL OF THE LESSEE, INCLUDING, WITHOUT LIMITATION, STRIKES, LOCKOUTS, LABOR DIFFICULTIES, CATASTROPHE, EXPLOSION, SAFOOT DE ACCIDENT, RIOT OR CIVIL COMMOITION, ACTS OF WAR OR FIRE OR OTHER CASUALTY; AND ANY SUCH INTERRUPTIONS SHALL NEVER RENDER LESSEE LIABLE TO LESSOR FOR DAMAGES OR RELIEVE LESSOR'S OBLIGATIONS UNDER THIS SITE AGREEMENT, AND EXCEPT AS PROVIDED OTHERWISE IN THIS SITE AGREEMENT, LESSOR'S USE OF THE SYSTEM SHALL ALWAYS BE SUBJECT TO THE STANDARD TERMS AND CONDITIONS OF LESSEE'S GENERALLY APPLICABLE AGREEMENTS, RULES, REGULATIONS, AND CONDITIONS CONCERNING USE OF THE SYSTEM, AS AMENDED FROM TIME TO TIME, ALL OF WHICH ARE INCORPORATED HEREIN BY REFERENCE, AND SHALL BE DEEMED TO BE REINCORPORATED AS AMENDED FROM TIME TO TIME.

3. The Premises shall be used for operation of a communications tower, radio equipment, antennas and microwave and other dishes and for transmitting and receiving communications signals, and, in connection therewith, for the installation, repair, maintenance, operation, housing and removal of antennas, microwave and other dishes, wires, transmitters, receivers, appliances, machinery, trade fixtures and communications and other equipment (collectively, the "Equipment"), whether freestanding or located on or in improvements to be constructed upon or in the Premises, or for any other, related or similar, lawful purpose.

4. A. Subject to paragraph 5A herein, Lessor hereby grants and conveys to Lessee, for the benefit of Lessee and Lessee's Related Parties, the following rights of use ("Rights of Use"), which shall remain in effect and shall be irrevocable during the Term:

(i) a Right of Use upon, over and across other real estate owned by Lessor described on Exhibit A attached hereto and described and depicted on Exhibit B attached hereto as "Easement for Ingress and Egress", to provide access, twenty-four (24) hours each and every day, seven (7) days each and every week, for ingress and egress and passage of pedestrians, vehicles and construction materials and equipment, to and from the Premises from and to the nearest public way, and to provide parking and temporary storage for service vehicles, equipment and supplies during any time, from time to time, that Lessee or one of Lessee's Related Parties is constructing, installing, removing, repairing, relocating, replacing, maintaining or operating improvements and/or Equipment pursuant to this agreement;

(ii) a Right of Use upon, over, under and across other real estate owned by Lessor described on Exhibit A attached hereto and described and depicted on Exhibit B attached hereto as "Easement for Ingress and Egress", for the purpose of construction, installation, removal, repair, relocation, replacement, maintenance and operation of electrical, telephone and other communication facilities as may be required in connection with the transmission and distribution of electricity, telephone and other communications and sounds and signals, and to provide access, twenty-four (24) hours each and every day, seven (7) days each and every week, for ingress and egress and passage of pedestrians, vehicles and construction materials and equipment, from and to the nearest public way, and to provide parking and temporary storage for service vehicles, equipment and supplies during any time, from time to time, that Lessee or one of Lessee's Related Parties is constructing, installing, removing, repairing, relocating, replacing, maintaining or operating such facilities; and

(iii) a Right of Use upon, over, under and across other real estate owned by Lessor, adjacent to the Premises, described on Exhibit A attached hereto and described and depicted on Exhibit B attached hereto as "Easement for Construction", for storage and use of construction materials and equipment during any time, from time to time, that Lessee or one of Lessee's Related Parties is constructing, installing, removing, repairing, relocating, replacing, maintaining or operating improvements or Equipment pursuant to this agreement, and during the time of set-up operations before, and clean-up operations after, any such construction, installation, removal, repair, relocation, replacement, maintenance or operation. After any such use, Lessee shall restore the area so used to at least as good a condition as before such use.

Lessor shall not be responsible for any ongoing repair or maintenance of the areas covered by the Rights of Use ("Right of Use Areas"). No additional rent or other payments shall be payable by reason of Lessor's grant of the Rights of Use. It is hereby understood that Lessee shall be responsible for removing any of its personal property used for construction, repair, maintenance or installation, including, but not limited to, materials, debris, or vehicles used by Lessee in the Right of Use Areas, and restoring the Right of Use Areas to good condition and repair if Lessee or Lessee's Related Parties have materially damaged the Right of Use Areas as a result of its foregoing activities.

B. At the request of Lessee or one of Lessee's Related Parties from time to time, and without further payment or consideration, Lessor shall grant and convey to Lessee or to the electric and/or telephone utility companies serving or authorized to serve the Premises, rights to use any existing poles owned by Lessor and/or easements to use other real estate owned by Lessor within a one-half (1/2) mile square radius of the Premises, for the purposes of construction, installation, removal, repair, relocation, replacement, maintenance and operation of electrical, telephone and other communication facilities as may be required in connection with the transmission and distribution of electricity, telephone and other communications and sounds and signals; and to provide access, twenty-four (24) hours each and every day, seven (7) days each and every week, for ingress and egress and passage of pedestrians, vehicles and construction materials and equipment, from and to the nearest public way, and to provide parking and temporary storage for service vehicles, equipment and supplies during any time, from time to time, that Lessee, one of Lessee's Related Parties or one or more of such companies is constructing, installing, removing, repairing, relocating, replacing, maintaining or operating such facilities or Lessee's improvements and/or Equipment; provided that, without Lessor's prior consent, which consent shall not be unreasonably delayed or withheld, said easements shall not exceed in duration the longer of (i) the length of the Term, and (ii) the length of time requested by any of such utility companies; and Lessor shall take any and all actions and execute, acknowledge and deliver any and all documents requested by Lessee, any of Lessee's Related Parties or any of such companies in order to accomplish the foregoing.

5. A. Lessor represents and warrants that Lessor owns good and marketable title in fee simple to the Premises, free and clear of all liens and encumbrances except as set forth on Exhibit C attached hereto and made a part hereof, and Lessor acknowledges that Lessee is relying upon the foregoing representation and warranty in entering into this agreement and in expending monies in connection herewith. Lessor covenants, represents and warrants that on or before sixty (60) days after the date hereof, Lessor will obtain fee simple title for the Right of Use Areas set forth in Exhibits A and B, or absent fee simple title, Lessor will obtain an easement for and to the benefit of Lessee's activities set forth in paragraph 4A for the Right of Use Areas designated in Exhibits A and B.

B. Lessor represents and warrants that no litigation or governmental, administrative, or regulatory proceeding is pending, proposed, or threatened with respect to the Premises or the Right of Use Areas, including, without limitation, claims of third parties.

6. A. Lessee shall pay all charges for utilities used by Lessee in connection with the Premises during the Term and any Extended Terms.

B. It shall be a "Lessor Breach" if Lessor defaults in its obligations under this agreement. If Lessor does not cure or reverse the effect of a Lessor Breach within thirty (30) days after notice to Lessor (provided, however, that such notice shall not be required in circumstances which Lessee reasonably deems to be an emergency), then Lessee may (x) withhold payments of rent until Lessor cures or reverses the effect of the Lessor Breach, or (y) Lessee may terminate this agreement by notice to Lessor, and upon such termination the Term and all obligations of Lessee contained herein shall forthwith terminate and end.

C. For purposes of this paragraph 6C, the following terms shall have the respective meanings set forth as follows: the term "Taxes" means all federal, state and local governmental taxes, assessments and charges of every kind or nature whatsoever (whether general, special, ordinary or extraordinary) levied, assessed or charged against the specified real estate and improvements because of or in connection with the ownership, leasing, management, control or operation of the specified real estate and improvements including, without limitation, real estate taxes or assessments, transit or transit district taxes or assessments, any tax or excise on rent or any other tax, however described, on account of rental received for use and occupancy of any or all of the specified real estate and improvements, whether any such taxes are imposed by the governments of the United States, the State of Illinois, the County in which the specified real estate and improvements in

question are located or any local governmental municipality, authority or agency or any political subdivision thereof or any other taxing body and including any rental fees or similar taxes levied in lieu of, or in addition to, general real property taxes, but excluding any federal, state or local sales, use, franchise, capital stock, inheritance, general or net income, gift or estate taxes; the term "Lessor's Entire Property" means collectively the entire parcel of real estate presently owned by Lessor of which the Premises is a part, the existing improvements on said entire parcel (which entire parcel and existing improvements are presently designated by Permanent Index Number 10-35-200-028), and the improvements hereafter located on said entire parcel; the term "Lessor's Net Property" means Lessor's Entire Property less (i) the Premises and (ii) the improvements and additions hereafter constructed or made by Lessee and Lessee's Related Parties on the Premises; and the term "Lessee's Property" means Lessor's Entire Property less Lessor's Net Property.

Lessee is hereby authorized and directed to prepare and file, at Lessee's expense, during 1990 with the appropriate governmental authorities of the jurisdiction in which the Premises are located, a petition for a tax division with respect to Lessor's Entire Property, so as to designate Lessee's Property as a separate tax parcel. Until such time as such tax division is effective and a separate tax bill is issued for Lessee's Property, Lessor shall pay prior to the delinquency date any and all Taxes assessed, levied or incurred for 1989 and subsequent years on or against Lessor's Entire Property. From and after the time that such designation is effective, Lessee shall pay prior to the delinquency date any and all Taxes assessed, levied or incurred from and after such designation during the Term and any Extended Terms on or against Lessee's Property; and Lessor shall pay prior to the delinquency date any and all Taxes assessed, levied or incurred against Lessor's Net Property. If any rebate or refund of the aforescribed Taxes is made, the rebate or refund (less the reasonable expenses incurred in obtaining same) shall be retained by or paid to Lessee based on the proportion which the Taxes paid by Lessee bears to the total amount of Taxes to which such rebate or refund relates.

Lessee and Lessee's Related Parties shall have the right at Lessee's expense, in Lessee's name or in the name of Lessor, to contest the amount and validity, in whole or in part, of any component of the Taxes or any of the Taxes or portion thereof for which Lessee is responsible pursuant to the terms hereof, by appropriate proceedings diligently conducted. Lessor shall promptly provide Lessee with copies of all bills for Taxes, applicable assessment and reassessment notices and other matters relating to any Taxes to the end that Lessee is not prejudiced in exercising the rights granted hereunder.

7. Lessee and Lessee's Related Parties shall have the right at any time during the Term, at their own expense (a) to construct or make any improvements of whatever kind or description upon or in the Premises, (b) to install Equipment upon or in the Premises, (c) to install Equipment such as wires, cables, junction boxes and related or similar fixtures upon or in the Right of Use Areas, provided that all such installations meet applicable municipal ordinances and codes and (d) to remove any such improvements and Equipment so constructed, made or installed. Any and all improvements and Equipment so constructed, made or installed shall remain personal property and shall belong to and be removable by Lessee during the Term, and for a reasonable time after the expiration of the Term or such earlier date as this agreement is terminated.

8. Lessee shall keep the Premises in good condition and repair in accordance with applicable state and municipal laws, and, at the expiration of the Term, or such earlier date as this agreement is terminated, Lessee will remove all above-ground improvements and Equipment constructed, made or installed by Lessee, and will otherwise yield up the Premises in at least as good a condition as when the same were entered upon by Lessee, ordinary wear and tear and loss by causes beyond Lessee's control excepted.

9. Lessee and its agents may apply to governmental authorities and public utility companies for any Approvals and easements required of or deemed useful by Lessee for its use of the Premises, or in order to construct or make improvements, or to install Equipment, pursuant to this agreement. Lessor shall cooperate fully with Lessee in connection with the foregoing and, upon

request of Lessee, shall take any and all actions and execute, acknowledge and deliver any and all documents and instruments reasonably requested by Lessee in connection therewith, including, without limitation, easements for public utilities provided that such documents or instruments are in form reasonably acceptable to Lessor's counsel and provided further that none of the foregoing actions, documents or instruments shall impose any liability on Lessor. Lessee shall reimburse Lessor for any reasonable costs reasonably expended by Lessor in connection with the foregoing. Lessee shall pay all license, permit and inspection fees required in connection with its use of the Premises or the conduct of its business thereon.

10. Lessee's obligations hereunder are contingent upon the occurrence of the following events on or before December 31, 1990:

(a) Lessee shall have received the Approvals and easements referred to in paragraphs 2, 4B and 9 hereof; and

(b) Lessee shall have received results of soil and/or radio frequency tests (to be obtained by Lessee at Lessee's expense) relating to the Premises, and such results are satisfactory to Lessee in its sole discretion.

If one or more of such events shall not have occurred or if Lessor shall not have obtained fee simple title for the Right of Use Areas set forth in Exhibits A and B, or absent fee simple title, an easement for and to the benefit of Lessee's activities as set forth in paragraph 4A for the Right of Use Areas designated in Exhibits A and B on or before sixty (60) days after the date hereof, then at Lessee's option, Lessee may terminate this agreement by giving a notice to Lessor on or before said date. Upon such termination by Lessee, the Term and all of Lessee's obligations contained herein shall forthwith terminate and end on the date specified in such notice. If Lessee terminates this agreement, Lessor shall be entitled to retain all rent theretofore paid by Lessee.

11. Lessee shall indemnify Lessor and the Premises from all liens or claims for lien for labor or material by reason of any work done or material furnished Lessee in connection with construction pursuant to this agreement. If any such lien or claim for lien is filed against the Premises, Lessor shall give Lessee notice thereof and demand that Lessee remove the same, and if the same is not removed within thirty (30) days after Lessee receives such notice and demand, then (and only then) Lessor may (unless within such thirty (30) day period Lessee furnishes to Lessor reasonable security to protect against such lien), without inquiring into the validity thereof, remove the same at its expense, and Lessee shall repay Lessor for any amounts so advanced within fifteen (15) days after receipt of Lessor's statement therefor.

12. During the Term, Lessee shall, at its expense, obtain liability insurance issued by a company authorized to do business in Illinois, providing coverage in limits of at least \$1,000,000.00, in the event of bodily injury or death, or property damage, or both, as a result of any one accident or occurrence on the Premises. Lessee shall send a certificate therefor to Lessor within a reasonable time after receipt of Lessor's request therefor; provided that Lessor shall not make such a request more than a reasonable number of times. Such certificate shall list Lessor as an additional insured and shall contain a statement substantially as follows: "should any of the policies described [therein] be cancelled before the expiration date thereof, the issuing company will endeavor to mail 30 days written notice to the certificate holder named [therein], but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents or representatives."

13. INTENTIONALLY DELETED

14. For purposes of this paragraph, each of the following dates is a "Rent Stop Date": the last day of the month of April in each of the years 1995, 2000, 2005, 2010, 2015, 2020, 2025 and 2030. If this agreement has not been terminated pursuant to paragraph 10 hereof, then at Lessee's option, Lessee may terminate this agreement, effective as of a termination date selected by Lessee in its discretion (the "Termination Date"), by sending a termination notice ("Lessee's Termination Notice") to Lessor, and upon such termination

the Term and all obligations of Lessee contained herein shall forthwith terminate and end on the Termination Date specified in Lessee's Termination Notice; provided that, in the event of a termination pursuant to the foregoing provision, notwithstanding the termination and irrespective of the actual Termination Date, Lessee's obligation to pay Monthly Monetary Consideration shall continue through (and shall end on) the Rent Stop Date next following the Termination Date; but if the Termination Date is the same as a Rent Stop Date, then Lessee's obligation to pay Monthly Monetary Consideration shall end on the Termination Date. The foregoing right to terminate shall not be deemed to be exclusive and shall not preclude a termination by Lessee in the event of a default by Lessor.

15. A. Lessee shall have the right to sublease, for the same purpose, all or any part of the Premises or the improvements and Equipment constructed, made or installed pursuant to this agreement for any use permitted by this agreement and/or to assign or transfer this agreement, all or any of Lessee's rights or interests hereunder, for the same purposes set forth by this agreement; and any such sublease, assignment or transfer may be absolute, conditional or in consideration of or as additional security for any financing or equipment leasing arrangement into which Lessee may enter. Lessee shall have the right to record, register and/or file such evidence of any such sublease, assignment or transfer as Lessee may deem appropriate, without thereby committing a default under this agreement.

B. Lessor shall have the unconditional right to assign or transfer this agreement provided that the rights granted to Lessor under paragraph 1C hereof are personal to Lessor and may not be assigned.

16. Lessor, on behalf of Lessor and all persons, corporations and other entities claiming by, through or under Lessor, and their respective heirs, executors, administrators, personal representatives, successors and assigns, covenants and agrees with Lessee that as long as Lessee, or one of Lessee's Related Parties, pays the rent herein reserved and performs all of Lessee's obligations hereunder, Lessee and Lessee's Related Parties (a) shall have quiet and peaceful enjoyment and possession of the Premises and the Rights of Use Areas throughout the Term free from claims and demands by Lessor and all persons, corporations and other entities claiming by, through or under Lessor, or claiming under title paramount to Lessor, and (b) shall be entitled to exercise all of Lessee's rights hereunder during the Term.

17. Each party hereto shall, from time to time, within fourteen (14) days after a written request is made by the other party, execute, acknowledge and deliver to the requesting party a certificate in writing (a) stating that this agreement is unmodified and in full force and effect (or, if modified, stating in detail the nature of such modifications and stating that this agreement, as so modified, is in full force and effect) and stating the date to which rent and other charges have been paid, and (b) either stating that to the knowledge of the certifying party no default exists hereunder or specifying each default of which the certifying party has knowledge. Any such certificate may be conclusively relied upon by any person or entity. Failure to deliver such a certificate within fourteen (14) days after such request is made shall be conclusive against the party failing to deliver such certificate (a) that this agreement is in full force and effect, without modification except as may be represented by the party that requested such certificate, and (b) that the party that requested such certificate is not in default hereunder.

18. If (a) Lessee shall default in the payment of Monthly Monetary Consideration and such default shall continue for fifteen (15) days after written notice thereof is received by Lessee, or (b) Lessee shall default in the performance of any other of Lessee's obligations herein contained and such default shall continue for thirty (30) days after written notice thereof is received by Lessee (provided, however, that if the default reasonably cannot be cured within thirty (30) days, said thirty (30) day period shall be extended for such additional time as is reasonably necessary to cure the default), or (c) Lessee is adjudicated a bankrupt or a trustee is appointed for Lessee after a petition has been filed against Lessee under the Bankruptcy Act of the United States, or a receiver is appointed for Lessee's business or property (and the order of adjudication or appointing a trustee or receiver has not been vacated within sixty (60) days after the entry thereof), then, upon ten (10) days' notice to Lessee, Lessee's right to possession of the

Premises may be terminated and the mere retention of possession thereafter by Lessee shall constitute a forcible detainer of the Premises, and if Lessor so elects by notice to Lessee, this agreement shall thereupon terminate, and upon termination of Lessee's right to possession, whether this agreement be terminated or not, Lessee shall surrender possession of the Premises immediately. Lessor hereby expressly waives any and all right to distrain for rent due and any and all landlord's liens or claim of such upon any or all property of Lessee and Lessee's Related Parties, on the Premises or the Right of Use Areas.

19. If any suit or action shall be brought to enforce or declare any of the terms of this agreement, to terminate this agreement, to recover possession of the Premises or to recover any rent or damages sustained as a result of a default in the performance of any obligations under this agreement or a breach of any of the representations and warranties herein contained, the party not prevailing in such suit or action shall be liable to the prevailing party for the prevailing party's costs and expenses, including, without limitation, court costs and reasonable attorneys' and expert witnesses' fees, the amount of which shall be fixed by the court and shall be made a part of any judgment rendered.

20. All notices and demands under this agreement shall be in writing, and shall be deemed to have been given when delivered in person or by courier, or when mailed by United States registered or certified mail with proper postage prepaid, to Lessor, if intended for it, at the address for payment of rent designated by Lessor from time to time by notice to Lessee, or to Lessee, if intended for it, at Cellular One, 840 East State Parkway, Schaumburg, Illinois, 60173 Attention: Business Manager. Either party hereto may change the place for notice to it by sending like written notice to the other party hereto.

21. Each party hereto represents and warrants that it has full power and authority to enter into this agreement and to perform the covenants and obligations herein contained. Each person executing this agreement represents and warrants that he or she is duly authorized to execute this agreement.

22. This agreement and all the rights, covenants and obligations contained in this agreement shall inure to the benefit of and be binding upon Lessor, Lessee, Lessee's Related Parties and their respective heirs, executors, administrators, personal representatives, successors and assigns. It is understood that as of the date of this agreement, Lessor is comprised only of the party or parties named as such in this agreement or any other instrument executed herewith. If now or at any time hereafter Lessor is comprised of more than one person or entity, Lessor's obligations under this agreement shall be the joint and several obligations of all persons and entities comprising Lessor.

23. In any case where the approval or consent of Lessor is required, requested or otherwise to be given under this agreement, an approval or consent by any of the persons or entities comprising Lessor shall be sufficient, and Lessee may rely upon any such approval or consent. In any case where the approval or consent of Lessor is required under this agreement, Lessor shall not unreasonably delay or withhold its approval or consent.

24. This agreement supersedes all prior agreements and understandings, both written and oral, of the parties with respect to the subject matter hereof. This agreement may be executed in any number of counterparts, and by the different parties on different counterparts, each of which when executed shall be deemed an original, and all of which together shall constitute one and the same agreement. If any clause, phrase, provision or portion of this agreement or the application thereof to any person or circumstance shall be invalid or unenforceable under applicable law, such event shall not affect, impair or render invalid or unenforceable the remainder of this agreement, nor any other clause, phrase, provision or portion hereof, nor shall it affect the application of any clause, phrase, provision or portion hereof to other persons or circumstances. Changes in the number, gender and grammar of terms and phrases herein, where necessary to conform this agreement to the circumstances of the parties hereto, shall in all cases be assumed as though in each case fully expressed herein. This agreement shall be construed in accordance with the laws of the State of Illinois.

25. Contemporaneously with Lessor's execution hereof, Lessor shall furnish Lessee with a certified copy of Lessor's resolutions authorizing execution of this agreement and an opinion of Lessor's counsel in substantially the form attached hereto as Exhibit D.

26. Notwithstanding anything to the contrary contained herein, this agreement shall be subject to the following conditions:

(i) Construction shall be in substantial compliance with Lessee's Application for a Special Use and with the building plans submitted to Lessor, and in any event shall comply with the Lincolnwood Building Code and any directives of the Building Commissioner;

(ii) Lessee shall install climb guards at the base of the Tower;

(iii) Lessee shall not use the Tower for advertising, displays or signs of any kind;

(iv) In the event the Tower or Lessee's equipment building on the Premises for the purposes set forth herein shall be abandoned for any reason whatsoever for a period of at least six (6) months, Lessee shall, at Lessee's expense, remove the Tower and any other improvements and restore the Premises in at least as good a condition as when the same were entered upon by Lessee, ordinary wear and tear and loss by causes beyond Lessee's control excepted; and

(v) Lessee shall reimburse Lessor for any attorneys' fees incurred in connection with this agreement upon submission by Lessor to Lessee of an itemized statement of such fees.

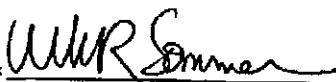
(vi) Lessor shall obtain fee simple title for the Right of Use Areas set forth in Exhibits A and B, or absent fee simple title, Lessor will obtain an easement for and to the benefit of Lessee's activities as set forth in paragraph 4A for the Rights of Use Areas designated in Exhibits A and B.

IN WITNESS WHEREOF, the parties have executed this agreement as of the day and year first above written.

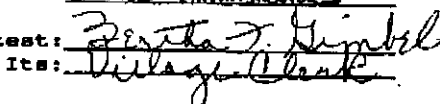
LESSOR:

VILLAGE OF LINCOLNWOOD, an
Illinois Municipal corporation

By:


Its: Village Administrator

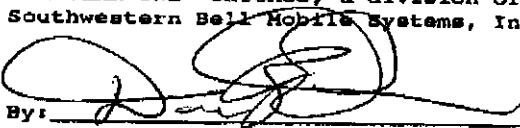
Attest:


Its: Village Clerk

LESSEE:

CELLULAR ONE®-CHICAGO, a division of
Southwestern Bell Mobile Systems, Inc.

By:


Its: Vice President-Network Operations

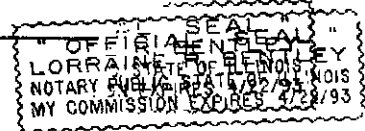
NOTARY ACKNOWLEDGEMENT FOR CORPORATE LESSOR

STATE OF ILLINOIS)
COUNTY OF COOK) SS.

I, Lorraine Bentley, a Notary Public in and for the said County and State aforesaid DO HEREBY CERTIFY that the foregoing instrument was acknowledged before me this July 30, 1990, by Lorraine Bentley and James E. Bentley, personally known to me to be the Vice-President and the President, respectively, of VILLAGE OF LINCOLNWOOD, an Illinois Municipal corporation, on behalf of the corporation.

Lorraine Bentley
Notary Public

My commission expires: _____

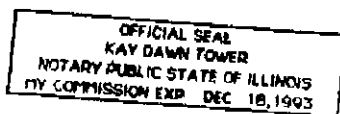
NOTARY ACKNOWLEDGEMENT FOR LESSEE

STATE OF ILLINOIS)
COUNTY OF COOK) SS.

I, Kay Dawn Tower, a Notary Public in and for the said County and State aforesaid DO HEREBY CERTIFY that the foregoing instrument was acknowledged before me this JULY 30, 1990, by JANE ERSHER, personally known to me to be the Vice-President - Network Operations of CELLULAR ONE®-CHICAGO, a division of Southwestern Bell Mobile Systems, Inc., a corporation incorporated under the laws of the State of Delaware and the Commonwealth of Virginia, on its behalf.

Kay Dawn Tower
Notary Public

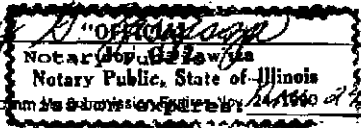
My commission expires: 12/18/93



NOTARY ACKNOWLEDGEMENT FOR CORPORATE LESSOR

STATE OF ILLINOIS)
) SS.
 COUNTY OF COOK)

I, Joy G. ZAWISZKA, a Notary Public in and for the said County and State aforesaid DO HEREBY CERTIFY that the foregoing instrument was acknowledged before me this June 5, 1990, by William R. Sommer and Beth A. Gumbel, personally known to me to be the Village Administrator and the Village Clerk, respectively, of VILLAGE OF LINCOLNWOOD, an Illinois Municipal corporation, on behalf of the corporation.


 Notary Public, State of Illinois
 My commission expires 24/1990

NOTARY ACKNOWLEDGEMENT FOR LESSEE

STATE OF _____)
) SS.
 COUNTY OF _____)

I, _____, a Notary Public in and for the said County and State aforesaid DO HEREBY CERTIFY that the foregoing instrument was acknowledged before me this _____, 19____, by _____, personally known to me to be the Vice-President - Network Operations of CELLULAR ONE®-CHICAGO, a division of Southwestern Bell Mobile Systems, Inc., a corporation incorporated under the laws of the State of Delaware and the Commonwealth of Virginia, on its behalf.

 Notary Public

My commission expires: _____

EXHIBIT A

Common address or approximate location of Premises:

(Vacant Lot) Lunt Avenue, Lincolnwood, Illinois

Legal Descriptions:

REAL ESTATE DESCRIPTION

THAT PART OF LOT FIVE IN ANDREW BARKULES AND SONS SUBDIVISION IN THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION THIRTY-FIVE, TOWNSHIP FORTY-ONE NORTH, RANGE THIRTEEN, EAST OF THE THIRD PRINCIPAL MERIDIAN, SAID ANDREW BARKULES AND SONS SUBDIVISION RECORDED ON JUNE 24, 1966 AS DOCUMENT NO. 19867378, BOUNDED AND DESCRIBED AS FOLLOWS: COMMENCING AT THE MOST SOUTHWESTERLY CORNER OF SAID LOT FIVE; THENCE NORTH 00°-01'-30" WEST, BEING AN ASSUMED BEARING ON THE WEST LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION THIRTY-FIVE, ALSO BEING THE MOST WESTERLY LINE OF SAID LOT FIVE, A DISTANCE OF 57.32 FT. TO THE INTERSECTION WITH THE SOUTHEASTERLY RIGHT-OF-WAY LINE OF THE CHICAGO AND NORTHWESTERN RAILWAY; THENCE NORTH 22°-04'-30" EAST ON THE SOUTHEASTERLY RIGHT-OF-WAY LINE OF SAID CHICAGO AND NORTHWESTERN RAILWAY, ALSO BEING THE NORTHWESTERLY LINE OF SAID LOT FIVE, A DISTANCE OF 107.0 FT. TO THE POINT OF BEGINNING; THENCE SOUTH 67°-55'-30" EAST A DISTANCE OF 40.0 FT.; THENCE NORTH 22°-04'-30" EAST A DISTANCE OF 40.0 FT.; THENCE NORTH 67°-55'-30" WEST A DISTANCE OF 40.0 FT.; THENCE SOUTH 22°-04'-30" WEST A DISTANCE OF 40.0 FT. TO THE POINT OF BEGINNING, ALL IN COOK COUNTY, ILLINOIS.

EASEMENT FOR CONSTRUCTION

THAT PART OF LOT FIVE IN ANDREW BARKULES AND SONS SUBDIVISION IN THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION THIRTY-FIVE, TOWNSHIP FORTY-ONE NORTH, RANGE THIRTEEN, EAST OF THE THIRD PRINCIPAL MERIDIAN, SAID ANDREW BARKULES AND SONS SUBDIVISION RECORDED ON JUNE 24, 1966 AS DOCUMENT NO. 19867378, BOUNDED AND DESCRIBED AS FOLLOWS: COMMENCING AT THE MOST SOUTHWESTERLY CORNER OF SAID LOT FIVE; THENCE NORTH 00°-01'-30" WEST, BEING AN ASSUMED BEARING ON THE WEST LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION THIRTY-FIVE, ALSO BEING THE MOST WESTERLY LINE OF SAID LOT FIVE, A DISTANCE OF 57.32 FT. TO THE INTERSECTION WITH THE SOUTHEASTERLY RIGHT-OF-WAY LINE OF THE CHICAGO AND NORTHWESTERN RAILWAY; THENCE NORTH 22°-04'-33" EAST ON THE SOUTHEASTERLY RIGHT-OF-WAY LINE OF SAID CHICAGO AND NORTHWESTERN RAILWAY, ALSO BEING THE NORTHWESTERLY LINE OF SAID LOT FIVE, A DISTANCE OF 107.0 FT. TO THE POINT OF BEGINNING; THENCE SOUTH 67°-55'-30" EAST A DISTANCE OF 40.0 FT.; THENCE SOUTH 22°-04'-30" WEST A DISTANCE OF 60.0 FT.; THENCE NORTH 67°-55'-30" WEST A DISTANCE OF 40.0 FT.; THENCE NORTH 22°-04'-30" EAST A DISTANCE OF 60.0 FT. TO THE POINT OF BEGINNING, ALL IN COOK COUNTY, ILLINOIS.

EASEMENT FOR INGRESS AND EGRESS

THAT PART OF THE NORTH HALF OF SECTION THIRTY-FIVE, TOWNSHIP FORTY-ONE NORTH, RANGE THIRTEEN, EAST OF THE THIRD PRINCIPAL MERIDIAN, AND PART OF LOT FIVE IN ANDREW BARKULES AND SONS SUBDIVISION IN THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION THIRTY-FIVE, SAID ANDREW BARKULES AND SONS SUBDIVISION RECORDED ON JUNE 24, 1966 AS DOCUMENT NO. 19867378, BOUNDED AND DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHWEST CORNER OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION THIRTY-FIVE; THENCE NORTH 00°-01'-30" WEST, BEING AN ASSUMED BEARING ON THE WEST LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION THIRTY-FIVE, A DISTANCE OF 187.57 FT.; THENCE NORTH 22°-04'-30" EAST A DISTANCE OF 147.30 FT.; THENCE SOUTH 67°-55'-30" EAST A DISTANCE OF 15.0 FT.; THENCE SOUTH 22°-04'-30" WEST A DISTANCE OF 144.37 FT. TO THE SOUTHEASTERLY LINE OF SAID LOT FIVE; THENCE SOUTH 00°-01'-30" EAST A DISTANCE OF 184.25 FT. TO THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION THIRTY-FIVE; THENCE SOUTH 88°-27'-13" WEST ON THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION THIRTY-FIVE AND THE SOUTH LINE OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION THIRTY-FIVE, A DISTANCE OF 15.01 FT. TO THE POINT OF BEGINNING, ALL IN COOK COUNTY, ILLINOIS.

EXHIBIT B

(PLAT OF SURVEY AND/OR SITE PLAN TO BE INSERTED BY LESSEE)

EXHIBIT C

Liens and encumbrances to which the Premises and the Right of Use Areas are subject:

Lessee's rights under the agreement of which this Exhibit C is a part

EXHIBIT D

, 19__

Cellular One® - Chicago,
a division of Southwestern
Bell Mobile Systems, Inc.
840 East State Parkway
Schaumburg, IL 60195

Re: Village of Lincolnwood

Gentlemen:

We have acted as the attorneys for the Village of Lincolnwood ("Village") in connection with that certain Site Agreement No. 64 - Lincolnwood, Illinois, dated as of _____, by and between the Village and Cellular One® - Chicago, a division of Southwestern Bell Mobile Systems, Inc. ("Cellular"), pursuant to which the Village has leased to Cellular certain Premises (as such term is defined therein) and granted to Cellular certain Rights of Use (as such term is defined therein) appurtenant to the Premises, all situated in the Village of Lincolnwood, in the County of Cook and State of Illinois ("Agreement").

In connection with the opinions expressed below, we have reviewed the following: (i) the Agreement; (ii) [relevant enabling statute] ("Act") including, without limitation, Section _____ thereof; and (iii) such other information, data, documents, records and instruments as we have deemed necessary and relevant in order to enable us to render our opinions as hereinafter set forth.

Based on the foregoing, it is our opinion that: (1) the Agreement has been duly authorized, executed and delivered by the Village and is valid, binding and enforceable against the Village in accordance with its terms; (2) the Village has taken all necessary corporate action with respect to the Agreement and has full power to enter into and perform its obligations under the Agreement; (3) no notice to or signature, acknowledgement, affidavit, certificate, consent, approval, resolution or other authorization of, or by, the Village, its Village Council, any elected official of the Village or any other person is required in connection with the Village's authorization, execution and delivery of the Agreement, and its performance thereunder and compliance therewith, other than the notices, signatures, acknowledgements, affidavits, certificates, consents, approvals, resolutions and authorizations that have been given, obtained or made to date; (4) neither the execution and delivery by the Village of the Agreement, nor its compliance therewith, nor its performance of its obligations under the Agreement, will conflict with the Act, or, to our knowledge (having made due inquiry), will result in a default under or a breach of any other agreement or instrument to which the Village is a party or may be bound; and (5) neither the execution and delivery by the Village of the Agreement, nor its compliance therewith, nor its performance of its obligations under the Agreement, will result in a violation of the Act, any statute, regulation, law or ordinance, or, to our knowledge (having made due inquiry), will result in a violation of any order, writ, judgment or decree of any court, agency or governmental authority to which the Village is a party or may be bound.

SCHEDULE 1Monthly Monetary Consideration

██████ per month for the period through April 30, 1995;
██████ per month for the period from May 1, 1995 through April 30, 2000;
██████ per month for the period from May 1, 2000 through April 30, 2005;
██████ per month for the period from May 1, 2005 through April 30, 2010;
██████ per month for the period from May 1, 2010 through April 30, 2015;
██████ per month for the period from May 1, 2015 through April 30, 2020;
██████ per month for the period from May 1, 2020 through April 30, 2025; and
██████ per month for the period from May 1, 2025 through April 30, 2030.



Structural Analysis Report

Structure : 100 ft Self Supported Tower
ATC Site Name : Lincolnwood, IL
ATC Site Number : 303900
Engineering Number : 56280725
Proposed Carrier : Verizon
Carrier Site Name : Lincolnwood ATC SC
Carrier Site Number : 277176
Site Location : 7001 Central Park
Chicago, IL 60712-2613
42.009083, -87.718700
County : Cook
Date : February 26, 2014
Max Usage : 64%
Result : Pass

Michael B. Davenport
Structural Engineer III

A handwritten signature in black ink that reads 'Michael B. Davenport'.



Feb 26 2014 5:15 PM



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Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 100 ft self supported tower to reflect the change in loading by Verizon.

Supporting Documents

Tower Drawings	Pirol Drawing #113637-B, dated March 15, 1989
Foundation Drawing	Louis C. Cordogan Job #54924, dated January 30, 1990
Geotechnical Report	H. H. Holmes File #7306.71, dated February 22, 1990
TIA Inspection	Norman Tower Service Report, dated February 4, 2010

Analysis

The tower was analyzed using tnxTower version 6.1 tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/EIA-222.

Basic Wind Speed:	90 mph (3-Second Gust) / 20 psf Minimum Wind Pressure
Basic Wind Speed w/ Ice:	40 mph (3-Second Gust) w/ 3/4" radial ice concurrent
Code:	ANSI/TIA-222-G / Chicago Building Code
Structure Class:	II
Exposure Category:	C
Topographic Category:	1

Conclusion

Based on the analysis results, the structure meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report.

If you have any questions or require additional information, please contact American Tower via email at Engineering@americantower.com. Please include the American Tower site name, site number, and engineering number in the subject line for any questions.

**Existing and Reserved Equipment**

Mount Elev. ¹ (ft)	Qty.	Antenna	Mount Type	Lines	Carrier
98.0	12	CSS DBC-750	Sector Frame	(18) 7/8" Coax (3) 0.82" 8 AWG 6 (1) 0.40" Fiber (1) 2" conduit (1) 3/8" Coax	AT&T Mobility
	12	Ericsson KRY 112 76/1			
	1	Raycap DC6-48-60-18-8F			
	1	Raycap DC6-48-60-0-8F			
	6	Ericsson RRUS 11			
	3	Ericsson KRC 161 423/1			
	3	Andrew SBNHH-1D65B			
	6	Powerwave P65-16-XLH-RR			
	3	Ericsson KRC 118 048/1			
97.0	1	8' Dipole	Leg	(1) 7/8" Coax	-

Proposed Equipment

Elevation ¹ (ft)		Qty.	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
30.0	30.0	1	CANTEX 6"X6"x4" Junction box	Stand-Off	(4) 0.51" Hybrid (2) 2" Carflex Non-Metallic Conduit	Verizon Wireless
		1	Ericsson RRUL			
		3	Antel QXW-632X634XBF-EDIN			
		1	Ericsson RRUS 12 - Band 4			

¹Mount elevation is defined as height above bottom of steel structure to the bottom of mount, RAD elevation is defined as center of antenna above ground level (AGL).

Install proposed conduit single stacked on any tower face with hybrid lines running inside of conduit.



Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Legs	64%	Pass
Diagonals	55%	Pass
Horizontals	36%	Pass
Anchor Bolts	29%	Pass
Leg Bolts	25%	Pass

Foundations

Reaction Component	Analysis Reactions
Uplift (Kips)	98.8
Axial (Kips)	108.6
Shear (Kips)	11.0

The structure base reactions resulting from this analysis were found to be acceptable through analysis based on geotechnical and foundation information, therefore no modification or reinforcement of the foundation will be required.

Deflection, Twist and Sway*

Antenna Elevation (ft)	Deflection (in)	Twist (°)	Sway (Rotation) (°)
30.0	0.196	0.003	0.065

*Deflection, Twist and Sway was evaluated considering a design wind speed of 60 mph (3-Second Gust) per ANSI/TIA-222-G



Standard Conditions

All engineering services are performed on the basis that the information used is current and correct. This information may consist of, but is not necessary limited, to:

- Information supplied by the client regarding the structure itself, antenna, mounts and feed line loading on the structure and its components, or other relevant information.
- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements of the structure.

It is the responsibility of the client to ensure that the information provided to ATC Tower Services, Inc. and used in the performance of our engineering services is correct and complete. In the absence of information to the contrary, we assume that all structures were constructed in accordance with the drawings and specifications and that their capacity has not significantly changed from the "as new" condition.

Unless explicitly agreed by both the client and American Tower Corporation, all services will be performed in accordance with the current revision of ANSI/TIA -222. The design basic wind speed will be determined based on the minimum basic wind speed as prescribed in ANSI/TIA-222. Although every effort is taken to ensure that the loading considered is adequate to meet the requirements of all applicable regulatory entities, we can provide no assurance to meet any other local and state codes or requirements. If wind and ice loads or other relevant parameters are to be different from the minimum values recommended by the codes, the client shall specify the exact requirement.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. ATC Tower Services, Inc. is not responsible for the conclusions, opinions and recommendations made by others based on the information we supply.

DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
Flat Sector Frame	98	SBNHH-1D65B	98
Flat Sector Frame	98	SBNHH-1D65B	98
Flat Sector Frame	98	(2) P65-16-XLH-RR	98
(4) DBC-750	98	(2) P65-16-XLH-RR	98
(4) DBC-750	98	(2) P65-16-XLH-RR	98
(4) DBC-750	98	KRC 118 048/1	98
(4) KRY 112 76/1	98	KRC 118 048/1	98
(4) KRY 112 76/1	98	KRC 118 048/1	98
(4) KRY 112 76/1	98	8' Dipole	98 - 97
DC6-48-60-18-8F	98	Flat Side Arm	30
DC6-48-60-0-8F	98	Flat Side Arm	30
(2) RRUS 11 (Band 7)	98	Flat Side Arm	30
(2) RRUS 11 (Band 7)	98	RRUS 12 - Band 4	30
(2) RRUS 11 (Band 7)	98	RRUL	30
KRC 161 423/1	98	QXW-632X634XBF-EDIN	30
KRC 161 423/1	98	QXW-632X634XBF-EDIN	30
KRC 161 423/1	98	QXW-632X634XBF-EDIN	30
SBNHH-1D65B	98	6"X6"x4" Junction box	30

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-50	50 ksi	65 ksi	A36	36 ksi	58 ksi

TOWER DESIGN NOTES

1. Tower is located in Cook County, Illinois.
2. Tower designed for Exposure C to the TIA-222-G Standard.
3. Tower designed for a 90 mph basic wind in accordance with the TIA-222-G Standard.
4. Tower is also designed for a 40 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Structure Class II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 64.1%

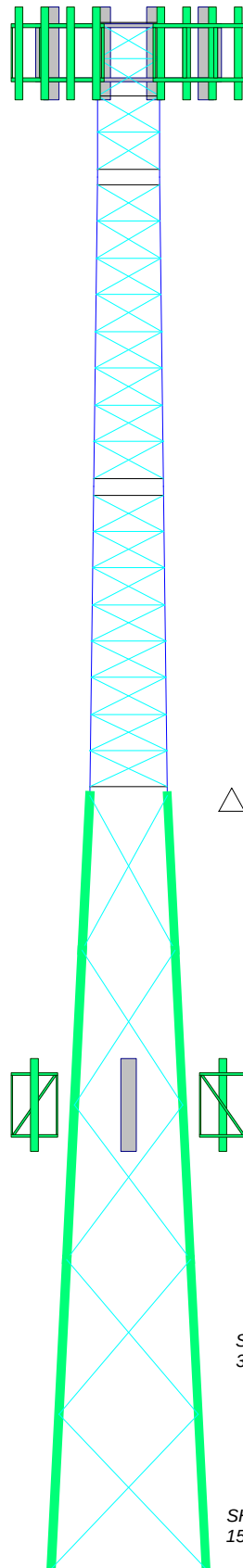
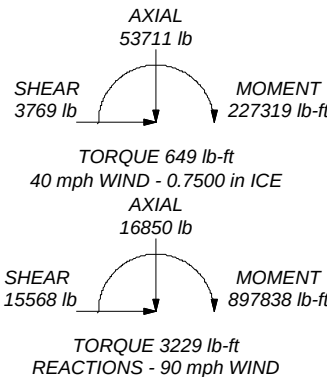
Original Design Reactions (Factored by 1.35, per TIA-222-G, Section 15.5.1)
Uplift: 109.8 K
Axial: 120.3 K
Shear: 16.9 K
Maximum Usage, per Analysis: 90% (100% Limit)

ALL REACTIONS
ARE FACTORED

MAX. CORNER REACTIONS AT BASE:

DOWN: 108639 lb
SHEAR: 10974 lb

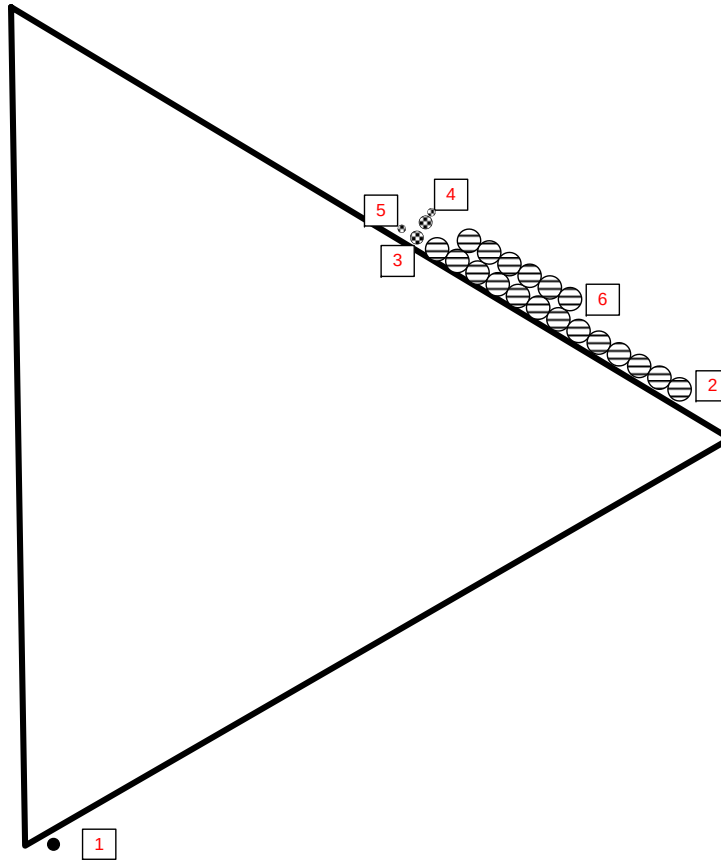
UPLIFT: -98844 lb
SHEAR: 10060 lb



100.0 ft
90.0 ft
70.0 ft
50.0 ft
40.0 ft
20.0 ft
0.0 ft

Section	T1	T2	T3	T4	T5	T6
Legs	SR 1 1/2	SR 1 3/4	SR 2	Pirol 105244	Pirol 105216	Pirol 105217
Leg Grade						
Diagonals		SR 3/4		A572-50	L3x3x3/16	
Diagonal Grade		A572-50			A36	
Top Girts		SR 7/8			N.A.	
Mid Girts				N.A.		
Bottom Girts		SR 7/8			N.A.	
Horizontals		SR 3/4			N.A.	
# Panels @ (ft)				5	5 @ 10	8
Weight (lb)	442.6	968.2	1296.3	1112.3	2089.2	2480.3
		12 @ 2.375	8 @ 2.364			
		4.5				

ATC Tower Services				Job: Lincolnwood, IL (303900)	
3500 Regency Parkway				Project: 56280725	
Cary, NC 27518		Client: Verizon		Drawn by: michael.davenport	App'd:
Phone: (919) 466-5147		Code: TIA-222-G		Date: 02/26/14	Scale: NTS
FAX:		Path: C:\Users\michael.davenport\Desktop\303900-56280725-Verizon.eri		Dwg No. E-1	



7/8"		2- 1/4"		COAX WITH RED LINES ARE TO BE REMOVED
1/2"		1-5/8"		
EW63		1-1/4"		
EW52				

TOWER INFORMATION				
TOWER TAG	YES	OASIS	YES	
MANUFACTURER	PIROD			
HEIGHT	100'	TYPE:	SELF SUPPORT	
DRAW #:	113637-B	DATE :	03-15-1989	
TOWER PAINTED:	NO	COAX PAINTED	NO	
DETUNING	NO			

COAX LOADING				
#	CARRIER :	I/O	# COAX	SIZE
1	Safety Climb	O	1	3/8"
2	UNKNOWN 99.5'	O	1	7/8"
3	AT&T MOBILITY 99.5' DC	O	2	19.7mm
4	AT&T MOBILITY 99.5' FIBER	O	1	10mm
5	AT&T MOBILITY 97.5' RET	O	1	3/8"
6	AT&T MOBILITY 97.5' COAX	O	18	7/8"
7				

SITE REVIEW	AS BUILT
JOHN GOULAS	AMERICAN TOWER
SITE SUPERVISOR	

	LINCOLNWOOD			
	COAX LAYOUT			
	SIZE	FSCM NO	303900	REV
	SCALE: 1"=10'		SHEET	

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Tower Input Data

The main tower is a 3x free standing tower with an overall height of 100.00 ft above the ground line.

The base of the tower is set at an elevation of 0.00 ft above the ground line.

The face width of the tower is 4.00 ft at the top and 10.00 ft at the base.

This tower is designed using the TIA-222-G standard.

The following design criteria apply:

Tower is located in Cook County, Illinois.

Basic wind speed of 90 mph.

Structure Class II.

Exposure Category C.

Topographic Category 1.

Crest Height 0.00 ft.

Nominal ice thickness of 0.7500 in.

Ice thickness is considered to increase with height.

Ice density of 56 pcf.

A wind speed of 40 mph is used in combination with ice.

Temperature drop of 50 °F.

Deflections calculated using a wind speed of 60 mph.

A non-linear (P-delta) analysis was used.

Pressures are calculated at each section.

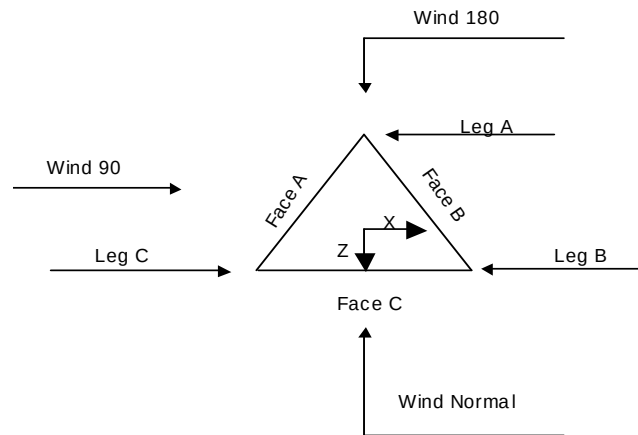
Stress ratio used in tower member design is 1.

Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

Consider Moments - Legs	Distribute Leg Loads As Uniform	Treat Feedline Bundles As Cylinder
Consider Moments - Horizontals	Assume Legs Pinned	Use ASCE 10 X-Brace Ly Rules
Consider Moments - Diagonals	√ Assume Rigid Index Plate	√ Calculate Redundant Bracing Forces
Use Moment Magnification	√ Use Clear Spans For Wind Area	Ignore Redundant Members in FEA
√ Use Code Stress Ratios	√ Use Clear Spans For KL/r	√ SR Leg Bolts Resist Compression
√ Use Code Safety Factors - Guys	√ Retension Guys To Initial Tension	√ All Leg Panels Have Same Allowable
Escalate Ice	√ Bypass Mast Stability Checks	Offset Girt At Foundation
Always Use Max Kz	√ Use Azimuth Dish Coefficients	√ Consider Feedline Torque
Use Special Wind Profile	√ Project Wind Area of Appurt.	√ Include Angle Block Shear Check
√ Include Bolts In Member Capacity	√ Autocalc Torque Arm Areas	Poles
Leg Bolts Are At Top Of Section	SR Members Have Cut Ends	Include Shear-Torsion Interaction
√ Secondary Horizontal Braces Leg	√ Sort Capacity Reports By Component	Always Use Sub-Critical Flow
Use Diamond Inner Bracing (4 Sided)	√ Triangulate Diamond Inner Bracing	Use Top Mounted Sockets
Add IBC .6D+W Combination	Use TIA-222-G Tension Splice Capacity	
	Exemption	

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**Triangular Tower**

Tower Section Geometry

Tower Section	Tower Elevation	Assembly Database	Description	Section Width	Number of Sections	Section Length
	ft			ft		ft
T1	100.00-90.00		V4 106778	4.00	1	10.00
T2	90.00-70.00		H4.5 107345	4.00	1	20.00
T3	70.00-50.00		H5.0 107733	4.50	1	20.00
T4	50.00-40.00		U6.0 105244	5.00	1	10.00
T5	40.00-20.00		U8.0 105216	6.00	1	20.00
T6	20.00-0.00		U10.0 105217 L3x3/16	8.00	1	20.00

Tower Section Geometry (cont'd)

Tower Section	Tower Elevation	Diagonal Spacing	Bracing Type	Has K Brace End Panels	Has Horizontals	Top Girt Offset	Bottom Girt Offset
	ft	ft				in	in
T1	100.00-90.00	2.38	X Brace	No	Steps	0.0000	6.0000
T2	90.00-70.00	2.38	X Brace	No	Steps	6.0000	6.0000
T3	70.00-50.00	2.36	X Brace	No	Steps	6.5280	6.5280
T4	50.00-40.00	10.00	X Brace	No	No	0.0000	0.0000
T5	40.00-20.00	10.00	X Brace	No	No	0.0000	0.0000
T6	20.00-0.00	10.00	X Brace	No	No	0.0000	0.0000

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Tower Section Geometry (cont'd)

Tower Elevation ft	Leg Type	Leg Size	Leg Grade	Diagonal Type	Diagonal Size	Diagonal Grade
T1 100.00-90.00	Solid Round	1 1/2	A572-50 (50 ksi)	Solid Round	3/4	A572-50 (50 ksi)
T2 90.00-70.00	Solid Round	1 3/4	A572-50 (50 ksi)	Solid Round	3/4	A572-50 (50 ksi)
T3 70.00-50.00	Solid Round	2	A572-50 (50 ksi)	Solid Round	7/8	A572-50 (50 ksi)
T4 50.00-40.00	Truss Leg	Pirol 105244	A572-50 (50 ksi)	Single Angle	L3x3x3/16	A36 (36 ksi)
T5 40.00-20.00	Truss Leg	Pirol 105216	A572-50 (50 ksi)	Single Angle	L3x3x3/16	A36 (36 ksi)
T6 20.00-0.00	Truss Leg	Pirol 105217	A572-50 (50 ksi)	Single Angle	L3x3x3/16	A36 (36 ksi)

Tower Section Geometry (cont'd)

Tower Elevation ft	Top Girt Type	Top Girt Size	Top Girt Grade	Bottom Girt Type	Bottom Girt Size	Bottom Girt Grade
T1 100.00-90.00	Solid Round	7/8	A572-50 (50 ksi)	Solid Round	7/8	A572-50 (50 ksi)
T2 90.00-70.00	Solid Round	7/8	A572-50 (50 ksi)	Solid Round	7/8	A572-50 (50 ksi)
T3 70.00-50.00	Solid Round	7/8	A572-50 (50 ksi)	Solid Round	7/8	A572-50 (50 ksi)

Tower Section Geometry (cont'd)

Tower Elevation ft	No. of Mid Girts	Mid Girt Type	Mid Girt Size	Mid Girt Grade	Horizontal Type	Horizontal Size	Horizontal Grade
T1 100.00-90.00	1	Solid Round	7/8	A572-50 (50 ksi)	Solid Round	3/4	A572-50 (50 ksi)
T2 90.00-70.00	None	Solid Round		A572-50 (50 ksi)	Solid Round	3/4	A572-50 (50 ksi)
T3 70.00-50.00	None	Solid Round		A572-50 (50 ksi)	Solid Round	3/4	A572-50 (50 ksi)

Tower Section Geometry (cont'd)

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Tower Elevation	Gusset Area (per face)	Gusset Thickness	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in
ft	ft ²	in						
T1 100.00-90.00	0.00	0.0000	A36 (36 ksi)	1	1	1.02	36.0000	36.0000
T2 90.00-70.00	0.00	0.0000	A36 (36 ksi)	1	1	1.02	36.0000	36.0000
T3 70.00-50.00	0.00	0.0000	A36 (36 ksi)	1	1	1.02	36.0000	36.0000
T4 50.00-40.00	0.00	0.5000	A36 (36 ksi)	1	1	1.05	36.0000	36.0000
T5 40.00-20.00	0.00	0.5000	A36 (36 ksi)	1	1	1.05	36.0000	36.0000
T6 20.00-0.00	0.00	0.5000	A36 (36 ksi)	1	1	1.05	36.0000	36.0000

Tower Section Geometry (cont'd)

Tower Elevation	Calc K Single Angles	Calc K Solid Rounds	Legs	K Factors ¹						
				X Brace Diags	K Brace Diags	Single Diags	Girts	Horiz.	Sec. Horiz.	Inner Brace
				X Y	X Y	X Y	X Y	X Y	X Y	X Y
T1 100.00-90.00	No	Yes	1	1	1	1	1	1	1	1
T2 90.00-70.00	No	Yes	1	1	1	1	1	1	1	1
T3 70.00-50.00	No	Yes	1	1	1	1	1	1	1	1
T4 50.00-40.00	Yes	No	1	1	1	1	1	1	1	1
T5 40.00-20.00	Yes	No	1	1	1	1	1	1	1	1
T6 20.00-0.00	Yes	No	1	1	1	1	1	1	1	1

¹Note: K factors are applied to member segment lengths. K-braces without inner supporting members will have the K factor in the out-of-plane direction applied to the overall length.

Tower Section Geometry (cont'd)

Tower Elevation	Truss-Leg K Factors					
	Truss-Legs Used As Leg Members			Truss-Legs Used As Inner Members		
	Leg Panels	X Brace Diagonals	Z Brace Diagonals	Leg Panels	X Brace Diagonals	Z Brace Diagonals
T4 50.00-40.00	1	0.5	0.85	1	0.5	0.85
T5 40.00-20.00	1	0.5	0.85	1	0.5	0.85
T6 20.00-0.00	1	0.5	0.85	1	0.5	0.85

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Tower Section Geometry (cont'd)

Tower Elevation ft	Leg		Diagonal		Top Girt		Bottom Girt		Mid Girt		Long Horizontal		Short Horizontal	
	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U
T1 100.00-90.00	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	1
T2 90.00-70.00	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	1
T3 70.00-50.00	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	1
T4 50.00-40.00	0.0000	1	0.0000	0.75	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	1
T5 40.00-20.00	0.0000	1	0.0000	0.75	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	1
T6 20.00-0.00	0.0000	1	0.0000	0.75	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	1

Tower Section Geometry (cont'd)

Tower Elevation ft	Leg Connection Type	Leg		Diagonal		Top Girt		Bottom Girt		Mid Girt		Long Horizontal		Short Horizontal	
		Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.
T1 100.00-90.00	Sleeve DS	0.6250 A325N	4	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0
T2 90.00-70.00	Sleeve DS	0.6250 A325N	5	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0
T3 70.00-50.00	Flange	1.0000 A325N	6	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0
T4 50.00-40.00	Flange	1.0000 A325N	6	1.0000 A325N	1	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0
T5 40.00-20.00	Flange	1.0000 A325N	6	1.0000 A325N	1	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0
T6 20.00-0.00	Flange	1.0000 A687	6	1.0000 A325N	1	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0	0.6250 A325N	0

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or Leg	Allow Shield	Component Type	Placement ft	Face Offset in	Lateral Offset (Frac FW)	#	# Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight plf
3/8" Coax	B	No	Ar (CaAa)	98.00 - 0.00	0.0000	0.25	1	1	0.4400	0.4400		0.08
2" Conduit	B	No	Ar (CaAa)	98.00 - 0.00	0.0000	0.25	1	1	2.3800	2.3800		3.65
7/8" Coax	B	No	Ar (CaAa)	98.00 - 0.00	0.0000	0.25	18	12	1.0000 0.5000	1.0900		0.33
0.82" (20.8 mm) 8 AWG 6	B	No	Ar (CaAa)	98.00 - 0.00	0.0000	0.25	3	3	0.8200	0.8200		0.62
0.40" (10.3 mm) Fiber	B	No	Ar (CaAa)	97.00 - 0.00	0.0000	0.25	1	1	0.4100	0.4100		0.11
Feedline Ladder (Af)	B	No	Af (CaAa)	98.00 - 0.00	0.0000	0.25	1	1	3.0000	3.0000		8.40

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Description	Face or Leg	Allow Shield	Component Type	Placement ft	Face Offset in	Lateral Offset (Frac FW)	#	# Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight plf
0.51" (13 mm) Hybrid	C	No	Ar (CaAa)	30.00 - 0.00	0.0000	0	4	4	0.5100	0.5100		0.14
2" Carflex Non-Metallic Conduit	C	No	Ar (CaAa)	30.00 - 0.00	0.0000	0	2	2	2.3600	2.3600		0.68

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight lb
T1	100.00-90.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	24.207	0.000	160.21
		C	0.000	0.000	0.000	0.000	0.00
T2	90.00-70.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	60.620	0.000	400.80
		C	0.000	0.000	0.000	0.000	0.00
T3	70.00-50.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	60.620	0.000	400.80
		C	0.000	0.000	0.000	0.000	0.00
T4	50.00-40.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	30.310	0.000	200.40
		C	0.000	0.000	0.000	0.000	0.00
T5	40.00-20.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	60.620	0.000	400.80
		C	0.000	0.000	6.760	0.000	19.20
T6	20.00-0.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	60.620	0.000	400.80
		C	0.000	0.000	13.520	0.000	38.40

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight lb
T1	100.00-90.00	A	1.667	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	53.464	0.000	834.80
		C		0.000	0.000	0.000	0.000	0.00
T2	90.00-70.00	A	1.639	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	133.778	0.000	2065.27
		C		0.000	0.000	0.000	0.000	0.00
T3	70.00-50.00	A	1.592	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	132.442	0.000	2012.50
		C		0.000	0.000	0.000	0.000	0.00
T4	50.00-40.00	A	1.547	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	65.573	0.000	980.92
		C		0.000	0.000	0.000	0.000	0.00
T5	40.00-20.00	A	1.486	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	129.381	0.000	1893.86
		C		0.000	0.000	23.485	0.000	245.14
T6	20.00-0.00	A	1.331	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	124.952	0.000	1727.98
		C		0.000	0.000	44.885	0.000	439.44

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Feed Line Center of Pressure

Section	Elevation	CP _x	CP _z	CP _x Ice	CP _z Ice
	ft	in	in	in	in
T1	100.00-90.00	3.6765	0.5471	2.5972	0.3915
T2	90.00-70.00	4.0673	0.6153	3.1316	0.4813
T3	70.00-50.00	4.3578	0.6773	3.4007	0.5360
T4	50.00-40.00	3.7954	0.6082	2.6827	0.4320
T5	40.00-20.00	4.5125	1.1684	3.3584	0.7773
T6	20.00-0.00	5.2524	1.8095	4.1374	1.2502

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
T1	1	3/8" Coax	90.00 - 98.00	0.6000	0.4457
T1	2	2" Conduit	90.00 - 98.00	0.6000	0.4457
T1	3	7/8" Coax	90.00 - 98.00	0.6000	0.4457
T1	4	0.82" (20.8 mm) 8 AWG 6	90.00 - 98.00	0.6000	0.4457
T1	5	0.40" (10.3 mm) Fiber	90.00 - 97.00	0.6000	0.4457
T1	6	Feedline Ladder (Af)	90.00 - 98.00	0.6000	0.4457
T2	1	3/8" Coax	70.00 - 90.00	0.6000	0.5197
T2	2	2" Conduit	70.00 - 90.00	0.6000	0.5197
T2	3	7/8" Coax	70.00 - 90.00	0.6000	0.5197
T2	4	0.82" (20.8 mm) 8 AWG 6	70.00 - 90.00	0.6000	0.5197
T2	5	0.40" (10.3 mm) Fiber	70.00 - 90.00	0.6000	0.5197
T2	6	Feedline Ladder (Af)	70.00 - 90.00	0.6000	0.5197
T3	1	3/8" Coax	50.00 - 70.00	0.6000	0.5359
T3	2	2" Conduit	50.00 - 70.00	0.6000	0.5359
T3	3	7/8" Coax	50.00 - 70.00	0.6000	0.5359
T3	4	0.82" (20.8 mm) 8 AWG 6	50.00 - 70.00	0.6000	0.5359
T3	5	0.40" (10.3 mm) Fiber	50.00 - 70.00	0.6000	0.5359
T3	6	Feedline Ladder (Af)	50.00 - 70.00	0.6000	0.5359
T4	1	3/8" Coax	40.00 - 50.00	0.6000	0.3298
T4	2	2" Conduit	40.00 - 50.00	0.6000	0.3298
T4	3	7/8" Coax	40.00 - 50.00	0.6000	0.3298
T4	4	0.82" (20.8 mm) 8 AWG 6	40.00 - 50.00	0.6000	0.3298
T4	5	0.40" (10.3 mm) Fiber	40.00 - 50.00	0.6000	0.3298
T4	6	Feedline Ladder (Af)	40.00 - 50.00	0.6000	0.3298
T5	1	3/8" Coax	20.00 - 40.00	0.6000	0.4399
T5	2	2" Conduit	20.00 - 40.00	0.6000	0.4399
T5	3	7/8" Coax	20.00 - 40.00	0.6000	0.4399
T5	4	0.82" (20.8 mm) 8 AWG 6	20.00 - 40.00	0.6000	0.4399
T5	5	0.40" (10.3 mm) Fiber	20.00 - 40.00	0.6000	0.4399
T5	6	Feedline Ladder (Af)	20.00 - 40.00	0.6000	0.4399
T5	8	0.51" (13 mm) Hybrid	20.00 - 30.00	0.6000	0.4399
T5	9	2" Carflex Non-Metallic Conduit	20.00 - 30.00	0.6000	0.4399
T6	1	3/8" Coax	0.00 - 20.00	0.6000	0.5431
T6	2	2" Conduit	0.00 - 20.00	0.6000	0.5431
T6	3	7/8" Coax	0.00 - 20.00	0.6000	0.5431
T6	4	0.82" (20.8 mm) 8 AWG 6	0.00 - 20.00	0.6000	0.5431

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Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _o No Ice	K _o Ice
T6	5	0.40" (10.3 mm) Fiber	0.00 - 20.00	0.6000	0.5431
T6	6	Feedline Ladder (Af)	0.00 - 20.00	0.6000	0.5431
T6	8	0.51" (13 mm) Hybrid	0.00 - 20.00	0.6000	0.5431
T6	9	2" Carflex Non-Metallic Conduit	0.00 - 20.00	0.6000	0.5431

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _A A _A Front ft ²	C _A A _A Side ft ²	Weight lb
Flat Sector Frame	A	From Leg	3.00	0.0000	98.00	No Ice	17.90	8.95	400.00
			0.00			1/2" Ice	22.20	13.00	510.00
			0.00			1" Ice	26.50	17.05	620.00
Flat Sector Frame	B	From Leg	3.00	0.0000	98.00	No Ice	17.90	8.95	400.00
			0.00			1/2" Ice	22.20	13.00	510.00
			0.00			1" Ice	26.50	17.05	620.00
Flat Sector Frame	C	From Leg	3.00	0.0000	98.00	No Ice	17.90	8.95	400.00
			0.00			1/2" Ice	22.20	13.00	510.00
			0.00			1" Ice	26.50	17.05	620.00
(4) DBC-750	A	From Leg	3.00	0.0000	98.00	No Ice	0.50	0.09	4.80
			0.00			1/2" Ice	0.60	0.15	7.57
			0.00			1" Ice	0.70	0.22	11.54
(4) DBC-750	B	From Leg	3.00	0.0000	98.00	No Ice	0.50	0.09	4.80
			0.00			1/2" Ice	0.60	0.15	7.57
			0.00			1" Ice	0.70	0.22	11.54
(4) DBC-750	C	From Leg	3.00	0.0000	98.00	No Ice	0.50	0.09	4.80
			0.00			1/2" Ice	0.60	0.15	7.57
			0.00			1" Ice	0.70	0.22	11.54
(4) KRY 112 76/1	A	From Leg	3.00	0.0000	98.00	No Ice	1.75	0.55	19.60
			0.00			1/2" Ice	1.93	0.68	29.79
			0.00			1" Ice	2.12	0.82	42.17
(4) KRY 112 76/1	B	From Leg	3.00	0.0000	98.00	No Ice	1.75	0.55	19.60
			0.00			1/2" Ice	1.93	0.68	29.79
			0.00			1" Ice	2.12	0.82	42.17
(4) KRY 112 76/1	C	From Leg	3.00	0.0000	98.00	No Ice	1.75	0.55	19.60
			0.00			1/2" Ice	1.93	0.68	29.79
			0.00			1" Ice	2.12	0.82	42.17
DC6-48-60-18-8F	C	From Leg	3.00	0.0000	98.00	No Ice	1.47	1.47	31.80
			0.00			1/2" Ice	1.67	1.67	49.52
			0.00			1" Ice	1.88	1.88	69.72
DC6-48-60-0-8F	C	From Leg	3.00	0.0000	98.00	No Ice	1.36	1.36	32.80
			0.00			1/2" Ice	1.55	1.55	49.52
			0.00			1" Ice	1.75	1.75	68.65
(2) RRUS 11 (Band 7)	A	From Leg	3.00	0.0000	98.00	No Ice	3.26	1.38	50.70
			0.00			1/2" Ice	3.50	1.56	71.57
			0.00			1" Ice	3.75	1.74	95.48
(2) RRUS 11 (Band 7)	B	From Leg	3.00	0.0000	98.00	No Ice	3.26	1.38	50.70
			0.00			1/2" Ice	3.50	1.56	71.57
			0.00			1" Ice	3.75	1.74	95.48
(2) RRUS 11 (Band 7)	C	From Leg	3.00	0.0000	98.00	No Ice	3.26	1.38	50.70

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Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _A A _A Front ft ²	C _A A _A Side ft ²	Weight lb
			0.00			1/2" Ice	3.50	1.56	71.57
			0.00			1" Ice	3.75	1.74	95.48
KRC 161 423/1	A	From Leg	3.00	0.0000	98.00	No Ice	3.87	2.76	77.00
			0.00			1/2" Ice	4.15	3.02	104.93
			0.00			1" Ice	4.44	3.29	136.47
KRC 161 423/1	B	From Leg	3.00	0.0000	98.00	No Ice	3.87	2.76	77.00
			0.00			1/2" Ice	4.15	3.02	104.93
			0.00			1" Ice	4.44	3.29	136.47
KRC 161 423/1	C	From Leg	3.00	0.0000	98.00	No Ice	3.87	2.76	77.00
			0.00			1/2" Ice	4.15	3.02	104.93
			0.00			1" Ice	4.44	3.29	136.47
SBNHH-1D65B	A	From Leg	3.00	0.0000	98.00	No Ice	8.41	5.41	50.70
			0.00			1/2" Ice	8.96	5.86	101.21
			0.00			1" Ice	9.52	6.33	157.85
SBNHH-1D65B	B	From Leg	3.00	0.0000	98.00	No Ice	8.41	5.41	50.70
			0.00			1/2" Ice	8.96	5.86	101.21
			0.00			1" Ice	9.52	6.33	157.85
SBNHH-1D65B	C	From Leg	3.00	0.0000	98.00	No Ice	8.41	5.41	50.70
			0.00			1/2" Ice	8.96	5.86	101.21
			0.00			1" Ice	9.52	6.33	157.85
(2) P65-16-XLH-RR	A	From Leg	3.00	0.0000	98.00	No Ice	8.40	4.70	53.00
			0.00			1/2" Ice	8.95	5.15	100.28
			0.00			1" Ice	9.51	5.60	153.59
(2) P65-16-XLH-RR	B	From Leg	3.00	0.0000	98.00	No Ice	8.40	4.70	53.00
			0.00			1/2" Ice	8.95	5.15	100.28
			0.00			1" Ice	9.51	5.60	153.59
(2) P65-16-XLH-RR	C	From Leg	3.00	0.0000	98.00	No Ice	8.40	4.70	53.00
			0.00			1/2" Ice	8.95	5.15	100.28
			0.00			1" Ice	9.51	5.60	153.59
KRC 118 048/1	A	From Leg	3.00	0.0000	98.00	No Ice	11.20	8.55	154.00
			0.00			1/2" Ice	11.81	9.13	223.90
			0.00			1" Ice	12.42	9.73	301.40
KRC 118 048/1	B	From Leg	3.00	0.0000	98.00	No Ice	11.20	8.55	154.00
			0.00			1/2" Ice	11.81	9.13	223.90
			0.00			1" Ice	12.42	9.73	301.40
KRC 118 048/1	C	From Leg	3.00	0.0000	98.00	No Ice	11.20	8.55	154.00
			0.00			1/2" Ice	11.81	9.13	223.90
			0.00			1" Ice	12.42	9.73	301.40
8' Dipole	C	From Leg	3.00	0.0000	98.00 - 97.00	No Ice	2.40	2.40	25.00
			0.00			1/2" Ice	3.19	3.19	42.51
			0.00			1" Ice	3.67	3.67	65.37

Flat Side Arm	A	From Leg	3.00	0.0000	30.00	No Ice	6.30	2.14	150.00
			0.00			1/2" Ice	7.00	2.60	230.00
			0.00			1" Ice	7.70	3.06	310.00
Flat Side Arm	B	From Leg	3.00	0.0000	30.00	No Ice	6.30	2.14	150.00
			0.00			1/2" Ice	7.00	2.60	230.00
			0.00			1" Ice	7.70	3.06	310.00
Flat Side Arm	C	From Leg	3.00	0.0000	30.00	No Ice	6.30	2.14	150.00
			0.00			1/2" Ice	7.00	2.60	230.00
			0.00			1" Ice	7.70	3.06	310.00
RRUS 12 - Band 4	C	From Leg	3.00	0.0000	30.00	No Ice	3.69	1.47	58.00
			0.00			1/2" Ice	3.95	1.65	81.19
			0.00			1" Ice	4.21	1.85	107.57
RRUL	C	From Leg	3.00	0.0000	30.00	No Ice	1.91	1.47	38.60
			0.00			1/2" Ice	2.10	1.65	54.31
			0.00			1" Ice	2.30	1.83	72.63

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Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _A A _A Front ft ²	C _A A _A Side ft ²	Weight lb
QXW-632X634XBF-EDIN	A	From Leg	3.00 0.00 0.00	0.0000	30.00	No Ice 1/2" Ice 1" Ice	2.71 2.94 3.18	1.60 1.80 2.01	11.00 29.52 50.99
QXW-632X634XBF-EDIN	B	From Leg	3.00 0.00 0.00	0.0000	30.00	No Ice 1/2" Ice 1" Ice	2.71 2.94 3.18	1.60 1.80 2.01	11.00 29.52 50.99
QXW-632X634XBF-EDIN	C	From Leg	3.00 0.00 0.00	0.0000	30.00	No Ice 1/2" Ice 1" Ice	2.71 2.94 3.18	1.60 1.80 2.01	11.00 29.52 50.99
6"X6"x4" Junction box	C	From Leg	3.00 0.00 0.00	0.0000	30.00	No Ice 1/2" Ice 1" Ice	0.44 0.53 0.63	0.26 0.33 0.42	2.00 5.79 10.90

Truss-Leg Properties

Section Designation	Area in ²	Area Ice in ²	Self Weight lb	Ice Weight lb	Equiv. Diameter in	Equiv. Diameter Ice in	Leg Area in ²
Pirod 105244	1026.8606	3073.2757	562.76	1018.54	7.1310	21.3422	3.6816
Pirod 105216	1998.0891	6274.4670	505.25	2062.84	6.9378	21.7863	3.6816
Pirod 105217	2130.7479	6209.8165	619.35	2027.30	7.3984	21.5619	5.3014

Tower Pressures - No Ice

$$G_H = 0.850$$

Section Elevation ft	z ft	K _Z	q _z psf	A _G ft ²	F a c e	A _F ft ²	A _R ft ²	A _{leg} ft ²	Leg %	C _A A _A In Face ft ²	C _A A _A Out Face ft ²
T1 100.00-90.00	95.00	1.252	22	41.250	A	0.000	5.601	2.500	44.64	0.000	0.000
					B	0.000	5.601		44.64	24.207	0.000
					C	0.000	6.085		41.08	0.000	0.000
T2 90.00-70.00	80.00	1.208	21	87.917	A	0.000	11.134	5.834	52.40	0.000	0.000
					B	0.000	11.134		52.40	60.620	0.000
					C	0.000	12.930		45.12	0.000	0.000
T3 70.00-50.00	60.00	1.137	20	98.334	A	0.000	13.309	6.667	50.10	0.000	0.000
					B	0.000	13.309		50.10	60.620	0.000
					C	0.000	15.314		43.54	0.000	0.000
T4 50.00-40.00	45.00	1.07	20	66.055	A	5.104	11.905	11.905	69.99	0.000	0.000
					B	5.104	11.905		69.99	30.310	0.000
					C	5.104	11.905		69.99	0.000	0.000
T5 40.00-20.00	30.00	0.982	20	162.111	A	10.467	23.165	23.165	68.88	0.000	0.000
					B	10.467	23.165		68.88	60.620	0.000
					C	10.467	23.165		68.88	6.760	0.000
T6 20.00-0.00	10.00	0.85	20	202.528	A	11.964	24.703	24.703	67.37	0.000	0.000

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Section Elevation	z	K _Z	q _z	A _G	F a c e	A _F	A _R	A _{leg}	Leg %	C _A A _A In Face ft ²	C _A A _A Out Face ft ²
ft	ft		psf	ft ²		ft ²	ft ²	ft ²			
					B	11.964	24.703		67.37	60.620	0.000
					C	11.964	24.703		67.37	13.520	0.000

Tower Pressure - With Ice

$$G_H = 0.850$$

Section Elevation	z	K _Z	q _z	t _z	A _G	F a c e	A _F	A _R	A _{leg}	Leg %	C _A A _A In Face ft ²	C _A A _A Out Face ft ²
ft	ft		psf	in	ft ²		ft ²	ft ²	ft ²			
T1 100.00-90.00	95.00	1.252	4	1.6673	44.029	A	0.000	24.407	8.058	33.01	0.000	0.000
						B	0.000	24.407		33.01	53.464	0.000
						C	0.000	27.045		29.79	0.000	0.000
T2 90.00-70.00	80.00	1.208	4	1.6389	93.380	A	0.000	44.853	16.761	37.37	0.000	0.000
						B	0.000	44.853		37.37	133.778	0.000
						C	0.000	54.496		30.76	0.000	0.000
T3 70.00-50.00	60.00	1.137	4	1.5924	103.642	A	0.000	48.100	17.285	35.93	0.000	0.000
						B	0.000	48.100		35.93	132.442	0.000
						C	0.000	58.621		29.49	0.000	0.000
T4 50.00-40.00	45.00	1.07	4	1.5473	68.637	A	5.104	40.894	35.630	77.46	0.000	0.000
						B	5.104	40.894		77.46	65.573	0.000
						C	5.104	40.894		77.46	0.000	0.000
T5 40.00-20.00	30.00	0.982	4	1.4858	167.070	A	10.467	83.110	72.742	77.74	0.000	0.000
						B	10.467	83.110		77.74	129.381	0.000
						C	10.467	83.110		77.74	23.485	0.000
T6 20.00-0.00	10.00	0.85	4	1.3312	206.971	A	11.964	82.610	71.993	76.12	0.000	0.000
						B	11.964	82.610		76.12	124.952	0.000
						C	11.964	82.610		76.12	44.885	0.000

Tower Pressure - Service

$$G_H = 0.850$$

Section Elevation	z	K _Z	q _z	A _G	F a c e	A _F	A _R	A _{leg}	Leg %	C _A A _A In Face ft ²	C _A A _A Out Face ft ²
ft	ft		psf	ft ²		ft ²	ft ²	ft ²			
T1 100.00-90.00	95.00	1.252	10	41.250	A	0.000	5.601	2.500	44.64	0.000	0.000
					B	0.000	5.601		44.64	24.207	0.000
					C	0.000	6.085		41.08	0.000	0.000
T2 90.00-70.00	80.00	1.208	9	87.917	A	0.000	11.134	5.834	52.40	0.000	0.000
					B	0.000	11.134		52.40	60.620	0.000
					C	0.000	12.930		45.12	0.000	0.000
T3 70.00-50.00	60.00	1.137	9	98.334	A	0.000	13.309	6.667	50.10	0.000	0.000
					B	0.000	13.309		50.10	60.620	0.000
					C	0.000	15.314		43.54	0.000	0.000
T4 50.00-40.00	45.00	1.07	9	66.055	A	5.104	11.905	11.905	69.99	0.000	0.000
					B	5.104	11.905		69.99	30.310	0.000
					C	5.104	11.905		69.99	0.000	0.000
T5 40.00-20.00	30.00	0.982	9	162.111	A	10.467	23.165	23.165	68.88	0.000	0.000
					B	10.467	23.165		68.88	60.620	0.000

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Section Elevation	z	K _Z	q _z	A _G	F _{a c e}	A _F	A _R	A _{leg}	Leg %	C _A A _A In Face	C _A A _A Out Face
ft	ft		psf	ft ²		ft ²	ft ²	ft ²		ft ²	ft ²
T6 20.00-0.00	10.00	0.85	9	202.528	C	10.467	23.165		68.88	6.760	0.000
					A	11.964	24.703	24.703	67.37	0.000	0.000
					B	11.964	24.703		67.37	60.620	0.000
					C	11.964	24.703		67.37	13.520	0.000

Tower Forces - No Ice - Wind Normal To Face

Section Elevation	Add Weight	Self Weight	F _{a c e}	e	C _F	q _z	D _F	D _R	A _E	F	w	Ctrl. Face
ft	lb	lb				psf			ft ²	lb	plf	
T1	160.21	442.60	A	0.136	2.825	22	1	1	3.172	440.47	44.05	B
100.00-90.00			B	0.136	2.825		1	1	3.172			
			C	0.148	2.781		1	1	3.452			
T2	400.80	958.17	A	0.127	2.859	21	1	1	6.297	983.75	49.19	B
90.00-70.00			B	0.127	2.859		1	1	6.297			
			C	0.147	2.782		1	1	7.335			
T3	400.80	1296.34	A	0.135	2.826	20	1	1	7.536	981.98	49.10	B
70.00-50.00			B	0.135	2.826		1	1	7.536			
			C	0.156	2.75		1	1	8.701			
T4	200.40	1112.31	A	0.257	2.415	20	1	1	11.167	761.85	76.18	B
50.00-40.00			B	0.257	2.415		1	1	11.167			
			C	0.257	2.415		1	1	11.167			
T5	420.00	2089.20	A	0.207	2.571	20	1	1	22.024	1680.35	84.02	B
40.00-20.00			B	0.207	2.571		1	1	22.024			
			C	0.207	2.571		1	1	22.024			
T6 20.00-0.00	439.20	2490.28	A	0.181	2.661	20	1	1	24.064	1842.38	92.12	B
			B	0.181	2.661		1	1	24.064			
			C	0.181	2.661		1	1	24.064			
Sum Weight:	2021.41	8388.91						OTM	282581.19 lb-ft	6690.78		

Tower Forces - No Ice - Wind 60 To Face

Section Elevation	Add Weight	Self Weight	F _{a c e}	e	C _F	q _z	D _F	D _R	A _E	F	w	Ctrl. Face
ft	lb	lb				psf			ft ²	lb	plf	
T1	160.21	442.60	A	0.136	2.825	22	0.8	1	3.172	452.50	45.25	C
100.00-90.00			B	0.136	2.825		0.8	1	3.172			
			C	0.148	2.781		0.8	1	3.452			
T2	400.80	958.17	A	0.127	2.859	21	0.8	1	6.297	1027.19	51.36	C
90.00-70.00			B	0.127	2.859		0.8	1	6.297			
			C	0.147	2.782		0.8	1	7.335			
T3	400.80	1296.34	A	0.135	2.826	20	0.8	1	7.536	1026.84	51.34	C
70.00-50.00			B	0.135	2.826		0.8	1	7.536			
			C	0.156	2.75		0.8	1	8.701			
T4	200.40	1112.31	A	0.257	2.415	20	0.8	1	10.147	720.26	72.03	C
50.00-40.00			B	0.257	2.415		0.8	1	10.147			
			C	0.257	2.415		0.8	1	10.147			
T5	420.00	2089.20	A	0.207	2.571	20	0.8	1	19.931	1587.16	79.36	C

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Section Elevation ft	Add Weight lb	Self Weight lb	F a c e	e	C _F	q _z psf	D _F	D _R	A _E ft ²	F lb	w plf	Ctrl. Face
40.00-20.00			B	0.207	2.571		0.8	1	19.931			
			C	0.207	2.571		0.8	1	19.931			
T6 20.00-0.00	439.20	2490.28	A	0.181	2.661	20	0.8	1	21.671	1734.28	86.71	C
			B	0.181	2.661		0.8	1	21.671			
			C	0.181	2.661		0.8	1	21.671			
Sum Weight:	2021.41	8388.91						OTM	284141.77 lb-ft	6548.22		

Tower Forces - No Ice - Wind 90 To Face

Section Elevation ft	Add Weight lb	Self Weight lb	F a c e	e	C _F	q _z psf	D _F	D _R	A _E ft ²	F lb	w plf	Ctrl. Face
T1 100.00-90.00	160.21	442.60	A	0.136	2.825	22	0.85	1	3.172	452.50	45.25	C
			B	0.136	2.825		0.85	1	3.172			
			C	0.148	2.781		0.85	1	3.452			
T2 90.00-70.00	400.80	958.17	A	0.127	2.859	21	0.85	1	6.297	1027.19	51.36	C
			B	0.127	2.859		0.85	1	6.297			
			C	0.147	2.782		0.85	1	7.335			
T3 70.00-50.00	400.80	1296.34	A	0.135	2.826	20	0.85	1	7.536	1026.84	51.34	C
			B	0.135	2.826		0.85	1	7.536			
			C	0.156	2.75		0.85	1	8.701			
T4 50.00-40.00	200.40	1112.31	A	0.257	2.415	20	0.85	1	10.402	730.66	73.07	C
			B	0.257	2.415		0.85	1	10.402			
			C	0.257	2.415		0.85	1	10.402			
T5 40.00-20.00	420.00	2089.20	A	0.207	2.571	20	0.85	1	20.454	1610.46	80.52	C
			B	0.207	2.571		0.85	1	20.454			
			C	0.207	2.571		0.85	1	20.454			
T6 20.00-0.00	439.20	2490.28	A	0.181	2.661	20	0.85	1	22.270	1761.31	88.07	C
			B	0.181	2.661		0.85	1	22.270			
			C	0.181	2.661		0.85	1	22.270			
Sum Weight:	2021.41	8388.91						OTM	285578.83 lb-ft	6608.94		

Tower Forces - With Ice - Wind Normal To Face

Section Elevation ft	Add Weight lb	Self Weight lb	F a c e	e	C _F	q _z psf	D _F	D _R	A _E ft ²	F lb	w plf	Ctrl. Face
T1 100.00-90.00	834.80	1411.72	A	0.554	1.839	4	1	1	17.470	206.27	20.63	B
			B	0.554	1.839		1	1	17.470			
			C	0.614	1.796		1	1	20.362			
T2 90.00-70.00	2065.27	2753.90	A	0.48	1.927	4	1	1	30.256	453.80	22.69	B
			B	0.48	1.927		1	1	30.256			
			C	0.584	1.815		1	1	39.972			
T3 70.00-50.00	2012.50	3226.68	A	0.464	1.951	4	1	1	32.048	446.23	22.31	B
			B	0.464	1.951		1	1	32.048			

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Section Elevation	Add Weight	Self Weight	F a c e	e	C _F	q _z	D _F	D _R	A _E	F	w	Ctrl. Face
ft	lb	lb				psf			ft ²	lb	plf	
T4	980.92	3392.36	C	0.566	1.829		1	1	42.354			
50.00-40.00			A	0.67	1.777	4	1	1	37.417	292.85	29.29	B
			B	0.67	1.777		1	1	37.417			
			C	0.67	1.777		1	1	37.417			
T5	2139.00	9812.43	A	0.56	1.834	4	1	1	70.241	668.35	33.42	B
40.00-20.00			B	0.56	1.834		1	1	70.241			
			C	0.56	1.834		1	1	70.241			
T6	2167.42	10046.69	A	0.457	1.962	4	1	1	66.710	745.97	37.30	B
20.00-0.00			B	0.457	1.962		1	1	66.710			
			C	0.457	1.962		1	1	66.710			
Sum Weight:	10199.90	30643.79						OTM	123361.93 lb-ft	2813.47		

Tower Forces - With Ice - Wind 60 To Face

Section Elevation	Add Weight	Self Weight	F a c e	e	C _F	q _z	D _F	D _R	A _E	F	w	Ctrl. Face
ft	lb	lb				psf			ft ²	lb	plf	
T1	834.80	1411.72	A	0.554	1.839	4	0.8	1	17.470	222.69	22.27	C
100.00-90.00			B	0.554	1.839		0.8	1	17.470			
			C	0.614	1.796		0.8	1	20.362			
T2	2065.27	2753.90	A	0.48	1.927	4	0.8	1	30.256	504.73	25.24	C
90.00-70.00			B	0.48	1.927		0.8	1	30.256			
			C	0.584	1.815		0.8	1	39.972			
T3	2012.50	3226.68	A	0.464	1.951	4	0.8	1	32.048	496.53	24.83	C
70.00-50.00			B	0.464	1.951		0.8	1	32.048			
			C	0.566	1.829		0.8	1	42.354			
T4	980.92	3392.36	A	0.67	1.777	4	0.8	1	36.396	286.81	28.68	C
50.00-40.00			B	0.67	1.777		0.8	1	36.396			
			C	0.67	1.777		0.8	1	36.396			
T5	2139.00	9812.43	A	0.56	1.834	4	0.8	1	68.147	655.22	32.76	C
40.00-20.00			B	0.56	1.834		0.8	1	68.147			
			C	0.56	1.834		0.8	1	68.147			
T6	2167.42	10046.69	A	0.457	1.962	4	0.8	1	64.317	730.22	36.51	C
20.00-0.00			B	0.457	1.962		0.8	1	64.317			
			C	0.457	1.962		0.8	1	64.317			
Sum Weight:	10199.90	30643.79						OTM	131190.53 lb-ft	2896.19		

Tower Forces - With Ice - Wind 90 To Face

Section Elevation	Add Weight	Self Weight	F a c e	e	C _F	q _z	D _F	D _R	A _E	F	w	Ctrl. Face
ft	lb	lb				psf			ft ²	lb	plf	
T1	834.80	1411.72	A	0.554	1.839	4	0.85	1	17.470	213.86	21.39	C
100.00-90.00			B	0.554	1.839		0.85	1	17.470			
			C	0.614	1.796		0.85	1	20.362			

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Section Elevation	Add Weight	Self Weight	F a c e	e	C _F	q _z psf	D _F	D _R	A _E ft ²	F lb	w plf	Ctrl. Face
T2 90.00-70.00	2065.27	2753.90	A	0.48	1.927	4	0.85	1	30.256	479.89	23.99	C
			B	0.48	1.927		0.85	1	30.256			
			C	0.584	1.815		0.85	1	39.972			
T3 70.00-50.00	2012.50	3226.68	A	0.464	1.951	4	0.85	1	32.048	472.42	23.62	C
			B	0.464	1.951		0.85	1	32.048			
			C	0.566	1.829		0.85	1	42.354			
T4 50.00-40.00	980.92	3392.36	A	0.67	1.777	4	0.85	1	36.651	280.97	28.10	C
			B	0.67	1.777		0.85	1	36.651			
			C	0.67	1.777		0.85	1	36.651			
T5 40.00-20.00	2139.00	9812.43	A	0.56	1.834	4	0.85	1	68.671	638.38	31.92	C
			B	0.56	1.834		0.85	1	68.671			
			C	0.56	1.834		0.85	1	68.671			
T6 20.00-0.00	2167.42	10046.69	A	0.457	1.962	4	0.85	1	64.915	709.80	35.49	C
			B	0.457	1.962		0.85	1	64.915			
			C	0.457	1.962		0.85	1	64.915			
Sum Weight:	10199.90	30643.79						OTM	125945.54 lb-ft	2795.31		

Tower Forces - Service - Wind Normal To Face

Section Elevation	Add Weight	Self Weight	F a c e	e	C _F	q _z psf	D _F	D _R	A _E ft ²	F lb	w plf	Ctrl. Face
T1 100.00-90.00	160.21	442.60	A	0.136	2.825	10	1	1	3.172	195.76	19.58	B
			B	0.136	2.825		1	1	3.172			
			C	0.148	2.781		1	1	3.452			
T2 90.00-70.00	400.80	958.17	A	0.127	2.859	9	1	1	6.297	437.22	21.86	B
			B	0.127	2.859		1	1	6.297			
			C	0.147	2.782		1	1	7.335			
T3 70.00-50.00	400.80	1296.34	A	0.135	2.826	9	1	1	7.536	436.44	21.82	B
			B	0.135	2.826		1	1	7.536			
			C	0.156	2.75		1	1	8.701			
T4 50.00-40.00	200.40	1112.31	A	0.257	2.415	9	1	1	11.167	338.60	33.86	B
			B	0.257	2.415		1	1	11.167			
			C	0.257	2.415		1	1	11.167			
T5 40.00-20.00	420.00	2089.20	A	0.207	2.571	9	1	1	22.024	746.82	37.34	B
			B	0.207	2.571		1	1	22.024			
			C	0.207	2.571		1	1	22.024			
T6 20.00-0.00	439.20	2490.28	A	0.181	2.661	9	1	1	24.064	818.84	40.94	B
			B	0.181	2.661		1	1	24.064			
			C	0.181	2.661		1	1	24.064			
Sum Weight:	2021.41	8388.91						OTM	125591.64 lb-ft	2973.68		

Tower Forces - Service - Wind 60 To Face

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Section Elevation	Add Weight	Self Weight	F a c e	e	C _F	q _z psf	D _F	D _R	A _E	F	w	Ctrl. Face
ft	lb	lb							ft ²	lb	plf	
T1 100.00-90.00	160.21	442.60	A	0.136	2.825	10	0.8	1	3.172	201.11	20.11	C
			B	0.136	2.825		0.8	1	3.172			
			C	0.148	2.781		0.8	1	3.452			
T2 90.00-70.00	400.80	958.17	A	0.127	2.859	9	0.8	1	6.297	456.53	22.83	C
			B	0.127	2.859		0.8	1	6.297			
			C	0.147	2.782		0.8	1	7.335			
T3 70.00-50.00	400.80	1296.34	A	0.135	2.826	9	0.8	1	7.536	456.37	22.82	C
			B	0.135	2.826		0.8	1	7.536			
			C	0.156	2.75		0.8	1	8.701			
T4 50.00-40.00	200.40	1112.31	A	0.257	2.415	9	0.8	1	10.147	320.11	32.01	C
			B	0.257	2.415		0.8	1	10.147			
			C	0.257	2.415		0.8	1	10.147			
T5 40.00-20.00	420.00	2089.20	A	0.207	2.571	9	0.8	1	19.931	705.40	35.27	C
			B	0.207	2.571		0.8	1	19.931			
			C	0.207	2.571		0.8	1	19.931			
T6 20.00-0.00	439.20	2490.28	A	0.181	2.661	9	0.8	1	21.671	770.79	38.54	C
			B	0.181	2.661		0.8	1	21.671			
			C	0.181	2.661		0.8	1	21.671			
Sum Weight:	2021.41	8388.91						OTM	126285.23 lb-ft	2910.32		

Tower Forces - Service - Wind 90 To Face

Section Elevation	Add Weight	Self Weight	F a c e	e	C _F	q _z psf	D _F	D _R	A _E	F	w	Ctrl. Face
ft	lb	lb							ft ²	lb	plf	
T1 100.00-90.00	160.21	442.60	A	0.136	2.825	10	0.85	1	3.172	201.11	20.11	C
			B	0.136	2.825		0.85	1	3.172			
			C	0.148	2.781		0.85	1	3.452			
T2 90.00-70.00	400.80	958.17	A	0.127	2.859	9	0.85	1	6.297	456.53	22.83	C
			B	0.127	2.859		0.85	1	6.297			
			C	0.147	2.782		0.85	1	7.335			
T3 70.00-50.00	400.80	1296.34	A	0.135	2.826	9	0.85	1	7.536	456.37	22.82	C
			B	0.135	2.826		0.85	1	7.536			
			C	0.156	2.75		0.85	1	8.701			
T4 50.00-40.00	200.40	1112.31	A	0.257	2.415	9	0.85	1	10.402	324.74	32.47	C
			B	0.257	2.415		0.85	1	10.402			
			C	0.257	2.415		0.85	1	10.402			
T5 40.00-20.00	420.00	2089.20	A	0.207	2.571	9	0.85	1	20.454	715.76	35.79	C
			B	0.207	2.571		0.85	1	20.454			
			C	0.207	2.571		0.85	1	20.454			
T6 20.00-0.00	439.20	2490.28	A	0.181	2.661	9	0.85	1	22.270	782.80	39.14	C
			B	0.181	2.661		0.85	1	22.270			
			C	0.181	2.661		0.85	1	22.270			
Sum Weight:	2021.41	8388.91						OTM	126923.92 lb-ft	2937.31		

Force Totals

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Load Case	Vertical Forces lb	Sum of Forces X lb	Sum of Forces Z lb	Sum of Overturning Moments, M_x lb-ft	Sum of Overturning Moments, M_z lb-ft	Sum of Torques lb-ft
Leg Weight	5564.23					
Bracing Weight	2824.67					
Total Member Self-Weight	8388.91			1474.67	-3579.69	
Total Weight	14041.62			1474.67	-3579.69	
Wind 0 deg - No Ice		21.27	-8812.17	-508169.26	-4217.74	1479.04
Wind 30 deg - No Ice		4786.26	-8247.51	-472474.11	-277950.90	1994.76
Wind 60 deg - No Ice		8303.07	-4793.78	-275464.05	-483251.62	1727.32
Wind 90 deg - No Ice		9636.00	-21.27	836.62	-558525.81	995.32
Wind 120 deg - No Ice		7555.32	4337.50	252089.65	-438933.67	84.30
Wind 150 deg - No Ice		3916.24	6783.13	402916.58	-235352.28	-544.19
Wind 180 deg - No Ice		-21.27	8468.97	498061.52	-2941.64	-1348.83
Wind 210 deg - No Ice		-4786.26	8247.51	475423.45	270791.53	-1994.76
Wind 240 deg - No Ice		-8426.53	4865.06	277633.10	474740.75	-1776.93
Wind 270 deg - No Ice		-9636.00	21.27	2112.72	551366.44	-995.32
Wind 300 deg - No Ice		-7344.98	-4216.07	-246266.19	426796.17	-108.26
Wind 330 deg - No Ice		-3916.24	-6783.13	-399967.24	228192.91	544.19
Member Ice	22254.89					
Total Weight Ice	50902.70			6998.64	-18801.53	
Wind 0 deg - Ice		4.67	-3467.46	-186474.71	-18941.68	524.67
Wind 30 deg - Ice		1778.17	-3070.53	-162037.69	-116556.53	619.61
Wind 60 deg - Ice		3264.45	-1884.73	-97623.96	-200013.20	564.55
Wind 90 deg - Ice		3665.89	-4.67	6858.49	-222720.83	295.70
Wind 120 deg - Ice		2903.36	1670.86	99287.92	-178931.55	-4.32
Wind 150 deg - Ice		1605.65	2781.07	161733.09	-108137.50	-258.15
Wind 180 deg - Ice		-4.67	3314.89	190996.50	-18661.38	-483.11
Wind 210 deg - Ice		-1778.17	3070.53	176034.97	78953.48	-619.61
Wind 240 deg - Ice		-3192.81	1843.37	107706.95	155630.37	-552.40
Wind 270 deg - Ice		-3665.89	4.67	7138.79	185117.78	-295.70
Wind 300 deg - Ice		-2873.11	-1653.40	-84878.91	140615.37	1.44
Wind 330 deg - Ice		-1605.65	-2781.07	-147735.81	70534.45	258.15
Total Weight	14041.62			1474.67	-3579.69	
Wind 0 deg - Service		9.45	-3916.52	-225923.41	729.68	657.35
Wind 30 deg - Service		2127.23	-3665.56	-210058.90	-120929.50	886.56
Wind 60 deg - Service		3690.25	-2130.57	-122498.87	-212174.27	767.70
Wind 90 deg - Service		4282.67	-9.45	301.43	-245629.46	442.37
Wind 120 deg - Service		3357.92	1927.78	111969.44	-192477.40	37.47
Wind 150 deg - Service		1740.55	3014.72	179003.63	-101996.78	-241.86
Wind 180 deg - Service		-9.45	3763.99	221290.27	1296.84	-599.48
Wind 210 deg - Service		-2127.23	3665.56	211228.91	122956.02	-886.56
Wind 240 deg - Service		-3745.12	2162.25	123322.08	213600.12	-789.75
Wind 270 deg - Service		-4282.67	9.45	868.58	247655.98	-442.37
Wind 300 deg - Service		-3264.43	-1873.81	-109522.04	192291.41	-48.11
Wind 330 deg - Service		-1740.55	-3014.72	-177833.62	104023.30	241.86

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.6 Wind 0 deg - No Ice
3	0.9 Dead+1.6 Wind 0 deg - No Ice
4	1.2 Dead+1.6 Wind 30 deg - No Ice
5	0.9 Dead+1.6 Wind 30 deg - No Ice
6	1.2 Dead+1.6 Wind 60 deg - No Ice
7	0.9 Dead+1.6 Wind 60 deg - No Ice

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Comb. No.	Description
8	1.2 Dead+1.6 Wind 90 deg - No Ice
9	0.9 Dead+1.6 Wind 90 deg - No Ice
10	1.2 Dead+1.6 Wind 120 deg - No Ice
11	0.9 Dead+1.6 Wind 120 deg - No Ice
12	1.2 Dead+1.6 Wind 150 deg - No Ice
13	0.9 Dead+1.6 Wind 150 deg - No Ice
14	1.2 Dead+1.6 Wind 180 deg - No Ice
15	0.9 Dead+1.6 Wind 180 deg - No Ice
16	1.2 Dead+1.6 Wind 210 deg - No Ice
17	0.9 Dead+1.6 Wind 210 deg - No Ice
18	1.2 Dead+1.6 Wind 240 deg - No Ice
19	0.9 Dead+1.6 Wind 240 deg - No Ice
20	1.2 Dead+1.6 Wind 270 deg - No Ice
21	0.9 Dead+1.6 Wind 270 deg - No Ice
22	1.2 Dead+1.6 Wind 300 deg - No Ice
23	0.9 Dead+1.6 Wind 300 deg - No Ice
24	1.2 Dead+1.6 Wind 330 deg - No Ice
25	0.9 Dead+1.6 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial lb	Major Axis Moment lb-ft	Minor Axis Moment lb-ft
T1	100 - 90	Leg	Max Tension	15	9746.95	-22.93	657.17
			Max. Compression	18	-12242.00	211.07	-122.84
			Max. Mx	8	-10733.51	663.16	11.49
			Max. My	2	-12040.99	24.63	-663.98
			Max. Vy	20	-1792.87	232.97	-26.32
			Max. Vx	2	-1821.44	-6.62	246.22
		Diagonal	Max Tension	9	2345.27	0.00	0.00
			Max. Compression	8	-2413.06	0.00	0.00
			Max. Mx	33	439.85	-4.33	0.01
			Max. My	8	-2008.44	-1.05	0.68

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Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial lb	Major Axis Moment lb-ft	Minor Axis Moment lb-ft
T2	90 - 70	Horizontal	Max. Vy	33	8.64	-4.33	0.01
			Max. Vx	8	-0.29	-1.05	0.68
			Max Tension	2	575.89	0.00	0.00
			Max. Compression	15	-500.14	0.00	0.00
			Max. Mx	26	111.17	13.53	0.00
		Top Girt	Max. My	8	41.58	0.00	0.00
			Max. Vy	26	-13.53	0.00	0.00
			Max. Vx	8	-0.00	0.00	0.00
			Max Tension	7	305.36	0.00	0.00
			Max. Compression	10	-351.06	0.00	0.00
		Bottom Girt	Max. Mx	26	-72.70	15.37	0.00
			Max. My	8	-3.74	0.00	0.00
			Max. Vy	26	15.37	0.00	0.00
			Max. Vx	8	-0.00	0.00	0.00
			Max Tension	6	1065.36	0.00	0.00
		Mid Girt	Max. Compression	10	-1101.81	0.00	0.00
			Max. Mx	26	12.91	15.37	0.00
			Max. My	6	-483.35	0.00	-0.00
			Max. Vy	26	15.37	0.00	0.00
			Max. Vx	6	0.00	0.00	0.00
		Leg	Max Tension	22	640.46	0.00	0.00
			Max. Compression	19	-600.00	0.00	0.00
			Max. Mx	26	58.79	15.37	0.00
			Max. My	6	-277.49	0.00	-0.00
			Max. Vy	26	15.37	0.00	0.00
		Diagonal	Max. Vx	6	0.00	0.00	0.00
			Max Tension	15	38016.77	824.06	-0.05
			Max. Compression	10	-41358.26	217.23	2.93
			Max. Mx	2	-12074.98	1063.88	37.01
			Max. My	12	-1518.52	-17.84	-1010.80
		Horizontal	Max. Vy	2	-2129.86	223.24	-1.24
			Max. Vx	16	-1841.37	-8.75	168.69
			Max Tension	20	2735.16	0.00	0.00
			Max. Compression	20	-2739.44	0.00	0.00
			Max. Mx	32	579.29	-5.07	0.17
		Top Girt	Max. My	20	-2609.62	-0.71	-1.19
			Max. Vy	33	-9.38	-4.94	0.20
			Max. Vx	20	0.51	-0.71	-1.19
			Max Tension	14	686.25	0.00	0.00
			Max. Compression	3	-573.80	0.00	0.00
		Bottom Girt	Max. Mx	26	185.75	16.23	0.00
			Max. My	18	140.39	0.00	0.00
			Max. Vy	26	-14.66	0.00	0.00
			Max. Vx	18	-0.00	0.00	0.00
			Max Tension	10	1244.17	0.00	0.00
		Leg	Max. Compression	6	-1215.09	0.00	0.00
			Max. Mx	26	-8.08	15.17	0.00
			Max. My	18	-478.22	0.00	0.00
			Max. Vy	26	-15.12	0.00	0.00
			Max. Vx	18	-0.00	0.00	0.00
T3	70 - 50	Leg	Max Tension	14	1369.55	0.00	0.00
			Max. Compression	3	-1372.96	0.00	0.00
			Max. Mx	26	44.71	18.97	0.00
			Max. My	16	198.25	0.00	-0.00
			Max. Vy	26	-16.91	0.00	0.00
			Max. Vx	16	0.00	0.00	0.00
			Max Tension	7	67399.29	114.79	13.05
			Max. Compression	10	-71629.59	1212.98	-6.34
			Max. Mx	2	-41015.35	1367.45	-6.55
			Max. My	16	-2210.56	-35.59	1171.16
			Max. Vy	22	2448.97	-1211.59	7.69

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Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial lb	Major Axis Moment lb-ft	Minor Axis Moment lb-ft
T4	50 - 40	Diagonal	Max. Vx	4	2161.50	0.54	-984.41
			Max Tension	20	2908.57	0.00	0.00
			Max. Compression	20	-3116.38	0.00	0.00
			Max. Mx	31	476.37	-7.01	0.20
			Max. My	8	-3093.74	-0.35	1.86
			Max. Vy	31	11.57	-7.01	0.20
		Horizontal	Max. Vx	8	-0.73	-0.35	1.86
			Max Tension	14	1040.22	0.00	0.00
			Max. Compression	3	-916.18	0.00	0.00
			Max. Mx	26	163.04	19.41	0.00
			Max. My	18	253.68	0.00	0.00
			Max. Vy	26	-15.76	0.00	0.00
		Top Girt	Max. Vx	18	0.00	0.00	0.00
			Max Tension	18	1183.62	0.00	0.00
			Max. Compression	22	-1119.45	0.00	0.00
			Max. Mx	26	7.45	18.60	0.00
			Max. My	18	-455.00	0.00	0.00
			Max. Vy	26	-16.49	0.00	0.00
		Bottom Girt	Max. Vx	18	-0.00	0.00	0.00
			Max Tension	14	1454.97	0.00	0.00
			Max. Compression	3	-1319.41	0.00	0.00
			Max. Mx	26	84.72	22.70	0.00
			Max. My	16	2.42	0.00	-0.00
			Max. Vy	26	-18.21	0.00	0.00
T5	40 - 20	Leg	Max. Vx	16	0.00	0.00	0.00
			Max Tension	7	66595.87	-1204.64	-43.30
			Max. Compression	10	-70575.76	3303.82	-15.26
			Max. Mx	6	65979.08	-3579.61	-47.28
			Max. My	8	-2639.72	-123.22	6070.50
			Max. Vy	22	325.19	-3555.19	1.76
		Diagonal	Max. Vx	4	606.44	-107.98	-6064.81
			Max Tension	17	3416.64	111.16	13.78
			Max. Compression	4	-3780.72	0.00	0.00
			Max. Mx	6	2140.64	127.75	17.44
			Max. My	8	-1533.93	-96.71	-32.31
			Max. Vy	29	31.62	50.68	1.12
		Leg	Max. Vx	8	6.57	0.00	0.00
			Max Tension	7	80253.53	-3424.55	-27.73
			Max. Compression	10	-86428.61	3393.07	-6.25
			Max. Mx	6	74008.86	-3579.62	-47.28
			Max. My	8	-3344.57	-123.30	6070.50
			Max. Vy	6	-346.17	-3437.48	-31.20
		Diagonal	Max. Vx	4	-415.34	-108.07	-6064.81
			Max Tension	7	2817.16	97.75	5.08
			Max. Compression	18	-3245.45	0.00	0.00
			Max. Mx	10	2435.13	133.12	-8.61
			Max. My	4	2088.12	107.75	-12.27
			Max. Vy	31	-39.75	77.87	-9.77
T6	20 - 0	Leg	Max. Vx	29	3.04	0.00	0.00
			Max Tension	7	93639.11	-3293.73	-35.48
			Max. Compression	10	-102466.27	0.00	0.01
			Max. Mx	10	-95401.49	3393.07	-6.25
			Max. My	4	-5681.74	-174.67	-5340.54
			Max. Vy	22	-434.03	-3328.28	-1.79
		Diagonal	Max. Vx	4	-644.44	-174.73	-5340.54
			Max Tension	7	4113.76	0.00	0.00
			Max. Compression	18	-4602.66	0.00	0.00
			Max. Mx	10	2053.07	84.77	-11.12
			Max. My	5	-3482.33	-31.94	-15.44
			Max. Vy	30	41.32	50.68	11.78
			Max. Vx	28	3.13	0.00	0.00

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Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial lb	Major Axis Moment lb-ft	Minor Axis Moment lb-ft

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical lb	Horizontal, X lb	Horizontal, Z lb
Leg C	Max. Vert	18	107979.16	9601.50	-5341.13
	Max. H _x	18	107979.16	9601.50	-5341.13
	Max. H _z	7	-98843.93	-8787.62	4896.47
	Min. Vert	7	-98843.93	-8787.62	4896.47
	Min. H _x	7	-98843.93	-8787.62	4896.47
	Min. H _z	18	107979.16	9601.50	-5341.13
Leg B	Max. Vert	10	108638.70	-9508.51	-5479.57
	Max. H _x	23	-97992.57	8672.54	4990.98
	Max. H _z	23	-97992.57	8672.54	4990.98
	Min. Vert	23	-97992.57	8672.54	4990.98
	Min. H _x	10	108638.70	-9508.51	-5479.57
	Min. H _z	10	108638.70	-9508.51	-5479.57
Leg A	Max. Vert	2	107868.42	146.94	10953.74
	Max. H _x	6	56878.68	336.00	5689.74
	Max. H _z	2	107868.42	146.94	10953.74
	Min. Vert	15	-98568.75	-114.22	-10021.91
	Min. H _x	18	-45950.19	-264.00	-4770.68
	Min. H _z	15	-98568.75	-114.22	-10021.91

Tower Mast Reaction Summary

Load Combination	Vertical lb	Shear _x lb	Shear _z lb	Overturning Moment, M _x lb-ft	Overturning Moment, M _z lb-ft	Torque lb-ft
Dead Only	14041.62	0.00	0.00	1614.76	-3579.92	0.00
1.2 Dead+1.6 Wind 0 deg - No Ice	16849.93	34.03	-15508.84	-885526.31	-5346.37	2391.90
0.9 Dead+1.6 Wind 0 deg - No Ice	12637.45	34.02	-15508.48	-884614.02	-4261.23	2385.52
1.2 Dead+1.6 Wind 30 deg - No Ice	16849.93	7737.97	-13334.64	-771338.70	-451972.05	3229.16
0.9 Dead+1.6 Wind 30 deg - No Ice	12637.45	7737.65	-13334.29	-770598.25	-450163.88	3221.70
1.2 Dead+1.6 Wind 60 deg - No Ice	16849.93	13284.44	-7669.78	-443942.29	-776649.50	2789.76
0.9 Dead+1.6 Wind 60 deg - No Ice	12637.45	13284.55	-7669.84	-443742.69	-774369.17	2783.52
1.2 Dead+1.6 Wind 90 deg - No Ice	16849.93	15417.12	-33.96	933.18	-897837.73	1599.19
0.9 Dead+1.6 Wind 90 deg - No Ice	12637.45	15416.65	-33.86	453.74	-895324.67	1595.83
1.2 Dead+1.6 Wind 120 deg - No Ice	16849.93	13448.06	7724.95	444806.35	-773411.52	132.43
0.9 Dead+1.6 Wind 120 deg - No Ice	12637.45	13447.75	7724.77	443615.33	-771110.95	132.60
1.2 Dead+1.6 Wind 150 deg - No Ice	16849.93	7679.15	13300.54	774223.47	-450192.93	-880.19

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Load Combination	Vertical lb	Shear _x lb	Shear _z lb	Overturning Moment, M _x lb-ft	Overturning Moment, M _z lb-ft	Torque lb-ft
0.9 Dead+1.6 Wind 150 deg - No Ice	12637.45	7679.00	13300.09	772492.79	-448403.07	-876.53
1.2 Dead+1.6 Wind 180 deg - No Ice	16849.93	-34.03	15280.61	891980.79	-3302.72	-2183.88
0.9 Dead+1.6 Wind 180 deg - No Ice	12637.45	-34.03	15280.74	890111.62	-2218.23	-2177.48
1.2 Dead+1.6 Wind 210 deg - No Ice	16849.93	-7738.09	13334.57	775250.22	443315.71	-3226.36
0.9 Dead+1.6 Wind 210 deg - No Ice	12637.45	-7737.95	13334.11	773518.90	443694.92	-3218.92
1.2 Dead+1.6 Wind 240 deg - No Ice	16849.93	-13482.09	7783.89	446581.89	765791.01	-2866.29
0.9 Dead+1.6 Wind 240 deg - No Ice	12637.45	-13481.78	7783.71	445390.04	765659.51	-2860.10
1.2 Dead+1.6 Wind 270 deg - No Ice	16849.93	-15417.12	34.10	2977.29	889198.48	-1599.32
0.9 Dead+1.6 Wind 270 deg - No Ice	12637.45	-15416.66	34.20	2497.09	888854.71	-1595.92
1.2 Dead+1.6 Wind 300 deg - No Ice	16849.93	-13250.41	-7610.84	-442177.19	766985.49	-174.09
0.9 Dead+1.6 Wind 300 deg - No Ice	12637.45	-13250.52	-7610.90	-441978.05	766874.42	-174.24
1.2 Dead+1.6 Wind 330 deg - No Ice	16849.93	-7679.04	-13300.61	-770320.62	441555.75	877.56
0.9 Dead+1.6 Wind 330 deg - No Ice	12637.45	-7678.72	-13300.26	-769580.52	441917.60	873.89
1.2 Dead+1.0 Ice+1.0 Temp	53711.02	-0.19	-0.08	8012.88	-19804.25	0.05
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	53711.02	4.66	-3678.54	-196501.09	-19990.01	552.40
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	53711.02	1836.92	-3172.32	-171471.34	-123624.07	649.03
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	53711.02	3264.34	-1884.68	-98343.82	-204089.78	589.28
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	53711.02	3665.76	-4.67	7906.78	-227181.47	308.45
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	53711.02	3188.03	1835.22	110166.27	-197041.79	-8.24
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	53711.02	1828.83	3167.64	187359.99	-123411.03	-277.87
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	53711.02	-4.68	3761.25	220525.06	-19708.12	-511.88
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	53711.02	-1836.94	3172.31	187508.04	83959.06	-648.92
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	53711.02	-3192.73	1843.31	110414.84	157490.71	-576.16
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	53711.02	-3665.78	4.67	8188.32	187491.59	-308.36
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	53711.02	-3259.69	-1876.59	-98101.13	164254.60	5.49
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	53711.02	-1828.85	-3167.65	-171331.25	83682.40	277.67
Dead+Wind 0 deg - Service	14041.61	9.45	-4307.85	-244638.53	-3880.45	662.92
Dead+Wind 30 deg - Service	14041.61	2149.46	-3704.08	-212965.17	-127818.44	892.96
Dead+Wind 60 deg - Service	14041.61	3690.15	-2130.51	-122112.68	-217916.82	773.56
Dead+Wind 90 deg - Service	14041.61	4282.56	-9.45	1340.83	-251547.48	446.38
Dead+Wind 120 deg - Service	14041.61	3735.43	2145.74	124509.26	-217008.66	37.12
Dead+Wind 150 deg - Service	14041.61	2133.10	3694.62	215928.62	-127326.68	-246.32
Dead+Wind 180 deg - Service	14041.61	-9.45	4244.65	248606.39	-3313.80	-606.25
Dead+Wind 210 deg - Service	14041.61	-2149.47	3704.07	216213.38	120624.39	-892.74
Dead+Wind 240 deg - Service	14041.61	-3744.89	2162.11	125001.30	210099.34	-795.29
Dead+Wind 270 deg - Service	14041.61	-4282.56	9.46	1908.04	244354.51	-446.43

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Load Combination	Vertical lb	Shear _x lb	Shear _z lb	Overturning Moment, M _x lb-ft	Overturning Moment, M _z lb-ft	Torque lb-ft
Dead+Wind 300 deg - Service	14041.61	-3680.70	-2114.14	-121621.45	210439.56	-48.11
Dead+Wind 330 deg - Service	14041.61	-2133.09	-3694.63	-212681.28	120133.30	246.15

Solution Summary

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX lb	PY lb	PZ lb	PX lb	PY lb	PZ lb	
1	-0.00	-14041.62	-0.00	-0.00	14041.62	-0.00	0.000%
2	34.03	-16849.94	-15509.25	-34.03	16849.93	15508.84	0.002%
3	34.03	-12637.45	-15509.25	-34.02	12637.45	15508.48	0.004%
4	7738.27	-16849.94	-13335.02	-7737.97	16849.93	13334.64	0.002%
5	7738.27	-12637.45	-13335.02	-7737.65	12637.45	13334.29	0.005%
6	13284.91	-16849.94	-7670.05	-13284.44	16849.93	7669.78	0.002%
7	13284.91	-12637.45	-7670.05	-13284.55	12637.45	7669.84	0.002%
8	15417.60	-16849.94	-34.03	-15417.12	16849.93	33.96	0.002%
9	15417.60	-12637.45	-34.03	-15416.65	12637.45	33.86	0.005%
10	13448.42	-16849.94	7725.15	-13448.06	16849.93	-7724.95	0.002%
11	13448.42	-12637.45	7725.15	-13447.75	12637.45	-7724.77	0.004%
12	7679.33	-16849.94	13300.99	-7679.15	16849.93	-13300.54	0.002%
13	7679.33	-12637.45	13300.99	-7679.00	12637.45	-13300.09	0.005%
14	-34.03	-16849.94	15281.16	34.03	16849.93	-15280.61	0.002%
15	-34.03	-12637.45	15281.16	34.03	12637.45	-15280.74	0.002%
16	-7738.27	-16849.94	13335.02	7738.09	16849.93	-13334.57	0.002%
17	-7738.27	-12637.45	13335.02	7737.95	12637.45	-13334.11	0.005%
18	-13482.45	-16849.94	7784.09	13482.09	16849.93	-7783.89	0.002%
19	-13482.45	-12637.45	7784.09	13481.78	12637.45	-7783.71	0.004%
20	-15417.60	-16849.94	34.03	15417.12	16849.93	-34.10	0.002%
21	-15417.60	-12637.45	34.03	15416.66	12637.45	-34.20	0.005%
22	-13250.88	-16849.94	-7611.11	13250.41	16849.93	7610.84	0.002%
23	-13250.88	-12637.45	-7611.11	13250.52	12637.45	7610.90	0.002%
24	-7679.33	-16849.94	-13300.99	7679.04	16849.93	13300.61	0.002%
25	-7679.33	-12637.45	-13300.99	7678.72	12637.45	13300.26	0.005%
26	-0.00	-53711.02	-0.00	0.19	53711.02	0.08	0.000%
27	4.67	-53711.02	-3678.65	-4.66	53711.02	3678.54	0.000%
28	1836.99	-53711.02	-3172.41	-1836.92	53711.02	3172.32	0.000%
29	3264.45	-53711.02	-1884.73	-3264.34	53711.02	1884.68	0.000%
30	3665.89	-53711.02	-4.67	-3665.76	53711.02	4.67	0.000%
31	3188.14	-53711.02	1835.28	-3188.03	53711.02	-1835.22	0.000%
32	1828.90	-53711.02	3167.74	-1828.83	53711.02	-3167.64	0.000%
33	-4.67	-53711.02	3761.37	4.68	53711.02	-3761.25	0.000%
34	-1836.99	-53711.02	3172.41	1836.94	53711.02	-3172.31	0.000%
35	-3192.81	-53711.02	1843.37	3192.73	53711.02	-1843.31	0.000%
36	-3665.89	-53711.02	4.67	3665.78	53711.02	-4.67	0.000%
37	-3259.78	-53711.02	-1876.64	3259.69	53711.02	1876.59	0.000%
38	-1828.90	-53711.02	-3167.74	1828.85	53711.02	3167.65	0.000%
39	9.45	-14041.62	-4308.12	-9.45	14041.61	4307.85	0.002%
40	2149.52	-14041.62	-3704.17	-2149.46	14041.61	3704.08	0.001%
41	3690.25	-14041.62	-2130.57	-3690.15	14041.61	2130.51	0.001%
42	4282.67	-14041.62	-9.45	-4282.56	14041.61	9.45	0.001%
43	3735.67	-14041.62	2145.88	-3735.43	14041.61	-2145.74	0.002%
44	2133.15	-14041.62	3694.72	-2133.10	14041.61	-3694.62	0.001%
45	-9.45	-14041.62	4244.77	9.45	14041.61	-4244.65	0.001%
46	-2149.52	-14041.62	3704.17	2149.47	14041.61	-3704.07	0.001%
47	-3745.12	-14041.62	2162.25	3744.89	14041.61	-2162.11	0.002%
48	-4282.67	-14041.62	9.45	4282.56	14041.61	-9.46	0.001%
49	-3680.80	-14041.62	-2114.20	3680.70	14041.61	2114.14	0.001%
50	-2133.15	-14041.62	-3694.72	2133.09	14041.61	3694.63	0.001%

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Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	6	0.00000001	0.00000001
2	Yes	12	0.00000001	0.00006616
3	Yes	11	0.00000001	0.00011323
4	Yes	12	0.00000001	0.00007803
5	Yes	11	0.00000001	0.00014092
6	Yes	12	0.00000001	0.00008814
7	Yes	12	0.00000001	0.00006779
8	Yes	12	0.00000001	0.00007792
9	Yes	11	0.00000001	0.00014070
10	Yes	12	0.00000001	0.00006617
11	Yes	11	0.00000001	0.00011316
12	Yes	12	0.00000001	0.00007768
13	Yes	11	0.00000001	0.00014016
14	Yes	12	0.00000001	0.00008798
15	Yes	12	0.00000001	0.00006765
16	Yes	12	0.00000001	0.00007796
17	Yes	11	0.00000001	0.00014066
18	Yes	12	0.00000001	0.00006627
19	Yes	11	0.00000001	0.00011332
20	Yes	12	0.00000001	0.00007791
21	Yes	11	0.00000001	0.00014067
22	Yes	12	0.00000001	0.00008807
23	Yes	12	0.00000001	0.00006773
24	Yes	12	0.00000001	0.00007775
25	Yes	11	0.00000001	0.00014039
26	Yes	10	0.00000001	0.00013359
27	Yes	13	0.00000001	0.00006519
28	Yes	13	0.00000001	0.00006870
29	Yes	13	0.00000001	0.00007145
30	Yes	13	0.00000001	0.00007045
31	Yes	13	0.00000001	0.00006908
32	Yes	13	0.00000001	0.00006999
33	Yes	13	0.00000001	0.00007075
34	Yes	13	0.00000001	0.00006789
35	Yes	13	0.00000001	0.00006446
36	Yes	13	0.00000001	0.00006467
37	Yes	13	0.00000001	0.00006614
38	Yes	13	0.00000001	0.00006503
39	Yes	11	0.00000001	0.00014396
40	Yes	12	0.00000001	0.00006258
41	Yes	12	0.00000001	0.00006539
42	Yes	12	0.00000001	0.00006249
43	Yes	11	0.00000001	0.00014404
44	Yes	12	0.00000001	0.00006236
45	Yes	12	0.00000001	0.00006527
46	Yes	12	0.00000001	0.00006255
47	Yes	11	0.00000001	0.00014416
48	Yes	12	0.00000001	0.00006246
49	Yes	12	0.00000001	0.00006530
50	Yes	12	0.00000001	0.00006236

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Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	100 - 90	2.898	42	0.2497	0.0141
T2	90 - 70	2.352	42	0.2439	0.0134
T3	70 - 50	1.351	42	0.1992	0.0099
T4	50 - 40	0.613	42	0.1299	0.0062
T5	40 - 20	0.369	42	0.0968	0.0044
T6	20 - 0	0.085	42	0.0375	0.0019

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
98.00	Flat Sector Frame	42	2.788	0.2490	0.0140	99093
97.50	8' Dipole	42	2.760	0.2488	0.0140	99093
97.00	8' Dipole	42	2.733	0.2486	0.0140	99093
30.00	Flat Side Arm	42	0.196	0.0650	0.0030	19210

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	100 - 90	10.359	8	0.8921	0.0512
T2	90 - 70	8.404	8	0.8720	0.0484
T3	70 - 50	4.828	8	0.7114	0.0360
T4	50 - 40	2.190	8	0.4638	0.0225
T5	40 - 20	1.320	8	0.3455	0.0159
T6	20 - 0	0.304	8	0.1338	0.0069

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
98.00	Flat Sector Frame	8	9.965	0.8898	0.0508	28114
97.50	8' Dipole	8	9.867	0.8891	0.0507	28114
97.00	8' Dipole	8	9.768	0.8885	0.0506	28114
30.00	Flat Side Arm	8	0.701	0.2322	0.0108	5372

Bolt Design Data

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Section No.	Elevation ft	Component Type	Bolt Grade	Bolt Size in	Number Of Bolts	Maximum Load per Bolt lb	Allowable Load lb	Ratio Load Allowable	Allowable Ratio	Criteria
T1	100	Leg	A325N	0.6250	4	3060.50	24850.50	0.123 ✓	1	Bolt DS
T2	90	Leg	A325N	0.6250	5	8271.65	24850.50	0.333 ✓	1	Bolt DS
T3	70	Leg	A325N	1.0000	6	11233.20	53014.40	0.212 ✓	1	Bolt Tension
T4	50	Leg	A325N	1.0000	6	11099.30	53014.40	0.209 ✓	1	Bolt Tension
		Diagonal	A325N	1.0000	1	3416.64	11682.40	0.292 ✓	1	Member Block Shear
T5	40	Leg	A325N	1.0000	6	13332.50	53014.40	0.251 ✓	1	Bolt Tension
		Diagonal	A325N	1.0000	1	2817.16	11682.40	0.241 ✓	1	Member Block Shear
T6	20	Leg	A687	1.0000	6	15606.50	54516.40	0.286 ✓	1	Bolt Tension
		Diagonal	A325N	1.0000	1	4113.76	11682.40	0.352 ✓	1	Member Block Shear

Compression Checks

Leg Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u lb	φP _n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	100 - 90	1 1/2	10.00	2.38	76.0 K=1.00	1.7672	-12242.00	52128.00	0.235 ¹ ✓
T2	90 - 70	1 3/4	20.00	2.38	65.1 K=1.00	2.4053	-41358.30	79359.30	0.521 ¹ ✓
T3	70 - 50	2	20.00	2.36	56.7 K=1.00	3.1416	-71629.60	111718.00	0.641 ¹ ✓
T4	50 - 40	Pirol 105244	10.02	10.02	45.4 K=1.00	3.6816	-70575.80	142493.00	0.495 ¹ ✓
T5	40 - 20	Pirol 105216	20.03	10.02	45.4 K=1.00	3.6816	-86428.60	142493.00	0.607 ¹ ✓
T6	20 - 0	Pirol 105217	20.03	10.02	37.8 K=1.00	5.3014	-102466.00	214859.00	0.477 ¹ ✓

¹ P_u / φP_n controls

Truss-Leg Diagonal Data

Section No.	Elevation ft	Diagonal Size	L _d ft	Kl/r	φP _n lb	A in ²	V _u lb	φV _n lb	Stress Ratio
T4	50 - 40	0.5	1.48	121.0	165670.00	0.1963	606.90	3388.58	0.180 ✓
T5	40 - 20	0.5	1.48	121.0	165670.00	0.1963	416.01	3292.47	0.127

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Section No.	Elevation ft	Diagonal Size	L_d ft	Kl/r	ϕP_n lb	A in ²	V_u lb	ϕV_n lb	Stress Ratio
T6	20 - 0	0.5	1.47	120.0	238565.00	0.1963	645.19	3335.33	0.194

Diagonal Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in ²	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	100 - 90	3/4	4.65	2.25	129.8 K=0.90	0.4418	-2413.06	5924.80	0.407 ¹
T2	90 - 70	3/4	5.05	2.46	141.7 K=0.90	0.4418	-2739.44	4972.06	0.551 ¹
T3	70 - 50	7/8	5.49	2.67	131.8 K=0.90	0.6013	-2736.36	7818.09	0.350 ¹
T4	50 - 40	L3x3x3/16	11.42	4.98	105.2 K=1.05	1.0900	-3780.72	19425.90	0.195 ¹
T5	40 - 20	L3x3x3/16	12.50	5.63	115.0 K=1.01	1.0900	-3245.45	17418.80	0.186 ¹
T6	20 - 0	L3x3x3/16	13.80	6.33	127.4 K=1.00	1.0900	-4602.66	14946.80	0.308 ¹

¹ $P_u / \phi P_n$ controls

Horizontal Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in ²	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	100 - 90	3/4	4.00	3.88	173.6 K=0.70	0.4418	-500.14	3311.71	0.151 ¹
T2	90 - 70	3/4	4.37	4.22	189.2 K=0.70	0.4418	-517.99	2788.50	0.186 ¹
T3	70 - 50	3/4	4.57	4.41	197.4 K=0.70	0.4418	-916.18	2561.54	0.358 ¹

¹ $P_u / \phi P_n$ controls

Top Girt Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in ²	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	100 - 90	7/8	4.00	3.88	148.8 K=0.70	0.6013	-351.06	6135.36	0.057 ¹

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Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u lb	φP _n lb	Ratio $\frac{P_u}{\phi P_n}$
T2	90 - 70	7/8	4.01	3.87	148.5 K=0.70	0.6013	-1215.09	6161.83	0.197 ¹
T3	70 - 50	7/8	4.51	4.35	166.9 K=0.70	0.6013	-1119.45	4875.48	0.230 ¹

¹ P_u / φP_n controls

Bottom Girt Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u lb	φP _n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	100 - 90	7/8	4.00	3.88	148.8 K=0.70	0.6013	-1101.81	6135.36	0.180 ¹
T2	90 - 70	7/8	4.49	4.34	166.7 K=0.70	0.6013	-1372.96	4887.32	0.281 ¹
T3	70 - 50	7/8	4.99	4.82	185.1 K=0.70	0.6013	-1319.41	3965.86	0.333 ¹

¹ P_u / φP_n controls

Mid Girt Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u lb	φP _n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	100 - 90	7/8	4.00	3.88	148.8 K=0.70	0.6013	-600.00	6135.36	0.098 ¹

¹ P_u / φP_n controls

Tension Checks

Leg Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u lb	φP _n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	100 - 90	1 1/2	10.00	2.38	76.0	0.7732	9746.95	37695.20	0.259 ¹
T2	90 - 70	1 3/4	20.00	2.38	65.1	1.2339	38016.80	60150.90	0.632 ¹

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Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u lb	φP _n lb	Ratio $\frac{P_u}{\phi P_n}$
T3	70 - 50	2	20.00	2.36	56.7	3.1416	67399.30	141372.00	0.477 ¹
T4	50 - 40	Pirod 105244	10.02	10.02	45.4	3.6816	66595.90	165670.00	0.402 ¹
T5	40 - 20	Pirod 105216	20.03	10.02	45.4	3.6816	79994.80	165670.00	0.483 ¹
T6	20 - 0	Pirod 105217	20.03	10.02	37.8	5.3014	93639.10	238565.00	0.393 ¹

¹ P_u / φP_n controls

Truss-Leg Diagonal Data

Section No.	Elevation ft	Diagonal Size	L _d ft	Kl/r	φP _n lb	A in ²	V _u lb	φV _n lb	Stress Ratio
T4	50 - 40	0.5	1.48	121.0	165670.00	0.1963	606.90	3388.58	0.180
T5	40 - 20	0.5	1.48	121.0	165670.00	0.1963	416.01	3292.47	0.127
T6	20 - 0	0.5	1.47	120.0	238565.00	0.1963	645.19	3335.33	0.194

Diagonal Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u lb	φP _n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	100 - 90	3/4	4.65	2.25	144.2	0.4418	2345.27	19880.40	0.118 ¹
T2	90 - 70	3/4	5.05	2.46	157.4	0.4418	2735.16	19880.40	0.138 ¹
T3	70 - 50	7/8	5.12	2.49	136.3	0.6013	2908.57	27059.40	0.107 ¹
T4	50 - 40	L3x3x3/16	11.42	4.98	66.3	0.6593	3416.64	28679.40	0.119 ¹
T5	40 - 20	L3x3x3/16	12.50	5.63	74.6	0.6593	2817.16	28679.40	0.098 ¹
T6	20 - 0	L3x3x3/16	13.80	6.33	83.5	0.6593	4113.76	28679.40	0.143 ¹

¹ P_u / φP_n controls

Horizontal Design Data (Tension)

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Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u lb	φP _n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	100 - 90	3/4	4.00	3.88	248.0	0.4418	575.90	19880.40	0.029 ¹
T2	90 - 70	3/4	4.07	3.93	251.3	0.4418	686.25	19880.40	0.035 ¹
T3	70 - 50	3/4	4.57	4.41	282.0	0.4418	1040.22	19880.40	0.052 ¹

¹ P_u / φP_n controls

Top Girt Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u lb	φP _n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	100 - 90	7/8	4.00	3.88	212.6	0.6013	305.36	27059.40	0.011 ¹
T2	90 - 70	7/8	4.01	3.87	212.1	0.6013	1244.17	27059.40	0.046 ¹
T3	70 - 50	7/8	4.51	4.35	238.5	0.6013	1183.62	27059.40	0.044 ¹

¹ P_u / φP_n controls

Bottom Girt Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u lb	φP _n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	100 - 90	7/8	4.00	3.88	212.6	0.6013	1065.36	27059.40	0.039 ¹
T2	90 - 70	7/8	4.49	4.34	238.2	0.6013	1369.55	27059.40	0.051 ¹
T3	70 - 50	7/8	4.99	4.82	264.4	0.6013	1454.97	27059.40	0.054 ¹

¹ P_u / φP_n controls

Mid Girt Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u lb	φP _n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	100 - 90	7/8	4.00	3.88	212.6	0.6013	640.46	27059.40	0.024 ¹

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Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u lb	φP _n lb	Ratio $\frac{P_u}{\phi P_n}$
									✓

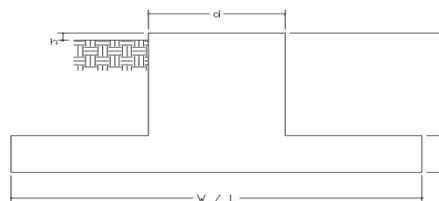
¹ P_u / φP_n controls

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	φP _{allow} lb	% Capacity	Pass Fail
T1	100 - 90	Leg	1 1/2	3	9746.95	37695.20	25.9	Pass
T2	90 - 70	Leg	1 3/4	41	38016.80	60150.90	63.2	Pass
T3	70 - 50	Leg	2	104	-71629.60	111718.00	64.1	Pass
T4	50 - 40	Leg	Pirod 105244	168	-70575.80	142493.00	49.5	Pass
T5	40 - 20	Leg	Pirod 105216	177	-86428.60	142493.00	60.7	Pass
T6	20 - 0	Leg	Pirod 105217	192	-102466.00	214859.00	47.7	Pass
T1	100 - 90	Diagonal	3/4	14	-2413.06	5924.80	40.7	Pass
T2	90 - 70	Diagonal	3/4	48	-2739.44	4972.06	55.1	Pass
T3	70 - 50	Diagonal	7/8	112	-2736.36	7818.09	35.0	Pass
T4	50 - 40	Diagonal	L3x3x3/16	173	-3780.72	19425.90	19.5	Pass
							29.2 (b)	
T5	40 - 20	Diagonal	L3x3x3/16	179	-3245.45	17418.80	18.6	Pass
							24.1 (b)	
T6	20 - 0	Diagonal	L3x3x3/16	194	-4602.66	14946.80	30.8	Pass
							35.2 (b)	
T1	100 - 90	Horizontal	3/4	32	-500.14	3311.71	15.1	Pass
T2	90 - 70	Horizontal	3/4	61	-517.99	2788.50	18.6	Pass
T3	70 - 50	Horizontal	3/4	160	-916.18	2561.54	35.8	Pass
T1	100 - 90	Top Girt	7/8	6	-351.06	6135.36	5.7	Pass
T2	90 - 70	Top Girt	7/8	43	-1215.09	6161.83	19.7	Pass
T3	70 - 50	Top Girt	7/8	108	-1119.45	4875.48	23.0	Pass
T1	100 - 90	Bottom Girt	7/8	9	-1101.81	6135.36	18.0	Pass
T2	90 - 70	Bottom Girt	7/8	45	-1372.96	4887.32	28.1	Pass
T3	70 - 50	Bottom Girt	7/8	109	-1319.41	3965.86	33.3	Pass
T1	100 - 90	Mid Girt	7/8	11	-600.00	6135.36	9.8	Pass
							Summary	
							Leg (T3)	64.1
							Diagonal (T2)	55.1
							Horizontal (T3)	35.8
							Top Girt (T3)	23.0
							Bottom Girt (T3)	33.3
							Mid Girt (T1)	9.8
							Bolt Checks	35.2
							RATING =	64.1
								Pass

Site Name: Lincolnwood, IL
 Site Number: 303900
 Engineering Number: 56280725
 Engineer: M. Davenport
 Date: 02/26/14
 Tower Type: SST w/3 Legs

Program Last Updated: [Return to VB Agenda](#)
 11/15/2012



Design Loads (Factored) - Analysis per TIA-222-G Standards

Design / Analysis / Mapping:	Analysis		
Compression/Leg:	108.6 k	Concrete Strength (f'_c):	3000 psi
Uplift/Leg:	98.8 k	Pad Tension Steel Depth:	20.00 in
Total Shear:	15.6 k	ϕ_{Shear} :	0.75
Moment:	897.8 k-ft	$\phi_{\text{Flexure / Tension}}$:	0.90
Tower + Appurtenance Weight:	16.9 k	$\phi_{\text{Compression}}$:	0.65
Depth to Base of Foundation ($l + t - h$):	3.50 ft	β :	0.85
Diameter of Pier (d):	2.50 ft	Bottom Pad Rebar Size #:	7
Height of Pier above Ground (h):	1.50	# of Bottom Pad Rebar:	24
Width of Pad (W):	24.00 ft	Pad Bottom Steel Area:	14.40 in ²
Length of Pad (L):	24.00 ft	Pad Steel F_y :	60000 psi
Thickness of Pad (t):	2.00 ft	Top Pad Rebar Size #:	7
Tower Leg Center to Center:	10.00 ft	# of Top Pad Rebar:	24
Number of Tower Legs:	3.0 (1 if MP or GT)	Pad Top Steel Area:	14.40 in ²
Tower Center from Mat Center:	0.00 ft	Pier Rebar Size #:	8
Depth Below Ground Surface to Water Table:	3.00 ft	Pier Steel Area (Single Bar):	0.79 in ²
Unit Weight of Concrete:	150.0 pcf	# of Pier Rebar:	10
Unit Weight of Soil Above Water Table:	100.0 pcf	Pier Steel F_y :	60000 psi
Unit Weight of Water:	62.4 pcf	Pier Cage Diameter:	22.0 in
Unit Weight of Soil Below Water Table:	50.0 pcf	Rebar Strain Limit:	0.008
Friction Angle of Uplift:	0.0 Degrees	Steel Elastic Modulus:	29000 ksi
Ultimate Coefficient of Shear Friction:	0.40	Tie Rebar Size #:	3
Ultimate Compressive Bearing Pressure:	3000.0 psf	Tie Steel Area (Single Bar):	0.11 in ²
Ultimate Passive Pressure on Pad Face:	0.0 psf	Tie Spacing:	16 in
$\phi_{\text{Soil and Concrete Weight}}$:	0.9	Tie Steel F_y :	60000 psi
ϕ_{Soil} :	0.75		

Overturning Moment Usage

Design OTM:	975.8 k-ft
OTM Resistance:	2805.1 k-ft
Design OTM / OTM Resistance:	0.35 Result: OK

Soil Bearing Pressure Usage

Net Bearing Pressure:	764 psf
Factored Nominal Bearing Pressure:	2250 psf
Net Bearing Pressure/Factored Nominal Bearing Pressure:	0.34 Result: OK
Load Direction Controlling Design Bearing Pressure:	Diagonal to Pad Edge

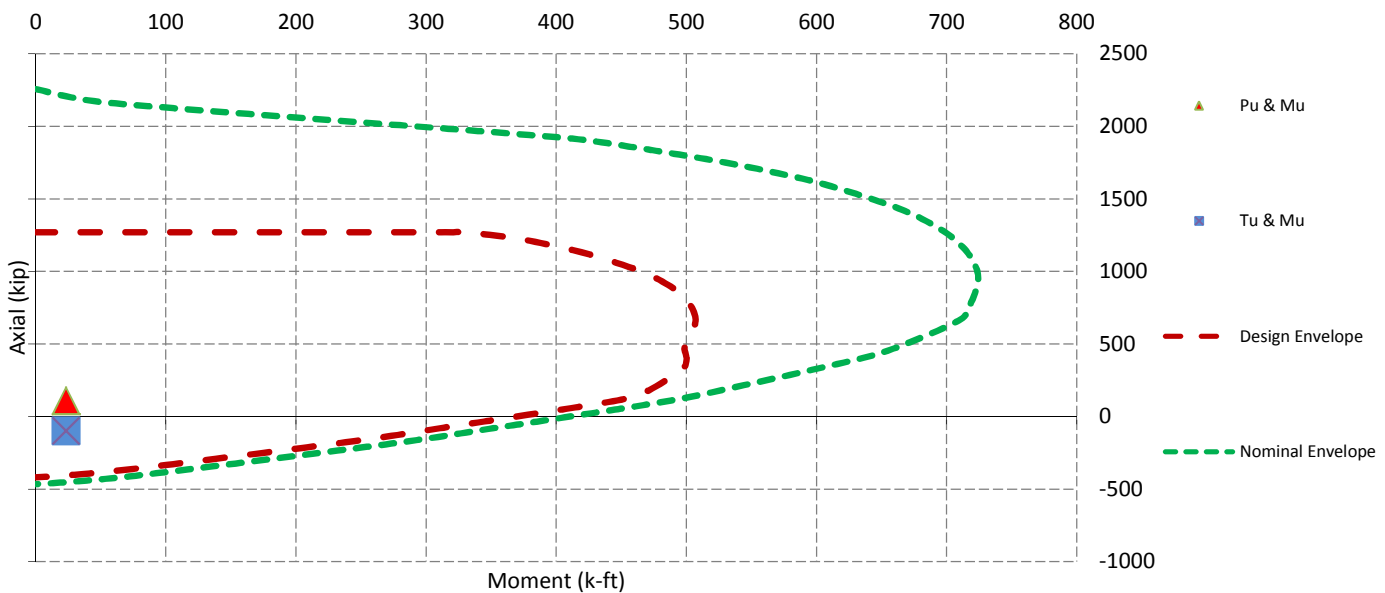
Sliding Factor of Safety

Total Factored Sliding Resistance:	77.9 k
Sliding Design / Sliding Resistance:	0.20 Result: OK

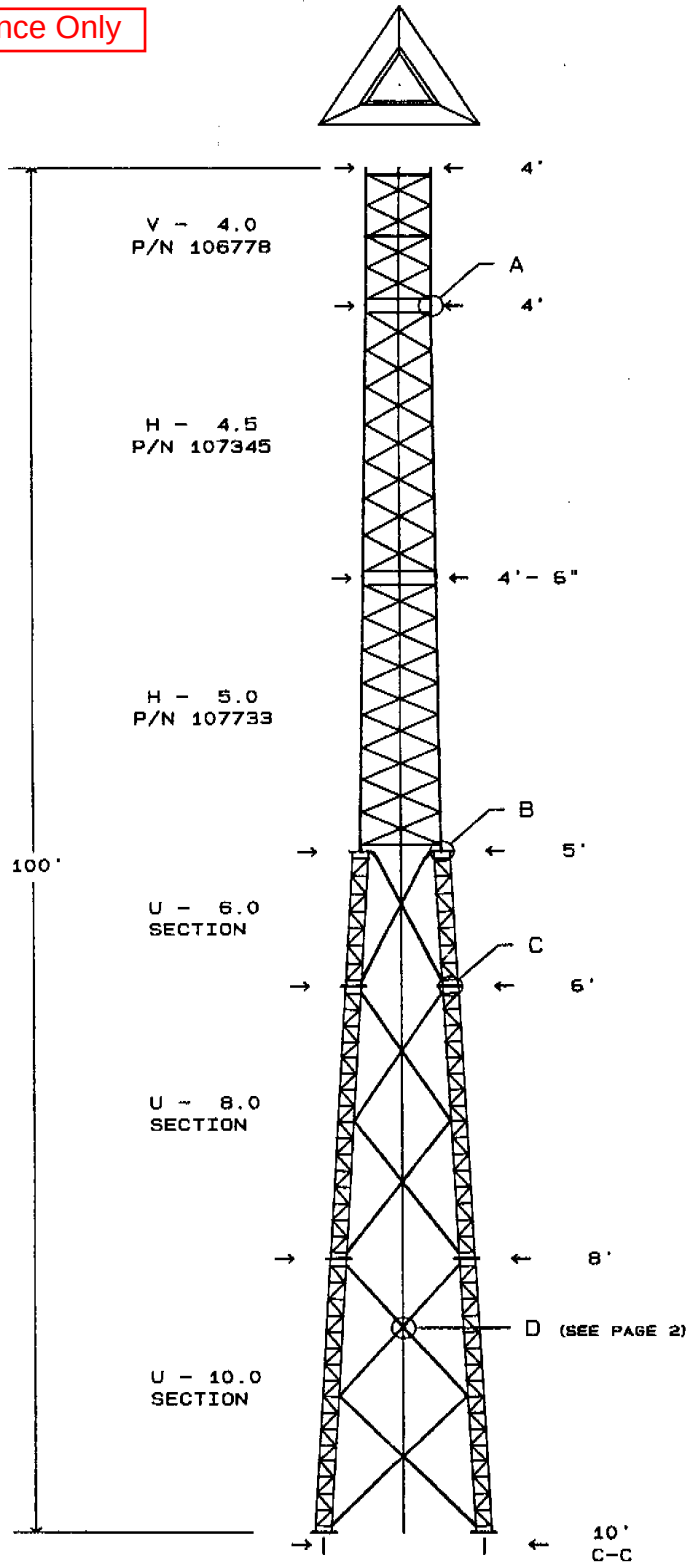
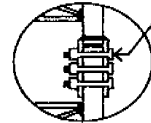
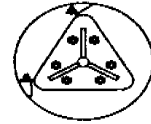
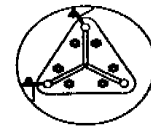
One Way Shear, Flexural Capacity, and Punching Shear

Factored One Way Shear (V_u):	75.3 k
One Way Shear Capacity (ϕV_c):	473.2 k - ACI11.3.1.1
$V_u / \phi V_c$:	0.16 Result: OK
Load Direction Controlling Shear Capacity:	Parallel to Pad Edge
Lower Steel Pad Factored Moment (M_u):	388.0 k-ft
Lower Steel Pad Moment Capacity (ϕM_n):	1263.6 k-ft - ACI10.3
$M_u / \phi M_n$:	0.31 Result: OK
Load Direction Controlling Flexural Capacity:	Parallel to Pad Edge
Upper Steel Pad Factored Moment (M_u):	200.3 k-ft
Upper Steel Pad Moment Capacity (ϕM_n):	1263.6 k-ft
$M_u / \phi M_n$:	0.16 Result: OK
Lower Pad Flexural Reinforcement Ratio:	0.0025 OK - Minimum Reinforcement Ratio Met - ACI10.5.1
Upper Pad Flexural Reinforcement Ratio:	0.0025 OK - Minimum Reinforcement Ratio Met - ACI10.5.1
Lower Pad Reinforcement Spacing:	12 in - Pad Reinforcing Spacing OK - ACI7.12.2.2 & 10.5.4
Upper Pad Reinforcement Spacing:	12 in - Pad Reinforcing Spacing OK - ACI7.12.2.2 & 10.5.4
Factored Punching Shear (V_u):	103.1 k
Nominal Punching Shear Capacity ($\phi_c V_n$):	516.2 k - ACI11.12.2.1
$V_u / \phi V_c$:	0.20 Result: OK
Factored Moment in Pier (M_u):	23.4 k-ft
Pier Moment Capacity (ϕM_n):	384.0 k-ft
$M_u / \phi M_n$:	0.06 Result: OK
Factored Shear in Pier (V_u):	10.4 k
Pier Shear Capacity (ϕV_n):	54.0 k
$V_u / \phi V_c$:	0.19 Result: OK
Pier Shear Reinforcement Ratio:	0.0012 No Ties Necessary for Shear - ACI11.5.6.1
Factored Tension in Pier (T_u):	98.8 k
Pier Tension Capacity (ϕT_n):	426.6 k
$T_u / \phi T_n$:	0.23 Result: OK
Factored Compression in Pier (P_u):	108.6 k
Pier Compression Capacity (ϕP_n):	926.8 k - ACI10.3.6.2
$P_u / \phi P_n$:	0.12 Result: OK
Pier Compression Reinforcement Ratio:	0.011 OK - Reinforcement Ratio Met - ACI10.9.1 & 10.8.4
$M_u / \phi_B M_n + T_u / \phi_T T_n$:	0.29 Result: OK

Nominal and Design Moment Capacity and Factored Design Loads



For Reference Only

A-325 BOLTS
SEE TABLE PAGE 2VIEW A
TYPICAL LEG CONNECTION
FOR FABRICATED SECTIONSVIEW B
LEG CONNECTION AT 50 FT.VIEW C
TYPICAL LEG CONNECTION
FOR BREAKDOWN SECTIONS

CELLULAR ONE

LINCOLN WOOD (SITE # 64)

PART NO.

A-107106

NAME

U 10.0 X 100'

SELF-SUPPORTING TOWER

PI-ROD, INC.

PLYMOUTH, INDIANA 46563

CHG LET DESCRIPTION DATE

APPROVED BY

DR BY

DATE

MBG 15-MAR-89

REG. ENGINEER

SCALE

AS NOTED

REG. NO.

DWG. NO.

(08616.)

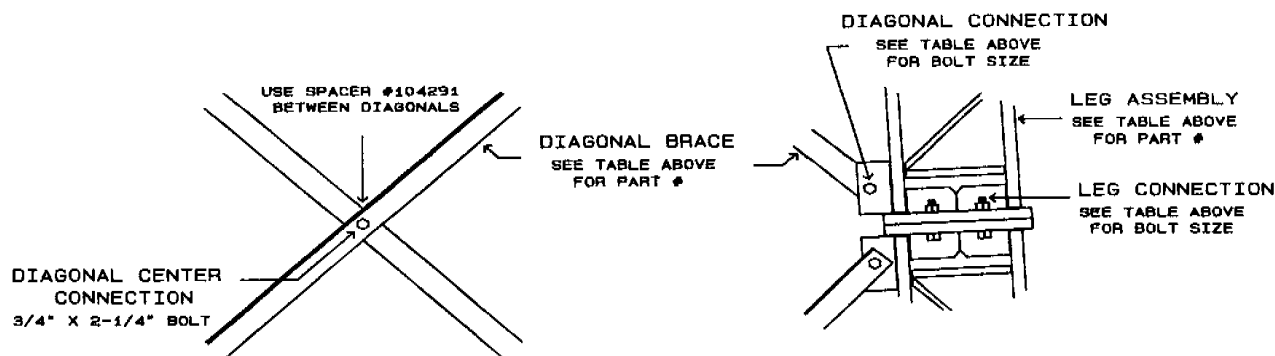
PAGE

113637-B1 OF 3

REVISIONS

FABRICATED SECTION DATA								
SECTION LENGTH	SEC #	SECTION PART#	LEG/WALL SIZE	BRACE SIZE	SECTION WEIGHT	BOLTS AT BOTTOM		
						DIAM	LENGTH	#
10'	V- 4.0	106778	1- 1/2 "	3/4 "	804#	5/8"	4"	12
20'	H- 4.5	107345	1- 3/4 "	3/4 "	945#	5/8"	4-1/2"	15
20'	H- 5.0	107733	2 "	7/8 "	1273#	1 "	3-1/2"	16

BREAKDOWN SECTION DATA (12" LEG)											
SEC #	SECTION LENGTH	LEG SIZE	LEG PART#	TOP DIAG PART#	BOT DIAG PART#	QTY HORIZ	SECTION WEIGHT	LEG CONNECT DIAM	LEG CONNECT LENGTH	DIAG CONNECT DIAM	DIAG CONNECT LENGTH
U- 8.0	10'	1- 1/4"	105244		105557		985#	1 "	3-1/2"	1 "	2-1/4"
U- 8.0	20'	1- 1/4"	105218	105559	105582		1848#	1 "	3-1/2"	1 "	2-1/4"
U-10.0	20'	1- 1/2"	105217	105565	105568		2250#			1 "	2-1/4"



VIEW D

(SEE PAGE 1 FOR VIEW DEFINITION)

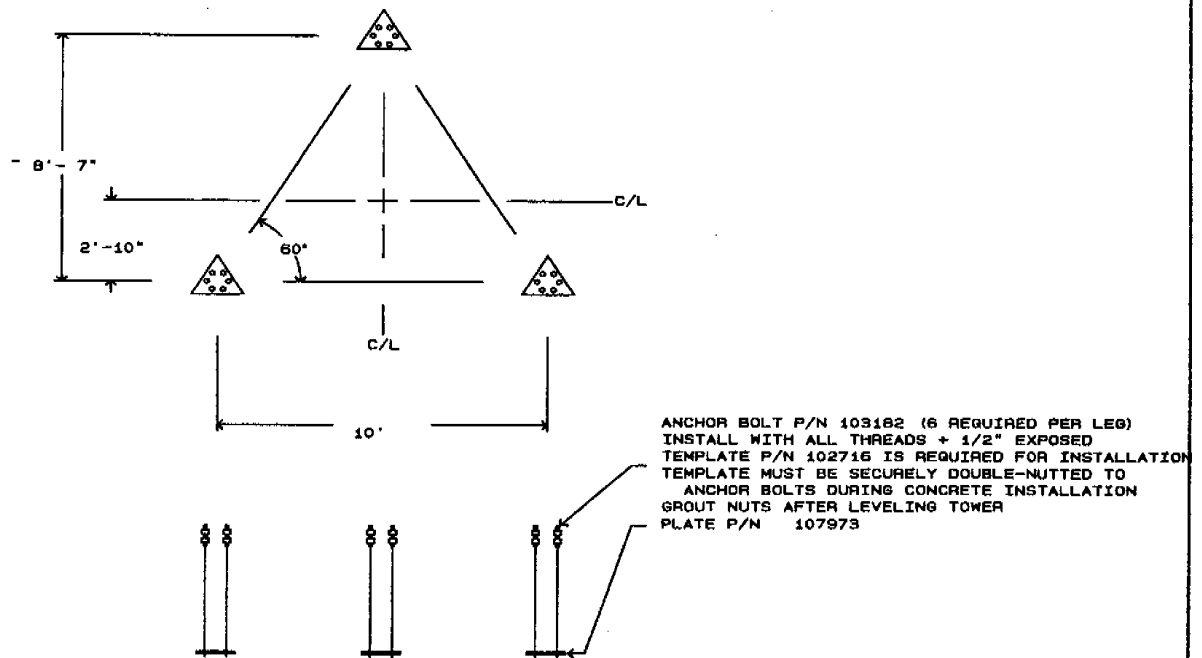
VIEW C

NOTES

1. TOWER DESIGN CONFORMS TO EIA STANDARD RS-222-C FOR 40 PSF WINDLOAD WITH NO ICE.
2. MATERIAL: (A) TOWER MEMBERS 3/4" AND LARGER: $F_y=50,000$ PSI. (B) TOWER MEMBERS LESS THAN 3/4" $F_y=36,000$ PSI.
3. BASE REACTIONS:
TOTAL WEIGHT = 11.6 KIPS. MAXIMUM COMPRESSION = 89.1 KIPS PER LEG.
MOMENT = 738.1 KIP-FT. MAXIMUM UPLIFT = 61.3 KIPS PER LEG.
MAXIMUM SHEAR = 12.5 KIPS TOTAL.
4. FINISH: HOT DIPPED GALVANIZED AFTER FABRICATION.
5. ANTENNAS: THREE- CELLULAR SECTORS AT TOP OF TOWER TWO- 6' SOLID/RADOME AT 95' (FUTURE CAPACITY)
6. MIN. WELDS 1/4" UNLESS OTHERWISE SPECIFIED. ALL WELDING TO CONFORM TO AWS SPECIFICATIONS.
7. EIA GROUNDING FOR TOWER.

			CELLULAR ONE		PART NO.	
			LINCOLN WOOD (SITE #64)		A-107106	
			NAME		PI-ROD, INC.	
			U 10.0 X 100'			
			SELF-SUPPORTING TOWER		PLYMOUTH, INDIANA 46563	
			APPROVED BY			
CHG LET	DESCRIPTION	DATE	DR BY DATE			
			MBG 15-MAR-89			
REVISIONS			REG. ENGINEER		DWG. NO.	
			REG. NO.		(08816.) 113637-B PAGE 2 OF 3	
			SCALE			
			AS NOTED			

For Reference Only



TOWER ANCHOR STEEL PLACEMENT

FOUNDATION NOTES

1. DESIGN REACTIONS: TOTAL WEIGHT = 11.6 KIPS. MAXIMUM COMPRESSION = 89.1 KIPS PER LEG.
 MOMENT = 738.1 KIP-FT. MAXIMUM UPLIFT = 81.3 KIPS PER LEG.
 MAXIMUM SHEAR = 12.5 KIPS TOTAL.
2. FOUNDATION DESIGN BY OTHERS.

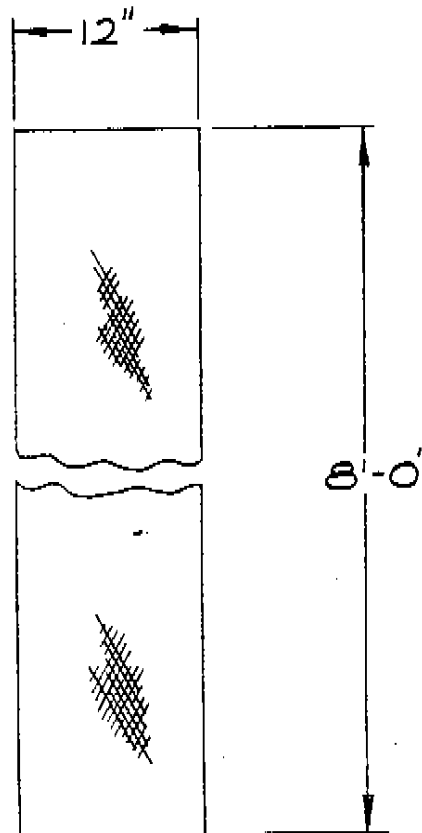
CELLULAR ONE

LINCOLNWOOD (SITE #6A)

PART NO.	A-107106
PI-ROD, INC.	
PLYMOUTH, INDIANA 46563	
DWG. NO.	(08818.) 113637-B
PAGE	3 OF 3

NAME		
U 10.0 X 100'		
BASE FOUNDATION		
APPROVED BY	DR BY	DATE
	MBG	15-MAR-89
REG. ENGINEER	SCALE	
REG. NO.	AS NOTED	
CHG LET	DESCRIPTION	DATE
REVISIONS		

For Reference Only

MATERIAL:

1/2" x 13-15 EXPANDED STEEL
MESH FLATTENED

WEIGHT = 11*

P/N 101247

			NAME ANTI-CLIMB GUARD		PI-ROD TOWER COMPANY, INC. PLYMOUTH, INDIANA 46563	
CHG LET	DESCRIPTION	DATE	APPROVED BY	DR BY <i>Rinkenberg</i>	DATE 11-14-79	
REVISIONS			REG. ENGINEER	SCALE		DWG. NO. 101247-A
			REG. NO.			

PI-ROD INC.
 CELLULAR ONE
 LINCOLNWOOD (SITE #64)
 MODEL : U- 10.0 x 100

JOB # : A-107106 (IV3.24)
 DRW # : 113637-B (IV3.23)

15-MAR-89 08:53:15

REVISION: DATE : INITIALS: DESCRIPTION

A : 3/7/90 : MBG : Added Anti-Climb (PAGE 1)

QUANTITY: PART # : DRAWING# : DESCRIPTION
 + EXTRAS:

: : : OVERALL HT. = 100

ANCHOR STEEL

(4V3

: : 106063-B : INSTALLATION DRAWING

3 : 102716 : : TEMPLATE FOR 1 IN. ANCHOR BOLT (TAPERED TOWER)

3 : 107973 : 107973-A : PLATE--ANCHOR BOLT

3 : 102816 : : 2.0 FT. SPACER FOR TEMPLATE

18 : 103182 : 103182-A : 1 IN. HIGH STRENGTH ANCHOR BOLTS

12 : 7/8 X 3 1/2 IN : A-325 BOLTS W/ LOCKNUTS

: NOTE-- SPACER MAY BE REPLACED BY TWO OR MORE SHORTER SPACERS

18 : 101247 : 101247-A : 12" x 8'-0" Anti-Climb Guard - Tee

: : : WELD AND COLO GALV. AT PI-ROD

CONT'...

CELLULAR ONE
LINCOLNWOOD (SITE #64)
MODEL : U- 10.0 x 100

JOB # :A-107106 (IV3.24)
DRW # :113637-E (IV3.23)

15-MAR-89 08:53:15

REVISION: DATE : INITIALS: DESCRIPTION

QUANTITY:	PART #	:	DRAWING#:	DESCRIPTION
+ EXTRAS:	:	:	:	:

: : : OVERALL HT.= 100

ANCHOR STEEL

- (4V3.24)

: :106063-B : INSTALLATION DRAWING

3 : 102716 : : TEMPLATE FOR 1 IN. ANCHOR BOLT (TAPERED TOWER)

3 : 107973 : 107973-A : PLATE--ANCHOR BOLT

3 : 102816 : : 2.0 FT. SPACER FOR TEMPLATE

18 : 103182 :103182-A : 1 IN. HIGH STRENGTH ANCHOR BOLTS

12 : 7/8 X 3 1/2 IN : A-325 BOLTS W/ LOCKNUTS

: NOTE-- SPACER MAY BE REPLACED BY TWO OR MORE SHORTER SPACERS

CONT⁴ --

For Reference Only

2

LINCOLNWOOD (SHE # 64)

15-MAR-89 08:53:15

QUANTITY: PART # : DRAWING#: DESCRIPTION
 + EXTRAS: :

1 : : : TAPER 10.0-- 8.0 BOTTOM HT.= 0 SECTION U-10.

3 : 105217 :105217-B : 20 FT #12 LEG SECTION - 1.50 " RODS

6 : 105565 :105556-B : DIAGONALS 3/16 x 3 x 3 11 FT. 8 7/32 IN.

6 : 105568 :105556-B : DIAGONALS 3/16 x 3 x 3 12 FT. 3 5/8 IN.

24 + 2 : 1 X 2-1/4 : A-325 BOLTS W/ LOCKNUTS--DIAG CONNECTION

6 + 1 : 3/4 X 2-1/4 : A-325 BOLTS W/ LOCKNUTS ---- DIAGONAL CENTER CONNECTION

6 + 1 : 104291 :104291-A : SPACERS--BRACE DIAGONALS

1 : : : TAPER 8.0---6.0 BOTTOM HT.= 20 SECTION U- 8.

3 : 105216 :105215-B : 20 FT #12 LEG SECTION - 1.25 " RODS

6 : 105559 :105556-B : DIAGONALS 3/16 x 3 x 3 10 FT. 7 9/16 IN.

6 : 105562 :105556-B : DIAGONALS 3/16 x 3 x 3 11 FT. 1 15/32 IN.

18 + 2 : 1 x 3-1/2 : A-325 BOLTS W/ LOCKNUTS--LEG CONNECTION AT BOTTOM

24 + 2 : 1 X 2-1/4 : A-325 BOLTS W/ LOCKNUTS--DIAG CONNECTION

6 + 1 : 3/4 X 2-1/4 : A-325 BOLTS W/ LOCKNUTS ---- DIAGONAL CENTER CONNECTION

6 + 1 : 104291 :104291-A : SPACERS--BRACE DIAGONALS

CONT'---

For Reference Only

3

15-MAR-89 08:53:15

LINCOLN WOOD (SITE # 104)

QUANTITY: PART # : DRAWING# : DESCRIPTION
 EXTRAS: :

1 : : : TAPER 6.0-- 5.0 BOTTOM HT.= 40 SECTION U- 6.

3 : 105244 : 105243-B : 10 FT #12 LEG SECTION - 1.25 " RODS

** 6 : 105557 : 105556-B : DIAGONALS $3\frac{1}{16}$ " x 3" x 3" (10 FT. 2 $\frac{1}{32}$ IN.

18 + 2 : 1 x 3-1/2 : A-325 BOLTS W/ LOCKNUTS--LEG CONNECTION AT BOTTOM

12 + 2 : 1 X 2-1/4 : A-325 BOLTS W/ LOCKNUTS--DIAG CONNECTION

3 + 1 : 3/4 X 2-1/4 : A-325 BOLTS W/ LOCKNUTS ---- DIAGONAL CENTER CONNECTION

3 + 1 : 104291 : 104291-A : SPACERS--BRACE DIAGONALS

: : :

: : :

: : :

: : : TAPER 60-- 54 BOTTOM HSECTION H-5.0

(5V3.24)

1 : 107733 : 107733-B : TAPERED FABRICATED SECTION--2.000 LEGS 0.875 DIAGONALS (20 FT)

18 + 2 : 1 x 3-1/2 : A-325 BOLTS W/ LOCKNUTS --LEG CONNECTION AT BOTTOM

: : :

: : :

: : : TAPER 54-- 48 BOTTOM HSECTION H-4.5

1 : 107345 : 107345-A : TAPERED FABRICATED SECTION--1.750 LEGS 0.750 DIAGONALS (20 FT)

15 + 1 : 5/8 X 4-1/2 : A-325 BOLTS W/ LOCKNUTS --LEG CONNECTION AT BOTTOM

: : :

: : :

: : :

: : :

: : :

: : :

CONT'.

15-MAR-89 08:53:15

LINCOLNWOOD (SITE #64)

QUANTITY: PART # : DRAWING#: DESCRIPTION
 + EXTRAS: : :

: : : NO TAPER (48) BOTTOM SECTION V-4.0

1 : 106778 : 106775-B : STRAIGHT FABRICATED SECTION--1.500 LEGS 0.750 DIAGONALS (10 FT)

12 + 1 : 5/8 X 4 : A-325 BOLTS W/ LOCKNUTS --LEG CONNECTION AT BOTTOM

: : : WELD LIGHTNING ROD HOLDER AT TOP

: : :

: : :

: : :

1 : 101620 : 101620-A : LIGHTNING ROD

---(6V3.24)

2 : : 1/2 IN. : NUTS & LOCKS FOR LIGHTNING ROD

: : :

: : :

: : :

: : :

: : :

BOLT RECAP

60 : 1 x 3-1/2 : A-325 BOLTS W/ LOCKNUTS & PLAIN WASHERS

13 : 5/8 X 4 : A-325 BOLTS W/ LOCKNUTS

16 : 5/8 X 4-1/2 : A-325 BOLTS W/ LOCKNUTS

18 : 3/4 X 2-1/4 : A-325 BOLTS W/ LOCKNUTS & PLAIN WASHERS

66 : 1 X 2-1/4 : A-325 BOLTS W/ LOCKNUTS & PLAIN WASHERS

: : :

: : :

: : :

: : :

: : :

CONT'---

15-MAR-89 08:53:15

LINCOLN WOOD (SITE #64)

QUANTITY: PART # : DRAWING# : DESCRIPTION
 + EXTRAS: : :

1 : :101632-B : ICE BRIDGE ASSEMBLY

1 : 101593 :101593-A : 10 FT. ICE BRIDGE CHANNEL

1 : 101631 :101631-A : BRKT. ICE BRIDGE MOUNTING

1 : 100191 :100191-A : BRKT. ICE BRIDGE

1 : 100151 :100151-A : BUILDING MOUNTING BRACKET

4 : 100064 :100064-A : CLAMPS

4 : 104224 :104224-A : BRACKET, TRANSMISSION LINE (3 FT. SPACING)

4 : 104223 :104223-A : CLAMP BRACKET

2 : : 1/2" x 12" : THREADED ROD W/ LOCKNUTS

1 + 1 : 1/2" x 1 1/2" : A-325 BOLT W/ LOCKNUTS

16 + 4 : 1/2 x 4 : A-325 BOLTS (FULL THREAD) WITH LOCKNUTS

GROUNDING MATERIALS

101650-B : (INSTALLATION DRAWING FOR EIA GROUNDING

3 : : 8 FT. GROUND RODS

3 : 101628 :101628-A : GROUND ROD CLAMPS

3 : 101629 :101629-A : PLATE GROUND CONNECTORS

3 + 1 : 1/2" x 1 1/2" : A-325 BOLT W/ LOCKNUTS AND WASHERS

33 : : #2 COPPER GROUND WIRE

CONT'...

For Reference Only

6

15-MAR-89 08:53:15

LINCOLN WOOD (SITE # 64)

QUANTITY: PART # : DRAWING# : DESCRIPTION
+ EXTRAS:

	111810-B	INSTALLATION OUTSIDE FACE TRANS. BRACKET	
5	112692	112692-A TRANS. LINE LADDER (SNAP)	20 FT.
6	111662	111662-A CLAMP ON TRANS. LINE BRACKET (FAB.)	
6	111663	111663-B CLAMP ON TRANS. LINE BRACKET (KNOCKDOWN)	
24+2	100064	100064-A CLAMP	
32+4	1/2" x 2 1/2"	A-325 BOLT W/ LOCKNUTS	
16+2	1/2" x 4"	A-325 BOLT W/ LOCKNUTS	
24+2	100876	100876-A #011 U-BOLTS	
48+4	5/16"	FLAT WASHERS W/ LOCKNUTS	
3	103531-B	DISH MOUNT ASSEMBLY DRAWING	
3	106118	106118-A 4 1/2" O.D. x 5'-3" PIPE MOUNT	(7V3.28)
6	101619	101619-A 80" CROSSARM MOUNTING BRACKET	
24+2	100064	100064-A CLAMP	
18+2	106114	106114-A BACK PLATE	
6	104379	104379-A SPACER (USE DIRECTLY AT THE PIPEMOUNT/ CROSSARM INTERFACE)	
72+4	1/2" x 5 1/2"	A-325 BOLT W/ LOCKNUTS	
3	108663-B	CELLULAR ANTENNA MOUNTING INSTALLATION	
3	108658	108658-B BRACKET ANTENNA MOUNTING CELLULAR	
6	111716	111716-A BRACKET ANGLE FOR DB-B33A	
9	108675	108675-A BRACE (VERTICAL)	

CONT'...

15-MAR-89 08:53:15

LINCOLNWOOD (SITE #64)

QUANTITY: PART # : DRAWING# : DESCRIPTION
EXTRAS: :

3 : 108677 : 108677-A : BRACKET STRUT MOUNTING

78+4 : 1/2" x 2 1/2" : A-325 BOLT W/ LOCKNUTS

24+2 : 1/2" x 6 1/2" : A-325 BOLT W/ LOCKNUTS

12+2 : 104223 : 104223-A : CLAMP (6 5/8")

3 : 107998 : 105965-A : STABILIZER STRUT (6'-8" LONG)

3+1 : 104701 : 104701-A : CLAMP BRACKET (SPECIAL)

6+1 : 100064 : 100064-A : CLAMP

6+1 : 1/2" x 2 1/2" : A-325 BOLT W/ LOCKNUTS

6+1 : 1/2" x 4" : A-325 BOLT W/ LOCKNUTS

3+1 : 105074 : 105074-B : CLAMP ASSEMBLY ANTENNA STRUT

3+1 : 100064 : 100064-A : CLAMP

6+1 : 1/2" x 4" : A-325 BOLT W/ LOCKNUTS

NOTE: P/N 105074 CONSISTS OF P/N 105075
1/2" x 3" BOLT W/ LOCKNUTS
AND 105076, 1/2" x 1 1/2" BOLT W/ LOCKNUTS

27 : 109907 : 109907-B : ANTENNA ANGLE ADAPTERS - ASSEMBLY AT

P.R.O. WITH 1/2" x 3" BOLT W/ LOCKNUTS

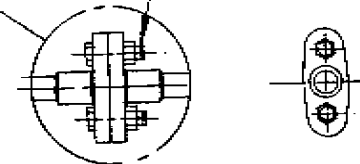
72+3 : 1/4" x 1" : S.S. BOLTS W/ NUTS AND LOCKWASHERS

36+2 : 100876 : 100876-A : #011 U-BOLTS W/ LOCKNUTS

18 : : : (CONDUIT x 1'-6" LONG

(: : : CAN COLD - GALV. FOR TOUCH UP

END


$$\begin{pmatrix} A_1 \\ A_2 \end{pmatrix}$$


TYPICAL CONNECTION

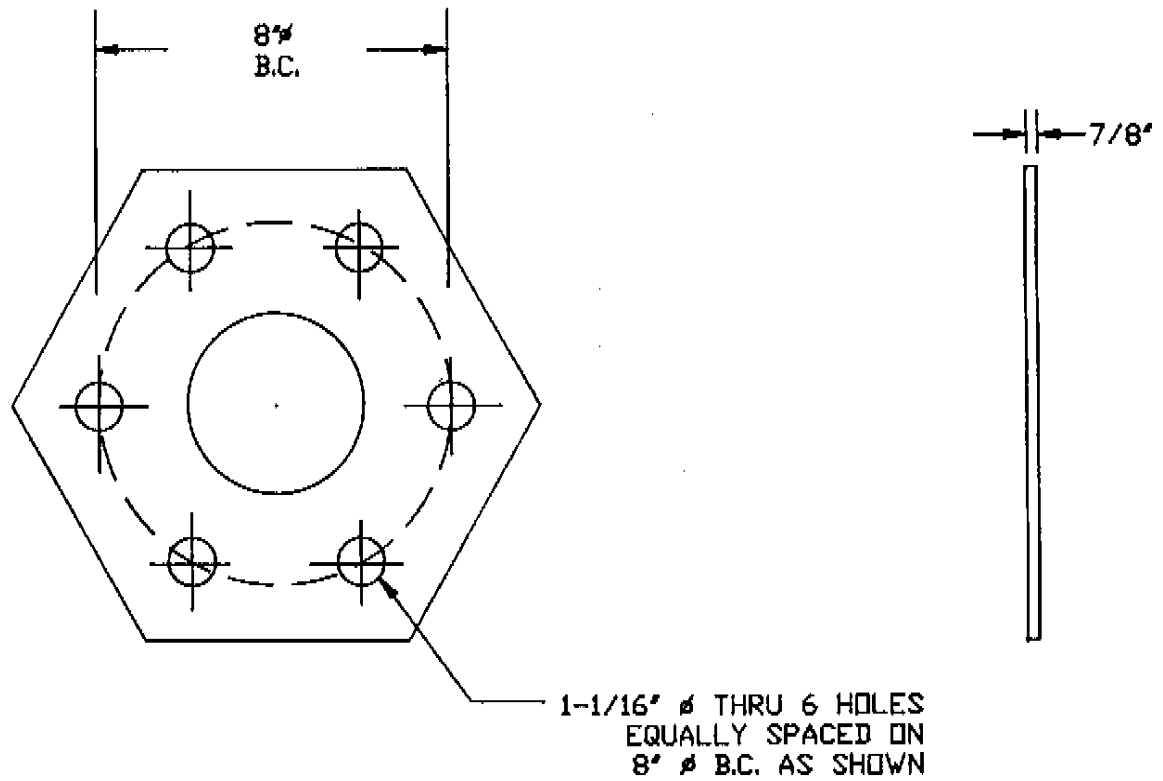
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DWG. NO. 12153

10	2017	2017	2017
11	2017	2017	2017
12	2017	2017	2017

CHG LET	DESCRIPTION	DATE

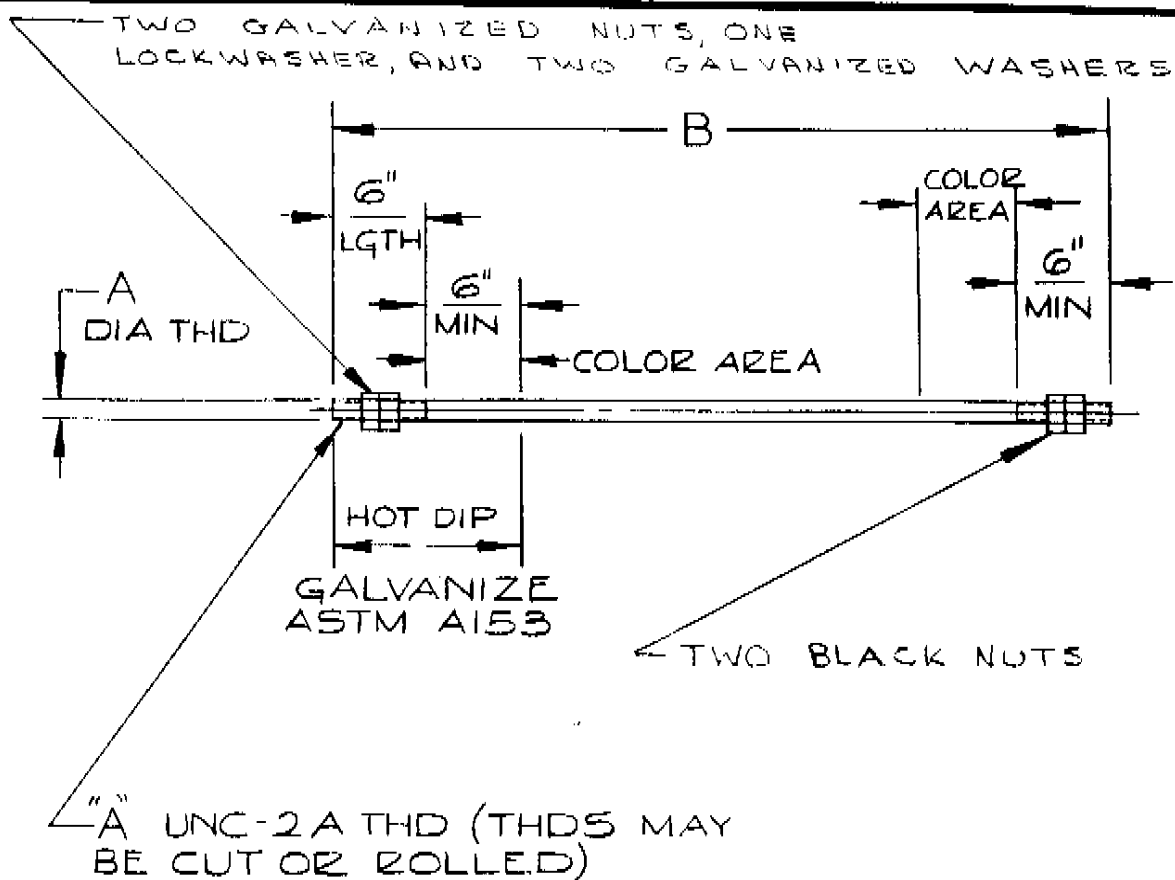
CHG LET	DESCRIPTION	DATE

MATERIAL:

MAKE FROM 107972 BLANK

			PART NO. 107973	
			ANCHOR PLATE # 12 SECTION 1-1/4" ϕ & 1-3/4" ϕ LEGS	
			APPROVED BY	DR. BY DATE ERICHSEN SEPT. 28, 1983
			REG. ENGINEER	SCALE NONE
			REG. NO.	DWG. NO. 107,973-A
CHG LET	DESCRIPTION	DATE		
REVISIONS				

PI-ROD INC.
PLYMOUTH, INDIANA 46363

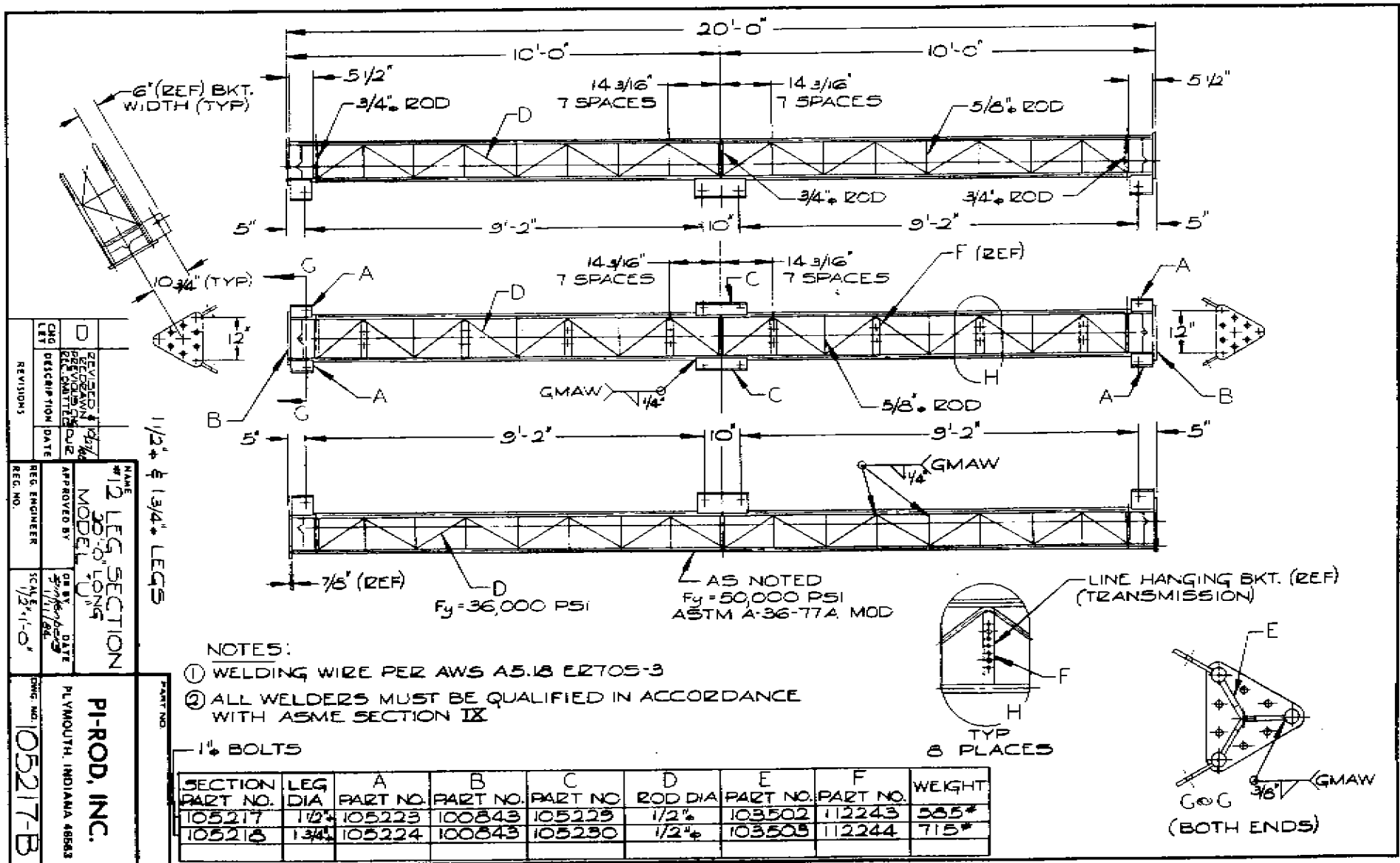


THD SIZE	PART NO.	A	B	CAPACITY	PAINT COLOR
1"-8	103182	1"φ	5'-0"	36.3 KIPS	BLACK & GOLD
1 1/4"-7	103183	1 1/4"φ	5'-0"	58.1 KIPS	PINK & WHITE
1 1/4"-7	109881	1 1/4"φ	6'-8"	58.1 KIPS	PINK & WHITE
1"-8	110986	1"φ	3'-6"	36.3 KIPS	BLACK & GOLD
1 1/4"-7	111965	1 1/4"φ	3'-6"	58.1 KIPS	PINK & WHITE
5/8"-11	112601	5/8"φ	3'-0"	13.5 KIPS	RED & WHITE

MATERIAL:

STRESS PROOF BAR (100,000 MIN. YIELD)
(CERTIFICATION REQD.)

G	ADDED	111965	MUG	10/12/88	PART NO. PI-ROD, INC. PLYMOUTH, INDIANA 48563 DWG. NO. 103182-A
F	REVISED	NOTES	REG	2/3/82	
E	ADDED	110986	DJR	4/14/87	
D	ADDED	COLORS	DJR	4/14/87	
C	ADDED	REDRAWN	DJR	2/23/87	
H	ADDED	112601	DJR	1/10/89	
NAME ANCHOR BOLT BREAKDOWN TOWERS					APPROVED BY OR BY ML A 4/9/82
REG. ENGINEER REG. NO.					
SCALE ~					
DESCRIPTION REVISIONS					DATE 4/9/82



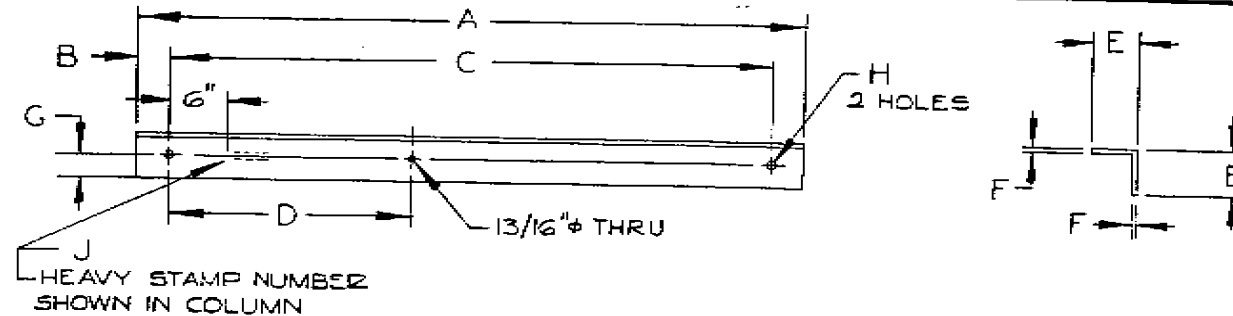
UNING 40-22 57251

NOTE:

ASSEMBLE BRACE TO TOWER
WITH NUMBER END AT TOP

MATERIAL:

A-36 STEEL ANGLE



SECTION NUMBER & LENGTH	BRACE LOCATION	PART NUMBER	A	B	C	D	E	F	G	H	J	WEIGHT
U-12 20'-0"	U-11 UPPER HALF 10'-0"	105570	12'-11 21/32"	2"	12'-7 21/32"	5'-11 27/32"	2 1/2"	3/16"	1 1/8"	1 1/16"	105570	39.6#
		105571	12'-11 21/32"	2"	12'-7 21/32"	5'-11 27/32"	3"	3/16"	1 1/4"	1 1/16"	105571	47.8#
		105572	12'-11 21/32"	2"	12'-7 21/32"	5'-11 27/32"	3"	5/16"	1 1/4"	1 1/16"	105572	78.6#
		111693	12'-11 21/32"	2"	12'-7 21/32"	5'-11 27/32"	3 1/2"	5/16"	1 3/4"	1 1/16"	111693	93.4#
	U-12 LOWER HALF 10'-0"	105573	13'-8 5/32"	2"	13'-4 5/32"	6'-4 9/32"	2 1/2"	3/16"	1 1/8"	1 1/16"	105573	41.7#
		105574	13'-8 5/32"	2"	13'-4 5/32"	6'-4 9/32"	3"	3/16"	1 1/8"	1 1/16"	105574	50.4#
		105575	13'-8 5/32"	2"	13'-4 5/32"	6'-4 9/32"	3"	5/16"	1 1/8"	1 1/16"	105575	82.9#
		111694	13'-8 5/32"	2"	13'-4 5/32"	6'-4 9/32"	3 1/2"	5/16"	1 3/4"	1 1/16"	111694	98.5#
U-14 20'-0"	U-13 UPPER HALF 10'-0"	105576	14'-5 3/32"	2"	14'-1 3/32"	6'-8 15/16"	3"	3/16"	1 1/4"	1 1/16"	105576	53.5#
		105577	14'-5 3/32"	2"	14'-1 3/32"	6'-8 15/16"	3"	5/16"	1 1/4"	1 1/16"	105577	88.0#
		105578	14'-5 3/32"	2"	14'-1 3/32"	6'-8 15/16"	3 1/2"	5/16"	1 3/4"	1 1/16"	105578	103.8#
	U-14 LOWER HALF 10'-0"	105579	15'-2 3/8"	2"	14'-10 3/8"	7'-1 11/16"	3"	3/16"	1 1/4"	1 1/16"	105579	56.4#
		105580	15'-2 3/8"	2"	14'-10 3/8"	7'-1 11/16"	3"	5/16"	1 1/4"	1 1/16"	105580	92.7#
		105581	15'-2 3/8"	2"	14'-10 3/8"	7'-1 11/16"	3 1/2"	5/16"	1 3/4"	1 1/16"	105581	109.4#
U-16 20'-0"	U-15 UPPER HALF 10'-0"	105582	15'-11 31/32"	2"	15'-7 31/32"	7'-6 19/32"	3"	3/16"	1 1/4"	1 1/16"	105582	59.0#
		105583	15'-11 31/32"	2"	15'-7 31/32"	7'-6 19/32"	3"	5/16"	1 1/4"	1 1/16"	105583	97.1#
		105584	15'-11 31/32"	2"	15'-7 31/32"	7'-6 19/32"	4"	1/4"	2"	1 1/16"	105584	105.0#
		105585	15'-11 31/32"	2"	15'-7 31/32"	7'-6 19/32"	4"	3/8"	2"	1 1/16"	105585	156.0#
		105586	15'-11 31/32"	2"	15'-7 31/32"	7'-6 19/32"	3 1/2"	5/16"	1 3/4"	1 1/16"	105586	115.2#
	U-16 LOWER HALF 10'-0"	105587	16'-9 27/32"	2"	16'-5 27/32"	7'-11 5/8"	3"	3/16"	1 1/4"	1 1/16"	105587	62.1#
		105588	16'-9 27/32"	2"	16'-5 27/32"	7'-11 5/8"	3"	5/16"	1 1/4"	1 1/16"	105588	102.1#
		105589	16'-9 27/32"	2"	16'-5 27/32"	7'-11 5/8"	4"	1/4"	2"	1 1/16"	105589	111.0#
		105590	16'-9 27/32"	2"	16'-5 27/32"	7'-11 5/8"	4"	3/8"	2"	1 1/16"	105590	164.8#
		105591	16'-9 27/32"	2"	16'-5 27/32"	7'-11 5/8"	3 1/2"	5/16"	1 3/4"	1 1/16"	105591	121.1#

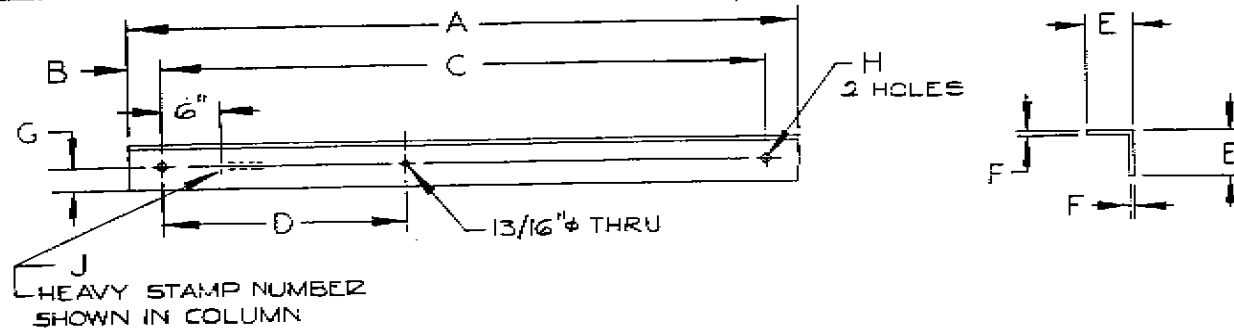
CNG DESCRIPTION DATE	A REVISED BY DATE	B APPROVED BY DATE	NAME BRACE ANGLE MODEL "U"	PART NO.
REC. ENGINEER	APPROVED BY	DATE	PI-ROD, INC.	
SCALE	OR BY	DATE	PLYMOUTH, INDIANA 46663	

NOTE:

ASSEMBLE BRACE TO TOWER
WITH NUMBER END AT TOP

MATERIAL:

A-36 STEEL ANGLE

[illegible]

CHG LET	A	REVISED 1 REDRAWN	DATE 3/29/88

NAME		PI-ROD, INC.	
BRACE ANGLE			
MODEL "U"			
APPROVED BY	OR BY	DATE	
C/E		3/26/74	
DESIGN ENGINEER	SCALE		
DWG. NO.		PLYMOUTH, INDIANA 48562	
INCHES = FEET			

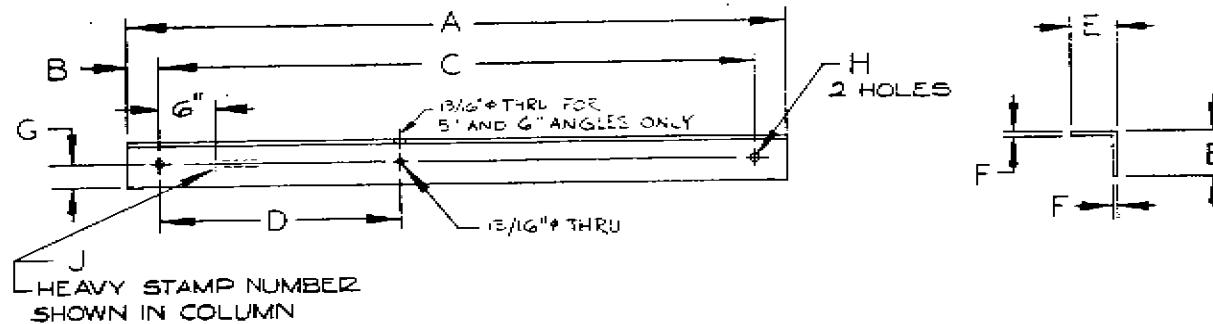
UNING 40-22 57251

NOTE:

ASSEMBLE BRACE TO TOWER
WITH NUMBER END AT TOP

MATERIAL:

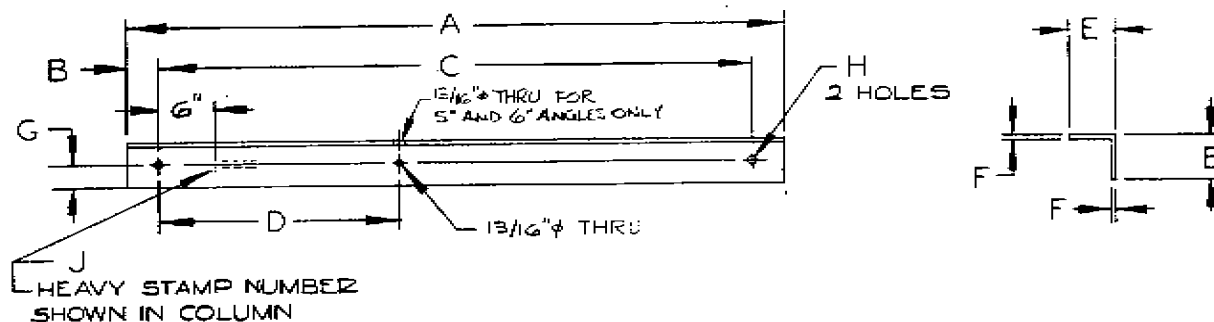
A-36 STEEL ANGLE



SECTION NUMBER & LENGTH	BRACE LOCATION	PART NUMBER	A	B	C	D	E	F	G	H	J	WEIGHT
U-20 20'-0"	U-19 UPPER HALF 10'-0"	105598	19'-8 1/32"	2 1/2	18'-10 1/32"	9'-1 7/8"	3 1/2	5/16	3/4	1 5/16	105598	138.6*
		105599	19'-3 1/32"	2 1/2	18'-10 1/32"	9'-1 7/8"	4"	1/2	2"	1 5/16	105599	127.0*
		105600	19'-3 1/32"	2 1/2	18'-10 1/32"	9'-1 7/8"	4"	3/8	2"	1 5/16	105600	188.6*
		106217	19'-3 1/32"	2 1/2	18'-10 1/32"	9'-1 7/8"	5"	3/8	2 1/2	1 5/16	106217	236.8*
	U-20 LOWER HALF 10'-0"	105601	20'-1 19/32"	2 1/2	19'-8 19/32"	9'-7 3/16"	3 1/2	5/16	1 3/4	1 5/16	105601	145.2*
		105602	20'-1 19/32"	2 1/2	19'-8 19/32"	9'-7 3/16"	4"	1/4	2"	1 5/16	105602	133.1*
U-22 20'-0"	U-21 UPPER HALF 10'-0"	105603	20'-1 19/32"	2 1/2	19'-8 19/32"	9'-7 3/16"	4"	3/8	2"	1 5/16	105603	197.6*
		106218	20'-1 19/32"	2 1/2	19'-8 19/32"	9'-7 3/16"	5"	3/8	2 1/2	1 5/16	106218	247.6*
		105604	21'-0 9/32"	2 1/2	20'-7 9/32"	10'-0 9/16"	4"	1/4	2"	1 5/16	105604	138.6*
		105605	21'-0 9/32"	2 1/2	20'-7 9/32"	10'-0 9/16"	4"	3/8	2"	1 5/16	105605	205.8*
	U-22 LOWER HALF 10'-0"	105606	21'-0 9/32"	2 1/2	20'-7 9/32"	10'-0 9/16"	5"	3/8	2 1/2	1 5/16	105606	258.3*
		105607	21'-11 3/32"	2 1/2	21'-6 3/32"	10'-6"	4"	3/8	2"	1 5/16	105607	144.6*
U-24 20'-0"	U-23 UPPER HALF 10'-0"	105608	21'-11 3/32"	2 1/2	21'-6 3/32"	10'-6"	4"	3/8	2"	1 5/16	105608	214.8*
		105609	21'-11 3/32"	2 1/2	21'-6 3/32"	10'-6"	5"	3/8	2 1/2	1 5/16	105609	259.6*
		105610	22'-10"	2 1/2	22'-5"	10'-11 15/32"	4"	3/8	2"	1 5/16	105610	223.8*
		105611	22'-10"	2 1/2	22'-5"	10'-11 15/32"	5"	3/8	2 1/2	1 5/16	105611	280.8*
	U-24 LOWER HALF 10'-0"	105612	MOVED TO DRAWING #106135-B									
		113422	22'-10"	2 1/2	22'-5"	10'-11 15/32"	4"	1/4	2"	1 5/16	113422	150.7*
		105613	23'-9"	2 1/2	23'-4"	11'-5"	4"	3/8	2"	1 5/16	105613	232.7*
		105614	23'-9"	2 1/2	23'-4"	11'-5"	5"	3/8	2 1/2	1 5/16	105614	292.1*
		105615	MOVED TO DRAWING #106135-B									
		113423	23'-9"	2 1/2	23'-4"	11'-5"	4"	1/4	2"	1 5/16	113423	156.8*

REVISIONS	DATE	BY	DESCRIPTION
	9/9/84	due	REVISED
NAME: BRACE ANGLE MODEL: "U"			
APPROVED BY: _____ DATE: 5/9/84		SCALE: _____	
PLYMOUTH, INDIANA 46663		PART NO: 105598-B	

-36 STEEL ANGLE

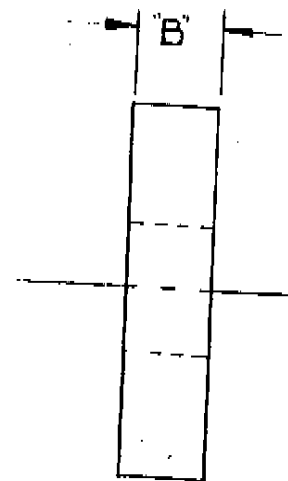
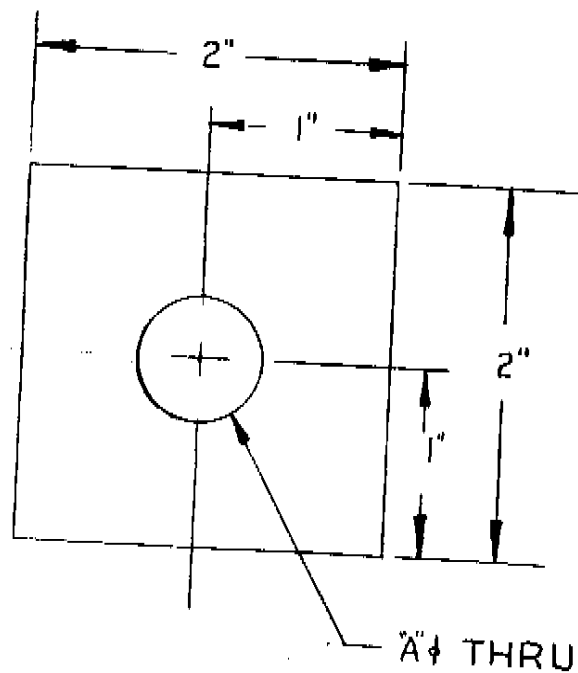


CNS	DESCRIPTION	DATE
B	1069159 1069320 1069321 1069322 ADDED	2/20/87
A	REVISED 4/2/87 DRAWN	5/1/87

MADE IN U.S.A.
BRACE ANGLE
MODEL "U"
APPROVED BY _____
OR BY _____ DATE _____
W.L. 5/29/84

PI-ROD, INC.
PLYMOUTH, INDIANA 46563

[illegible]



MATERIAL:
2" x 2" x 1/2" BAR (STEEL)

PART NO	A DIM.	B DIM.	LOCATION B SERIES	LOCATION M SERIES
104291	13/16" ϕ	1/2" (B)	SECT 13-1 THRU 15-2	
104292	15/16" ϕ	1/2"	SECT 16-1 THRU 18-2	SECT 9-1 THRU 11-2
104293	1 1/16" ϕ	1/2"	SECT 19-1 THRU 22-2	SECT 12-1 THRU 15-2
104294	1 3/16" ϕ	1/2"	SECT 23	SECT 16-1 THRU 18-2
104295	1 5/16" ϕ	1/2"		SECT 19-1 THRU 20-2
104347	1 1/16" ϕ	1"	MH SERIES	

B	104291 WAS 3/8"	MAG 6/8/83
A	104347 WAS ALGIL	7/3/83
CHG LET	DESCRIPTION	DATE

NAME
SPACERS
BRACE ANGLE

APPROVED BY

DR BY

MEC

DATE

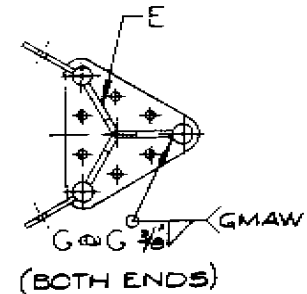
1/31/83

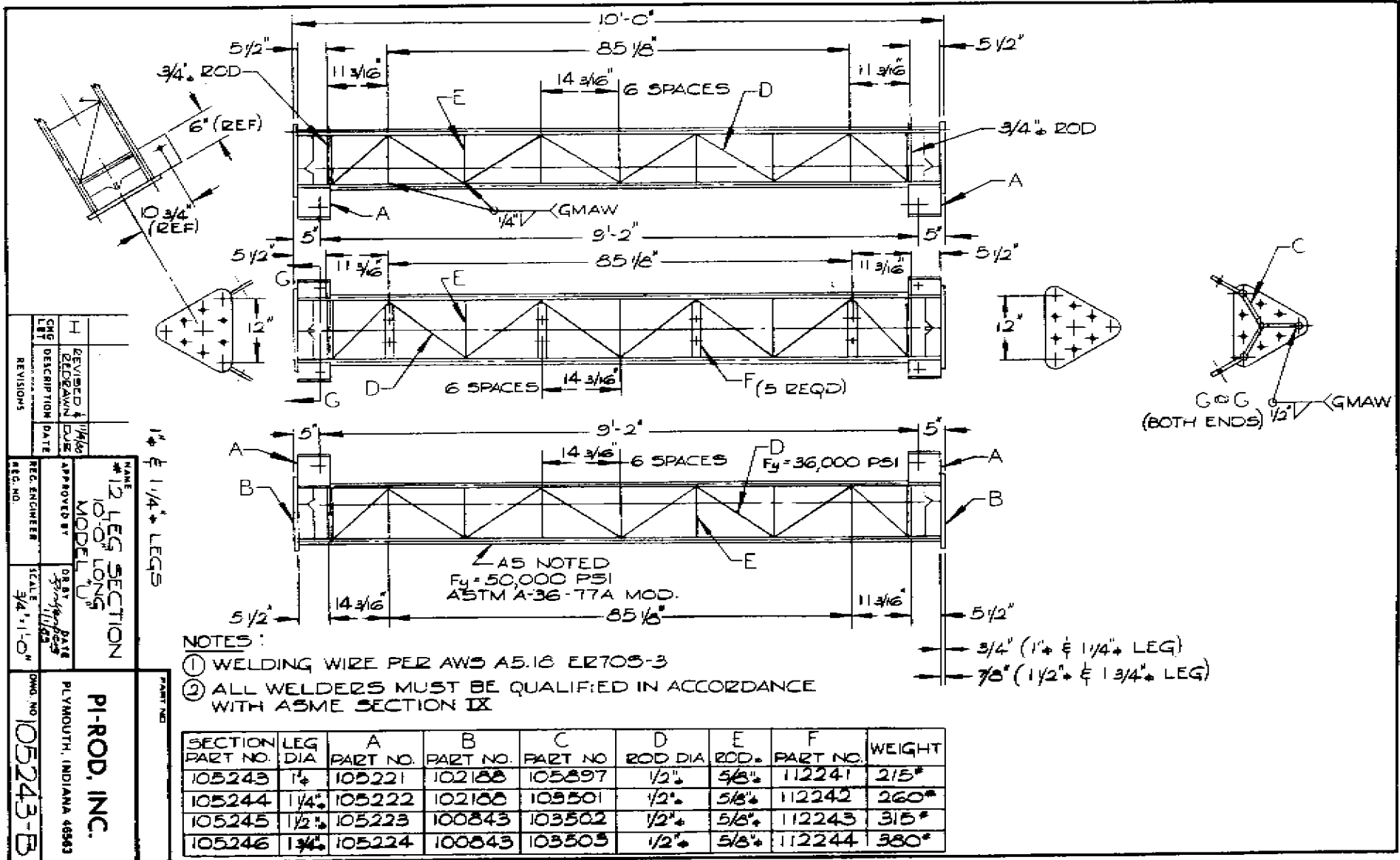
REG ENGINEER

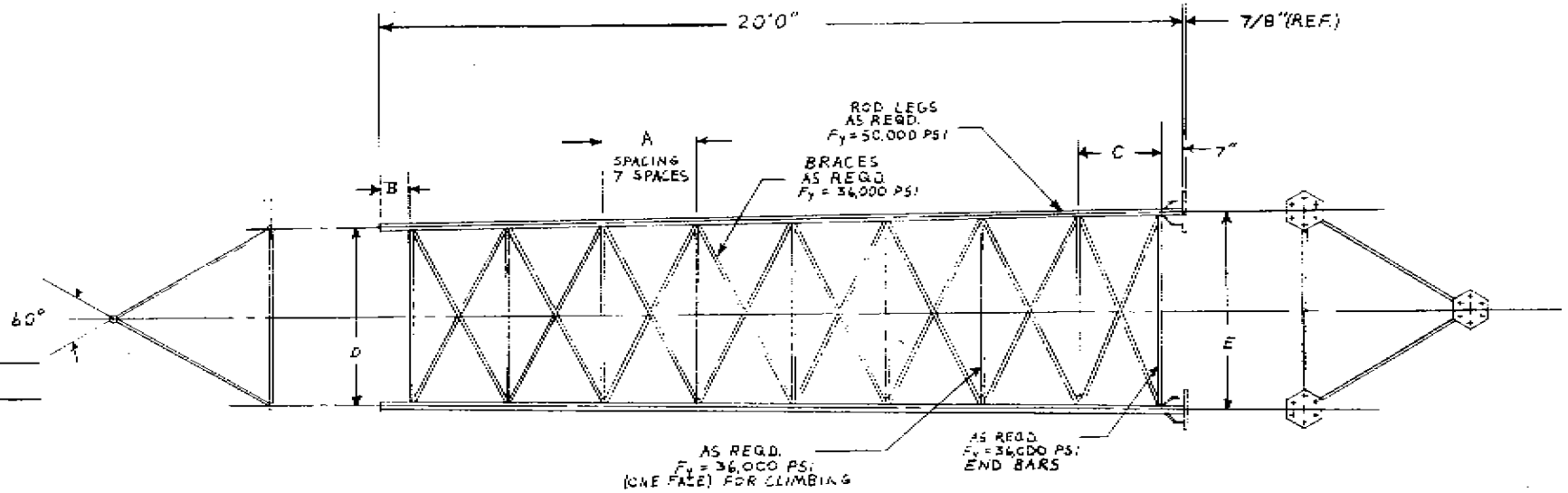
PART NO.

PI-ROD, INC.

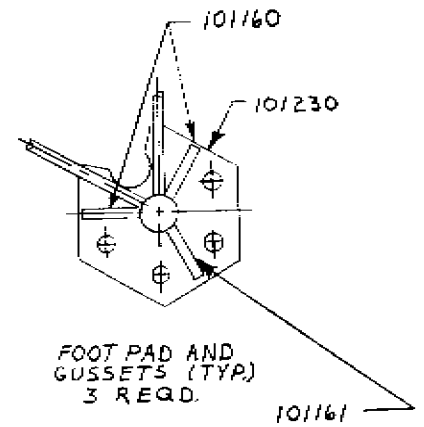
PLYMOUTH, INDIANA 46563



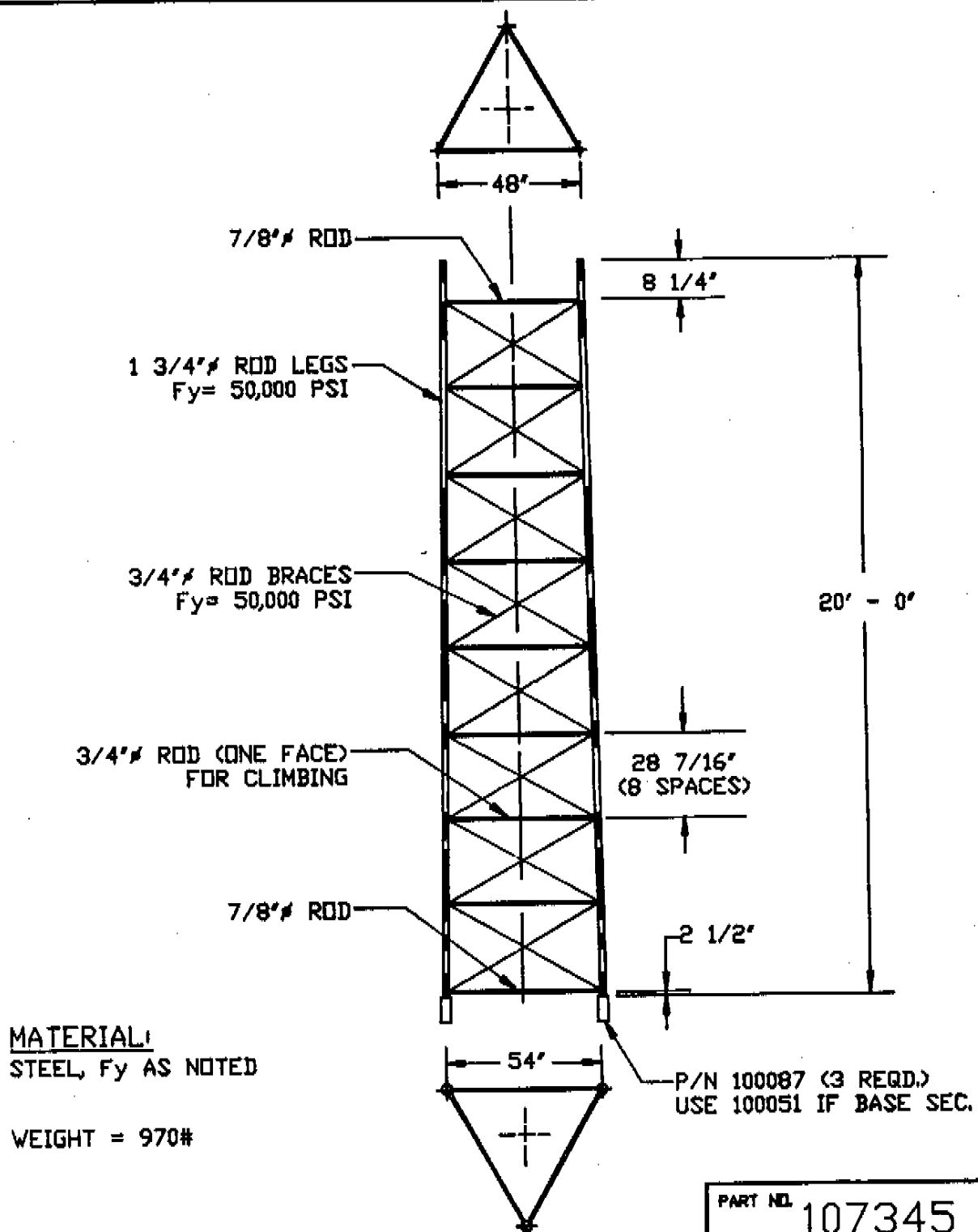




PART NUMBER	BOTTOM WIDTH	LEGS	BRACES LADDERS	END BARS	A	B	C	D	E	WEIGHT
107733	5.0'	2" #	7/8" # 3/4" #	7/8" #	28 7/8"	9"	25"	54"	60"	1350#
107734	6.0'	2 1/4" #	1" # 7/8" #	1" #	28 1/8"	11 1/2"	24 1/2"	66"	72"	1800#
107735	7.0'	2 1/2" #	1 1/8" # 1 1/8" #	1 1/4" #	28"	12"	24 3/8"	78"	84"	2620#
109079	7.0'	3" #	1 1/4" # 1 1/8" #	1 1/4" #	27 1/8"	14"	26 1/8"	78"	84"	3291#



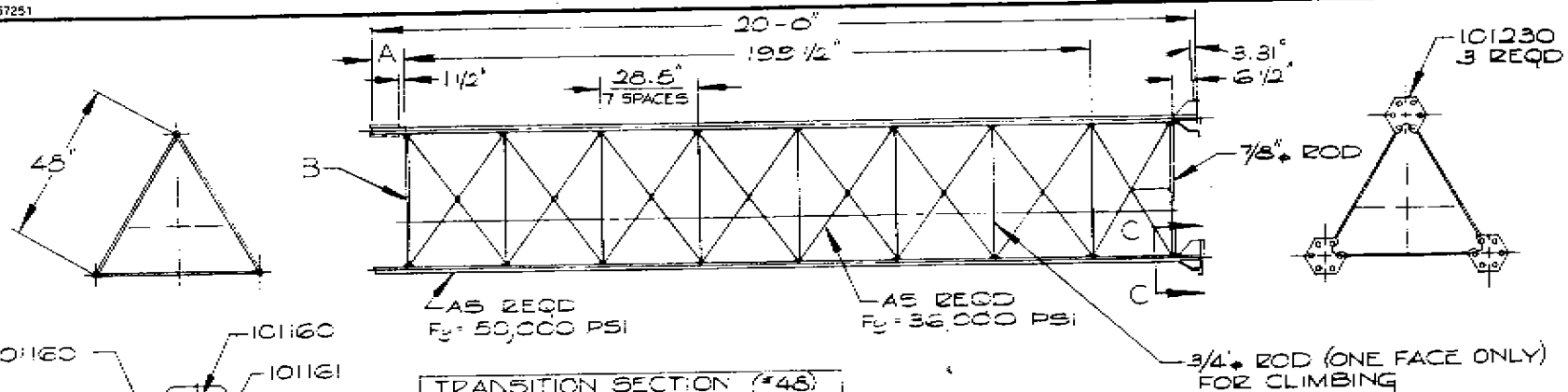
REVISIONS		DATE		BY		APPROVED BY		DATE		SCALE		DWG. NO.	
A	CHANGE FROM	10/10/85	10/10/85	10/10/85	10/10/85	10/10/85	10/10/85	10/10/85	10/10/85	10/10/85	10/10/85	10/10/85	10/10/85
TRANSITION FROM KNOCKDOWN TO FABRICATED SECTION													
PI-ROD, INC.													
PLYMOUTH, INDIANA 46583													
107733-B													



REV	DESCRIPTION	DATE
A	REDRAWN	MBG 6/4/86
REV	DESCRIPTION	DATE
REVISIONS		

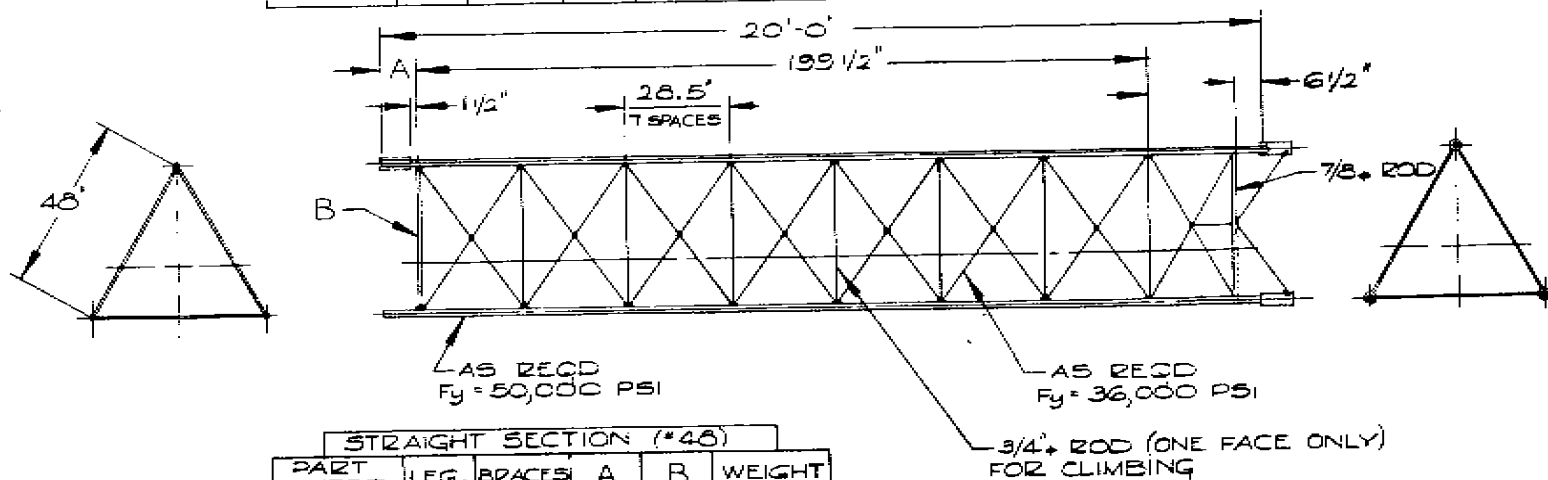
NAME H-4.5 SECTION		
APPROVED BY	DR BY	DATE
REG. ENGINEER	SCALE	1/4" = 12'
REG. NO.		

PART NO.	107345
PI-ROD INC.	
PLYMOUTH, INDIANA 46563	
DWG. NO.	107345-A



TRANSITION SECTION (#48)

PART NUMBER	LEG	BRACES	A	B	WEIGHT
IC6775	1 1/2"	3/4"	6 1/4"	7 7/8"	845*
IC6776	1 3/4"	3/4"	6 1/4"	7 5/8"	985*
IC6777	2"	3/4"	9 1/2"	7 8/9"	1135*

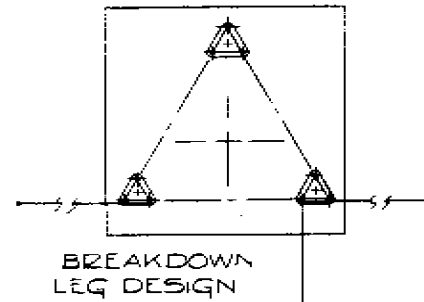
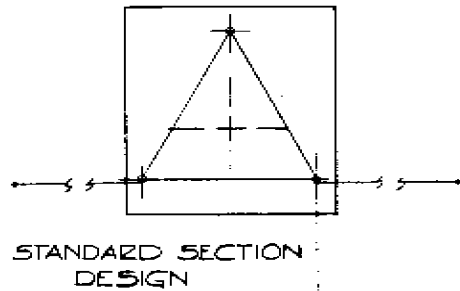


STRAIGHT SECTION (#48)

PART NUMBER	LEG.	BRACES	A	B	WEIGHT
106778	1 1/2"	3/4"	6 1/4"	7 3/8"	775*
106779	1 3/4"	3/4"	6 1/4"	7 3/8"	920*
106780	2"	3/4"	9 1/2"	7 3/8"	1115*

NAME # 48 / 48		PI-ROD, INC.	
SELF SUPPORTING SECTION		PLYMOUTH, INDIANA 46603	
REVISED DATE	APPROVED BY	ON BY DATE	
A		3/17/82	
ENG			
DESCRIPTION	REC. ENGINEER	SCALE	DWG. NO.
REVISIONS	REG. NO.	3/1/82	06775-B





101504
(FACTORY INSTALLED)

101629

1/2" x 1 1/2" BOLT WITH
NUT & LOCKWASHER

#2 BARE COPPER WIRE
10'-0" LONG

5/8" x 8'-0"
GND. ROD
2 REQD

101628
2 REQD
3 REQD FOR BASE OF 5'
OR GREATER

#2 BARE COPPER
WIRE

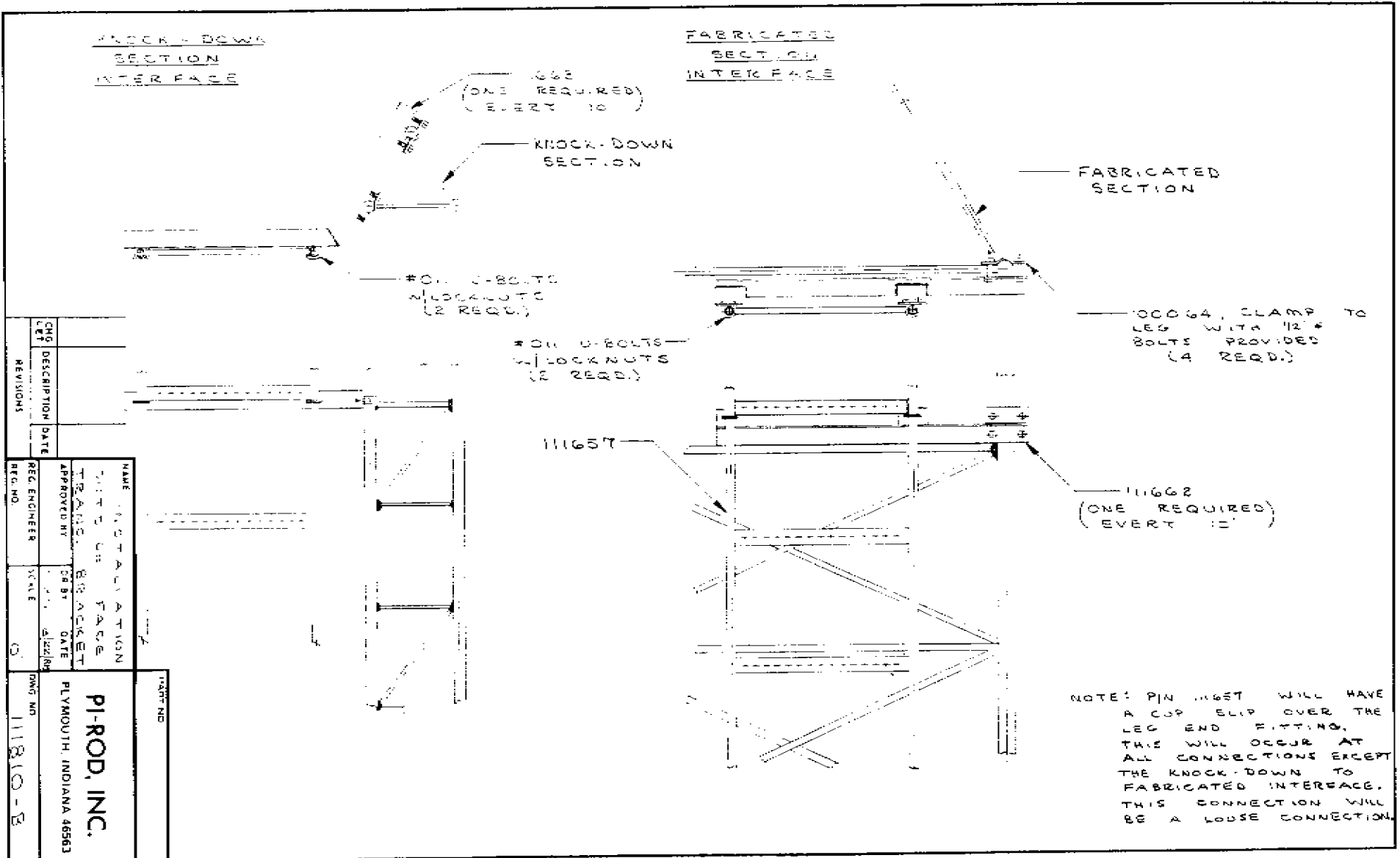
101653
2 REQD

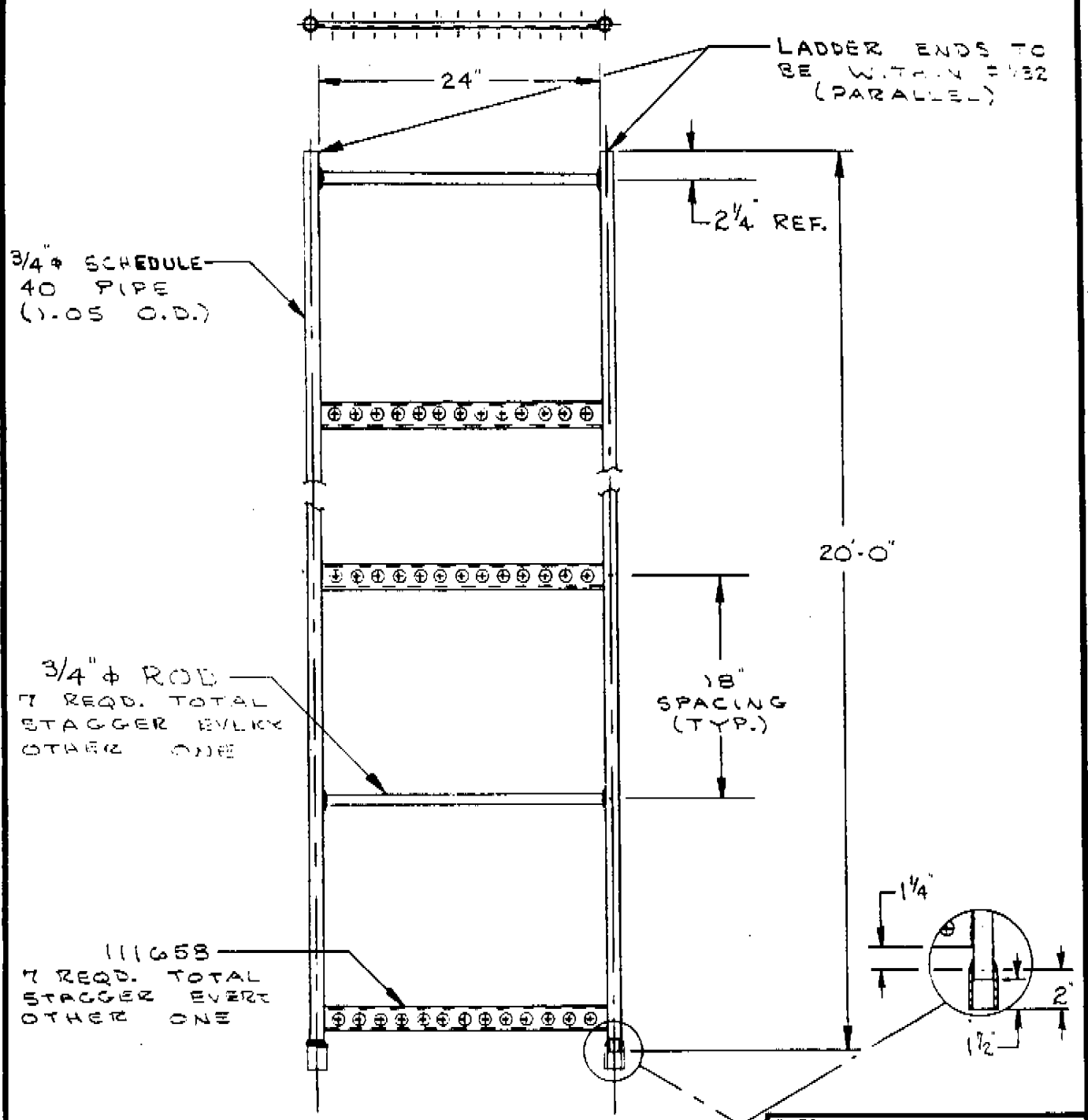
1/2" x 1 1/2" BOLT WITH
NUT & LOCKWASHER

101628
2 REQD

5/8" x 8'-0" GND. ROD
2 REQD

REVISIONS	DATE	BY	DESCRIPTION
	DATE	BY	DESCRIPTION
	DATE	BY	DESCRIPTION
	DATE	BY	DESCRIPTION
NAME: E.L.A. GROUNDING SYSTEM FOR SELF SUPPORTING TOWERS			
DESIGNED BY: [Signature]			
CHECKED BY: [Signature]			
APPROVED BY: [Signature]			
SCALE: 3/4" = 1'-0"			
PART NO. 101650-B			
PI-ROD, INC. PLYMOUTH, INDIANA 46643			



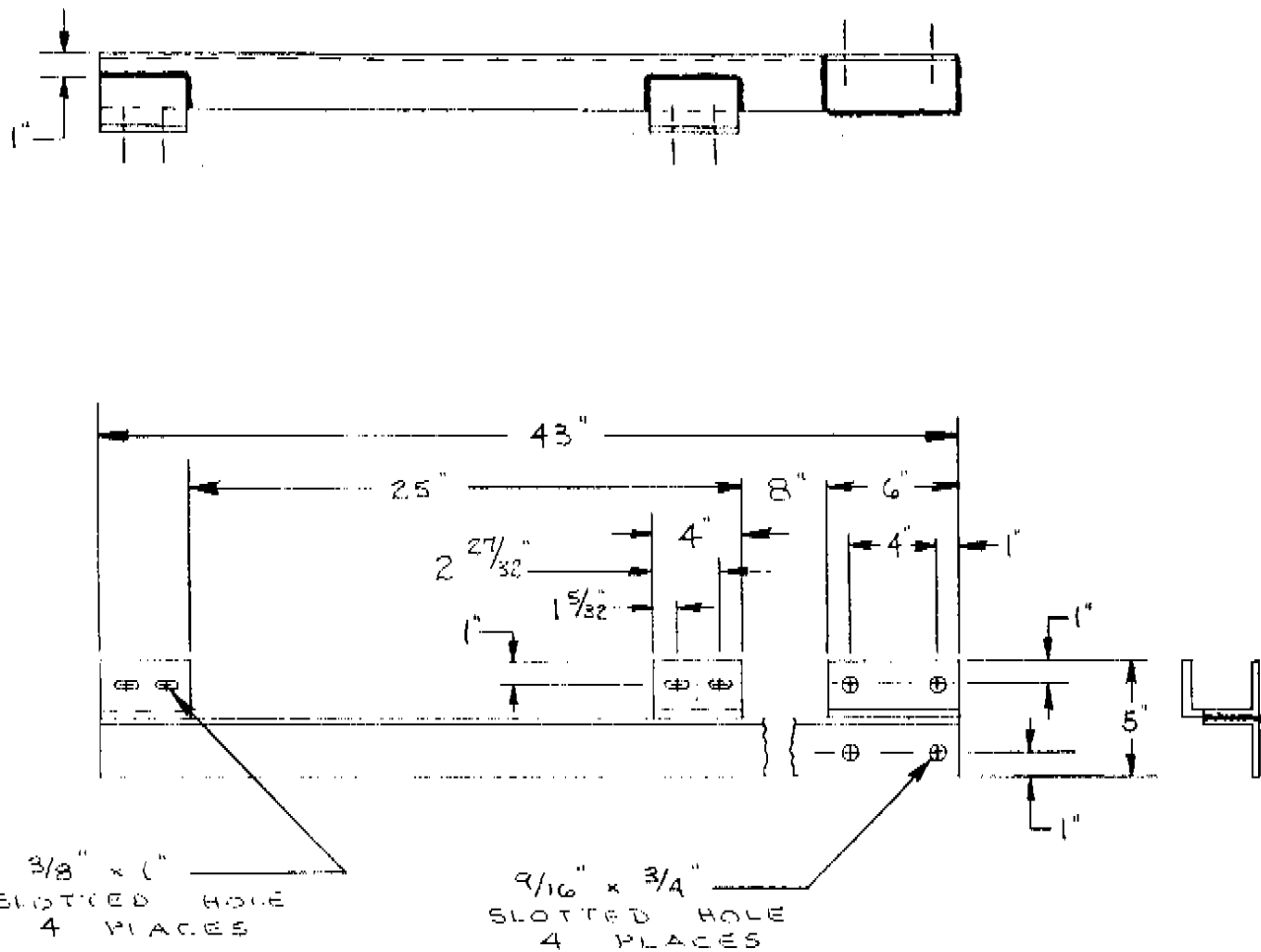


WEIGHT : 37 #

CHG LET	DESCRIPTION	DATE
	REVISIONS	

NAME OUTSIDE FACE LADDER TYPE TRANS. BRACKET (SNAP)		
APPROVED BY	OR BY	DATE
REG. ENGINEER	MBG	2/2/89
REG. NO.	SCALE	
	4	

PART NO.	112692
PI-ROD, INC.	
PLYMOUTH, INDIANA 46563	
DWG. NO.	112692-A

MATERIAL:

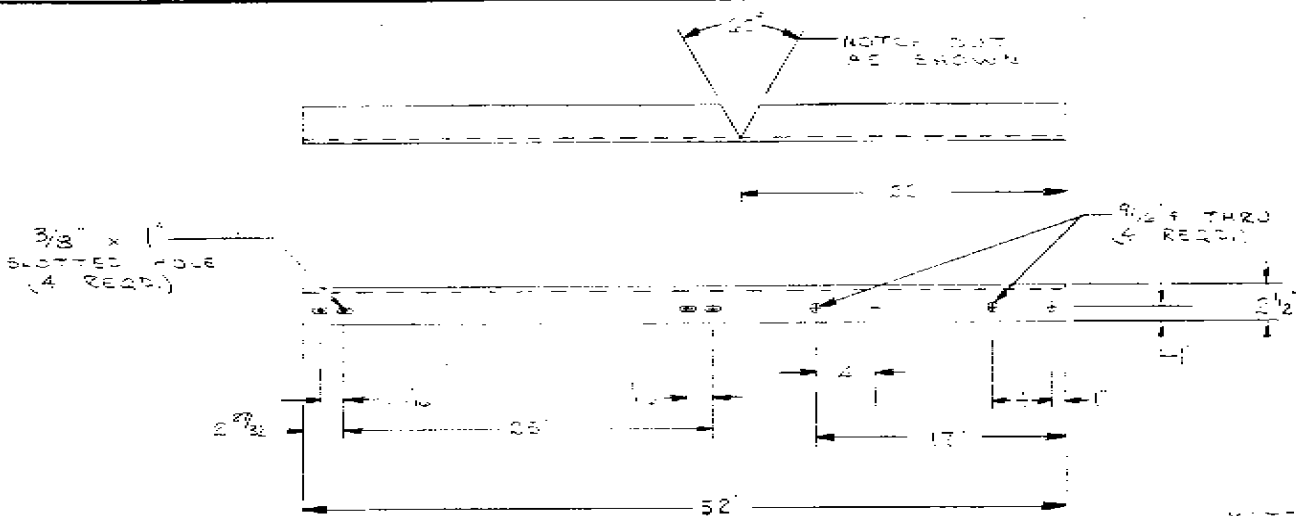
5/16" x 2 1/2" x 2 1/2"

A 36 STEEL ANGLE

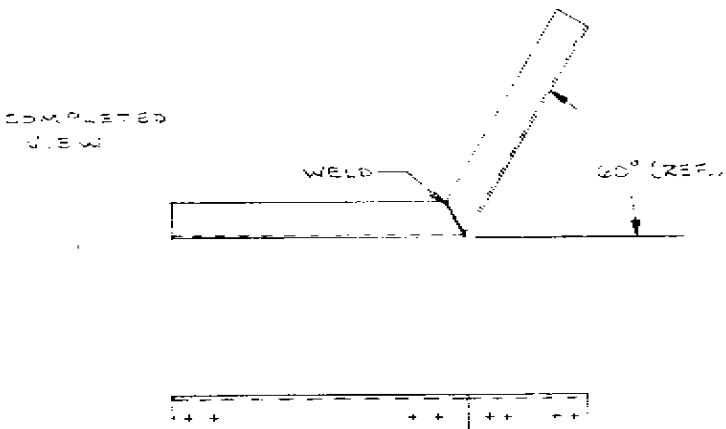
WEIGHT = 24 #

			PART NO.		111662
			NAME		CLAMP ON
			TRANS. LINE		
			BRACKET (FAB. SECT)		
			APPROVED BY	DR BY	DATE
				MBG	7/19/88
			REG. ENGINEER	SCALE	
			REG. NO.	1 1/2" = 1'-0"	
CHG LET	DESCRIPTION	DATE	DWG. NO.		111662-A
REVISIONS					

PI-ROD, INC.
PLYMOUTH, INDIANA 46563



MATERIAL:
 5/16" x 2 1/2" x 2 1/2"
 A-36 STEEL ANGLE
 WEIGHT = 22.5 #

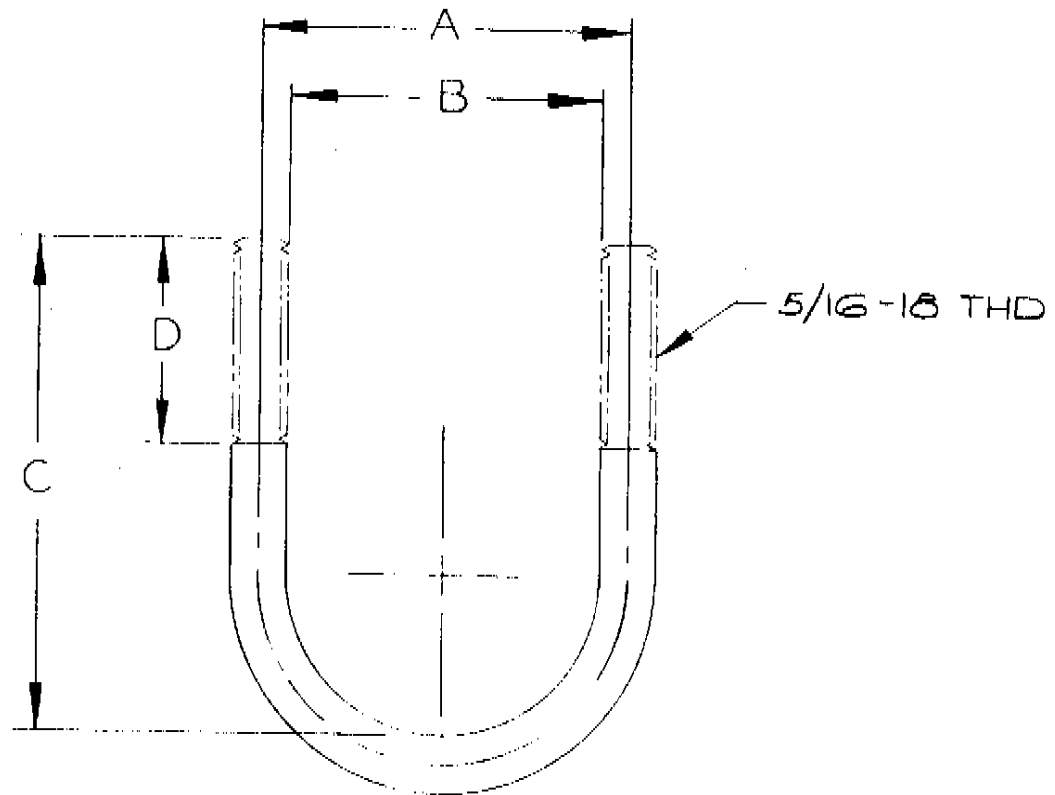


REV	DESCRIPTION	DATE
1	11/1/88	11/1/88
2	11/1/88	11/1/88
3	11/1/88	11/1/88
4	11/1/88	11/1/88
5	11/1/88	11/1/88
6	11/1/88	11/1/88
7	11/1/88	11/1/88
8	11/1/88	11/1/88
9	11/1/88	11/1/88
10	11/1/88	11/1/88
11	11/1/88	11/1/88
12	11/1/88	11/1/88
13	11/1/88	11/1/88
14	11/1/88	11/1/88
15	11/1/88	11/1/88
16	11/1/88	11/1/88
17	11/1/88	11/1/88
18	11/1/88	11/1/88
19	11/1/88	11/1/88
20	11/1/88	11/1/88
21	11/1/88	11/1/88
22	11/1/88	11/1/88
23	11/1/88	11/1/88
24	11/1/88	11/1/88
25	11/1/88	11/1/88
26	11/1/88	11/1/88
27	11/1/88	11/1/88
28	11/1/88	11/1/88
29	11/1/88	11/1/88
30	11/1/88	11/1/88
31	11/1/88	11/1/88
32	11/1/88	11/1/88
33	11/1/88	11/1/88
34	11/1/88	11/1/88
35	11/1/88	11/1/88
36	11/1/88	11/1/88
37	11/1/88	11/1/88
38	11/1/88	11/1/88
39	11/1/88	11/1/88
40	11/1/88	11/1/88
41	11/1/88	11/1/88
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46	11/1/88	11/1/88
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49	11/1/88	11/1/88
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52	11/1/88	11/1/88
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54	11/1/88	11/1/88
55	11/1/88	11/1/88
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57	11/1/88	11/1/88
58	11/1/88	11/1/88
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60	11/1/88	11/1/88
61	11/1/88	11/1/88
62	11/1/88	11/1/88
63	11/1/88	11/1/88
64	11/1/88	11/1/88
65	11/1/88	11/1/88
66	11/1/88	11/1/88
67	11/1/88	11/1/88
68	11/1/88	11/1/88
69	11/1/88	11/1/88
70	11/1/88	11/1/88
71	11/1/88	11/1/88
72	11/1/88	11/1/88
73	11/1/88	11/1/88
74	11/1/88	11/1/88
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79	11/1/88	11/1/88
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85	11/1/88	11/1/88
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87	11/1/88	11/1/88
88	11/1/88	11/1/88
89	11/1/88	11/1/88
90	11/1/88	11/1/88
91	11/1/88	11/1/88
92	11/1/88	11/1/88
93	11/1/88	11/1/88
94	11/1/88	11/1/88
95	11/1/88	11/1/88
96	11/1/88	11/1/88
97	11/1/88	11/1/88
98	11/1/88	11/1/88
99	11/1/88	11/1/88
100	11/1/88	11/1/88

PI-ROD, INC.

PLYMOUTH, INDIANA 46563

1118883



MATERIAL: STAINLESS STEEL TYPE 304

PART NUMBER	A	B	C"	D	CHICAGO HDW. CO. THEIR P/N
100876	1 11/16"	1 3/8"	2 3/16"	1"	011
100878	2 1/16"	1 3/4"	2 11/16"	1 1/8"	013
101862	1 11/16"	1 3/8"	3 5/8"	2"	011L
105883	2 1/16"	1 3/4"	4 1/2"	2"	013L

C	ADDED TYPE 304 TO S.S. MATERIAL	1/13/83
B	MATL. WAS GALVANIZED	2/2/84
A	REDRAWN	3/24/84
	100878	
	101862	
	105883	

CHG LET	DESCRIPTION	DATE
	REVISIONS	

NAME
U-BOLT

APPROVED BY

DR BY DATE

REG. ENGINEER

SCALE

REG. NO.

PART NO.

PI-ROD, INC.

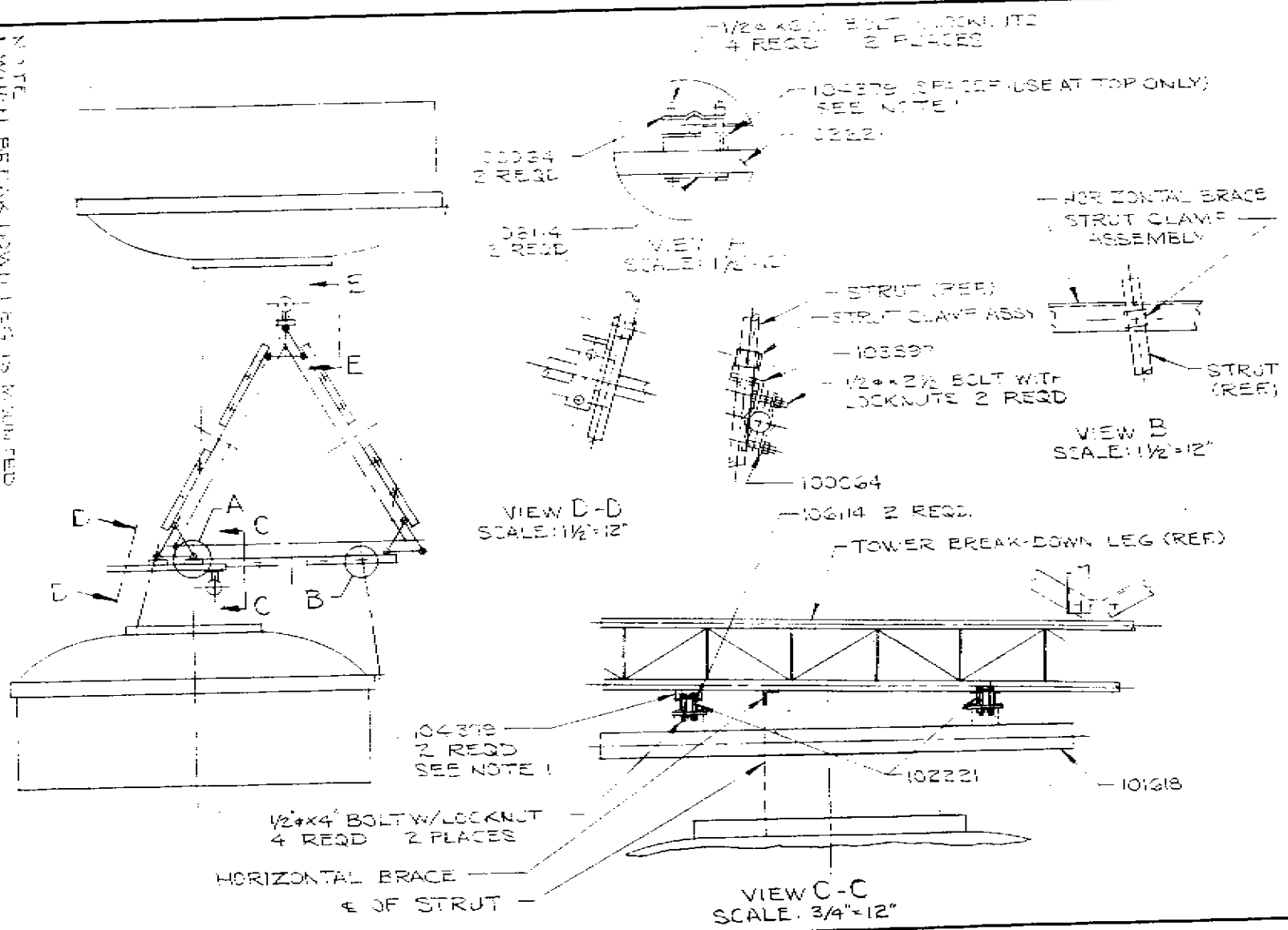
PLYMOUTH, INDIANA 46583

DWG. NO.

100876-A

BUNING 40-22 57251

NOTE
1. WHICH BREAK-DOWN LEG IS INDICATED
TRUE VERTICAL, STRUTTER 104379
IS NOT USED

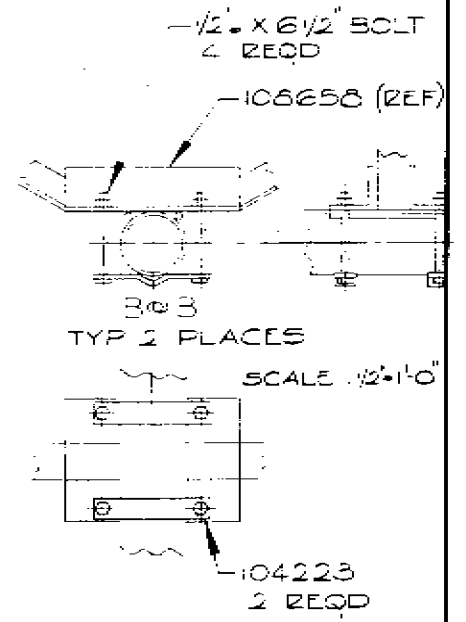
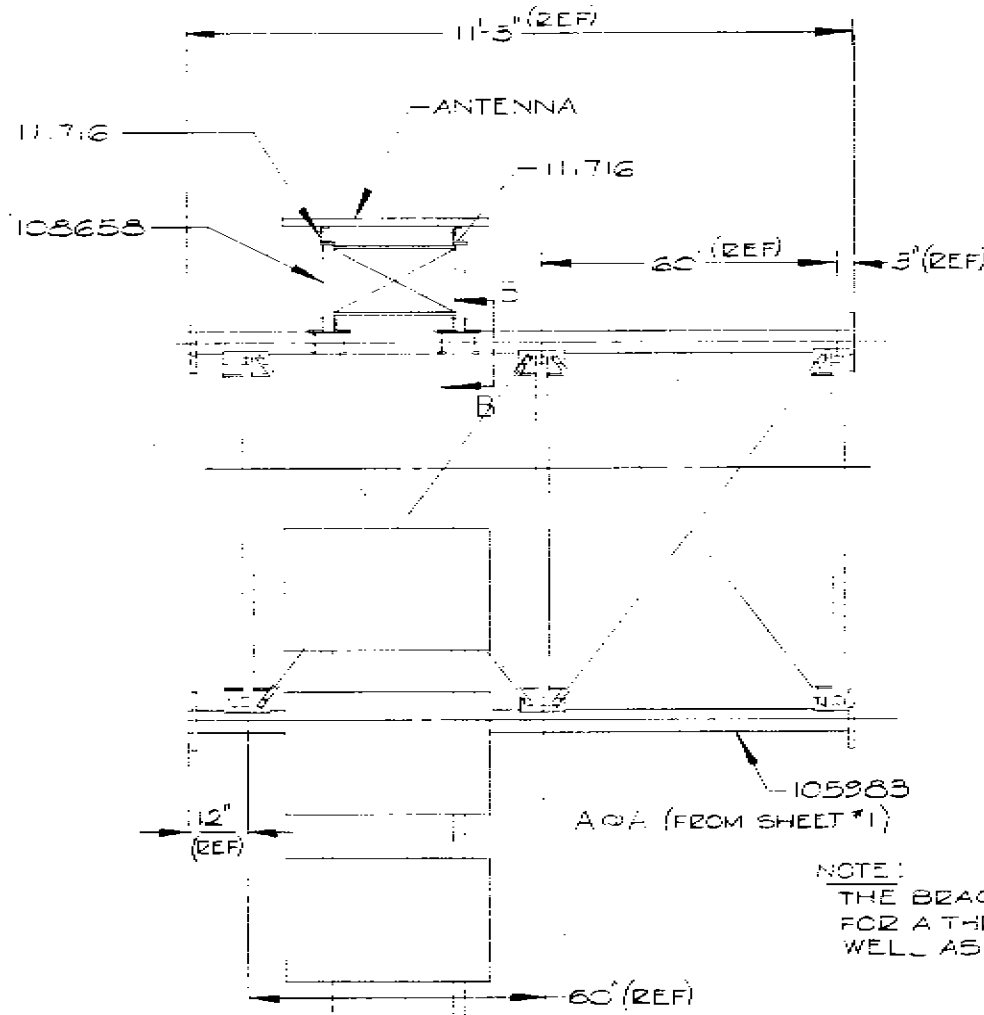


REV	DESCRIPTION	DATE	REV	DESCRIPTION	DATE
1	A	10/1/85	1	A	10/1/85
2	B	10/1/85	2	B	10/1/85
3	C	10/1/85	3	C	10/1/85
4	D	10/1/85	4	D	10/1/85
5	E	10/1/85	5	E	10/1/85

PI-ROD, INC.

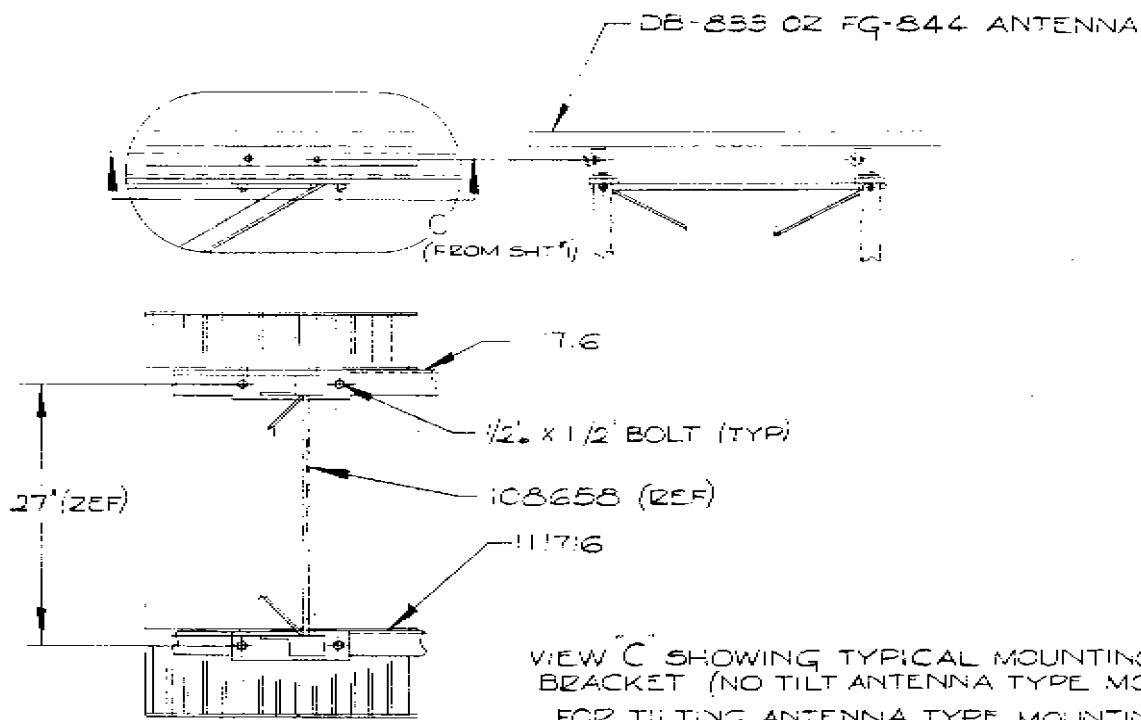
PLYMOUTH, INDIANA 46563

103331-B



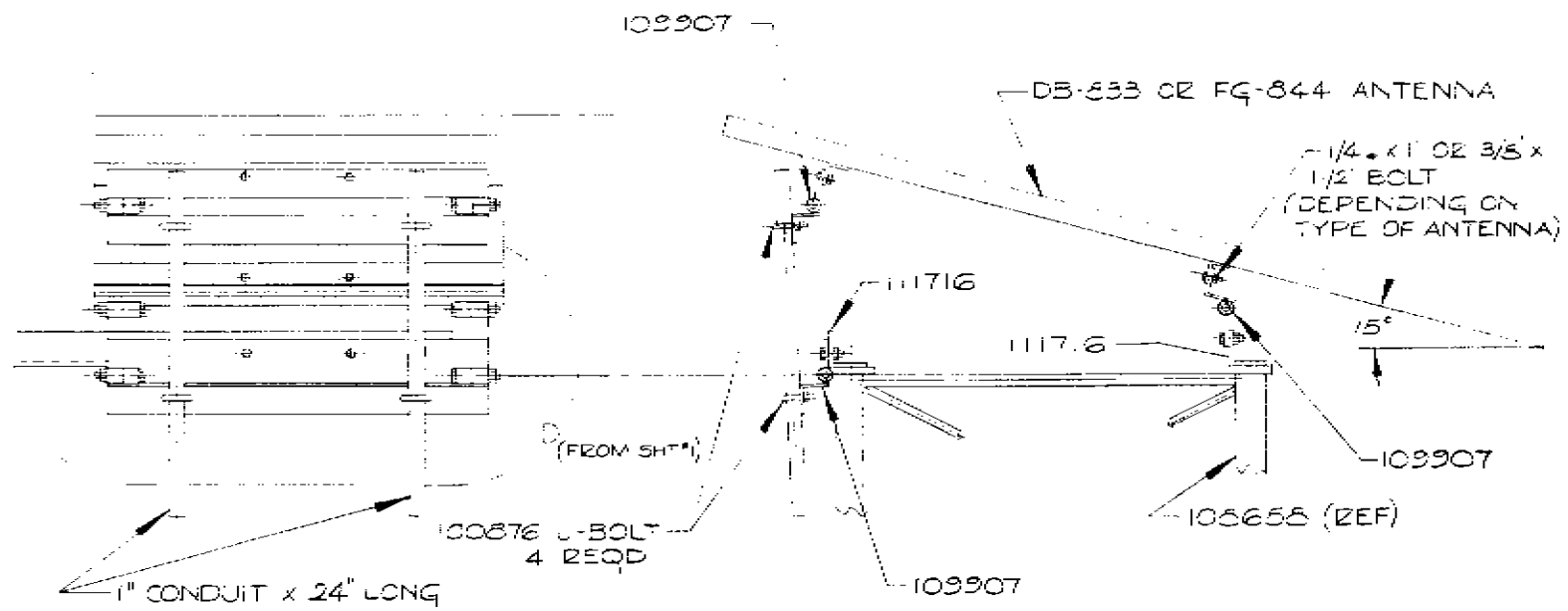
NOTE:
THE BRACKET P/N 111716 IS DESIGNED
FOR A THREE ANTENNA SYSTEM AS
WELL AS THE FOUR ANTENNA SHOWN

REVISIONS		NAME INSTALLATION	
CHG	DESCRIPTION	DATE	DATE
LET			
REV. ENGINEER		DATE	
REC. NO.		DATE	
		12-1-88	
		108663-B	
		PLYMOUTH, INDIANA 46563	
		PI-ROD, INC.	



VIEW C SHOWING TYPICAL MOUNTING OF ANTENNA TO
BRACKET (NO TILT ANTENNA TYPE MOUNTING)
FOR TILTING ANTENNA TYPE MOUNTING SEE SHEET #4

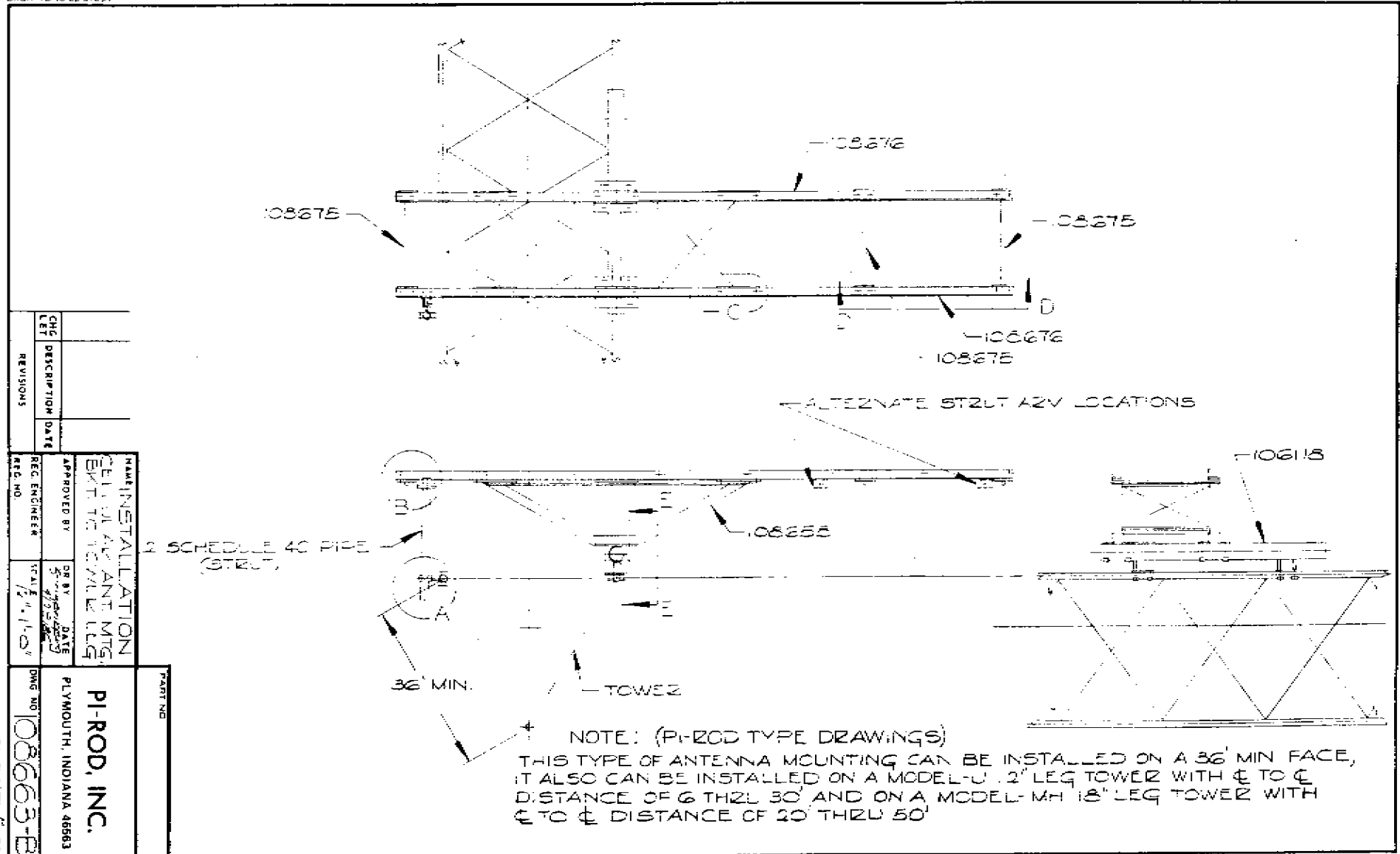
NAME INSULATION		PART NO	
CELLULARE ANTENNA			
CHG	DESCRIPTION	DATE	
LET			
REVISED			
REG. NO.	APPROVED BY	DATE	
		10/15/88	
SCALE 1"=1'-0"			
PI-ROD, INC.		PLYMOUTH, INDIANA 46663	
108663-B			



VIEW D SHOWING A TYPICAL MOUNTING OF ANTENNA TO BRACKET USING HDW BRACKETS ALLOWING THE ANTENNA TO BE MOUNTED WITH A TILT (MAX TILT = 30°)

NAME INSTALLATION		PART NO	
CELLULAR ANTENNA			
APPROVED BY	DATE	PI-ROD, INC.	
REC. ENGINEER	DATE	PLYMOUTH, INDIANA 46563	
REV. NO	REV. DATE	DWG NO 1006663-B	
CHG DESCRIPTION DATE			
REV. NO			

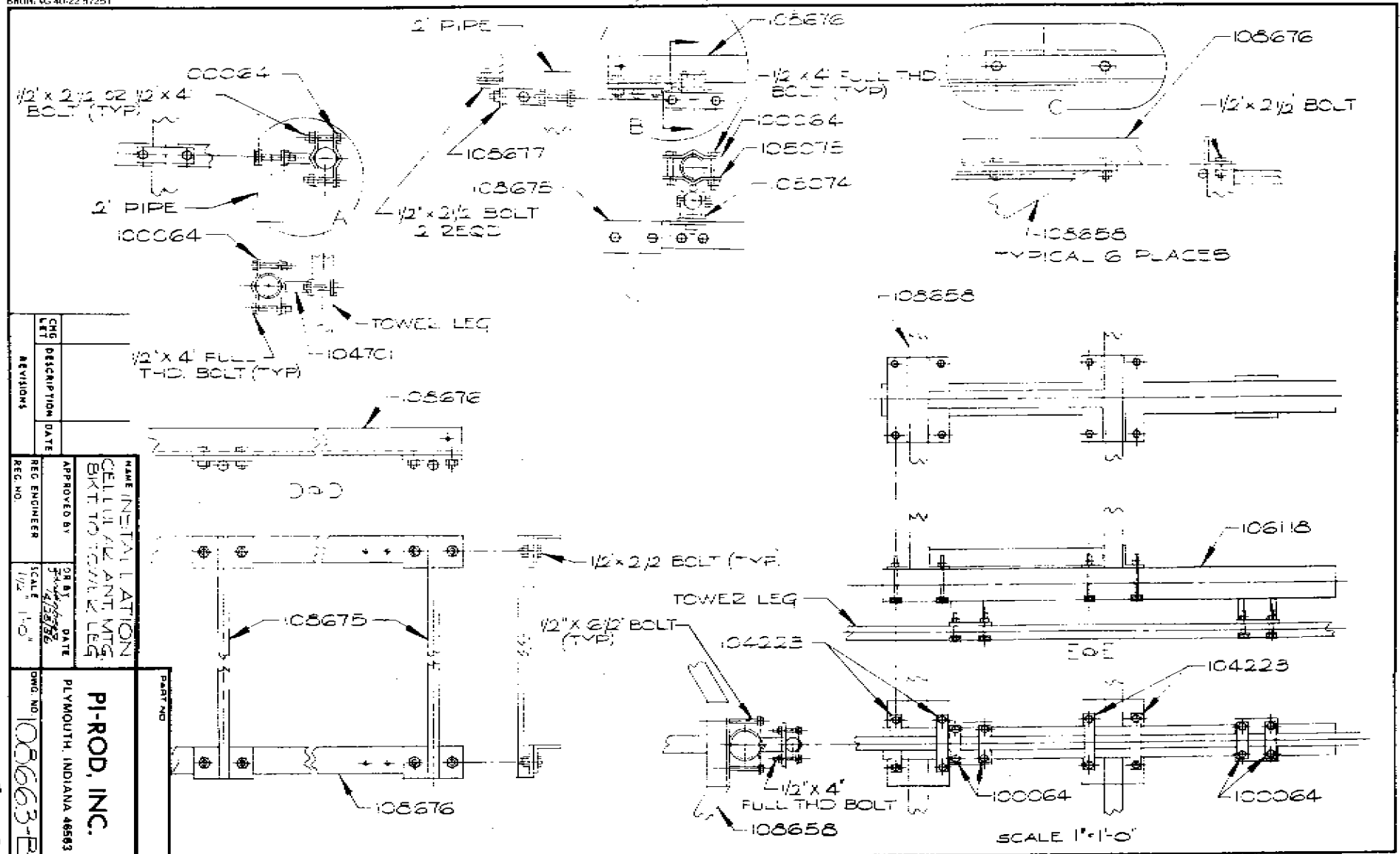
BRUN-VG 40-22 57251



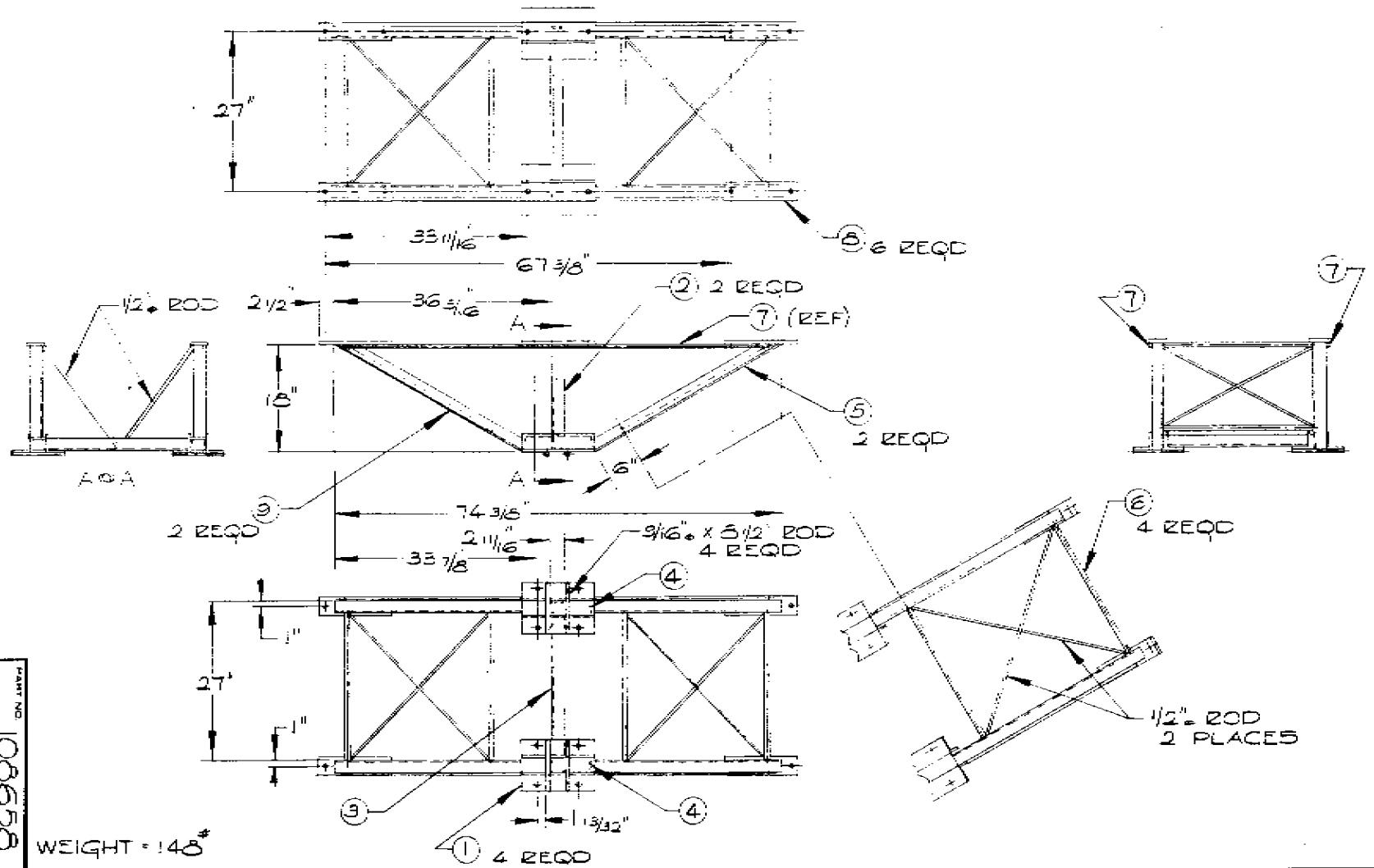
REV	DESCRIPTION	DATE
1	CHG	
2	LET	

NAME	INSTALLATION
BY	CELLULAR ANTENNA MOUNTING
DATE	10/10/83
APPROVED BY	DATE
REG. ENGINEER	10/10/83
SCALE	1/2" = 1'-0"

PART NO.	PI-ROD, INC.
DWG NO.	108663-B
PLANT NO.	PLYMOUTH, INDIANA 46563

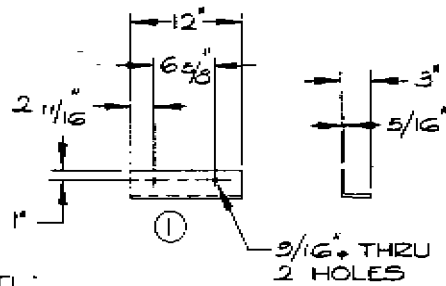


SEE SHEET #2 FOR PART DETAIL DIMENSIONS

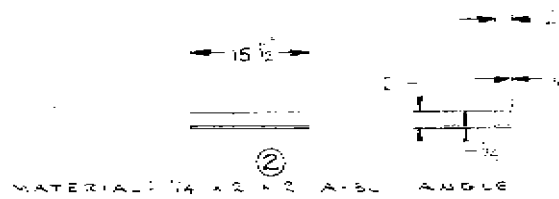


NAME		BACKSET	
ANTENNA MOUNTING		PI-ROD, INC.	
CELLULAR		PLYMOUTH, INDIANA 46563	
DRAWN BY	DATE	DR BY	DATE
RECEIVED	3/4/68	3/4/68	3/4/68
DESCRIPTION	DATE	SCALE	1" = 10"
CMG		DESIGNED BY	
REVISIONS	REV. NO.	REG. ENGINEER	DATE

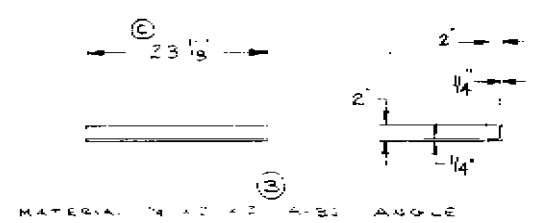
BRUNING 40-22 5725*



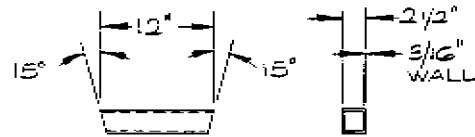
MATL:
3" X 3" X 5/16" STEEL ANGLE



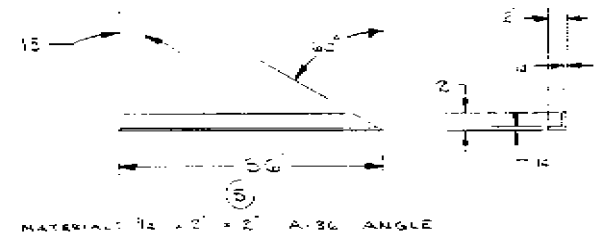
MATERIAL: 1/4" X 2" X 2" A-36 ANGLE



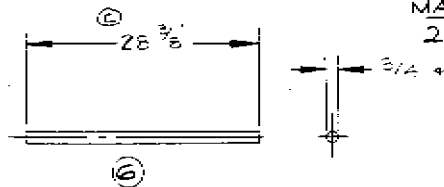
MATERIAL: 1/4" X 2" X 2" A-36 ANGLE



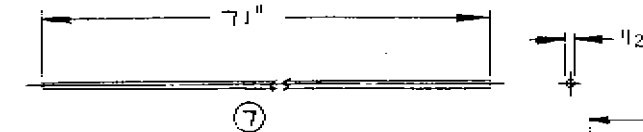
MATL:
2 1/2" X 2 1/2" X 3/16" WALL STEEL TUBING



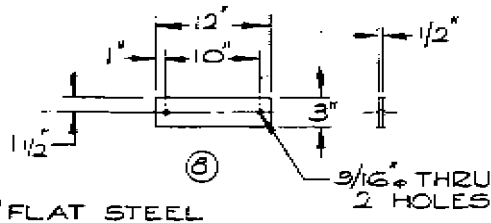
MATERIAL: 1/2" X 2" X 2" A-36 ANGLE



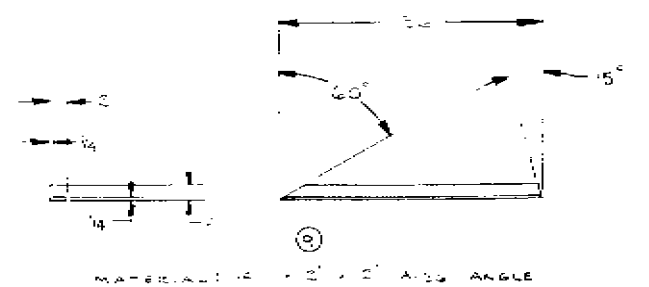
MATL:
A-36 ROD



MATL:
A-36 ROD

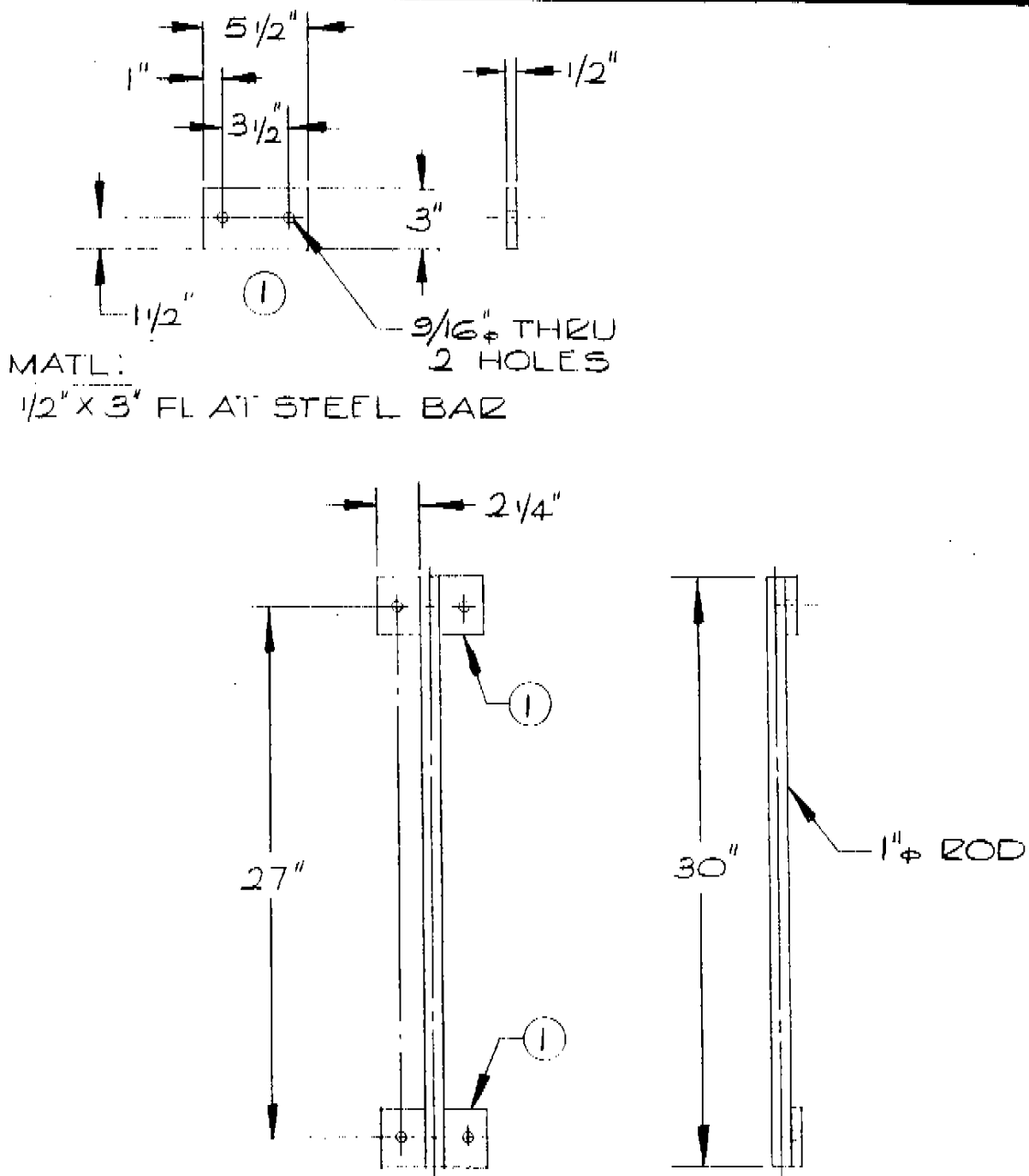


MATL:
1/2" X 3" FLAT STEEL



MATERIAL: 1/2" X 2" X 2" A-36 ANGLE

REV	DESCRIPTION	DATE	NAME	PI-ROD, INC.
0	DETAIL	4/7/8	NAME	PI-ROD, INC.
1	REMOVED	4/7/8	NAME	PI-ROD, INC.
2	REMOVED	4/7/8	NAME	PI-ROD, INC.
3	REMOVED	4/7/8	NAME	PI-ROD, INC.
4	REMOVED	4/7/8	NAME	PI-ROD, INC.
5	REMOVED	4/7/8	NAME	PI-ROD, INC.
6	REMOVED	4/7/8	NAME	PI-ROD, INC.
7	REMOVED	4/7/8	NAME	PI-ROD, INC.
8	REMOVED	4/7/8	NAME	PI-ROD, INC.
9	REMOVED	4/7/8	NAME	PI-ROD, INC.
10	REMOVED	4/7/8	NAME	PI-ROD, INC.
11	REMOVED	4/7/8	NAME	PI-ROD, INC.
12	REMOVED	4/7/8	NAME	PI-ROD, INC.
13	REMOVED	4/7/8	NAME	PI-ROD, INC.
14	REMOVED	4/7/8	NAME	PI-ROD, INC.
15	REMOVED	4/7/8	NAME	PI-ROD, INC.
16	REMOVED	4/7/8	NAME	PI-ROD, INC.
17	REMOVED	4/7/8	NAME	PI-ROD, INC.
18	REMOVED	4/7/8	NAME	PI-ROD, INC.
19	REMOVED	4/7/8	NAME	PI-ROD, INC.
20	REMOVED	4/7/8	NAME	PI-ROD, INC.
21	REMOVED	4/7/8	NAME	PI-ROD, INC.
22	REMOVED	4/7/8	NAME	PI-ROD, INC.
23	REMOVED	4/7/8	NAME	PI-ROD, INC.
24	REMOVED	4/7/8	NAME	PI-ROD, INC.
25	REMOVED	4/7/8	NAME	PI-ROD, INC.
26	REMOVED	4/7/8	NAME	PI-ROD, INC.
27	REMOVED	4/7/8	NAME	PI-ROD, INC.
28	REMOVED	4/7/8	NAME	PI-ROD, INC.
29	REMOVED	4/7/8	NAME	PI-ROD, INC.
30	REMOVED	4/7/8	NAME	PI-ROD, INC.
31	REMOVED	4/7/8	NAME	PI-ROD, INC.
32	REMOVED	4/7/8	NAME	PI-ROD, INC.
33	REMOVED	4/7/8	NAME	PI-ROD, INC.
34	REMOVED	4/7/8	NAME	PI-ROD, INC.
35	REMOVED	4/7/8	NAME	PI-ROD, INC.
36	REMOVED	4/7/8	NAME	PI-ROD, INC.
37	REMOVED	4/7/8	NAME	PI-ROD, INC.
38	REMOVED	4/7/8	NAME	PI-ROD, INC.
39	REMOVED	4/7/8	NAME	PI-ROD, INC.
40	REMOVED	4/7/8	NAME	PI-ROD, INC.
41	REMOVED	4/7/8	NAME	PI-ROD, INC.
42	REMOVED	4/7/8	NAME	PI-ROD, INC.
43	REMOVED	4/7/8	NAME	PI-ROD, INC.
44	REMOVED	4/7/8	NAME	PI-ROD, INC.
45	REMOVED	4/7/8	NAME	PI-ROD, INC.
46	REMOVED	4/7/8	NAME	PI-ROD, INC.
47	REMOVED	4/7/8	NAME	PI-ROD, INC.
48	REMOVED	4/7/8	NAME	PI-ROD, INC.
49	REMOVED	4/7/8	NAME	PI-ROD, INC.
50	REMOVED	4/7/8	NAME	PI-ROD, INC.
51	REMOVED	4/7/8	NAME	PI-ROD, INC.
52	REMOVED	4/7/8	NAME	PI-ROD, INC.
53	REMOVED	4/7/8	NAME	PI-ROD, INC.
54	REMOVED	4/7/8	NAME	PI-ROD, INC.
55	REMOVED	4/7/8	NAME	PI-ROD, INC.
56	REMOVED	4/7/8	NAME	PI-ROD, INC.
57	REMOVED	4/7/8	NAME	PI-ROD, INC.
58	REMOVED	4/7/8	NAME	PI-ROD, INC.
59	REMOVED	4/7/8	NAME	PI-ROD, INC.
60	REMOVED	4/7/8	NAME	PI-ROD, INC.
61	REMOVED	4/7/8	NAME	PI-ROD, INC.
62	REMOVED	4/7/8	NAME	PI-ROD, INC.
63	REMOVED	4/7/8	NAME	PI-ROD, INC.
64	REMOVED	4/7/8	NAME	PI-ROD, INC.
65	REMOVED	4/7/8	NAME	PI-ROD, INC.
66	REMOVED	4/7/8	NAME	PI-ROD, INC.
67	REMOVED	4/7/8	NAME	PI-ROD, INC.
68	REMOVED	4/7/8	NAME	PI-ROD, INC.
69	REMOVED	4/7/8	NAME	PI-ROD, INC.
70	REMOVED	4/7/8	NAME	PI-ROD, INC.
71	REMOVED	4/7/8	NAME	PI-ROD, INC.
72	REMOVED	4/7/8	NAME	PI-ROD, INC.
73	REMOVED	4/7/8	NAME	PI-ROD, INC.
74	REMOVED	4/7/8	NAME	PI-ROD, INC.
75	REMOVED	4/7/8	NAME	PI-ROD, INC.
76	REMOVED	4/7/8	NAME	PI-ROD, INC.
77	REMOVED	4/7/8	NAME	PI-ROD, INC.
78	REMOVED	4/7/8	NAME	PI-ROD, INC.
79	REMOVED	4/7/8	NAME	PI-ROD, INC.
80	REMOVED	4/7/8	NAME	PI-ROD, INC.
81	REMOVED	4/7/8	NAME	PI-ROD, INC.
82	REMOVED	4/7/8	NAME	PI-ROD, INC.
83	REMOVED	4/7/8	NAME	PI-ROD, INC.
84	REMOVED	4/7/8	NAME	PI-ROD, INC.
85	REMOVED	4/7/8	NAME	PI-ROD, INC.
86	REMOVED	4/7/8	NAME	PI-ROD, INC.
87	REMOVED	4/7/8	NAME	PI-ROD, INC.
88	REMOVED	4/7/8	NAME	PI-ROD, INC.
89	REMOVED	4/7/8	NAME	PI-ROD, INC.
90	REMOVED	4/7/8	NAME	PI-ROD, INC.
91	REMOVED	4/7/8	NAME	PI-ROD, INC.
92	REMOVED	4/7/8	NAME	PI-ROD, INC.
93	REMOVED	4/7/8	NAME	PI-ROD, INC.
94	REMOVED	4/7/8	NAME	PI-ROD, INC.
95	REMOVED	4/7/8	NAME	PI-ROD, INC.
96	REMOVED	4/7/8	NAME	PI-ROD, INC.
97	REMOVED	4/7/8	NAME	PI-ROD, INC.
98	REMOVED	4/7/8	NAME	PI-ROD, INC.
99	REMOVED	4/7/8	NAME	PI-ROD, INC.
100	REMOVED	4/7/8	NAME	PI-ROD, INC.



WEIGHT=11.2#



PART NO. 108675

NAME BRACE
VERTICAL
(CELLULAR ANT. MTG.)

PI-ROD, INC.

PLYMOUTH, INDIANA 46563

APPROVED BY DR BY DATE
Pinkenberg 4/23/86

CHG LST DESCRIPTION DATE

REG. ENGINEER

SCALE

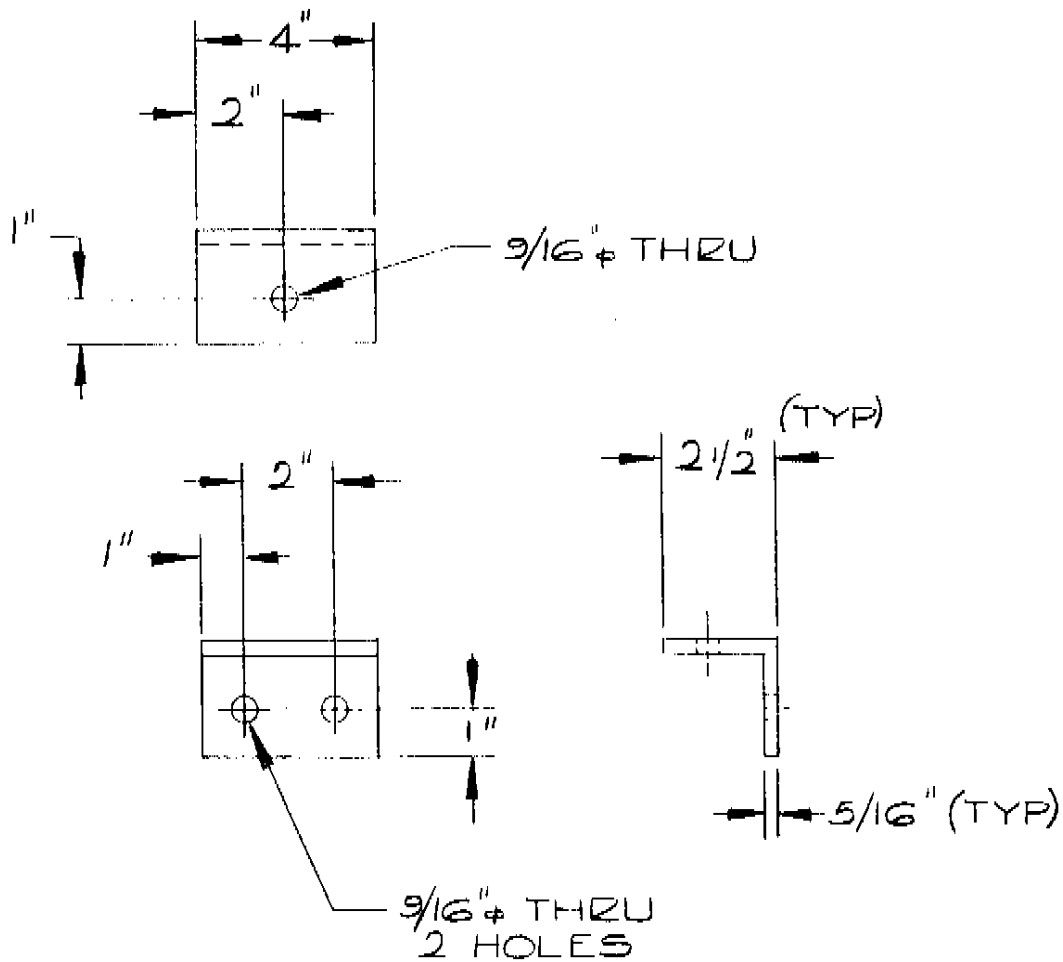
1/2" = 1'-0"

DWG. NO.

108675-A

REVISIONS

REG. NO.

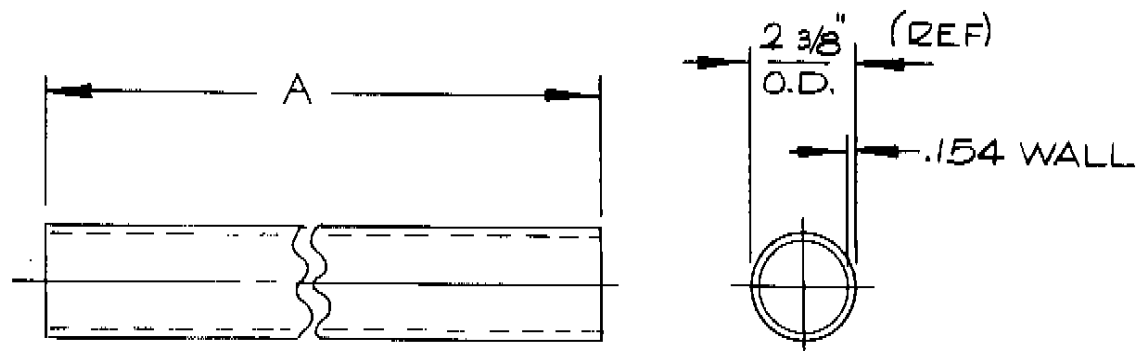


MATL:

2 1/2" X 2 1/2" X 5/16" STEEL ANGLE

WEIGHT = 1.6 #

			NAME BRACKET STRUT MOUNTING (CELLULAR ANT.)		PART NO. 108677
			APPROVED BY	DR BY <i>Forkeberg</i> DATE <i>4/24/54</i>	PI-ROD, INC. PLYMOUTH, INDIANA 46663
CHG LET	DESCRIPTION	DATE	REG. ENGINEER	SCALE 3" = 1'-0"	
REVISIONS			REG. NO.		DWG. NO. 108677-A



MATERIAL:

2" SCHEDULE 40 PIPE
(3.65#/FT.)

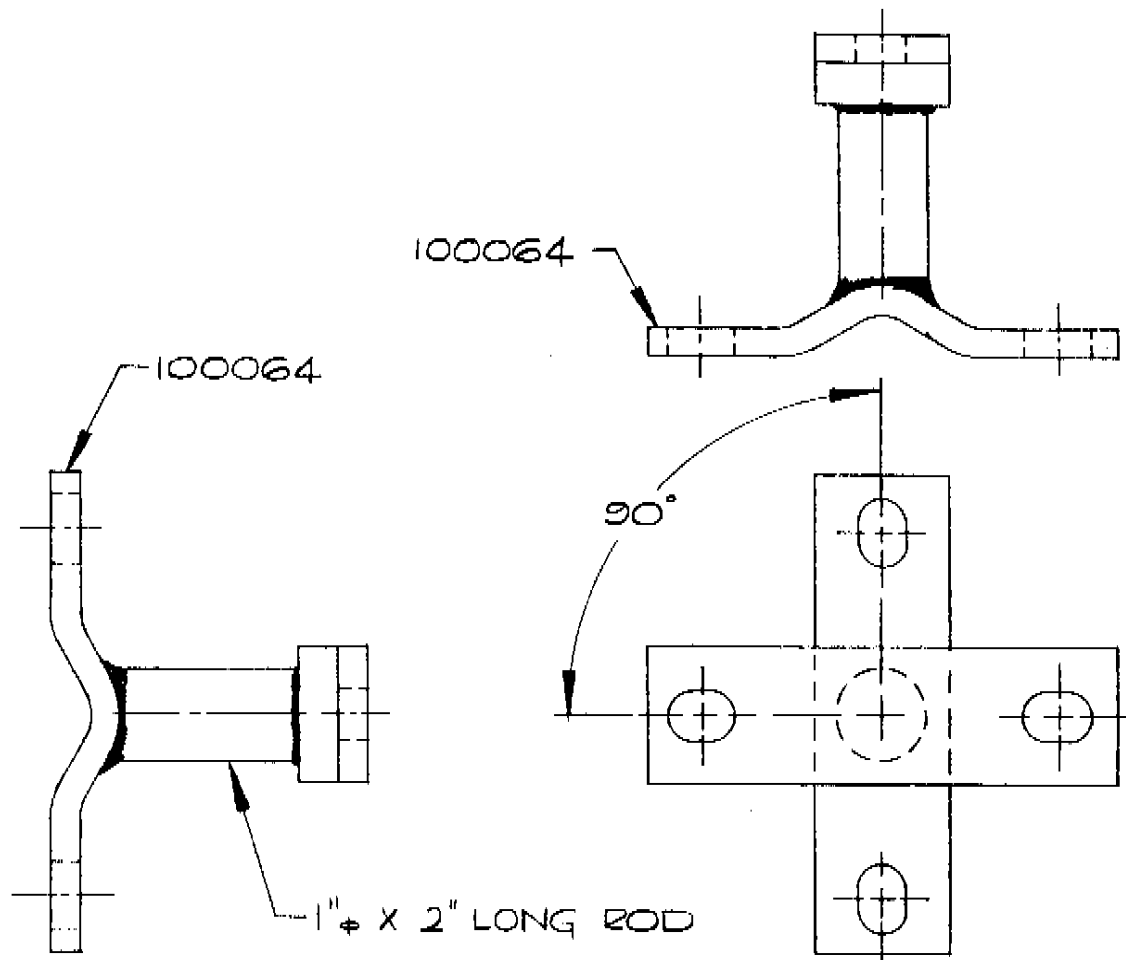
PART NUMBER	A	WEIGHT
105965	18"	5.48*
105966	40"	12.17*
106253	24"	7.30*
106677	15'-0"	54.75*
107690	6'-0"	21.9*
107950	4'-0"	14.6*
107994	50 3/8"	15.3*
107998	6'-8"	24.3*
108170	54"	16.5*
108673	10'-6"	38.3*
109084	13'-0"	47.45*

PART NUMBER	A	WEIGHT
110856	36"	10.95*
111436	7'-0"	25.5*

K	ADDED P/N 111436	5/25/84 MLA
J	REDRAWN PREVIOUS CHG. RECORD OMITTED	
CHG LET	DESCRIPTION	DATE
REVISIONS		

NAME PIPE ANTENNA MOUNTING	
APPROVED BY	DR BY Pinkenberg 4/11/84
DATE	
REG. ENGINEER	SCALE
REG. NO.	

PART NO.
PI-ROD, INC. PLYMOUTH, INDIANA 46683
DWG. NO. 105965-A



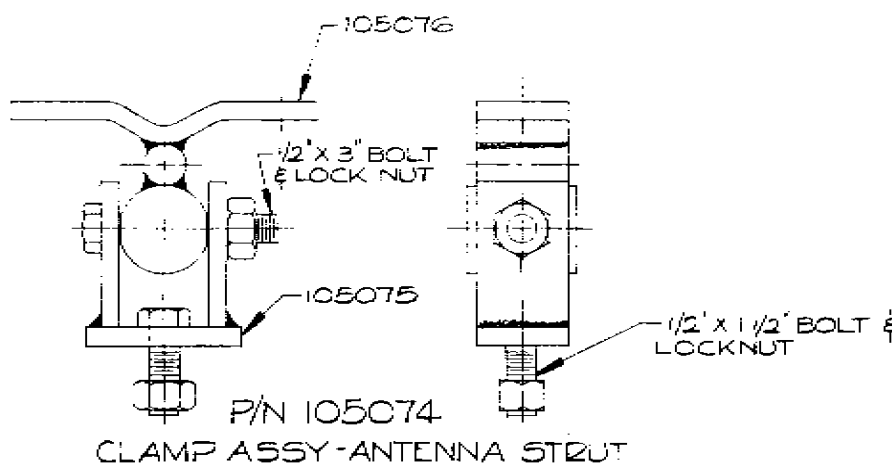
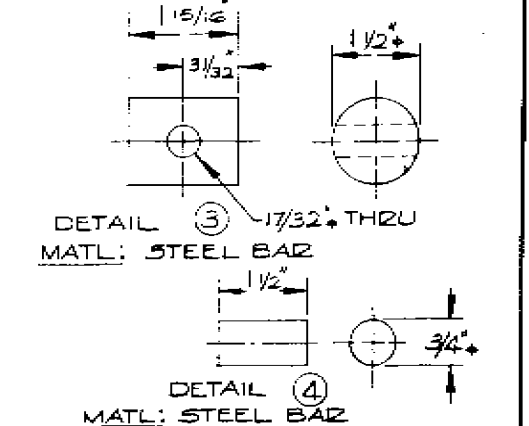
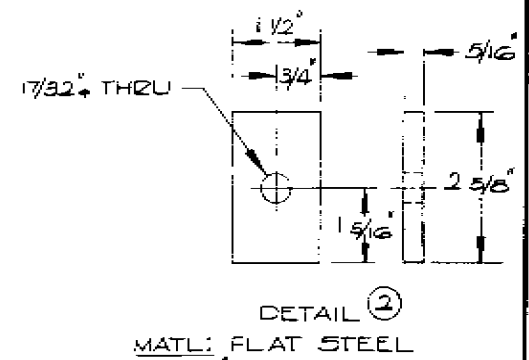
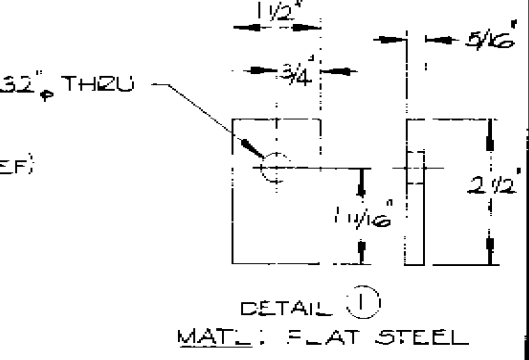
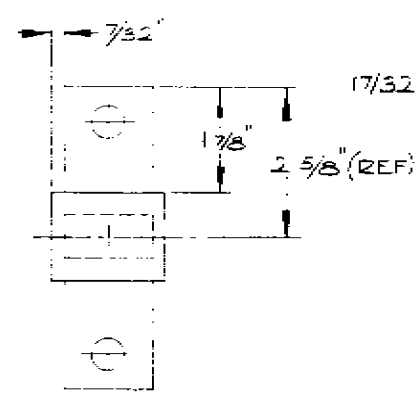
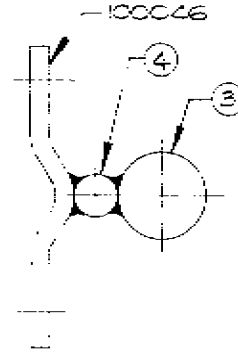
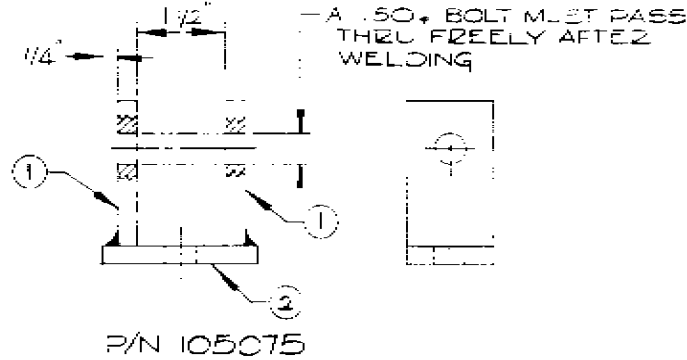
WEIGHT = 1.5 #

A	REDRAWN WAS "B" SIZE	12/5/89
CHG LET	DESCRIPTION	DATE
REVISIONS		

NAME CLAMP BRACKET SPECIAL		
APPROVED BY	DR BY VINCEK	DATE 5/31/89
REG. ENGINEER	SCALE 1/2	
REG. NO.		

PART NO.	104701
PI-ROD, INC.	
PLYMOUTH, INDIANA 46563	
DWG. NO.	104701-A

BRUNING 43-22 5725



REV	DESCRIPTION	DATE
1	CHG	5/2/68
2	DESIGN	5/2/68
3	TEST	5/2/68
4	PROD	5/2/68
5	REV	5/2/68
6	REV	5/2/68
7	REV	5/2/68
8	REV	5/2/68
9	REV	5/2/68
10	REV	5/2/68

PART NO. 105074

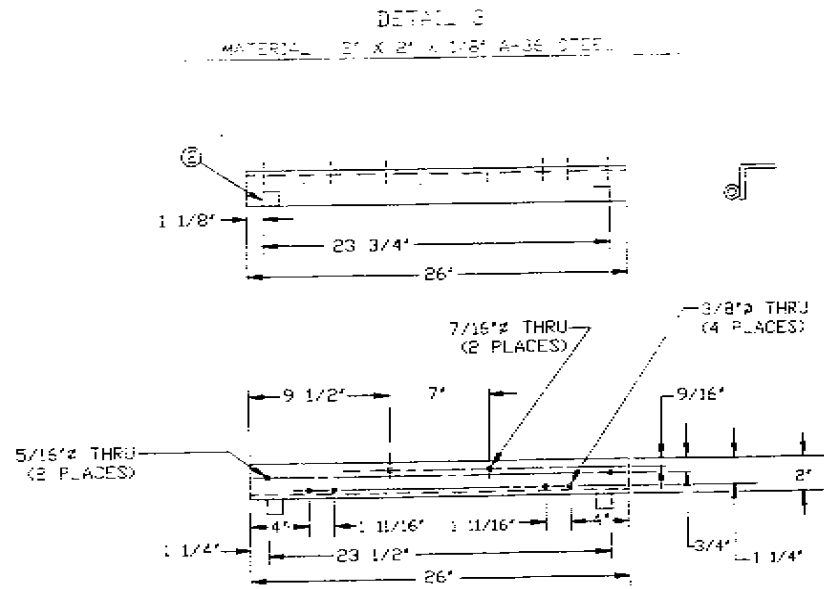
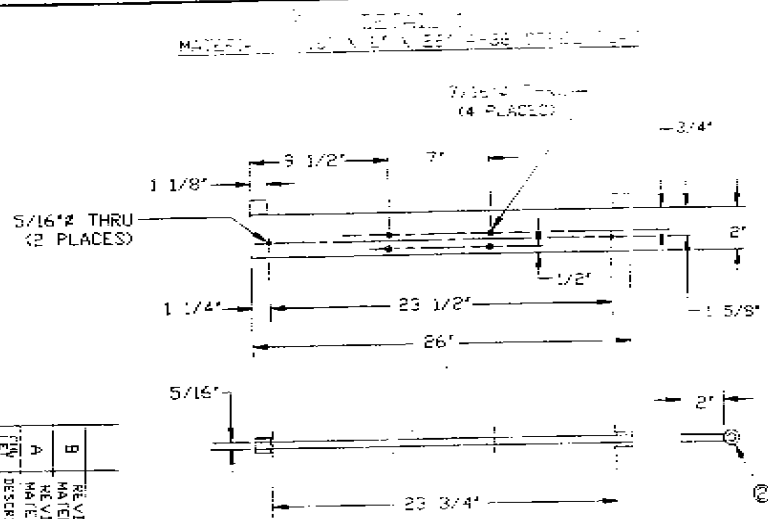
NAME CLAMP ASSY
ANTENNA STRUT

APPROVED BY
DESIGNED BY
SCALE 1/2

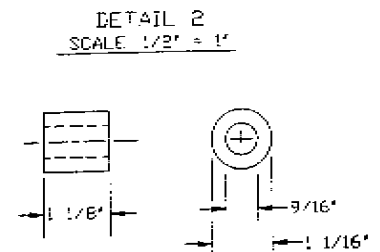
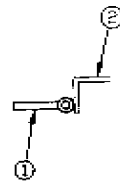
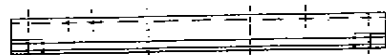
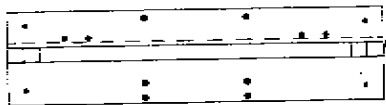
PI-ROD, INC.

PLYMOUTH, INDIANA 46563

DWG. NO. 105074-B



- NOTE: ASSEMBLE DETAIL 1
TO DETAIL 2 WITH
TWD - 1/2" X 3"
A-325 BOLTS W/ LOCKWASHERS



REV	DESCRIPTION	DATE
B	REVISCD MATERIAL	MBG 4/2/88
A	REVISCD MATERIAL	MBG 4/2/88

REVISIONS

NAME ANTENNA ANGLE ADAPTER (CELLULAR ONE-CHICAGO)		PI-ROD INC. PLYMOUTH, INDIANA 46563	
APPROVED BY	DR BY	DATE	
REG ENGINEER	MBG	3/26/87	
REG NO.	SCALE	1/8" = 1'	DWG NO. 109907-B

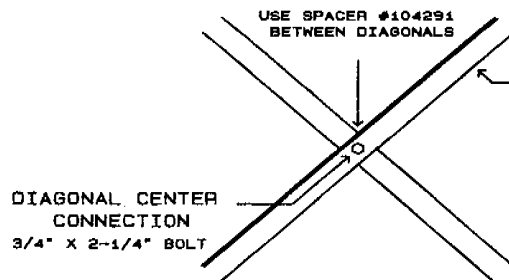
PART NO. 10990-7

FABRICATED SECTION DATA

SECTION LENGTH	SEC #	SECTION PART#	LEG/WALL SIZE	BRACE SIZE	SECTION WEIGHT	BOLTS AT BOTTOM		
						DIAM	LENGTH	#
10'	V- 4.0	106778	1- 1/2 "	3/4 "	804#	5/8"	4"	12
20'	H- 4.5	107345	1- 3/4 "	3/4 "	945#	5/8"	4-1/2"	15
20'	H- 5.0	107733	2 "	7/8 "	1273#	1 "	3-1/2"	18

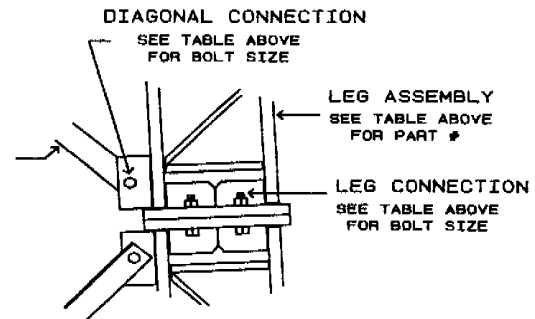
BREAKDOWN SECTION DATA (12" LEG)

SEC #	SECTION LENGTH	LEG SIZE	LEG PART#	TOP DIAG PART#	BOT DIAG PART#	QTY	SECTION WEIGHT	LEG CONNECT DIAM	LEG CONNECT LENGTH	DIAG CONNECT DIAM	DIAG CONNECT LENGTH
U- 8.0	10'	1- 1/4"	105244		105557		985#	1 "	3-1/2"	1 "	2-1/4"
U- 8.0	20'	1- 1/4"	105216	105559	105562		1846#	1 "	3-1/2"	1 "	2-1/4"
U-10.0	20'	1- 1/2"	105217	105565	105568		2250#			1 "	2-1/4"



VIEW D

(SEE PAGE 1 FOR VIEW DEFINITION)



VIEW C

NOTES

1. TOWER DESIGN CONFORMS TO EIA STANDARD RS-222-C FOR 40 PSF WINDLOAD WITH NO ICE.
2. MATERIAL: (A) TOWER MEMBERS 3/4" AND LARGER: Fy=50,000 PSI. (B) TOWER MEMBERS LESS THAN 3/4" Fy=36,000 PSI.
3. BASE REACTIONS:

TOTAL WEIGHT = 11.6 KIPS.	MAXIMUM COMPRESSION = 89.1 KIPS PER LEG.
MOMENT = 798.1 KIP-FT.	MAXIMUM UPLIFT = 81.3 KIPS PER LEG.
MAXIMUM SHEAR = 12.5 KIPS TOTAL.	
4. FINISH: HOT DIPPED GALVANIZED AFTER FABRICATION.
5. ANTENNAS: THREE- CELLULAR SECTORS AT TOP OF TOWER

TWO- 6' SOLID/RADOME AT 95' (FUTURE CAPACITY)
6. MIN. WELDS 1/4" UNLESS OTHERWISE SPECIFIED. ALL WELDING TO CONFORM TO AWS SPECIFICATIONS.
7. EIA GROUNDING FOR TOWER.

CELLULAR ONE

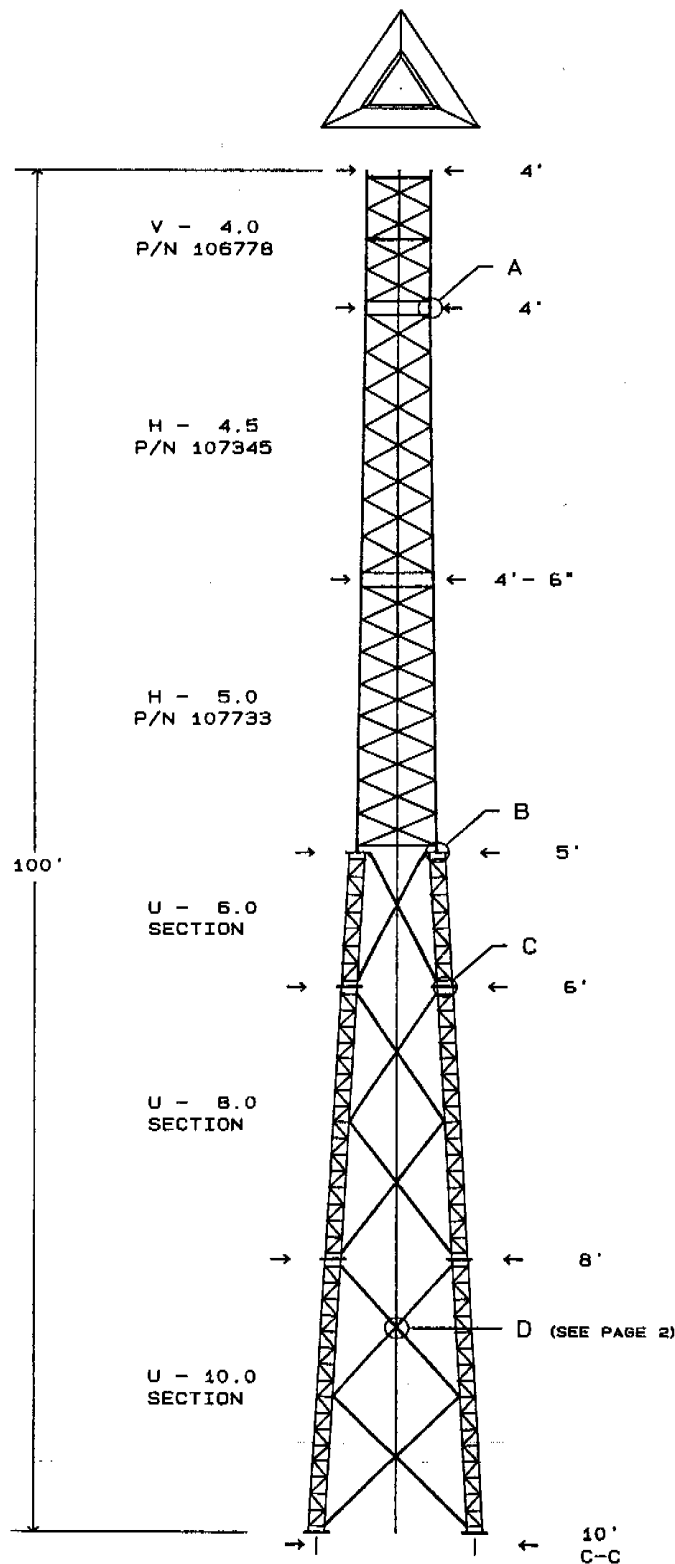
LINCOLNWOOD (SITE #64)

PART NO.	A-107106
NAME	U 10.0 X 100'
	SELF-SUPPORTING TOWER
APPROVED BY	DR BY DATE
	M86 15-MAR-89
REG. ENGINEER	SCALE
REG. NO	AS NOTED
DWG. NO.	DW8. NO. 113637-B
	PAGE 2 OF 3

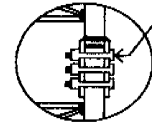
CHG	DESCRIPTION	DATE
LET		
REVISIONS		

PI-ROD, INC.

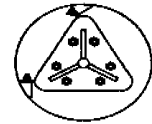
PLYMOUTH, INDIANA 46563



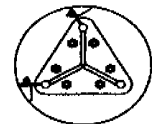
A-325 BOLTS
SEE TABLE PAGE 2



VIEW A
TYPICAL LEG CONNECTION
FOR FABRICATED SECTIONS



VIEW B
LEG CONNECTION AT 50 FT.



VIEW C
TYPICAL LEG CONNECTION
FOR BREAKDOWN SECTIONS

CELLULAR ONE

LINCOLN WOOD (SITE # 64)

PART NO.

A-107106

NAME

U 10.0 X 100'
SELF-SUPPORTING TOWER

PI-ROD, INC.

PLYMOUTH, INDIANA 46563

CHG
LET

DESCRIPTION

DATE

APPROVED BY

DR BY DATE

MBG 15-MAR-89

REG. ENGINEER
REG. NO

SCALE
AS NOTED

DWG. NO.
(08616.)

113637-B1 OF 3

REVISIONS

PAGE

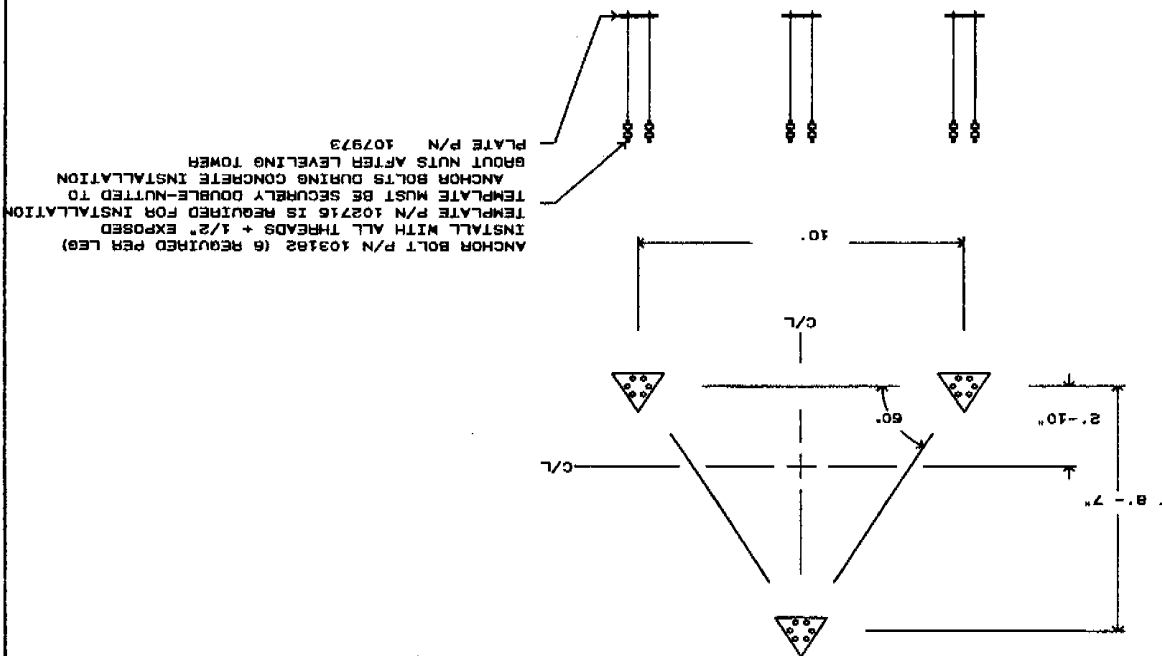
DWG. NO. 113637-B PAGE 3 OF 3		SCALE AS NOTED		REG. NO.		REVISIONS	
PLYMOUTH, INDIANA 46563		DATE MBG 15-MAR-99		REG. ENGINEER		DESCRIPTION DATE	
PI-ROD, INC.		APPROVED BY		U 10.0 X 100'		CHG LET	
PART NO. A-107106		NAME		BASE FOUNDATION			
CELLULAR ONE		LINCOLNWOOD (SITE #64)					

1. DESIGN REACTIONS: TOTAL WEIGHT = 11.6 KIPS.
MOMENT = 738.1 KIP-FT.
MAXIMUM SHEAR = 12.5 KIPS TOTAL.

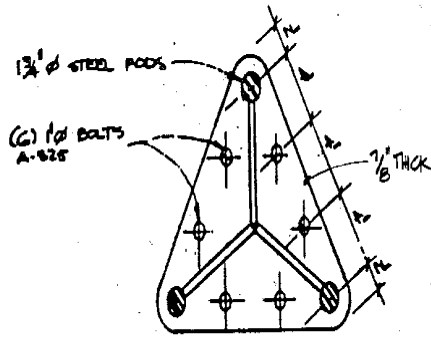
2. FOUNDATION DESIGN BY OTHERS.

FOUNDATION NOTES

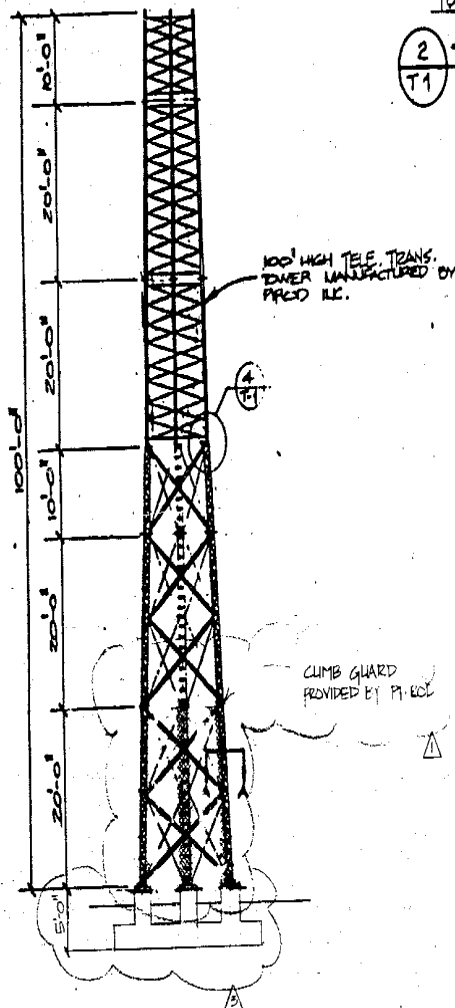
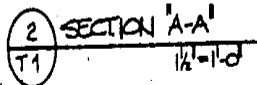
TOWER ANCHOR STEEL PLACEMENT



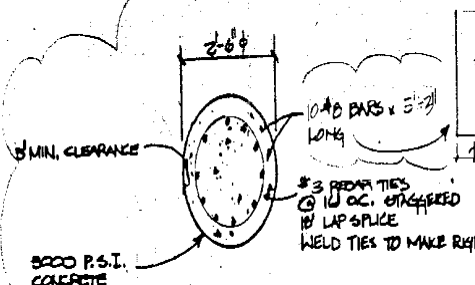
For Reference Only



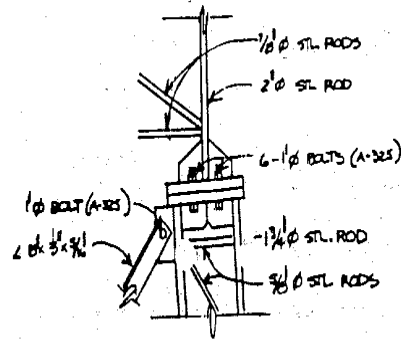
TOWER BASE PLATE



1 TOWER ELEVATION
T1 NTS



3 SECTION "B-B"



4 TOWER DETAL
T1 3/4-1-0

[illegible]

- 1. CONCRETE FOR MAT SHALL HAVE A MINIMUM ULTIMATE STRENGTH OF 4000 PSI AND BE PLACED WITH A SLUMP OF 2 TO 3 INCHES (DEPENDS ON HOW EASY TO PLACE)
- 2. THE CONCRETE SHALL BE PROPERLY CURED AND PROTECTED FROM FREEZING FOR 7 DAYS.
- 3. THREE COLUMNS SHALL BE BUILT BY THE CONTRACTOR FROM EACH TYPE FOR TESTING OF LAB. APPROVED SPECIFICATIONS.

-TEST-

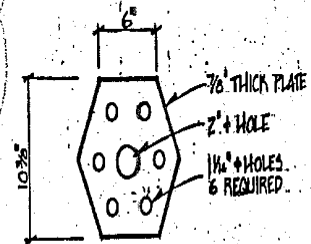
- 1. ALL REINFORCED STEEL SHALL BE GRAD 60 (A.S.T.M. A601-80/7).
- 2. USE STRAIGHTEN TYPES AND SIZES OF WIRE BAR SIZES IN PLACEMENT TO MATCH SPECIFICATIONS AND USE THE SAME REINFORCING BARS IN PLACE TIE TO ADJUST THE LACING OF CONCRETE.
- 3. REINFORCE CLEAN CONCRETE COVER OF 2 INCHES WILL BE PROVIDED FOR ALL REINFORCMENT EXCEPT FOR MAT PAVING, WHICH IT WILL BE 3 INCHES.

CONSTRUCTION:

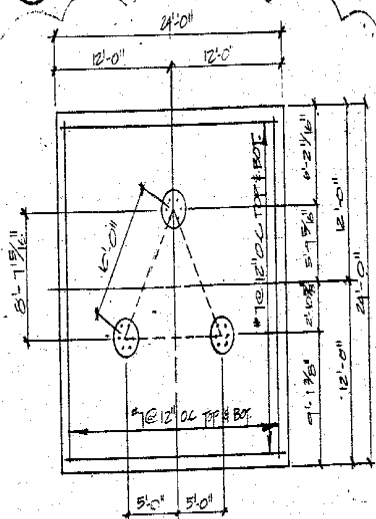
- 1. CONCRETE MIXTURE, DETAILS, METHODS OF CONSTRUCTION, ETC SHALL COMPLY WITH A.C.I. 318.3.
- 2. ALL CONCRETE SHALL BE PLACED AGAINST UNOBTAINED EARTH WALLS OF WATER AND ALL FLOWING SOURCES AND RETURN TO THE EXISTING GRADE OF THE EARTH SURFACE TO ELIMINATE FLOODS AND TO ENSURE DRAINAGE. SEPARATION AND/OR SEPARATION OF AGGREGATES SHALL BE PROVIDED WHEN CONCRETE IS PLACED AND FINISHED. REINFORCING STEEL SHALL NOT BE INSTALLED OR COVERED UNTIL THE CONCRETE PLACEMENT IS COMPLETED.
- 3. GROUP AND USE OF THE FOR DRAINER DRAINAGE.
- 4. CONCRETE SHALL NOT BE PLACED OR FINISH OBVIOUS OR IN OPERATIONS CONTINUING WATER.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARATION OF THE SPECIFICATIONS AND SHALL BE NAME OF FIELD CONDITIONS PRIOR TO SUBMITTALS AND CONSTRUCTION.

SPECIAL NOTES:
1. THE SOIL SHOULD BE REPAIRED TO A DEPTH OF APPROXIMATELY 10 INCHES
GRADE. PLACE A 1'-0" THICK COMPACTED LAYER OF THREE INCH DIAMETER
CRUSHED LIMESTONE.

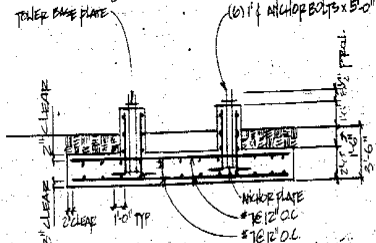
2-*****WHEN CONSIDERING THE DEPTH OF THE TRENCH GRADUATION TABLE, IN RELATION TO THE PROPOSED AVERAGE EXCAVATION DEPTH, IT IS THOUGHT THAT GRADUATION INFILTRATION PROBLEMS WILL BE PRESENT. CARE SHOULD BE EXPENDED TO ALL WATER AS WELL AS ANY DISPOSED-DISBURSED MATERIALS FROM THE BASE OF ALL EXCAVATIONS IMMEDIATELY PRIOR TO THE PLACING OF CONCRETE. THE BASE OF ALL EXCAVATIONS SHOULD ALSO BE PROTECTED DURING CONSTRUCTION FROM DEGRADATION OR SUFFERING CAUSED BY FRESH AND CONSTRUCTION ACTIVITY.



6 ANCHOR BOLT BASE PLATE



TOWER FOUNDATION
SCALE = $\frac{1}{8}'' = 1' - 0''$

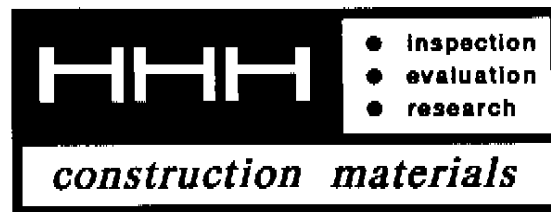


FOUNDATION SECTION

SCALE = $\frac{1}{8}" = 1'-0"$

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED UNDER MY PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLY WITH THE APPROPRIATE STANDARDS OF THE STATE OF ILLINOIS MARCH 1964 AND COMPLY WITH THE ORDINANCES OF THE

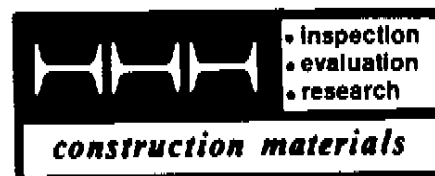
T1	TOWER DETAILS	CELLULAR ONE CHICAGO: SITE DEVELOPMENT	HITE AVENUE CHICAGO, ILL 60640 SITE# 604	JOB NUMBER 104724	 LOUIS C. CORDOGAN ARCHITECT P.C. 111 W. DOWNER PL. AURORA IL 60508 3121 898-4678.	REVISIONS 1 3-9-78 2 5-5-78 3 7-19-78
				DATE 1-30-90		



SUBSURFACE INVESTIGATION
and
GEOTECHNICAL ANALYSIS

**PROPOSED CELLULAR ONE CHICAGO
CELL SITE # 64 RADIOTOWER AND
EQUIPMENT SUPPORT BUILDING FACILITY
NE CORNER CENTRAL PARK & LUNT AV
LINCOLNWOOD, ILLINOIS**

***MDM CONSTRUCTION
ROSELLE, ILLINOIS***



H. H. HOLMES TESTING LABORATORIES, INC.

• 170 Shepard Avenue • Wheeling, Illinois 60090 • 708 • 541-4040 • Fax: 708 • 537-9090

February 22, 1990

MDM CONSTRUCTION

10 Monaco Drive
Roselle, Illinois 60172

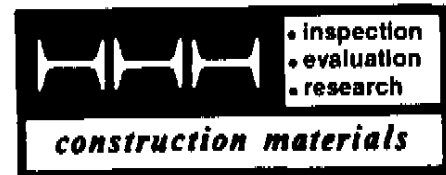
Lab No. CH 5742

File No. 7306.71

Attn: Mr. Fred Marchese
RE: Subsurface Investigation
and Geotechnical Analysis

Gentlemen:

At your request, one (1) soil boring was drilled for the proposed Cellular One Chicago Cell Site No. 64 Radiotower and Equipment Support Building Facility to be constructed on the property located near the Northeast corner of the intersection of Central Park and Lunt Avenue in Lincolnwood, Illinois. The approximate location of this boring and test results are enclosed in this report.

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February 22, 1990

MDM CONSTRUCTION

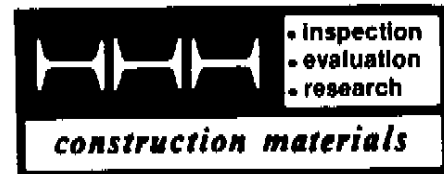
Lab No. CH 5742

File No. 7306.71

The purposes of this report are to describe the subsurface conditions encountered at the site at the boring location, evaluate the physical characteristics of the underlying strata by means of testing of the soils in the laboratory and to submit recommendations regarding the design and construction of the foundation of the proposed structure. Also included are the recommendations regarding the parking lot and driveway facilities.

Conversation with the owner's representative indicated that the Equipment Support structure will be one story in height with slab-on-grade floor and without basement. The design loads are not known at the present time, however, it is our understanding that they will be relatively light in magnitude.

This boring, selected by the project's engineer and located in the field by a representative of H. H. Holmes Testing Laboratories, Inc., was made utilizing a truck mounted rotary type of drill rig which advances the boreholes by continuous flight auger method (ASTM Standard D 1452-80) and various cutting bits. Representative soil samples were obtained by means of the split barrel sampling procedure performed in accordance with ASTM Standard D 1586-84, "Method for Penetration Test and Split Barrel Sampling of Soils". In this sampling procedure, a

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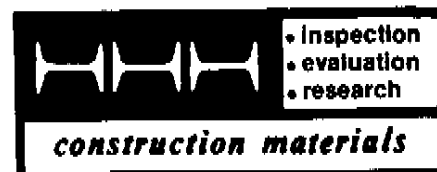
Lab No. CH 5742

File No. 7306.71

2 inch OD split barrel sampler is driven into the soil a distance of 18 inches by means of a 140 pound hammer falling 30 inches. The value of the Standard Penetration Resistance (SPR N-value) is obtained by counting the number of blows of the hammer over the final 12 inches of driving. Also, additional samples were obtained from the auger's blades. This boring was extended to a depth of 35 feet below present grade.

A field log of soils encountered in the boring was maintained by the drill crew. This field log was later used to help prepare the final boring log. All soil samples obtained from the drilling operations were identified, sealed immediately in the field and brought to the laboratory for further examination and testing.

The laboratory testing program consisted of performing natural moisture content test on all representative portions of each sample (ASTM Standard D 2216-80) and unconfined compressive strength tests on representative cohesive samples (ASTM Standard D 2166-85). Also, additional estimated unconfined compressive strength values were obtained by using calibrated spring-loaded pocket penetrometer. After completion of the testing program, every soil sample was visually classified in accordance with the Unified Soil Classification System

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Lab No. CH 5742

File No. 7306.71

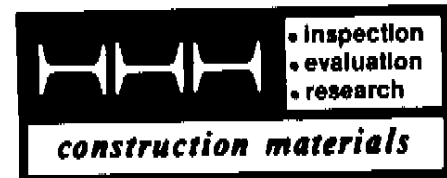
(ASTM Standards D 2487-85 and D 2488-84) by an experienced soil engineer. A brief description of the Unified System of classification is included in the Appendix of this report.

The general soil conditions present at the surface of the project site consist of approximately 4.0 feet of rubble fill and organic topsoil. Underlying the aforementioned materials, this boring encountered tough brown to gray silty clay and then a layer of gray silty clay, that is stiff to tough in consistency.

The groundwater level measurements were obtained while drilling and after completion of the boring. Short term groundwater level measurements indicate that the perched water table was encountered approximately 3 feet below the existing grade. Seasonal and yearly fluctuations in the water table can be anticipated due to changes in hydrogeologic regime, such as, but not limited to, variations in precipitation, evaporation and surface runoff.

EQUIPMENT SUPPORT BUILDING:

On the basis of the soil boring and laboratory testing of the soils, it is recommended that the proposed structure be supported by the most economical

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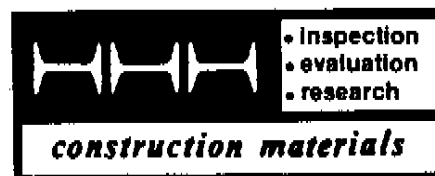
MDM CONSTRUCTION

Lab No. CH 5742

File No. 7306.71

foundation system such as exterior and/or interior wall footings and interior column footings. These footings should be founded approximately 4.0 feet below present grade on underlying original brown-gray silty clay possessing maximum net allowable bearing capacity of 2,000 PSF. Following Table I exhibits the recommended minimum depth of the bottom of the footing from the existing ground surface level to achieve maximum net allowable bearing capacity of 2,000 PSF.

Please be advised that as per the local Building Codes, all footings should be carried to a depth of at least 3' - 6" below the adjoining ground surface, except that a reinforced concrete slab foundation extending over the entire area below a one-story building shall be permitted at a lesser depth below the adjoining ground surface when so designed as to eliminate structural damage from frost action.



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February 22, 1990

MDM CONSTRUCTION

Lab No. CH 5742

File No. 7306.71

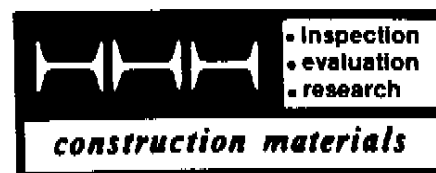
Table 1

SOIL BORING NUMBER	RECOMMENDED MIN. DEPTH OF FOOTING BOTTOM FROM EXT. GRADE FOR MAX. NET ALLOWABLE BEARING CAPACITY OF 2,000 PSF (ft.)	SOIL TYPE @ PROPOSED FOOTING ELEVATION
B-1	4.0	Brown-gray Silty Clay

CH 5742 . doc . Table.1

Due to potential variations in the site conditions, we recommend that the adequacy of the subgrade soils be reconfirmed in the field by a qualified soil technician from H. H. Holmes Testing Laboratories. If wet and/or loose sand/silt seams are encountered at the footing level, we recommend to remove all the disturbed soil from the excavation and replace with 3-inch diameter crushed limestone choked with CA-7.

In order to provide for uniform floor slab support, upon removal of the upper 24 inch layer of the unsuitable fill from the slab area, it is recommended to proof-

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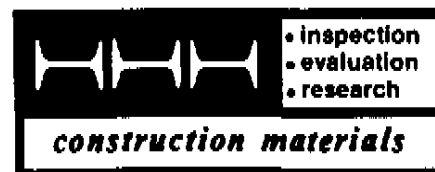
February 22, 1990

MDM CONSTRUCTION

Lab No. CH 5742

File No. 7306.71

roll this area with a heavy rubber tired construction equipment. The proof-rolling procedure should help to locate weak zones that may be present below stripped grade. The proof-rolling procedure should be observed by an experienced soil engineer in order to aid in locating any unsuitable materials. The areas of unsuitable soils should be removed to the depth encountered or to a maximum depth of 3.0 feet below design sub-grade, exposed grade should be re-compacted, and then bring the site to the desired sub-slab grade with an approved inorganic fill, that is free of debris, placed in loose layers of eight (8) inches and compacted to a minimum of 90% of maximum dry density obtained in accordance with ASTM Standard D 1557-78 (Modified Proctor Method) for cohesive soil, or, if granular material is used, 75% relative density in accordance with ASTM Standard D 2049-69. A typical granular fill consists of CA-6 or Grade 8 stone as per the State of Illinois Specifications for Road and Bridge Construction. Degree of compaction achieved should be checked in the field by a qualified soil technician. The area of soil processing should include building limits plus 5.0 feet. Also, final 4 inches of fill beneath all interior slabs-on-grade should be free-draining crushed stone or gravel. This layer will not only facilitate fine grading of the slab subgrade surface, but would also serve as a capillary cutoff layer which would minimize the migration of moisture through the floor slab. Where standing water develops on

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February 22, 1990

MDM CONSTRUCTION

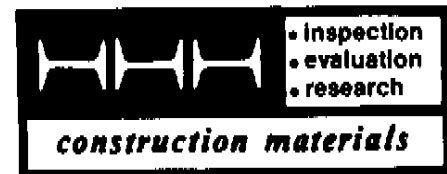
Lab No. CH 5742

File No. 7306.71

the floor slab subgrade, softening of the subgrade or other problems resulting in premature floor slab deterioration can also be expected. All floor slabs-on-grade should be isolated from the foundation system, and should contain an appropriate number of isolation and contraction joints in order to maintain the integrity of the slab should minor differential movements occur; and should be reinforced sufficiently with 6" x 6", #6/#6 WWF wire mesh (or Fibermesh, if applicable). Adequate construction, as well as control, joints should also be provided in order to minimize minor slab cracking.

RADIOTOWER:

On the basis of the soil boring and laboratory testing of the soils, it is recommended that the proposed structure be supported by a reinforced concrete mat foundation system. Bottom of this mat, proportioned on the basis of net allowable bearing capacity of 1,500 PSF, should be located approximately 3.5 feet below the existing grade upon the placed one-foot thick layer of three-inch diameter crushed limestone, that should be embedded into the exposed clay subgrade. Adequate factors of safety should be utilized for the overturning moment and sliding resistance design. Coefficient of friction between the bottom of the concrete mat and crushed limestone can be assumed to be 0.40.

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February 22, 1990

MDM CONSTRUCTION

Lab No. CH 5742

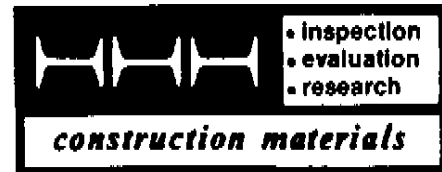
File No. 7306.71

Due to the potential variations in the site conditions, we recommend that the structural adequacy of the soils be reconfirmed in the field by a qualified soil technician from H. H. Holmes Testing Laboratories.

The above mentioned foundation system should be designed by a qualified Illinois-registered Professional Engineer.

It is believed that most of the paved areas will be subjected to AASHTO-H-20 loading as a maximum. We recommend a flexible pavement section which should be designed according to the "State of Illinois Department of Transportation, Division of Highways, Highway Design Manual".

Based upon the soil boring drilled in the proposed project area, it is recommended to proof-roll driveway/parking areas, remove the unsuitable materials to the depth encountered or to a maximum depth of 2.0 feet below the design sub-grade, re-compact the exposed soils, and then bring the site grade to the desired sub-grade elevation with an approved inorganic fill material, that is free of debris, placed in loose layers not to exceed nine (9) inches in thickness and compacted to a minimum of 95% of maximum dry density obtained in accordance

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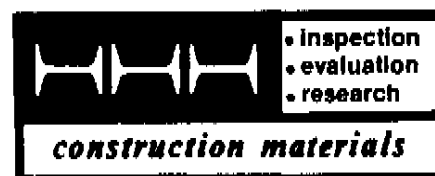
Lab No. CH 5742

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with ASTM Standard D 1557-78 (Modified Proctor Method) for cohesive soil, or, if granular material is used, 80% relative density in accordance with ASTM Standard D 2049-69. A typical granular fill consists of CA-6 or Grade 8 stone as per the State of Illinois Specifications for Road and Bridge Construction. Degree of compaction achieved should be checked in the field by a qualified soil technician. The area of soil processing should include the limits of paved areas plus 2.0 feet. The base course shall be CA-6 or Grade 8 Crushed Stone and the bituminous concrete binder and surface courses should consist of fine dense graded aggregate, Class I, Sub-Class I-11 as defined in the State of Illinois Standard Specifications for Road and Bridge Construction (Ref. #5).

The design of pavements should incorporate provisions for drainage of both the pavement surface and the base course layer. Where standing water is allowed to accumulate on the pavement surface or within the base course, softening of the subgrade and thus the deterioration of the pavement is likely.

When considering the depth of the true groundwater table in relation to the proposed average excavation depth, it is thought that groundwater infiltration problems will be present. Care should be exercised to remove all water as well as



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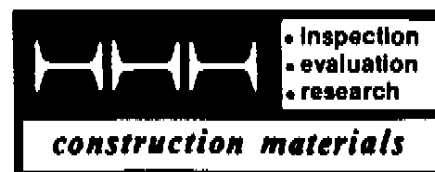
MDM CONSTRUCTION

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any loosened or disturbed materials from the base of all excavations immediately prior to the placing of concrete. The base of all excavations should also be protected during construction from deterioration or softening caused by frost and construction activity.

This report has been prepared in order to aid in the evaluation and design of this project. In the event that any changes in the design and/or location of the building(s) as outlined in this report are planned, we should be informed so the changes can be reviewed and the conclusions of this report modified as necessary in writing by the soil and foundation engineer. If you wish, we would welcome the opportunity to provide field construction services for this project. The analysis and recommendations submitted in this report are based upon the data obtained from the soil boring performed at the location indicated on the location diagram. This report does not reflect any variations which may occur beyond this boring.



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We have welcomed the opportunity to be of service to you on this project. If there are any questions with regard to the information and/or recommendations presented, please do not hesitate to contact us.

Very truly yours,

H. H. HOLMES TESTING LABORATORIES, INC.

Richard E. Nelson, Jr.
President

S. Meilman, P.E.
Soil Engineer

Project: CELLULAR ONE CHICAGO SITE # 64
(MDM CONSTRUCTION)

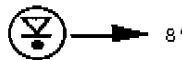
Date: 1-31-90

HHH

- inspection
- evaluation
- research

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FILE No. 7306.71
LAB No. CH 5742



LOG OF TEST BORINGS

No.	Chart	Soil Type	S	N	Qu	Wc
B1		Ground Surface	grade			
2		rubble FILL (Bricks, Cinders, etc.)				
4		TOPSOIL				
6		tough brown-gray silty CLAY	1	11	1.4	19
8		(trace small Gravel)	2	9	1.1	20
10						
12			3	6	1.0	19
14		stiff to tough				
16		gray silty CLAY	4	4	0.6	22
18						
20		(trace small Gravel)	5	4	0.6	21
22						
24						
26						
28			6	x	0.7	22
30						
32						
34						

35'
end

KEY

S = SAMPLE NUMBER
N = PENETRATION - blows / foot
Qu = UNCONFINED STRENGTH (tons / Square Foot)
Wc = WATER CONTENT IN %

HHH8-19-88 rev. 6-89

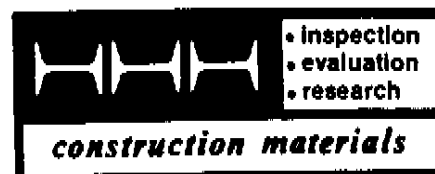


WATER LEVEL WHILE SAMPLING



WATER LEVEL AFTER BORING

35' Tmplt x1 w/key



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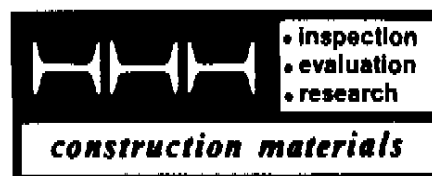
MDM CONSTRUCTION

Lab No. CH 5742

File No. 7306.71

LIST OF REFERENCES

- 1 -- "Design of Concrete Structures", 9th Edition, by G.Winter and A.H.Nilson, 1979.
- 2 -- "City of Chicago Building Code", 1973.
- 3 -- "Basic Soil Engineering", 2nd Edition, by B.K.Hough, 1969.
- 4 -- "1987 Annual Book of ASTM Standards", Section 4 - Volume 04.08,
"Soil and Rock; Building Stones".
- 5 -- "Standard Specifications for Road and Bridge Construction",
Adopted October 1, 1983, IDOT.
- 6 -- "Construction and Geotechnical Methods in Foundation Engineering",
by R.M.Koerner, 1984.
- 7 -- "Geotechnical Engineering", by R.D. Holtz and W.D. Kovacs, 1981.
- 8 -- "Foundation Engineering", by R.B. Peck, W. E. Hanson and T.H. Thornburn, 1974.
- 9 -- "Theoretical Soil Mechanics", by Karl Terzaghi, 1943.

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LEGEND FOR BORING LOGS***MATERIAL******SIZE RANGE***

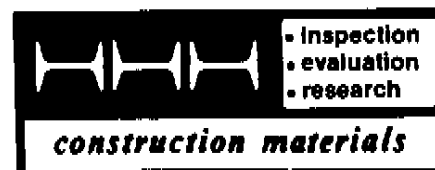
Boulder	Over 8 inches
Cobble	2.5 inches to 8 inches
Coarse Gravel	1 inch to 2.5 inches
Medium Gravel	3/8 inch to 1 inch
Small Gravel	No. 4 sieve to 3/8 inch
Coarse Sand	No. 20 sieve to No. 4 sieve
Medium Sand	No. 60 sieve to No. 20 sieve
Fine Sand	No. 200 sieve to No. 60 sieve
Silt or Clay	Finer than No. 200 sieve

COHESIVE SOILS

<u>Classification</u>	<u>Qu</u>
Very Soft	0.00 - 0.35
Soft	0.35 - 0.59
Stiff	0.60 - 0.99
Tough	1.00 - 1.99
Very Tough	2.00 - 3.99
Hard	over 4.00

COHESIONLESS SOILS

<u>Classification</u>	<u>N</u>
Very Loose	0 - 4
Loose	5 - 9
Firm	10 - 29
Dense	30 - 49
Very Dense	over 50



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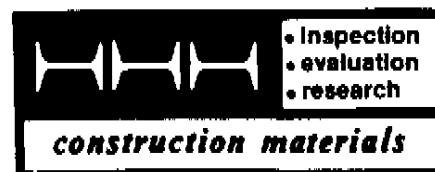
MAJOR MODIFIERS: Silty, Sandy, Clayey and Gravelly

<i>Modifying Term</i>	<i>Percent by Weight</i>
Trace	1 - 10
Little	10 - 20
Some	20 - 35
And	35 - 50

SOIL COMPONENTS, FRACTIONS, TERMS AND ABBREVIATIONS FOR VISUAL IDENTIFICATION OF SOILS

DEFINITION OF TERMS RELATING TO STRATIFIED SOILS:

Parting	-	0 to 1/16 inch thickness
Seam	-	1/16 inch to 1/2 inch thickness
Layer	-	1/2 inch to 12 inch thickness
Stratum	-	Usually greater than 12 inches thick; occasionally less, e.g. topsoil
Varved Silt	-	Fresh water lake deposit usually in seams, but occasionally in layers
Pocket	-	Small, erratic deposit usually less than 12"
Lens	-	Lenticular deposit, larger than pocket
Occasional	-	One or less per 12 inches of thickness
Frequent	-	More than one per 12 inches of thickness



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GLOSSARY OF MODIFYING TERMS

CATEGORY	SYMBOL	TERM	SYMBOL	TERM
Colors	bk	black	rd	red
	bl	blue	tn	tan
	br	brown	wh	white
	gr	gray	yw	yellow
	gn	green	dk	dark
	or	orange	lt	light
Organic Soils	dec	decayed	rts	roots
	dec'g	decaying	ts	topsoil
	lig	lignite	veg	vegetation
	o	organic	pt	peat
Stratification	alt	alternating	pkt	pocket
	lns	lens	pri	parting
	lyr	layer	sm	seam
	occ	occasional	vvd	varved
	frqt	frequent	w	with



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IDENTIFYING TERMS FOR COMPOSITION OF GRANULAR SOILS

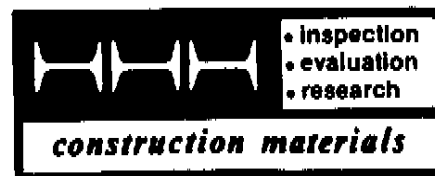
IDENTIFICATION			TERMS IDENTIFYING PROPORTIONS*		DEFINING RANGE OF PERCENTAGES BY WEIGHT
COMPONENT	WRITTEN	SYMBOL		WRITTEN	SYMBOL
Principal Component	Gravel	G			
	Sand	S			50 or more
	Silt	S			
Minor Component	Gravel	G	and	a	35 to 50
	Sand	S	some	s	20 to 35
	Silt	S	little	l	10 to 20
			trace	t	1 to 10

* Proportions refer to the percentage of the whole soil finer and coarser than the principal component.

Plus (+) nearer the upper limits of a proportion.

Minus (-) nearer the lower limits of a proportion.

No sign, middle range of a proportion.



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File No. 7306.71

IDENTIFYING TERMS FOR COMP. CLAY-SOIL ON OVERALL PLASTICITY BASIS

DEGREE OF OVERALL PLASTICITY		OVERALL PLASTICITY INDEX SAND-SILT-CLAY	IDENTIFICATION OF PRINCIPAL COMPONENTS	
<i>Written</i>	<i>Symbol</i>		<i>Written</i>	<i>Symbol</i>
Non-plastic		0	Silt	S
Slight	SI	1 to 5	Clayey Silt	CyS
Low	L	5 to 10	Silt and Clay	S&C
Medium	M	10 to 20	Clay and Silt	C&S
High	H	20 to 40	Silty Clay	SyC
Very High	VH	over 40	Clay	C



SOIL CLASSIFICATION SYSTEM

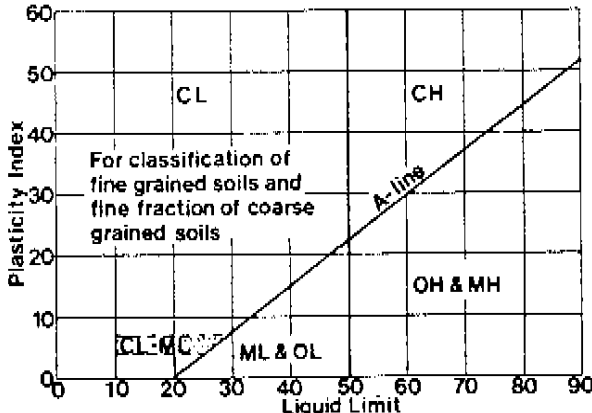
MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES	LABORATORY CLASSIFICATION CRITERIA	
Coarse Grained Soils (More than half of material is larger than No. 200 sieve)	Gravel (More than half of coarse fraction is larger than No. 4 sieve size)	Clean Gravel (Little or no fines)	GW	Well graded gravel, gravel-sand mixtures, little or no fines	$C_u = \frac{D_{60}}{D_{10}}$ greater than 4 : $C_z = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ between 1 and 3	
			GP	Poorly graded gravel, gravel-sand mixtures, little or no fines	Not meeting all gradation requirements for GW	
		Gravel with fines (Appreciable amount of fines)	GM	Silty gravel, gravel-sand-silt mixtures	Atterberg limits below A-line or P.I. less than 4	Above A-line with P.I. between 4 and 7 are borderline cases requiring use of dual symbols
			GC	Clayey gravel, gravel-sand-clay mixtures	Atterberg limits above A-line with P.I. greater than 7	
	Sand (More than half of coarse fraction is smaller than No. 4 sieve size)	Clean Sand (Little or no fines)	SW	Well graded sand, gravelly sand, little or no fines	$C_u = \frac{D_{60}}{D_{10}}$ greater than 6 : $C_z = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ between 1 and 3	
			SP	Poorly graded sand, gravelly sand, little or no fines	Not meeting all gradation requirements for SW	
		Sand with fines (Appreciable amount of fines)	SM	Silty sand, sand-silt mixtures	Atterberg limits below A-line or P.I. less than 4	Limits plotting in hatched zone with P.I. between 4 and 7 are borderline cases requiring use of dual symbols
			SC	Clayey sand, sand-clay mixtures	Atterberg limits above A-line with P.I. greater than 7	
Fine Grained Soils (More than half of material is smaller than No. 200 sieve)	Silt and Clay (Liquid Limit less than 50)	ML	Inorganic silt and very fine sand, rock flour, silty or clayey fine sand or clayey silt with slight plasticity	Determine percentages of sand and gravel from grain-size curve. Depending on percentage of fines (fraction smaller than No. 200 sieve size), coarse grained soils are classified as follows: - GW, GP, SW, SP - GM, GC, SM, SC - Borderline cases requiring dual symbols Less than 5 per cent More than 12 per cent 5 to 12 per cent		
		CL	Inorganic clay of low to medium plasticity, gravelly clay, sandy clay, silty clay			
		OL	Organic silt and organic silty clay of low plasticity			
	Silt and Clay (Liquid limit greater than 50)	MH	Inorganic silt, micaceous or diatomaceous fine sandy or silty soil, elastic silt			
		CH	Inorganic clay of high plasticity			
		OH	Organic clay of medium to high plasticity, organic silt			
	Highly Organic Soils	Pt	Peat and other highly organic soil			
					PLASTICITY CHART	



• inspection
• evaluation
• research

construction materials

SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES	LABORATORY CLASSIFICATION CRITERIA				
Coarse Grained Soils (More than half of material is larger than No. 200 sieve)	Gravel (More than half of coarse fraction is larger than No. 4 sieve size)	Clean Gravel (Little or no fines)	GW	Well graded gravel, gravel-sand mixtures, little or no fines	Determine percentages of sand and gravel from grain-size curve. Depending on percentage of fines (fraction smaller than No. 200 sieve size), coarse grained soils are classified as follows: Less than 5 per cent : GW, GP, SW, SP More than 5 per cent : GM, GC, SM, SC 5 to 12 per cent : Borderline cases requiring dual symbols	$C_u = \frac{D_{60}}{D_{10}}$ greater than 4 : $C_z = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ between 1 and 3			
			GP	Poorly graded gravel, gravel-sand mixtures, little or no fines		Not meeting all gradation requirements for GW			
		Gravel with fines (Appreciable amount of fines)	GM	Silty gravel, gravel-sand-silt mixtures		Atterberg limits below A-line or P.I. less than 4	Above A-line with P.I. between 4 and 7 are borderline cases requiring use of dual symbols		
			GC	Clayey gravel, gravel-sand-clay mixtures		Atterberg limits above A-line with P.I. greater than 7			
	Sand (More than half of coarse fraction is smaller than No. 4 sieve size)	Clean Sand (Little or no fines)	SW	Well graded sand, gravelly sand, little or no fines		$C_u = \frac{D_{60}}{D_{10}}$ greater than 6 : $C_z = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ between 1 and 3			
			SP	Poorly graded sand, gravelly sand, little or no fines		Not meeting all gradation requirements for SW			
		Sand with fines (Appreciable amount of fines)	SM	Silty sand, sand-silt mixtures		Atterberg limits below A-line or P.I. less than 4	Limits plotting in hatched zone with P.I. between 4 and 7 are borderline cases requiring use of dual symbols		
			SC	Clayey sand, sand-clay mixtures		Atterberg limits above A-line with P.I. greater than 7			
		Fine Grained Soils (More than half of material is smaller than No. 200 sieve)	Silt and Clay (Liquid Limit less than 50)	ML		Inorganic silt and very fine sand, rock flour, silty or clayey fine sand or clayey silt with slight plasticity	 PLASTICITY CHART		
				CL		Inorganic clay of low to medium plasticity, gravelly clay, sandy clay, silty clay			
OL	Organic silt and organic silty clay of low plasticity								
Silt and Clay (Liquid limit greater than 50)	MH		Inorganic silt, micaceous or diatomaceous fine sandy or silty soil, elastic silt						
	CH		Inorganic clay of high plasticity						
	OH		Organic clay of medium to high plasticity, organic silt						
Highly Organic Soils	Pt		Peat and other highly organic soil						

ATC TOWER INSPECTION FORM



ANSI-TIA/EIA222-G, Annex J Compliant

SECTION A - SITE INFORMATION

Copywrite © AMERICAN TOWER CORPORATION

ATC Site Number: 303900

Site Address: 7001 Central Park

City/State: Chicago, IL

Contractor Name : Norman Tower Service, Inc.

Inspection Completed By: Kenny Vogel, Nick Alexander, Harold Hartman

ATC Site Name: Lincolnwood

Latitude: -42.00908

Longitude: -87.7187

Number of Compounds 1

Date of Inspection: 2/4/10

SECTION B - TOWER INFORMATION

Structure Type: Self-Support

Tower Height: 100 ft

Overall Structure Height: 106 ft

Tower Lit: Y/N No

Number of Tower Legs: 3

Number of Platforms: 0

Climbing/Safety Device: Safety Cable

FCC/ASR Number: NR

AM Detuning: Y/N NO

SECTION C - SITE INFORMATION CATEGORIES

SECTION A - Site Information

(Do not insert information here)

SECTION B - Tower Information

SECTION C - Tower Information Summary Comments

SECTION D - SUMMURY OF DEFECIENCIES

SECTION E - Tower Foundation Comments

SECTION F - Tower Structure Comments

SECTION G - Safety Comments

SECTION H - Grounding Comments

SECTION I - Guy Anchors & Wires Comments

SECTION J - AM Detuning Comments

SECTION K - Compliance

SECTION D- SUMMURY OF DEFECIENCIES

Instructions: Note only STRUCTURAL items from each subsection with picture(s) and location on structure- If NO items present enter "NONE" (add additional lines if necessary)

1) Rust spot (Pic #31, corrected #32) (Pic #54, corrected #56) (Pic #44, corrected #48)

2) Rusted Bolts (Pic #38-40,45-47,52,54,55, Corrected #41-43,49-51,53,56,57)

3)

4)

5)

6)

7)

SECTION E - TOWER FOUNDATION

Instructions

Tower base should be visually inspected for spalling and cracking of the concrete. The soil surrounding the tower base foundation should be inspected for evidence of settlement. Any such settlement or movement should be noted.

Base drains (if present) should be clear of any obstructions. Penetrate drain with object to ensure drains functioning.

Base insulators (if present) - The porcelain surface should be wiped clean with a soft cloth to remove any salt deposits or other foreign substance. A check should be made for any evidence of deterioration or cracks in the porcelain surface.

All discrepancies must be marked with masking tape and magic marker.

All discrepancies must be noted and photographed and numbered.

Is tower center pin in place?

Is tower center pin free of corrosion?

Are all plate bolts, nuts, and washers present?

Is the tower foundation in good condition? (No cracking, spalling, or settling)

Verify no standing water in base.

Verify base drains are clear and free flowing (if present).

Is porcelain surface of base insulators (if present) in good condition? (no deterioration or cracking.)

Is the soil around the foundation in good condition? (no settling or movement)

Yes	No	Corrected	N/A
			x
			x
x			
x			
x			
x	x	x	x
			x
x			

Place x in the proper box
box

Comments:

SECTION F - TOWER STRUCTURE

Instructions

Corrosion - If corrosion is observed, the source should be determined and noted. Clean with wire brush. Spray with cold galvanizing paint and mark as Corrected

Damaged or faulty members - A visual inspection must be made of the entire tower structure to determine if any of the members have been deformed or damaged.

Any bowed, bent or damaged member/bolt should be noted as to part number, size, location on tower, nature and magnitude of deformation or damage.

Do not remove any tower member for replacement unless authorized by ATC Engineering Dept - Signed/Sealed Construction Drawings are required in the event of modification is required.

All discrepancies must be marked with masking tape and magic marker.

All discrepancies must be noted and photographed before and after repair.

Check bolts and nuts for tightness. (Tighten all loose bolts and mark as corrected.)

Inspect tower for rust. (If Needed clean and apply cold galvanize and mark as corrected - note details below.)

Verify all structural members are straight and not damaged, bent, and/or missing.

Is the tower free of twisting and distortion? (Verify with transit - mark as needed on Twist and Plumb tab)

Is the tower finish in good condition? (Obvious sign of cracking)

Yes	No	Corrected	N/A
☒	☒	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐

Place x in the proper box

Comments: Rust Spots (Pic #31,44,54, Corrected #32,48,56)

Rusted Splice bolts (Pic #38-40,45-47,52,54,55, Corrected #41-43,49-51,53,56,57)

SECTION G - SAFETY

Instructions

Safety is paramount- Report anything that makes it unsafe to operate or maintain this tower to ATC immediately.

All discrepancies must be marked with masking tape and magic marker.

All discrepancies must be noted and photographed before and after repair.

Is there a safety climb system?

Is the climbing path free from obstructions?

Is the safety climb system properly installed and secure? If loose, tighten and note as Corrected.

Is the FCC and ATC signage apparent and placed properly.

Yes	No	Corrected	N/A
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐

Place x in the proper box

Comments:

SECTION H - GROUNDING

Instructions

Connections - The connections above grade should be visually checked for loose fittings, ensure wires are snug in mechanical connections or well bonded with exothermic connections at the base of the tower.

Ground Wires - The ground wires at the base should be cad welded to each leg.

Take a photo of the grounding at the base and at each anchor.

All discrepancies must be marked with masking tape and magic marker.

All discrepancies must be noted and photographed.

Is the tower base properly grounded?

Are ground wires and connections in satisfactory condition?

Is lightning rod or static dissipation array properly installed (if present)?

Is the lightning rod mounted in a location making it the highest point on the tower?

Are the anchors properly grounded?

Yes	No	Corrected	N/A
☒	☐	☐	☐
☒	☐	☐	☐
☒	☒	☐	☐
☐	☒	☐	☐
☐	☐	☐	☒

Place x in the proper box

Comments: The dipole is the tallest point

SECTION I - GUY ANCHORS & WIRES

Instructions

All discrepancies must be marked with masking tape and magic marker.

All discrepancies must be noted and photographed.

Are the guy anchors & paths clear of brush and vegetation?

Are guy plates and rods free from any bends and/or fractures?

Are exposed guy anchor foundations free from cracking, weathering?

Excavate by hand to a minimum of 24" below grade for signs of corrosion

Do the turnbuckles have room for adjusting tensions? (Fully extended or contracted? Overall condition?)

Yes	No	Corrected	N/A
☐	☐	☐	☒
☐	☐	☐	☒
☐	☐	☐	☒
☐	☐	☐	☒
☐	☐	☐	☒

Place x in the proper box

Are anchors free of corroded areas?
 Is guy anchor rod laterally aligned?
 Are guy wires free of broken strands or insulators?
 Are the guy dampers secured and in good condition?
 Are all shackles, clevises, thimbles, cotter pins, and Crosby clamps properly installed and tight?
 Are the pre-form grips in good condition?
 Are guy wires and guy hardware free of corrosion?
 Is each turnbuckle safety wire installed and secure?
 Are guy wire connections in satisfactory condition?
 Are ice breakers installed on pre-form grips?
 Are guy attachment points to tower in good condition?

			x
			x
			x
			x
			x
			x
			x
			x
			x
			x
			x
			x

Comments:

SECTION J- AM DETUNING

Instructions

All discrepancies **must** be marked with masking tape and magic marker.

All discrepancies must be noted and photographed.

Note: If the tower has a base insulator (decomisoined AM hot tower) the box next to the tower with a single wire feed is NOT an AM detuning device.

Is there an AM Detuning system on tower?
 Are the AM Detuning skirt wires securely attached to the tower?
 Are the AM Detuning wires in good condition? (Broken, sharp bends, etc)
 Is the AM Detuning box securely attached to the tower or other mounting system?
 Is the AM Detuning box in good condition? (Sealed, loose or missing hardware, etc)
 Is the exterior of the AM Detuning box free of rust and corrosion?
 Is the AM Detuning system properly grounded?

Yes	No	Corrected	N/A
			x
			x
			x
			x
			x
			x
			x

Place x in the proper box

Comments:

SECTION K - COMPLIANCE

I understand that this information and form are the sole property of American Tower Corp.
 and may not be copied or shared without written permission from ATC.

I certify this report to be accurate and complete to the best of my knowledge and belief.

Name Kenny Vogel

Date 2/4/10

Company: Norman Tower Service, Inc.

SCI CONSTRUCTION AS-BUILT LAND SURVEY

PARENT-PARCEL LEGAL DESCRIPTION AS PROVIDED:

LOT 5 IN ANDREW BARKULES AND SONS SUBDIVISION ON THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 35, TOWNSHIP 41 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, SAID ANDREW BARKULES AND SONS SUBDIVISION RECORDED JUNE 24, 1986 AS DOCUMENT NO. 19867378, IN COOK COUNTY, ILLINOIS.

LEASE AREA LEGAL DESCRIPTION AS PROVIDED:

THAT PART OF LOT 5 IN ANDREW BARKULES AND SONS SUBDIVISION ON THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 35, TOWNSHIP 41 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, SAID ANDREW BARKULES AND SONS SUBDIVISION RECORDED JUNE 24, 1986 AS DOCUMENT NO. 19867378 BOUNDED AND DESCRIBED AS FOLLOWS: BEGINNING AT THE MOST SOUTHWESTERLY CORNER OF SAID LOT 5; THENCE NORTH 00°01'30" WEST, BEING AN ASSUMED BEARING ON THE WEST LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35, ALSO BEING THE MOST WESTERLY LINE OF SAID LOT 5, A DISTANCE OF 67.32 FEET TO THE INTERSECTION WITH THE SOUTHEASTERLY RIGHT-OF-WAY LINE OF CHICAGO AND NORTHWESTERN RAILWAY; THENCE NORTH 22°04'30" EAST ON THE SOUTHEASTERLY RIGHT-OF-WAY LINE OF SAID CHICAGO AND NORTHWESTERN RAILWAY, ALSO BEING THE NORTHWESTERLY LINE OF SAID LOT 5, A DISTANCE OF 107.0 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 67°55'30" EAST, A DISTANCE OF 40.0 FEET; THENCE NORTH 22°04'30" EAST A DISTANCE OF 40.0 FEET; THENCE NORTH 67°55'30" EAST WEST, A DISTANCE OF 40.0 FEET; THENCE SOUTH 22°04'30" WEST, A DISTANCE OF 40.0 FEET TO THE POINT OF BEGINNING, ALL IN COOK COUNTY, ILLINOIS.

EASEMENT FOR INGRESS AND EGRESS LEGAL DESCRIPTION AS PROVIDED:

THAT PART OF THE NORTH HALF OF SECTION 35, TOWNSHIP 41 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND PART OF LOT 5, IN ANDREW BARKULES AND SONS SUBDIVISION IN THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35, SAID ANDREW BARKULES AND SONS SUBDIVISION RECORDED ON JUNE 24, 1986 AS DOCUMENT NO. 19867378 BOUNDED AND DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHWEST CORNER OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35; THENCE NORTH 00°01'30" WEST, BEING AN ASSUMED BEARING ON THE WEST LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35, A DISTANCE OF 187.57 FEET; THENCE NORTH 22°04'30" EAST, A DISTANCE OF 147.30 FEET; THENCE SOUTH 67°55'30" EAST A DISTANCE OF 15.0 FEET; THENCE SOUTH 22°04'30" WEST A DISTANCE OF 144.37 FEET TO THE SOUTHEASTLY LINE OF SAID LOT 5; THENCE SOUTH 00°01'30" EAST A DISTANCE OF 184.25 FEET TO THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35; THENCE SOUTH 88°27'13" WEST ON THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35 AND THE SOUTH LINE OF THE NORTHWEST QUARTER OF SAID SECTION 35, A DISTANCE OF 15.01 FEET TO THE POINT OF BEGINNING, ALL IN COOK COUNTY, ILLINOIS.

ENCROACHMENT STATEMENT:

There are no encroachments onto or off of lease site.

ACCESS NOTE / NARRATIVE:

Access to site is via a 15' Easement for Ingress & Egress contiguous to Central Park Avenue.

SURVEYOR'S NOTES:

- The description contained hereon describes all property described in First American Title Insurance Company commitment No.11138, dated November 29, 2000.
- No underground installations or improvements were located as a part of this survey.
- No evidence of cemeteries or burial grounds was found on site at time of survey.
- Ownership of this property is subject to opinion of title and is not expressed or implied by this survey.
- This survey shows only dedications, restrictions and easements contained in the above-mentioned Title Commitment and provided to the surveyor. It is possible there are other recorded instruments, which may affect this property.
- Bearings and distances are record and measured unless otherwise noted.
- Bearings are based on record legal description.
- Subject property appears to be located in Flood Zone "X" (area outside 500 year flood plain) per F.I.R.M. No. 17031C0265 F, dated November 6, 2000.
- This survey was prepared expressly for the entities named. No other person or entity is entitled to rely upon this survey for any purpose whatsoever without the expressed, written consent of International Land Services, Inc.
- The survey shown hereon was prepared from a balanced and adjusted traverse.
- Owner (lessor) of record is Village of Lincolnwood, Illinois.
- Basis of bearings is the west line of the northwest quarter of the northeast quarter of section 35, township 41 north, range 13 east, assuming a bearing of North 00°01'30" West.

SURVEYOR'S CERTIFICATE:

I, KENT A. NAGEL, DO HEREBY CERTIFY TO SPECTRASITE COMMUNICATIONS, INC., FEDERAL AVIATION ADMINISTRATION, THAT THIS SURVEY WAS MADE ON THE GROUND UNDER MY PERSONAL SUPERVISION AND THAT THIS IS A TRUE, CORRECT REPRESENTATION OF THE FACTS AS FOUND AT THE TIME OF THE SURVEY, AND MORE SPECIFICALLY, I SO HEREBY CERTIFY THAT THE SURVEY CONFORMS TO THE CONDITIONS AND STIPULATIONS AS CHECKED (X) BELOW (NOTE: ON LEASED PARCELS, "SUBJECT PROPERTY" IS DEFINED AS THE LEASED PREMISES AND ITS APPURTENANT EASEMENTS; AND THIS SURVEY SHALL NOT BE CONSTRUED AS A FULL BOUNDARY SURVEY OF THE PARENT TRACT).

- (x) 1. CORRECTLY SHOWS THE LOCATION AND DIMENSION OF ALL ALLEYS, STREETS, ROADS, RIGHTS-OF-WAY, EASEMENTS AND OTHER MATTERS OF RECORD WHICH THE SURVEYOR HAS BEEN ADVISED AFFECTS THE SUBJECT PROPERTY (EACH HAS BEEN IDENTIFIED BY INSTRUMENT VOLUME AND PAGE NUMBER IF AVAILABLE).
- (x) 2. EXCEPT AS SHOWN THERE ARE NO VISIBLE EASEMENTS, RIGHTS-OF-WAY, PARTY WALLS OR CONFLICTS.
- (x) 3. ACCESS IS CONTIGUOUS BETWEEN THE SUBJECT PROPERTY AND A PUBLIC RIGHT-OF-WAY, AS SHOWN.
- (x) 4. THE LEGAL DESCRIPTION DEPICTED HEREON IS THE SAME DEMISED IN THE TITLE COMMITMENT OR CURRENT LEASE REFERENCED HEREON.
- (x) 5. SURVEY MEETS THE MINIMUM TOLERANCES OF PRECISION FOR BOUNDARY SURVEYS AS SET FORTH BY ILLINOIS STATE LAW.

STATE OF ILLINOIS
COUNTY OF COOK S.S.THIS PROFESSIONAL SERVICE CONFORMS
TO THE CURRENT ILLINOIS MINIMUM
STANDARDS OF PRACTICE APPLICABLE
FOR A BOUNDARY SURVEY.WHEELING, IL. 4/2 A.D. 200 L
GEOCON, LTD.BY *Kent A. Nagel*
ILLINOIS PROFESSIONAL LAND SURVEYOR
LICENSE EXPIRES: NOVEMBER 30, 2002

- LEGEND**
- SANITARY MANHOLE
 - STORM MANHOLE
 - CATCH BASIN
 - INLET, CURB BOX
 - ANCHOR
 - VALVE VAULT
 - FIRE HYDRANT
 - WATER METER
 - II-BOX
 - VALVE BOX
 - GAS VALVE
 - GAS BOX
 - ST. PEDESTAL
 - TELEPHONE MANHOLE
 - UTILITY POLE
 - LIGHT POLE (W/ST ARM)
 - LIGHT POLE
 - ELECTRIC MANHOLE
 - ELECTRIC METER
 - TRAFFIC SIGNAL BOX
 - TRAFFIC SIGNAL POLE
 - TRAFFIC SIGNAL MANHOLE
 - SIGN
 - MAIL BOX
 - BOLLARD POST
 - X—X—FENCE

ELEVATION DATUM

TOWER TYPE: Lattice
ALL ELEVATIONS ARE BASED ON NAVD 1988 DATUM.
GROUND ELEVATION: 601'
STRUCTURE HEIGHT: 100.2'
ELEVATION OF TOP OF TOWER: 701.2'
ELEVATION OF HIGHEST POINT: 711.2'

LATITUDE AND LONGITUDE VALUES FOR THE CENTER OF THE TOWER ARE ACCURATE TO WITHIN 1/4" FEET HORIZONTALLY. ELEVATION DATUM IS ACCURATE TO WITHIN 3 +/- FEET VERTICALLY.

LATITUDE & LONGITUDE

LATITUDE AND LONGITUDE FOR THE EXISTING TOWER

BASED ON NAD 83
LATITUDE: 42°00'32.7"
LONGITUDE: 87°43'07.2"

THIS IS TO CERTIFY THAT THE GEOGRAPHICAL LOCATION SHOWN ABOVE IS ACCURATE TO WITHIN +/- 15 FEET HORIZONTAL AND 3 +/- FEET VERTICAL.

THE UTILITIES AS SHOWN ON THIS DRAWING WERE DEVELOPED FROM THE INFORMATION AVAILABLE. THIS IS NOT IMPLIED NOR INTENDED TO BE THE COMPLETE INVENTORY OF UTILITIES IN THIS AREA. IT IS THE CLIENTS RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND PROTECT SAID UTILITIES FROM ANY DAMAGE.

ZONING DATA

ZONE: M (Manufacturing)
As per Village of Lincolnwood Zoning Department,
847-873-7402
SETBACKS: FRONT: 25'
REAR: 5'

Maximum Bulk: 1.2
Maximum Height: N/A
Parking: N/A

NOTES CORRESPONDING TO SCHEDULE B:

THE COMMITMENT FOR TITLE INSURANCE ISSUED BY FIRST AMERICAN TITLE INSURANCE COMPANY DATED NOVEMBER 29, 2000, AS COMMITMENT NO.11138, CONTAINS THE FOLLOWING EXCEPTIONS WHICH ARE SURVEY MATTERS:

- ① - ⑧ GENERAL IN NATURE AND ARE NOT PLOTTED HEREON.
- ⑨ GENERAL TAXES FOR THE YEAR 2000 AND THEREAFTER IS NOT PLOTTED HEREON.
- ⑩ MORTGAGES, ENCUMBRANCES, AND INTERESTS SUBORDINATE TO THE INTEREST OF THE LESSEE UNDER SITE AGREEMENT IS NOT PLOTTED HEREON.
- ⑪ TERMS AND PROVISIONS OF THE SITE AGREEMENT DATED MAY 17, 1990 RECORDED AS DOCUMENT NO. 90-350397 IS NOT PLOTTED HEREON.
- ⑫ EASEMENT GRANTED TO VILLAGE OF LINCOLNWOOD RECORDED AS DOCUMENT NO. 24899522 IS NOT AVAILABLE THEREFORE IS NOT PLOTTED HEREON.
- ⑬ EASEMENTS FOR PUBLIC UTILITIES AND DRAINAGE OVER, UPON AND UNDER THE SOUTHEASTERLY 20 FEET OF LAND AS SHOWN BY THE SUBDIVISION PLAT, IS PLOTTED HEREON.
- ⑭ TERMS, CONDITION AND PROVISION OF THE DOCUMENT CREATING THE EASEMENT DESCRIBED TOGETHER WITH THE RIGHTS OF THE ADJOINING OWNERS IN AND TO THE CONCURRENT USE OF SAID EASEMENT, IS NOT PLOTTED HEREON.
- ⑮ TERMS, PROVISIONS AND CONDITIONS IN DEED RECORDED AS DOCUMENT NO. 14168825.
- ⑯ GENERAL IN NATURE AND IS NOT PLOTTED HEREON.

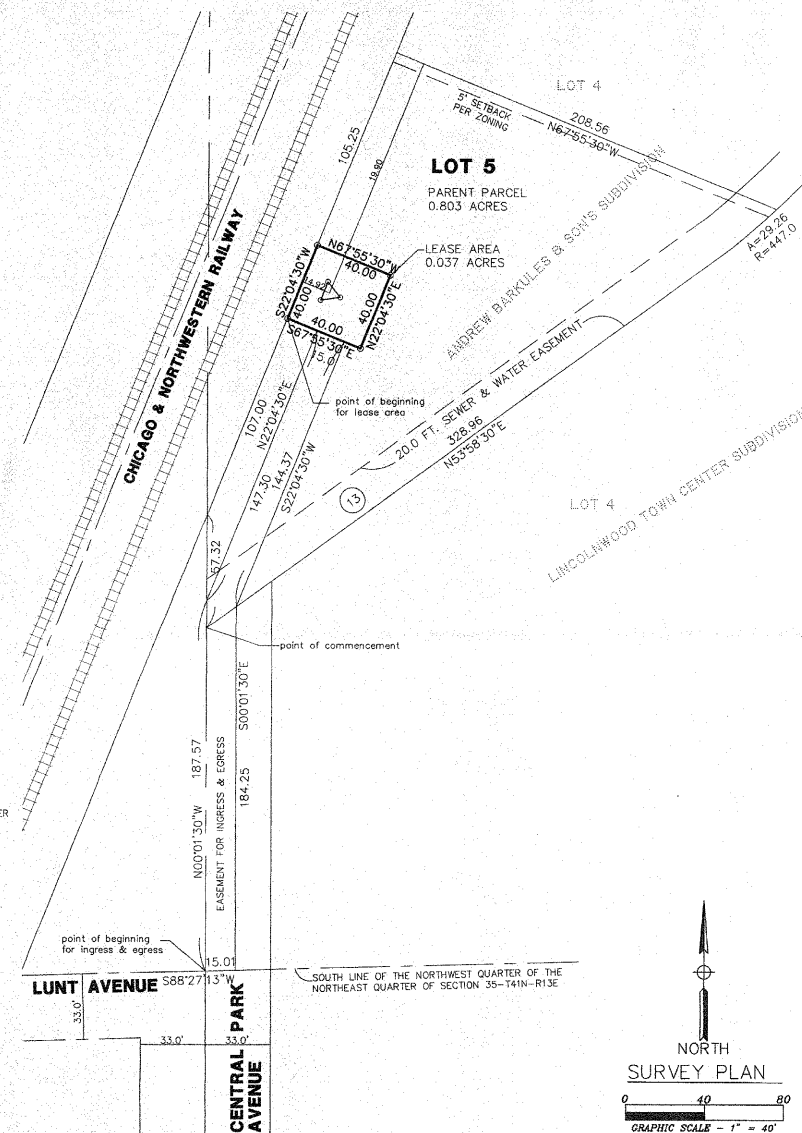
Surveyor: **GEOCON, LTD.**
on **IC CONSULTING company**
(847) 215-1133 300 MARQUARDT DRIVE
(847) 215-1177 fax WHEELING, IL 60090
geocon@icconsulting.net FIRM NO. 048-000119

Work Coordinated by:
International
2230 MCKOWN DRIVE
Norman, Oklahoma 73072
(405) 701-2323 www.viewiws.com

Prepared For:
SPECTRASITE COMMUNICATIONS
100 REGENCY FOREST DRIVE, SUITE 400
CARY, NC. 27511

Project Location:
LINCOLNWOOD, ILLINOIS
Project Address:
7001 CENTRAL PARK
Site Name:
LINCOLNWOOD
SpectraSite
Number: IL-0283

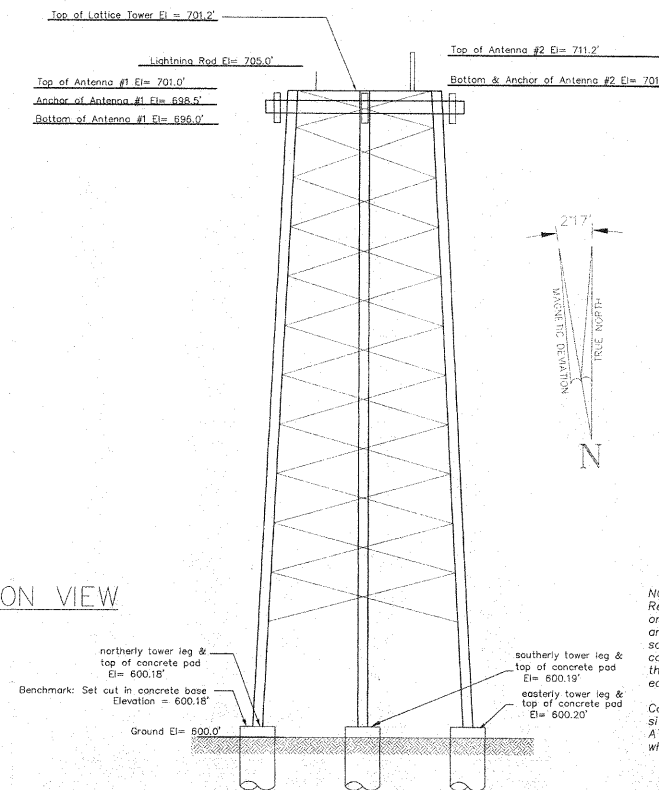
SHEET 1 OF 1

NORTH
SURVEY PLAN

GRAPHIC SCALE - 1" = 40'

TOWER ELEVATION VIEW

not to scale



NOTE: Only those Building Line Restrictions or Easements shown on a Recorded Subdivision Plat are shown hereon unless the descriptions ordered to be surveyed contains a proper description of the required building lines or easements.

Compare your description and site markings with this plat and AT ONCE report any discrepancies which you may find.



Return to VBA
AMERICAN TOWER
CORPORATION



**AMERICAN TOWER CORP.
LINCOLNWOOD [303900]
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS**

MARCH 2014

CITY PLAN REVIEW



PROJECT ID:	303900
EDGE PROJECT NO:	10211
DRAWN BY:	APK
CHECKED BY:	BDK

B	03/11/2014	CD 90's SMALL CELL	JAH
A	02/25/2014	PRELIM SMALL CELL	APK
REV.	DATE	DESCRIPTION	INT.

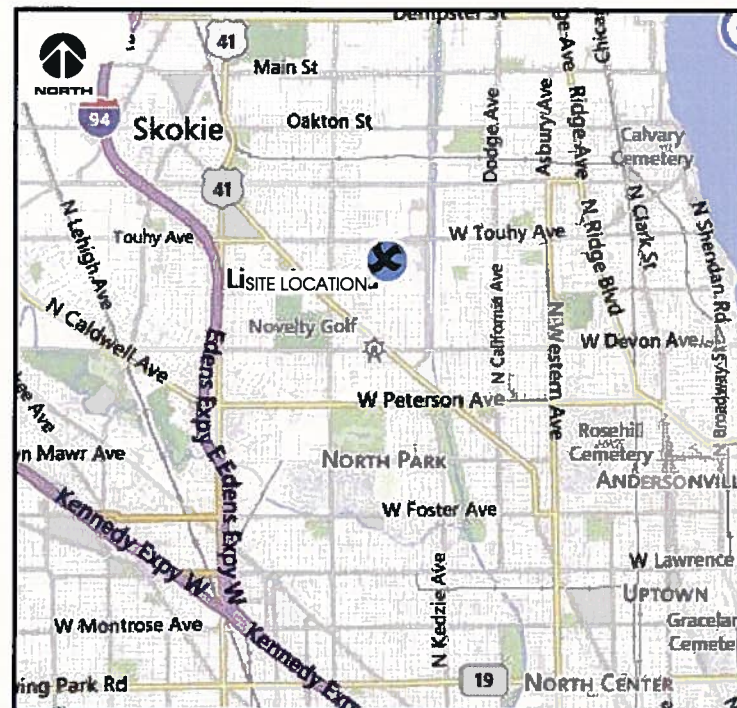


IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS THEY ARE ACTING UNDER THE
DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER, TO ALTER THIS DOCUMENT.

LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE
**TITLE SHEET &
PROJECT DATA**

SHEET NUMBER
T-1



SITE LOCATION MAPS



SITE LOCATION SCAN

SHEET INDEX:

NO.:	PAGE TITLE:
T-1	TITLE SHEET & PROJECT DATA
1-2	SITE SURVEY*
C-1	SITE PLAN
C-2	COMPOUND PLAN
C-3	EQUIPMENT DETAILS
A-1	TOWER ELEVATION
A-2	ANTENNA DETAILS
A-3	ANTENNA CONFIGURATION
G-1	GROUNDING PLAN
G-2	GROUNDING DETAILS
E-1	ONE-LINE DIAGRAM

PREPARED BY OTHERS*

PROJECT DESCRIPTION:

PROJECT TYPE: 100' SELF-SUPPORT TOWER
PRO. ANTENNA C/L: 30' ABOVE T.O.C. (VERIFY WITH ECR)
ANTENNAS: 3 PRO. SMALL CELL ANT. (VERIFY WITH ECR)
COAX LINES: (2) PRO. FIBER CABLES (VERIFY WITH ECR)
(2) PRO. A/C POWER CABLES (VERIFY WITH ECR)
EQUIPMENT: (1) PRO. RRUS (VERIFY WITH ECR)
(1) PRO. RRUL (VERIFY WITH ECR)
GROUND EQUIPMENT: (1) CHARLES CABINET ON CONCRETE SLAB
LEASE AREAS: PRO. 3' x 6' LESSEE LEASE AREA
CONDUITS: (2) 2" CONDUITS

PROJECT DIRECTORY:

CLIENT:
AMERICAN TOWER CORP.
1101 PERIMETER DRIVE
SUITE 700
SCHAUMBURG, IL 60173
CONTACT: CHRISTOPHER FLICK
PHONE: 847.240.1508 EX. 2574

ENGINEERING COMPANY:
EDGE CONSULTING ENGINEERS, INC.
624 WATER STREET
PRAIRIE DU SAC, WI 53578
CONTACT: BRUCE KIESLING
PHONE: 608.644.1449

SITE ACQUISITION:
LORA, CHANTHADOUANGSY & CASTELLANOS, LLC
10700 WEST HIGGINS ROAD, SUITE 240
ROSEMONT, IL 60018
CONTACT: KRISTIN HERSEMAN
PHONE: 847.380.5004

FIBER PROVIDER:
AT&T
CONTACT: HENRY TORRES

PROJECT INFO:

SITE LOCATION:
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, IL 60712

LESSEE:
VERIZON WIRELESS
1515 E. WOODFIELD ROAD
10TH FLOOR
SCHAUMBURG, IL 60173
SITE NAME: LINCOLNWOOD ATC SC
VZW LOCATION #: 277176

TOWER OWNER:
AMERICAN TOWER CORP. (ATC)
1101 PERIMETER DRIVE
SUITE 700
SCHAUMBURG, IL 60173
ATC #: 303900

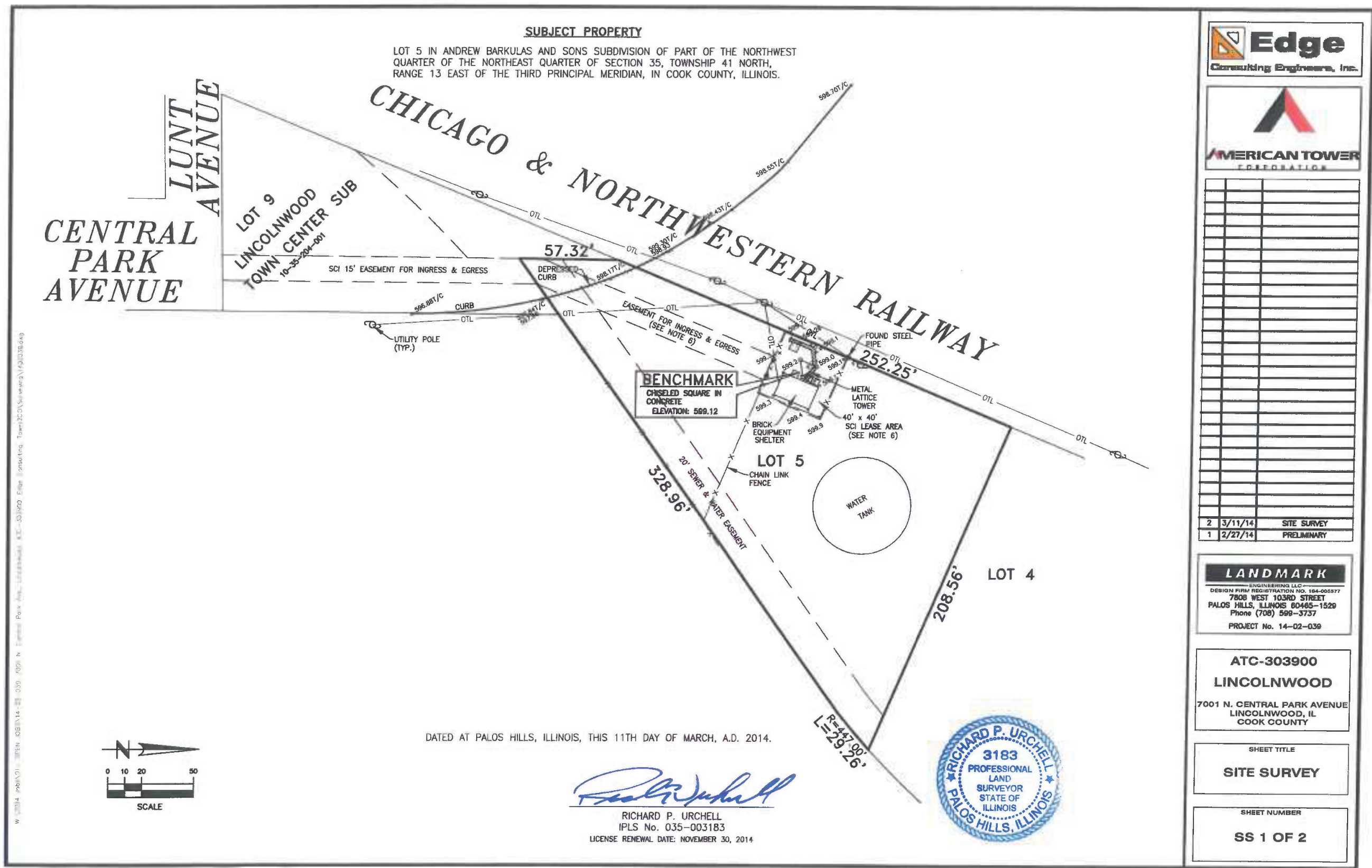
1A INFORMATION (PER ATC SITE BROCHURE)
-TOWER BASE-
LAT: 42°-00'-32.7"
LONG: 87°-43'-07.3"
GROUND ELEVATION: 600'

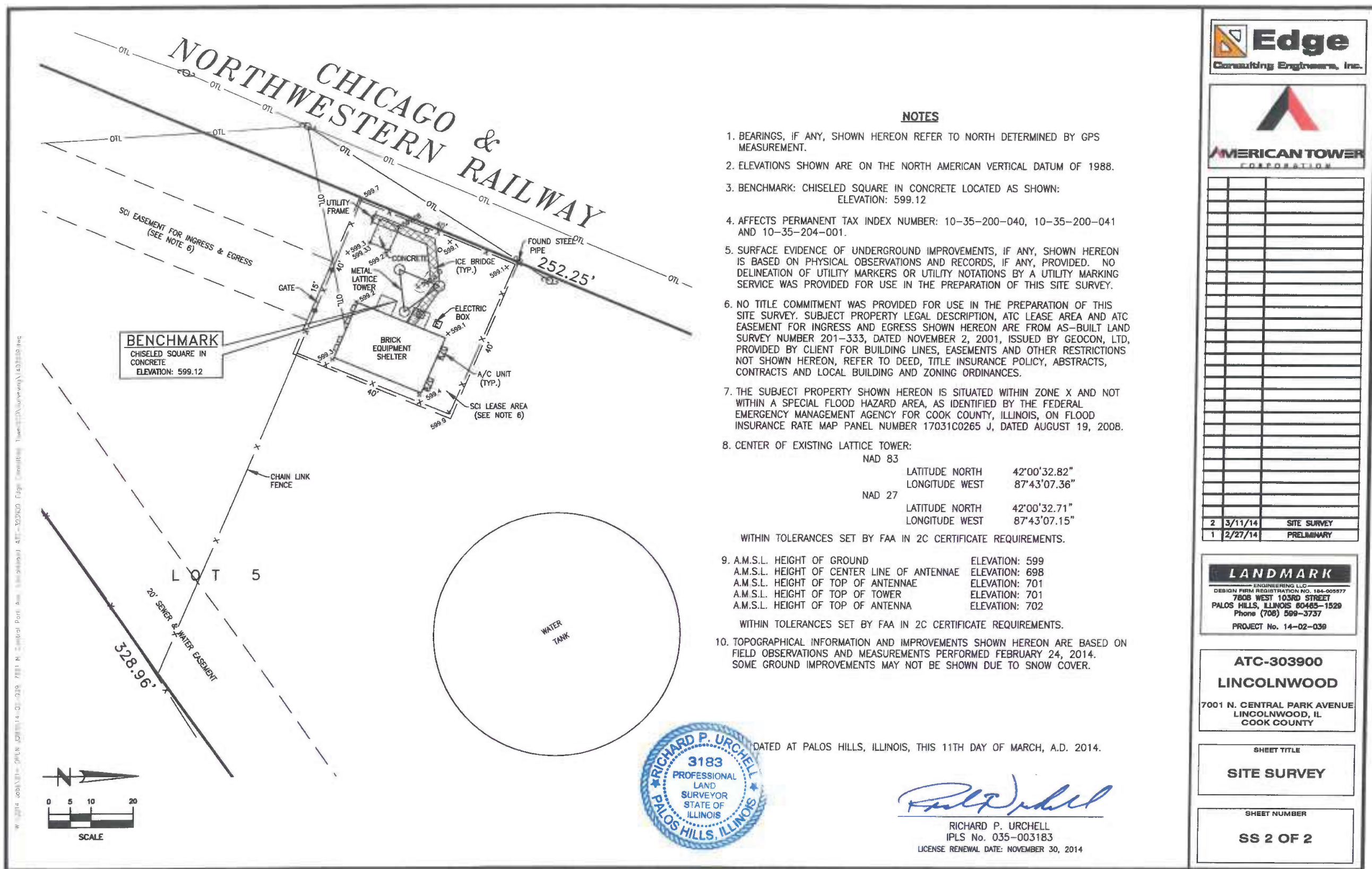
STRUCTURAL REVIEW

TOWER STRUCTURAL ANALYSIS COMPLETED BY
STRUCTURAL ENGINEER. REFER TO ANALYSIS BY:

AMERICAN TOWER CORPORATION
REPORT #: 56280725
DATE: 02/26/2014

CONTRACTOR TO REVIEW STRUCTURAL REPORT IN ITS
ENTIRETY. ANY DISCREPANCIES OR DISAGREEMENTS
BETWEEN THE REPORT AND THESE PLANS SHOULD BE
RESOLVED PRIOR TO CONSTRUCTION.







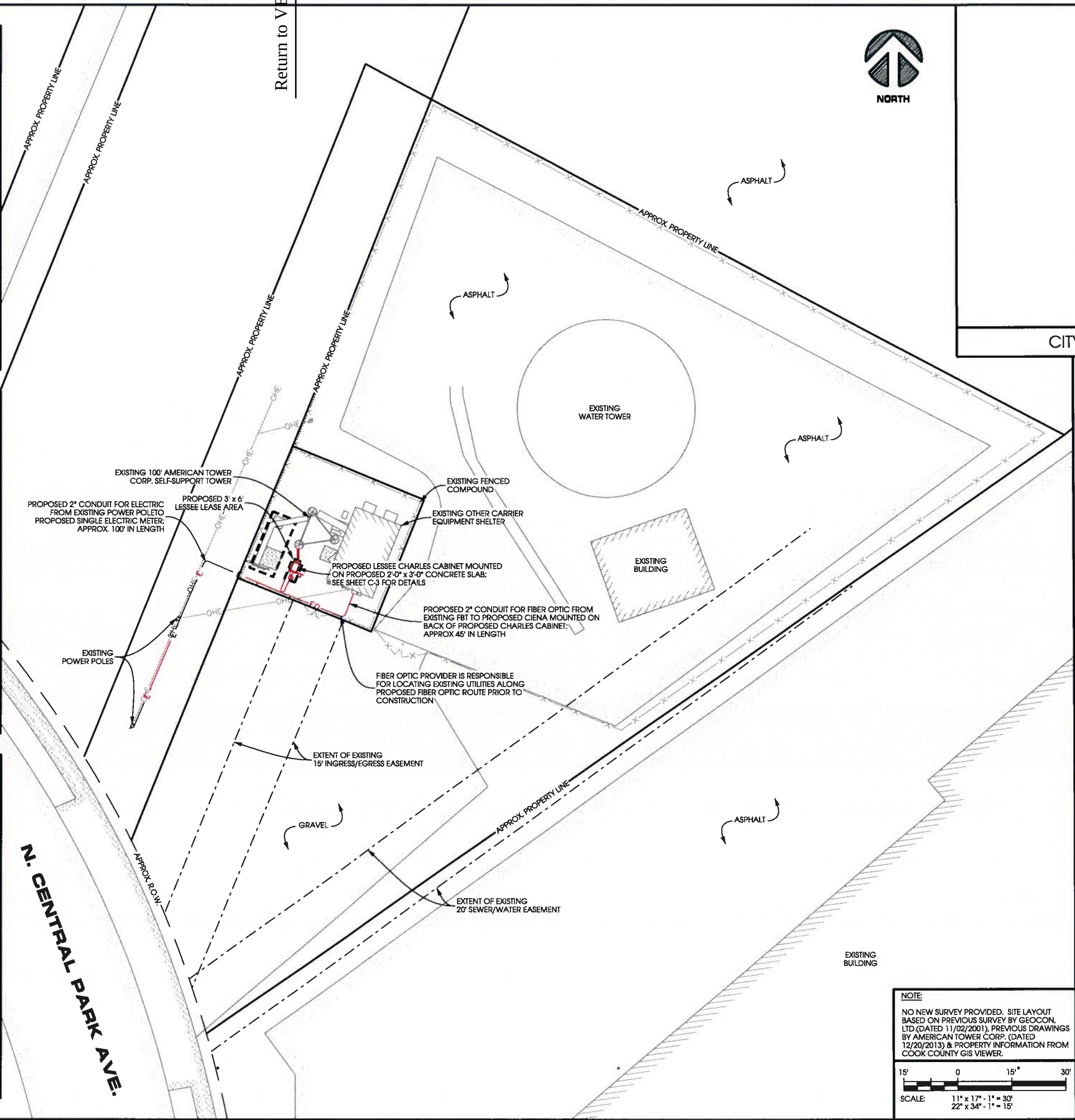
AERIAL OVERVIEW OF SITE



SITE OVERVIEW - LOOKING NORTH -



PROPOSED EQUIPMENT LOCATION - LOOKING NORTHEAST -



CITY PLAN REVIEW



PROJECT ID:	303900
EDGE PROJECT NO:	10211
DRAWN BY:	APK
CHECKED BY:	BDK

REV.	DATE	DESCRIPTION	INT.
B	03/11/2014	CD 90's SMALL CELL	JAH
A	02/25/2014	PRELIM SMALL CELL	APK



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

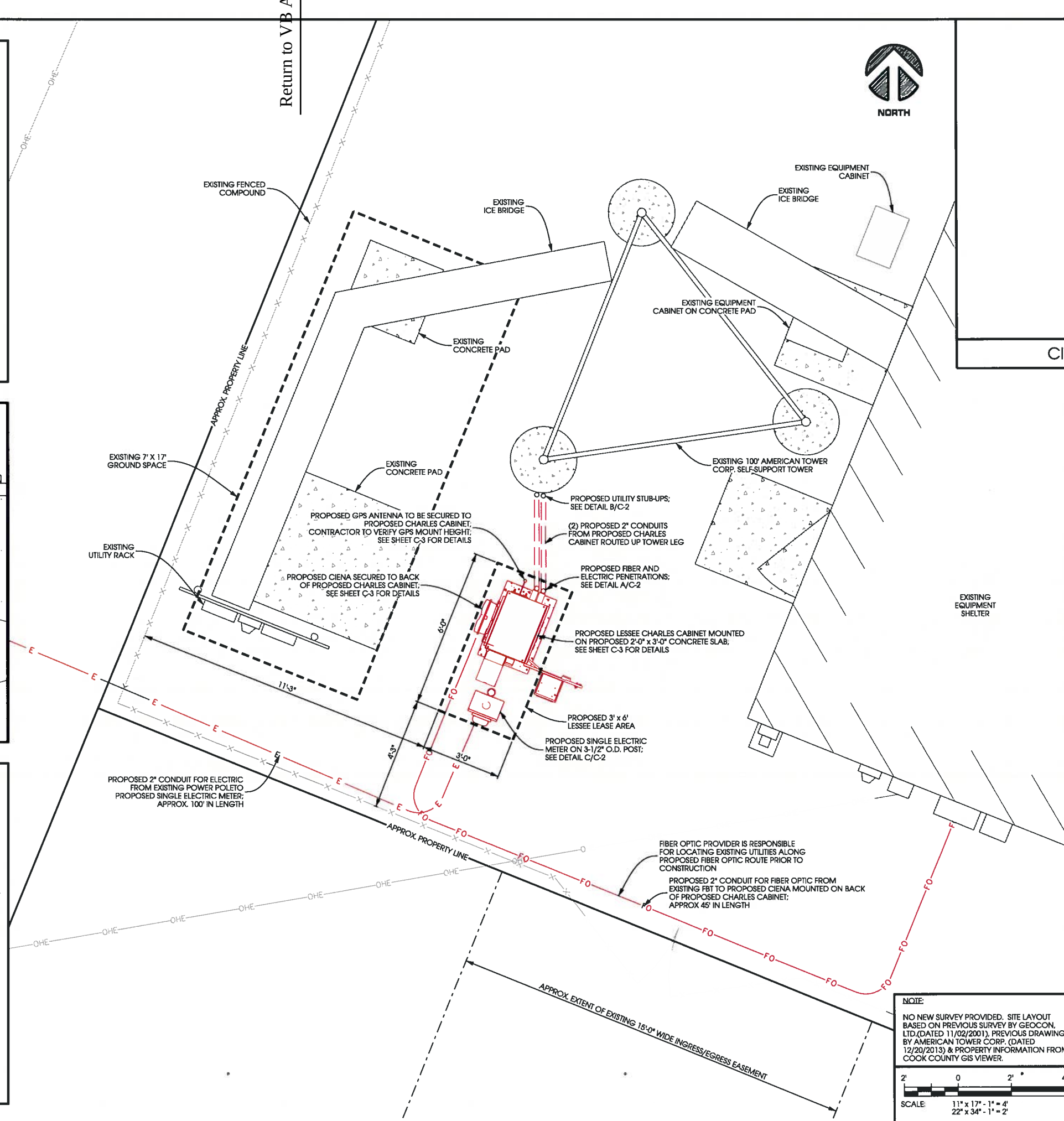
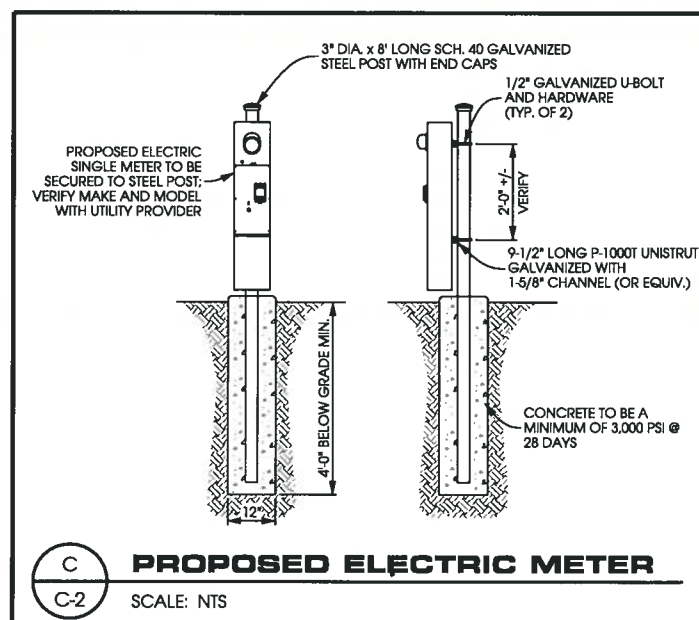
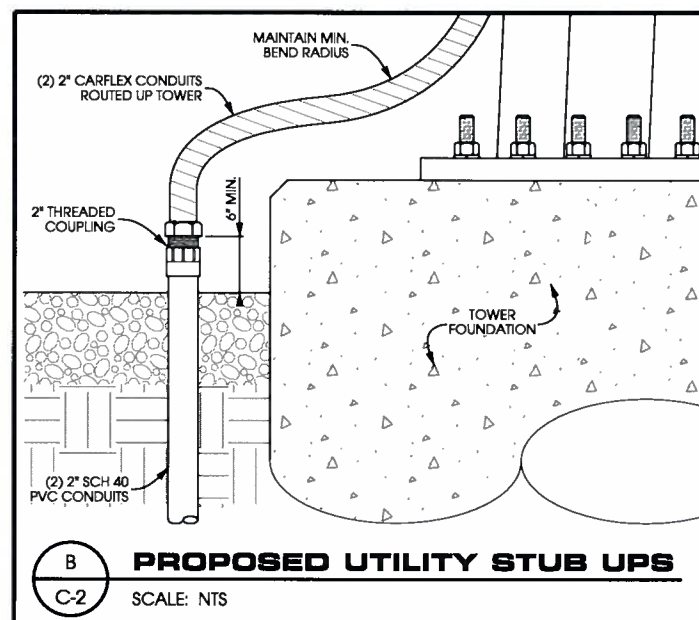
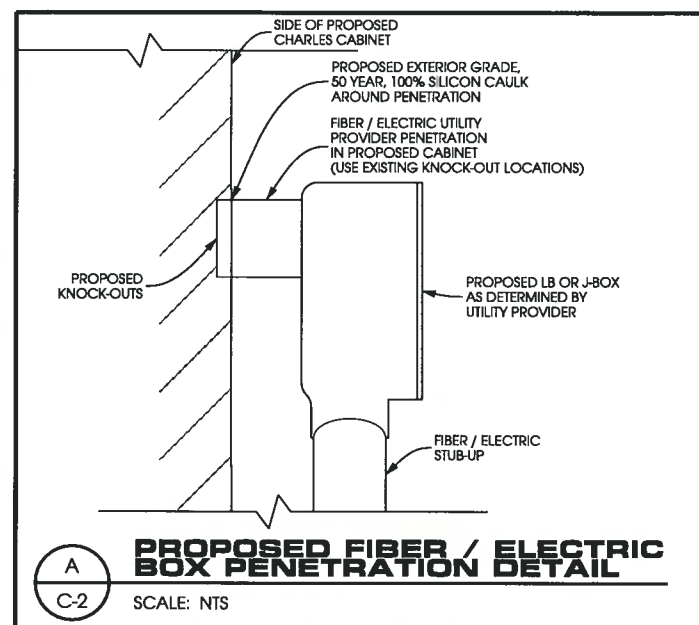
SHEET TITLE
SITE PLAN

SHEET NUMBER
C-1

NOTE:
NO NEW SURVEY PROVIDED. SITE LAYOUT BASED ON PREVIOUS SURVEY BY GEOCON, LTD. (DATED 11/02/2001). PREVIOUS DRAWINGS BY AMERICAN TOWER CORP. (DATED 12/20/2013) & PROPERTY INFORMATION FROM COOK COUNTY GIS VIEWER.

SCALE: 1" = 30'
11" x 17" - 1" = 30'
22" x 34" - 1" = 15'

11/02/2013 11:02:11 CAD (P) Red Small Cell Drawing (C-1).dgn



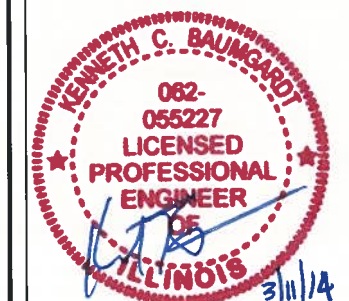
NORTH

CITY PLAN REVIEW



PROJECT ID:	303900
EDGE PROJECT NO:	10211
DRAWN BY:	APK
CHECKED BY:	BDK

B	03/11/2014	CD 90's SMALL CELL	JAH
A	02/25/2014	PRELIM SMALL CELL	APK
REV.	DATE	DESCRIPTION	INT



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ENGINEER, TO ALTER THIS DOCUMENT.

LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE

COMPOUND PLAN

SHEET NUMBER

C-2

NOTE:

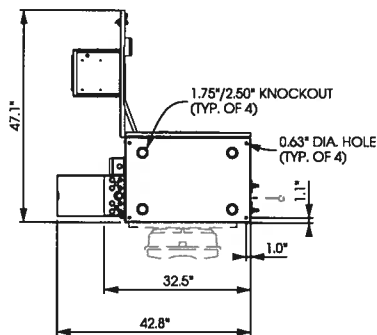
NO NEW SURVEY PROVIDED. SITE LAYOUT BASED ON PREVIOUS SURVEY BY GEOCON, LTD.(DATED 11/02/2001). PREVIOUS DRAWINGS BY AFRICAN TOWER CORP. (DATED 12/20/2013) & PROPERTY INFORMATION FROM COCK COUNTY GIS VIEWER.

2' 0 2' 4'

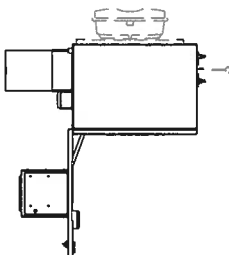
SCALE

11" x 17" = 1' = 4"
22" x 34" = 1' = 2"

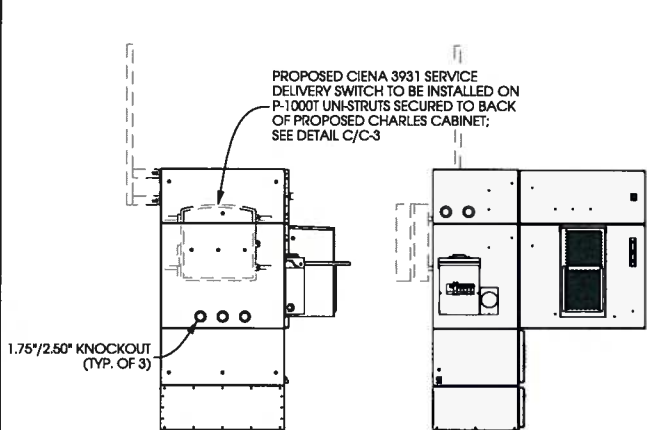
NOTE:
CONTRACTOR TO VERIFY THE PROPOSED EQUIPMENT CABINET WILL HAVE NO OBSTRUCTIONS WITH SURROUNDING BUILDINGS OR EQUIPMENT.



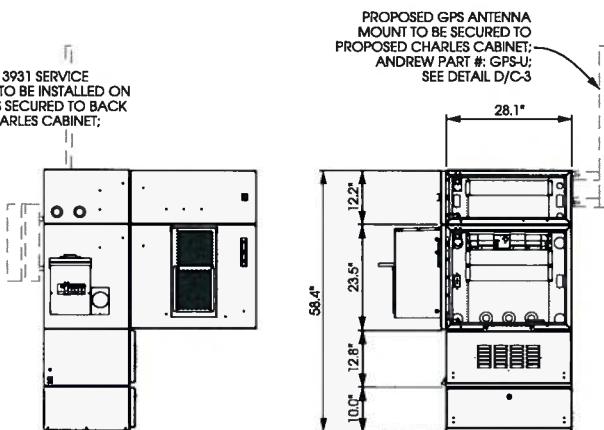
BOTTOM VIEW



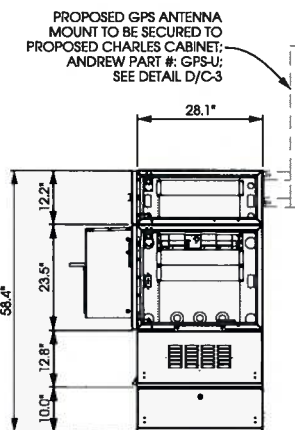
TOP VIEW



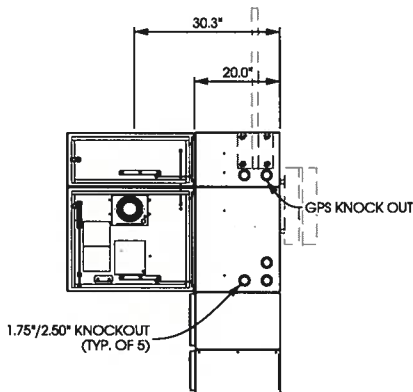
BACK VIEW



LEFT VIEW

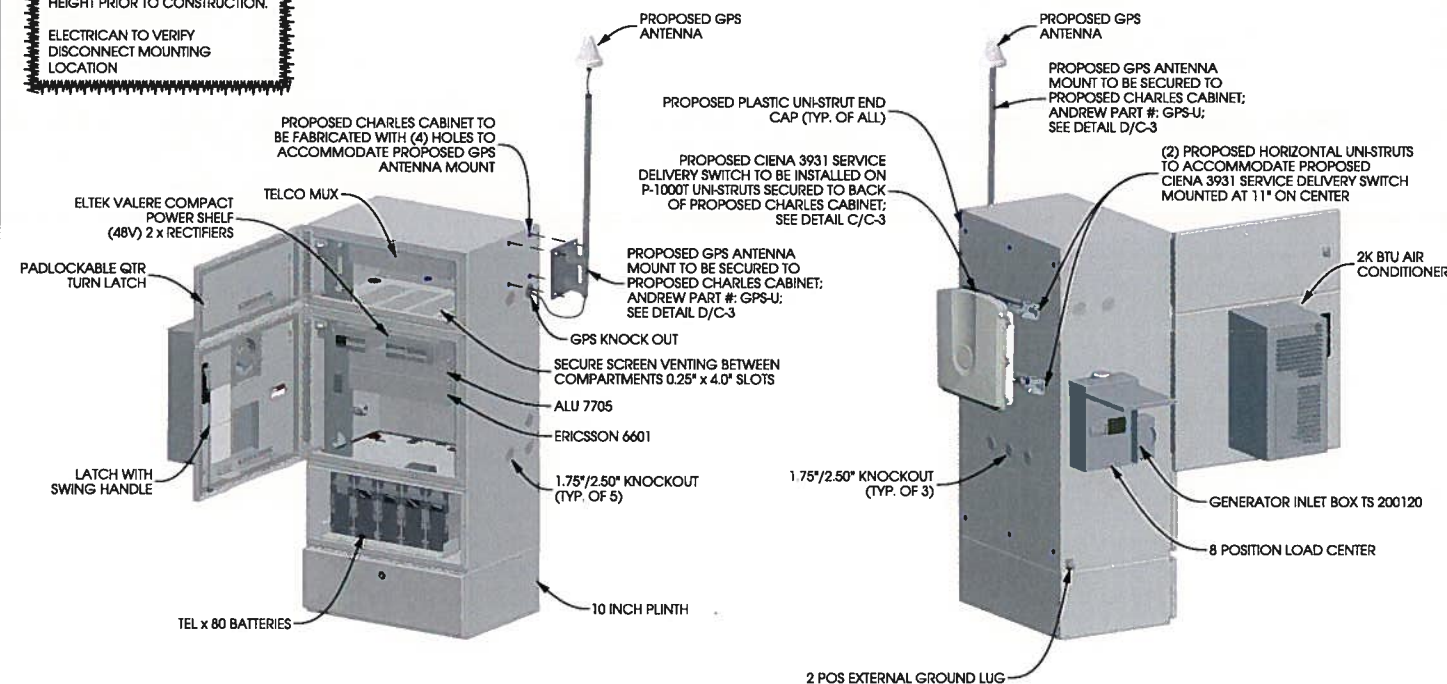


FRONT VIEW

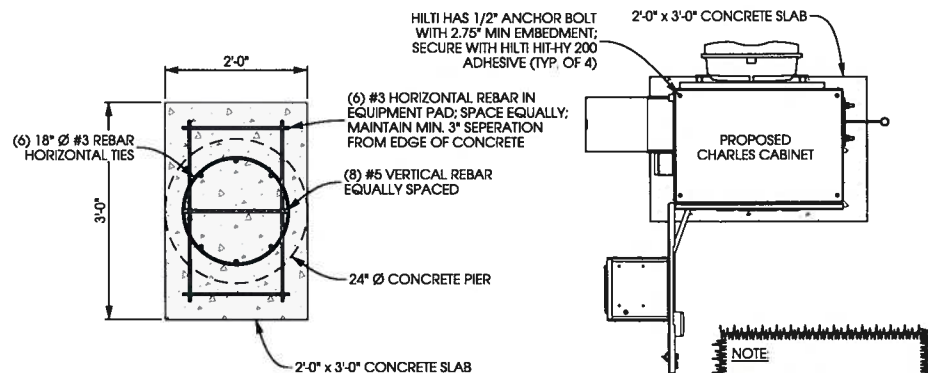


RIGHT VIEW

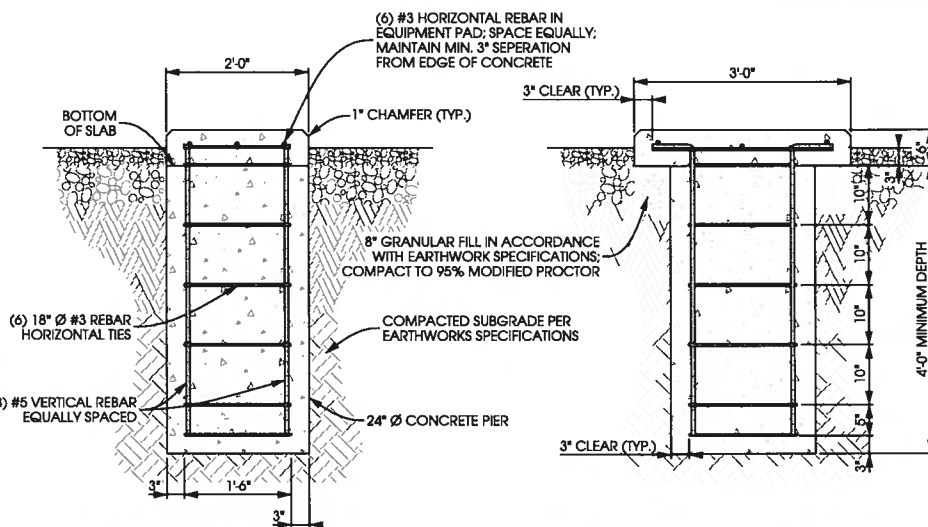
NOTE:
CONTRACTOR TO VERIFY PROPOSED GPS ANTENNA MOUNT HEIGHT PRIOR TO CONSTRUCTION.
ELECTRICIAN TO VERIFY DISCONNECT MOUNTING LOCATION



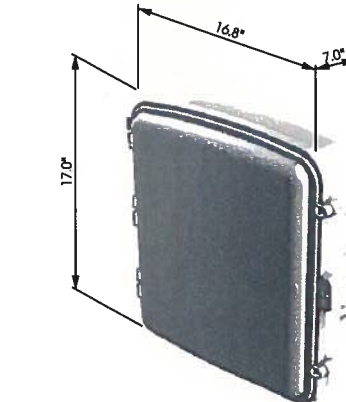
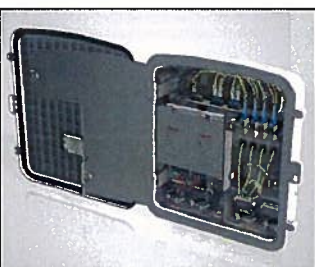
A CHARLES CABINET DETAILS
SCALE: NTS



NOTE
CONCRETE STRENGTH TO BE 3,000 P.S.I. AT 28 DAYS

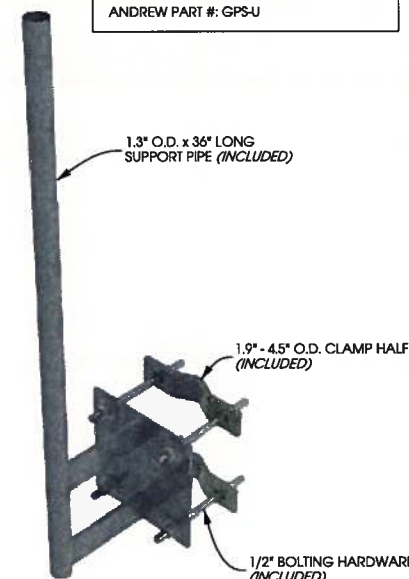


B CABINET FOUNDATION DETAIL
SCALE: 11" x 17" - 3/8" = 1'
22" x 34" - 3/4" = 1'



C CIENA 3931 DETAIL
NTS

GPS ANTENNA MOUNT OVERVIEW:
- TO BE MOUNTED TO THE SIDE OF THE PROPOSED CHARLES CABINET WITH SUPPLIED HARDWARE.
ANDREW PART #: GPS-U



D GPS MOUNT DETAIL
NTS

CITY PLAN REVIEW



PROJECT ID:	303900
EDGE PROJECT NO:	10211
DRAWN BY:	APK
CHECKED BY:	BDK

REV.	DATE	DESCRIPTION	INT.
B	03/11/2014	CD 90's SMALL CELL	JAH
A	02/25/2014	PRELIM SMALL CELL	APK



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LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE
**EQUIPMENT
DETAILS**

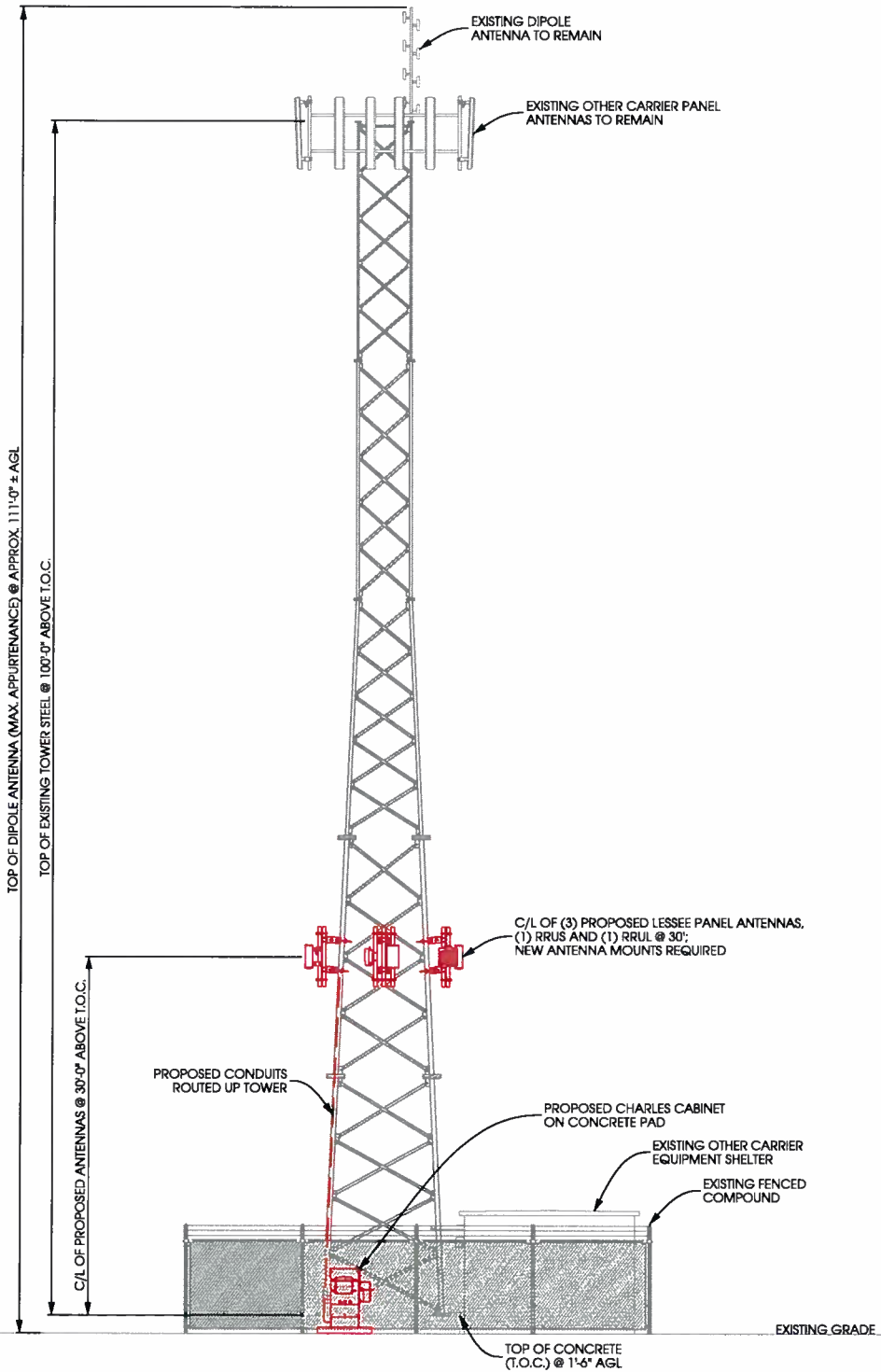
SHEET NUMBER
C-3

FIBER CABLE INFO TABLE	
QUANTITY FROM CHARLES CABINET:	2
LENGTH FROM CHARLES CABINET TO EQUIPMENT ON TOWER:	55'±
MODEL #:	GENERIC

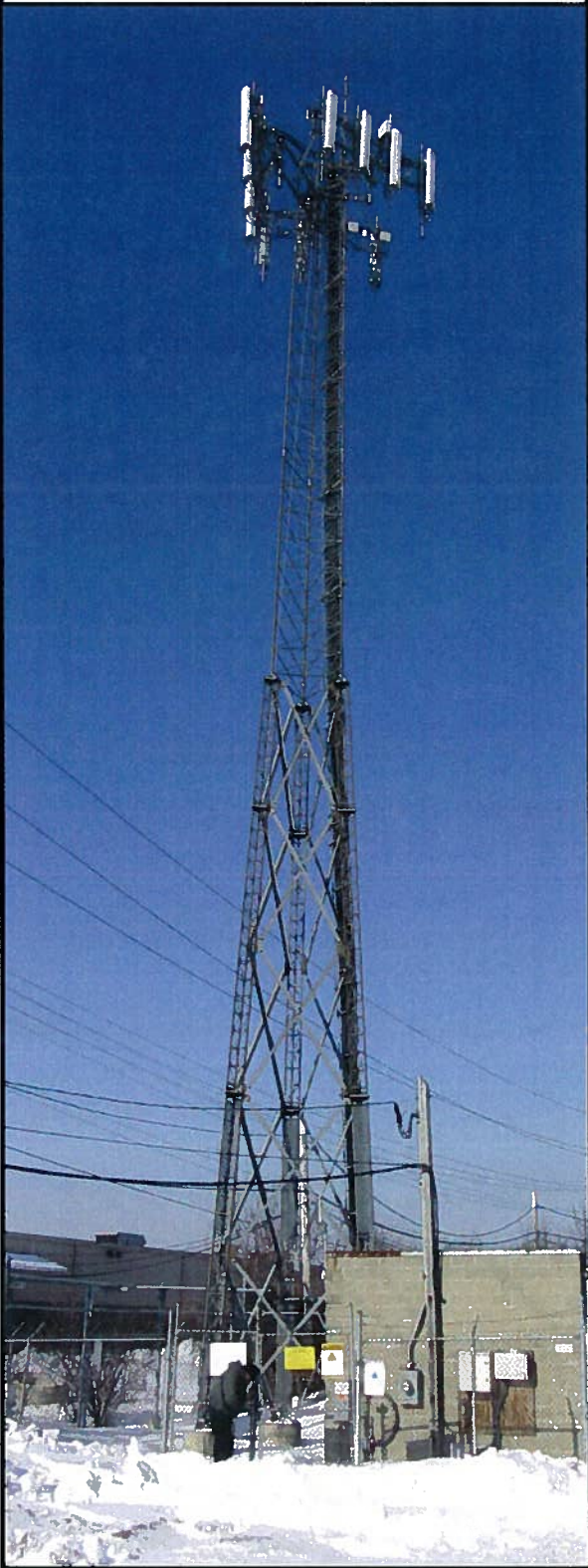
JUMPER CABLE INFO TABLE	
DESCRIPTION:	
ALPHA SECTOR:	15'± FROM RRU TO ALPHA SECTOR ANTENNA
BETA SECTOR:	15'± FROM RRU TO BETA SECTOR ANTENNA
GAMMA SECTOR:	15'± FROM RRU TO GAMMA SECTOR ANTENNA

NOTES:
 CONTRACTOR TO VERIFY HEIGHT AND DIRECTION OF ANTENNA WITH PROJECT MANAGER & FINAL RF DESIGN.
 ALL ANTENNA AZIMUTHS TO BE FROM TRUE NORTH.

COLLOCATION NOTE:
 REFER TO STRUCTURAL ANALYSIS AS IDENTIFIED ON T-1.
 CONTRACTOR TO THOROUGHLY REVIEW THE TOWER STRUCTURAL ANALYSIS FOR INFORMATION PERTAINING TO TOWER UPGRADES, MOUNTING TYPES, ANTENNA HEIGHTS, AND COAX ROUTING. ANY DISCREPANCIES BETWEEN THE DRAWINGS, STRUCTURAL ANALYSIS, AND TOWER PLANS SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER PRIOR TO BIDDING AND INSTALLATION.



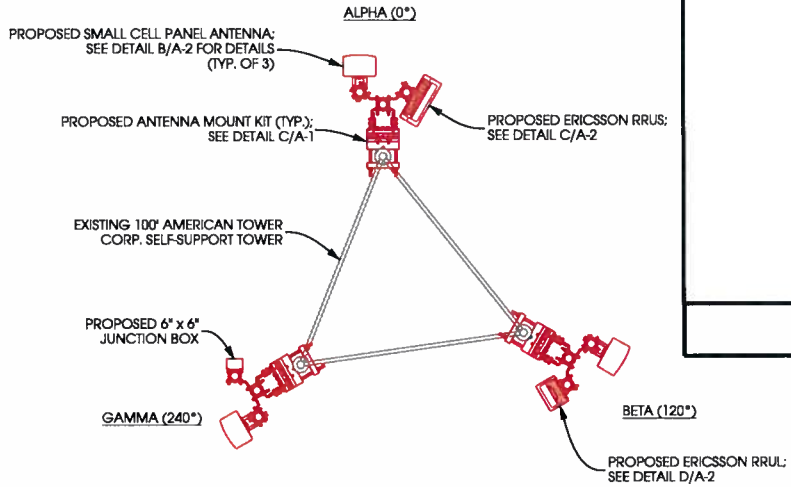
A
TOWER PROFILE (SOUTH ELEVATION)
 SCALE: 11" x 17" - 1" = 15'
 22" x 34" - 1" = 7'-6"



EXISTING TOWER PROFILE - LOOKING NORTHWEST -

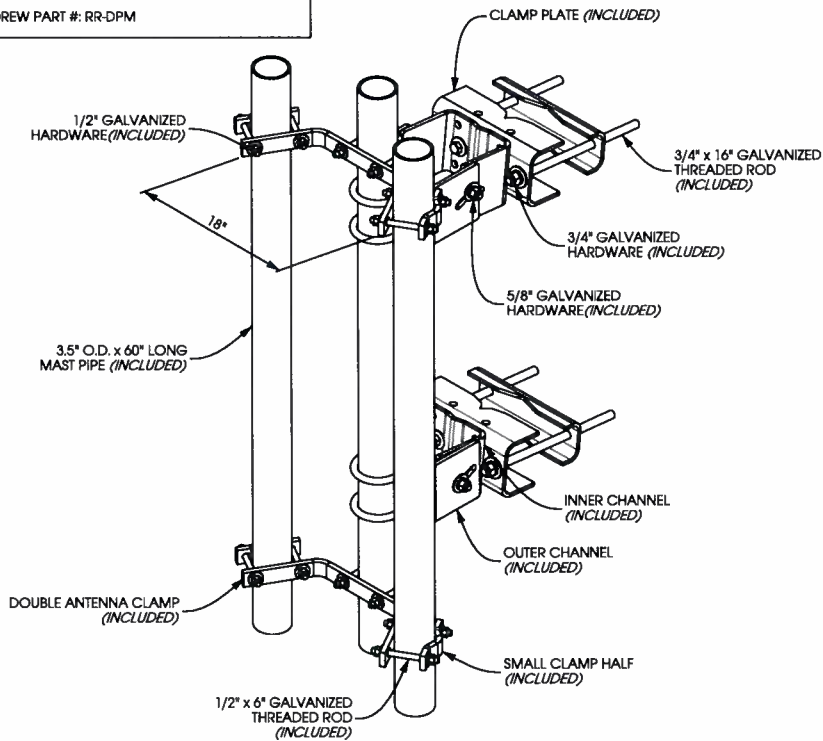
- ANTENNA LEGEND:**
- PROPOSED SMALL CELL ANTENNA
 - PROPOSED RRU
 - PROPOSED RRUL
 - PROPOSED 6" x 6" JUNCTION BOX

NOTE:
 ALL ANTENNA AZIMUTHS TO BE FROM TRUE NORTH.



B
PROPOSED ANTENNA ORIENTATION
 SCALE: NTS

DUAL PIPE MOUNT:
 DUAL PIPE MOUNT FOR STRAIGHT OR TAPERED LEGS UP TO 8-5/8" O.D., 8" ANGLE 60°, OR 6" ANGLE 90°
 ANDREW PART #: RR-DPM



C
PROPOSED ANTENNA MOUNT DETAIL
 SCALE: NTS

CITY PLAN REVIEW

Edge
 Consulting Engineers, Inc.

PROJECT ID:	303900
EDGE PROJECT NO:	10211
DRAWN BY:	APK
CHECKED BY:	BDK

REV.	DATE	DESCRIPTION	INT.
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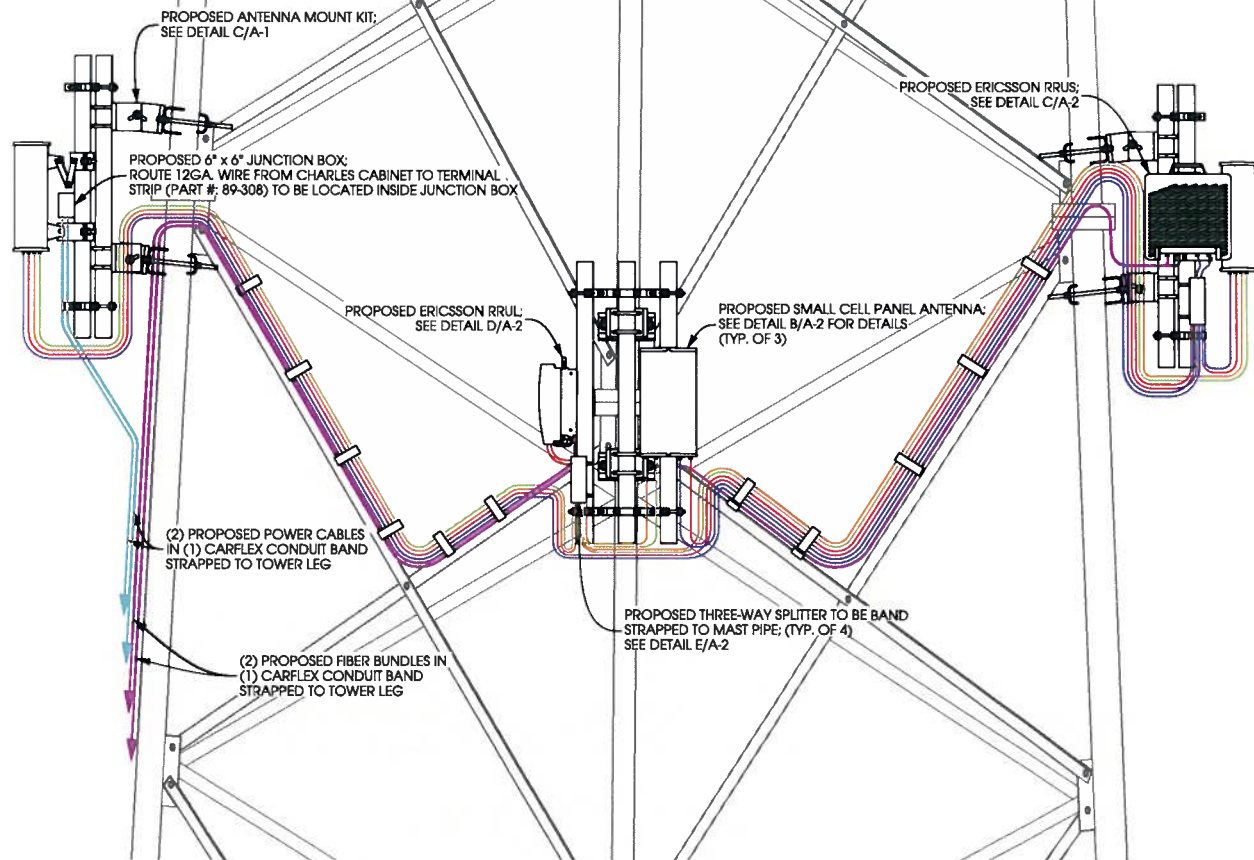
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LINCOLNWOOD
 303900
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 LINCOLNWOOD, ILLINOIS
 SMALL CELL DRAWINGS

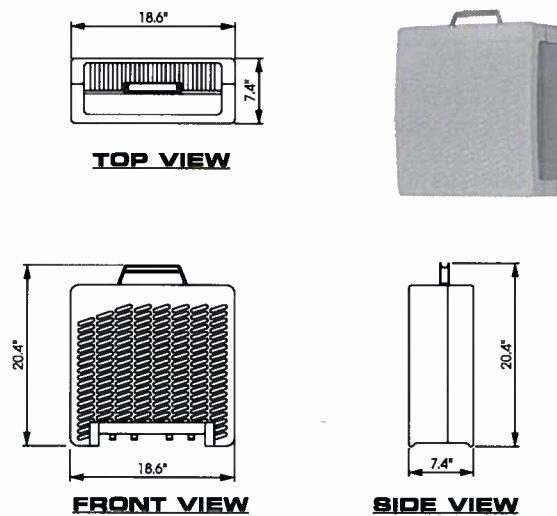
SHEET TITLE
TOWER ELEVATION

SHEET NUMBER

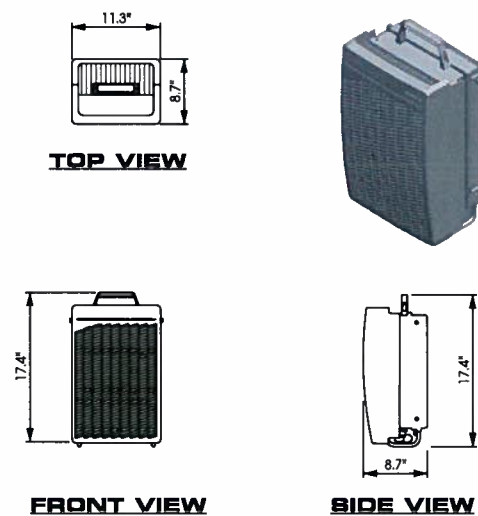
A-1



A CABLING DIAGRAM
A-2 SCALE: NTS



C ERICSSON RRUS UNIT
A-2 SCALE: NTS



D ERICSSON RRUL UNIT
A-2 SCALE: NTS

696-900 / 1710-2170 MHz

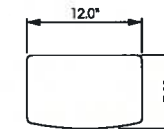
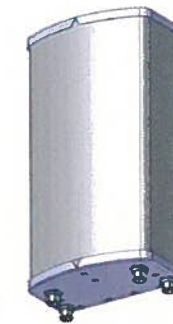


QXW-632X634XBF-EDIN

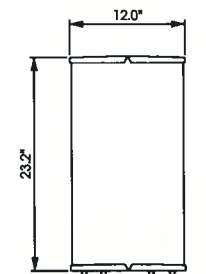
XX-Pol | Dual Band FET Panel | 63° / 63° | 11.6 / 14.3 dBi

Replace "X" with desired electrical downtilt

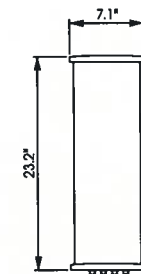
Electrical Characteristics	696-900 MHz		1710-2170 MHz	
	Frequency bands	696-900	1710-1880	1850-1990 1900-2170
Polarization		±45°		±45°
Horizontal beamwidth		70°	65°	63° 61°
Vertical beamwidth		37°	35°	18° 18°
Gain		9.0 dBi / 11.1 dBi	9.5 dBi / 11.8 dBi	11.8 dBi / 13.9 dBi 12.1 dBi / 14.2 dBi 12.2 dBi / 14.3 dBi
Electrical downtilt (°)		0		0
Impedance		50Ω		50Ω
VSWR		≤1.5:1		≤1.5:1
Isolation between ports		25 dB		25 dB
Input power		500 W		300 W
Lightning protection		Direct ground		
Connector(s)		4 / 7-16 DIN / Female / Bottom		
Mechanical Characteristics	696-900 MHz		1710-2170 MHz	
	Dimensions Length x Width x Depth	580 x 305 x 180 mm	23.2 x 12.0 x 7.1 in	
Weight without mounting brackets		5 kg	11 lbs	
Survival wind speed		> 201 km/hr	> 125 mph	
Wind area		Front: 0.18 m² Side: 0.11 m²	Front: 1.9 ft² Side: 1.1 ft²	
Wind load @ 161 km/hr (100 mph)		Front: 219 N Side: 129 N	Front: 49 lbf Side: 29 lbf	
Mounting Options	Part Number	Fits Pipe Diameter	Weight	
	2-Point Mounting & Downtilt Bracket Kit	38210006	40-115 mm 1.57-4.5 in	4.1 kg 9.0 lbs



TOP VIEW

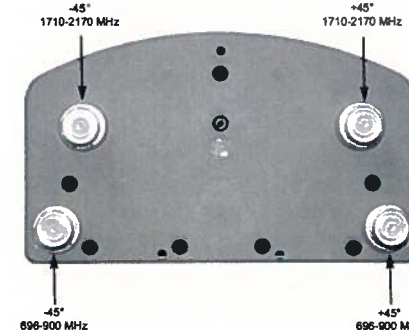


FRONT VIEW



SIDE VIEW

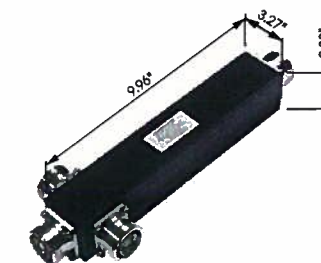
Antenna Bottom View



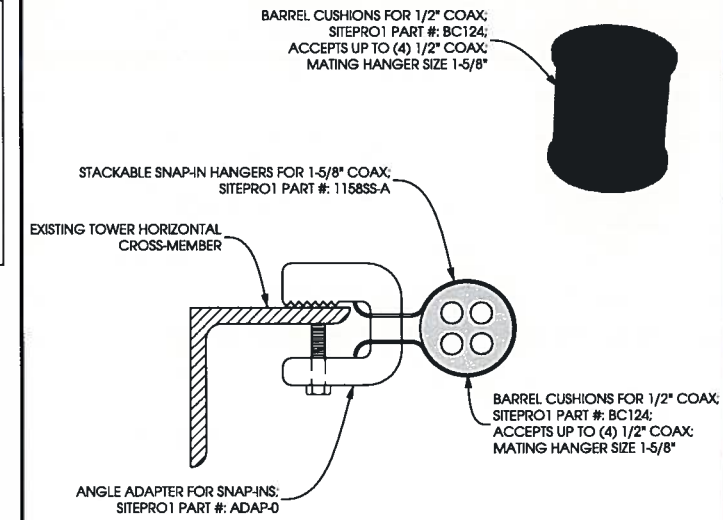
B ANTENNA SPECIFICATIONS
A-2 NTS

PRODUCT OVERVIEW:

OPERATING FREQUENCY BAND: 698 ~ 2700 MHz
 3RD ORDER IMD: -150 DBC (RELATIVE TO CARRIER)
 3RD ORDER IMD TEST METHOD: TWO +43 DBM CARRIERS
 AVERAGE POWER, MAXIMUM: 700 W
 DISSIPATIVE LOSS AT FREQUENCY BAND: 0.2 DB @ 698-2700 MHz
 IMPEDANCE: 50 OHM
 PEAK POWER, MAXIMUM: 3 KW
 POWER RATING, SPLITTING: 700 W
 REFLECTED POWER, MAXIMUM: 700 W
 RETURN LOSS, MINIMUM: 19.1 DB
 SPLIT LOSS: 4.8 DB
 VSWR: 1.25:1



E SPLITTER DETAIL
A-2 SCALE: NTS



F ANGLE BRACKET DETAIL
A-2 SCALE: NTS

CITY PLAN REVIEW



PROJECT ID: 303900
 EDGE PROJECT NO: 10211
 DRAWN BY: APK
 CHECKED BY: BDK

REV.	DATE	DESCRIPTION	INT.
B	03/11/2014	CD 90's SMALL CELL	JAH
A	02/25/2014	PRELIM SMALL CELL	APK



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LINCOLNWOOD
 303900
 7001 N. CENTRAL PARK AVENUE
 LINCOLNWOOD, ILLINOIS
 SMALL CELL DRAWINGS

SHEET TITLE
ANTENNA DETAILS

SHEET NUMBER
A-2

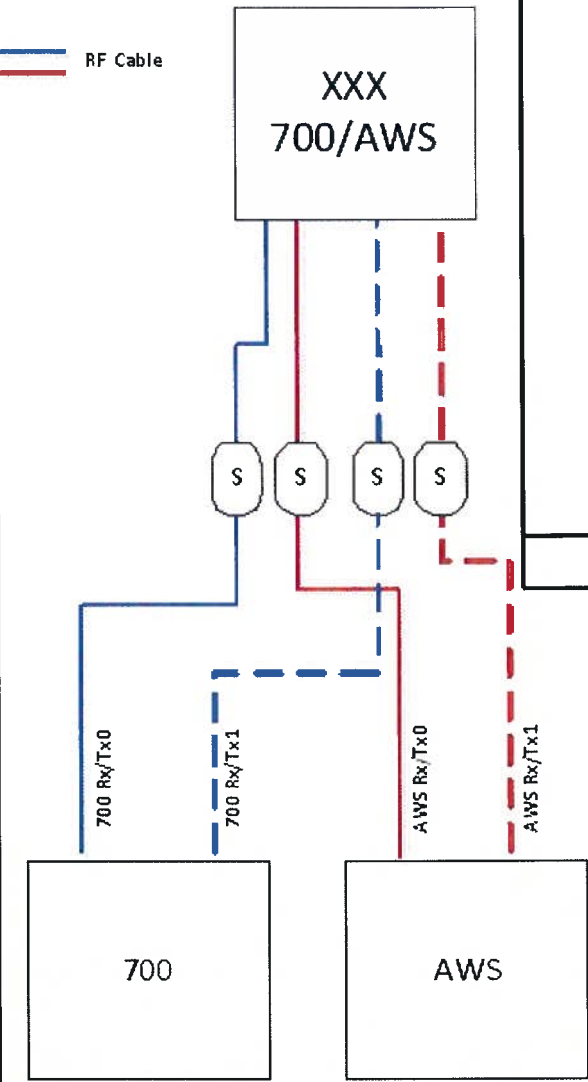
EQUIPMENT CHANGE REQUEST FORM - ECR

Name		Lincolnwood ATC SC		RF Engineer		Vaughne Glymph		Cell ID		7001 Central Park Chicago IL 60712	
Location Number		0		Market		ILWI		Address		Self-support Structure	
Date of Request		12/3/2013		Carriers		700 & AWS		Structure Type			
Sector	Power Required	Antenna Manufacturer	Antenna Model	Centerline	Azimuth	Mechanical Tilt	Variable Tilt				
Alpha	40 W	Amphenol	QXW-6320630XBF-EDIN	30	0	0	0				
Beta	40 W	Amphenol	QXW-6320630XBF-EDIN	30	120	0	0				
Gamma	40 W	Amphenol	QXW-6320630XBF-EDIN	30	240	0	0				

Passive Components	Manufacturer	Component Model	Location	Count	Length	Action	See Layout Tab
	COMMSCOPE	S-3-CPUSE-H-D	Behind Antenna	4		Install	
Coax	Commscope	1/2"	Ant to Splitters	12	Varied	Install	
	Commscope	1/2"	Splitters to RRU	4	2	Install	
Fiber	Generic	1/2"	Pole	2	30	Install	
Power	Generic	1/2"	Pole	2	30	Install	
GPS	Generic	1/2"	Pole	Yes	Cabinet Mount	Install	

EQUIPMENT							
Carrier - LTE/AWS	Power Required	Equipment Manufacturer	Equipment Model	CWDM?	Equipment Cabinet Needed?	Comments	Radius Location From Ground
700	40 W	Ericsson	RRUL	No	Charles 307 on Ground	Radio(s) on Pole	30'
2100	40 W	Ericsson	RRUS	-	-	-	-

INTERCONNECT	
Telco Solution	EBH



CITY PLAN REVIEW



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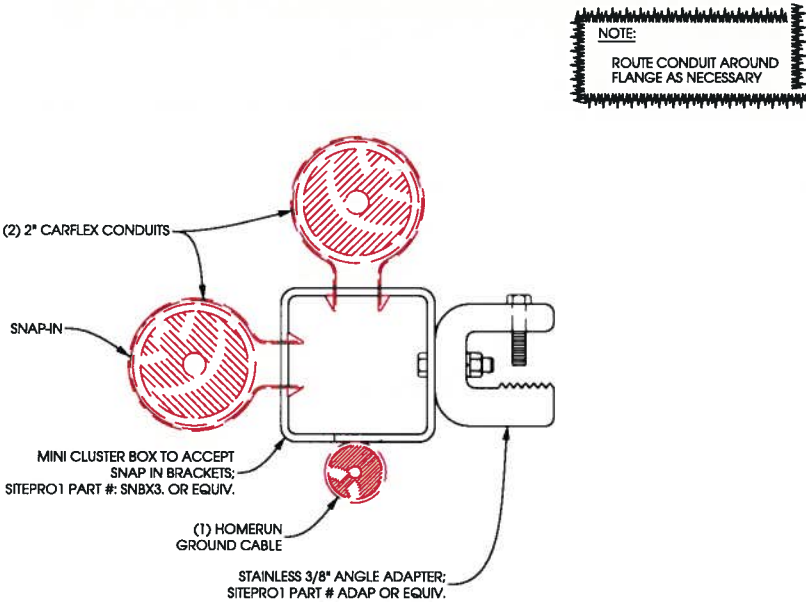
LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE
**ANTENNA
CONFIGURATION**

SHEET NUMBER

A-3

PROPOSED EQUIPMENT CHANGE REQUEST FORM



A CONDUIT ROUTING UP TOWER
SCALE: NTS

NOTES:
ALL COAX SHOWN IS EXISTING UNLESS SPECIFIED OTHERWISE.

NOTE:
CONTRACTOR TO REVIEW STRUCTURAL ANALYSIS FOR COMPATIBILITY WITH CONSTRUCTION DRAWINGS

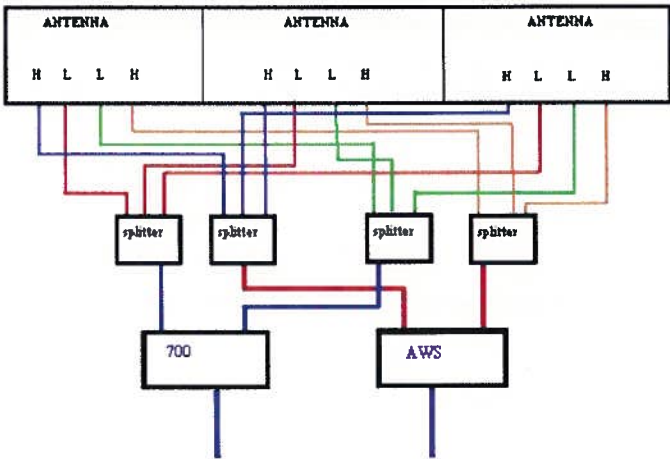
NOTE:
ROUTE PROPOSED CONDUITS AND GROUND LEAD ON INSIDE OF EXISTING TOWER LEG.

(2) PROPOSED 2" CARFLEX CONDUITS FOR FIBER/POWER AND (1) HOMERUN GROUND BANDED TO TOWER; SEE DETAIL A/A-3

EXISTING SAFETY CABLE CLIMB

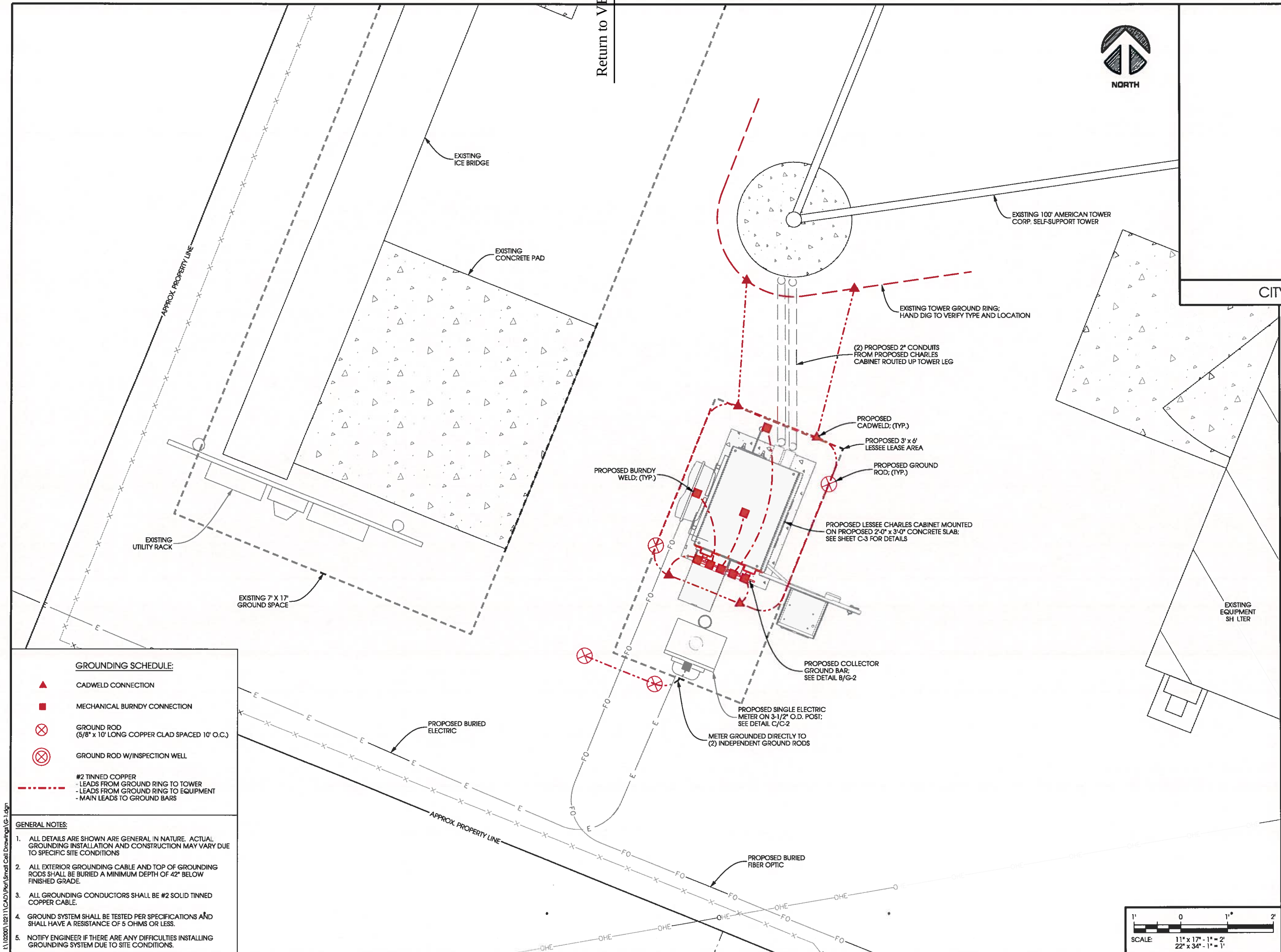
B SELF-SUPPORT TOWER COAX ROUTING
SCALE: NTS

PROPOSED ANTENNA CONFIGURATION



PROPOSED ANTENNA CONFIGURATION

I:\10200\10211\CAD\Plan\Small Cell Drawings\G-1.dgn



CITY PLAN REVIEW



PROJECT ID:	303900
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REV.	DATE	DESCRIPTION	INT.
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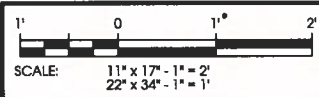


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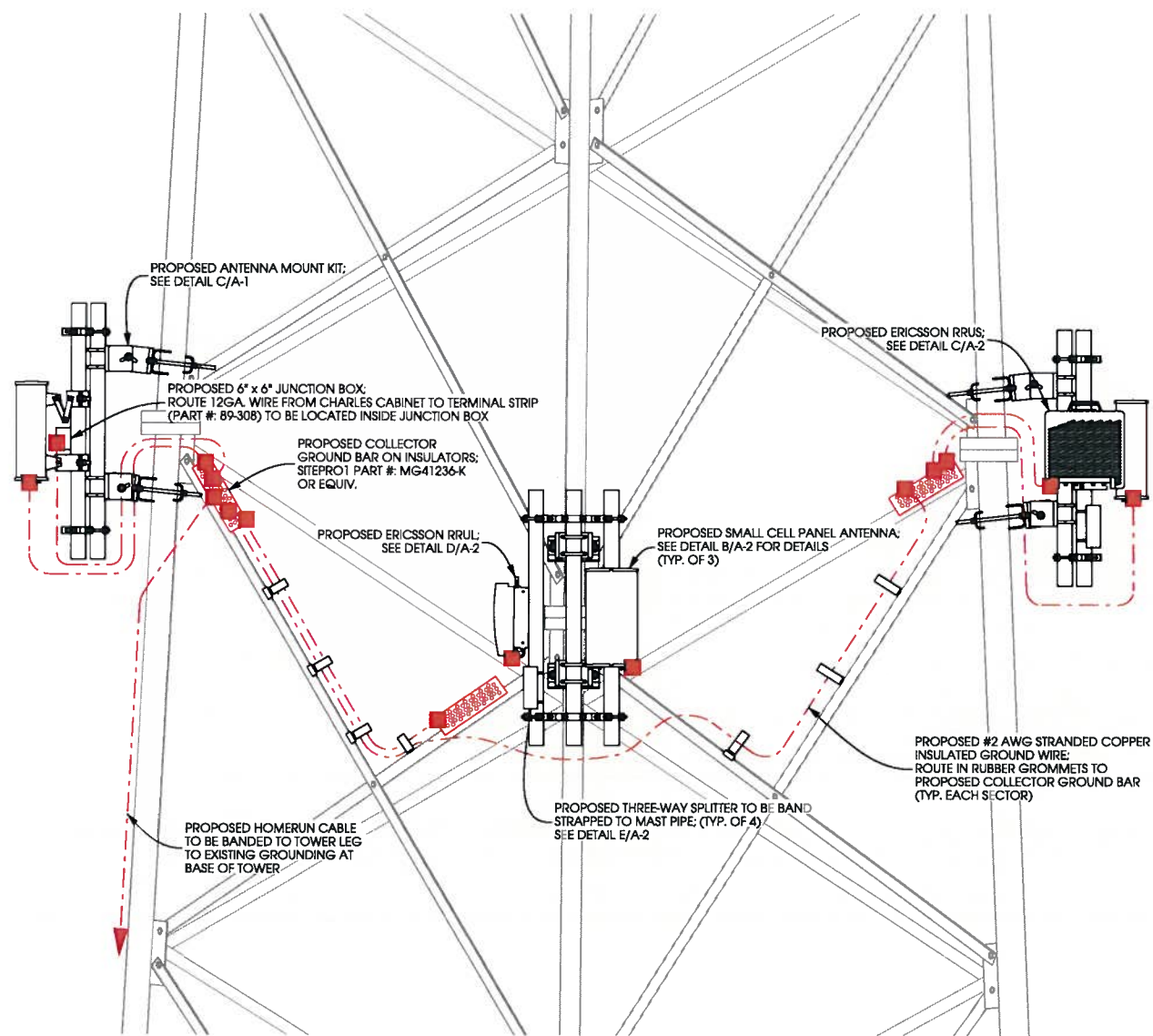
LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE
GROUNDING PLAN

SHEET NUMBER
G-1

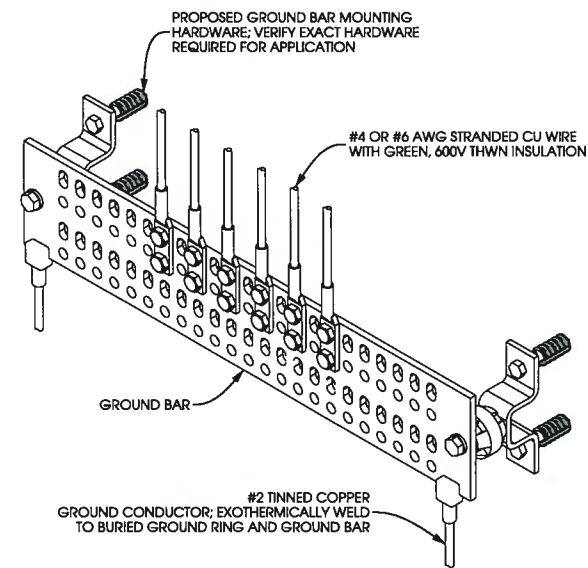


Return to VB A



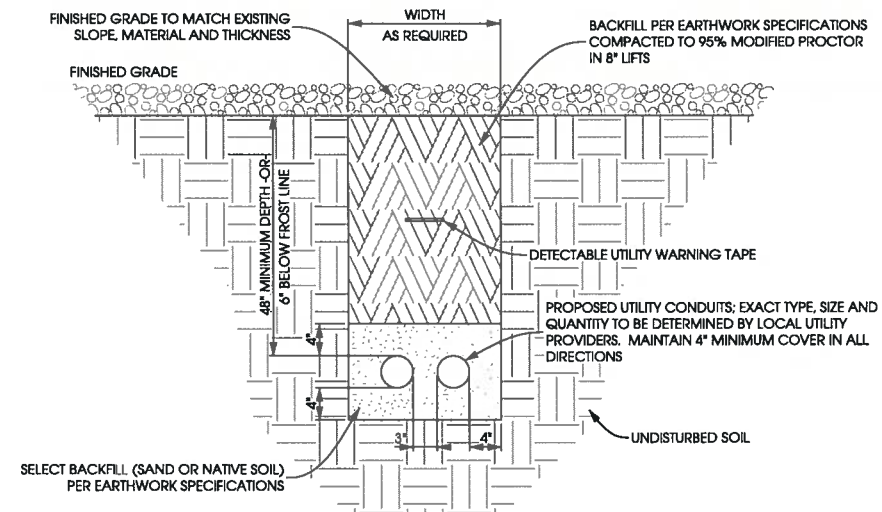
A
EQUIPMENT GROUNDING DETAIL
SCALE: NTS

NOTES:
USE UV-RATED HEAT SHRINK FOR OUTDOOR GROUND BAR APPLICATIONS AND CLEAR HEAT SHRINK FOR INDOOR APPLICATIONS.



B
GROUND BAR DETAIL
SCALE: NTS

NOTES:
UTILITY CONDUITS TO BE BURIED A MINIMUM OF 48" BELOW GROUND LEVEL OR 6" BELOW THE FROST LINE.
CONDUIT TYPE, SIZE, QUANTITY AND SEPARATION TO BE VERIFIED WITH LOCAL UTILITY PROVIDER REQUIREMENTS.



C
UTILITY TRENCH DETAIL
SCALE: NTS

CITY PLAN REVIEW



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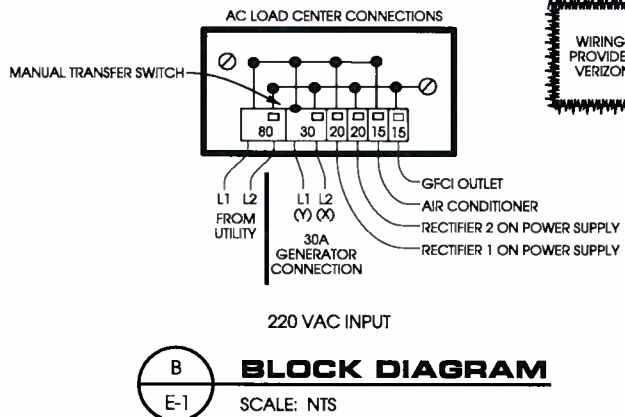
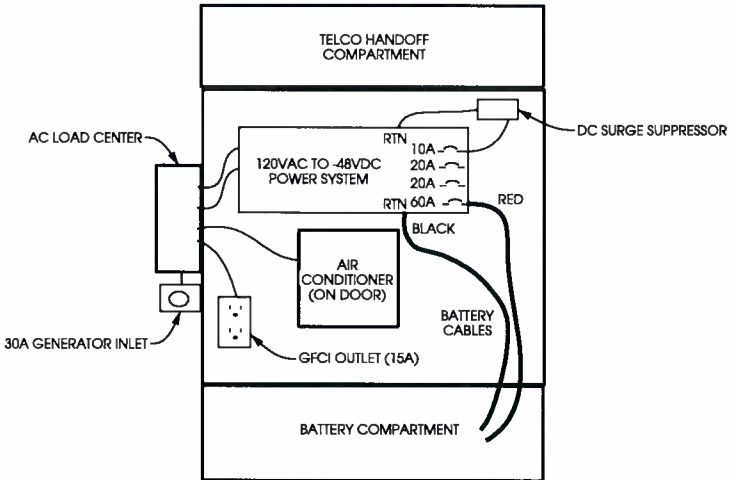
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LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE
**GROUNDING
DETAILS**

SHEET NUMBER
G-2

NOTE: GROUND WIRES ARE PRESENT BUT NOT SHOWN



CATEGORY	
DIMENSIONS AND WEIGHT	48.4" H x 28"W x 20"D 220 LBS
19" EQUIPMENT RACK SPACE	
EQUIPMENT COMPARTMENT	21" (12R)
HANDOFF COMPARTMENT	8.75" (5R)
HOLE SPACING	EIA TAPPED 4x24
COLOR	OFF WHITE
MATERIAL	125" WELDED ALUMINUM
MAXIMUM HEAT DISSIPATION	585W
2000 BTU AIR CONDITIONER	DANTHERM #CS020020A
48VDC POWER SHELF	ELTEK #CK3S-ANL-VC
(2) 1000W RECTIFIER	ELTEK #V1000A-VC
CONTROLLER	ELTEK #BC2000-A01-10VC
48VDC SURGE SUPPRESSOR	RAYCAP #DC1-60
BONDING AND GROUNDING	TWO 2x8 POSITION GROUND BARS
OPTIONAL MOUNTING KITS	POLE: #97-CABPMKIT H-FRAME: #97-001971-A PAD: #97-PM4XPLINTH-A
OPERATING TEMP. RANGE, INSIDE CABINET	-40° TO +149° F
OPERATING TEMP. RANGE OUTSIDE CABINET	-40° TO +115° F
HUMIDITY	0 TO 95% (NON-CONDENSING)
ALTITUDE	UP TO 2,000 METERS (6560')

PROPOSED ELECTRIC SINGLE METER TO BE SECURED TO STEEL POST. VERIFY MAKE AND MODEL WITH UTILITY PROVIDER

PROPOSED CHARLES CABINET ON CONCRETE SLAB: SEE SHEET C-3 FOR DETAILS

PROPOSED DISCONNECT (ELECTRICIAN TO VERIFY DISCONNECT MOUNTING LOCATION)

PROPOSED CIENA 3931 SERVICE DELIVERY SWITCH TO BE INSTALLED ON P-1000T UNISTRUTS SECURED TO BACK OF PROPOSED CHARLES CABINET; SEE DETAIL C/C-3

EXISTING AMERICAN TOWER CORP. SELF-SUPPORT TOWER

-48 DC JUMPER FROM PROPOSED CHARLES CABINET TO PROPOSED CIENA 3931

(1) PROPOSED 2" CONDUIT FROM POWER SOURCE TO PROPOSED SINGLE ELECTRIC METER CABINET; VERIFY POWER SOURCE WITH UTILITY PROVIDER

(1) PROPOSED 2" CONDUIT FROM PROPOSED SINGLE ELECTRIC METER TO PROPOSED CHARLES CABINET

(1) PROPOSED 2" CONDUIT FROM PROPOSED CHARLES CABINET UP SELF-SUPPORT TOWER LEG TO JUNCTION BOX AT EQUIPMENT

A

E-1

ONE-LINE DIAGRAM

SCALE: NTS

CITY PLAN REVIEW

Edge
Consulting Engineers, Inc.

PROJECT ID: 303900
EDGE PROJECT NO: 10211
DRAWN BY: APK
CHECKED BY: BDK

REV.	DATE	DESCRIPTION	INT.
B	03/11/2014	CD 90's SMALL CELL	JAH
A	02/25/2014	PRELIM SMALL CELL	APK

KENNETH C. BAUMGARDT
082-055227
LICENSED PROFESSIONAL ENGINEER
OF ILLINOIS
3/11/14

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LINCOLNWOOD
303900
7001 N. CENTRAL PARK AVENUE
LINCOLNWOOD, ILLINOIS
SMALL CELL DRAWINGS

SHEET TITLE
ONE-LINE DIAGRAM

SHEET NUMBER
E-1

Request for Board Action

REFERRED TO BOARD: June 3, 2014

AGENDA ITEM NO: 3

ORIGINATING DEPARTMENT: Community Development

SUBJECT: Approval of a Recommendation by the Plan Commission Regarding Certain Zoning Ordinance Text Amendments to the Legal Nonconforming Uses Section Pertaining to Bank, Credit Union, or Savings and Loan Uses

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

Brickyard Bank, which is an existing tenant at 6676 North Lincoln Avenue, has expressed a desire to relocate its banking operations within the Village to property it owns at 6530 North Lincoln Avenue. Both the Bank's existing leased location at 6676 Lincoln Avenue and the Bank's proposed location to property they own at 6530 North Lincoln Avenue are located within the Business/ Residential Transitional Overlay area of the Village's B-1 Zoning District.

The Zoning Code no longer permits banks in any portion of the B-1 Zoning District and currently restricts bank uses in the Village to the Village's B-2 Zoning District. Brickyard Bank is now considered a legal nonconforming use at its present location in the B-1 Zoning District. The Zoning Code does not allow a legally nonconforming use to relocate.

To allow Brickyard Bank to relocate to its property at 6530 North Lincoln Avenue, a Zoning Code Text Amendment would be required. To this end, staff requested that the Village Attorney craft text amendment language that would allow Brickyard Bank to relocate to its property at 6530 North Lincoln Avenue, but which would otherwise keep the text amendment narrow in scope. As proposed, the text amendment would allow a legally nonconforming bank use in operation on January 1, 2014 to relocate, upon Village Special Use approval, within the Business/Residential Transitional Overlay area of the Village's B-1 Zoning District and still retain its legal nonconforming status. Only three bank uses currently exist within this B-1 Overlay District.

Plan Commission Deliberations

The Public Hearing for this matter was held on May 7, 2014 at which time the Plan Commission reviewed the purpose of the request and the proposed text amendment language prepared by the Village Attorney. Commission Sampen questioned why the Nonconforming Uses Section of the Zoning Ordinance is being amended for Banks only. Staff and the Plan Commission discussed the recommended modification to the Zoning Ordinance's Nonconforming Use Section that would allow a legal nonconforming bank, such as the Brickyard Bank, to relocate within this Overlay area of the B-1 Zoning District, subject to Special Use Approval by the Village.

Mimi Sallis, President and CEO of Brickyard Bank, addressed the Plan Commission that they desired to stay within the Village on property they previously acquired. Ms. Sallis indicated that as part of the relocation, Brickyard Bank would provide larger quarters for its existing staff and that they would also seek approval of a one-lane drive-through. Ms. Sallis confirmed that Brickyard Bank is currently a tenant at their existing location.

Village Attorney Passman advised the Plan Commission that the text amendment, as proposed, would not allow new banks to operate in the B-1 Zoning District: it would retain this prohibition. The proposed amendment would only allow existing legal nonconforming banks (and credit unions and savings and loans) which are currently located in the Business/Residential Transition Overlay area of the B-1 Zoning District, to relocate within this Business/Residential Transition Overlay area of the B-1 Zoning District, subject to Special Use approval by the Village Board.

Other than the petitioner, there was no public testimony received.

Commission Recommendation

At the May 7, 2014 meeting, the Plan Commission, by a unanimous vote of 6-0, recommends the following Text Amendment to Section 9.02 of the Zoning Ordinance:

- (4) Notwithstanding any provision of this Chapter to the contrary, a legal nonconforming use may relocate to a new location within the Village, and continue operations at that new location as a legal nonconforming use subject to the limitations and standards provided in this Article IX, which new location may be of a greater square footage than the existing location, but only upon issuance of a Special Use permit therefor in accordance with Section 5.17 of this Zoning Ordinance, and only if:
- a. The use is a bank, credit union, or savings and loan;
 - b. As of January 1, 2014, the use was located within the Business/Residential Transition Area of the B-1 Traditional Business Zoning District;
 - c. The new location is also within the Business/Residential Transition Area of the B-1 Traditional Business Zoning District; and
 - d. The bank, credit union, or savings and loan (as the case may be) must have been under continuous ownership by the same entity for at least six months prior to the relocation and must remain under continuous ownership by such entity for at least six months after the relocation.

FINANCIAL IMPACT:

None

DOCUMENTS ATTACHED:

1. May 7, 2014 Plan Commission Minutes Excerpt (Draft)
2. May 7, 2014 Staff Report to Plan Commission
 - a. Text Amendment Application
 - b. Proposed Amendment

RECOMMENDED MOTION:

Move to concur with the recommendation of the Plan Commission concerning Zoning Code Text Amendment concerning Nonconforming Uses relative to Bank, Credit Union, or Savings and Loan Uses and to direct the Village Attorney to prepare the requisite Ordinance for approval.

Motion to Approve a Special Use for a Liquor Store in the space commonly known as 7177 North Lincoln Avenue was made by Commissioner Fishman, and Seconded by Commissioner Yohanna.

Aye: Fishman, Yohanna, Auerbach, Goldfein, and Eisterhold

Nay: Sampen

Motion Approved 5-1

V. Public Hearing: 7017 North Central Park Avenue – Special Use for Wireless Communication Facility on an Existing Tower

Chairman Eisterhold swore in the Petitioner, Wanchay Itmis of Verizon Wireless/ATC, 10700 West Higgins Road, Suite 240, Rosemont, Illinois.

Mr. Cook presented an overview of Verizon Wireless' Special Use in order to install three new antennas and ground equipment. The tower, which is owed by American Tower, is adjacent to the Village's water tank and the equipment will be placed 30 feet above ground on a 100-foot tower. Staff noted that there has been four of these facilities since 2009.

The Petitioner stated that the new equipment is needed in order to improve coverage and quality of service to their customers. The equipment will be installed 30 feet above grade on the existing 100-foot tower. These towers were chosen to provide better coverage and will provide little impact on the character of the property nor will it devalue the property. This improvement will not affect the structure with this addition. The site is in compliance with all federal, state, and Village ordinances.

In response to Chairman Eisterhold's inquiry as to why this equipment is only thirty-feet high, the Petitioner explained that Verizon utilizes small cell technology and, by utilizing smaller equipment, it can help alleviate dropped calls, etc. in areas where they cannot build high towers and the capacity can be enhanced with these smaller cells at a lower height.

Chairman Eisterhold swore in Mr. Stan Wilk, 4830 Chase Avenue, who is also a member of the Telecommunications Board, had no comments regarding this application.

Chairman Eisterhold asked if anyone in the audience would like to speak on this Special Use. He noted that no one came forward.

Motion to Approve a Special Use for a Wireless Communications Facility was made by Commissioner Yohanna, and Seconded by Commissioner Sampen.

Aye: Yohanna, Sampen, Auerbach, Goldfein, and Eisterhold

Nay: None

Motion Approved 6-0

VI. Public Hearing: Bank, Credit Union, Savings and Loans and Legal Nonconforming Uses – Zoning Code Text Amendment

The policy discussion focused around the nonconforming section of the Zoning Code. An existing nonconforming use is not allowed to move within the community and, to allow a move, a possible text amendment would be needed to allow for that use. Banks and savings and loans are not currently allowed in the B-1 District. This text amendment, as proposed, would not allow new banks to operate in the B-1 Zoning District. The proposed amendment would only allow existing legal nonconforming banks, credit unions, and savings and loans, which are currently located in the Business/Residential Transitional Overlay area, to move within this same area which is located between Monticello and Harding Avenues.

Commissioner Sampen asked why we are making an exception for banks. Mr. Cook stated that banks are currently prohibited along Lincoln Avenue. The Village is not adding additional banks, just the opportunity to move to another site. This text amendment is the process for them to move.

Commissioner Auerbach asked if any bank can move to Lincoln Avenue. There are only three banks that can apply to move within that District; the three banks are Brickyard Bank, Liberty Bank, and Charter One Bank.

Chairman Eisterhold swore in the Petitioner Mimi Sallis, President and CEO of Brickyard Bank. Petitioner Sallis presented the reasons for moving to another facility. The building is one that they own; the space they are in now is leased. Another reason for moving is that they would like to add a one-lane drive thru.

Mr. Passman brought to the Commission's attention that if this text amendment is approved, Brickyard Bank would have to come before the Plan Commission again for a Special Use for a drive thru and a variation for off street parking.

Chairman Eisterhold asked if anyone in the audience would like to speak on this Special Use. He noted that no one came forward.

Motion to Approve a Special Use for Banks, Credit Unions, Savings and Loans, and Legal Nonconforming Uses – Zoning Code Text Amendment made by Commissioner Yohanna, and Seconded by Commissioner Fishman.

Aye: Yohanna, Fishman, Auerbach, Goldfein, Sampen, and Eisterhold

Nay: None

Motion Approved 6-0

VII. Public Hearing: Medical Cannabis Dispensaries and Cultivation Centers – Zoning Code Text Amendment *(Continued from April 2, 2014)*

Mr. Passman stated that as of January 1, 2014, the State of Illinois now allows the use of medical marijuana for more than 30 illnesses. Outright prohibitions are not allowed. Cultivation centers are where it is grown and harvested and then sells to the dispensary which is the retail operation. There will only be one in Cook County. Nowhere in Lincolnwood could a cultivation center be located, but a dispensary might be permitted. One dispensary, in either Evanston Township or

Agenda Item #6



**Staff Report
Plan Commission
May 7, 2014**

Subject Property: N/A (Text Amendment)

Requested Action: Text Amendment to Section 9.02 of the Zoning Ordinance to consider regulations to permit, as a Special Use, the relocation of legal nonconforming Bank, Credit Union, Savings and Loans within the Business/Residential Transition Overlay of the B-1 District.

Nature of Request: A text amendment is proposed concerning Bank, Credit Union, Savings and Loans and Legal Nonconforming Uses located in the Business/Residential Transition area of the B-1 Traditional Business Zoning District.

Petitioner: Brickyard Bank

Summary:

Brickyard Bank, which is a tenant at 6676 Lincoln Avenue, has expressed a desire to relocate its banking operations within the Village to property it owns at 6530 Lincoln Avenue. Both the Bank's existing leased location at 6676 Lincoln Avenue and the Bank's proposed location to property they own at 6530 Lincoln Avenue are located within the Business/Residential Transitional Overlay area of the Village's B-1 Zoning District.

The Zoning Code no longer permits banks in any portion of the B-1 Zoning District and currently restricts bank uses in the Village to the Village's B-2 Zoning District. Brickyard Bank is now considered a legal nonconforming use at its present location in the B-1 Zoning District and the Zoning Code does not allow a legally nonconforming use to relocate.

To allow Brickyard Bank to relocate to its property at 6530 Lincoln Avenue, a Zoning Code Text Amendment would be required. To this end, staff requested that the Village Attorney craft text amendment language that would allow the Brickyard Bank to relocate to its property at 6530 Lincoln Avenue, but which would otherwise keep the text amendment narrow in scope.

To accomplish this, the Village Attorney has recommended a modification to the Zoning Code's Nonconforming Use Section that would allow a legal nonconforming bank, such as Brickyard Bank, to relocate within this Overlay area of the B-1 Zoning District, subject to Special Use Approval by the Village. In addition to Brickyard Bank, Liberty Bank and

Charter One Bank are two other banks currently located in the Business/Residential Transition Overlay area of the B-1 Zoning District and which could conceivably also benefit from this proposed text amendment. The Business/Residential Overlay area is that portion of the B-1 Zoning District located along Lincoln Avenue, approximately between Monticello and Harding Avenues.

The text amendment, as proposed, would not allow new banks to operate in the B-1 Zoning District: it would retain this prohibition. The proposed amendment would only allow existing legal nonconforming banks (and credit unions and savings and loans) which are currently located in the Business/Residential Transition Overlay area of the B-1 Zoning District, to relocate within this Business/Residential Transition Overlay area of the B-1 Zoning District, subject to Special Use Approval.

Attachments:

1. Text Amendment Application
2. Proposed Amendment



VILLAGE OF LINCOLNWOOD
Community Development Department

Public Hearing Application
Text Amendment

PETITIONER INFORMATION

Name: Brickyard Bank
Address: 6676 N. Lincoln Ave, Lincolnwood
Telephone: (847) 679-2265 Fax: (847) 679-9077 E-mail Address: msallis@brickyardbank.net

COST REIMBURSEMENT REQUIREMENT

The Village requires reimbursement of certain out-of-pocket costs incurred by the Village in connection with applications for zoning approvals and relief. These costs include, but are not limited to, mailing costs, attorney and engineer costs, and other out-of-pocket costs incurred by the Village in connection with this application. In accordance with Section 5.02 of the Village of Lincolnwood Zoning Ordinance, both the petitioner and the property owner shall be jointly and severally liable for the payment of such out-of-pocket costs. Out-of-pocket costs incurred shall be first applied against any hearing deposit held by the Village, with any additional sums incurred, to be billed at the conclusion of the hearing process.

Invoices in connection with this application shall be directed to:

Name: Brickyard Bank
Address: 6676 N. Lincoln Ave
City, State: Lincolnwood, IL 60712

ATTESTMENT AND SIGNATURE

I hereby state that I have read and understand the Village cost reimbursement requirement, as well as the requirements and procedures outlined in Article V of the Village Zoning Ordinance, and I agree to reimburse the Village within 30 days after receipt of an invoice therefor. I further attest that all statements and information provided in this application are true and correct to the best of my knowledge and that I have vested in me the authority to execute this application.

PROPERTY OWNER

Mimi Sallis 4/7/14
Signature President Date
Mimi Sallis
Print Name

PETITIONER (If different than property owner)

Signature Date

Print Name

REQUIRED ATTACHMENTS *

Check all documents that are attached:

Proposed Text Amendment
Language

**The above documents are required for all applications. The Zoning Officer may release an applicant from specific required documents or may require additional documents as deemed necessary.*

For Office Use Only

Fee: _____ Deposit: _____

Date Received: _____

Checked By: _____

The article(s), section(s) and paragraph(s) of the Village of Lincolnwood Zoning Ordinance from which the Action is being sought:

TEXT AMENDMENT STANDARDS

To be approved, the requested text amendment must meet certain specific standards. These standards are listed below. After each listed standard, explain how the text amendment the listed standard. Use additional paper if necessary.

1. **Nature of Request:** Explain below why you are seeking a text amendment to the zoning code. What is it that you would like to do that requires a change in the text of the zoning code?

Brickyard Bank is requesting to relocate the bank's main office from leased space at 6676 N. Lincoln Ave to Bank owned property at 6530 N. Lincoln Ave.

2. What zoning district(s) would be affected by the proposed text amendment? Categorize the type of properties or area of the Village that likely would be affected by the proposed change?

Zoning to be affected is the Business/
Residential Transition Area of the B1
Traditional Business Zoning District.

3. Cite the specific section(s) of the code proposed to be amended.

Article IX Section 9.02

4. Provide the proposed text amendment. Provide below or attach the exact section code language, as it is currently written, then use strikeouts for proposed deletion of existing language and insert/add the proposed new language using highlighting (bolding) so that the language is shown exactly as you propose (with all deletions and additions indicated).

See attached - proposed text
amendment

5. Indicate why you believe this text change is needed and why it would benefit the Village.

The text amendment will allow
Brickyard Bank to relocate its main
office and allow a long standing
business to remain in Lincolnwood.



VILLAGE OF LINCOLNWOOD

COMMUNITY DEVELOPMENT DEPARTMENT

PUBLIC HEARING FEES & DEPOSITS SCHEDULE

Plan Commission

Hearing Type	Hearing Fee*	Hearing Deposit**
Special Use - Non Residential Property	\$500	\$2,000
Special Use - Residential Property	\$250	NA
Reasonable Accommodation	\$250	\$2,000
Text Amendment	\$500	\$2,000
Map Amendment	\$500	\$2,000
Planned Unit Development (PUD) 0 to 5 acres	\$1,250	\$10,000
Planned Unit Development (PUD) 5 to 10 acres	\$2,500	\$10,000
Planned Unit Development (PUD) Over 10 acres	\$3,000	\$10,000
Minor Subdivision	\$250	NA
Major Subdivision	\$500	\$2,000

Zoning Board of Appeals

Hearing Type	Hearing Fee*	Hearing Deposit**
Major Variation - Non Residential Property	\$500	NA
Major Variation - Residential Property	\$250	NA
Variation - Off-Street Parking	\$500	NA
Variation - Design Standards	\$250	NA
Minor Variation	\$125	NA
Sign Variation/Special Signs	\$500	NA

* Hearing fees are non-refundable.

** Hearing Deposits shall be applied to out-of-pocket expenses incurred by the Village as the result of the public hearing process. If additional costs are incurred, or if no deposit is provided, such out-of-pocket expenses will be billed directly to the applicant.

Proposed Text Amendment

to Article IX NonConforming Building, Structures, and Uses

Part B Nonconforming Uses

Proposed text amendment is to add a new section (4) as indicated below to

9.02 Continuance of nonconforming use

- (4) Notwithstanding any provision of this Chapter to the contrary, a legal nonconforming use may relocate to a new location within the Village, and continue operations at that new location as a legal nonconforming use subject to the limitations and standards provided in this Article IX, which new location may be of a greater square footage than the existing location, but only upon issuance of a special use permit therefor in accordance with Section 5.17 of this Zoning Ordinance, and only if:
 - a. The use is a bank, credit union, or savings and loan;
 - b. As of January 1, 2014, the use was located within the Business/Residential Transition Area of the B-1 Traditional Business Zoning District;
 - c. The new location is also within the Business/Residential Transition Area of the B-1 Traditional Business Zoning District; and
 - d. The bank, credit union, or savings and loan (as the case may be) must have been under continuous ownership by the same entity for at least six months prior to the relocation, and must remain under continuous ownership by such entity for at least six months after the relocation.

Request For Board Action

REFERRED TO BOARD: June 3, 2014

AGENDA ITEM NO: 4

ORIGINATING DEPARTMENT: Public Works

SUBJECT: Consideration of an Ordinance Waiving the Competitive Bidding Process and Authorizing the Village Manager to Enter into an Agreement for the Village's Electricity Aggregation Program

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

On April 5, 2011 a referendum was approved by Village residents to allow the Village to move forward with an electrical aggregation program to seek competitive bids for electrical supply rates for residents and small retail customers and to conduct an opt-out program. An opt-out program meant that unless eligible residents or small retail customers chose to opt-out of the program they would automatically be moved over to the new supplier.

The Village Board directed staff to move forward with a joint bid process with the Villages of Grayslake and Oakbrook. This was due to the fact that they also had approved referendums and had similar electric load capacities to the Village.

On October 6, 2011 bids were received from five electrical supply companies. On October 18, 2011 the Village Board approved a two year agreement with Integrys Energy Services, Inc. ("Integrys") for a residential rate of 5.52¢/kWh and a small retail customer rate of 5.45¢/kWh. This rate was a 30% savings over Com-Ed's rate at the time. The agreement was scheduled to expire on December 31, 2013.

On August 20, 2013 the Village Board extended the agreement with Integrys through May 2014 for a rate of 5.52 ¢/kWh for residential customers and 5.45 ¢/kWh for small retail customers.

In March of 2014 staff became aware that ComEd's rate release would be delayed until late May of 2014. As such, on April 1, 2014 the Village Board approved an additional extension with Integrys through the August 2014 meter read date. The Village Board also directed staff to conduct a request for qualifications (RFQ) process to pre-qualify vendors to solicit electricity supply prices from once Com-Ed released their rate. On May 1, 2014 staff released a RFQ. The RFQ notice was published in the *Pioneer Press*. A copy of the RFQ was sent to 51 vendors. On May 22, 2014 the Village received no responses to the RFQ. Staff contacted several of the vendors that received the RFQ to inquire why they did not respond. Staff received responses from five vendors all of whom indicated that they could not agree to the Village's power supply agreement which required that if ComEd lowered their rate they would either match the rate or return the customers to ComEd, therefore they did not submit a proposal.

In order to ensure that customers are not returned to ComEd the Village must enter into a power supply agreement with an alternative supplier by June 10, 2014. This will allow enough time for the Village to conduct the required opt-out process and move all currently enrolled accounts over to the new supplier for the September meter reading date.

Electricity rates change on a daily basis, often times on an hourly basis. In addition, several increases have occurred to charges that are applied to each electricity bill (whether an account is with an alternative supplier or not). Due to these reasons, as well as the narrow timetable that this process must be completed within, the Village contacted Mark Pruitt an electrical aggregation consultant and the former Director of the Illinois Power Agency, to assist the Village in determining the best option for the Village's aggregation program. Mr. Pruitt provides consulting services to 66 communities. Mr. Pruitt has reviewed the Village's Power Supply Agreement and Plan of Governance for the electrical aggregation program and determined that the Village's best option is to waive the competitive bid process and grant the Village Manager the authority to execute a power supply agreement with an alternative supplier that will provide the Village with the highest savings for its residents. In order to achieve this goal prior to the June 10, 2014 deadline (ensures that currently enrolled accounts are not returned to ComEd) the Village Board must grant the Village Manager the authority to execute an agreement once favorable pricing is obtained.

Should the Village Board approve the attached Ordinance the process that will occur is as follows: Mr. Pruitt will begin soliciting quotes from alternative suppliers for various contract periods (September 2014-May 2015, 24 months, 36 months, etc.). Prior to June 10, 2014 Mr. Pruitt will present any favorable pricing offers (i.e. pricing offers less than the current ComEd rate of 7.6¢) to the Village Manager for consideration. If favorable pricing is secured, all existing accounts that are currently enrolled in the Village's aggregation program will be included in the opt-out process allowing accounts a 21 day window of time to choose whether or not to participate in the Village's program. These accounts will be moved over to the new supplier for the September 2014 meter reading date. Upon completion of this process accounts that are not currently with the Village's alternative supplier will then be sent opt-out notices. Those new accounts will begin with the new supplier as of the October 2014 meter reading date. The two processes must be separated due to requirements that are necessary for moving new accounts that are not already part of the aggregation program. If the Village sought to have all accounts moved at the same time the Village would need to enter into an agreement with an alternative supplier prior to June 3, 2014 which would not allow enough time to obtain Village Board approval to execute a new power supply agreement.

In the event that Mr. Pruitt is unable to obtain favorable pricing prior to June 10, 2014 the Village may return all customers currently enrolled in the Village's electrical aggregation program to ComEd for a period of up to two billing cycles without penalty. However, if the accounts remain on the ComEd rate for more than two billing cycles, they must remain with ComEd for an additional 10 billing cycles. The ability to return to ComEd for a short period allows the Village an additional window of time to continue to seek pricing in order to ensure that the Village receives the most favorable pricing available. The attached Ordinance gives the Village Manager authority through August 2014 to review and accept bids for alternative electrical suppliers. Therefore, in the event that favorable pricing is not secured prior to June 10, 2014 Mr. Pruitt would continue to solicit and evaluate pricing and the Village Manager would have the authority to secure the pricing.

Upon approval of the attached Ordinance Mr. Pruitt will begin soliciting quotes for alternative electrical supply as soon as possible.

FINANCIAL IMPACT:

None.

DOCUMENTS ATTACHED:

1. Proposed Ordinance

RECOMMENDED MOTION:

Move to approve an Ordinance waiving competitive bidding and authorizing the Village Manager to enter into a new power supply agreement for the Village's electricity aggregation program.

VILLAGE OF LINCOLNWOOD

ORDINANCE NO. 2014-_____

**AN ORDINANCE WAIVING COMPETITIVE BIDDING AND
AUTHORIZING THE VILLAGE MANAGER TO ENTER INTO
A NEW POWER SUPPLY AGREEMENT FOR
THE VILLAGE'S ELECTRICITY AGGREGATION PROGRAM**

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF LINCOLNWOOD
THIS ____ DAY OF _____, 2014.

Published in pamphlet form
by the authority of the
President and Board of Trustees
of the Village of Lincolnwood,
Cook County, Illinois this
_____ day of _____, 2014

Village Clerk

**AN ORDINANCE WAIVING COMPETITIVE BIDDING AND
AUTHORIZING THE VILLAGE MANAGER TO ENTER INTO
A NEW POWER SUPPLY AGREEMENT FOR
THE VILLAGE'S ELECTRICITY AGGREGATION PROGRAM**

WHEREAS, the Village of Lincolnwood is a home rule municipal corporation in accordance with Article VII, Section 6(a) of the Constitution of the State of Illinois of 1970; and

WHEREAS, pursuant to Section 1-92 of the Illinois Power Agency Act, 20 ILCS 3855/1-92 ("**Act**"), on June 16, 2011, the Village President and Board of Trustees adopted Ordinance No. 2011-2953, authorizing the establishment of an opt-out program for the aggregation of electrical loads of residential and small commercial retail customers in the Village ("**Electricity Aggregation Program**"); and

WHEREAS, the Village has entered into an agreement with Integrys Energy Services, Inc., of De Pere, Wisconsin ("**Integrys**"), dated October 21, 2011, for the provision of electricity for the Electricity Aggregation Program ("**Original Agreement**"), which Original Agreement has been amended pursuant to that certain First Amendment dated August 20, 2013 ("**First Amendment**"), and that certain Second Amendment dated April 1, 2014 ("**Second Amendment**") (the Original Agreement, the First Amendment, and the Second Amendment are, collectively, the "**Supply Agreement**")

WHEREAS, pursuant to Section 5.1 of the Supply Agreement, the Supply Agreement will expire on September 30, 2014; and

WHEREAS, the Village now desires to seek competitive proposals for the award of a new agreement for the provision of electricity for the Electricity Aggregation Program, beginning on October 1, 2014 and extending for a term of up to ____ years ("**New Program Agreement**"); and

WHEREAS, the Village has retained The Illinois Community Choice Aggregation Network ("**Consultant**") to assist with the solicitation of proposals by alternative retail electric suppliers for the award of the New Program Agreement; and

WHEREAS, the Village anticipates that upon the receipt of proposals received by the Consultant for the New Program Agreement, the Village will be required to decide whether to accept a proposal, and a price for the electricity to be provided for the Electricity Aggregation Program prior to the next regularly scheduled meeting of the Village Board of Trustees; and

WHEREAS, in order to preserve the ability of the Village to obtain the best possible price for the electricity to be provided for the Electricity Aggregation Program, the Village President and Board of Trustees have determined that it will serve and be in the best interests of the Village and its residents to waive competitive bidding for the New Program Agreement, pursuant to Section 8-8-13 of the Municipal Code of Lincolnwood, as amended ("**Village Code**"), and to authorize the Village Manager to execute, on behalf of the Village: (i) a New Program Agreement; and (ii) all documentation necessary to establish a price for the electricity

to be provided by the selected supplier for the Electricity Aggregation Program pursuant to the New Program Agreement;

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LINCOLNWOOD, COOK COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance.

SECTION 2. WAIVER OF COMPETITIVE BIDDING. The advertising and bidding requirements for the New Program Agreement are hereby waived in accordance with Section 8-8-13 of the Village Code and the home rule powers of the Village.

SECTION 3. AUTHORIZATION TO EXECUTE NEW PROGRAM AGREEMENT.

A. The President and Board of Trustees hereby authorize the Village Manager to execute, on behalf of the Village: (1) a New Program Agreement, in a final form to be approved by the Village Manager and the Village Attorney; and (2) all documentation necessary to establish a price for the electricity to be provided by the selected supplier for the Electricity Aggregation Program pursuant to the executed New Program Agreement.

B. This Ordinance is not to be deemed or interpreted as obligating the Village Manager to execute any New Program Agreement or any documentation to establish a price for the electricity to be provided by the selected supplier for the Electricity Aggregation Program pursuant to the executed New Program Agreement. In the event that the Village Manager determines, in his discretion, that the proposals received for the New Program Agreement are not favorable to the Village or to the residential and small commercial retail customers within the Village, then the Village Manager is hereby authorized to reject all of the proposals on behalf of the Village.

C. The authority conveyed pursuant to Section 3.A of this Ordinance is valid only for the period beginning on the effective date of this Ordinance and ending on August 31, 2014.

SECTION 4. SEVERABILITY. If any provision of this Ordinance or part thereof is held invalid by a court of competent jurisdiction, the remaining provisions of this Ordinance are to remain in full force and effect, and are to be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Ordinance to the greatest extent permitted by applicable law.

SECTION 5. EFFECTIVE DATE. This Ordinance will be in full force and effect from and after its passage, by a vote of two-thirds of the Board of Trustees, and approval and publication in the manner provided by law.

[SIGNATURE PAGE FOLLOWS]

PASSED this ____ day of June, 2014.

AYES: _____

NAYS: _____

ABSENT: _____

ABSTENTION: _____

APPROVED by me this _____ day of June, 2014.

Gerald C. Turry, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office this
_____ day of June, 2014

Beryl Herman, Village Clerk
Village of Lincolnwood, Cook County, Illinois

#30081610_v1

Request for Board Action

REFERRED TO BOARD: June, 3, 2014

AGENDA ITEM NO: 5

ORIGINATING DEPARTMENT: Community Development

SUBJECT: Consideration of Three Ordinances, Which Together, Would Amend the Lincoln-Touhy Tax Increment Financing (TIF) District to Include Certain Adjacent Parcels Located Generally to the North and West of the Existing District

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

Consideration of these three Ordinances is the final step in the Village's consideration of an amendment to the Lincoln-Touhy Tax Increment Finance (TIF) District. Adoption of all these Ordinances would amend this TIF District.

Essentially, this matter is a boundary amendment to the Lincoln-Touhy TIF District to include two additional Lincoln Avenue office properties, owned by North Capital Group, located north of the existing TIF District boundary, as well as Commonwealth Edison property located immediately to the west of the existing TIF District. This boundary amendment was requested by North Capital Group, the owner of the Purple Hotel site, in order to include all of the area proposed for redevelopment into the Shoppes at Lincoln Pointe. Except for the boundary change, no other significant changes to this District are included in this amendment, including no change to the term or budget of this TIF District.

Kane McKenna and Associates (KMA) have investigated the proposed area for inclusion in the TIF District and have determined that the area qualifies for TIF Designation under the "Conservation Area" criteria identified in State law. This criteria requires at least 50% of the structures must be 35 years or older, and, further, that there must be at least three additional qualifying factors present. In their study, KMA found the area meets the 35-year age test and also found that the area has 7 of 13 qualifying factors present.

JRB Consideration and Action

As required by State law, on April 4, 2014, an intergovernmental Joint Review Board (JRB), comprised of representatives from seven overlapping taxing districts and a public member, was held to consider this proposed boundary amendment. Upon consideration, the JRB adopted a unanimous Resolution, which recommends approval of the amendment and adoption of these ordinances. A copy of this JRB Resolution is attached.

Public Hearing

On May 6, 2014, the Village Board held the required Public Hearing on this matter. In advance of this Hearing, a notice was published twice in the *Lincolnwood Review*. Written notice of the Hearing was also mailed to property owners in the TIF District and proposed amended area and notice of the Hearing was also sent by mail to all residents located within 750 feet of the proposed boundary. At the Public Hearing held on May 6, 2014, no public testimony was received.

Action

To effectuate the proposed amendment, three Ordinances are required to be adopted, in sequential order, as follows:

- The first Ordinance would make certain findings and would approve the amendment to the Redevelopment Plan document;
- The second Ordinance, which designates the Redevelopment Project Area, would establish the new boundary for the TIF District; and
- The third Ordinance would adopt Tax Increment Financing for the TIF District, as amended.

FINANCIAL IMPACT:

None

DOCUMENTS ATTACHED:

1. JRB Resolution and Recommendation
2. Proposed Ordinance Approving TIF Plan Amendment
3. Proposed Ordinance Amending Area
4. Proposed Ordinance Adopting TIF for Amended Area

RECOMMENDED MOTIONS:

1. **Move to approve** an Ordinance approving an amended Tax Increment Redevelopment Plan and Project for the Lincoln-Touhy Redevelopment Project Area
2. **Move to approve** an Ordinance amending the Lincoln-Touhy Redevelopment Project Area pursuant to the Tax Increment Allocation Redevelopment Act
3. **Move to approve** an Ordinance adopting Tax increment Allocation Financing for the Amended Lincoln-Touhy Redevelopment Project Area

LINCOLNWOOD JOINT REVIEW BOARD

A RESOLUTION RECOMMENDING APPROVAL OF PROPOSED AMENDMENTS TO THE REDEVELOPMENT PLAN AND PROJECT, AND THE DESIGNATION OF ADDITIONAL PARCELS, FOR THE LINCOLN-TOUHY REDEVELOPMENT PROJECT AREA

WHEREAS, the Joint Review Board convened in the Lincolnwood Village Hall on April 3, 2014, pursuant to the Illinois Tax Increment Allocation Redevelopment Act. 65 ILCS 5/11-74.4-1 *et seq.* ("*Act*"), which was attended and comprised of representatives of certain affected taxing jurisdictions of the Lincoln-Touhy Redevelopment Project Area as well as a public member pursuant to the Act; and

WHEREAS, a public member to the Joint Review Board was duly selected on April 3, 2014, by a majority vote of the taxing districts present and serving on the Joint Review Board and a chairperson was also duly selected by the members of the Joint Review Board by majority vote; and

WHEREAS, the Joint Review Board did carefully review and consider the public record and planning documents relating to the proposed amendments to the Redevelopment Plan and Project, and the designation of additional parcels, for the Village of Lincolnwood Lincoln-Touhy Redevelopment Project Area, as prepared by Kane, McKenna and Associates, Inc. (collectively, the "*Proposed Amendments*"); and

WHEREAS, after consideration of said matters, the Joint Review Board did agree by a vote of the members present, that the Proposed Amendments be approved; that the Village of Lincolnwood Redevelopment Project Area, as amended pursuant to the Proposed Amendments, satisfies the eligibility criteria defined in the Act; that the Village of Lincolnwood Redevelopment Project Area, as amended pursuant to the Proposed Amendments, qualifies as a Conservation Area, as such term is defined in the Act; and further, that the Redevelopment Plan and Project, as presented, conforms to the requirements of the Act;

NOW THEREFORE, BE IT RESOLVED BY THE VILLAGE OF LINCOLNWOOD JOINT REVIEW BOARD, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Resolution are found to be true and correct and are hereby adopted as part of this Resolution.

SECTION 2. RECOMMENDATION. The Joint Review Board does hereby submit the following advisory, non-binding recommendations to the President and Board of Trustees of the Village of Lincolnwood:

- A. The Village of Lincolnwood Lincoln-Touhy Redevelopment Project Area, as amended pursuant to the Proposed Amendments, satisfies the requirements of the proposed Redevelopment Plan and Project for the Redevelopment Project Area, and fulfills the objectives of the Act, and, accordingly, the Joint Review Board recommends that the Village President and Board of Trustees approve the Proposed Amendments.

B. In furtherance thereof, the Joint Review Board recommends that the Village President and Board of Trustees adopt the following ordinances in support of the Proposed Amendments for the Lincoln-Touhy Redevelopment Project Area:

1. An Ordinance Approving an Amended Tax Increment Redevelopment Plan and Project for the Devon-Lincoln Redevelopment Project Area;
2. An Ordinance Amending the Devon-Lincoln Redevelopment Project Area Pursuant to the Tax Increment Allocation Redevelopment Act; and
3. An Ordinance Adopting Tax Increment Allocation Financing for the Amended Devon-Lincoln Redevelopment Project Area.

SECTION 3. SEVERABILITY. If any provision of this Resolution or part thereof is held invalid by a court of competent jurisdiction, the remaining provisions of this Resolution are to remain in full force and effect, and are to be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Resolution to the greatest extent permitted by applicable law

PASSED this 3rd day of April, 2014.

AYES: Paul Eisterhold (Public Member); Su Bochenski (Lincolnwood Library District); Jessica Donato (Lincolnwood School District #74); Jim Persino (Village of Lincolnwood); Nanci Gatta (Niles Township High School District #219); Donald Gelfund (Niles Township); and Courtney Pogue (Cook County)

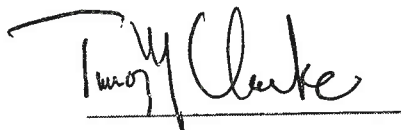
NAYS: None

ABSENT: Oakton Community College District

ABSTENTION: None


Chairman
Joint Review Board
Village of Lincolnwood
Cook County, Illinois

Attested:



Timothy M. Clarke, Village of Lincolnwood

VILLAGE OF LINCOLNWOOD

ORDINANCE NO. 2014-____

**AN ORDINANCE APPROVING AN AMENDED TAX INCREMENT
REDEVELOPMENT PLAN AND PROJECT FOR THE
LINCOLN-TOUHY REDEVELOPMENT PROJECT AREA**

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF LINCOLNWOOD
THIS ____ DAY OF _____, 2014.

Published in pamphlet form by the authority
of the President and Board of Trustees
of the Village of Lincolnwood, Cook County, Illinois
this _____ day of _____, 2014.

ORDINANCE NO. 2014-____

AN ORDINANCE APPROVING AN AMENDED TAX INCREMENT
REDEVELOPMENT PLAN AND PROJECT FOR THE
LINCOLN-TOUHY REDEVELOPMENT PROJECT AREA

WHEREAS, the Village of Lincolnwood is a home rule municipality in accordance with Article VII, Section 6(a) of the Constitution of the State of Illinois of 1970; and

WHEREAS, on February 17, 2011, the President and the Board of Trustees of the Village ("**Corporate Authorities**") adopted: (i) Ordinance No. 2011-2930, approving a redevelopment plan and project prepared by Kane, McKenna and Associates, Inc. ("**Lincoln-Touhy Redevelopment Plan and Project**") for an area generally including the properties located at the northwest, southwest, and southeast corners of the intersection of Lincoln Avenue and Touhy Avenue in the Village ("**Lincoln-Touhy Redevelopment Project Area**"); (ii) Ordinance No. 2011-2931, designating the Lincoln-Touhy Redevelopment Project Area as a redevelopment project area pursuant to the Tax Increment Allocation Redevelopment Act, 65 ILCS 5/11-74.4-1 *et seq.* ("**TIF Act**"); and (iii) Ordinance No. 2011-2932, adopting tax increment allocation financing for the Lincoln-Touhy Redevelopment Project Area, pursuant to the TIF Act; and

WHEREAS, the real property generally located immediately west and north of the Lincoln-Touhy Redevelopment Project Area, along the north side of Touhy Avenue and the west side of Lincoln Avenue, all as more fully described in **Exhibit A** and depicted in **Exhibit B**, attached to this Ordinance ("**Adjacent Redevelopment Area**"), is located in part in the B-3 Village Center Planned Development Zoning District and in part in the O-1 Office Zoning District of the Village; and

WHEREAS, the Village of Lincolnwood depends heavily on its business districts, and primary its Village Center district, to maintain the fiscal integrity of the Village; and

WHEREAS, certain areas of the Village that are appropriate for commercial development, including but not limited to the Adjacent Redevelopment Area, are not reasonably anticipated to be developed or redeveloped without the Village's investment in infrastructure improvements adequate for commercial needs; and

WHEREAS, the Village has examined the conditions of the properties within the Adjacent Redevelopment Area, which examinations have identified extensive improvements that are necessary or appropriate to sustain and enhance commercial development in the Adjacent Redevelopment Area specifically and in the Village generally; and

WHEREAS, the Village has explored various sources of revenue to pay for the expense of the improvements needed to sustain, enhance, and preserve the viability of the Village's commercial development within the Redevelopment Project Area; and

WHEREAS, one means by which the Village could raise sufficient revenue for undertaking necessary and appropriate improvements of the Adjacent Redevelopment Area is the use of tax increment financing ("**TIF**") and the amendment of the Lincoln-Touhy

Redevelopment Project Area to include the Adjacent Redevelopment Area as authorized under 65 ILCS 5/11-74.4-1 *et seq.* (the "**TIF Act**"); and

WHEREAS, the Corporate Authorities commissioned a study by Kane, McKenna and Associates, Inc. ("**KMA**") to determine whether the Adjacent Redevelopment Area meets the qualifications for establishing a redevelopment project area (a "**TIF District**"); and

WHEREAS, after extensive review of the Adjacent Redevelopment Area, KMA delivered a report to the Village in which KMA concludes that: (i) the Adjacent Redevelopment Area qualifies as a TIF District under the TIF Act; and (ii) redevelopment of the Adjacent Redevelopment Area will be most successful if pursued in coordination with the redevelopment of the existing Lincoln-Touhy Redevelopment Project Area ("**Eligibility Report**"); and

WHEREAS, in light of its review of the Adjacent Redevelopment Area and pursuant to extensive discussions with Village officials and others interested in the Adjacent Redevelopment Area, KMA has also prepared a proposed amendment to the Lincoln-Touhy Redevelopment Plan and Project to provide for the redevelopment of the Adjacent Redevelopment Area in accordance with the TIF Act and in coordination with the redevelopment of the existing Lincoln-Touhy Redevelopment Project Area ("**Amended Redevelopment Plan and Project**"); and

WHEREAS, the Eligibility Report and Amended Redevelopment Plan and Project set forth the qualification factors that make the Adjacent Redevelopment Area eligible for consideration as a "conservation area" under Section 11-74.4-3 of the TIF Act; and

WHEREAS, the Eligibility Report and the Amended Redevelopment Plan and Project have been on file and available at the Village Hall since February 19, 2014; and

WHEREAS, pursuant to Section 11-74.4-5 of the TIF Act, the Corporate Authorities convened a meeting of the joint review board on April 3, 2014; and

WHEREAS, at its meeting on April 3, 2014, the joint review board: (i) reviewed the public record, planning documents, and proposed ordinances approving the Amended Redevelopment Plan and Project; and (ii) approved a resolution recommending to the Corporate Authorities the amendment of the existing Lincoln-Touhy TIF District to include the Adjacent Redevelopment Area (the "**JRB Resolution**"); and

WHEREAS, pursuant to Section 11-74.4-5 of the TIF Act, the Corporate Authorities held a public hearing relative to the Redevelopment Plan and Project and Redevelopment Project Area on May 6, 2014 (the "**Public Hearing**"), at which hearing the Corporate Authorities: (i) reviewed the Amended Redevelopment Plan and Project, the information contained in the Eligibility Report, and the JRB Resolution; (ii) heard testimony and received written information concerning the Amended Redevelopment Plan and Project; and (iii) reviewed other information, documentation, and studies so as to be generally informed about the conditions of the Lincoln-Touhy Redevelopment Project Area and the Adjacent Redevelopment Area; and

WHEREAS, the Corporate Authorities have reviewed the information concerning the factors presented at the Public Hearing and are generally informed of the conditions in the

proposed Adjacent Redevelopment Area that cause the Adjacent Redevelopment Area to be a "conservation area" as defined in the TIF Act; and

WHEREAS, the Corporate Authorities have reviewed the conditions pertaining to real property in the proposed Adjacent Redevelopment Area to determine whether contiguous parcels of real property and improvements thereon in the proposed Amended Redevelopment Plan and Project would be substantially benefited by the proposed Amended Redevelopment Plan and Project improvements; and

WHEREAS, the Corporate Authorities have reviewed the proposed Amended Redevelopment Plan and Project and the existing comprehensive planning process for development of the Village as a whole to determine whether the proposed Amended Redevelopment Plan and Project conform to the existing comprehensive planning process of the Village; and

WHEREAS, all notices required pursuant to the TIF Act were provided in accordance with the TIF Act; and

WHEREAS, pursuant to the findings and determinations as provided in this Ordinance, the Corporate Authorities have determined that it is desirable and in the best interest of the public and the Village to approve the Amended Redevelopment Plan and Project;

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LINCOLNWOOD, COOK COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance.

SECTION 2. FINDINGS. The Corporate Authorities hereby find that the following facts have been established by the preponderance of the evidence:

- A. The Adjacent Redevelopment Area is legally described in **Exhibit A** attached to and, by this reference, made a part of this Ordinance. The map of the Adjacent Redevelopment Area is depicted on **Exhibit B** attached to and, by this reference, made a part of this Ordinance. The general street location for the Adjacent Redevelopment Area is described in **Exhibit C** attached to and, by this reference, made a part of this Ordinance.
- B. There exist conditions that cause the Adjacent Redevelopment Area to be subject to designation as a redevelopment project area under the TIF Act and to be classified as a conservation area as defined in the TIF Act.
- C. The proposed Adjacent Redevelopment Area on the whole has not been subject to growth and development through investment by private enterprise and would not be reasonably anticipated to be developed without the adoption of the Amended Redevelopment Plan and Project.

- D. The Amended Redevelopment Plan and Project conform to the existing comprehensive planning process for the development of the Village as a whole.
- E. As set forth in the Amended Redevelopment Plan and Project, it is anticipated that all obligations incurred to finance redevelopment project costs, if any, as defined in the Amended Redevelopment Plan and Project, shall be retired no later than December 31st of the year in which the payment to the Village Treasurer, pursuant to the TIF Act, is to be made with respect to the ad valorem taxes levied in the twenty-third calendar year after the Lincoln-Touhy Redevelopment Project Area was initially designated.
- F. The parcels of real property in the proposed Adjacent Redevelopment Area are contiguous, and only those contiguous parcels of real property and improvements thereon that will be substantially benefited by the proposed Amended Redevelopment Plan and Project improvements are included in the proposed Adjacent Redevelopment Area.
- G. All other findings and certifications set forth in the Amended Redevelopment Plan and Project are hereby adopted as the findings and certifications of the Corporate Authorities as if fully set forth in this Ordinance.

SECTION 3. ADOPTION OF AMENDED REDEVELOPMENT PLAN AND PROJECT. The Amended Redevelopment Plan and Project, which were the subject matter of the Public Hearing, are hereby adopted and approved. A copy of the Amended Redevelopment Plan and Project is set forth in **Exhibit D** attached to and, by this reference, made a part of this Ordinance. In the event of a conflict between the Redevelopment Plan and Project approved pursuant to Ordinance No. 2011-2930 and the Amended Redevelopment Plan and Project adopted pursuant to this Ordinance, the Amended Redevelopment Plan and Project will control.

SECTION 4. AUTHORIZATION FOR TRANSMITTALS AND OTHER ACTION. The President and Board of Trustees hereby authorize and direct the Village Manager to take any and all other statutorily required steps in connection with the approval of the Amended Redevelopment Plan and Project, including, without limitation, the transmission of a certified copy of this Ordinance to the County Clerk of Cook County, Illinois.

SECTION 5. SEVERABILITY. If any provision of this Ordinance or part thereof is held invalid by a court of competent jurisdiction, the remaining provisions of this Ordinance are to remain in full force and effect, and are to be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Ordinance to the greatest extent permitted by applicable law.

SECTION 6. EFFECTIVE DATE. This Ordinance will be in full force and effect from and after its passage, approval, and publication in the manner provided by law.

[SIGNATURE PAGE FOLLOWS]

PASSED this ____ day of _____, 2014.

AYES: _____

NAYS: _____

ABSENT: _____

ABSTENTION: _____

APPROVED by me this ____ day of _____, 2014.

Gerald C. Turry, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office the
____ day of _____, 2014.

Beryl Herman, Village Clerk
Village of Lincolnwood, Cook County, Illinois

#28892436_v1

EXHIBIT A

LEGAL DESCRIPTION OF ADJACENT REDEVELOPMENT AREA

Legal Description for
PROPOSED ADDITION TO TIF DISTRICT

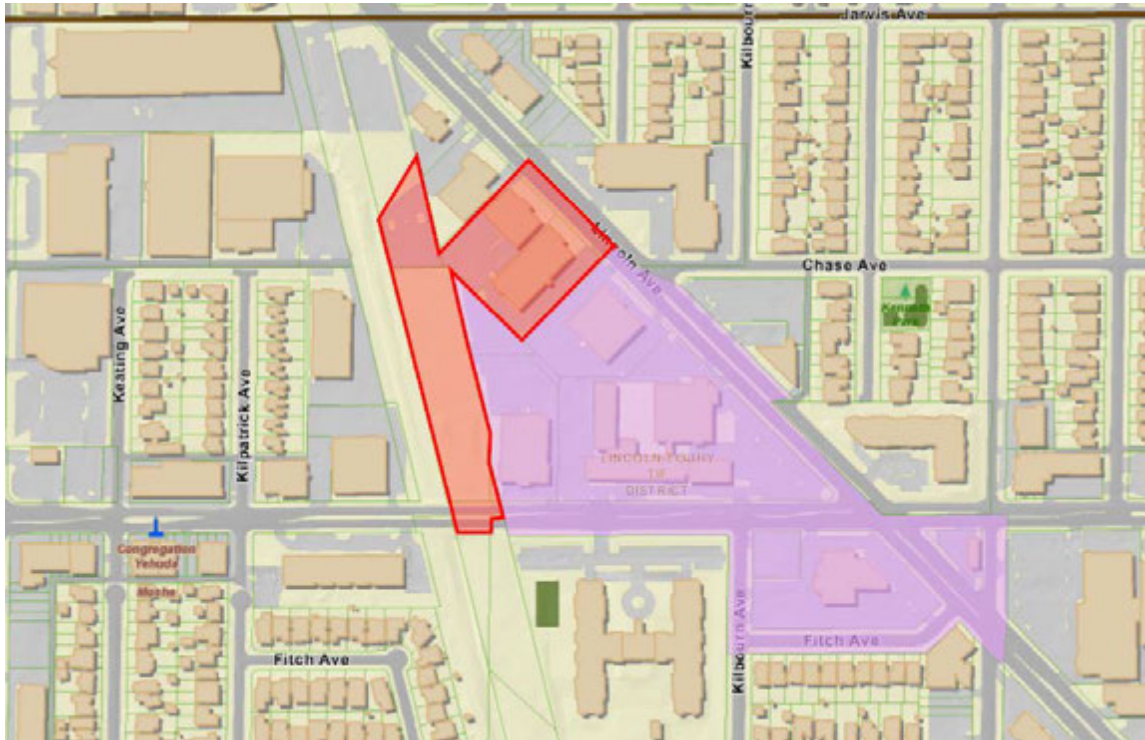
Lots 3 through 10, both inclusive, in Lincoln Touhy Addition to Lincolnwood, being a Subdivision in the Southwest Quarter of Section 27, Township 41 North, Range 13 East of the Third Principal Meridian, recorded April 1, 1960 as Document No. 17819591, along with all the land bounded and described as follows: Proceeding at the Southwest corner of Lot 7 in said Subdivision; thence Southerly along the Southerly extension of the Westerly line of Lot 7, to the South line of Touhy Avenue; thence East along the South line of Touhy Avenue to the West line of Kilbourn Avenue; thence South along the West line of Kilbourn Avenue to the intersection with the Westerly extension of the South line of Fitch Avenue; thence East along said last described line to an angle point in the South line of said Fitch Avenue; thence Northeasterly along the Southeasterly line of Fitch Avenue to the Southwesterly line of Lincoln Avenue; thence Southeasterly along the Southwesterly line of Lincoln Avenue to the East line of Kostner Avenue; thence North along the East line of Kostner Avenue to the centerline of Touhy Avenue; thence West along the centerline of Touhy Avenue to the centerline of the intersection of the North line of Lot 3 of Lincoln Avenue; thence Northwesterly along the centerline of Lincoln Avenue to the North line of the Hampton Place Condominiums, recorded June 11, 1980 as Document No. 25483680; thence Northeasterly to the Southwesterly corner of Lot 33 in Lincoln-Chase-Kostner Subdivision recorded March 31, 1926 as Document No. 9224770; thence Northwesterly along the Southwesterly line of said Subdivision to the most Westerly corner of Lot 45 in said Subdivision; thence Northwesterly to the intersection of the centerline of Lincoln Avenue with the centerline of Chase Avenue; thence Northwesterly along the centerline of Lincoln Avenue to the intersection of the extension of the South Line of Lot 4 of the Lincoln Touhy Addition to Lincolnwood and the centerline of Lincoln Avenue, the Point of Beginning; thence Northwest along the centerline of Lincoln Avenue to the intersection of the centerline of Lincoln Avenue and the extension of the North line of Lot 3 of the Lincoln Touhy Addition to Lincolnwood; then Southwest along the North Line of said Lot 3 to the Northwest corner of said Lot 3; thence Northwest 257 (+/-) feet along the Western line of Lot 2 in the Lincoln Touhy Addition to Lincolnwood; thence West 46 degrees 30 minutes South to the Easterly line of the Union Pacific right-of-way; thence South 856 (+/-) feet along the Easterly line of the Union Pacific right-of-way; thence East 86 (+/-) feet; thence North 43 (+/-) feet to the centerline of Touhy Avenue; thence East to the intersection of the centerline of Touhy Avenue and the Southeasterly extension of the West Line of Lot 7 of the Lincoln Touhy Addition to Lincolnwood; thence Northwest along the West Line of Lot 7; then north along the West Line of Lot 7; thence Northwest to the Northwest corner of Lot 6; thence Southeast to the Southwest corner of Lot 4; thence Northeast to the Point of Beginning, in Cook County, Illinois.

EXHIBIT B

MAP OF ADJACENT REDEVELOPMENT AREA

Lincoln-Touhy TIF District

Proposed Boundary Amendment



- ❖ Area shown in purple is existing TIF District
- ❖ Area Shown in red is area proposed to be added to TIF District

EXHIBIT C

GENERAL STREET LOCATION OF ADJACENT REDEVELOPMENT AREA

General Street Location

The parcels immediately west and north of the initially-adopted Lincoln-Touhy Redevelopment Project Area, along the north side of Touhy Avenue and the west side of Lincoln Avenue

EXHIBIT D

AMENDED REDEVELOPMENT PLAN AND PROJECT

**VILLAGE OF LINCOLNWOOD
TIF REDEVELOPMENT PLAN
LINCOLN-TOUHY TIF DISTRICT – 1ST AMENDMENT**

“Redevelopment plan” means the comprehensive program of the municipality for development or redevelopment intended by the payment of redevelopment project costs to reduce or eliminate those conditions the existence of which qualified the redevelopment project area as a "blighted area" or "conservation area" or combination thereof or "industrial park conservation area," and thereby to enhance the tax bases of the taxing districts which extend into the redevelopment project area as set forth in the Tax Increment Allocation Redevelopment Act, 65 ILCS 5/11-74.4-3, et. seq., as amended.

Prepared by the Village of Lincolnwood, Illinois

in conjunction with

Kane, McKenna and Associates, Inc.

May 2014

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I. INTRODUCTION

The Village of Lincolnwood (the "Village") is located in northern Cook County, Illinois. It is an established community which is contiguous with the northern border of the City of Chicago. The Village also is situated next to the Village of Skokie and near the City of Evanston.

In this report, the Village proposes an amendment (the "1st Amendment") to the existing Lincoln-Touhy Tax Increment Financing ("TIF") Redevelopment Plan to assist an area in overcoming a number of ongoing redevelopment barriers. Kane, McKenna and Associates, Inc. ("KMA") has been retained by the Village of Lincolnwood to conduct an analysis of the qualification and designation of parcels to be included in the existing TIF District, and to assist the Village in amending the TIF Redevelopment Plan. These parcels to be added to the TIF District are located to the immediate north and west of the existing TIF District (the "Amendment Area," legally described in Exhibit 1 and illustrated in Exhibit 2).

TIF Plan Requirements. The Village is completing this Plan as required by the Tax Increment Allocation Redevelopment Act, (the "Act") 65 ILCS 5/11-74.4-3, et. seq., as amended. To establish or amend a TIF district (otherwise known as the Redevelopment Project Area ("RPA")), Illinois municipalities must adopt several documents, including a TIF Redevelopment Plan.

The Act enables Illinois municipalities to establish TIF districts, either to eliminate the presence of blight or to prevent its onset. The Act finds that municipal TIF authority serves a public interest so as to: "promote and protect the health, safety, morals, and welfare of the public, that blighted conditions need to be eradicated and conservation measures instituted, and that redevelopment of such areas be undertaken; that to remove and alleviate adverse conditions it is necessary to encourage private investment and restore and enhance the tax base of the taxing districts in such areas by the development or redevelopment of project areas" (65 ILCS 5/11-74.4-2(b)).

By definition, a TIF "Redevelopment Plan" means the comprehensive program of the municipality for development or redevelopment intended by the payment of redevelopment project costs to reduce or eliminate those conditions the existence of which qualify the redevelopment project area as a "blighted area," "conservation area" (or combination thereof), or "industrial park conservation area," and thereby to enhance the tax bases of the taxing districts which extend into the redevelopment project area as set forth in the Tax Increment Allocation Redevelopment Act.

Community Background. The Village of Lincolnwood was established in 1911 (originally incorporated as Tessville). In the post World-War II era, the municipality became a vibrant, fast growing suburban community, reaching a population of nearly 13,000 by 1970. Since then the population has stabilized

and was at an estimated 12,656 based on the 2012 U.S. Census estimate (a slight increase over 2010 and 2000).

The Village has a number of important assets that create an economically competitive environment for businesses and desirable location for residents. Because of its proximity to Chicago and nearby north shore suburbs, it has an excellent location and access to important amenities. Lincoln Avenue, one of the oldest arterial roads in the region, acts as an important gateway to the community. Aside from providing excellent transportation access, Lincoln Avenue acts as an important entry point for welcoming visitors to the Village.

In addition to Lincoln Avenue, the Village has a number of other transportation assets. Touhy Avenue is an important east/west arterial and enables access to Interstate 94. In addition to the network of roadways, residents and businesses benefit from close proximity to two Metra rail lines as well as a newly opened CTA train station. Aside from physical assets, the business environment is supported by a tradition of professional city management and high quality schools.

In summary, the TIF District has a number of important assets:

- Both Lincoln Avenue and Touhy Avenue are major arterial roads and as such have the traffic counts necessary to support commercial and retail uses;
- The Lincoln/Touhy study area is situated in the middle of a network of retailers that would complement any new uses with the study area;
- The area is close to the Interstate 94 access ramp;
- The area is potentially “walkable” in terms of facilitating future pedestrian-oriented plans envisioned in the Lincoln Avenue Corridor Study (since residential areas and parks are within walking distance); and
- The RPA has had certain public improvements along Lincoln Avenue, just outside of the study area.

On the latter point, the Village made a number of public investments to improve the function and appearance of Lincoln Avenue pursuant to the Lincoln Avenue Corridor Study. TIF financing would enable the Village to continue and deepen this existing program.

Despite its potential advantages, many parcels in the area are underutilized. The TIF District as a whole, including the Amendment Area, suffers from a variety of economic development impediments as identified in the TIF Act, such as excessive vacancies and obsolescence. In comparison to the balance of Village taxable values, the TIF district property valuations have lagged behind the Village’s annual growth rates. The TIF Qualification Report (Section V) identifies other impediments to redevelopment.

The TIF District as Amended. The existing TIF District or RPA consists of 8 tax parcels, whereas the Amendment Area covers 5 parcels . Most of the existing TIF District area (in terms of land and building space) is to the northwest of the intersection of Touhy Avenue and Lincoln Avenue, with additional parcels south of Touhy. The Amendment Area adds additional parcels to the north and west of the TIF District, accounting for 24% of the overall acreage of the TIF District (5.7 acres of the 23.3 acres).

Historically, the dominant land use had been the “Purple Hotel,” one of the largest buildings in the Village during the past 50 years until being demolished in 2013. Overall, the RPA has traditionally been heavily commercial, taking into account the former hotel use as well as adjacent buildings. The Amendment Area brings in two additional commercial structures as well as an adjacent ComEd property.

The TIF District has suffered from a variety of economic development impediments, as identified in the TIF Act. For example, it suffers from obsolescence. Section V of the *TIF Eligibility Report* (see Appendix 5) report identifies the impediments to redevelopment of the Amendment Area. On balance, the combination of these factors limits the opportunities for private reinvestment within and around the RPA. Such factors suppress the value of future development and weaken the potential for business growth – limiting employment and contributing to the lack of sustained investment in the area.

The RPA may be suitable for new development if there is coordination of uses and redevelopment activity by the Village. Under the TIF Redevelopment Plan as amended, the Village intends to continue efforts to attract and encourage commercial and retail/mixed uses to locate, upgrade, expand and/or modernize their facilities within the Village. The Village would maintain its program to redevelop key areas within the Village and in so doing, it would stabilize the area, extend benefits to the community, and assist affected taxing districts over the long run.

Rationale for Redevelopment Plan. The Village recognizes the need for an ongoing strategy to revitalize properties and promote development within the boundaries of the RPA. Incremental property tax revenue generated by redevelopment will play a decisive role in encouraging private development. Site conditions that may have precluded intensive private investment in the past will be eliminated. Ultimately, the implementation of the Plan will benefit both the Village and surrounding taxing districts, by virtue of the expected expansion of the tax base.

The Village does not anticipate that area as a whole would be developed in a coordinated manner without a TIF Redevelopment Plan. Further, the inclusion of the Amendment Area is necessary to advance redevelopment goals and partner with private developers on the reuse of the former Purple Hotel site. The Village, with the assistance of KMA, has therefore commissioned this Plan Amendment to

use tax increment financing in order to address local needs and to meet redevelopment goals and objectives.

The designation of the area as an RPA will allow the Village to continue to pursue the following beneficial strategies:

- Enhancing area appearance through improvements to landscape, streetscape and signage;
- Establishing a pattern of land-use activities that will increase efficiency and economic inter-relationships, especially as such uses complement adjacent current and/or future commercial opportunities and Village redevelopment projects within the RPA and/or surrounding area;
- Coordinating land assembly in order to provide sites for redevelopment;
- Providing infrastructure that supports subsequent redevelopment plans for the RPA; and
- Entering into redevelopment agreements in order to redevelop property and/or to induce new development to locate within the RPA.

Through this Plan, the Village will serve as the central influence for the coordination and assembly of the assets and investments of the private sector and establish a unified, cooperative public-private redevelopment effort. Several benefits are expected to accrue to the area: entry of new businesses; new employment opportunities; and physical and aesthetic improvements.

Ultimately, the continued implementation of the Plan will benefit (a) the Village, (b) the taxing districts serving the RPA, (c) residents and property owners within the RPA, and (d) existing and new businesses.

Village Findings. The Village, through legislative actions as required by the Act, affirms the following findings:

- That the RPA as a whole has not been subject to growth and development through investment by private enterprise;
- That in order to promote and protect the health, safety, and welfare of the public, certain conditions that have adversely affected redevelopment within the RPA need to be addressed, and that redevelopment of such areas must be undertaken;
- To alleviate the adverse conditions, it is necessary to encourage private investment and enhance the tax base of the taxing districts in such areas by the development or redevelopment of certain areas;

- That public/private partnerships are determined to be necessary in order to achieve development goals;
- That without the development focus and resources provided for under the Act and as set forth in this Plan, growth and development would not reasonably be expected to be achieved;
- That the use of incremental tax revenues derived from the tax rates of various taxing districts in the RPA for the payment of redevelopment project costs is of benefit to the taxing districts, because the taxing districts would not derive the benefits of an increased assessment base without addressing the coordination of redevelopment; and
- That the TIF Redevelopment Plan conforms to the Lincolnwood Comprehensive Plan.

It is further found, and certified by the Village, in connection to the process required for the adoption or amendment of this Plan pursuant to the Act, that the projected redevelopment of the RPA would not result in the displacement of ten (10) inhabited residential units or more, and that the RPA contains fewer than seventy-five (75) inhabited residential units. Therefore, *this Plan does not include a Housing Impact Study.*

The redevelopment activities that will take place within the RPA will produce benefits that are reasonably distributed throughout the RPA. Redevelopment of the RPA area is tenable only if a portion of the improvements and other costs are funded by TIF.

Pursuant to the Act, the RPA includes only those contiguous parcels of real property and improvements thereon substantially benefited by the redevelopment project. Also pursuant to the Act, the area in the aggregate is more than 1½ acres. A boundary map of the RPA is included in Appendix 2 of this Plan.

II. TIF DISTRICT AS AMENDED

The existing TIF District covers an area located primarily northwest of the Touhy/Lincoln intersection with a limited number of parcels on the southern side of Touhy Avenue. The Amendment Area would bring in additional parcels further north and west of the existing district.

The TIF District including the Amendment Area previously has suffered from a variety of economic development impediments, as identified in the TIF Act. Refer to Exhibit 5, which delineates the redevelopment challenges facing the Amendment Area (comparable to the challenges in the existing TIF District, detailed in the original TIF Plan).

The amendment herein would not alter the goals and objectives or land uses of the TIF District; these would be retained “as is” for the remaining term of the TIF District. The scope of the amendment is limited to a change in the boundaries of the TIF District.

III. AMENDMENT TO TIF PLAN

In this section, the amendatory provisions revising the Lincoln-Touhy TIF Plan are presented. As noted, the major goal is to expand the TIF District to bring in additional parcels to the north and west of the existing TIF boundaries.

Amendment A

Appendix 1 of the Original TIF Plan – Legal Description

Appendix 1 of the Original TIF Plan is replaced in its entirety with the amended legal description. Refer to Exhibit 1 herein.

Amendment B

Appendix 2 of the Original TIF Plan – Boundary Map

Appendix 2 of the Original TIF Plan is replaced in its entirety with the amended boundary map. Refer to Exhibit 2 herein.

Amendment C

Appendix 3 of the Original TIF Plan – Existing Land Use Map

Appendix 3 of the Original TIF Plan is replaced in its entirety with the amended existing land use map. Refer to Exhibit 3 herein.

Amendment D

Appendix 4 of the Original TIF Plan – Future Land Use Map

Appendix 4 of the Original TIF Plan is replaced in its entirety with the amended future land use map. Refer to Exhibit 4 herein.

Amendment E

Page 25 of the Original TIF Plan

The ~~most recent equalized assessed valuation for the RPA is based on the 2008 EAV, and is estimated to be approximately \$9,517,980. It is anticipated the estimated Base EAV for establishment of the RPA will be the 2009 EAV and the EAV estimate will be updated once the State equalizer and values are certified. Currently, the 2009 original base EAV was determined~~ is estimated to be \$7,510,079 by the Cook County Clerk. Inclusive of the Amendment Area, the revised base EAV is estimated to be \$10,622,054.

EXHIBIT 1

Legal Description as Amended

TIF Legal Description
(Revised 5/28/14)

ENTIRE DISTRICT AS PROPOSED

Lots 3 through 10, both inclusive, in Lincoln Touhy Addition to Lincolnwood, being a Subdivision in the Southwest Quarter of Section 27, Township 41 North, Range 13 East of the Third Principal Meridian, recorded April 1, 1960 as Document No. 17819591, along with all the land bounded and described as follows: Proceeding at the Southwest corner of Lot 7 in said Subdivision; thence Southerly along the Southerly extension of the Westerly line of Lot 7, to the South line of Touhy Avenue, the Point of Beginning; thence East along the South line of Touhy Avenue to the West line of Kilbourn Avenue; thence South along the West line of Kilbourn Avenue to the intersection with the Westerly extension of the South line of Fitch Avenue; thence East along said last described line to an angle point in the South line of said Fitch Avenue; thence Northeasterly along the Southeasterly line of Fitch Avenue to the Southwesterly line of Lincoln Avenue; thence Southeasterly along the Southwesterly line of Lincoln Avenue to the East line of Kostner Avenue; thence North along the East line of Kostner Avenue to the centerline of Touhy Avenue; thence West along the centerline of Touhy Avenue to the centerline of the intersection of the North line of Lot 3 of Lincoln Avenue; thence Northwesterly along the centerline of Lincoln Avenue to the North line of the Hampton Place Condominiums, recorded June 11, 1980 as Document No. 25483680; thence Northeasterly to the Southwesterly corner of Lot 33 in Lincoln-Chase-Kostner Subdivision recorded March 31, 1926 as Document No. 9224770; thence Northwesterly along the Southwesterly line of said Subdivision to the most Westerly corner of Lot 45 in said Subdivision; thence Northwesterly to the intersection of the centerline of Lincoln Avenue with the centerline of Chase Avenue; thence Northwesterly along the centerline of Lincoln Avenue to the intersection of the extension of the North Line of Lot 3 of the Lincoln Touhy Addition to Lincolnwood and the centerline of Lincoln Avenue; thence Southwest along the North Line of said Lot 3 to the southwest corner of said Lot 3; thence Northwest 257 (+/-) feet along the Western line of Lot 2 in the Lincoln Touhy Addition to Lincolnwood; thence West 46 degrees 30 minutes South to the Easterly line of the Union Pacific right-of-way; thence South 856 (+/-) feet along the Easterly line of the Union Pacific right-of-way; thence East 86 (+/-) feet; thence North 43 (+/-) feet to the centerline of Touhy Avenue; thence East to the intersection of the centerline of Touhy Avenue and the Southeasterly extension of the West Line of Lot 7 of the Lincoln Touhy Addition to Lincolnwood; thence Southeast along said extension to the Point of Beginning., in Cook County, Illinois.

PROPOSED ADDITION

Lots 3 through 10, both inclusive, in Lincoln Touhy Addition to Lincolnwood, being a Subdivision in the Southwest Quarter of Section 27, Township 41 North, Range 13 East of the Third Principal Meridian, recorded April 1, 1960 as Document No. 17819591, along with all the land bounded and described as follows: Proceeding at the Southwest corner of Lot 7 in said Subdivision; thence Southerly along the Southerly extension of the Westerly line of Lot 7, to the South line of Touhy Avenue; thence East along the South line of Touhy Avenue to the West line of Kilbourn Avenue; thence South along the West line of Kilbourn Avenue to the intersection with the Westerly extension of the South line of Fitch

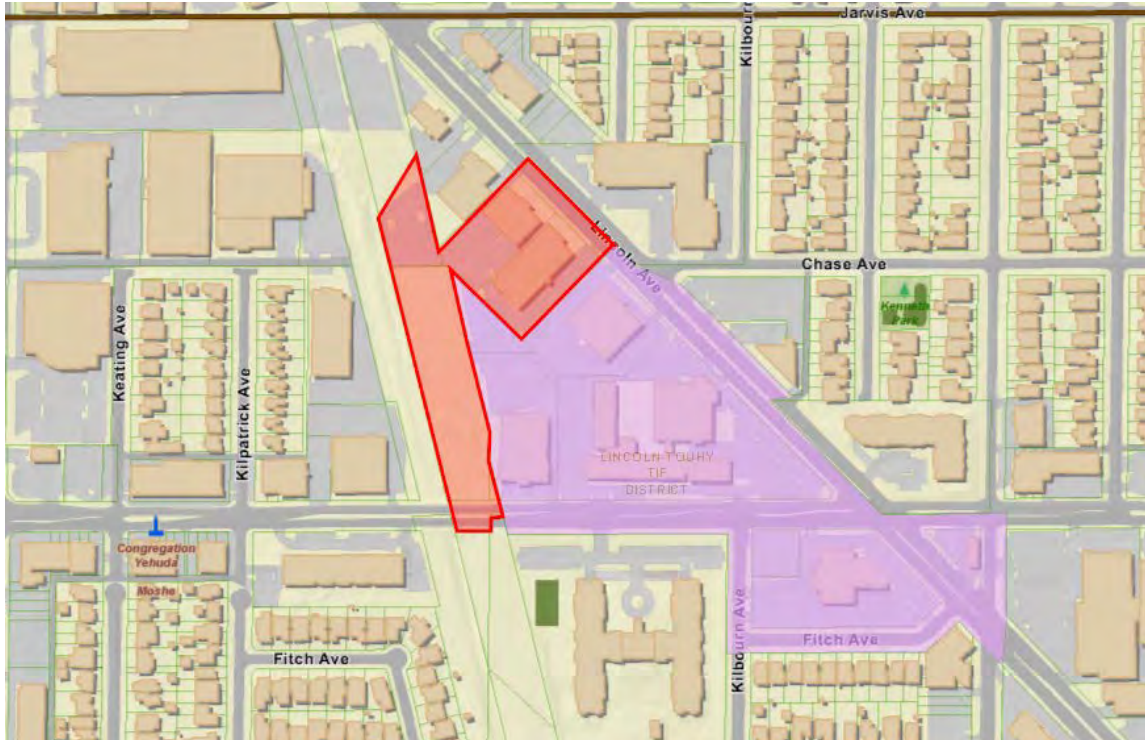
Avenue; thence East along said last described line to an angle point in the South line of said Fitch Avenue; thence Northeasterly along the Southeasterly line of Fitch Avenue to the Southwesterly line of Lincoln Avenue; thence Southeasterly along the Southwesterly line of Lincoln Avenue to the East line of Kostner Avenue; thence North along the East line of Kostner Avenue to the centerline of Touhy Avenue; thence West along the centerline of Touhy Avenue to the centerline of the intersection of the North line of Lot 3 of Lincoln Avenue; thence Northwesterly along the centerline of Lincoln Avenue to the North line of the Hampton Place Condominiums, recorded June 11, 1980 as Document No. 25483680; thence Northeasterly to the Southwesterly corner of Lot 33 in Lincoln-Chase-Kostner Subdivision recorded March 31, 1926 as Document No. 9224770; thence Northwesterly along the Southwesterly line of said Subdivision to the most Westerly corner of Lot 45 in said Subdivision; thence Northwesterly to the intersection of the centerline of Lincoln Avenue with the centerline of Chase Avenue; thence Northwesterly along the centerline of Lincoln Avenue to the intersection of the extension of the South Line of Lot 4 of the Lincoln Touhy Addition to Lincolnwood and the centerline of Lincoln Avenue, the Point of Beginning; thence Northwest along the centerline of Lincoln Avenue to the intersection of the centerline of Lincoln Avenue and the extension of the North line of Lot 3 of the Lincoln Touhy Addition to Lincolnwood; then Southwest along the North Line of said Lot 3 to the Northwest corner of said Lot 3; thence Northwest 257 (+/-) feet along the Western line of Lot 2 in the Lincoln Touhy Addition to Lincolnwood; thence West 46 degrees 30 minutes South to the Easterly line of the Union Pacific right-of-way; thence South 856 (+/-) feet along the Easterly line of the Union Pacific right-of-way; thence East 86 (+/-) feet; thence North 43 (+/-) feet to the centerline of Touhy Avenue; thence East to the intersection of the centerline of Touhy Avenue and the Southeasterly extension of the West Line of Lot 7 of the Lincoln Touhy Addition to Lincolnwood; thence Northwest along the West Line of Lot 7; then north along the West Line of Lot 7; thence Northwest to the Northwest corner of Lot 6; thence Southeast to the Southwest corner of Lot 4; thence Northeast to the Point of Beginning, in Cook County, Illinois.

EXHIBIT 2

Boundary Map as Amended

Lincoln-Touhy TIF District

Proposed Boundary Amendment



- ❖ Area shown in purple is existing TIF District
- ❖ Area Shown in red is area proposed to be added to TIF District

EXHIBIT 3

Existing Land Use Map as Amended



Proposed Lincoln - Touhy TIF District as Amended – Current Land Use

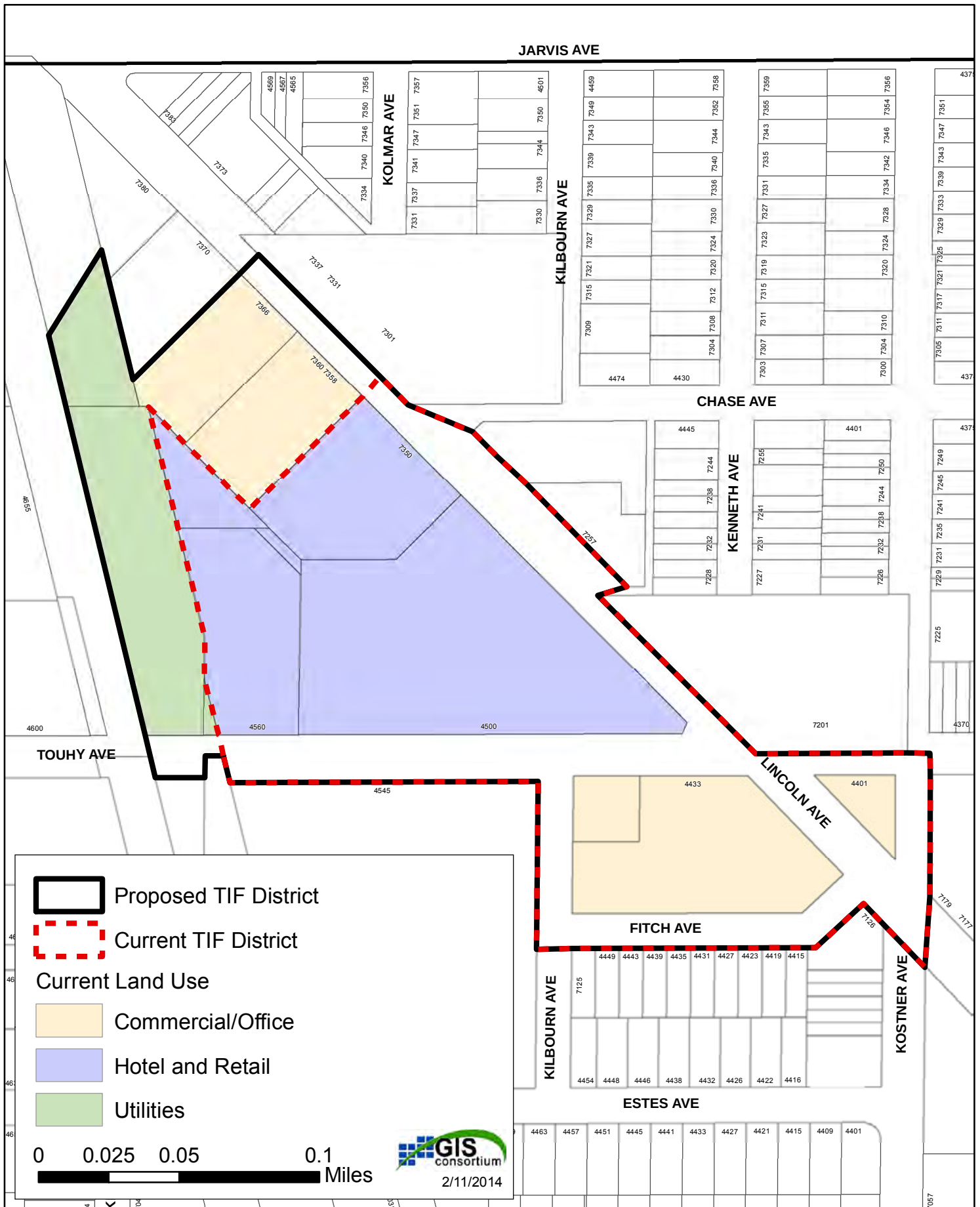


EXHIBIT 4

Future Land Use Map as Amended



Proposed Lincoln - Touhy TIF District as Amended – Future Land Use

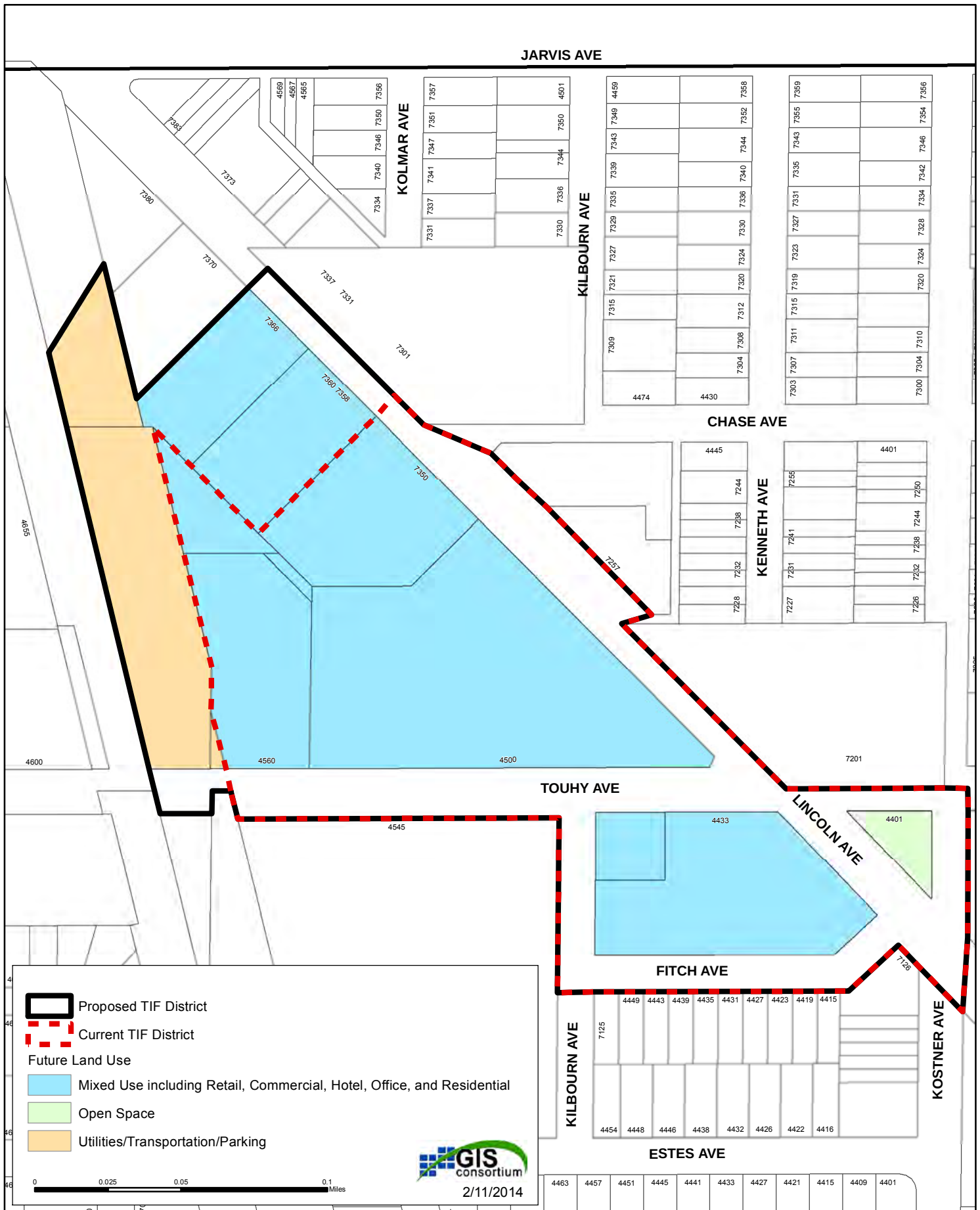


EXHIBIT 5

TIF Qualification Report for Amendment Area

Prepared by Kane, McKenna and Associates

**VILLAGE OF LINCOLNWOOD
TIF ELIGIBILITY REPORT
LINCOLN-TOUHY TIF DISTRICT – 1st AMENDMENT**

A study to determine whether all or a portion of an area located in the Village of Lincolnwood qualifies as a conservation area as set forth in the definitions in the Tax Increment Allocation Redevelopment Act, 65 ILCS 5/11-74.4-3, et seq., as amended.

**Prepared for:
The Village of Lincolnwood, Illinois**

**Prepared Jointly by:
The Village of Lincolnwood, Illinois
and
Kane, McKenna and Associates, Inc.**

May 2014

**VILLAGE OF LINCOLNWOOD
TIF ELIGIBILITY REPORT
LINCOLN-TOUHY TIF DISTRICT – 1ST AMENDMENT**

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EXECUTIVE SUMMARY

Kane, McKenna and Associates, Inc. (“KMA”) has been retained by the Village of Lincolnwood (the “Village”) to conduct an analysis of the qualification of an area that would be included in the existing Lincoln-Touhy Tax Increment Finance (TIF) District. The proposed amendment herein would result in the addition of five (5) tax parcels to the existing TIF District (the “1st Amendment” or “amendment”). The Village is pursuing the effort as part of its ongoing strategy to promote the revitalization of key under-utilized properties located within the Village.

The Village has two principle aims in pursuing the TIF district amendment. The first goal is to promote redevelopment of three parcels (adjacent to the existing TIF District parcels) that have experienced certain impediments such as obsolescence, excessive vacancies, and deterioration (the “Amendment Area”). The TIF District amendment would enable the Village to address area-wide impediments such as inadequate utilities, as well as the impediments above.

Secondly, TIF action would address the limited opportunities the Village has to encourage new commercial growth and mixed uses within a “land-locked” community. Because the Village (a) is a mature community that can no longer grow through annexation, (b) has few parcels of undeveloped land remaining within Village limits, and (c) has few groupings of properties served by major roadways, the targeted redevelopment area provides a rare opportunity to undertake major new reinvestment projects. By so doing, it would support the Village’s strategy for the encouragement of growth through the reuse and redevelopment of older or under-utilized properties.

Based upon the analysis completed to date, KMA has reached the following conclusions regarding the qualification of the TIF District Amendment Area:

1) *Improved land within the TIF District as proposed for amendment qualifies as a “conservation area” pursuant to the Act* – The TIF District Amendment Area qualifies as a conservation area under the Illinois Tax Increment Allocation Redevelopment Act (ILCS 5/11-74.4-1 et. seq., as amended; hereinafter referred to as the “TIF Act” or “Act”). This condition prevents, or threatens to prevent, the healthy economic and physical development of properties in a manner that the community deems essential to its overall economic health.

2) *Current conditions impede redevelopment* – The existence of certain conditions found within the Amendment Area present impediments to the area’s successful redevelopment. This is because the factors negatively impact coordinated and substantial private sector investment in the overall TIF District. Without the use of Village planning and economic development resources to mitigate such factors, potential redevelopment projects (along with other activities that require private sector investment) are not likely to be economically feasible.

3) *Viable redevelopment sites could produce incremental revenue* – Within the TIF District as proposed for amendment, there are parcels which potentially could be redeveloped or rehabilitated and thereby produce incremental property tax revenue. Such revenue, used in combination with other Village resources for redevelopment incentives or public improvements, would likely stimulate private investment and reinvestment in these sites and ultimately throughout the TIF District.

4) *TIF designation recommended* – To mitigate redevelopment area conditions, promote private sector investment, and foster the economic viability of the TIF District, KMA recommends that the Village proceed with the formal TIF designation process for the entire area.

Because the Village will not be considering the redevelopment of residential parcels, and it will certify that it will not dislocate 10 or more residential units within the TIF district, the Village will not conduct a housing impact study pursuant to the TIF Act.

I. INTRODUCTION AND BACKGROUND

In amending the Lincoln-Touhy Tax Increment Financing District, the Village of Lincolnwood has evaluated certain parcels in the vicinity of Touhy and Lincoln Avenue to determine whether they qualify under the TIF Act for inclusion in the district. Kane, McKenna and Associates, Inc. agreed to undertake the study of the RPA on the Village's behalf.

Economic Development Goals.

The Village's general economic development goals are to enhance business, commercial, industrial, and mixed use opportunities while at the same time advancing certain other goals identified in the Village's *Comprehensive Plan* (e.g., improving the appearance of arterial roads). Given the Village's goals as well as the conditions described in this Report, the Village has made a determination that it is highly desirable to promote the ongoing redevelopment of the Lincoln-Touhy Tax Increment Financing District (the "TIF District," "Redevelopment Project Area" or "RPA"). Absent an implementation plan for redevelopment, Village officials believe adverse conditions will worsen. The Village intends to implement such a plan in order to restore, stabilize, and increase the economic base associated with the TIF District as amended, which will not only benefit the community as a whole but also generate additional tax revenues to support municipal improvements.

Because of the conditions observed in the Amendment Area and the required coordination for future land uses, the Village is favorably disposed toward supporting redevelopment efforts. The Village has determined that redevelopment should take place through the benefit and guidance of comprehensive economic planning by the Village. Through this coordinated effort, conditions within the TIF District are expected to improve and development barriers to be mitigated.

The Village has further determined that redevelopment is feasible only with public finance assistance. The creation and utilization of a TIF redevelopment plan is intended by the Village to help provide the assistance required to eliminate conditions detrimental to successful redevelopment of the TIF District.

The use of TIF relies upon induced private redevelopment in the RPA to create higher real estate values that would otherwise decline without such investment. This would result in increased property taxes compared to the previous land use (or lack of use). In this way, the existing tax base for all tax districts would be protected and a portion of future increased taxes pledged to attract the requisite private investment.

Current Land Use.

The TIF District Amendment Area is adjacent to the existing TIF District and north of the Lincoln-Touhy Avenue intersection. The original TIF District contained primarily hotel uses (prior to demolition in 2013) whereas the Amendment Area contains commercial office uses. The two structures within the Amendment Area have significant levels of vacancies as discussed in Section V. Refer to the TIF Plan as amended (Exhibit 2) which provides a detailed map of the TIF District as proposed for amendment.

The TIF District has a number of important assets:

- Both Lincoln Avenue and Touhy Avenue are major arterial roads and as such have the traffic counts necessary to support commercial, retail and mixed uses;
- The Lincoln / Touhy study area is situated in the midst of a number of retailers that would complement any new uses with the study area;
- The area is close to the Interstate 94 access ramps;
- The area is potentially “walkable” in terms of facilitating future pedestrian-oriented plans envisioned in the *Lincoln Avenue Corridor Study* (since residential areas and parks are within walking distance); and
- Lincoln Avenue has had certain public improvements, just outside of the study area that would complement potential investments within the TIF District.

On the latter point, the area is nearly equidistant between two Metra train lines with nearby stops in Morton Grove and Chicago (Edgebrook) to the west and Evanston to the east. It also close to a CTA Red Line train stop due east as well as a CTA Yellow Line train stop recently opened to the north in Skokie. Further, the Village prior to the recent recession made a number of public investments to improve the function and appearance of Lincoln Avenue pursuant to the *Lincoln Avenue Corridor Study*. TIF financing would enable the Village to continue and deepen this existing program.

Finally, the area (with the addition of the Amendment Area parcels) is an unusually large, developable site. Because the Village is an established, “built-out” community, there are very few large scale parcels available for development that are comparable to the targeted site.

Despite its potential advantages, many parcels in the area are underutilized. The TIF District as a whole suffers from a variety of economic development impediments as identified in the TIF Act, such as excessive vacancies and obsolescence. In comparison to the balance of Village taxable value, the TIF district property valuations have lagged behind the Village’s annual growth rates. Section V of this report identifies other impediments to redevelopment.

General Scope and Methodology.

KMA formally began its analysis by conducting a series of meetings and discussions with Village staff, starting in October 2013 and continuing periodically up to the date of this report’s issuance. The purpose of the meetings was to establish boundaries for the TIF District Amendment Area and to gather data related to the qualification criteria for properties included in the TIF District. These meetings were complemented by a series of field surveys of the entire area to evaluate the condition of the TIF District on a parcel-by-parcel basis. The field surveys and data collected have been utilized to test the likelihood that various areas located within the TIF District would qualify for TIF designation.

For the purpose of the study, properties within the TIF District were examined in the context of the TIF Act governing improved areas (separate provisions of the TIF Act

address unimproved areas). The qualification factors discussed in this report qualify the area as a conservation area, as the term is defined under the TIF Act.

During the course of its work, KMA reported to key Village staff its findings regarding TIF qualification and redevelopment prospects for the area under study. Based on these findings the Village (a) made refinements to the TIF District boundaries and (b) directed KMA to complete this report and to move forward with the preparation of a Redevelopment Plan and Project for the TIF District.

For additional information about KMA's data collection and evaluation methods, refer to Section IV of this report.

II. QUALIFICATION CRITERIA USED

With the assistance of Village staff in 2013, Kane, McKenna and Associates, Inc. evaluated the TIF District to determine the presence or absence of qualifying factors listed in the TIF Act. The relevant sections of the TIF Act are found below.

The TIF Act sets out specific procedures which must be adhered to in designating a TIF District/Redevelopment Project Area. By definition, a Redevelopment Project Area is:

“An area designated by the municipality, which is not less in the aggregate than 1 1/2 acres and in respect to which the municipality has made a finding that there exist conditions which cause the area to be classified as an industrial park conservation area or a blighted area or a conservation area, or a combination of both blighted areas and conservation areas.”

Under the Act, “conservation area” means any improved area within the boundaries of a Redevelopment Project Area located within the territorial limits of the municipality where certain conditions are met, as identified below.

TIF Qualification Factors for a Conservation area.

In accordance with the Illinois TIF Act, KMA performed a two-step assessment to determine if the proposed RPA qualified as a conservation area. First, KMA analyzed the threshold factor of age to determine if 50% or more of the structures were 35 years of age or older.

Secondly, if a proposed conservation area meets the age threshold, then the following factors are to be examined to determine TIF qualification:

If a *conservation area*, industrial, commercial and residential buildings or improvements are detrimental to the public safety, health or welfare because of a combination of five (5) or more of the following factors, each of which is (i) present, with that presence documented to a meaningful extent so that a municipality may reasonably find that the factor is clearly present within the intent of the Act and (ii) reasonably distributed throughout the improved part of the Redevelopment Project Area:

(A) Dilapidation. An advanced state of disrepair or neglect of necessary repairs to the primary structural components of building or improvements in such a combination that a documented building condition analysis determines that major repair is required or the defects are so serious and so extensive that the buildings must be removed.

(B) Obsolescence. The condition or process of falling into disuse. Structures become ill-suited for the original use.

(C) Deterioration. With respect to buildings, defects including, but not limited to, major defects in the secondary building components such as doors, windows,

porches, gutters, downspouts, and fascia. With respect to surface improvements, that the condition of roadways, alleys, curbs, gutters, sidewalks, off-street parking and surface storage areas evidence deterioration, including, but limited to, surface cracking, crumbling, potholes, depressions, loose paving material and weeds protruding through paved surfaces.

(D) Presence of Structures Below Minimum Code Standards. All structures that do not meet the standards of zoning, subdivision, building, fire and other governmental codes applicable to property, but not including housing and property maintenance codes.

(E) Illegal Use of Individual Structures. The use of structures in violation of applicable federal, State, or local laws, exclusive of those applicable to the presence of structures below minimum code standards.

(F) Excessive Vacancies. The presence of buildings that are unoccupied or under-utilized and that represent an adverse influence on the area because of the frequency, extent, or duration of the vacancies.

(G) Lack of Ventilation, Light, or Sanitary Facilities. The absence of adequate ventilation for light or air circulation in spaces or rooms without windows, or that require the removal of dust, odor, gas, smoke or other noxious airborne materials. Inadequate natural light and ventilation means the absence of skylights or windows for interior spaces or rooms and improper window sizes and amounts by room area to window area ratios. Inadequate sanitary facilities refers to the absence or inadequacy of garbage storage and enclosure, bathroom facilities, hot water and kitchens and structural inadequacies preventing ingress and egress to and from all rooms and units within a building.

(H) Inadequate Utilities. Underground and overhead utilities such as storm sewers and storm drainage, sanitary sewers, water lines and gas, telephone and electrical services that are shown to be inadequate. Inadequate utilities are those that are: (i) of insufficient capacity to serve the uses in the Redevelopment Project Area; (ii) deteriorated, antiquated, obsolete or in disrepair; or (iii) lacking within the Redevelopment Project Area.

(I) Excessive Land Coverage and Overcrowding of Structures and Community Facilities. The over-intensive use of property and the crowding of buildings and accessory facilities onto a site. Examples of problem conditions warranting the designation of an area as exhibiting excessive land coverage are: (i) the presence of buildings either improperly situated on parcels or located on parcels of inadequate size and shape in relation to present-day standards of development for health and safety and (ii) the presence of multiple buildings on a single parcel. For there to be a finding of excessive land coverage, these parcels must exhibit one or more of the following conditions: insufficient provision for light and air within or around buildings, increased threat of spread of fire due to the close proximity of buildings, lack of adequate or proper access to a public right-of-way,

lack of reasonably required off-street parking or inadequate provision for loading service.

(J) Deleterious Land-Use or Layout. The existence of incompatible land-use relationships, buildings occupied by inappropriate mixed-uses or uses considered to be noxious, offensive or unsuitable for the surrounding area.

(K) Environmental Clean-Up. The Redevelopment Project Area has incurred Illinois Environmental Protection Agency or United States Environmental Protection Agency remediation costs for (or a study conducted by an independent consultant recognized as having expertise in environmental remediation has determined a need for) the clean-up of hazardous waste, hazardous substances or underground storage tanks required by State or federal law. Any such remediation costs would constitute a material impediment to the development or redevelopment of the Redevelopment Project Area.

(L) Lack of Community Planning. The Redevelopment Project Area was developed prior to or without the benefit or guidance of a community plan. This means that the development occurred prior to the adoption by the municipality of a comprehensive or other community plan or that the plan was not followed at the time of the area's development. This factor must be documented by evidence of adverse or incompatible land-use relationships, inadequate street layout, improper subdivision, parcels of inadequate shape and size to meet contemporary development standards or other evidence demonstrating an absence of effective community planning.

(M) "Stagnant" or Lagging EAV. The total equalized assessed value (EAV) of the Redevelopment Project Area has declined for three (3) of the last five (5) calendar years prior to the year in which the Redevelopment Project Area is designated, or is increasing at an annual rate that is less than the balance of the municipality for three (3) of the last five (5) calendar years, for which information is available or increasing at an annual rate that is less than the Consumer Price Index for All Urban Consumers published by the United States Department of Labor or successor agency for three (3) of the last five (5) calendar years prior to the year in which the Redevelopment Project Area is designated.

III. THE TIF DISTRICT AMENDMENT AREA

The TIF District Amendment Area contains parcels located adjacent to and north and west of the existing TIF District, which is situated at the Lincoln/Touhy Avenue intersection. The TIF District as amended contains parcels and acreage primarily located northwest of the intersection, with additional parcels south of Touhy Avenue. Please refer to Exhibit 2 of the TIF Plan as amended which contains a map showing the boundaries of the TIF District and the contiguous Amendment Area.

The core area of the existing TIF District as amended includes the parcel where the Purple Hotel was formerly located, as well as two ancillary commercial structures. Historically, it was an active, commercially successful hotel that was part of a national chain. Over time, the hotel's operations declined and at the time of closing, it was independently operated as "the Purple Hotel." The Purple Hotel was closed in 2007 due to myriad building code, fire code and other municipal infractions, and then was demolished in November 2013 along with the two ancillary buildings. The Amendment Area parcels also are experiencing economic challenges as well, such as obsolescence.

Despite the obsolescence and ongoing vacancies associated with the former hotel properties, the overall Lincoln Avenue corridor has a number of assets as identified in Section I above. In addition to traffic volume desirable for retail, commercial and mixed uses, it has a number of other advantages that could be leveraged in the future – e.g., transportation assets – and it is a general priority for Village planning efforts (per the *Lincoln Avenue Corridor Study*).

IV. METHODOLOGY OF EVALUATION

In evaluating the Amendment Area for inclusion as a TIF District, the following methodology was utilized:

- 1) Site surveys of the TIF District Amendment Area were undertaken by representatives from Kane, McKenna and Associates, Inc., supplemented with photographic analysis of the sites. Site surveys were completed for each parcel within the TIF District.
- 2) KMA performed EAV trend analysis to ascertain whether EAV growth in the Amendment Area underperformed EAV growth in the remaining part of the Village.
- 3) KMA conducted evaluations of exterior structures and associated site improvements, noting such conditions as deterioration and obsolescence. Additionally, KMA reviewed the following data: 2007-2012 tax information from Cook County, tax parcel maps, site data, local history (based on discussions with Village officials and staff), and an evaluation of area-wide factors that have affected the area's development (e.g., lack of community planning, code violations, obsolescence, etc.).
- 4) Existing structures and site conditions were initially surveyed for the purpose of comparing said conditions against the TIF Act criteria, to the best and most reasonable extent possible.
- 5) The Amendment Area was examined to assess the applicability of the factors required for qualification for TIF designation under the TIF Act. KMA evaluated parcels by reviewing the information obtained for each factor against the relevant statutory criteria. Improved land within the RPA was examined to determine the applicability of the thirteen (13) different factors for qualification for TIF designation under this statute (referenced in Section II of this report).

V. QUALIFICATION FINDINGS

Based upon KMA's evaluation of parcels in the TIF District Amendment Area and analysis of each of the eligibility factors summarized in Section II, the following factors are presented to support qualification for inclusion into the TIF District. These factors are found to be clearly present and reasonably distributed throughout the Amendment Area, as required under the TIF Act. The factors are summarized in the table below.

Exhibit 2
Summary of Findings

Maximum Possible Factors per Statute	Minimum Factors Needed to Qualify per Statute	Qualifying Factors Present in TIF District
13	3	• Excessive Vacancies • Obsolescence • Lagging EAV • Deleterious Layout • Lack of Community Planning • Deterioration • Inadequate Utilities

Findings for Amendment Area.

The TIF District Amendment Area is found to qualify as a conservation area under the statutory criteria set forth in the TIF Act. As indicated in Section II, KMA performed a two-step assessment, first finding that 50% (1 of 2) buildings within the conservation area were 35 years of age or greater. Based upon Cook County Assessor data, KMA determined that the larger of the two buildings was 42 years in age whereas the other, smaller building was 25 years old.

As a second step, KMA reviewed the criteria needed to qualify the area as a conservation area, determining that seven (7) factors were likely to be present, as follows:

1) Excessive Vacancies.

The Act states that this finding is characterized by the presence of unoccupied or underutilized buildings that represent an adverse influence on the area. Both of the buildings in the Amendment Area currently have significant levels of vacant or unleased office space. These buildings are approximately 33% vacant and moreover have had ongoing vacancies for the past 18-24 months.¹ By comparison, suburban Chicago office vacancies are currently at 20% (18% for the north suburban office sub-market).²

¹ Per the Community Development Department, two buildings with partial vacancies have had vacancies in the 33% range for one year or longer.

² Colliers International, Chicago Office Market Overview, 2013 (1st Quarter).

In addition, the vacant buildings and adjacent surface improvements generally exhibit deterioration. Because of the reduced economic activity associated with vacancies and the deteriorated physical condition – in conjunction with their prominent location along Lincoln Avenue – they represent an adverse influence on the overall TIF District “trade area.”

2) Obsolescence.

The Act states that obsolescence is the condition or process of falling into disuse or structures that have become “ill-suited” for their original use. The area exhibits both economic and functional obsolescence.

Economic obsolescence is evidenced primarily by stagnating EAV (see sub-section 3 below) and excessive vacancies. Excessive vacancies in particular results in the literal “disuse” of buildings. As noted above, both buildings within the Amendment Area are partially vacant and underutilized in absolute terms and relative to the suburban office market. Furthermore, these obsolete and vacant structures have a negative “spill-over” effect on the area and may deter other property owners from reinvesting in their own businesses.

Functionally, the area is experiencing obsolescence related to its general age. One of the two structures is over 35 years in age, according to Cook County Assessor data. The combination of age and certain evolving standards in commercial building design limits the competitiveness of the older buildings – i.e., limits their utility as efficient, marketable workspace. For example, certain commercial buildings provide limited parking and have inadequate circulation for vehicles. Area-wide factors such as inadequate utilities (discussed below) also contribute toward the obsolescence factor and act as a development impediment for Lincoln-Touhy businesses.

3) Lagging or Declining EAV.

The EAV of the TIF District Amendment Area has declined during four (4) of the past five (5) years, and grown at a rate slower than the Village-wide EAV for three of the last five years (refer to chart below). Additionally, the EAV has lagged the Consumer Price Index (CPI) for four of the past five years. Therefore, a finding of lagging EAV is made pursuant to the TIF Act.

Exhibit 2

EAV Trends for Proposed Amendment Area

	2012	2011	2010	2009	2008	2007
Total EAV for Area	3,111,975	3,294,993	3,660,364	4,822,954	6,065,388	5,794,321
Annual Change	-5.55%	-9.98%	-24.11%	-20.48%	4.68%	--
Village EAV (Excluding Area)	640,696,607	690,522,026	775,233,348	852,383,864	864,739,289	816,385,036
Annual Change	-7.22%	-10.93%	-9.05%	-1.43%	5.92%	--
CPI	2.10%	3.20%	1.60%	-0.40%	3.80%	--

Note: Figures in **bold** for years in which annual EAV growth in proposed Study Area was slower than CPI growth.

Source: Cook County and U.S. Bureau of Labor Statistics

4) Deleterious Layout and Land Use.

As noted in Section II, a municipality can make a finding of deleterious layout or land use when there exists (a) incompatible land-use relationships, (b) buildings occupied by inappropriate mixed-uses or uses considered to be noxious, or (c) uses offensive or unsuitable for the surrounding area. Most of the problems in the area reflect incompatible land use relationships.

Two major land use issues are the insufficient allocation of parking spaces (discussed in sub-section 5 below) and the coordination of ingress/egress. There are no transitional frontage roads that would separate slower moving traffic approaching a business (e.g., to park or unload cargo) from faster moving commuters using Touhy or Lincoln Avenues purely to drive through the Village. Such frontage roads would also facilitate internal circulation of traffic among adjoining businesses.

The issue of poor ingress/egress is magnified by the fact that Touhy and Lincoln Avenues are major arterial roads used by trucks and automobiles. According to Illinois Department of Transportation data (as reviewed with Village staff), among all east/west routes in or near the Village, Touhy Avenue has one of the highest average daily vehicle counts – approximately 26,000 and 43,100 vehicles east and west of the intersection with Lincoln Avenue, respectively. By comparison, other major east/west streets such as Pratt Avenue and Howard Street have lower counts on either side of Lincoln Avenue. Lincoln Avenue north of the Touhy intersection also has a relatively high traffic count at 24,500 vehicles per day on average.

Many of the land use and layout problems identified by KMA were previously identified in the 2005 Lincoln Avenue Corridor Study (which was incorporated into the Village Comprehensive Plan) and have yet to be addressed. As stated in the report, “Lincoln Avenue runs through the Village on a diagonal to the overall grid system of streets. This results in a number of odd or irregularly shaped parcels at various corners which can inhibit typical development. Moreover, many of the parcels fronting along Lincoln have rather short depths, limiting to a degree their usefulness and redevelopment potential. This is compounded by the close proximity of single family homes to the corridor, some of which utilize shared alleyways with Lincoln Avenue properties and others which have no alley whatsoever. Much of the existing development along the street was developed without adequate barriers or buffering measures with residential areas. This lack of buffering combined with short parcel depths and irregular parcel configurations can and often has produced land use conflicts.”

Additionally, the report identifies inadequacies with respect to future land use goals, particularly the goal of pedestrian-oriented development in the area. The report states that “Existing conditions in the right-of-way, coupled with its physical width, currently inhibit safe pedestrian crossings and help aid in the dominance of the auto in the corridor. The conditions and width of this right-of-

way, currently an impediment to a pedestrian friendly environment, can however be smartly designed to create a unique sense of place and a friendly pedestrian environment.” It should be noted that “pedestrian friendly” land use planning elements have not yet been implemented within the Lincoln/Touhy area. These land use elements currently lacking include:

- Median landscaping;
- Parkway restoration;
- Additional parking on Lincoln Avenue, as a “traffic calming” step; and
- Tighter regulation of curb cuts.

5) Lack of Community Planning.

As noted in Section II, a municipality may make a finding of “lack of community planning” if the area was developed prior to or without the guidance of a community plan. This factor may be documented by “inadequate street layout” or “other evidence demonstrating an absence of effective community planning.”

As noted in sub-section 4) above, a major land use issue is the coordination of ingress/egress. There are no transitional frontage roads that would separate slower moving traffic from faster moving commuters using Touhy or Lincoln Avenues. The issue of poor ingress/egress is magnified by the fact that Touhy and Lincoln Avenues are major arterial roads used by trucks and automobiles. .

Coordination and planning in relation to potential reuses (internal traffic circulation, buffering, parking, etc.) also need to be addressed in order to provide for redevelopment of sites. For example, the larger of the two buildings has insufficient parking relative to modern Village standards: the site has approximately 63 parking spaces but would be required (for new construction) to have 132 spaces in order to conform to modern Village planning standards.

As mentioned, many of the land use and layout problems identified by KMA were previously identified in the 2005 *Lincoln Avenue Corridor Study* (which was incorporated into the *Village Comprehensive Plan*) and have yet to be addressed, including potential reuse for mixed commercial and residential redevelopment.

6) Deterioration.

As noted in Section II, deterioration is a qualification factor under the TIF Act, if it is observed amid surface improvements and/or structures. Widespread deterioration was observed in the condition of surface improvements adjacent to the two buildings as well as the ComEd parcel: parking lots and parking lot “aprons” or driveways reflect deterioration in terms of linear surface cracks, potholes, depressions (where the surface pavement may be intact but the sub-base is compressed), and loose paving materials. Weed growth, another element of deterioration cited in the TIF Act, is also present.

Because of the widespread cracking, the parking lots needed resurfacing or resealing. Said surface deterioration was identified for the majority of the

parcels. Moreover, because parking lots constitute a large portion of the overall “footprint” of the overall Amendment Area, the inadequately maintained lots, in combination with the lack of landscaping and screens discussed above, have a negative aesthetic impact on the area.

In addition to surface deterioration, the following indicators of deterioration were found among the two structures:

- Roofs – The visible portions of the larger building’s roof appeared to be deteriorated and well into its useful life;
- Windows – Both buildings had deteriorated window frames
- Exteriors – The exteriors particularly to the rear show deterioration including water damage and rust; some of the brick is also deteriorated especially in terms of the larger (red brick) building.

It should be noted that much of the deterioration is more easily observed when inspected on foot as opposed to “wind shield” reviews.

7) Inadequate Utilities.

Under the TIF Act, inadequate utilities can be defined as underground and overhead utilities such as storm sewers and storm drainage, sanitary sewers, water lines and gas, or telephone and electrical services that are shown to be inadequate. Inadequate utilities are those that are: (i) of insufficient capacity to serve the uses in the redevelopment project area; (ii) deteriorated, antiquated, obsolete or in disrepair; or (iii) lacking within the redevelopment project area.

According to the Village Engineer, there are certain deficiencies with respect to utilities as noted below, with the most prominent deficiency being the complete lack of a storm sewer system and storm water detention:

Storm Sewers – The TIF District lacks sufficient storm sewer facilities in relation both to current uses and future uses, as contemplated by the Village under redevelopment plans. As noted by the village’s engineer, “Redevelopment will require storm water management and detention facilities in accordance with Village and Metropolitan Water Reclamation District (MWRD) standards.”

Water Main – In addition to inadequate stormwater facilities, the water mains are under-sized. Per the Village Engineer, “Redevelopment of the area will necessitate increasing the sizes of many of the existing water mains in order supply the demand for fire flows and general water demands of new buildings and associated sprinkler systems.”

Combined Sewers – The older sewers use clay, which has been supplanted by modern materials (e.g., PVC) which are less brittle and less prone to breakage. The Village Engineer reports that “These combined sewers were likely constructed prior to 1950 and are reaching the high-end of the service life expectancy.”

VI. SUMMARY OF FINDINGS / GENERAL ASSESSMENT OF QUALIFICATION

The following is a summary of relevant qualification findings as it relates to the Village's designation of the TIF District as amended.

1. The area is contiguous and is greater than 1 ½ acres in size;
2. The RPA will qualify as a conservation area. Further, the qualification factors found in the RPA are present to a meaningful extent and are reasonably distributed throughout the area. A more detailed analysis of the qualification findings is outlined in Section V of this report;
3. All property in the area is expected to substantially benefit by the redevelopment project improvements;
4. The sound growth of taxing districts applicable to the area, including the Village, has been impaired by the factors found present in the area; and
5. The area would not be subject to redevelopment without the investment of public funds, including property tax increments.

In the judgment of KMA, these findings provide the Village with sufficient justification to consider designation of the TIF District for inclusion within the Lincoln-Touhy RPA.

VILLAGE OF LINCOLNWOOD

ORDINANCE NO. 2014-____

**AN ORDINANCE AMENDING THE LINCOLN-TOUHY REDEVELOPMENT
PROJECT AREA PURSUANT TO THE TAX INCREMENT ALLOCATION
REDEVELOPMENT ACT**

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF LINCOLNWOOD
THIS ____ DAY OF _____, 2014.

Published in pamphlet form by the authority
of the President and Board of Trustees
of the Village of Lincolnwood, Cook County, Illinois
this _____ day of _____, 2014.

ORDINANCE NO. 2014-____

**AN ORDINANCE AMENDING THE LINCOLN-TOUHY REDEVELOPMENT
PROJECT AREA PURSUANT TO THE TAX INCREMENT ALLOCATION
REDEVELOPMENT ACT**

WHEREAS, the Village of Lincolnwood is a home rule municipality in accordance with Article VII, Section 6(a) of the Constitution of the State of Illinois of 1970; and

WHEREAS, on February 17, 2011, the President and the Board of Trustees of the Village ("**Corporate Authorities**") adopted: (i) Ordinance No. 2011-2930, approving a redevelopment plan and project prepared by Kane, McKenna and Associates, Inc. ("**Lincoln-Touhy Redevelopment Plan and Project**") for an area generally including the properties located at the northwest, southwest, and southeast corners of the intersection of Lincoln Avenue and Touhy Avenue in the Village ("**Lincoln-Touhy Redevelopment Project Area**"); (ii) Ordinance No. 2011-2931, designating the Lincoln-Touhy Redevelopment Project Area as a redevelopment project area pursuant to the Tax Increment Allocation Redevelopment Act, 65 ILCS 5/11-74.4-1 *et seq.* ("**TIF Act**"); and (iii) Ordinance No. 2011-2932, adopting tax increment allocation financing for the Lincoln-Touhy Redevelopment Project Area, pursuant to the TIF Act; and

WHEREAS, the real property generally located immediately west and north of the Lincoln-Touhy Redevelopment Project Area, along the north side of Touhy Avenue and the west side of Lincoln Avenue, all as more fully described in **Exhibit A** and depicted in **Exhibit B**, attached to this Ordinance ("**Adjacent Redevelopment Area**"), is located in part in the B-3 Village Center Planned Development Zoning District and in part in the O-1 Office Zoning District of the Village; and

WHEREAS, on _____, 2014, the President and the Board of Trustees of the Village ("**Corporate Authorities**") adopted Ordinance No. 2014-____, amending the Lincoln-Touhy Redevelopment Plan and Project to add the Adjacent Redevelopment Area to the Lincoln-Touhy Redevelopment Plan and Project ("**Amended Redevelopment Plan and Project**"); and

WHEREAS, the Amended Redevelopment Plan and Project, including the Lincoln-Touhy Redevelopment Project Area and Adjacent Redevelopment Area as provided therein, were the subject of: (i) extensive consideration by a properly convened joint review board; and (ii) a public hearing held by the Corporate Authorities on May 6, 2014; and

WHEREAS, the Corporate Authorities have determined it is now necessary and desirable to amend the Lincoln-Touhy Redevelopment Project Area to include the Adjacent Redevelopment Area pursuant to the Tax Increment Allocation Redevelopment Act, 65 ILCS 5/11-74.4-1 *et seq.* ("**TIF Act**");

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LINCOLNWOOD, COOK COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance.

SECTION 2. AMENDMENT OF REDEVELOPMENT PROJECT AREA. The Lincoln-Touhy Redevelopment Project Area is hereby amended to include the Adjacent Redevelopment Area ("***Amended Redevelopment Area***") pursuant to Section 11-74.4-4 of the TIF Act and will hereafter be known as the Lincoln-Touhy Redevelopment Project Area, as amended. The Amended Redevelopment Area is legally described in **Exhibit C** attached to and incorporated into this Ordinance. The general street location for the Amended Redevelopment Area is described in **Exhibit D** attached to and incorporated into this Ordinance. The map of the Amended Redevelopment Area is depicted on **Exhibit E** attached to and incorporated into this Ordinance.

SECTION 3. SEVERABILITY. If any provision of this Ordinance or part thereof is held invalid by a court of competent jurisdiction, the remaining provisions of this Ordinance are to remain in full force and effect, and are to be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Ordinance to the greatest extent permitted by applicable law.

SECTION 4. EFFECTIVE DATE. This Ordinance will be in full force and effect from and after its passage, approval, and publication in the manner provided by law.

[SIGNATURE PAGE FOLLOWS]

PASSED this ____ day of _____, 2014.

AYES: _____

NAYS: _____

ABSENT: _____

ABSTENTION: _____

APPROVED by me this ____ day of _____, 2014.

Gerald C. Turry, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office the
____ day of _____, 2014.

Beryl Herman, Village Clerk
Village of Lincolnwood, Cook County, Illinois

#28892755_v1

EXHIBIT A

LEGAL DESCRIPTION OF ADJACENT REDEVELOPMENT AREA

Legal Description for
PROPOSED ADDITION TO TIF DISTRICT

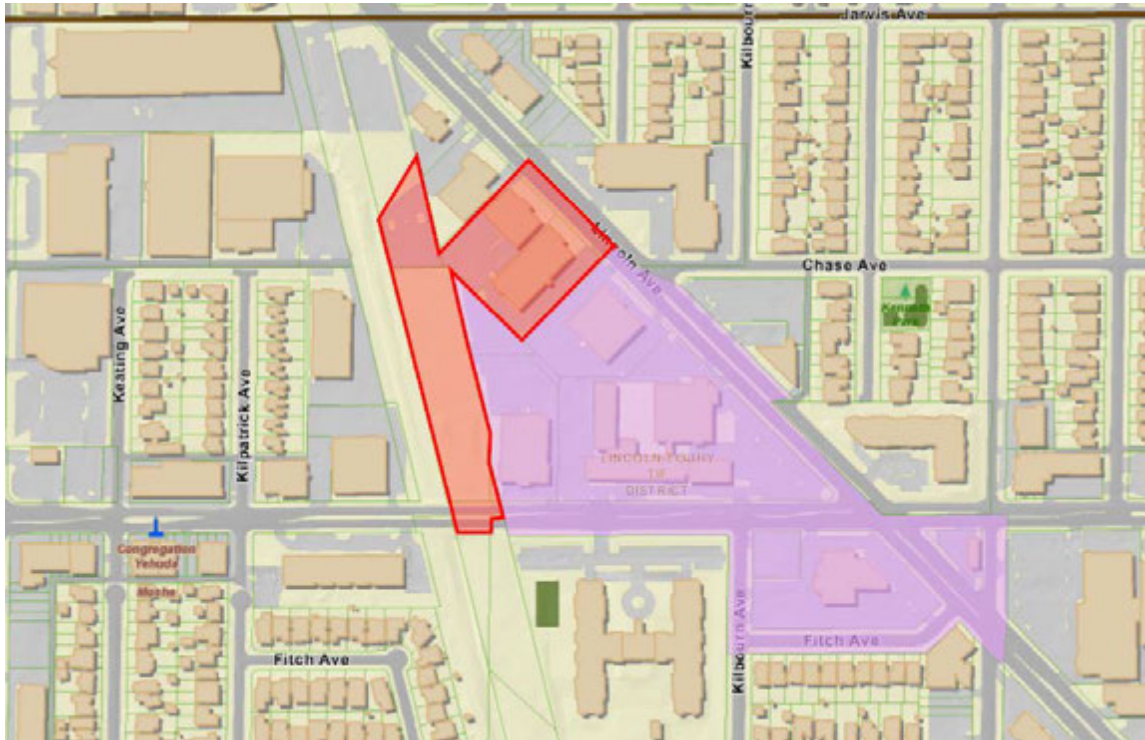
Lots 3 through 10, both inclusive, in Lincoln Touhy Addition to Lincolnwood, being a Subdivision in the Southwest Quarter of Section 27, Township 41 North, Range 13 East of the Third Principal Meridian, recorded April 1, 1960 as Document No. 17819591, along with all the land bounded and described as follows: Proceeding at the Southwest corner of Lot 7 in said Subdivision; thence Southerly along the Southerly extension of the Westerly line of Lot 7, to the South line of Touhy Avenue; thence East along the South line of Touhy Avenue to the West line of Kilbourn Avenue; thence South along the West line of Kilbourn Avenue to the intersection with the Westerly extension of the South line of Fitch Avenue; thence East along said last described line to an angle point in the South line of said Fitch Avenue; thence Northeasterly along the Southeasterly line of Fitch Avenue to the Southwesterly line of Lincoln Avenue; thence Southeasterly along the Southwesterly line of Lincoln Avenue to the East line of Kostner Avenue; thence North along the East line of Kostner Avenue to the centerline of Touhy Avenue; thence West along the centerline of Touhy Avenue to the centerline of the intersection of the North line of Lot 3 of Lincoln Avenue; thence Northwesterly along the centerline of Lincoln Avenue to the North line of the Hampton Place Condominiums, recorded June 11, 1980 as Document No. 25483680; thence Northeasterly to the Southwesterly corner of Lot 33 in Lincoln-Chase-Kostner Subdivision recorded March 31, 1926 as Document No. 9224770; thence Northwesterly along the Southwesterly line of said Subdivision to the most Westerly corner of Lot 45 in said Subdivision; thence Northwesterly to the intersection of the centerline of Lincoln Avenue with the centerline of Chase Avenue; thence Northwesterly along the centerline of Lincoln Avenue to the intersection of the extension of the South Line of Lot 4 of the Lincoln Touhy Addition to Lincolnwood and the centerline of Lincoln Avenue, the Point of Beginning; thence Northwest along the centerline of Lincoln Avenue to the intersection of the centerline of Lincoln Avenue and the extension of the North line of Lot 3 of the Lincoln Touhy Addition to Lincolnwood; then Southwest along the North Line of said Lot 3 to the Northwest corner of said Lot 3; thence Northwest 257 (+/-) feet along the Western line of Lot 2 in the Lincoln Touhy Addition to Lincolnwood; thence West 46 degrees 30 minutes South to the Easterly line of the Union Pacific right-of-way; thence South 856 (+/-) feet along the Easterly line of the Union Pacific right-of-way; thence East 86 (+/-) feet; thence North 43 (+/-) feet to the centerline of Touhy Avenue; thence East to the intersection of the centerline of Touhy Avenue and the Southeasterly extension of the West Line of Lot 7 of the Lincoln Touhy Addition to Lincolnwood; thence Northwest along the West Line of Lot 7; then north along the West Line of Lot 7; thence Northwest to the Northwest corner of Lot 6; thence Southeast to the Southwest corner of Lot 4; thence Northeast to the Point of Beginning, in Cook County, Illinois.

EXHIBIT B

MAP OF ADJACENT REDEVELOPMENT AREA

Lincoln-Touhy TIF District

Proposed Boundary Amendment



- ❖ Area shown in purple is existing TIF District
- ❖ Area Shown in red is area proposed to be added to TIF District

EXHIBIT C

LEGAL DESCRIPTION OF AMENDED REDEVELOPMENT AREA

ENTIRE TIF DISTRICT AS PROPOSED

2/17/14 TIF Legal Description
(Revised 5/28/14)

Lots 3 through 10, both inclusive, in Lincoln Touhy Addition to Lincolnwood, being a Subdivision in the Southwest Quarter of Section 27, Township 41 North, Range 13 East of the Third Principal Meridian, recorded April 1, 1960 as Document No. 17819591, along with all the land bounded and described as follows: Proceeding at the Southwest corner of Lot 7 in said Subdivision; thence Southerly along the Southerly extension of the Westerly line of Lot 7, to the South line of Touhy Avenue, the Point of Beginning; thence East along the South line of Touhy Avenue to the West line of Kilbourn Avenue; thence South along the West line of Kilbourn Avenue to the intersection with the Westerly extension of the South line of Fitch Avenue; thence East along said last described line to an angle point in the South line of said Fitch Avenue; thence Northeasterly along the Southeasterly line of Fitch Avenue to the Southwesterly line of Lincoln Avenue; thence Southeasterly along the Southwesterly line of Lincoln Avenue to the East line of Kostner Avenue; thence North along the East line of Kostner Avenue to the centerline of Touhy Avenue; thence West along the centerline of Touhy Avenue to the centerline of the intersection of the North line of Lot 3 of Lincoln Avenue; thence Northwesterly along the centerline of Lincoln Avenue to the North line of the Hampton Place Condominiums, recorded June 11, 1980 as Document No. 25483680; thence Northeasterly to the Southwesterly corner of Lot 33 in Lincoln-Chase-Kostner Subdivision recorded March 31, 1926 as Document No. 9224770; thence Northwesterly along the Southwesterly line of said Subdivision to the most Westerly corner of Lot 45 in said Subdivision; thence Northwesterly to the intersection of the centerline of Lincoln Avenue with the centerline of Chase Avenue; thence Northwesterly along the centerline of Lincoln Avenue to the intersection of the extension of the North Line of Lot 3 of the Lincoln Touhy Addition to Lincolnwood and the centerline of Lincoln Avenue; thence Southwest along the North Line of said Lot 3 to the southwest corner of said Lot 3; thence Northwest 257 (+/-) feet along the Western line of Lot 2 in the Lincoln Touhy Addition to Lincolnwood; thence West 46 degrees 30 minutes South to the Easterly line of the Union Pacific right-of-way; thence South 856 (+/-) feet along the Easterly line of the Union Pacific right-of-way; thence East 86 (+/-) feet; thence North 43 (+/-) feet to the centerline of Touhy Avenue; thence East to the intersection of the centerline of Touhy Avenue and the Southeasterly extension of the West Line of Lot 7 of the Lincoln Touhy Addition to Lincolnwood; thence Southeast along said extension to the Point of Beginning., in Cook County, Illinois.

EXHIBIT D

GENERAL STREET LOCATION OF AMENDED REDEVELOPMENT AREA

General Street Location

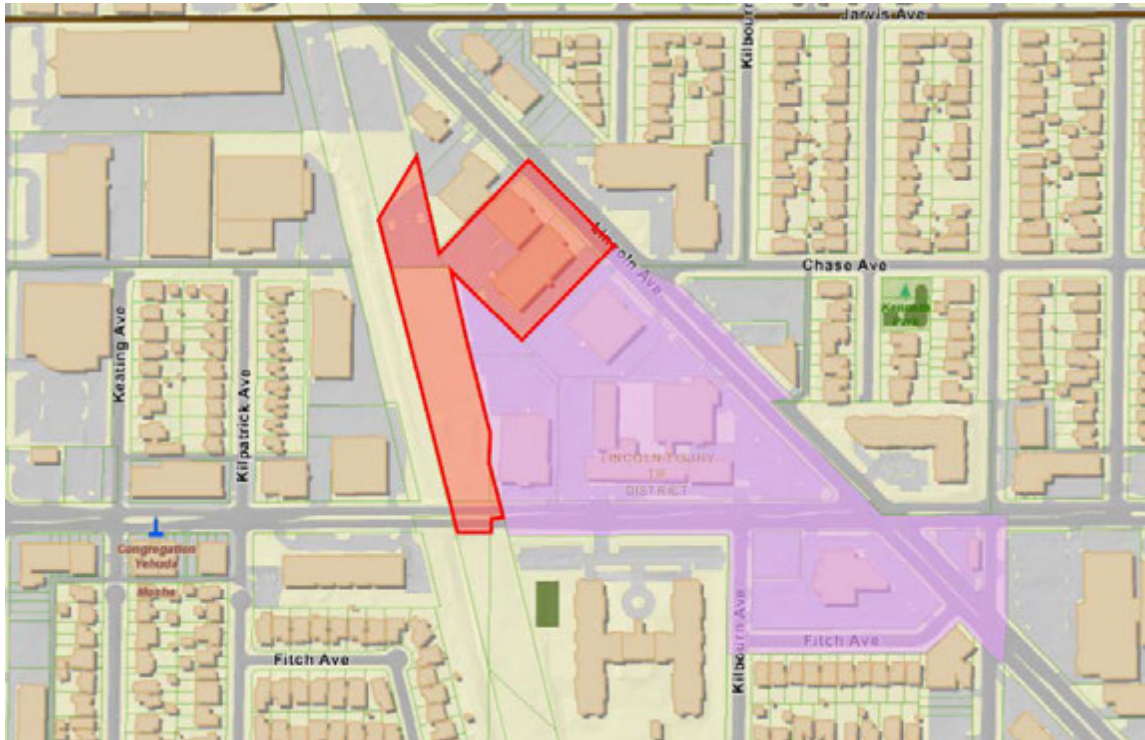
The parcels immediately west and north of the initially-adopted Lincoln-Touhy Redevelopment Project Area, along the north side of Touhy Avenue and the west side of Lincoln Avenue

EXHIBIT E

MAP OF AMENDED REDEVELOPMENT AREA

Lincoln-Touhy TIF District

Proposed Boundary Amendment



- ❖ Area shown in purple is existing TIF District
- ❖ Area Shown in red is area proposed to be added to TIF District

VILLAGE OF LINCOLNWOOD

ORDINANCE NO. 2014-____

**AN ORDINANCE ADOPTING TAX INCREMENT ALLOCATION FINANCING FOR
THE AMENDED LINCOLN-TOUHY REDEVELOPMENT PROJECT AREA**

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF LINCOLNWOOD
THIS ____ DAY OF _____, 2014.

Published in pamphlet form by the authority
of the President and Board of Trustees
of the Village of Lincolnwood, Cook County, Illinois
this ____ day of _____, 2014.

ORDINANCE NO. 2014-____

**AN ORDINANCE ADOPTING TAX INCREMENT ALLOCATION FINANCING FOR
THE AMENDED LINCOLN-TOUHY REDEVELOPMENT PROJECT AREA**

WHEREAS, the Village of Lincolnwood is a home rule municipality in accordance with Article VII, Section 6(a) of the Constitution of the State of Illinois of 1970; and

WHEREAS, on February 17, 2011, the President and the Board of Trustees of the Village ("**Corporate Authorities**") adopted: (i) Ordinance No. 2011-2930, approving a redevelopment plan and project prepared by Kane, McKenna and Associates, Inc. ("**Lincoln-Touhy Redevelopment Plan and Project**") for an area generally including the properties located at the northwest, southwest, and southeast corners of the intersection of Lincoln Avenue and Touhy Avenue in the Village ("**Lincoln-Touhy Redevelopment Project Area**"); (ii) Ordinance No. 2011-2931, designating the Lincoln-Touhy Redevelopment Project Area as a redevelopment project area pursuant to the Tax Increment Allocation Redevelopment Act, 65 ILCS 5/11-74.4-1 *et seq.* ("**TIF Act**"); and (iii) Ordinance No. 2011-2932, adopting tax increment allocation financing for the Lincoln-Touhy Redevelopment Project Area, pursuant to the TIF Act; and

WHEREAS, the real property generally located immediately west and north of the Lincoln-Touhy Redevelopment Project Area, along the north side of Touhy Avenue and the west side of Lincoln Avenue, all as more fully described in **Exhibit A** and depicted in **Exhibit B**, attached to this Ordinance ("**Adjacent Redevelopment Area**"), is located in part in the B-3 Village Center Planned Development Zoning District and in part in the O-1 Office Zoning District of the Village; and

WHEREAS, on _____, 2014, the President and the Board of Trustees of the Village ("**Corporate Authorities**") adopted Ordinance No. 2014-____, amending the Lincoln-Touhy Redevelopment Plan and Project to add the Adjacent Redevelopment Area to the Lincoln-Touhy Redevelopment Plan and Project ("**Amended Redevelopment Plan and Project**"); and

WHEREAS, the Amended Redevelopment Plan and Project, including the Lincoln-Touhy Redevelopment Project Area and the Adjacent Redevelopment Area as provided therein, were the subject of: (i) extensive consideration by a properly convened joint review board; and (ii) a public hearing held by the Corporate Authorities on May 6, 2014; and

WHEREAS, on _____, the President and the Board of Trustees of the Village adopted Ordinance No. 2014-____, amending the Lincoln-Touhy Redevelopment Project Area to include the Adjacent Redevelopment Area pursuant to the Tax Increment Allocation Redevelopment Act, 65 ILCS 5/11-74.4-1 *et seq.* ("**TIF Act**"); and

WHEREAS, the Corporate Authorities have found and determined that it is desirable and in the best interests of the public and the Village for the Corporate Authorities to approve tax increment allocation financing for the Adjacent Redevelopment Area to carry out the terms and conditions of the Amended Redevelopment Plan and Project;

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LINCOLNWOOD, COOK COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance.

SECTION 2. TAX INCREMENT FINANCING ADOPTED. Tax increment allocation financing is hereby adopted to pay for redevelopment project costs ("**Project Costs**") as defined in the TIF Act and as set forth in the Amended Redevelopment Plan and Project within the Adjacent Redevelopment Area. The Adjacent Redevelopment Area is legally described in **Exhibit A** attached to and incorporated into this Ordinance. The map of the Adjacent Redevelopment Area is depicted on **Exhibit B** attached to and incorporated into this Ordinance. The general street location for the Adjacent Redevelopment Area is described in **Exhibit C** attached to and incorporated into this Ordinance.

SECTION 3. ALLOCATION OF AD VALOREM TAXES. Ad valorem taxes, if any, arising from the levies upon taxable real property in the Adjacent Redevelopment Area by taxing districts and tax rates determined in the manner provided in Section 11-74.4-9(c) of the TIF Act each year after the effective date of this Ordinance until the Project Costs and obligations issued in respect thereto have been paid are to be divided as follows:

- A. That portion of taxes levied upon each taxable lot, block, tract, or parcel of real property that is attributable to the lower of the current equalized assessed value or the initial equalized assessed value of each such taxable lot, block, tract, or parcel of real property in the Adjacent Redevelopment Area are to be allocated to and when collected shall be paid by the county collector to the respective affected taxing districts in the manner required by law in the absence of the adoption of tax increment allocation financing.
- B. That portion, if any, of such taxes that is attributable to the increase in the current equalized assessed valuation of each lot, block, tract, or parcel of real property in the Adjacent Redevelopment Area is to be allocated to and when collected is to be paid by the county collector to the municipal treasurer of the Village, who is hereby directed to deposit said taxes into a special fund, hereby created, and designated the "Lincoln-Touhy TIF Redevelopment Project Area Special Tax Allocation Fund" of the Village and such taxes are to be used for the purpose of paying Project Costs and obligations incurred in the payment thereof.

SECTION 4. AUTHORIZATION FOR TRANSMITTALS AND OTHER ACTION. The President and Board of Trustees hereby authorize and direct the Village Manager to take any and all other statutorily required steps in connection with the adoption of tax increment allocation financing, including, without limitation, the transmission of a certified copy of this Ordinance to the County Clerk of Cook County, Illinois.

SECTION 5. SEVERABILITY. If any provision of this Ordinance or part thereof is held invalid by a court of competent jurisdiction, the remaining provisions of this Ordinance are

to remain in full force and effect, and are to be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Ordinance to the greatest extent permitted by applicable law.

SECTION 6. EFFECTIVE DATE. This Ordinance will be in full force and effect from and after its passage, approval, and publication in the manner provided by law.

PASSED this _____ day of _____, 2014.

AYES: _____

NAYS: _____

ABSENT: _____

ABSTENTION: _____

APPROVED by me this _____ day of _____, 2014.

Gerald C. Turry, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office the
_____ day of _____, 2014.

Beryl Herman, Village Clerk
Village of Lincolnwood, Cook County, Illinois

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EXHIBIT A

LEGAL DESCRIPTION OF ADJACENT REDEVELOPMENT AREA

Legal Description for
PROPOSED ADDITION TO TIF DISTRICT

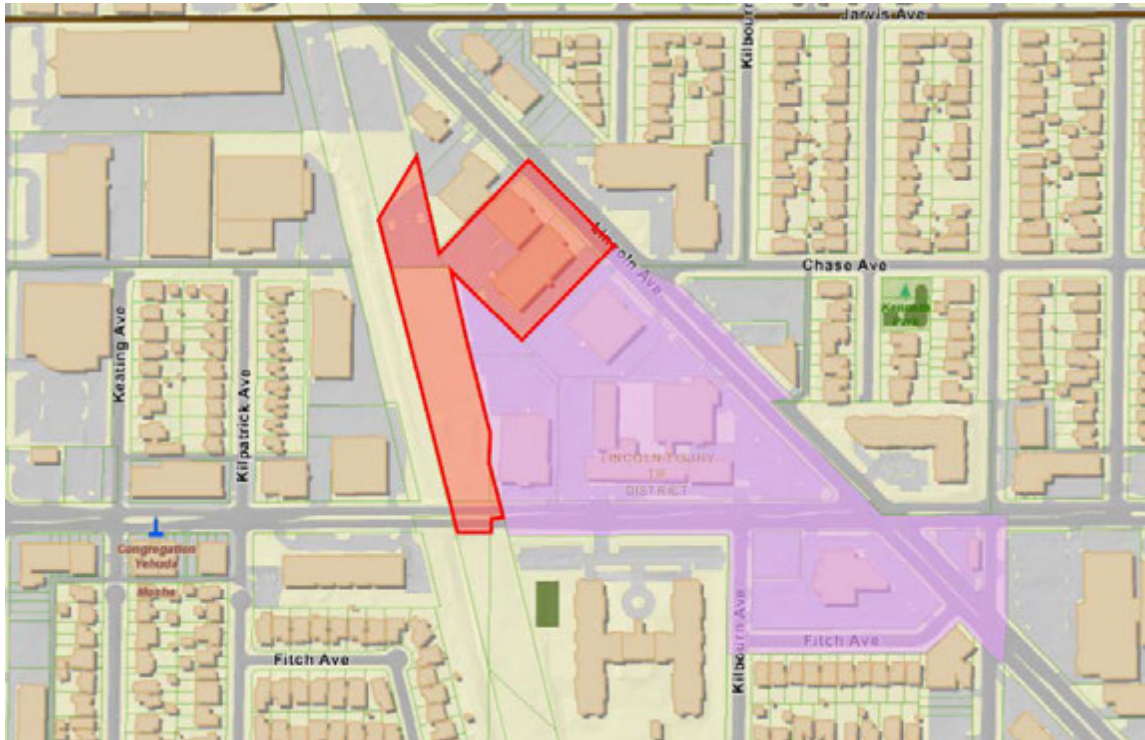
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EXHIBIT B

MAP OF ADJACENT REDEVELOPMENT AREA

Lincoln-Touhy TIF District

Proposed Boundary Amendment



- ❖ Area shown in purple is existing TIF District
- ❖ Area Shown in red is area proposed to be added to TIF District

EXHIBIT C

GENERAL STREET LOCATION OF ADJACENT REDEVELOPMENT AREA

General Street Location

The parcels immediately west and north of the initially-adopted Lincoln-Touhy Redevelopment Project Area, along the north side of Touhy Avenue and the west side of Lincoln Avenue

Request For Board Action

REFERRED TO BOARD: June 3, 2014

AGENDA ITEM NO: 6

ORIGINATING DEPARTMENT: Police

SUBJECT: Consideration of a Recommendation by the Traffic Commission to Amend Chapter 7, Article 2, Section 24 of the Municipal Code Pertaining to Commercial Vehicle Parking

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

The Village Code prohibits the on-street parking of commercial vehicles between 7:00 p.m. and 7:00 a.m., and all day on Sunday. Commercial vehicles are defined as vehicles over 12,000 pounds, and/or vehicles bearing commercial markings and/or equipment. The Zoning Code prohibits parking Class 1 commercial vehicles on a residential driveway, or more than one Class 2 commercial vehicle on a residential driveway.

On October 24, 2013, the Traffic Commission unanimously voted to recommend the Village Board adopt an Ordinance “restricting boats, boat trailers, recreational vehicles, snow mobiles, livery vehicles, and commercial vehicles on all residential streets and driveways between 7:00 p.m. and 7:00 a.m., except with temporary permission from the Police Department.”

The Commission made the recommendation for the following reasons:

1. Commercial and recreational vehicles adversely affect the character of residential neighborhoods.
2. There are challenges with enforcing the current Code with regard to recognizing Class 1 Commercial Vehicles.
3. There is a concern regarding safety including the restricted line of sight at intersections caused by commercial vehicles, attractive nuisances, and the use of commercial vehicles in the commission of criminal acts.

On December 17, 2013, the Committee of the Whole reviewed the Traffic Commission’s recommendation and referred the matter back to the Traffic Commission for a public meeting.

On February 20, 2014, the Traffic Commission met at its regularly scheduled publicized meeting to further review commercial and recreational vehicle parking. Eight residents spoke at the meeting, two in favor of restricting commercial and recreational vehicles and six opposed stricter regulations.

Following the review, the Traffic Commission changed its original recommendation to the Board, and unanimously voted in favor of recommending the Village Code be revised to reflect the following:

1. Allow passenger vehicles, motorcycles, passenger vans with RV license plates, and noncommercial vehicles weighing less than 8,000 pounds with passenger or class B license plates to park on residential roadways and private residential driveways.
2. Prohibit parking any commercial truck, trailer, semi-trailer, bus, or commercial vehicle on any residential roadway or residential driveway between 7:00 p.m. and 7:00 a.m.
3. Define taxi and livery vehicles as commercial vehicles.
4. Define non-commercial vehicles as having single rear wheels only, no signs, no advertisements, no business identifications, no business license plates, no attached auxiliary equipment, no snow plows, no equipment racks, and/or no storage boxes or lockers.
5. Prohibit debris, construction materials and/or equipment intended for commercial or business use from being present in a non-commercial vehicle, whether open or covered.
6. Require non-commercial cargo and panel vans to have side and rear windows and seating behind the driver's seat.

On April 17, 2014, the Committee of the Whole reviewed the Traffic Commission's February 20, 2014 recommendation and directed staff to work with the Village attorney to prepare an Ordinance for consideration by the Board.

On May 20, 2014, the Board postponed this matter until June 3, 2014.

FINANCIAL IMPACT:

None

DOCUMENTS ATTACHED:

1. Proposed Ordinance
2. April 17, 2014 Committee of the Whole Memorandum
3. October 24, 2013 Approved Traffic Commission Minutes
4. Chapter 7 Traffic Code
5. Zoning Code Chapter 15 7.11 Off-Street Parking and Loading
6. Zoning Code Chapter 15.7.12 Parking and Storage of Recreational Vehicles...
7. December 17, 2013 Memorandum to the Board
8. December 17, 2013 PowerPoint Presentation
9. December 17, 2013 Committee of the Whole Minutes
10. Draft February 20, 2014 Traffic Commission Minutes

RECOMMENDED MOTION:

Move to approve a recommendation by the Traffic Commission to amend Chapter 7, Article 2, Section 22 of the Municipal Code of Lincolnwood pertaining to commercial vehicle parking.

VILLAGE OF LINCOLNWOOD

ORDINANCE NO. 2014-_____

**AN ORDINANCE AMENDING SECTION 7-2-24
(COMMERCIAL VEHICLE PARKING)
OF THE MUNICIPAL CODE OF LINCOLNWOOD**

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF LINCOLNWOOD
THIS ____ DAY OF JUNE, 2014.

Published in pamphlet form
by the authority of the
President and Board of Trustees
of the Village of Lincolnwood,
Cook County, Illinois
this ____ day of _____, 2014

ORDINANCE NO. 2014-_____

AN ORDINANCE AMENDING SECTION 7-2-24
(COMMERCIAL VEHICLE PARKING)
OF THE MUNICIPAL CODE OF LINCOLNWOOD

WHEREAS, the Village of Lincolnwood is a home rule municipal corporation in accordance with Article VII, Section 6(a) of the Constitution of the State of Illinois of 1970; and

WHEREAS, the Village has the authority to adopt ordinances and to promulgate rules and regulations that pertain to its government and affairs; and

WHEREAS, the Municipal Code of Lincolnwood, as amended ("***Village Code***"), restricts the parking of commercial vehicles on public streets and in unenclosed spaces on residential lots; and

WHEREAS, the Village President and Board of Trustees desire to update and clarify the Village regulations governing commercial vehicle parking; and

WHEREAS, the President and Board of Trustees have determined that it will serve and be in the best interests of the Village and its residents to amend the Village Code in accordance with this Ordinance;

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LINCOLNWOOD, COOK COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance.

SECTION 2. COMMERCIAL VEHICLE PARKING. Section 7-2-24 of the Village Code is hereby re-titled and amended further to read as follows:

"7-2-24 **Commercial Vehicle Parking** ~~commercial vehicles on public streets.~~

(A) Definitions. The following definitions shall apply in the interpretation and enforcement of this Section 7-2-24:

COMMERCIAL VEHICLE: For purposes of this Chapter 7, all commercial vehicles shall be classified as either Class 1 or Class 2 commercial vehicles. Any trailer including, but not limited to, tar hoppers, generators, cement mixers, or any portable construction or maintenance equipment that is not a recreational vehicle (as defined in Section 7-2-17 of this Code) camper trailer, a travel trailer, or a recreational vehicle trailer (as defined in Section 7-2-17 of this Code), shall be deemed a commercial

Additions are bold and double-underlined; ~~deletions are struck through.~~

vehicle. Unless otherwise provided, any reference in this Section 7-2-24 to commercial vehicles shall be deemed to be made to both Class 1 and Class 2 commercial vehicles. ~~Class 2 vehicles used for snowplowing which have snowplow blades attached and which lack commercial markings or lettering indicating that the vehicle is used for commercial or industrial purposes are not commercial vehicles for purposes of this definition for the period commencing November 15 and ending April 15 each year.~~

- (1) CLASS 1 — Class 1 commercial vehicle shall mean any vehicle, other than a recreational vehicle, regardless of the use to which the vehicle is put or intended or designed to serve and regardless of any other classification system made applicable to vehicles by any other governmental body, that weighs in excess of 12,000 pounds in gross weight.
- (2) CLASS 2 — Class 2 commercial vehicle shall mean any vehicle that is not a recreational vehicle or a Class 1 commercial vehicle that is operated for the transportation of persons or property in the furtherance of any commercial or industrial enterprise, for hire or not for hire, including, without limitation (unless otherwise specified), the following:
 - (a) Commercial markings: Any such vehicle bearing commercial markings or lettering indicating that the vehicle is used for commercial or industrial purposes.
 - (b) Removable equipment: Any such vehicle bearing removable equipment or merchandise on the exterior of the vehicle, including, without limitation, snow plows, equipment racks, storage boxes and lockers, and other auxiliary equipment, but specifically excluding trailer hitches, and camper type tops (not higher than one foot above the high point of the truck cab roof) ~~and truck bed storage boxes, stored on the exterior of the vehicle.~~
 - (c) Taxicabs and limousines (as those terms are defined in Section 9-1-2 of this Code).
 - (d) Three or more rear wheels: Any such vehicle with three or more rear wheels.
 - (e) Lack of windows or seating: Any such vehicle that does not have at least: (i) two windows on each side of the vehicle; (ii) a rear window; and (iii) seating

Additions are bold and double-underlined; ~~deletions are struck through.~~

available within the vehicle and behind the driver's seat.

* * *

TRAILER: Any vehicle or portable structure constructed so as to permit occupancy thereof for lodging or dwelling purposes or for the use as an accessory building or structure in the conduct of a business, trade or occupation, and which may be used as a conveyance on streets and highways, by its own or other motive power; a portable structure supported by wheels, jacks, horses, skids or blocks without a permanent foundation which is towed or hauled by another vehicle and, whether occupied or not, used for temporary human occupancy, carrying materials, goods or objects, livestock, or use as a temporary office.

- (B) Use of public streets. Commercial vehicles or trailers shall not be permitted to park on any public street, thoroughfare or alley within the Village between the hours of 7:00 p.m. and 7:00 a.m. on weekdays, nor between the hours of 7:00 p.m. on Saturday and 7:00 a.m. on Monday.

- (C) Storage of construction materials and debris. No construction materials, equipment, or debris may be stored anywhere within a commercial vehicle parked on any public street, thoroughfare, or alley within the Village.**

- (D) Residential driveways. Notwithstanding any provision of this Code to the contrary, between the hours of 7:00 p.m. and 7:00 a.m., no Class 1 or Class 2 commercial vehicle or trailer may be parked or stored in any unenclosed parking space on any lot in the Village used for residential purposes.**

- ~~(C)~~**(E)** Penalty. Any person who shall violate any of the provisions of this Section 7-2-24 shall be subject to a fine as set forth in Section 7-2-31 of this Code."

SECTION 3. SEVERABILITY. If any provision of this Ordinance or part thereof is held invalid by a court of competent jurisdiction, the remaining provisions of this Ordinance are to remain in full force and effect, and are to be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Ordinance to the greatest extent permitted by applicable law.

SECTION 4. EFFECTIVE DATE. This Ordinance will be in full force and effect from and after its passage, approval, and publication in the manner provided by law.

[SIGNATURE PAGE FOLLOWS]

Additions are bold and double-underlined; ~~deletions are struck through.~~

PASSED this ____ day of June, 2014.

AYES: _____

NAYS: _____

ABSENT: _____

ABSTENTION: _____

APPROVED by me this ____ day of June, 2014.

Gerald C. Turry, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office the
____ day of June, 2014.

Beryl Herman, Village Clerk
Village of Lincolnwood, Cook County, Illinois

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Additions are bold and double-underlined; ~~deletions are struck through.~~



LINCOLNWOOD POLICE DEPARTMENT

INTER-OFFICE MEMO

Robert LaMantia
Chief of Police

To: Timothy C. Wiberg, Village Manager

From: Robert LaMantia, Chief of Police

Date: April 17, 2014

Subject: Traffic Commission Recommendation Regarding
Restricting Commercial and Recreational Vehicle Parking

The Traffic Commission has been considering restricting commercial and recreational vehicle parking on residential streets and private driveways since November, 2011.

Current Code

The Code currently prohibits the on-street parking of commercial vehicles between 7:00 p.m. and 7:00 a.m. Commercial vehicles are defined as vehicles over 12,000 pounds, and/or vehicles bearing commercial markings and/or equipment. The Zoning Code also prohibits parking any commercial vehicles over 12,000 pounds on a residential driveway, or more than one commercial vehicle less than 12,000 pounds on a residential driveway.

The Zoning Code requires boats and trailers to be parked in a fully enclosed structure from October 31st to April 1st, each year. It also requires snow mobiles and similar type vehicles to be parked in an enclosed structure from April 1st through November 30th each year.

Traffic Commission

On October 24, 2013, the Traffic Commission unanimously voted to recommend the Board adopt an Ordinance "restricting boats, boat trailers, recreational vehicles, snow mobiles, livery vehicles, and commercial vehicles on all residential streets and driveways between 7:00 p.m. and 7:00 a.m., except with temporary permission from the Police Department."

The Commission made the recommendation for the following reasons:

1. Commercial and recreational vehicles adversely affect the character of residential neighborhoods. Commercial vehicles should be parked at the owner's place of business, not his home. Part of the cost of owning a commercial vehicle

is the cost of providing proper storage.

2. There are challenges with enforcing the current Code with regard to recognizing Class 1 Commercial Vehicles. The current Code prohibits vehicles weighing over 12,000 pounds. The Village Code with regard to commercial vehicles and the Zoning Code with regard to recreational vehicles is attached.
3. There is a general concern regarding safety including the restricted line of sight at intersections caused by commercial vehicles, attractive nuisances, and the use of commercial vehicles in the commission of criminal acts. It is very common for criminals to use white panel vans and pick-up trucks in the commission of their crime.

Committee of the Whole

The Traffic Commission's recommendation was reviewed by the Committee of the Whole on December 17, 2013. After review and discussion, the consensus of the Board was to remand the matter back to the Traffic Commission to hold a public meeting.

Traffic Commission

Staff announced the date of the Traffic Commission's meeting to discuss commercial and recreational vehicle parking during the December 17, 2013 Village Board meeting, in a news release to the media, in the Connections newsletter, on the Village's website, and on the local cable television channel.

On February 20, 2014, the Traffic Commission met at its regularly scheduled meeting to discuss commercial and recreational vehicle parking. Chairman Gelfund explained the purpose of the meeting to the public and solicited input. Eight residents spoke at the meeting, two in favor of restricting commercial and recreational vehicles and six opposed stricter regulations.

Following review and discussion, the Traffic Commission unanimously voted in favor of revising the Code to include the following:

1. Allow passenger vehicles, motorcycles, passenger vans with RV license plates, and noncommercial vehicles weighing less than 8,000 pounds with passenger or class B license plates to park on residential roadways and private residential driveways.
2. Prohibit parking any commercial truck, trailer, semi-trailer, bus, or commercial vehicle on any residential roadway or residential driveway between 7:00 p.m. and 7:00 a.m.
3. Define taxi and livery vehicles as commercial vehicles.
4. Define non-commercial vehicles as having single rear wheels only, no signs, no advertisements, no business identifications, no business license plates, no attached auxiliary equipment, no snow plows, no equipment racks, and/or no

storage boxes or lockers.

5. Prohibit debris, construction materials and/or equipment intended for commercial or business use from being present in a non-commercial vehicle, whether open or covered.
6. Require non-commercial cargo and panel vans to have side and rear windows and seating behind the driver's seat.

Village Board Direction

Staff is seeking direction regarding the Traffic Commission's recommendation to revise the Code regarding commercial and recreational vehicle parking.

Village Board Options

1. Status Quo
2. Traffic Commission's Recommendation
3. Hybrid Approach Maintaining Current Code with Minor Revisions

Documents Attached

1. October 24, 2013 Approved Traffic Commission Minutes
2. Chapter 7 Traffic Code
3. Zoning Code Chapter 15 7.11 Off-Street Parking and Loading
4. Zoning Code Chapter 15.7.12 Parking and Storage of Recreational Vehicles...
5. December 17, 2013 Memorandum to the Board
6. December 17, 2013 PowerPoint Presentation
7. December 17, 2013 Committee of the Whole Minutes
8. Draft February 20, 2014 Traffic Commission Minutes

**Village of Lincolnwood
Traffic Commission Meeting Minutes
Thursday, October 24, 2013, 7:00 p.m.
Village Hall Council Chambers**

1) Call to Order

Commission Chair Gelfund called the meeting to order at 7:06 p.m.

2) Pledge to the Flag

Chair Gelfund led the Commission in the Pledge to the Flag.

3) Roll-call

Commissioners Mark Bonner, Antonio Costantino, Donald Gelfund, Georjean Nickell, Claude Petit, Scott Troiani, Assistant to the Public Works Director Ashley Engelmann, Village Engineer Jim Johnson, Officer Timothy Schaefer and Chief of Police Robert LaMantia were present.

Trustee Ronald Cope and Commissioner James Lee were absent.

4) Report by Chair

Chairman Gelfund reported on a recent Plan Commission meeting regarding the development of the Purple Hotel property. He indicated that there was a lot of discussion regarding a proposed traffic control signal at Chase and Lincoln, and the potential impact on traffic on Chase between Lincoln and Crawford.

5) Approval of Traffic Commission Minutes

Commissioner Troiani made a motion to approve the minutes from September 26, 2013. Commissioner Nickell seconded the motion. The motion was unanimously approved.

6) Unfinished Business

a) Alternate Side Parking Signage

Ms. Engelmann reported on Ms. Lydia Cohen's request to have signage regarding the Alternate Side Parking Ordinance posted on each residential street. The cost is \$9,000. Ms. Engelmann proposed adding eight additional signs, in addition to the signs posted on the arterial streets at each of the entrances to the Village. The cost of Ms. Engelmann's proposal is \$140. Commissioner Troiani made a motion to accept Ms. Engelmann's proposal. Commissioner Petit seconded. The motion was unanimously approved.

b) 4601 W. Touhy Avenue Traffic and Parking Challenges

Chief LaMantia reported on the on-going parking and traffic challenges in the

area of 4601 and 4711 W. Touhy. He reported that recently, staff had to remind the restaurant's valet service to remind drivers exiting the drive to turn right onto Kilpatrick to avoid creating a conflict with traffic on Touhy.

c) Standardization of Crosswalks

Mr. Jim Johnson presented his proposal to standardize crosswalk markings. Commissioner Bonner made a motion to recommend the Board accept the Crosswalk Design Guidelines as proposed. Commissioner Costantino seconded. The motion was unanimously approved.

d) Commercial and Recreational Vehicle Parking Restrictions

Mr. Paul Eisterhold, 6810 N. Lincolnwood Dr. spoke regarding the commercial and recreational vehicle ordinance. He said years ago, the Plan Commission worked for over two years to develop a commercial vehicle ordinance, only to have it changed by the Code of Ordinance and Review Board. He said the Commission worked very hard to be fair, but there were many occasions when residents parked motor homes, boats, and construction vehicles on their driveways for days, weeks and months. He asked the Commission to recommend restricting commercial and recreational vehicles from parking on residential streets and driveways.

Chief LaMantia reviewed commercial and recreational vehicle ordinances from several neighboring communities and after review and discussion, Commissioner Nickell said community appearance is a concern, and made a motion to recommend the Board restrict boats, boat trailers, recreational vehicles, snow mobiles, livery vehicles, commercial vehicles on residential streets and driveways between 7:00 p.m. and 7:00 a.m., except with temporary permission from the Police Department. Commissioner Bonner seconded. The motion was unanimously approved.

7) New Business

a) Central and Sauganash Turn Restrictions

Mr. James Persino, 6700 W. Sauganash spoke regarding the turn restrictions from Central to Sauganash. Mr. Persino said that there used to be two signs at Central at Sauganash restricting turns, but one sign was knocked down in a traffic crash about a year ago, and never replaced. He said he has lived in the Village since 1979, and the only people violating the Ordinance now are the neighbors. Prior to the development of the Village Crossing, employees from Teletype would cut through the neighborhood. However, that has not been a problem for many years. Everyone thought the theaters (Village Crossing) would create traffic problems, but they have not. Today, most of the drivers violating the signs are residential neighbors.

Chief LaMantia recommended the Commission defer any discussion or action

and notify the neighbors the request will be discussed at a future meeting. He recommended also consider removing the turn restrictions at Central and Ionia, and Central and Dowagiac.

Commissioner Troiani made a motion to table the discussion until the December 5, 2013 meeting and notify the neighbors. Commissioner Nickell seconded. The motion was unanimously approved.

b) Line of Sight Pratt and LeClaire

Chief LaMantia reported on the line of sight at Pratt and LeClaire. He indicated that during the past summer, the Illinois Department of Transportation closed the eastbound exit ramp from the Edens Expressway to Touhy. Most of the eastbound traffic used the westbound exit, turned left onto LeClaire, left onto Pratt, and headed east.

Staff proactively temporarily restricted parking for the 98' (feet) on the north side of Pratt, west of LeClaire to improve the line of sight for southbound LeClaire traffic. There were no line of sight related motor vehicle traffic crashes during the three month construction period. Based on the positive results, staff recommended the Commission restrict parking in this area to "compact car only." The neighbors were notified the Commission would be considering this matter. One resident contacted Chief LaMantia in advance of the meeting and asked that the same consideration be given to the east side of Pratt.

Commissioner Bonner made a motion to restrict parking on the north side of Pratt 98' (feet) west of LeClaire. This is approximately four car lengths or to the first residential driveway. Commissioner Troiani seconded. The motion was unanimously approved.

c) 2014 Meeting Dates

Commissioner Bonner made a motion to table this matter until the December 5, 2013 meeting. Commissioner Petit seconded. The motion was unanimously approved.

8) Public Forum

None

9) Report by Staff

- a) Chief LaMantia reported on providing information on Resident Only Parking to the residents on the 6400 block of Kimball following the September Traffic Commission meeting.

- b) Chief LaMantia reported that Airoom's request for Designated Parkway Parking will be on the next Village Board Committee of the Whole agenda.
- c) Chief LaMantia reported on several parking complaints received from the neighbors south of Meatheads Restaurant.

10) Good of the Order

None

11) Adjournment

There being no further business, Commissioner Bonner made a motion to adjourn the meeting at 9:25 p.m. Commissioner Costantino seconded the motion. The motion was unanimously approved.

VILLAGE OF LINCOLNWOOD

Chapter 7. TRAFFIC CODE

Article 2. THROUGH STREETS; STOP STREETS; ONE-WAY STREETS; LOAD LIMITS; PROHIBITED AND RESTRICTED PARKING

7-2-24. Parking commercial vehicles on public streets.

(A) Definitions. The following definitions shall apply in the interpretation and enforcement of this Section 7-2-24:

COMMERCIAL VEHICLE

For purposes of this Chapter 7, all commercial vehicles shall be classified as either Class 1 or Class 2 commercial vehicles. Any trailer including, but not limited to, tar hoppers, generators, cement mixers, or any portable construction or maintenance equipment that is not a recreational vehicle (as defined in Section 7-2-17 of this Code) camper trailer, a travel trailer, or a recreational vehicle trailer (as defined in Section 7-2-17 of this Code), shall be deemed a commercial vehicle. Unless otherwise provided, any reference in this Section 7-2-24 to commercial vehicles shall be deemed to be made to both Class 1 and Class 2 commercial vehicles. Class 2 vehicles used for snowplowing which have snowplow blades attached and which lack commercial markings or lettering indicating that the vehicle is used for commercial or industrial purposes are not commercial vehicles for purposes of this definition for the period commencing November 15 and ending April 15 each year.

(1) **CLASS 1** — Class 1 commercial vehicle shall mean any vehicle, other than a recreational vehicle, regardless of the use to which the vehicle is put or intended or designed to serve and regardless of any other classification system made applicable to vehicles by any other governmental body, that weighs in excess of 12,000 pounds in gross weight.

(2) **CLASS 2** — Class 2 commercial vehicle shall mean any vehicle that is not a recreational vehicle or a Class 1 commercial vehicle that is operated for the transportation of persons or property in the furtherance of any commercial or industrial enterprise, for hire or not for hire, including, without limitation (unless otherwise specified), the following:

(a) Commercial markings: Any such vehicle bearing commercial markings or lettering indicating that the vehicle is used for commercial or industrial purposes.

(b) Removable equipment: Any such vehicle bearing removable equipment or merchandise, excluding trailer hitches, camper type tops (not higher than one foot above the high point of the truck cab roof) and truck bed storage boxes, stored on the exterior of the vehicle.

TRAILER

Any vehicle or portable structure constructed so as to permit occupancy thereof for lodging or dwelling purposes or for the use as an accessory building or structure in the conduct of a business, trade or occupation, and which may be used as a conveyance on streets and highways, by its own or other motive power; a portable structure supported by wheels, jacks, horses, skids or blocks without a permanent foundation which is towed or hauled by another vehicle and, whether occupied or not, used for temporary human occupancy, carrying materials, goods or objects, livestock, or use as a temporary office.

(B) Use of public streets. Commercial vehicles or trailers shall not be permitted to park on any public street, thoroughfare or alley within the Village between the hours of 7:00 p.m. and 7:00 a.m. on weekdays, nor between the hours of 7:00 p.m. on Saturday and 7:00 a.m. on Monday.

(C) Penalty. Any person who shall violate any of the provisions of this Section 7-2-24 shall be subject to a fine as set forth in Section 7-2-31 of this Code.

Village of Lincolnwood

Chapter 15. ZONING

Article VII. OFF-STREET PARKING AND LOADING

7.11. Parking and storage of commercial vehicles and trailers in residential districts.

(1) Parking and storage defined. For purposes of this Section 7.11, the parking or storage of commercial vehicles and trailers, shall mean the parking of any such vehicle at any time.

(2) Parking and storage of commercial vehicles and trailers. The parking and storage of commercial vehicles and trailers in residential districts shall comply with the following restrictions:

a. Class 1 commercial vehicles and trailers. All Class 1 commercial vehicles or trailers must be parked or stored in a fully enclosed building or fully enclosed structure at all times, subject only to the exceptions stated herein. No Class 1 commercial vehicle or trailer shall be parked or stored in any unenclosed parking lot or parking area on any zoning lot in a residential district, except for the period necessary for the reasonable expeditious loading or unloading of such vehicle or in conjunction with the performance of a service or delivery for the benefit of the lot or its owners or occupants.

b. Class 2 commercial vehicles and trailers. Not more than one Class 2 commercial vehicle may be parked or stored in an unenclosed parking space per zoning lot. All other Class 2 commercial vehicles or their trailers must be parked or stored in a fully enclosed building or fully enclosed structure at all times except for the period necessary for the reasonable expeditious loading or unloading of a such vehicle or in conjunction with the performance of a service or delivery for the benefit of the lot or its owners or occupants. Notwithstanding the foregoing, nothing herein shall permit a detached trailer to be parked or stored in any unenclosed parking lot or parking area on any zoning lot in a residential district.

c. Impervious surface required. Those Class 2 commercial vehicles not restricted to parking in fully enclosed parking lots, garages or parking areas as required by Section 7.11(2)(b) above, shall be parked or stored on an all weather asphalt or concrete pavement surface in accordance with Village requirements and this Zoning Ordinance.

(3) Storage of vehicles in garages. A commercial vehicle or trailer may be stored in a fully enclosed garage or accessory structure in a residential district provided that said garage or accessory structure complies with all applicable provisions of this Zoning Ordinance.

(4) Construction sites. The regulations prohibiting the outdoor parking or storage of commercial vehicles and trailers set forth herein shall not apply where commercial vehicles or trailers are parked or stored on a zoning lot where improvements to that zoning lot are actively being constructed pursuant to a current, valid Village permit. Notwithstanding the foregoing, no owner, occupant, or any contractor or agent of an owner or occupant, shall park or store any commercial vehicle or trailer on any zoning lot in a residential district for an indefinite period of time during the permit period. Only those commercial vehicles or trailers which are used to facilitate the construction authorized by Village permit shall be exempt from the regulations set forth in this Article VII.

(5) Exemption for commercial vehicles registered to educational, religious or charitable organizations. The Board of Trustees or a committee thereof, upon proper written application by the owner of a vehicle which would otherwise be classified as a commercial vehicle under this Zoning Ordinance, and which vehicle is registered to an educational, religious or charitable organization, and the vehicle is used for educational, religious or charitable purposes, may after due consideration, exempt such vehicle from the requirements of this Article VII. An applicant for a permit to exempt a vehicle may be required to submit certain documents as part of the application process including: 1) a written statement of recent date by the Attorney General of Illinois that the organization is in compliance with the provisions of 225 Illinois Compiled Statutes 460/2 of An Act to Regulate Solicitation and Collection of Funds for Charitable Purposes, and such statute as may hereafter be amended; 2) a written statement from the Internal Revenue Service that the organization is a tax exempt organization under the Internal Revenue Code of the United States, Section 501(c)(3). Any vehicle so exempted must be in a fully operational condition.

VILLAGE OF LINCOLNWOOD

Chapter 15. ZONING

Article VII. OFF-STREET PARKING AND LOADING

7.12. Parking and storage of recreational vehicles, recreational vehicle trailers, and mobile homes in all zoning districts.

(1) Parking and storage. This Section 7.12 governs the parking and storage of recreational vehicles, recreational vehicle trailers and mobile homes at any time.

(2) Fully enclosed parking required; unenclosed parking or storage prohibited. Except as permitted in Article III, Section 3.11 (mobile homes or trailers used as temporary offices), any recreational vehicle, recreational vehicle trailer or mobile home shall be parked or stored in a fully enclosed building or fully enclosed structure. No recreational vehicle, recreational vehicle trailer or mobile home shall be parked or stored in any unenclosed parking lot or parking area on any zoning lot in any zoning district, except for the period necessary for the reasonable expeditious loading or unloading of such vehicle, and except as set forth below.

a. Limited exception; grace period. Recreational vehicles may be parked in an unenclosed parking lot or parking area for up to 48 consecutive hours. Notwithstanding the foregoing, the following specific regulations apply to certain seasonal types of recreational vehicles:

i. Boats and boat trailers shall be parked in a fully enclosed building or structure for the period commencing October 31 and ending April 1 each year.

ii. Snowmobiles, snowmobile trailers, ice sailing craft and trailers used to transport such craft, or any other similar recreational vehicle (and trailer) used for transport over ice or snow, shall be parked in a fully enclosed building or structure for the period commencing April 1 and ending November 30 each year.

b. No exception for empty trailers. Empty recreational vehicle trailers shall be parked or stored in a fully enclosed building or structure and shall not be permitted to be parked in any other manner.

(3) Parking and storage of vehicles in fully enclosed garages. A recreational vehicle, recreational vehicle trailer or mobile home may be parked or stored in a fully enclosed garage or accessory structure in any zoning district provided that said garage or accessory structure complies with all applicable provisions of this Zoning Ordinance.

(4) Parking and storage of vehicles in storage facilities. A recreational vehicle, recreational vehicle trailer or mobile home may be stored in a facility where the storage of property is the primary business of such facility or in a facility where the parking or storage of recreational vehicles, recreational vehicle trailers or mobile homes for display prior to sale or storage prior to delivery may be permitted on a lot in districts where establishments manufacturing such vehicles are permitted uses or special uses and such use complies with all applicable provisions of this Zoning Ordinance.

(5) Utility hookups. It shall be unlawful for any Recreational vehicle, recreational vehicle trailer or mobile home to be connected to any public utility except for required servicing and maintenance of any recreational vehicle, recreational vehicle trailer or mobile home.

(6) Residential use prohibited. No recreational vehicle, recreational vehicle trailer or mobile home shall be occupied for lodging or dwelling purposes in the Village.

(7) Unsafe conditions. It shall be unlawful to park or store a recreational vehicle, recreational vehicle trailer or mobile home in a manner which creates a dangerous or unsafe condition. A dangerous or unsafe condition shall include but shall not be limited to:

a. Parking or storage in an unlocked condition.

b. Parking or storage with flammable liquids aboard in portable containers.

c. Parking or storage in such a manner that a recreational vehicle or recreational vehicle trailer, or mobile home, whether loaded or not, may readily tip or roll.

(8) Location on lot. Any recreational vehicle or recreational vehicle trailer when parked or stored must be fully contained within the zoning lot and shall not extend into the public right-of-way. In no event shall the recreational vehicle or recreational vehicle trailer create a visual or safety hazard for pedestrians or vehicular traffic.

(9) Effective date. This Article VII, shall be in full force and effect from and after its passage, approval, and publication in pamphlet form as provided by law.



LINCOLNWOOD POLICE DEPARTMENT

INTER-OFFICE MEMO

Robert LaMantia
Chief of Police

To: Timothy C. Wiberg, Village Manager

From: Robert LaMantia, Chief of Police

Date: December 17, 2013

Subject: Traffic Commission Recommendation Regarding
Restricting Commercial and Recreational Vehicle Parking

The Traffic Commission has been reviewing, discussing and considering restricting commercial and recreational vehicle parking on residential streets and private driveways since November, 2011.

The current Code prohibits the on-street parking of commercial vehicles between 7:00 p.m. and 7:00 a.m. Commercial vehicles are defined as vehicles over 12,000 pounds, and/or vehicles bearing commercial markings and/or equipment. The Zoning Code prohibits parking any commercial vehicles over 12,000 pounds on a residential driveway, or more than one commercial vehicle less than 12,000 pounds on a residential driveway.

Enforcement of a commercial vehicle ordinance based on weight is challenging. The following are just two of many examples of trucks weighing over 12,000 pounds:



The Zoning Code requires boats and trailers to be parked in a fully enclosed structure from October 31st to April 1st, each year. It also requires snow mobiles and similar type vehicles to be parked in an enclosed structure from April 1st through November 30th.

each year.

On October 24, 2013, the Traffic Commission unanimously voted to recommend the Village Board adopt an Ordinance “restricting boats, boat trailers, recreational vehicles, snow mobiles, livery vehicles, commercial vehicles on all residential streets and driveways between 7:00 p.m. and 7:00 a.m., except with temporary permission from the Police Department.” The Traffic Commission meeting minutes are attached.

The Commission made the recommendation for the following reasons:

1. Commercial and recreational vehicles adversely affect the character of residential neighborhoods. Commercial vehicles should be parked at the owner’s place of business, not his home. Persons who own recreational vehicles should understand that part of the cost of owning such a vehicle is the cost of proper storage.
2. There are challenges with enforcing the current Code with regard to recognizing Class 1 Commercial Vehicles. The current Code prohibits vehicles weighing over 12,000 pounds. The Village Code with regard to commercial vehicles and the Zoning Code with regard to recreational vehicles is attached.
3. There is a general concern regarding safety including the restricted line of sight at intersections caused by commercial vehicles, attractive nuisances, and the use of commercial vehicles in the commission of criminal acts. It is very common for criminals to use white panel vans and pick-up trucks in the commission of their crime.
4. A review of neighboring communities shows that restricting commercial and recreational vehicles is the norm. The Village’s current Code is the exception. A summary of the neighboring Codes is attached.

I am requesting this recommendation be discussed by the Village Board at a Committee of the Whole meeting.

Documents Attached

1. October 24, 2013 Approved Traffic Commission Minutes
2. Chapter 7 Traffic Code
3. Zoning Code Chapter 15 7.11 Off-Street Parking and Loading
4. Zoning Code Chapter 15.7.12 Parking and Storage of Recreational Vehicles...
5. Commercial and Recreational Vehicle Parking Summary

Commercial and Recreational Vehicle Parking Restrictions



December 17, 2013
Committee of the Whole

Chapter 7 - Traffic Code

- No Commercial Vehicle Parking on Any Residential Street Between 7:00 p.m. and 7:00 a.m.
- Commercial Vehicles are Defined as Vehicles Over 12,000 Pounds, Having Equipment Installed and/or Markings

12,000 Pound Vehicles??



Panel Vans are Not Restricted on Public Streets or Private Driveways





Photographed 12-16-13

Code Allows Vehicles Under 12,000 Pounds in a Residential Driveway



One Livery Vehicle is Permitted in Each Residential Driveway



Photo courtesy of Jay Kleeman

Boats and Boat Trailers

Chapter 15 - Zoning

- Boats and Boat Trailers Shall Be Parked in a Fully Enclosed Building From October 31 Until April 1, Each Year.
- Boats and Boat Trailers are Permitted on Residential Driveways Between April 1 and October 30



Snowmobiles and Snowmobile Trailers

Chapter 15 - Zoning

- Snowmobiles and Snowmobile Trailers Shall be Parked in a Fully Enclosed Structure from April 1 Until November 30, Each Year
- Snowmobiles and Trailers May Be Parked in Residential Driveways Between December 1 and March 31

The Traffic Commission is
Recommending Restricting
Commercial and Recreational Vehicles
On Streets and Residential Driveways.

Traffic Commission Justification

- Commercial Vehicles Adversely Affect the Character of Residential Neighborhoods
- There are Challenges Associated With Enforcing Commercial Vehicles, When Defined by Weight

Justification (cont.)

- There is a General Concern That Parking Commercial Vehicles on Residential Streets Compromises Safety
- A Survey of Several Neighboring Communities Shows Lincolnwood is Less Restrictive Than Most

Neighboring Communities

Chicago

Commercial Vehicles are Prohibited From
Parking on Residential Streets

Evanston

Commercial Vehicles are Prohibited From
Parking on Streets With More Than 50%
Residential From 9:00 p.m. Until 7:00 a.m.

Neighboring Communities (cont.)

Skokie

Commercial Vehicle Parking is Prohibited
on Residential Streets From 9:30 p.m.
Until 7:00 a.m.

Wilmette

Commercial Vehicle Parking is Prohibited
on Residential Streets

Neighboring Communities (cont.)

Niles

- Commercial Vehicle Parking is Prohibited on Residential Streets
- Parking a Boat on a Private Driveway is Permitted Under Certain Conditions

Neighboring Communities (cont.)

Morton Grove

Unlimited Storage of Commercial and Recreational Vehicles Less Than Eight Feet High is Restricted to Side and Rear Lots

Traffic Commission Recommendations

- Amend the Traffic and Zoning Codes to Restrict Boats, Trailers, Recreational Vehicles, Snowmobiles, Livery Vehicles, Commercial Vehicles on All Residential Streets and Residential Driveways Between 7:00 p.m. and 7:00 a.m.
- Define Commercial Vehicles as Any Vehicle With a “B” Truck Plate or Higher (60 currently registered in Lincolnwood)
- Homeowners May Request Permission to Store a Vehicle for a Couple of Days for Maintenance, etc.

Village Board Alternatives

- Approve All of the Traffic Commission's Recommendations
- Approve Some of the Traffic Commission's Recommendations
- Deny All of the Traffic Commission's Recommendations
- Refer the Matter Back to the Traffic Commission for a Publicized Public Meeting

**VILLAGE OF LINCOLNWOOD
PRESIDENT AND BOARD OF TRUSTEES
COMMITTEE OF THE WHOLE MEETING
VILLAGE HALL COUNCIL CHAMBERS
DECEMBER 17, 2013**

Call to Order

President Turry called the Committee of the Whole meeting of the Lincolnwood Board of Trustees to order at 6:30 PM, Tuesday, December 17, 2013 in the Council Chambers of the Municipal Complex, 6900 North Lincoln Avenue, Village of Lincolnwood, County of Cook and State of Illinois.

Roll Call

On roll call by Village Clerk Beryl Herman the following were:

PRESENT: President Turry, Trustees Leftakes, Klatzco, Elster, Sprogis-Marohn, Patel

ABSENT: Trustee Cope

A quorum was present. Also present: Timothy Wiberg, Village Manager; Douglas Petroschius, Assistant Village Manager; Charles Meyer, Assistant to the Village Manager; Timothy Clarke, Director of Community Development; Robert LaMantia, Chief of Police; Charles Greenstein, Village Treasurer; Amanda Williams, Management Analyst; Ashley Engelmam, Assistant to the Public Works Director; Manuel Castaneda, Director of Public Works; Donald Gelfund, Traffic Commission Chair, Georjean Nickel, Traffic Commission; Paul Eisterhold, Plan Commission Chair.

Approval of Minutes

The minutes of the December 3, 2013 Committee of the Whole meeting were distributed in advance of the meeting and were examined. Trustee Sprogis-Marohn moved to approve the minutes. Trustee Patel seconded the motion. The motion passed by Voice Vote.

Regular Business

1. Discussion Concerning the Parking of Commercial Vehicles

This item was presented by Chief LaMantia with use of PowerPoint.

The Traffic Code – Chapter 7 was identified

- No Commercial Vehicle parking on any residential street between 7PM and 7AM
- Commercial Vehicles are defined as vehicles over 12,000 pounds having equipment installed and/or markings

Photographs of 12,000 pound vehicles were displayed

Panel Vans are not restricted on Public Streets or Private Driveways.

Current Code allows vehicles under 12,000 pounds in a residential driveway.

One Livery Vehicle (taxi) is permitted in each residential driveway.

Traffic Code – Chapter 15

- Boats and Boat trailers shall be parked in a fully enclosed building from October 31 until April 1 each year
- Boats and Boat Trailers are permitted on residential driveways between April 1 and October 30

Traffic Code – Chapter 15

- Snowmobiles and Snowmobile Trailers shall be parked in a fully enclosed structure from April 1 until November 30 each year
- Snowmobiles and Trailers may be parked in residential driveways between December 1 and March 31

The Traffic Commission is recommending restricting Commercial and Recreational vehicles on streets and residential driveways

Traffic Commission Justification

- Commercial vehicles adversely affect the character of residential neighborhoods
 - There are challenges associated with enforcing commercial vehicles, when defined by weight
 - There is a general concern that parking commercial vehicles on residential streets compromises safety
 - A survey of several neighboring communities shows Lincolnwood is less restrictive than most
- Restrictions were identified in the communities of Chicago, Evanston, Skokie, Wilmette, Niles and Morton Grove

Traffic Commission Recommendations

- Amend the Traffic and Zoning Codes to restrict boats, trailers, recreational vehicles, snowmobiles, livery vehicles, commercial vehicles on all residential streets and residential driveways between 7PM and 7AM
- Define Commercial Vehicles as any vehicle with a “B” truck plate or higher (60 currently registered in Lincolnwood)
- Homeowners may request permission to store a vehicle for a couple of days for maintenance, etc.

Village Board Alternatives

- Approve all of the Traffic Commission’s recommendations
- Approve some of the Traffic Commission’s recommendations
- Deny all of the Traffic Commission’s recommendations
- Refer the matter back to the Traffic Commission for a publicized Public Meeting

Georjean Nickel, Traffic Commission member, addressed the Board regarding this issue.

Discussion ensued with recommendation to staff to contact residents regarding this matter. The consensus was to remand the item to the Traffic Commission. This information will appear in the next Village Newsletter and the item will appear on the agenda of the Traffic Commission at their meeting of February 20, 2014.

Adjournment to Executive Session

At 7:15P.M. Trustee Elster moved to adjourn the Committee of the Whole meeting to Executive Session for the purpose of discussion relating to personnel and review of Executive Session minutes, seconded by Trustee Patel.

Upon roll call the results were:

AYES: Trustees Patel, Elster, Klatzco, Sprogis-Marohn, Leftakes

NAYS: None

Adjournment

At 7:30 P.M. Trustee Elster moved to adjourn Committee of the Whole. The motion was seconded by Trustee Patel.

The motion passed with a Voice Vote

Respectfully Submitted,

A handwritten signature in cursive script that reads "Beryl Herman".

Beryl Herman
Village Clerk

Village of Lincolnwood
Draft Traffic Commission Meeting Minutes
February 20, 2014

1. Call to order

Chair Gelfund called the meeting to order at 7:06 p.m.

2. Pledge to the Flag

Chair Gelfund led the Commission in the Pledge to the Flag.

3. Roll Call

Commissioners Mark Bonner, Antonio Costantino, Donald Gelfund, Georjean Nickell, Claude Petit, Scott Troiani, James Lee, Officer Timothy Schaefer and Sergeant Michael Cahill were present.

Assistant to the Public Works Director Ashley Engelmann was excused to attend the Village Budget meeting, Chief Robert LaMantia was present for the discussion on Board and Commission Meeting Protocol Discussion and excused to attend the Village Budget meeting, and Village Engineer James Johnson was absent.

4. Report by Chair

Chair Gelfund reported that Airoom applied to have 1995 Code restricting Designated Parkway Parking on the 6800 block of Keystone repealed.

5. New Business

a. Chief LaMantia presented Board and Commission Meeting Protocol.

b. **Commercial and Recreational Vehicle Ordinance**

Chair Gelfund asked for input from the community regarding the Traffic Commission's recommended changes to the Commercial and Recreational Vehicle Ordinance.

Ms. Debra Stang
6910 North Keating Avenue

Ms. Stang reported that she owns a 40 foot class a motorhome and it is very unnecessary under any circumstances to restrict motorhomes within the Village. She further stated that when preparing to travel, it sometimes takes over 24 hours to prepare the camper and the refrigeration system in the vehicle.

In 2010, she had a house fire and lived in the motorhome while the house was being repaired. During that time they received a notice of being in violation of the recreational vehicle parking restrictions. She requested the Ordinance not be changed, and that they be allowed to park their RV for at least 48 hours, as the Ordinance currently states.

Mr. Mike Lisle

6639 Longmeadow Avenue

Mr. Lisle stated he has been a resident of Lincolnwood for 30 years and applauds the Commission on the proposed changes to the Code. He has seen changes for the worse (in the Village) because of commercial vehicle parking. In his neighborhood a resident parks a flatbed pickup truck almost on a nightly basis. He also stated that someone has a broken down pick-up truck, in a state of disrepair on the driveway near his house.

Mr. Lisle stated that he has called to complain about this pick-up truck, but was told by a community service officer that it was unclear if the Ordinance could be enforced, because the license plate could not be seen from the street. He welcomes the Village to provide more specific regulations or restrictions so that officers have defined, clear rules to enforce the codes as they are written.

Mr. Daniel May

6907 Kilpatrick Avenue

Mr. May stated that he grew up in Lincolnwood and has lived here for 27 years. Mr. May stated that the trailer and bobcat parked on the driveway in the PowerPoint presentation belong to him. He requested a variation to expand his garage so that he could park his vehicles inside, but it was denied. In addition he wanted to know why, since he pays taxes for Village stickers and license plates, he shouldn't be allowed to park on his private driveway.

Mr. May also stated that he uses that bobcat to plow snow for all his neighbors in the neighborhood and no one ever complains about him doing this for the neighbors. He said changing the Code would cause him an undue hardship. He usually parks his vehicles at his grandmother's house, but sometimes he has to leave early in the morning, or is too tired to park them there, so he parks them at his house in Lincolnwood.

Georgia Talaganis

3955 Estes Avenue

Ms. Talaganis spoke about how she liked the proposed changes to the Code. This issue is a character of community concern. The number of panel vans parked within the Village is becoming excessive. Her concern

was that there are panel trucks parked on residential driveways that are not registered to the Village of Lincolnwood. Many of the panel trucks are registered to other towns, and that because they are not allowed to park in those towns, owners bring them home to Lincolnwood. She also stated that these same vehicles come and go at all hours of the night.

Guilford Cunningham
6910 North Keating Avenue

Mr. Cunningham said his concern with the proposed Code is in regards to recreational vehicles and boats. He stated that he has a 1957 classic vehicle with a cover on it in his driveway and received a ticket for a disabled/abandoned vehicle on property. He also parks his nice-looking RV on his driveway and received a ticket. His recreational vehicle is in good condition, he is taking care of it, is not blocking any sidewalks, and he feels that with the amount of taxes that he pays to the Village he should be able to park it on his driveway.

Mr. Cunningham also stated that with the amount of taxes, legally licensed, legally tagged, maintained and taken care of, that they should not have to ask for permission to park his recreational vehicle for any amount of time on their driveway.

Ramis Seka
4534 North Shore Avenue

Mr. Seka spoke about how he has lived in Lincolnwood for two years and chose Lincolnwood because it is a very nice community. His father, who is a cab driver, left his taxi cab out in the street one night and received a ticket. He understands the ordinance behind parking commercial vehicles in the street, but also feels that with paying taxes (to the Village) that they should be allowed to park a taxi on their driveway because it is private property.

Mr. Sika explained that changing the Code and restricting a taxi from parking in the driveway would be an undue hardship for him and his family.

Chand Siraji
6878 North Kilpatrick Avenue

Mr. Siraji has been a resident of Lincolnwood for four years and previously lived in Chicago. He owns a taxi and needs to park that taxi in his driveway.

His family has a one car garage and needs to park the family car in a garage. He needs to park his taxi in the driveway because he comes and goes a lot. He does not understand why the village is going to force him to pay \$100 a week for a parking spot when he pays \$14,000 in taxes to

the Village. He stated that he should be able park is taxi on his own driveway.

Donald Broniarczyk
6847 Keating Avenue

Mr. Broniarczyk said he has been a resident of Lincolnwood for 60 years, and he enjoys living in Lincolnwood. However, over the last 20 years there have been too many regulations passed in the Village. Mr. Broniarczyk stated, "These people with their work vehicles in my neighborhood do not bother me. I do a lot of things on and around my house. Please leave these people alone, there are too many regulations."

Following the input from the community, and deliberation, and Commissioner Nickell made a motion to recommend the following language be incorporated into the Code:

Following review and discussion, the Traffic Commission unanimously voted in favor of revising the Code to include the following:

- i. Allow passenger vehicles, motorcycles, passenger vans with RV license plates, and noncommercial vehicles weighing less than 8,000 pounds with passenger or class B license plates to park on residential roadways and private residential driveways.
- ii. Prohibit parking any commercial truck, trailer, semi-trailer, bus, or commercial vehicle on any residential roadway or residential driveway between 7:00 p.m. and 7:00 a.m.
- iii. Define taxi and livery vehicles as commercial vehicles.
- iv. Define non-commercial vehicles as having single rear wheels only, no signs, no advertisements, no business identifications, no business license plates, no attached auxiliary equipment, no snow plows, no equipment racks, and/or no storage boxes or lockers.
- v. Prohibit debris, construction materials and/or equipment intended for commercial or business use from being present in a non-commercial vehicle, whether open or covered.
- vi. Require non-commercial cargo and panel vans to have side and rear windows and seating behind the driver's seat.

The motion was seconded by Commissioner Troiani. The motion was unanimously approved.

6. Public Forum

Ramis Ceka
4534 North Shore Avenue

Mr. Ceka commended the Commission for the tough decisions that they had to make.

7. Report by Staff

None

8. Good of the Order

Chair Gelfund reminded the Commissioners that they are welcome and encouraged to come to the Village Board meetings. He would like to see the Commission better represented at the Village Board meetings.

The next Traffic Commission meeting is scheduled for March 20, 2014.

9. Adjournment

There being no further business, at 9:05 p.m., Commissioner Bonner made a motion to adjourn the meeting. The motion was seconded by Commissioner Lee. The motion was unanimously approved.

Minutes prepared by Sergeant Michael Cahill

Request for Board Action

REFERRED TO BOARD: June 3, 2014

AGENDA ITEM NO: 7

ORIGINATING DEPARTMENT: Community Development

SUBJECT: Consideration of a Recommendation by the Plan Commission to Grant a Special Use Permit for a Package Goods Liquor Store at 7177 North Lincoln Avenue

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

Petitioner Bill Assimakopoulos is seeking Special Use authorization to open and operate a package goods liquor store at 7177 North Lincoln Avenue. The petitioner, who also operates Lincolnwood Produce, proposes to move the current sale of liquor from Lincolnwood Produce into a separate adjoining space at 7177 North Lincoln Avenue. Lincolnwood Produce itself does not have a Special Use permit to sell alcohol since the Zoning Code allows liquor to be sold in a grocery store. The proposal to move the sale of liquor to a separate standalone space requires Special Use approval.

The proposed space for the liquor store is approximately 4,000-square feet in area with approximately 3,500-square feet planned as the sales/retail floor area. The sales floor area includes both shelf space and approximately 200-square feet of cooler space (15 cooler doors). Also proposed is a cigarette display and lottery machine near the cashier area.

Public Hearing

A Public Hearing on this matter was held by the Plan Commission on May 7, 2014. Mrs. Kathy O'Brien, agent for the petitioner, testified before the Plan Commission. Mrs. O'Brien stated that Lincolnwood Produce currently sells alcohol and lottery tickets and the proposal is to move those items to the standalone liquor store. Mrs. O'Brien added that the proposed liquor store would be successful for both the liquor store and the grocery store.

The Plan Commission reviewed the history of prior proposals for a liquor store in the same location as well as the legislative history of Lincolnwood Wines & Spirits located at 6929 North Lincoln Avenue. The general consensus of the Plan Commission was to not impose conditions on the current petitioner similar to those conditions imposed on Lincolnwood Wines & Spirits. Conditions that had been imposed on Lincolnwood Wines & Spirits included various prohibitions such as (at least initially) cold beer, beer kegs, single cans of beer, spirits in containers less than 3 ounces, cigarettes, lottery tickets, and various other operating restrictions. Many Commissioners noted their disagreement with the various conditions placed on Lincolnwood Wines & Spirits and

stated that similar conditions on this petitioner would not be appropriate. Commissioner Sampen disagreed with this prevailing viewpoint and stated that the Village should be consistent in applying conditions particularly for same land uses located within one to two blocks of each other. No public testimony was received.

Plan Commission Recommendation

In considering this matter, the Plan Commission concurred with the findings submitted by the applicant and, by a 5-1 vote, recommends approval of a Special Use to permit a packaged goods liquor store at 7177 North Lincoln Avenue. The Plan Commission is not recommending any conditions on this Special Use.

Commissioner Sampen dissented and indicated that conditions placed on Lincolnwood Wines & Spirits should also be imposed on this application for consistency purposes.

FINANCIAL IMPACT:

N/A

DOCUMENTS ATTACHED:

1. Excerpt May 7, 2014 Plan Commission Minutes (Draft)
2. May 7, 2014 Plan Commission Packet
 - a. Staff Report to Plan Commission
 - b. Special Use Application
 - c. Site Plan
 - d. Existing and Proposed Floor Plan
 - e. Ordinance No. 2012-3005

RECOMMENDED MOTION:

Move to concur with the recommendation of the Plan Commission to grant Special Use approval for a packaged goods liquor store at 7177 North Lincoln Avenue and to direct the Village Attorney to prepare the requisite Ordinance for approval.

DRAFT MEETING MINUTES OF THE
PLAN COMMISSION WORKSHOP
MAY 7, 2014 – 7:00 P.M.

LINCOLNWOOD VILLAGE HALL
COUNCIL CHAMBERS
6900 NORTH LINCOLN AVENUE
LINCOLNWOOD, ILLINOIS 60712

MEMBERS PRESENT:

Chairman Paul Eisterhold
Sue Auerbach
Irving Fishman
Patricia Goldfein
Don Sampen
Mark Yohanna

MEMBERS ABSENT:

Steve Jakubowski

STAFF PRESENT:

Aaron N. Cook, AICP, Community Development Manager
Hart Passman, Village Attorney, Holland & Knight

I. CALL TO ORDER

Chairman Eisterhold noted a quorum of five members and called the meeting to order at 7:05 p.m.

II. PLEDGE OF ALLEGIANCE

III. APPROVAL OF MINUTES

Motion to Approve the April 23, 2014 Meeting Minutes was made by Commissioner Fishman, and Seconded by Commissioner Sampen.

Aye: Fishman, Sampen, Goldfein, Yohanna, and Eisterhold

Nay: None

Abstained: Auerbach

Motion Approved 5-0-1

IV. Public Hearing: 7177 North Lincoln Avenue – Special Use for Liquor Store

Chairman Eisterhold swore in the Petitioners Bill Assimakopoulos of 4456 West Greenleaf, and Kathy O'Brien of 3837 West Fitch Avenue.

Mr. Cook presented an aerial of the subject property which is between Lincolnwood Produce and CVS. The Petitioners are requesting a Special Use to be allowed to move the liquor store from

inside Lincolnwood Produce to the empty tenant space next door. Mr. Cook also presented the 4,000-square foot floor plan, of which 3,500-square feet would be devoted to retail.

There was a previous application made in May 2008 for a liquor store at this site which was denied by the Plan Commission/Zoning Board of Appeals by a vote of 4-3. The recommended denial was based upon how to handle property improvements that were made as a condition of the approval, including landscaping and parking requirements. The Village Board has since removed these property improvement requirements as a condition for a Special Use.

The conditions placed on Lincolnwood Wines & Spirits, according to Ordinance No. 2012-3055, include minimum linear footage of shelving space devoted to bottled wine, prohibiting the sale of lottery tickets, and prohibiting the display of cigarettes. The Petitioner's plan calls for a lottery machine near the entrance and a cigarette display within the cashier space. Staff reiterated that the standards placed on Lincolnwood Wines & Spirits are not part of the Village's Zoning Code.

Petitioner Kathy O'Brien began her presentation stating that Lincolnwood Produce obtained their liquor license three years ago. Currently, they have 800-square feet of store space and a lottery machine. They would like to move the liquor and lottery areas to the empty tenant space next door so Lincolnwood Produce could utilize the floor space for grocery uses. They believe a standalone facility would generate more traffic.

A discussion revolved around the extensive restrictions already in place for liquor stores and whether or not they should be lifted somewhat.

Commissioner Sampen thought that the Village should be consistent with their standards and, in fact, the Village should ease the restrictions that are in place. Commissioner Sampen asked the Petitioner how they feel regarding the current restrictions and why they shouldn't be held to the same conditions as Lincolnwood Wines & Spirits.

Commissioner Goldfein questioned the Petitioner on why they felt the need for a freestanding store.

Petitioner O'Brien explained that their goal is to have them be separate businesses. A major barrier to knocking down walls and adding space is that they would have to close part of the grocery store during the remodeling process which would be detrimental to their business.

Commissioner Goldfein also inquired as to what the business hours would be. Petitioner O'Brien said that the hours would essentially be the same as the grocery store.

Mr. Passman noted that all liquor stores are held to the same standards that are present in the current liquor license requirements.

Chairman Eisterhold asked if anyone in the audience would like to speak on this Special Use. He noted that no one came forward.

Motion to Approve a Special Use for a Liquor Store in the space commonly known as 7177 North Lincoln Avenue was made by Commissioner Fishman, and Seconded by Commissioner Yohanna.

Aye: Fishman, Yohanna, Auerbach, Goldfein, and Eisterhold

Nay: Sampen

Motion Approved 5-1

V. Public Hearing: 7017 North Central Park Avenue – Special Use for Wireless Communication Facility on an Existing Tower

Chairman Eisterhold swore in the Petitioner, Wanchay Itmis of Verizon Wireless/ATC, 10700 West Higgins Road, Suite 240, Rosemont, Illinois.

Mr. Cook presented an overview of Verizon Wireless' Special Use in order to install three new antennas and ground equipment. The tower, which is owed by American Tower, is adjacent to the Village's water tank and the equipment will be placed 30 feet above ground on a 100-foot tower. Staff noted that there has been four of these facilities since 2009.

The Petitioner stated that the new equipment is needed in order to improve coverage and quality of service to their customers. The equipment will be installed 30 feet above grade on the existing 100-foot tower. These towers were chosen to provide better coverage and will provide little impact on the character of the property nor will it devalue the property. This improvement will not affect the structure with this addition. The site is in compliance with all federal, state, and Village ordinances.

In response to Chairman Eisterhold's inquiry as to why this equipment is only thirty-feet high, the Petitioner explained that Verizon utilizes small cell technology and, by utilizing smaller equipment, it can help alleviate dropped calls, etc. in areas where they cannot build high towers and the capacity can be enhanced with these smaller cells at a lower height.

Chairman Eisterhold swore in Mr. Stan Wilk, 4830 Chase Avenue, who is also a member of the Telecommunications Board, had no comments regarding this application.

Chairman Eisterhold asked if anyone in the audience would like to speak on this Special Use. He noted that no one came forward.

Motion to Approve a Special Use for a Wireless Communications Facility was made by Commissioner Yohanna, and Seconded by Commissioner Sampen.

Aye: Yohanna, Sampen, Auerbach, Goldfein, and Eisterhold

Nay: None

Motion Approved 6-0

VI. Public Hearing: Bank, Credit Union, Savings and Loans and Legal Nonconforming Uses – Zoning Code Text Amendment



Staff Report Plan Commission May 7, 2014

Subject Property:
7177 North Lincoln Avenue

Zoning District: B-3 Village Center
Planned Development District

Petitioner: Bill G. Assimakopoulos,
Tenant

Nature of Request: The petitioner seeks Special Use approval for a "Liquor store, package goods" use in the tenant space commonly known as 7177 N. Lincoln Ave.



Notification: Notice of the May 7, 2014 meeting was published in the Lincolnwood Review on April 17, 2014. One Public Hearing Sign was installed at 7177 North Lincoln Avenue.

Summary of Request

The applicant requests Special Use approval to permit a "Liquor store, package goods" use in the tenant space commonly known as 7177 North Lincoln Avenue. Currently, Lincolnwood Produce sells liquor under the use of a "Grocery store". Lincolnwood Produce proposes to move the retail sales of liquor from within the grocery store to the adjoining separate space. As a result, the separate "Liquor Store" requires Special Use approval.

The space is approximately 4,000 square feet in area with approximately 3,500 square feet of the space to be devoted to sales/retail floor area. The sales/retail area includes 376 linear feet of shelf space, approximately 200 square feet of cooler space (15 cooler doors), a cashier area with cigarette display, and a lottery machine.

Related Village Action – 7177 North Lincoln Avenue

In 2008 the Village considered an application for Special Use approval for a "Liquor Store" at the same address. At the May 28, 2008 Plan Commission/Zoning Board of Appeals (PC/ZBA) meeting, by a 4-3 vote, a recommendation to deny the "Liquor store" was made. Certain improvements to the property were recommended as part of the consideration. During discussion of these required improvements, the PC/ZBA embraced a concept of holding

certain improvements in abeyance for a period of time. At the May 28th meeting, the applicant rejected the abeyance and as a result, a negative recommendation was made. It is worth noting that via a straw poll, the PC/ZBA indicated support for the “Liquor Store” use. The negative recommendation related to variations, which at the time were required.

At the Village Board meeting of June 19, 2008 the applicant requested that the application be remanded back to the PC/ZBA. The applicant indicated acceptance of the abeyance concept and based on the request the Village Board remanded the matter to the PC/ZBA. The PC/ZBA at their July 30, 2008 meeting recommended by a 5-2 vote, approval of the Special Use and certain variations with the abeyance of certain improvements for a period of three years. At the August 21, 2008 Village Board meeting the Board by a 4-1 vote concurred with the recommendation of the PC/ZBA and directed the Village Attorney to prepare an Ordinance approving the request. The applicant ultimately withdrew the request prior to the Village Board voting on an Ordinance. The conditions of the approval were beyond the scope and level of commitment of the proposed “Liquor Store”. Several months later an Adult Day Care use filed for a permit and occupied the space.

In 2009 the Village modified the landscape requirements that triggered the variations requested in 2008 and as a result, those variations are no longer required.

Related Village Action – “Liquor Store, Package Goods”

Also in 2008, the Village considered a Special Use application for a “Liquor Store” at 6929 North Lincoln Avenue. Lincolnwood Wines & Spirits initially received Special Use approval in January 2009 to operate a “Package Good Liquor Store”. As part of this approval several conditions were placed on the store including several operational requirements. In November 2010 the Village granted approval of an amendment to the original Special Use approval to modify some of the operational conditions. The owners of Lincolnwood Wines & Spirits indicated that in order to continue to successfully operate and offer desired products and services to their customers they needed modifications to some of the conditions. In 2012, Lincolnwood Wines & Spirits again requested amendments to previously approved Special Use Ordinances in order to modify several operational conditions for the existing liquor store. These modifications were approved by Ordinance No. 2012-3055 which is the current Ordinance applicable to Lincolnwood Wines & Spirits.

Some of the current conditions placed on Lincolnwood Wines & Spirits are difficult to apply to the proposal for 7177 North Lincoln Avenue. For example, Lincolnwood Wines & Spirits has minimum linear feet of shelving that must be devoted to bottled wine. The floor plan submitted by the applicant includes information on the amount of shelf space but does not make reference to what will be displayed.

The proposed floor plan includes a lottery machine near the entrance and a cigarette display area within the cashier space. If the conditions of Ordinance No. 2012-3005 are applied to the applicant both the lottery machine and display of cigarette would be in violation. These restrictions are part of the Lincolnwood Wines & Spirits approval and are not formally adopted standards to be necessarily applied to all “Liquor Store” uses.

7177 North Lincoln Avenue

May 7, 2014

Currently, there are two standalone “Liquor Stores” in Lincolnwood, Miska’s Keystone Liquors, 6423 North Cicero Avenue and Lincolnwood Wines & Spirits. Retail Sales of alcohol also occurs at Lincolnwood Produce, Walgreens (6770 North Lincoln Ave), and CVS (3950 West Devon Ave and 7179 North Lincoln Ave).

Documents Attached

1. Special Use Public Hearing Application
2. Site Plan
3. Existing and Proposed Floor Plan
4. Ordinance No. 2012-3005



VILLAGE OF LINCOLNWOOD
Community Development Department

Public Hearing Application
Special Use & PUD

SUBJECT PROPERTY

Property Address: 7177 N. LINCOLN AVE

Permanent Real Estate Index Number(s): 10-34-200-016-0000

Zoning District _____ Lot Area: _____

List all existing structures on the property. Include fencing, sheds, garages, pools, etc.

EXISTING STRIP MALL WITH CVS, LINCOLNWOOD PRODUCE AND
TWO VACANT RETAIL UNITS

Are there existing development restrictions affecting the property? _____ Yes _____ No
(Examples: previous variations, conditions, easements, covenants)

If yes, describe: _____

REQUESTED ACTION

☒ Special Use - Non-Residential

☐ Planned Unit Development (PUD)

☐ Special Use - Residential

☐ Other

PROJECT DESCRIPTION

Describe the Request and Project: REQUESTING FOR STANDALONE LIQUOR STORE
AT 7177. EXISTING LIQUOR LICENSE TO BE RELOCATED FROM
LINCOLNWOOD PRODUCE TO STANDALONE LOCATION

PROPERTY OWNER/PETITIONER INFORMATION

Property Owner(s):

Name: (List all beneficiaries if Trust): Gus Dimas

Address: 7175 N LINCOLN LINCOLNWOOD

Telephone: 847-329-0600 Fax: (_____) E-mail Address: _____

Petitioner (if different from owner):

Name: BILL GASSINAKOPOULOS Relationship to Property: Store Manager

Address: 4456 Green Leaf LINCOLNWOOD IL 60711

Telephone: 708 602 7657 Fax: (_____) E-mail Address: BGA1963@MSN.COM

REQUIRED ATTACHMENTS *Check all documents that are attached:

Plat of Survey _____

Site Plan _____

Proof of Ownership _____

Floor Plans _____

Elevations _____

Applicable Zoning Worksheet _____

Photos of the property _____

PDF files of all drawings _____

For Office Use Only

Fee: _____ Deposit: _____

Date Received: _____

Checked By: _____

The article(s), section(s) and paragraph(s) of the
Village of Lincolnwood Zoning Ordinance from
which the Action is being sought:

**The above documents are required for all applications. The Zoning Officer may release an applicant from specific required documents or may require additional documents as deemed necessary.*

COST REIMBURSEMENT REQUIREMENT

The Village requires reimbursement of certain out-of-pocket costs incurred by the Village in connection with applications for zoning approvals and relief. These costs include, but are not limited to, mailing costs, attorney and engineer costs, and other out-of-pocket costs incurred by the Village in connection with this application. In accordance with Section 5.02 of the Village of Lincolnwood Zoning Ordinance, both the petitioner and the property owner shall be jointly and severally liable for the payment of such out-of-pocket costs. Out-of-pocket costs incurred shall be first applied against any hearing deposit held by the Village, with any additional sums incurred, to be billed at the conclusion of the hearing process.

Invoices in connection with this application shall be directed to:

Name: Bill G Assimakopoulos

Address: 4456 W Glenhurst

City, State: Lincolnwood IL 60712

ATTESTMENT AND SIGNATURE

I hereby state that I have read and understand the Village cost reimbursement requirement, as well as the requirements and procedures outlined in Article V of the Village Zoning Ordinance, and I agree to reimburse the Village within 30 days after receipt of an invoice therefor. I further attest that all statements and information provided in this application are true and correct to the best of my knowledge and that I have vested in me the authority to execute this application.

PROPERTY OWNER

Gus Dimas _____

Signature Date

Gus Dimas

PRINT NAME

PETITIONER (If different than property owner)

Bill G Assimakopoulos _____

Signature Date

Bill G Assimakopoulos

PRINT NAME

Village of Lincolnwood
Community Development
Special Use Standards:

- 1) *Please explain how the use is necessary for public convenience at this location, and the subject property is deemed suitable for the use (please explain in detail)*

Currently Lincolnwood Produce is operating and selling liquor within the grocery store. The proposal is to relocate the liquor sales (under the existing liquor license "The Vineyards of Lincolnwood, Ltd.") into a standalone location at the vacant retail unit right beside the grocery store, within the same strip mall. Currently customers must enter the grocery store to purchase the liquor. By relocating to the vacant unit beside the grocery store, the same customers would still have access to the goods but additional new customers would become aware of the additional services available by it being a standalone location.

The subject should be deemed suitable for the use because the use is currently being preformed within the adjoining grocery store. The grocery store would halt the sales of liquor products once the license was transferred to the standalone location at 7177 N. Lincoln.

- 2) *Please explain how the use is so designed, located and proposed to be operated that the public health, safety and welfare will be protected.*

Public safety health, safety and welfare would be unchanged. No adverse effects have been felt with the liquor sales taking place within the grocery store, none are expected with relocating the sales to the retail space right beside the grocery store, only 6 steps away.

- 3) *Please explain how this use would not cause substantial injury to the value of the other property in the neighborhood in which it is located.*

The relocating of the liquor sales to a standalone space within the strip mall will not negatively impact the stores within the strip mall or David's plaza directly across the street. This proposal merely relocates Lincolnwood Produce liquor license to an adjacent vacant unit.

The location of the proposed store would help reduce the vacancies within the strip mall. The prior tenant was a senior center. The vacant unit has struggled to maintain continuous use since the departure of the fabric store.

- 4) *The special use is consistent with the goals and policies of the Comprehensive Plan.*

The special use is consistent with the Comprehensive Plan for a thriving retail center.

- 5) *The special use would not impede the normal and orderly development and improvement of the surrounding property for uses permitted in the underlying zoning district.*

The special use would not impede development of the surrounding properties because it is moving an existing license located in the same strip mall to a vacant unit within the same strip mall.

- 6) *Please explain how the special use is so designed to provide adequate utilities, access road, drainage, or necessary facilities.*

The special use would have no impact on utilities, access road, drainage or necessary facilities because it is going into an established strip mall and filling a vacancy within the existing strip mall. Adequate parking exists. No changes to the parking lot will be made.

- 7) *Please explain how the special use is so designed to provide ingress and egress to minimize congestion on public streets.*

The traffic should not dramatically change because the use is already preexisting within the strip mall. It is merely relocating to a vacant unit thereby allowing additional shelving area for the grocery store. The customers that already frequent the liquor store would use the same street access but instead enter a separate door to the liquor store verse entering the grocery store. Additional congestion on public streets is not expected.

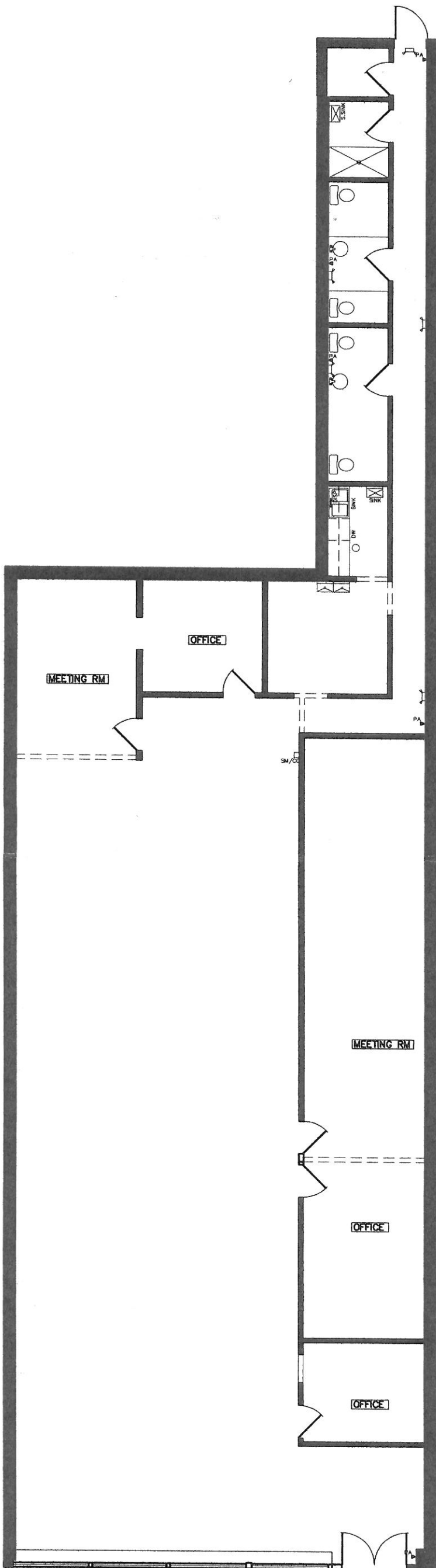
PROJECT DATA		REVISIONS		DEVELOPER	
TOTAL SITE AREA	3.02 AC.			G.S. CIVIL ENGINEERS, LLC 200 EAST MAIN ST. SUITE 100 CHICAGO, ILLINOIS 60604 PHONE: 312-321-7333 FAX: 312-321-7333 COURTNEY E. VANDER	
CVS PHARMACY	13,750 SF.				
EX. BLDG.	31,300 SF.			LAYOUT COORDS: 610	
PROPOSED QT	SINGLE			PLAYING HDR: 8TP	
PARKING INFORMATION	7 HANDICAP 147 REGULAR 154 TOTAL			SCALE: 1"=50' DATE: 01-09-08 JOB NUMBER: 03055 L108	
REQUIRED PARKING	150 TOTAL				

CVS/pharmacy

STORE NUMBER XXX
STORE ADDRESS TOLSON AVE. & FOSTER AVE.
LINCOLNWOOD, ILL 60465
PROJECT TYPE

Engineers Scientists Surveyors
7125 Jones Avenue, Suite 100
Woodridge, IL 60517
630.724.9200 voice
630.724.9202 fax
www.v-engineers.com

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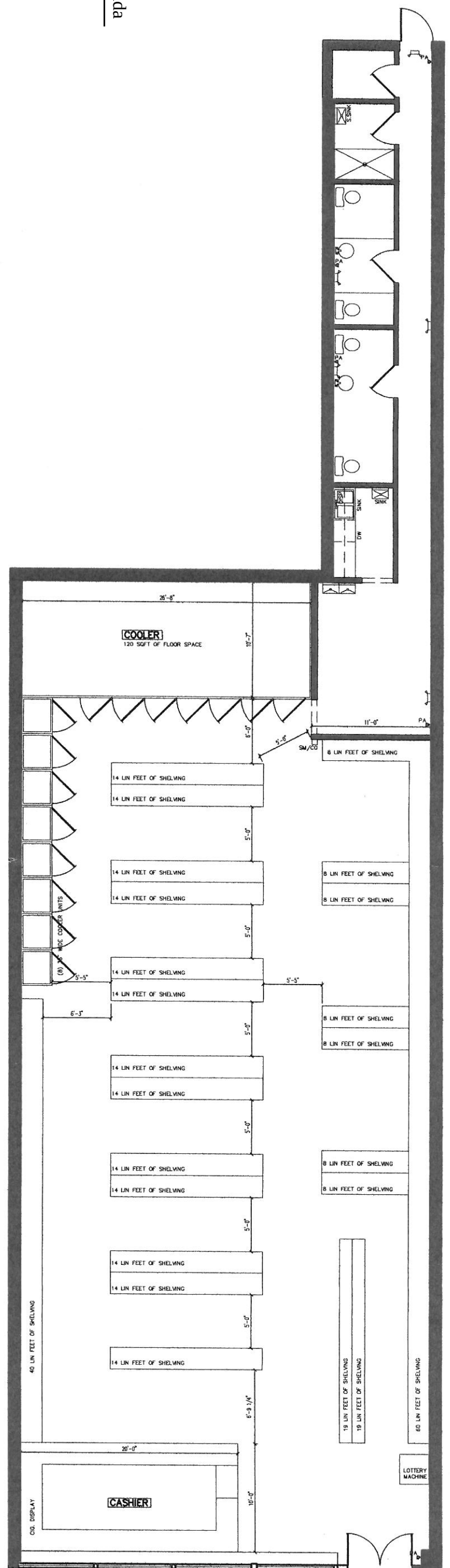


3,450 SQFT OF FLOOR AREA IN MAIN AREA
450 SQFT IN REAR HALLWAY AND BATHROOM/UTILITY AREAS

EXISTING FLOOR PLAN

SCALE: NTS

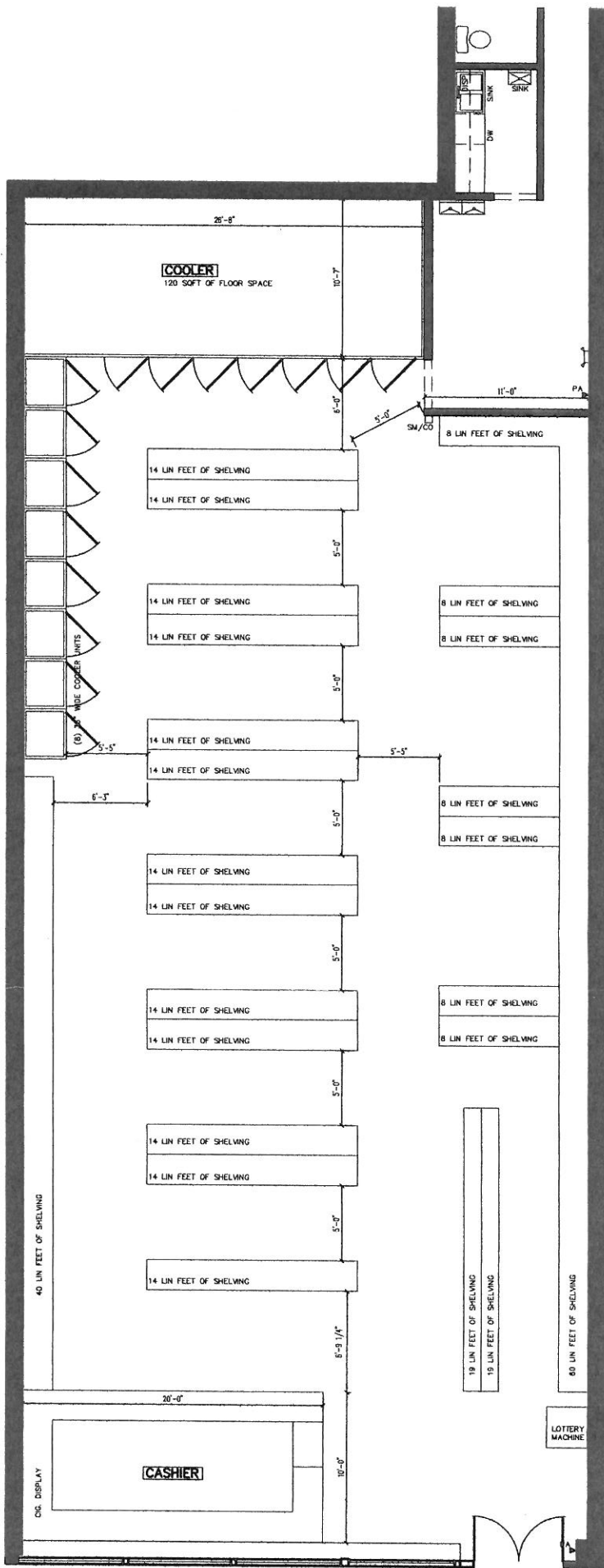
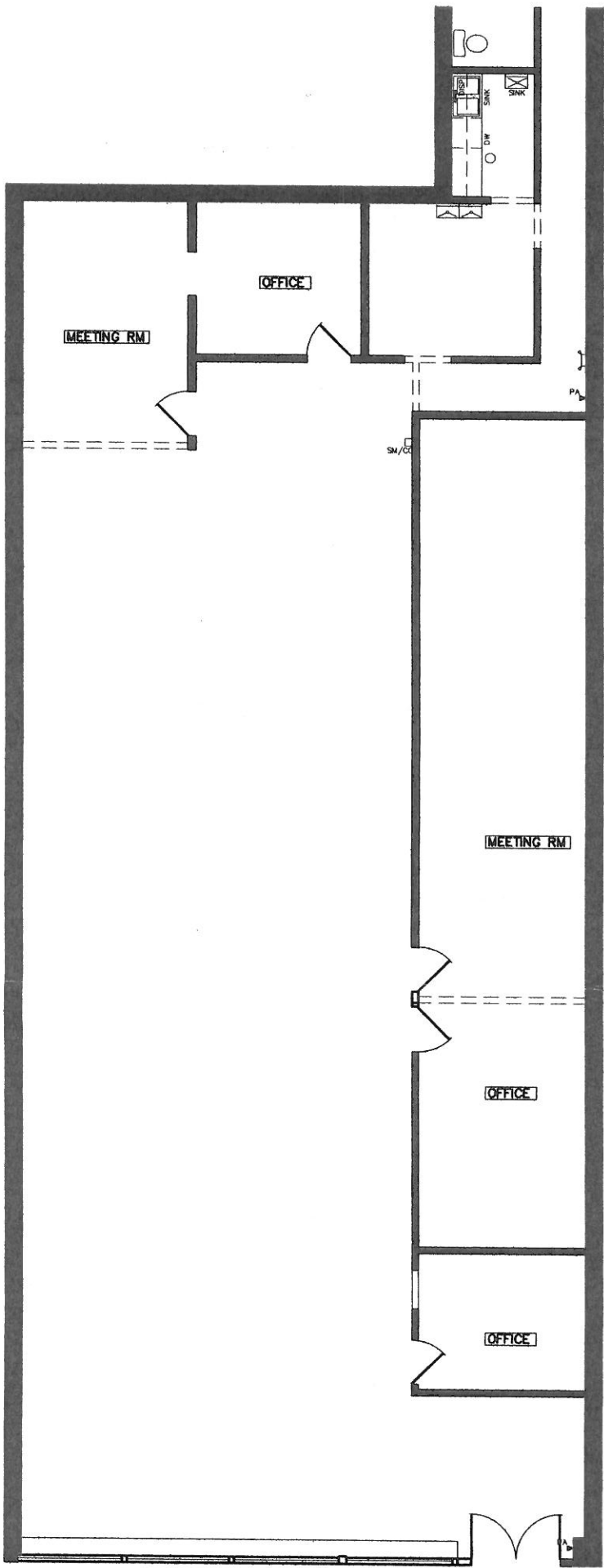
1
A1.0



PROPOSED FLOOR PLAN

SCALE: NTS

$$\frac{2}{1.0}$$



3,450 SQFT OF FLOOR AREA IN MAIN AREA
450 SQFT IN REAR HALLWAY AND BATHROOM/UTILITY AREAS

EXISTING FLOOR PLAN

SCALE: NTS

PROPOSED FLOOR PLAN

SCALE: NTS

EXISTING ELEVATION

SCALE: NTS

PROPOSED ELEVATION

SCALE: NTS



1217931097

Doc#: 1217931097 Fee: \$58.00

Eugene "Gene" Moore

Cook County Recorder of Deeds

Date: 06/27/2012 03:41 PM Pg: 1 of 11

VILLAGE OF LINCOLNWOOD

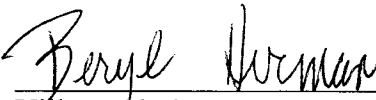
ORDINANCE NO. 2012-3005

**AN ORDINANCE APPROVING AN AMENDMENT TO A SPECIAL USE PERMIT
FOR THE OPERATION OF A PACKAGE GOODS LIQUOR STORE**

(6921-6933 North Lincoln Avenue)

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF LINCOLNWOOD
THIS 5th DAY OF JUNE, 2012.

Published in pamphlet form
by the authority of the
President and Board of Trustees
of the Village of Lincolnwood,
Cook County, Illinois this
5th day of June, 2012



Village Clerk

**AN ORDINANCE APPROVING AN AMENDMENT TO A SPECIAL USE PERMIT
FOR THE OPERATION OF A PACKAGE GOODS LIQUOR STORE**

(6921-6933 North Lincoln Avenue)

WHEREAS, Lincolnwood Commons, LLC ("**Owner**") is the record title owner of that certain property located in the B-1 Restricted Business District ("**B-1 District**"), commonly known as 6921-6933 Lincoln Avenue, and legally described in **Exhibit A** attached to and, by this reference, made a part of this Ordinance ("**Property**"); and

WHEREAS, the Property is improved with a building commonly known as the Lincolnwood Commons Shopping Center ("**Building**"); and

WHEREAS, on January 8, 2009, the Village President and Board of Trustees adopted Ordinance No. 2009-2831, granting a special use permit to TPDS, Inc. d/b/a Lincolnwood Wines & Spirits ("**Applicant**") for the operation of a package goods liquor store ("**Liquor Store**") within the approximately 4,550 square foot retail space in that portion of the Building on the Property commonly known as 6929 Lincoln Avenue ("**Original Permit**"), which Original Permit was amended by the Village President and Board of Trustees on November 5, 2010, pursuant to Ordinance No. Z2010-2914 ("**Amended Permit**") (collectively, the Original Permit and the Amended Permit are the "**Special Use Permit**"); and

WHEREAS, pursuant to Section 5.C of the Special Use Permit, the Village imposed specific restrictions on the operation of the Liquor Store by the Applicant (collectively, the "**Liquor Store Operational Restrictions**"); and

WHEREAS, in accordance with Article V of "The Village of Lincolnwood Zoning Ordinance," as amended ("**Zoning Ordinance**"), the Applicant, with the consent of the Owner, has filed an application to further amend the following Liquor Store Operational Restrictions: (i) Section 5.C.1.b.ii of the Special Use Permit, governing the sale of cheese, specialty foods, and wine accessories ("**Requested Cheese and Food Sales Amendment**"); (ii) Section 5.C.1.b.iii of the Special Use Permit, governing the sale of spirits ("**Requested Spirits Sales Amendment**"); (iii) Section 5.C.1.b.v, governing the use of the cold storage and display cooler ("**Requested Cooler Amendment**"); (iv) Section 5.C.1.g, prohibiting window signage ("**Requested Window Signage Amendment**"); and (v) Section 5.C.2, governing the hours of operation of the Liquor Store ("**Requested Hours of Operation Amendment**") (collectively, the "**Requested Amendments**"); and

WHEREAS, a public hearing of the Plan Commission of the Village of Lincolnwood to consider approval of the Requested Amendments was duly advertised in the *Lincolnwood Review* on February 23, 2012, and conducted on March 14, 2012 and April 4, 2012; and

WHEREAS, at the public hearing on March 14, 2012, the Applicant withdrew the Requested Cheese and Food Sales Amendment, the Requested Cooler Amendment, and the Requested Hours of Operation Amendment; and

Additions are bold and double-underlined; deletions are struck through.

WHEREAS, on April 4, 2012, the Plan Commission made findings and recommendations in support of the Requested Spirits Sales Amendment and the Requested Window Signage Amendment, subject to specified conditions; and

WHEREAS, the Village President and Board of Trustees have determined that the Requested Spirits Sales Amendment and the Requested Window Signage Amendment meet the required standards for special use permits as set forth in Article V of the Zoning Ordinance; and

WHEREAS, the Village President and Board of Trustees have determined that it will serve and be in the best interests of the Village to further amend the Special Use Permit pursuant to the Requested Spirits Sales Amendment and the Requested Window Signage Amendment, subject to the conditions, restrictions, and provisions of this Ordinance;

NOW, THEREFORE, BE IT ORDAINED BY THE VILLAGE PRESIDENT AND BOARD OF TRUSTEES OF LINCOLNWOOD, COOK COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance.

SECTION 2. APPROVAL OF AMENDMENTS. Subject to, and contingent upon, the conditions, restrictions, and provisions set forth in Section Three of this Ordinance, and in accordance with, and pursuant to, Article V of the Zoning Ordinance and the home rule powers of the Village, the Village President and Board of Trustees shall, and do hereby: (i) approve the Requested Spirits Sales Amendment and the Requested Window Signage Amendment; and (ii) amend Section 5.C of the Special Use Permit to read as follows:

"SECTION 5. CONDITIONS. Notwithstanding any use or development right that may be applicable or available pursuant to the provisions of the Zoning Ordinance, the approvals granted pursuant to Sections Two, Three, and Four of this Ordinance shall be, and are hereby, expressly subject to, and contingent upon, the development, use, and maintenance of the Property and the Premises in compliance with each and all of the following conditions:

* * *

C. Conditions Applicable to the Operation of the Liquor Store on the Premises

- 1. Upscale Liquor Store. The Applicant shall take all steps necessary to ensure that the use and operation of the Liquor Store on the Premises is, at all times, consistent with that of an upscale and high-end retail store, in conformance with the representations made by the Applicant to the Village's PC/ZBA and Board of Trustees. Accordingly, the standards that shall be maintained at all times on the Premises shall include, without limitation, the following:**

Additions are bold and double-underlined; deletions are struck through.

- a. **Interior Build-Out.** The interior build-out and furnishings of the Premises shall consist of high-end and upgraded materials as specifically depicted on the plans and renderings that are part of the Interior Build-Out Plan. The Premises shall at all times comply with the Interior Build-out Plan, except for minor changes and site work approved by the Village Community Development Director and the Village Engineer (for matters within their respective permitting authorities) in accordance with all applicable Village standards.
- b. **Restricted Use of Sales Floor.** The sales floor area shall be of the size, and shall be substantially in conformance with the layout, as depicted on the Store Floor Plan ("**Sales Floor**"). The amount of space for which the Sales Floor used for the storage, display, and sale of product type shall be restricted as follows:
 - i. Not less than 1,288 linear feet of shelf space on the Sales Floor shall be used exclusively for the display and sale of bottled wine.
 - ii. Not less than 12 linear feet of shelf space on the Sales Floor shall be used exclusively for the display and sale of cheese, specialty foods, and wine accessories.
 - iii. Not more than 240 **360** linear feet of shelf space on the Sales Floor shall be used for the storage, display or sale of spirits.
 - iv. Not more than 112 linear feet of shelf space on the Sales Floor shall be used for the storage, display or sale of beer.
 - v. Not more than 15 sections, as measured by door openings, of the cold storage and display cooler shall be used for the storage, display or sale of beer.
 - vi. No cases of beer shall be stored or displayed at any location on the Sales Floor, except that not more than six cases of beer may be vertically stored or displayed at the end of each aisle on the Sales Floor.

Additions are bold and double-underlined; deletions are struck through.

- vii. Not more than 96 linear feet of shelf space on the Sales Floor shall be used for the storage, display, or sale of soda and soft drinks.
- c. No Public Access to Cooler. The walk-in portion of the cold storage and display cooler shall be restricted to store employees only.
- d. Wine Expert. Not later than the date that is 60 days after the issuance of a certificate of occupancy for the Premises, the Applicant shall hire one or more individuals who are knowledgeable about, and have been trained in, the sale and purchase of wine, which individuals shall maintain regular hours of employment on the Sales Floor in the Liquor Store.
- e. Prohibited Sales. At no time shall any of the following goods or items be displayed or sold on the Premises:
 - i. Single cans of beer
 - ii. Bottles of spirits containing less than three ounces
 - iii. Lottery tickets of any kind
- f. Restricted Sales and Displays.
 - i. Beer kegs may be sold from the Premises, but at no time shall any beer keg be displayed on the Premises.
 - ii. Cigarettes may be sold from the Premises, but at no time shall any cigarettes be displayed in any portion of the Premises other than the humidor located within the Premises.
- g. Window Signage and Displays Prohibited. Window signs are permitted only in the transom areas of the storefront above the door. All such signs may contain only general text identifying the types of alcoholic liquor sold from the Premises, and shall not advertise or identify: (i) specific brands of alcoholic liquor sold; (ii)

specific prices for the alcoholic liquor; (iii) any discounted or promotional prices for the sale of alcoholic liquor; or (iv) the sale of cigarettes or tobacco products.. ~~No signage of any kind that is visible from any location outside of the Premises shall be allowed in the Premises or on or affixed to any exterior door or window of the Premises. No cans or bottles shall be stored or displayed within three feet of any exterior door or window."~~

* * *

SECTION 3. CONDITIONS. Notwithstanding any use or development right that may be applicable or available pursuant to the provisions of the Zoning Ordinance, the approval granted pursuant to Section Two of this Ordinance shall be, and are hereby, expressly subject to, and contingent upon, the development, use, and maintenance of the Property and the Liquor Store in compliance with each and all of the following conditions:

- A. Compliance with Laws. Except to the extent specifically provided otherwise in this Ordinance or in the Special Use Permit, the development, use, operation, and maintenance of the Property and the Liquor Store shall comply at all times with all applicable Village codes and ordinances, as the same have been or may be amended from time to time.
- B. Reimbursement of Village Costs. In addition to any other costs, payments, fees, charges, contributions, or dedications required under applicable Village codes, ordinances, resolutions, rules, or regulations, the Applicant shall pay to the Village, promptly upon presentation of a written demand or demands therefor, all legal fees, costs, and expenses incurred or accrued in connection with the review, negotiation, preparation, consideration, and review of this Ordinance. Payment of all such fees, costs, and expenses for which demand has been made shall be made by a certified or cashier's check. Further, the Applicant shall be liable for, and shall pay upon demand, all costs incurred by the Village for publications and recordings required in connection with the aforesaid matters.

SECTION 4. CONFLICTING PROVISIONS. Except as provided otherwise in this Ordinance, all terms, provisions, and requirements of the Special Use Permit shall remain unchanged and in full force and effect. In the event of a conflict between this Ordinance and the Special Use Permit, this Ordinance shall control.

SECTION 5. RECORDATION; BINDING EFFECT. A copy of this Ordinance shall be recorded with the Cook County Recorder of Deeds. This Ordinance and the privileges, obligations, and provisions contained herein shall inure solely to the benefit of, and be binding upon, the Owner, the Applicant, and each of their heirs, representatives, successors, and assigns.

Additions are bold and double-underlined; ~~deletions are struck through.~~

SECTION 6. FAILURE TO COMPLY WITH CONDITIONS. Upon the failure or refusal of the Owner or the Applicant to comply with any or all of the conditions, restrictions, or provisions of this Ordinance or of the Special Use Permit, as applicable, the approvals granted in Section Two of this Ordinance and in the Special Use Permit shall, at the sole discretion of the Village President and Board of Trustees, by ordinance duly adopted, be revoked and become null and void; provided, however, that the Village President and Board of Trustees may not so revoke the approvals granted in Section Two of this Ordinance or in the Special Use Permit unless they shall first provide the Owner and the Applicant with two months advance written notice of the reasons for revocation and an opportunity to be heard at a regular meeting of the Village President and Board of Trustees. In the event of revocation, the development and use of the Property shall be governed solely by the regulations of the B-1 District and the applicable provisions of the Zoning Ordinance, as the same may, from time to time, be amended. Further, in the event of such revocation, the Village Administrator and Village Attorney are hereby authorized and directed to bring such zoning enforcement action as may be appropriate under the circumstances.

SECTION 7. AMENDMENTS. Any amendments to the approval granted in Section Two of this Ordinance or to the Special Use Permit that may be requested by the Owner or the Applicant after the effective date of this Ordinance may be granted only pursuant to the procedures, and subject to the standards and limitations, provided in the Zoning Ordinance.

SECTION 8. SEVERABILITY. If any provision of this Ordinance or part thereof is held invalid by a court of competent jurisdiction, the remaining provisions of this Ordinance shall remain in full force and effect, and shall be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Ordinance to the greatest extent permitted by applicable law.

SECTION 9. EFFECTIVE DATE.

- A. This Ordinance shall be effective only upon the occurrence of all of the following events:
 - 1. Passage by the Village President and Board of Trustees in the manner required by law;
 - 2. Publication in pamphlet form in the manner required by law; and
 - 3. The filing by the Applicant with the Village Clerk of an Unconditional Agreement and Consent, in the form of **Exhibit B** attached to and, by this reference, made a part of this Ordinance, to accept and abide by each and all of the terms, conditions, and limitations set forth in this Ordinance and to indemnify the Village for any claims that may arise in connection with the approval of this Ordinance.
- B. In the event that the Applicant does not file fully executed copies of the Unconditional Agreement and Consent, as required by Section 9.A.3 of this Ordinance, within 30 days after the date of final passage of this Ordinance, the

Additions are bold and double-underlined; deletions are struck through.

Village President and Board of Trustees shall have the right, in its sole discretion, to declare this Ordinance null and void and of no force or effect.

PASSED this 5th day of June, 2012.

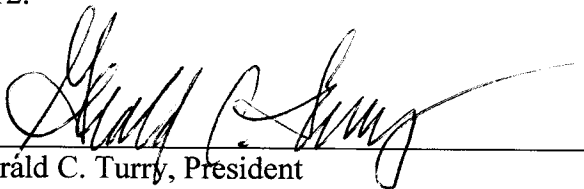
AYES: Trustees Patel, Heidtke, Leftakes, Elster, Sprogis-Marohn, Swanson

NAYS: None

ABSENT: None

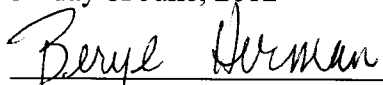
ABSTENTION: None

APPROVED by me this 5th day of June, 2012.



Gerald C. Turry, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office this
5th day of June, 2012



Beryl Herman, Village Clerk
Village of Lincolnwood, Cook County, Illinois

#11159402_v3

Additions are bold and double-underlined; ~~deletions are struck through.~~

EXHIBIT A

LEGAL DESCRIPTION OF THE PROPERTY

LOTS 9, 10, 11, 12, 13, 14, 15, 16, 17, AND LOT 18 (EXCEPT THE NORTH 50 FEET THEREOF) IN BLOCK 4 IN LINCOLN CRAWFORD MANOR, BEING A SUBDIVISION OF THE NORTH $\frac{1}{2}$ OF THE SOUTHEAST $\frac{1}{4}$ OF THE NORTHEAST $\frac{1}{4}$ OF SECTION 34, TOWNSHIP 41 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN TOGETHER WITH THE SOUTHWESTERLY $\frac{1}{2}$ OF THE 16 FT. VACATED ALLEY AS PER DOC. NO. 17828492 AND LYING NORTHEASTERLY OF AFORESAID LOTS, IN COOK COUNTY, ILLINOIS.

Commonly known as: 6921-6933 Lincoln Avenue, Lincolnwood, Illinois.

P.I.N.: 10-34-216-007-0000, 10-34-216-008-0000, 10-34-216-009-0000,
 10-34-216-010-0000, 10-34-216-011-0000, 10-34-216-012-0000,
 10-34-216-013-0000, 10-34-216-014-0000, 10-34-216-015-0000,
 10-34-216-031-0000

EXHIBIT B

UNCONDITIONAL AGREEMENT AND CONSENT

TO: The Village of Lincolnwood, Illinois ("***Village***"):

WHEREAS, Lincolnwood Commons, LLC is the record title owner of that certain property located in the B-1 Restricted Business District ("***B-1 District***"), commonly known as 6921-6933 Lincoln Avenue, in the Village ("***Property***"); and

WHEREAS, TPDS, Inc. d/b/a Lincolnwood Wines & Spirits ("***Applicant***") filed an application to amend its existing special use permit for the operation of a package goods liquor store on the Property (the "***Requested Relief***");

WHEREAS, Ordinance No. 2012-3005, adopted by the Village President and Board of Trustees on June 5, 2012 ("***Ordinance***"), grants the Requested Relief to the Applicant; and

WHEREAS, Section 9 of the Ordinance provides, among other things, that the Ordinance will be of no force or effect unless and until the Applicant shall have filed, within 30 days following the passage of the Ordinance, its unconditional agreement and consent to accept and abide by each and all of the terms, conditions, and limitations set forth in the Ordinance;

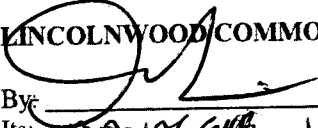
NOW, THEREFORE, the Applicant do hereby agree and covenant as follows:

1. The Applicant does hereby unconditionally agree to, accept, consent to, and abide by each and all of the terms, conditions, limitations, restrictions, and provisions of the Ordinance.
2. The Applicant acknowledges that public notices and hearings have been properly given and held with respect to the adoption of the Ordinance, has considered the possibility of the revocation provided for in the Ordinance, and agrees not to challenge any such revocation on the grounds of any procedural infirmity or a denial of any procedural right.
3. The Applicant acknowledges and agrees that the Village is not and shall not be, in any way, liable for any damages or injuries that may be sustained as a result of the Village's granting of the Requested Relief for the Property or its adoption of the Ordinance, and that the Village's approvals do not, and shall not, in any way, be deemed to insure the Applicant against damage or injury of any kind and at any time.
4. The Applicant shall, and does hereby agree to, hold harmless and indemnify the Village, the Village's corporate authorities, and all Village elected and appointed officials, officers, employees, agents, representatives, and attorneys, from any and all claims that may, at any time, be asserted against any of such parties in connection with the Village's adoption of the Ordinance granting the Requested Relief for the Property.

Dated: June 5, 2012

ATTEST:

By: _____
Its: _____

LINCOLNWOOD COMMONS, LLC
By:  as manager
Its: MANAUELE

ATTEST:

By: _____
Its: _____

TPDS, INC. d/b/a LINCOLNWOOD WINE &
SPIRITS
By: 
Its: manager

Request for Board Action

REFERRED TO BOARD: June 3, 2014

AGENDA ITEM NO: 8

ORIGINATING DEPARTMENT: Community Development

SUBJECT: Consideration of a Recommendation by the Plan Commission Concerning a Moratorium on Residential Development within the Lincoln Avenue Overlay Districts

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

At its May 20, 2014 meeting, the Village Board postponed discussion of this matter. The material below was provided to the Village Board for the May 20, 2014 meeting.

At the July 16, 2013 Committee of the Whole (COTW) meeting, the Committee discussed residential housing in the Lincoln Avenue corridor. The existing Zoning Code regulations pertaining to residential development along Lincoln Avenue have their origins in the recommendation and vision adopted as part of the Lincoln Avenue Task Force (LATF) Report. Certain other recommendations of the LATF Report, such as land use, design requirements, parking requirements, etc. have also been incorporated into the Zoning Code. The LATF Report was adopted by the Village Board and made part of the Village Comprehensive Plan in May 2006.

At the July 16, 2013 COTW meeting, discussion included a possible prohibition on residential developments along Lincoln Avenue. At the conclusion of this discussion, the COTW directed the Plan Commission to hold a Public Hearing to fully review the Lincoln Avenue Task Force Report. As part of this referral, the Village Board requested consideration by the Plan Commission of establishing a moratorium on residential development along the Lincoln Avenue corridor, while the LATF Report is under review by the Commission.

Public Hearing

At its September 11, 2013 meeting, the Plan Commission opened deliberations on the Lincoln Avenue Task Force Report. At this meeting, there was Plan Commission consensus to not enact a moratorium on residential housing within the corridor; however, no formal vote regarding whether to establish a moratorium was taken. Commissioner Fishman indicated he was not in favor of moratoriums as a tool while reviewing Zoning Ordinance regulations. The Commission continued the Hearing on the LATF Report on several occasions but did not take action on the matter of the moratorium until its April 23, 2014 meeting. At this meeting, the Commission reiterated its view that no moratorium on residential development within the corridor was necessary or appropriate while the review of the LATF Report was ongoing. A reason cited for recommending no moratorium include the possibility of buildable sites along Lincoln Avenue that may be appropriate for residential. At the Public Hearing, there was no one from the public who testified on the matter of establishing a moratorium on residential development within the Lincoln Avenue corridor.

Recommendation

At its April 23rd meeting, by a unanimous 5-0 vote, the Plan Commission recommends no moratorium should be established prohibiting residential development within the Lincoln Avenue Overlay Districts.

FINANCIAL IMPACT:

None

DOCUMENTS ATTACHED:

1. Plan Commission Minutes
 - a. April 23, 2014 Excerpt
 - b. February 26, 2014 Excerpt
 - c. January 22, 2014 Excerpt
 - d. December 4, 2013 Excerpt
 - e. October 23, 2013 Excerpt
 - f. September 11, 2013 Excerpt
2. Staff Report to Plan Commission
 - a. Staff Memorandum dated April 17, 2014

RECOMMENDED MOTION:

Move to concur with the recommendation of the Plan Commission concerning a moratorium on Residential Development within Lincoln Avenue Overlay Districts.

Staff concurred that yes, they are onerous and the current standards are described only as being of a “high quality” material. Further, Staff stated that the goal of the Plan Commission is to identify higher design treatments for nonresidential buildings facing any residential areas. Chairman Eisterhold noted that the Plan Commission was unanimous in their support of applying a Special Use requirement for the use of precast materials.

Commissioner Goldfein suggested to Staff if the word aggregate could be included to the precast stone definition. Staff agreed that that will be done.

Motion to Approve Text Amendment relative to commercial design requirements as presented by Staff in the Staff Report dated April 23, 2014 plus the use of precast stone adjacent to residential areas shall be a Special Use and reconfirm previous recommendations from the March 6, 2013 meeting was made by Commissioner Fishman, and Seconded by Commissioner Goldfein.

Aye: Fishman, Goldfein, Jakubowski, Sampen, and Eisterhold

Nay: None

Motion Approved: 5-0

V. Public Hearing: Lincoln Avenue Plan – Amendment to Comprehensive Plan
(Continued from April 2, 2014, February 26, 2014, January 22, 2014,
December 4, 2013, and October 23, 2013)

The discussion encompassed whether there should be a moratorium on multi-family housing within the Lincoln Avenue District. Commissioner Fishman stated that he does not agree with a moratorium and that there are buildable sites along Lincoln Avenue that would be appropriate.

Commissioner Sampen agreed with Commissioner Fishman that there should be no moratorium on multi-family housing, and questioned whether or not multi-family house should require a Special Use instead.

Commissioner Jakubowski questioned if the Shoppes at Lincoln Pointe would have an impact on development of Lincoln Avenue. Commissioner Jakubowski also agreed that there should be no moratorium and concurred with the Special Use application.

Motion to Not Recommend the implementation of a moratorium relative to the Lincoln Avenue Corridor and multi-family housing made by Commissioner Fishman, and Seconded by Commissioner Jakubowski.

Aye: Fishman, Jakubowski, Goldfein, Sampen, and Eisterhold

Nay: None

Motion Approved: 5-0

Regarding the Amendment to the Comprehensive Plan, Commissioner Sampen asked Staff to provide an overview of the key items to be discussed.

Commissioner Jakubowski asked Staff if there were cost estimates regarding the implementation of the Comprehensive Plan and, if so, how does the Village plan to fund these changes. Staff explained that this is an overview of the Village's vision for the future and there are no concrete costs associated with this Plan.

Commissioner Goldfein asked if Mr. Cook could add the Special Use language to the moratorium decision. Staff agreed to this request.

Chairman Eisterhold asked if anybody in the audience would like to address the Plan Commission in any of the above matters. Let the record state that no one came forward.

Motion to Continue to the June 25, 2014 Plan Commission Meeting was made by Commissioner Sampen, and Seconded by Commissioner Fishman.

Aye: Sampen, Fishman, Goldfein, Jakubowski, and Eisterhold

Nay: None

Motion Approved: 5-0

VI. NEXT MEETING:

Chairman Eisterhold declared that the next Plan Commission Meeting will be on Wednesday, May 7, 2014.

VII. ADJOURNMENT:

Hearing no further business, **Motion to Adjourn** was made by Commissioner Sampen, and Seconded by Commissioner Goldfein. Meeting adjourned at 8:45 p.m.

Aye: Sampen, Goldfein, Fishman, Sampen, and Eisterhold

Nay: None

Motion Approved: 5-0

Respectfully Submitted,

Kathryn M. Kasprzyk
Community Development Coordinator

Aye: Yohanna, Jakubowski, Auerbach, Goldfein, Sampen, and Eisterhold
Nay: None
Motion Approved: 6-0

VI. PUBLIC HEARING: Lincoln Avenue Plan – Amendment to Comprehensive Plan

(Continued from January 22, 2014, December 4, 2013, and October 23, 2013)

Motion to Approve Fence Material Regulations was made by Commissioner Yohanna, and
Seconded by Commissioner Jakubowski.

Aye: Yohanna, Jakubowski, Auerbach, Goldfein, Sampen, and Eisterhold
Nay: None
Motion Approved: 6-0

VIII. NEXT MEETING:

Chairman Eisterhold declared that the next Plan Commission Meeting will be held Wednesday, April 2, 2014.

IX. ADJOURNMENT:

Hearing no further business, **Motion to Adjourn** made by Commissioner Auerbach, and Seconded by Commissioner Yohanna. Meeting adjourned at 9:25 p.m.

Aye: Auerbach, Yohanna, Goldfein, Jakubowski, Sampen, and Eisterhold
Nay: None
Motion Approved: 6-0

Respectfully Submitted,



Kathryn M. Kasprzyk
Community Development Coordinator

Aye: Auerbach, Goldfein, Fishman, Sampen, Yohanna, and Eisterhold

Nay: None

Motion Carried: 6-0

VI. PUBLIC HEARING: Lincoln Avenue Plan – Amendment to Comprehensive Plan

(Continued from December 4, 2013 & October 23, 2013)

Request: Moratorium and Amendment to Comprehensive Plan Concerning the Lincoln Avenue Subarea Including but Not Limited to Multi-Family Housing

Motion to Continue to February 26, 2014 by Commissioner Auerbach, and Seconded by Commissioner Goldfein.

Aye: Auerbach, Goldfein, Fishman, Sampen, Yohanna, and Eisterhold

Nay: None

Motion Carried 6-0

VII. PUBLIC HEARING: Fence Material Regulations - Zoning Code Text Amendment

(Continued from December 4, 2013 & November 6, 2013)

Request: Text Amendment to Consider Unacceptable Fence Materials and Fence Design Requirements

Motion to Continue to February 5, 2014 by Commissioner Auerbach, and Seconded by Commissioner Goldfein.

Aye: Auerbach, Goldfein, Fishman, Sampen, Yohanna, and Eisterhold

Nay: None

Motion Carried 6-0

VIII. NEXT MEETING:

Chairman Eisterhold declared the next Plan Commission meeting will be held on Wednesday, February 5, 2014.

IX. ADJOURMENT:

Hearing no further business, **Motion to Adjourn** made by Commissioner Fishman, and Seconded by Commissioner Goldfein. Meeting adjourned at 9:36 p.m.

Aye: Fishman, Goldfein, Auerbach, Sampen, Yohanna, and Eisterhold

Nay: None

Motion Carried: 6-0

Respectfully Submitted,

Kathryn M. Kasprzyk
Community Development Coordinator

Motion to Continue the matter to the January 8, 2014 regularly scheduled meeting by Commissioner Auerbach and seconded by Commissioner Fishman.

Aye: Auerbach, Fishman, Goldfein, Sampen, Yohanna, and Eisterhold

Nay: None

Motion Carried 6-0.

Chairman Eisterhold requested that two Plan Commission meetings will be held in both January and February. The Commission members concurred with the request .

Chairman Eisterhold asked Staff if they could notify Mrs. Glickman regarding the date of the next Plan Commission meeting where the fencing issue will be discussed.

**IV. PUBLIC HEARING: Accessory Structures – Zoning Code Text Amendment
(Continued from September 11, 2013)**

**V. PUBLIC HEARING: Definitions – Zoning Code Text Amendment
(Continued from October 2, 2013)**

**VI. PUBLIC HEARING: Lincoln Avenue Plan – Amendment to Comprehensive
Plan (Continued from September 11, 2013)**

Chairman Eisterhold asked for consensus to continue the remaining three agenda items to the January 22, 2014 Plan Commission meeting. The Commission concurred and voted to continue the three matter by one roll call vote.

Motion to Continue the matter to the January 22, 2014 regularly scheduled meeting by Commissioner Fishman and seconded by Commissioner Auerbach.

Aye: Fishman, Auerbach, Goldfein, Sampen, Yohanna, and Eisterhold

Nay: None

Motion Carried 6-0.

IX. NEXT MEETING

Chairman Eisterhold declared the next Plan Commission meeting will be held on Wednesday, January 8, 2014.

X. PUBLIC COMMENT

None.

XI. ADJOURNMENT:

Hearing no further business, Motion to adjourn made by Commissioner Auerbach and seconded by Commissioner Fishman. Meeting adjourned at 10:05 p.m.

Chairman Eisterhold noting a quorum of five members present, called the meeting to order at 7:05 p.m. Chairman Eisterhold announced that Commissioner Sampen would not be attending tonight's proceedings due to a schedule conflict.

II. PLEDGE OF ALLEGIANCE

III. Approval of Minutes

Motion to approve the September 24, 2013 Plan Commission workshop minutes was made by Commissioner Goldfein and Seconded by Commissioner Yohanna. Motion approved 4-0-1 with Commissioner Auerbach abstaining.

IV. Public Hearing: Lincoln Avenue Plan – Amendment to Comprehensive Plan

Chairman Eisterhold announced the hearing and identified members of the Task Force who were present to participate in the discussion. Mr. Ken Klint, Ms. Renee Silberman, Mr. James Persino introduced themselves.

Mr. Clarke identified the purpose of the referral by the Village Board is to review the entire Lincoln Avenue Task Force Plan. Mr. Clarke added that the referral includes a more specific review of residential along Lincoln Avenue particularly south of Pratt Avenue. Mr. Clarke added that the Village Board also seeks Plan Commission consideration on the appropriateness of adopting a moratorium on residential development while the review of the report occurs. Mr. Clarke presented the history of the focus, process, vision, and outcome of the Task Force. Mr. Clarke reviewed several projects on Lincoln Avenue that were built after the adoption of the LATF Report.

Commissioner Fishman commented indicated that Walgreen's may not have been developed with the LATF Report because the project began prior to the adoption of the Report. Commissioner Fishman stated that has passed and disappointed that what the plan was intended to achieve has not happened. Commissioner Fishman indicated that he believes that the properties on the east side of Lincoln Avenue are different than west side. Commissioner Fishman explained that the properties on the west side have depth where the east side does not. Commissioner Fishman expressed that he does not believe a moratorium is appropriate at this time. Commissioner Fishman stated that condos have provided growth in other communities. Commissioner Fishman stated that he is not in favor of moratoriums.

Chairman Eisterhold stated that the members of the Task Force are present and that the time should be used to hear their comments on the plan.

Mr. Persino agreed that moratoriums are not positive and should not be considered at this time. Mr. Persino indicated that the commercial and residential hub concept was developed after looking at the issue of shallow and odd shaped sites along Lincoln Avenue. Mr. Persino stated that he believes that residential should still be considered. Mr. Persino expressed concern with build-to lines when coupled with building heights. Mr. Persino recommended reviewing a regulation to require buildings two stories or greater to have additional setback requirements in order to avoid "cannon effect". Mr.

Persino indicated that it may be appropriate to review the hubs and the permitted developments within those hubs. Mr. Persino stated that the economic downfall has been responsible for lack of development along Lincoln Avenue as well as odd shaped lots. Mr. Persino identified that in his opinion, lack of development is due to property owners with unrealistic property values. Mr. Persino supported the hub concept as a good idea for the community.

Ms. Silberman recalled that the plan was intended to avoid block after block of car dealerships and other automobile related businesses. Ms. Silberman stated that the Task Force wanted to promote development that is pedestrian friendly and to make crossing Lincoln safer. Ms. Silberman expressed concern that if a moratorium is not adopted that Lincolnwood would be forced into accepting the first applications made in an improving economic climate. Ms. Silberman stated that if the plan isn't reviewed there may be negatives to the community. Ms. Silberman indicated her disappointment in the proposal at Lincoln and Touhy Avenues. Ms. Silberman indicated that she doesn't want Village to be up for sale to first buyers and wants to make sure the community remains upscale. Ms. Silberman stated her general support of a moratorium.

Mr. Klint stated that there were struggles to develop along Lincoln Avenue with the most common new development proposals were car dealerships, car washes, and drive-through banks. Mr. Klint explained that the Task Force began a process to try to guide more development of more desirable uses. Mr. Klint stated that he is unsure if the Task Force envisioned the high density residential that was shown in staff's presentation. Mr. Klint supported a review of the plan and modifications as needed but the plan should not be eliminated. Mr. Klint indicated that the Task Force hoped to encourage land assemblage as well as for the review of making cul de sac streets.

The three former members of the Lincoln Avenue Task Force continued to review some of the recommendations of the plan as well as the goals. Discussion continued regarding the proposed Lincoln and Touhy Avenue development.

Chairman Eisterhold asked how mixed use developments are being perceived in the construction industry. Mr. Persino stated that smaller mixed use projects are difficult. Mr. Persino explained that is why there is an allowance for first floor residential in certain hubs. Mr. Persino agreed that there have been challenges in selling/leasing commercial space while the residential were fully occupied.

Commissioner Fishman stated that planning process and recommendations should be realistic and the property values in Lincolnwood are comparable to Skokie and Niles. Commissioner Fishman stated that planning does not bring development, the marketplace brings development. Commissioner Fishman stated that pedestrians along the entirety of Lincoln Avenue will not happen in near future. Mr. Persino stated that he believes the new development will trigger redevelopment.

Commission Yohanna asked the width of Belmont Avenue in which Mr. Persino described a "cannon effect" previously. Mr. Persino stated that Belmont Avenue is two

drive lanes with a parking lane on each side. Mr. Yohanna asked if Belmont Avenue is as wide as Lincoln Avenue. Mr. Persino stated that Lincoln Avenue is wider.

Chairman Eisterhold asked if there was anyone in the audience that wished to address the matter. There were none.

Motion to Continue the matter to the December 4, 2013 regularly scheduled meeting by Commissioner Yohanna and Seconded by Commissioner Fishman.

Aye: Yohanna, Fishman, Auerbach, Goldfein, and Eisterhold

Nay: None

Motion Carried 5-0.

The Commission went into a public meeting for the purposes of holding a workshop to discuss the concept plan for redevelopment at the former Purple Hotel site.

III. Workshop: Concept Plan for Purple Hotel Site

Mr. Callahan introduced how their presentation will proceed. Mr. Callahan indicated that there have been some modifications to the site plan. Mr. Callahan indicated that they have also attended several community meetings in addition to the Plan Commission Workshops.

Mr. Stein announced that Marriott International approved a Springhill Suites franchise license at the project. Mr. Stein indicated that green roofs were identified as desirable by those during community meetings. Mr. Stein added that traffic concerns were also raised. Mr. Stein indicated that residents along Chase Avenue wondered if blocking Chase at Lincoln Avenue is needed. Mr. Stein stated that he is not in favor of the idea of cutting street off completely because of development. Mr. Stein explained that the proposed residential building has been eliminated from the plans. Mr. Stein stated that the residential was included because the Lincoln Avenue Task Force report identified residential. Mr. Stein acknowledged that the desire for residential on Lincoln Avenue may be changing. Mr. Stein indicated that they now believe it is best to maintain office building which would be included in the PUD.

Mr. Glickman presented an update on the leasing of approximately 190,000 square feet of space. Mr. Glickman advised of discussion with grocers, health clubs, restaurants and retailers. Mr. Glickman stated that they have 10 letters of intent. Mr. Glickman stated that there is more interest from restaurants than the available restaurant space within the development.

Chairman Eisterhold asked about previous comment relative to anchor stores. Chairman Eisterhold asked for an explanation on market changes and site requirements. Mr. Glickman stated that the site does not warrant a department store anchor. Mr. Glickman explained that there are not many department stores remaining and of them few are expanding. Mr. Glickman added that there is not enough space on the site for a department store and the demographics don't warrant a department store.

Chairman Eisterhold thanked Ms. Armstrong for her assistance and for attending the meeting to discuss.

Motion to Continue the matter to the November 6, 2013 regularly scheduled meeting by Commissioner Goldfein and Seconded by Commissioner Sampen.

Aye: Goldfein, Sampen, Fishman, and Eisterhold

Nay: None

Motion Carried 4-0.

VI. PUBLIC HEARING: Health Club or Private Recreation and Firearms Shooting Ranges – Zoning Code Text Amendment (*Continued from July 10, 2013, May 1, 2013, March 6, 2013 and February 6, 2013*)

Motion to Continue the matter to the November 6, 2013 regularly scheduled meeting by Commissioner Sampen and Seconded by Commissioner Goldfein.

Aye: Sampen, Goldfein, Fishman, and Eisterhold

Nay: None

Motion Carried 4-0.

VII. PUBLIC HEARING: Accessory Structures – Zoning Code Text Amendment (*Continued from July 10, 2013, June 5, 2013, May 1, 2013, March 6, 2013 & February 6, 2013*)

Motion to Continue the matter to the December 4, 2013 regularly scheduled meeting by Commissioner Sampen and Seconded by Commissioner Fishman.

Aye: Sampen, Fishman, Goldfein, and Eisterhold

Nay: None

Motion Carried 4-0.

Commissioner Sampen left the Plan Commission Meeting.

VIII. PUBLIC HEARING: Lincoln Avenue Plan – Amendment to Comprehensive Plan

Chairman Eisterhold stated that the Plan Commission should invite the members of the Lincoln Avenue Task Force who made recommendations in the adopted plan to attend a Plan Commission meeting. Commissioner Goldfein suggested the matter be continued to the October workshop date.

Mr. Cook clarified the staff report relative to the open item of adopting a moratorium on residential development along Lincoln Avenue. Chairman Eisterhold asked if there were any pending residential applications for residential on Lincoln Avenue. Mr. Cook stated that there are no applications in to the Village. Mr. Cook added that moratoriums should not be in place for long periods of time. Commissioner Fishman indicated that he is not in favor of imposing a moratorium. Commissioner Fishman stated a review of the various sites along Lincoln Avenue is appropriate rather than universally prohibiting residential along Lincoln Avenue.

Chairman Eisterhold stated that consensus of the Commission to not impose a moratorium.

Staff recommended the Plan Commission meet with the Task Force members at the earliest opportunity.

Motion to Continue the matter to the October 23, 2013 meeting by Commissioner Fishman and Seconded by Commissioner Goldfein.

Aye: Fishman, Goldfein, and Eisterhold

Nay: None

Motion Carried 3-0.

IX. OTHER BUSINESS:

Public Hearing Procedures will discuss at a future meeting.

X. NEXT MEETING

Staff reminded the Commission of a Workshop meeting scheduled for Tuesday September 24, 2013.

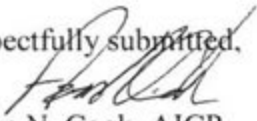
XI. PUBLIC COMMENT

None.

XII. ADJOURNMENT:

Hearing no further business, Motion to adjourn made by Commissioner Fishman and Seconded by Commissioner Goldfein. Motion approved unanimously 3-0. Meeting adjourned at 9:52 PM.

Respectfully submitted,


Aaron N. Cook, AICP
Development Manager



MEMORANDUM

TO: Chairman Eisterhold
Members of the Plan Commission

FROM: Aaron N. Cook, AICP
Development Manager

DATE: April 17, 2014

SUBJECT: **Comprehensive Plan Amendment – Review of Lincoln Avenue Task Force Report** *(Continued from April 2, 2014, February 26, 2014, January 22, 2014, December 4, 2013, October 23, 2013, and September 11, 2013)*

Note: Below is the summary provided at the April 2, 2014, February 26, 2014, January 22, 2014, December 4, 2013 and October 23, 2013 Plan Commission meeting. At the October 23rd meeting the Plan Commission heard from three members of the Lincoln Avenue Task Force. At the December 4th meeting, the Plan Commission continued this matter without discussion to the January 22, 2014 meeting.

At the Committee of the Whole (COTW) meeting of July 16, 2013, the Committee discussed multi-family housing in the Lincoln Avenue corridor. The Zoning Code regulations for housing along Lincoln Avenue have their origins in the recommendation and vision adopted as part of the Lincoln Avenue Task Force (LATF) Report. Certain other recommendations of the LATF Report such as land use, design requirements, parking requirements, etc. have been incorporated into the Zoning Code. The LATF Report was adopted and made part of the Comprehensive Plan in May 2006.

At the July 16th COTW meeting, discussion included a possible prohibition on residential developments along Lincoln Avenue which is not consistent with the Zoning Code or the Comprehensive Plan. Trustee Cope indicated his concern over residential developments along Lincoln Avenue include excessive building height, increased traffic generation, and decreased property values. Rather than focus on the housing recommendations only, several trustees recommended a full review of the LATF Report. At the conclusion of the July 16th discussion, the COTW directed the Plan Commission to hold a public hearing to fully review the Lincoln Avenue Task Force Report. As part of this referral, the Village Board requests consideration by the Plan Commission to place a moratorium on residential development along the Lincoln Avenue corridor while the LATF Report is under review.

At the September 11th Plan Commission meeting the members should be prepared to 1) recommend to the Village Board on adopting a moratorium on residential development along the Lincoln Avenue corridor and 2) discuss the LATF Report beginning with the recommendations relative to residential development but also the report as a whole. Upon completion of the review of the LATF Report, if recommendations are made to change the findings of the Report, it is likely that the text of the Zoning Code will need to be amended to ensure consistency between the Comprehensive Plan and the Zoning Code.

Attachments:

1. July 16, 2013 Committee of the Whole Minutes
2. Ordinance No. 2006-2710: An Ordinance Amendment the Village of Lincolnwood's Comprehensive Plan to Incorporate the Report and Recommendations of the Lincoln Avenue Task Force

indicated that NCG does not object to expanding the TIF District. Mr. Elrod informed the Village Board that his staff would prepare a Resolution for consideration at the August 20 Village Board meeting which would confirm that NCG is paying for the study and authorizing staff to proceed.

3. Discussion Concerning the Purple Hotel Site Restoration Standards

The item was presented by Mr. Cook who indicated that the Pre-Development agreement between NCG and the Village for the Purple Hotel expired on July 1, 2013. NCG is requesting reinstatement of the agreement plus additional items. Staff is recommending that NCG be required to submit for land-use relief no later than December 1, 2013, receive land-use approval no later than July 1, 2014, and be permitted to extend site restoration waivers for the adjoining properties until July 1, 2014. Mr. Firsell reported that all asbestos had been abated from the Purple Hotel and the demolition contractor is ready to begin demolishing the building. Mr. Stein indicated that the only items which are pending are the pre-development agreement and the Illinois Department of Transportation's approval. Discussion ensued. The Village Board directed that the subcommittee of Trustees Elster and Patel convene a meeting to discuss the terms of the new pre-development agreement.

4. Discussion Concerning the Design Standards for Non-Residential Structures

The item was presented by Mr. Cook. On April 16, 2013, the Village Board considered a recommendation by the Plan Commission concerning proposed changes to the Village's design standards for non-residential buildings. These design standards are commonly referred to as the Village's masonry requirements. In considering this matter at the April 16, 2013 meeting, the Village Board referred this item to the Committee on Ordinances, Rules & Buildings (CORB) for further deliberation. The Plan Commission recommendation on this matter included the following:

1. Eliminating "Masonry Only" requirement from the Lincoln Avenue Overlay District
2. Establish that the exterior walls of non-residential buildings be constructed with a minimum of 75% "high quality materials". This includes a requirement that from the ground level to the top of the first floor windows must be constructed entirely of "high quality materials"
3. Establish a list of permitted "high quality materials" which includes:
 - 1) Brick with a minimum thickness of 2.25 inches
 - 2) Natural stone
 - 3) Sandstone
 - 4) Other native stone
 - 5) Pre-cast decorative stone
 - 6) Glass
4. Add definitions for Brick, Decorative Concrete Block, Masonry, and Stone; and
5. Add *Exterior Insulation Finishing Systems ("EIFS")* and *metal and vinyl lap board siding* as specifically prohibited materials.

CORB considered this matter at its June 11, 2013 meeting and now seeks to have the COTW consider its recommendations on this matter. Discussion ensued. The Village Board referred CORB's recommendation to the Plan Commission for their consideration.

5. Discussion Concerning Multi-Family Housing Zoning in the Lincoln Avenue Corridor

The item was introduced by Mr. Wiberg who indicated that Trustee Cope requested the discussion of multi-family on Lincoln Avenue be discussed at the Committee of the Whole. Mr. Cook indicated that zoning for multi-family housing was the result of the Lincoln Avenue Task Force Plan and provided further background on the matter. Trustee Cope indicated his opposition to allowing the condo development on 6535 North Lincoln Avenue with concerns relating to height, traffic, and affecting other area property values. He proposed prohibiting such developments from Lincoln Avenue in the future and for the Village to place a moratorium in the immediate term. Trustee Patel suggested that the Plan Commission review the Lincoln Avenue Task Force Plan in its entirety. Mr. Cook recommended that the Comprehensive Plan be reviewed first. The Village Board concurred. The matter of reviewing the Plan and placing a moratorium on multi-family housing on Lincoln Avenue was referred to the Plan Commission.

Adjournment

VILLAGE OF LINCOLNWOOD

ORDINANCE NO. 2006 2710

**AN ORDINANCE AMENDING THE VILLAGE OF LINCOLNWOOD'S COMPREHENSIVE
PLAN TO INCORPORATE THE REPORT AND RECOMMENDATIONS OF THE LINCOLN
AVENUE TASK FORCE**

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF LINCOLNWOOD
THIS 18TH DAY OF MAY, 2006

ORDINANCE NO. 2006-2710

AN ORDINANCE AMENDING THE VILLAGE OF LINCOLNWOOD'S COMPREHENSIVE PLAN TO INCORPORATE THE REPORT AND RECOMMENDATIONS OF THE LINCOLN AVENUE TASK FORCE

WHEREAS, the Village of Lincolnwood (the "Village") is a home rule municipality in accordance with Article VII Section 6(a) of the Constitution of the State of Illinois of 1970;

WHEREAS, the Village has the authority to adopt ordinances and to promulgate rules and regulations that pertain to its government and affairs;

WHEREAS, on November 1, 2001, the Village Board adopted the Village of Lincolnwood Comprehensive Plan (the "Comprehensive Plan");

WHEREAS, the Comprehensive Plan includes, but is not limited to, a policy guide for future Village Board decisions concerning land use within the Village;

WHEREAS, subsequent to the adoption of the Comprehensive Plan, the Village created the Lincoln Avenue Task Force (the "Task Force") to propose a plan for retail redevelopment of properties along the Lincoln Avenue Corridor (the "Corridor") that would be attractive and image enhancing, providing residents with a safe, convenient and pedestrian-friendly environment;

WHEREAS, in November, 2005, the Task Force completed its report and recommendations, with exhibits (the "Report") for enhancement and redevelopment of the Corridor;

WHEREAS, on April 19, 2006, pursuant to a timely, legal notice of public hearing published in the *Lincolnwood Review*, the Task Force presented the Report to the Plan Commission for its review, consideration and recommendation to the Village Board regarding incorporating the Report into the Comprehensive Plan;

WHEREAS, at the April 19, 2006, public hearing all interested persons were allowed the opportunity to present their views regarding the Report, pro and con, to the Plan Commission;

WHEREAS, subsequent to the April 19, 2006, public hearing, the Plan Commission made a recommendation to the Village Board to incorporate the Report into the Comprehensive Plan;

WHEREAS, the Report is attached hereto and incorporated herein by reference as Exhibit A;

WHEREAS, the Village Board reviewed the Report and recommendation of the Plan Commission and determined that it is in the public interest and will promote the public health, safety and welfare of the Village and its residents if the Report is incorporated into the Comprehensive Plan.

NOW, THEREFORE, BE IT ORDAINED by the President and the Trustees of the Village Board as follows:

Section 1. The facts and statements contained in the preamble to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance.

Section 2. The Report attached hereto as Exhibit A is hereby incorporated into and made a part of the Comprehensive Plan as Appendix G.

Section 3. In the event there are any inconsistencies between the Comprehensive Plan and the Report, the Report shall control.

Section 4. In all other respects, the Comprehensive Plan shall remain the same.

Section 5. If any section, paragraph or provision of this Ordinance shall be held to be invalid or unenforceable for any reason, the invalidity or unenforceability of such section, paragraph or provision shall not affect any of the remaining provisions of this Ordinance.

Section 6. This Ordinance shall be in full force and effect from and after its passage and approval according to law.

PASSED this 18th day of May, 2006.

AYES: Trustees Froman, Heidtke, Lebovits, Elster, Sprogis-Marohn
and Leftakes

NAYS: None

ABSENT: None

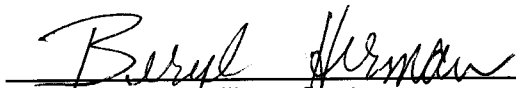
ABSTENTION: None

APPROVED by me this 18th day of May, 2006.



Gerald C. Turry, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office the
18th day of May, 2006.



Beryl Herman, Village Clerk
Village of Lincolnwood, Cook County, Illinois

EXHIBIT A

Copy of the Lincoln Avenue Corridor Report and Recommendations
of the Lincoln Avenue Task Force

(See Attached)

Lincoln Avenue Corridor



Report and Recommendations of the Lincoln Avenue Task Force

**Village of Lincolnwood
November 2005**

Lincoln Avenue Task Force Members

James V. Persino, Chairman

Member and Chair, Lincolnwood Economic Development Commission

Mary Couzin

Member, Lincolnwood Plan Commission and past Village Trustee

Maureen Ehrenberg

Member, Lincolnwood Economic Development Commission

Lawrence Elster

Village Trustee

Kenneth Klint

Member, Lincolnwood Plan Commission

Renee Silberman

Resident at -large

Renee Sprogis-Marohn

Village Trustee

Staff Assistance

Timothy M. Clarke, AICP
Community Development Director

Consultation Provided

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Executive Summary

We present to you a bold and dynamic plan for Lincoln Avenue. When fully implemented, we believe this plan will result in an attractive corridor and desirable main street for our community. This report is intended to set out the necessary public actions and to guide private reinvestment and redevelopment in order to achieve the dynamic vision we have for the Corridor.

In formulating our recommendations, the Lincoln Avenue Task Force studied the redevelopment and revitalization efforts of a number of communities, including Park Ridge, Deerfield, Mount Prospect and Glenview. While our recommendations embody a bold and dynamic vision for the future of Lincoln Avenue, one which incorporates cutting-edge planning principles, these measures we recommend have been tested and proven successful elsewhere.

The central focus guiding our work has been to foster redevelopment of properties along the corridor which are both attractive and image enhancing, creating retail districts which provide residents with a safe, convenient, attractive and pedestrian friendly environment.

First, our plan calls for a dramatically different land use pattern for the corridor and we recommend significant land use changes to Village code. Specifically, we recommend creating three business districts along the Lincoln Avenue Corridor: one at Devon Avenue, another at Pratt and Crawford Avenues, and a third at Touhy Avenue. Pedestrian oriented retail is called for as the primary ground-floor use in these areas. We envision businesses such as bookstores, galleries, bistros, restaurants, coffee and ice cream shops, boutiques and other specialty retail stores enlivening these business nodes. Our plan also calls for mixed-use development in these business nodes, with upper floors of residential or office uses, to foster redevelopment and to encourage a lively, pedestrian-friendly atmosphere.

At Touhy Avenue, our plan envisions creation of a downtown center for our community, having ground floor retail, community gathering spaces and such anchor uses as a boutique hotel, sit-down restaurants, or entertainment venues. On upper floors, as well as between the three business nodes, our plan calls for introduction of residential development in the corridor.

Second, our plan calls for enhancements to the public right-of-way to improve public safety, create ambiance, and foster a strong sense of place. We recommend designating a parking lane on Lincoln Avenue; improving pedestrian crosswalks; and continuing efforts to restore parkways and to complete the median landscaping project. Most important, we call for a specific streetscape plan to be developed, which would include new streetlights and identifying street furniture and other urban design amenities and elements for the corridor. A bold but longer range component of our plan calls for creating new open spaces and focal points, such as towers or monuments in the corridor at key locations.

Third, we believe that the shape and form of new development in the corridor is critical. Therefore, our plan embraces neo-traditional planning and new urbanism concepts for new development along Lincoln Avenue. In this regard, we call for a set of new development regulations which will regulate the shape and the form of new buildings and private development in the corridor. These “form-based” recommendations for instance call for new buildings along Lincoln Avenue to be parallel to and positioned close to the street, with new off street parking located toward the rear. We recommend additional form based regulations in our report and to assist developers in meeting our vision, we also call for the creation of an illustrated architectural design handbook to guide new building development in the corridor.

Our vision for Lincoln Avenue is exciting and our work has set out many recommendations, both broad and specific. Execution will require a number of actions in order for our vision to become a reality. With Village government dedicated to the vision we present, we believe the Lincoln Avenue Corridor can truly become a main street for our community.

Report and Recommendations for a New Lincoln Avenue Corridor

Introduction

Background of Task Force

The Lincoln Avenue Task Force is an outgrowth of discussions first held in 2002 by the Village's Economic Development Commission. These discussions quickly expanded to include the Village's Plan Commission and a joint meeting of these bodies was held in the fall of 2002 to discuss Lincoln Avenue and its future. The result was a recommendation that a task force be established to consider the challenges, assets and possibilities for the Lincoln Avenue Corridor. President Peter Moy, with consent of the Village Board, subsequently established the Lincoln Avenue Task Force to undertake this work.

The seven-member appointed Task Force is comprised of two members from each of the following bodies: the Village Board, the Plan Commission, and the Economic Development Commission, with one citizen-at-large member completing the roster. Primary staff assistance to the Task Force has been provided by the Community Development Director, with technical and field support provided by key members of the Building Department. The work of the Task Force has been further assisted with an engagement of Land Vision Inc., an urban planning and design firm.

In performing its charge, the Task Force examined many elements. These ranged from conducting a windshield survey of current conditions along Lincoln Avenue; studying the redevelopment efforts of other communities such as Glenview, Deerfield, Park Ridge and Mount Prospect; seeking community input through an Image Preference Survey and conducting and soliciting additional public input in a Town Meeting setting.

The work of the Task Force has resulted in a bold and dynamic plan which will transform the Lincoln Avenue Corridor into a valuable asset for the community.

History of Corridor

Little is written about the origins of Lincoln Avenue. It is known that Lincoln Avenue began as one of the early roads linking Chicago northward to the rural farm areas of Illinois and beyond. Some of the very first businesses in the Village opened along this road, some reportedly to be out of the reach of city restrictions. As Chicago's population expanded outward and traffic increased, so did use of Lincoln Avenue and over time it became a major artery into and out of the City.

Although records are limited, most initial development along Lincoln Avenue in the Village appears to have occurred between the end of World War II and the mid 1960's. With the opening of the Edens Expressway in the 1950's however, Lincoln Avenue's role as a major thoroughfare declined. Just south of the Village, a string of 1950's-1960's era motels still can be found, testament to Lincoln Avenue's history as a major artery before the advent of the Edens.

Existing Development Pattern

The existing development pattern along Lincoln Avenue can be characterized as an auto dependent form of commercial strip. Much of the initial development of this strip occurred at a time when the automobile was beginning to exert a dominant force on land use in America. Unlike areas of Chicago, Evanston, or rail towns like Park Ridge, Lincolnwood and Lincoln Avenue developed without street cars, rail stations, mass transit or the influence of great numbers of pedestrians. With the lack of any significant mass transit, specific business hubs, or a semblance of a central gathering location, the corridor became a long, nearly continuous stretch of commercial development, dependent mainly on access by automobile.

This development pattern occurred prior to the now common phenomenon of multi-car families. Traffic and parking demands in the corridor at the time of its initial development were much less than they are today. Developments during this period often had only a limited number of off street parking spaces, generally arranged along the front of the building and sometimes evolving into a continuous curb cut onto Lincoln Avenue.

Although the Lincoln Avenue Corridor is nearly a continuous strip of businesses from Devon Avenue to Jarvis Avenue, the character of the street changes significantly, albeit gradually, from south to north. At its south end, near the border with Chicago, land uses along Lincoln Avenue tend to be more varied, including auto repair shops, older strip retail centers with continuous curb cuts, and a storage facility. Developments along this stretch of Lincoln Avenue tend to be older, more functionally obsolete in nature and contain more marginal and less intensive uses than areas north. The middle section of Lincoln Avenue, roughly from the rail crossing near Hamlin Avenue to Touhy Avenue, contains a mix of uses, including more current and intense development. This area has multi-story office and bank buildings, automobile dealerships, restaurants, renovated strip centers and community institutional uses such as Village Hall, the Library and Proesel Park. North of Touhy Avenue, to the Village's boundary with Skokie, Lincoln Avenue is primarily comprised of office buildings.

The Task Force found that, except for the office corridor north of Touhy Avenue, the existing development pattern on Lincoln Avenue was aging, many uses were marginal, and the corridor was not functioning as a vibrant main street of the community.

Challenges and Assets of Corridor

Lincoln Avenue presents a number of challenges and assets to its revitalization. First, Lincoln Avenue runs through the Village on a diagonal to the overall grid system of

streets. This results in a number of odd or irregularly shaped parcels at various corners which can inhibit typical development. Moreover, many of the parcels fronting along Lincoln have rather short depths, limiting to a degree their usefulness and redevelopment potential. This is compounded by the close proximity of single family homes to the corridor, some of which utilize shared alleyways with Lincoln Avenue properties and others which have no alley whatsoever.

Much of the existing development along the street was developed without adequate barriers or buffering measures with residential areas. This lack of buffering combined with short parcel depths and irregular parcel configurations can and often has produced land use conflicts. Recently however, the Village has strengthened its zoning code to require landscape buffering of business properties from residential areas. Where space is too constrained for landscape buffers, barrier walls are now required for new development. The implementation of these new standards for buffering should be continued and should help reduce land use conflicts within the corridor.

Lincoln Avenue itself is a relatively wide right-of-way corridor, averaging between 90 – 100 feet in width throughout its length in the Village. Existing conditions in the right-of-way, coupled with its physical width, currently inhibit safe pedestrian crossings and help aid in the dominance of the auto in the corridor. The conditions and width of this right-of-way, currently an impediment to a pedestrian friendly environment, can however be smartly designed to create a unique sense of place and a friendly pedestrian environment. With the creation of a designated parking lane for instance and a thoughtful streetscape design, this wide right-of-way can be utilized and tapped as an asset in the redevelopment of the corridor.

Another untapped asset of the corridor is the immediate market. Lincolnwood is an affluent community and with Lincoln Avenue running through its center, an attractive local market exists. Nonetheless, many marginal uses currently exist in the corridor. With changes to the Village's zoning code to encourage, for instance, restaurants and higher end retailers to locate in the corridor, this local market can be tapped to both serve the community and assist in the corridor's redevelopment.

A further asset which the Village can play upon is the recent and ongoing redevelopment and revitalization efforts occurring immediately south of the Village, along the corridor in the City of Chicago. Recently, a number of existing developments, including the Lincoln Village Shopping Center as well as the conversion of a Kmart store into a Home Depot, have resulted in significant revitalization. Moreover, the City of Chicago has recently acquired a few of the older motel properties, converting these to parks or other uses. And south of Peterson Avenue, new housing in the corridor has recently been constructed.

Vision for the New

Lincoln Avenue Corridor

We envision the Lincoln Avenue corridor as a vibrant Main Street through our Village. We see it not only as the centerpiece and spine of the community; it is also the entryway into the many residential neighborhoods of the Village. Major Village institutions, such as Village government, the public library, community center and local schools, are located along the street or very nearby. Lincoln Avenue is central to life in the Village.

We envision that as Lincoln Avenue enters the Village from Chicago, the character of the street changes dramatically, being readily apparent to the passerby that they have left behind the big city and have entered a high quality suburb. A landscaped median, new street lights, attractive signs, public sculpture and pedestrian friendly features including easy to use crosswalks and a marked parking lane, are evident and add to the sense that Lincoln Avenue is the Main Street of an upscale community.

Instead of a long continuous commercial strip as presently exists, hubs of activity have been created along Lincoln Avenue, primarily located at major intersections. These activity hubs include ground level retail in high quality, architecturally significant buildings with adequate customer parking, tasteful business signs and attractive landscaping. Comprised of restaurants, ice cream and coffee shops and boutique retail stores, these areas serve the immediate neighboring residential areas and the community as a whole and may include second or third story residential units.

Between these hubs of retail dotting Lincoln Avenue, new housing has been added to already existing bank buildings and office complexes, to replace tired strip centers, auto garages, storage facilities or other obsolete buildings and uses. We envision this in-fill housing as no higher than three stories, with appropriate green space and comprised of attractive townhouse, 3-flat, or small condominium buildings and developments. We see this new low density in-fill housing as providing on-the-one-hand, an attractive entryway into the adjoining single family residential areas, and on-the-other hand, a buffering and transitional use from the business areas and Lincoln Avenue itself to the nearby single family neighborhoods.

While Lincoln Avenue is still a major thoroughfare through the community, through much work, it has been transformed to be more pedestrian friendly and less auto dominated. Instead of a rapid auto path akin to an expressway and a barrier separating Lincolnwood's neighborhoods, the new Lincoln Avenue links neighborhoods together, bringing the Village together at its major institutions and becoming the main street of our community.

Recommendations

The Task Force's recommendations below are divided into two major sections. The first section, Public Streets and Spaces, recommends actions and improvements in the public right-of-way which can help to create a pedestrian-friendly environment and foster a real sense of place. In this section, improved green space, wider sidewalks, new street lights, various urban design elements, as well as slower traffic speeds and eye-catching focal points are recommended to enhance the streetscape and invite residents and shoppers to the corridor. These are improvements which can be undertaken in the public right of way, by the Village in concert with the Illinois Department of Transportation (IDOT).

The second major section of our recommendations, Development Regulations and Guidelines, relates to controls on private property and new development in the corridor. The appearance, location and mix of businesses and residences along the corridor shape perceptions and use. To achieve our vision, this section recommends changes in the Village's existing land use regulations, creation of new form-based regulations and creation of design guidelines which will not only encourage private reinvestment, but will aid in shaping it. Together and in tandem, we believe these set of recommendations will help the Village create a new sense of place and achieve the vision we have for the Corridor.

I. Public Streets and Spaces

Creating an attractive, vibrant and pedestrian-oriented environment in the public right-of-way is an essential element of the Lincoln Avenue Corridor Plan. This plan reinforces many of the Village's ongoing and recently begun initiatives, such as median landscaping and parkway restoration. It also recommends a number of new initiatives, such as creating a designated parking lane and the creation of a coordinated streetscape, including installation of new street lights and street furniture. Long term, the plan calls for creating three public plazas and/or visual focal points along the corridor.

While the plan emphasizes pedestrian orientation and creating pedestrian spaces, it recognizes that Lincoln Avenue is and will remain a major and important thoroughfare in the community. By undertaking attractive pedestrian enhancements, along with the other recommendations of this plan, Lincoln Avenue can become the main street for the Village. Since it is a state controlled street, coordination with the Illinois Department of Transportation (IDOT) is essential and will be required to undertake and implement these recommendations to the right-of-way.

The following are specific recommendations regarding public streets and spaces.

• **Complete Median Landscaping**

In the late 1990's, the Village initiated landscape improvements for the medians of Lincoln Avenue. This multi-year project is continuing. Median landscaping enhances the attractiveness of the corridor and creates positive perceptions of the corridor and community.

Recommendation: Continue and complete median landscaping throughout the corridor.

• **Continue Parkway Restoration**

In 2002 the Village created standards for parkways which include the placement of trees every 25 feet in the parkway and a pervious surface of sod or vegetative ground cover. Until these standards were instituted, parkways in the Village's business areas, including Lincoln Avenue, were essentially allowed to be treated by the adjoining owner as they so desired, providing no cohesion in the corridor and producing a visually cluttered, haphazard, disjointed and unkempt appearance. Moreover, in some sections, parkway areas have been essentially confiscated and turned into long continuous driveway curb cuts that directly access off-street private parking spaces, creating large stretches of impervious surfaces devoid of street trees. This situation conflicts with pedestrian use of public sidewalks and severely affects pedestrian safety. The restoration of parkways and public sidewalks, consistent with the recently established parkway standards, is an essential element toward improving the corridor. Parkway restoration should be diligently pursued, undertaken and implemented whenever possible.

Recommendation: Diligently pursue parkway restoration whenever possible along Lincoln Avenue, including tree planting and sidewalk restoration.

• **Improve Pedestrian Crosswalks**

Currently, many of the marked crosswalks across Lincoln Avenue do not provide the pedestrian with the shortest possible crossing distance for safety. Pedestrians are in the path of traffic for longer periods of time than necessary. To enhance the pedestrian environment and safety, conscious efforts should be undertaken to create highly visible marked crosswalks utilizing the shortest distance possible. The creation of intersection bump outs (described below) will further aid in reducing crosswalk distances, improving public safety and encouraging pedestrian use.

Recommendation: Enhance crosswalk markings and designations, including signage.

• **Create a Designated Parking Lane**

Currently, parking is generally permitted along the entire length of the corridor, although it is not well marked as such. Only in a few concentrated areas, such as in the vicinity of Air Room, is street parking now commonplace. Creation of designated parking lanes on both sides of Lincoln Avenue would help slow traffic and support active retail uses.

The width of the Lincoln Avenue street corridor currently allows for creation of this parking lane. Initially, such a parking lane could be achieved relatively inexpensively through painted striping and signage. A more long term, lasting and beneficial

improvement is to create curbed “bump outs” at intersections. Such bump-out areas essentially bring the sidewalk/pedestrian area of the public right-of-way out into the parking lane, approximately 8-9 feet toward the traffic lanes. Bump outs increase public safety and enhance the pedestrian environment. Specifically, bump outs at intersections: 1) protect and better define the beginning and end of the parking lane between intersections; and, 2) physically shorten the distance for pedestrians crossing Lincoln Avenue. In some areas, additional mid-block bump outs might be desirable to visually break up long parking lane stretches. Moreover, certain urban design features could be added to these new pedestrian spaces. Items such as decorative brick pavers, lighting, benches, bicycle racks, additional landscaping, newspaper vending machines, or even public art could be incorporated into these spaces.

Recommendation: Create a designated, marked parking lane with pedestrian bump outs.

• **Reduce Traffic Speed**

High speed traffic is not conducive to either a pedestrian environment, or to residential or retail uses. Physical changes such as instituting a parking lane with bump outs, in and of itself, will likely reduce speed to some extent, both because driving lane widths will be perceived to be narrower and because of parking movement maneuvers slowing the speed of traffic.

Although no formal traffic study was commissioned as part of this work, traffic observations in the corridor suggest that much of existing Lincoln Avenue traffic, particularly during rush hour, is essentially “cut-through” traffic generated by Chicago residents seeking a quicker way to the Edens Expressway. This is suggested by two left turn lanes on Lincoln for westbound Touhy Avenue and two left turn lanes on Lincoln in Chicago for eastbound Peterson Avenue. Cut through traffic, particularly related to rush hour periods and home-to-work trips, typically consists of drivers intent on minimizing time. Slowing down Lincoln Avenue traffic in Lincolnwood would result in lengthened drive times for such drivers, deterring some traffic and making alternative routes more attractive.

By slowing down traffic, pedestrian safety is enhanced and greater visual observation by motorists is achieved. Businesses in the corridor will be more visible to the motorist and businesses will be better able to capitalize on impulse shopping and the customer base produced by the traffic volume. Therefore, slower traffic on Lincoln Avenue can help to contribute to the Village’s sales tax revenue.

The current posted traffic speed on Lincoln Avenue is 35 mph, although traffic appears to typically travel at speeds well in excess of the posted limit. Touhy Avenue west of Lincoln is posted at 30 mph, and a reduction in the posted speed limit on Lincoln Avenue to 30 mph should be seriously considered.

Recommendation: Take action to reduce the speed of traffic in the corridor, including physical street design changes and a reduction in the posted speed limit.

• **Reduce and Minimize Parkway Curb Cuts**

Throughout the corridor, particularly as new developments are reviewed, driveway curb cuts in the Parkway should be kept at a minimum and apron width limited to only that needed for vehicle ingress and egress. Where possible and particularly for residential development called for in this plan, driveway curb cuts should be located not on Lincoln Avenue itself, but on adjoining side streets. This would further improve pedestrian safety as well as the aesthetic appeal of the streetscape.

Recommendation: Reduce and minimize Parkway curb cuts along Lincoln and relocate as needed.

• **Create a Unified Corridor Streetscape Plan**

A specific streetscape plan should be created and implemented, specifying and delineating urban design elements that create an attractive, pedestrian scale and sense of place within the corridor. As envisioned, this streetscape plan would specify the style and identify the location of urban design and pedestrian friendly elements such as lighting, benches, bicycle racks, trash bins, and kiosks. This work could explore such other items as special signage, public art and sculptures, hanging flower containers and street banners. Use of brick pavers in sidewalks and crosswalks and specific designs for the recommended parking lane bump outs are other suggested elements that could be explored in development of this streetscape plan.

One critical component of the streetscape plan would be new streetlights for the entire corridor, to replace existing streetlights which are rapidly aging and appear to have exceeded their useful life. Our review suggests that new streetlights should not be installed in the medians as they are now, but along the sides of the street. However, this could be further investigated as the specific streetscape plan is developed. Creation of a specific streetscape plan would not only result in the identification of specific styles and designs for street furniture, sidewalks and light standards, but also would locate them in the corridor. The advantage to developing such a plan is twofold: it will help guide specific improvements in the public right-of-way at specific locations and it would allow the Village to seek Illinois Transportation Enhancement Program (ITEP) grants to undertake such improvements. We believe this is a critical component which should be budgeted within the next two fiscal years.

Recommendation: Create and implement a unified streetscape plan for the corridor.

• **Consider Vacating Portions of Intersecting Streets**

Lincoln Avenue cuts diagonally through Lincolnwood, resulting in many unusual lot configurations along the corridor. The angle of Lincoln Avenue, set against the Village's basic grid pattern of streets, also has produced a number of intersections in the corridor which vary from the typical 90 degree street intersection angle, some involving more than one intersecting street. Because such intersections are not standard or typical, they pose public safety concerns, particularly to those not familiar with the area. This situation also results in long stretches of pavement and active traffic for the pedestrian to confront.

Our plan suggests the vacation of portions of some of these intersecting side streets to eliminate such unusual intersections. Such street vacations also have the potential benefits of reducing traffic into adjoining residential neighborhoods as well as enlarging and improving the shape of development parcels in the corridor. Any vacation of a specific street, however, must be thoroughly examined as to its potential effects. This plan has not undertaken such an investigation and therefore is only suggestive in this regard.

Recommendation: Side street vacations should be explored and examined at appropriate locations.

• **Create Public Space Focal Points**

A more long term but bold component of this plan, is to consider creating new public space focal points at three locations in the corridor: 1) Lincoln/Touhy/Kostner; 2) Pratt/Lincoln/Crawford; and 3) Lincoln Avenue at Proesel Park.

The first two locations are triangular shaped sites surrounded on all sides by public streets. Converting these sites into public spaces would result in open vistas at these important intersections, producing natural focal points. Along with redevelopment of adjoining properties, these new public spaces would help create a unique sense of place. Based largely on results of an Image Preference Survey of residents, our plan suggests that in these spaces, tower-like monuments be constructed of similar design, potentially utilizing prairie style elements, to help bring continuity to the corridor. This is however only an initial suggestion. As the community moves forward with implementing this element of the plan, other focal point ideas could emerge or be incorporated into such designs. These spaces for instance could commemorate significant local or national events or persons, celebrate the multicultural diversity of the community, or become spaces for the remembrance of the holocaust or of war dead.

A third recommended focal point along the Lincoln Avenue corridor is at Proesel Park. Currently the park, a major asset of the community extends a relatively long distance along Lincoln Avenue. Our observation is that the current design of the park provides neither a welcoming presence nor much activity along the Lincoln Avenue corridor. Our plan suggests highlighting this community asset by creating a focal point on Lincoln Avenue at Proesel Park, similar to those proposed on the triangle parcels. Specifically, this suggestion is to widen and expand the current Lincoln Avenue median at this location and install a similar tower-like icon, visually unifying the three sites. Creating such an expanded median area would require moving and arcing the Lincoln Avenue traffic lanes somewhat, producing an oval shape. This would be another feature which would slow Lincoln Avenue traffic. This proposal obviously would require IDOT review and approval and likely would require some land acquisition.

Recommendation: Consider creating three public focal points at key corridor locations.

II. Development Regulations and Guidelines

In addition to improving the corridor through the appearance and use of public streets and spaces, the Task Force is recommending major changes to the Village's land use codes; the creation of new "form-based" regulations for new development; and, creation of design guidelines for new buildings. Below are the Task Force recommendations as they relate to private properties and their development in the Corridor.

• **Modify Land Use Codes to Encourage New Uses**

Land use in the corridor is a critical component to the plan. Except for that portion of Lincoln Avenue north of the Purple Hotel site, the plan recommends significant changes to the Village's current land use policies and zoning code. These changes, over time, will enhance and encourage a pedestrian environment for the corridor. Currently, the corridor is one long, mostly undistinguished strip of business properties. The plan proposes creation of three specific business activity hubs at key intersections, with the intersection of Lincoln and Touhy Avenues identified for higher density and activity, in an effort toward creating a downtown business district for the Village (described further below).

Currently, most of Lincoln Avenue is zoned B1 Restricted Business District. This zone permits office and bank facility developments. Retail is currently allowed only through special use designation. To achieve the vision for Lincoln Avenue, a significant change in land use, over time, is warranted. This plan calls for major changes in the zoning code regarding permitted and special uses. Under this plan, retail uses which cater to both Lincolnwood residents and the larger community should be encouraged to locate in designated business hubs. In such hubs, retail uses should either be exclusive uses on the ground level or predominant uses on the ground level to help achieve a pedestrian and retail oriented nexus. Book and drug stores, food specialty shops, coffee shops, sit-down restaurants, ice cream shops, dry cleaners, furniture, clothing and boutique stores should be encouraged and permitted to operate in such hub districts, subject only to complying with the community's development standards, buffering requirements with residential properties and the Village's off street parking requirements. Because office or bank uses generally do not contribute to cross-shopping, walk-in traffic, or a pedestrian environment, such uses in designated business hubs should be kept to a minimum or prohibited altogether on the ground level.

Similarly, specifically auto-oriented or auto-related businesses should be either prohibited altogether or kept to a minimum throughout the corridor. Automobile service and repair shops, oil change centers, gasoline stations, auto part stores and car washes do not contribute to either a pedestrian or shopping environment and should either be prohibited altogether, or highly limited. Where such uses may be authorized because of significant contributions to the tax base, such as automobile dealerships, careful attention to outdoor vehicle display and its effect on the streetscape is in order. Similarly, future drive-thru operations should be highly regulated, limited or prohibited altogether.

The plan presented for Lincoln Avenue embraces the concept of mixed use development, a term not currently found in the Village's Zoning Code. The plan envisions large development parcels, such as the Purple Hotel site, as including multiple land uses within its development. Individual buildings or smaller development parcels should also have

vertical multiple uses, namely retail on the ground floor and residential or office uses on upper floors.

In addition to permitting housing as part of certain mixed use developments, the plan also calls for the introduction of housing as an infill land use between the designated business hubs. Allowing housing as an in-fill land use will help demarcate the edges of the recommended business hubs and eliminate the current condition of a long, continuous strip of business properties. Moreover, development of in-fill housing between business hubs would visually extend the Village's residential neighborhoods into the corridor, thereby accentuating the residential persona of the community. In such in-fill areas, housing as a ground floor use should be permitted. Where housing is permitted, it is envisioned that residential uses in the corridor would be comprised of either multi-level townhouses or condominium buildings.

Recommendation: Modify the current land use code to allow for mixed use development and in-fill housing; and, to prohibit expansion of drive-thru operations and auto-oriented uses.

• **Designate Business District Hubs**

Related to the above changes being recommended, the Village should incorporate changes into its current zoning code to allow for development of the following proposed business hubs.

Lincoln-Touhy Business Hub

This business hub, centered on the intersection of Lincoln and Touhy Avenues, would include the Purple Hotel, Bank of Lincolnwood and Lincolnwood Produce sites, as well as nearby adjoining properties. This business hub is envisioned as the downtown for the community. Building height in this area is recommended to be limited to 5 floors, exceeding the 3 floor limitation recommended for the remainder of the corridor. Ground floor retail including restaurants, some with alfresco dining, would be a predominant ground floor use, with upper floors of residential and/or office space. Uses which encourage the public to gather, as well as strong or unique retail anchors, a boutique hotel or family entertainment venues, should be incorporated into specific parcel development plans. In addition, sculptures, fountains and plazas with outdoor seating should be designed into parcel redevelopments in this hub. It is envisioned that this business hub would have the highest development intensity in the corridor and potentially would require either underground parking, parking decks or a combination of both. Any parking structure should be well designed with public safety in mind and located so as to be unobtrusive to the primary use activities. For building sides located along Touhy Avenue, we suggest an exception to the recommended corridor build-to line of 5 feet. For such building sides, we recommend a build-to line of 15 feet or greater from the public right of way to account for high traffic volume on Touhy Avenue and pedestrian safety.

Lincoln-Pratt-Crawford Business Hub

This business hub is near the geographic center of the Village and a crossroads for Village residents. Functionally, this business area is expected to serve the more

immediate area and provide shopping convenience for residents. This area is recommended to include mixed use buildings having ground level retail, including such uses as book stores, bistros, drug stores, coffee shops, restaurants, dry cleaners and the like, as well as small outdoor gathering spaces. Two floors of residential units above the ground floor are also suggested for this area. Off street parking should be located toward the rear of properties.

Devon-Lincoln Business Hub

This business hub is an entryway into the community and a major gateway from Chicago. Uses in this business hub are recommended to be primarily retail uses on the ground level, with off street parking located toward the rear. Any development of 2nd or 3rd floors should be for office uses. Good building design, site planning and quality architecture, important throughout the corridor, is paramount in this gateway area for establishing the ambiance of the corridor. New developments in this hub should include strong anchors to provide identity and a sense of place.

Recommendation: Modify the Village Zoning Code to designate and regulate uses and encourage development in newly established business district hubs.

• Create Form-Based Development Regulations

The form and physical shape of private development is just as important as the type of uses which are permitted. Much of the existing development found in the corridor today is strip center in character, meaning that buildings are set back on the property and off street parking is provided directly in front of the building, toward the street. This form of development results in a scenery of endless parking lots, cars and freestanding signs for the passerby. Such an environment challenges any sense of place, and contributes to an auto dominated rather than pedestrian oriented environment. This plan recommends a very different approach and far different form for new development along the corridor.

Prior to modern conveniences, urban form generally took the shape of buildings built close to the public right-of-way, enclosing the street with buildings along it. Shop windows were large to let in light and also to display their products to the passerby.

Our plan embraces the essence of this earlier development pattern and seeks to update this earlier form for the 21st century. Our plan embraces the relatively new planning principles of Neo Traditional Development and New Urbanism, which seek to balance the needs of auto use with people and which assert that the form of development is as important as the permitted use of the property.

We recommend that, in addition to land use changes, applicable sections of the zoning code be created to contain form-based provisions applicable to new development along Lincoln Avenue. The following form-based provisions are recommended for the corridor (additional recommendations are contained in the addendum to this report).

Build-to Line: instead of a traditional setback line, where buildings are required to be setback from the front property line by a minimum distance, we recommend institution of a “Build-to line” that would require new buildings to be built-to. We suggest that this

build-to line should be no greater than 5 feet from the public right of way line. This recommendation would result in new buildings located very near the public sidewalk. For residential-only buildings this build-to line should be no greater than 10 feet from the right of way line, with a 4 foot wrought iron style fence, located 5 feet from the right of way.

Building Orientation: Because Lincoln Avenue travels through the Village at an angle, the orientation and facades of buildings in the corridor are critical and should be parallel to the street. Only in exceptional situations should the orientation of buildings and facades be at an angle to the Lincoln Avenue right-of-way line.

Building Height: Except for the Lincoln/Touhy Avenue Hub, the maximum height in the corridor should be 3 floors or 38 feet. In the Lincoln/Touhy downtown hub, a maximum height of 5 floors or 65 feet is recommended. Any building which is permitted to exceed 3 stories in height is recommended to have a building façade setback of 10 feet for all floors above 3 stories.

Building Corner Towers: Buildings located at corners, particularly at major intersections, should incorporate a turret or tower feature in harmony with the building's architecture. This tower feature component of the building may exceed the maximum height indicated, so as to give the building a distinctive form and focal point.

Façade Windows: Building facades fronting onto Lincoln Avenue, or onto major adjoining public streets or which otherwise are highly visible from the public right-of-way, should incorporate windows in their facades, particularly at the street level. Walls facing the public right of way which lack windows should be prohibited.

Recommendation: Create form based development regulations as outlined here and elsewhere in this report.

• Create Building Design Guidelines

Our report and the work of our consultant have suggested certain building design guidelines for new buildings in the corridor. The Task Force believes further work and additional design details are appropriate to help guide developers and architects and to illustrate design elements acceptable to the Village. It is envisioned that this work would result in a separate user friendly, heavily illustrated architectural design guideline handbook. To undertake this work, the Task Force recommends the formation of an Ad Hoc Committee of Village design professionals to help prepare this document.

Recommendation: Create an Ad Hoc Village Design Committee to develop a Building Design Guideline Handbook.

• Regulate Off Street Parking Locations

For new developments, off street parking should be prohibited from the front of new buildings along Lincoln Avenue. Such parking should be located toward the rear of the property. Related to this, the Village's recently adopted requirements ensuring buffering and screening of business properties with adjoining residential properties should be continued and required in all new developments.

The location of off street parking areas and the recommendation to prohibit them from the front of new buildings along Lincoln Avenue is a critical component of this plan and this new standard should only be varied in the most unusual circumstances. For some large scale developments, parking decks may be in order and these should be placed either behind the buildings they serve or with a level of activity, such as retail, located on the ground floor of the parking structure.

This plan does not recommend relaxation of the Village's off street parking standards at this time. These standards should be reviewed to determine their current adequacy for various uses and to investigate the feasibility of shared parking arrangements among uses.

Where new uses will occupy existing buildings, existing front yard parking areas should be screened from view with landscaping or a short screen wall along the public sidewalk. Recently, the Village adopted new code standards requiring such screening treatments for off street parking lots. Strict adherence to these standards is strongly recommended with variations granted only in the most unusual cases.

For the public right-of-way, this plan recommends the creation of a designated parking lane. Although the Task Force does not recommend that off street parking requirements be specifically relaxed, variations for certain desired proposed uses should be considered depending upon the degree of available nearby on-street parking. In the reuse of existing buildings, since there is a strong interplay between providing parking lot screening and providing off street parking spaces, where on-street parking exists and is generally available in the designated Lincoln Avenue parking lane, required parking lot screening should take precedence over the required number of off street parking stalls.

Recommendation: Prohibit new off-street parking lots in front of buildings along Lincoln Avenue. Continue to require landscape screening of existing parking areas.

• Improve Business Signage

The Village updated its Sign Code in the late 1990's to incorporate new community sign standards. This code encourages (but does not require) the use of monument signs instead of freestanding pole signs. With the greater emphasis on creating a pedestrian scale along Lincoln Avenue, consideration should be given to lowering the maximum height of monument signs, possibly to 8 feet, and either creating stronger incentives to use monument signs or reducing the maximum height of freestanding signs. Another option would be to allow only monument signs and not freestanding signs along Lincoln Avenue.

Recommendation: Explore stricter requirements for signs that would improve the pedestrian scale of the corridor.

Plan Implementation

To implement this plan, Village government must be focused at all levels and in all departments on achieving the enunciated goals and desired results of this plan. Each department and recommending body has a role in moving the Village forward toward achieving this plan. Below are the key elements of this plan and recommended implementation actions.

Streetscape Plan Development:

We recommend that funds be budgeted in the Village's Capital Improvement Plan for preparation of a streetscape plan for Lincoln Avenue. High priority consideration should be given for plan preparation in the next fiscal year, since this plan will help the Village seek grant funds for necessary streetscape improvements and provide reference for improvements which should take place as part of private development. In the actual development of this plan, where appropriate, input from various recommending bodies, should be sought.

Land Use and Form-Based Code Changes:

The land use changes and form based provisions recommended for Lincoln Avenue require changes to the Village's zoning code. Various options are available to achieve this result including overlay districts or separate zoning districts. We recommend that the consultant engaged to update the Village's Zoning Code also be charged with incorporating into this update, the recommendations of this report. Since this work may require further detailing and a variety of determinations, in concert with the Plan Commission, Task Force members have agreed to provide assistance in this work.

Village Departmental Actions

To achieve this plan, implementation will require the ongoing and concerted work of the entire Village organization. Coordinated through the Village Administrator's Office, departments must continue their current work such as median landscaping. These departments also must incorporate new activities called for in this report, such as improving crosswalks, into routine or scheduled work or maintenance plans. More significant improvements, such as those identified in the recommended streetscape plan, will require a strong working relationship and coordination between Village staff and IDOT for implementation.

Village Recommending Bodies

Citizen led recommending bodies to the Village Board have a very large role toward achieving and implementing this plan. Below are key Village Board recommending bodies having certain oversight, duties or expertise which can be utilized and employed to achieve the plan and vision for Lincoln Avenue.

Traffic Commission

Consider and provide input on the creation of the designated parking lane; the posted speed limit and other measures to reduce travel speeds in the corridor. It is possible that parking management in the corridor will become desirous in the future and parking restrictions and regulations for the parking lane may become appropriate. Further, the

Traffic Commission should study and provide input and recommendations regarding appropriate side street vacations, after first reviewing this report and clearly understanding its goals.

Plan Commission/Zoning Board of Appeals

Consider and include in the updated revised zoning code, the recommended use changes, the designation of new business district hubs and the addition of new form-based development regulations. Study and recommend changes to off-street parking requirements in this update. In the role as Zoning Board of Appeals, consider case-by-case variations to these new standards, only where unusual circumstances warrant.

Sculpture and Beautification Committees

Provide input and suggestions in the development of the recommended streetscape plan as well as suggestions on the selection of the specific styles of street furniture, street lights and monuments for the public space focal points.

Sign Appearance Review Board

Consider and review the existing Sign Code and consider recommending changes to the sign code that would enhance the pedestrian scale and environment of the corridor called for in this report.

Economic Development Commission

Study and provide recommendations which could assist in funding of corridor improvements including the long range component of new public open space, as well as measures which could further encourage new private reinvestment and corporate donations in the corridor.

Ad Hoc Building Design Guideline Committee

Study and create an illustrated architectural design guideline booklet which would communicate the building design elements and expectations of the community.

APPENDIX

LINCOLN AVENUE CORRIDOR URBAN DESIGN PLAN AND GUIDELINES

Lincoln Avenue Corridor Study
Lincolnwood, Illinois

CORRIDOR URBAN DESIGN PLAN
& URBAN DESIGN GUIDELINES



Prepared by Land Vision, Inc.
for
Lincoln Avenue Task Force
Final Report
November 16, 2005

Lincoln Avenue Corridor Study Corridor Urban Design Plan & Urban Design Guidelines

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Lincoln Avenue Corridor Study

Corridor Urban Design Plan & Urban Design Guidelines

Lincolnwood, Illinois

I. INTRODUCTION

The Village of Lincolnwood (the Village) and its Lincoln Avenue task Force (LATF) identified the Lincoln Avenue corridor as an opportunity for redevelopment. As the main street through the community, this strip could be transformed into a vibrant community centerpiece with a real sense of place. Land Vision, Incorporated (LVI) was retained in August 2004 to conduct the Lincoln Avenue Corridor Study that would assist the LATF in preparing an urban design plan and urban design guidelines to transform the corridor. Specifically, the LATF expected the Lincoln Avenue Corridor Study to focus on the following:

1. Identify activity centers and infill development opportunities in the corridor
2. Identify means of creating a unified image of the corridor
3. Apply principles of New Urbanism to identify appropriate building setbacks, heights and densities for new development
4. Identify areas for attractive gathering places
5. Recommend land uses and urban design guidelines to help achieve the corridor vision that can become the basis for updating the existing Village Comprehensive Plan and Zoning Ordinance
6. Provide development recommendations and guidelines for the hotel site at Lincoln and Touhy Avenues

To help accomplish these objectives, LVI invited input from Village citizens through an Image Preference Survey (IPS). Ninety-five citizens provided input, and the result of the survey showed strong preference for:

1. More traditional looking buildings than buildings with modern architecture
2. Two-to-four story mixed-use buildings with well-articulated architecture
3. Buildings with inviting, pedestrian-friendly, well-landscaped and safe sidewalks in front
4. Private developments with outdoor gathering places, such as sidewalk cafes, and pedestrian enclaves
5. Buildings located closer to residential areas with more complementary architecture
6. Unobtrusive signs, and
7. Parking areas that are well landscaped.

With the goals and objectives set by the Village and the design preferences identified by the Village citizens, LVI first prepared a Corridor Redevelopment Strategy, and overall Corridor Plan, and finally, a detailed set of Urban Design Guidelines that would govern the corridor redevelopment and enhance appearance of the existing properties.

LVI found that both the Village goals and residents' preferences coincided with the tenets of New Urbanism. New Urbanism is a modern planning movement that seeks to re-create a sense of place and foster walkable, human-scaled communities. It advocates for central downtowns, quality public spaces, diverse streetscapes, and location of stores, services, parks and schools within easy walking distance of homes.

LVI recommends that new buildings – regardless of their use or type – be placed at the front of the property, close to the street, with all parking located behind buildings. This is

principal tenet of New Urbanism; disallowing parking in front of buildings improves the street for pedestrians and enhances streetscape appearances.

Urban design guidelines will further direct the “form” of buildings: how they look, how they relate to the street and to one another, and how they, along with the streetscape, form a cohesive and well-designed urban environment. Such urban design guidelines, called for by New Urbanism, can be outlined in Village land use and zoning codes in what are called form-based regulations.

LVI strongly recommends that, as a follow-up to the adoption of the Corridor Plan and Urban Design Guidelines, the Village adopt a form-based code for the corridor. This will ensure that the vision for the Lincoln Avenue corridor is implemented consistently into the future.

II. CORRIDOR REDEVELOPMENT STRATEGY

As many other strip commercial corridors in the Chicago region, Lincoln Avenue has evolved into a corridor consisting primarily of retail and commercial uses. The current Village regulations permit banks to locate in the corridor more easily than retail uses such that the corridor now has a preponderance of banks. Most of the properties fronting onto Lincoln Avenue are shallow, and many of the existing retail uses and businesses in the corridor are at best nominal. In conjunction with a lack of proper maintenance on some of the corridor properties and a lack of adequate parking on other, the LATF determined that the existing form of development in the corridor is outmoded and fails to exploit the corridor’s full potential.

Given these concerns, LATF identified specific areas of the corridor that could be considered as future hubs of activity with new uses replacing the old and consisting of either mixed-uses or single uses. As opposed to a continuous set of uses spread uniformly along the corridor, LATF determined that creating one main hub and other smaller hubs in the corridor would encourage the development of a potential downtown in Lincolnwood that could be used for creating key gathering places to attract the Village residents and give the village a new identity. LATF also indicated that the site with the “Purple” hotel at the northwest corner of Lincoln Avenue and Touhy Avenue should be given consideration for creating the “downtown” hub in the Village.

In response, LVI recommended a Corridor Redevelopment Strategy that built on the key ideas of the LATF. As shown in Figure A, some of the major recommendations LVI made include:

1. To create a downtown hub in the Village, consider redevelopment of the “Purple” hotel site, the Bank of Lincolnwood site, and the site for Lincolnwood Produce. While some of these recommendations – especially the Bank of Lincolnwood site -- may be implemented in the long-run (over a period of next ten years and beyond), LVI recommended that in order to create a critical mass for the new developments to function as a downtown, the Village would have to allow the redevelopment of more than just the “Purple” hotel site. The range of mixed uses for these sites will include residential, retail and office. The “Purple” hotel site, in addition, may also include a boutique hotel, should the market conditions favor such use to be feasible.

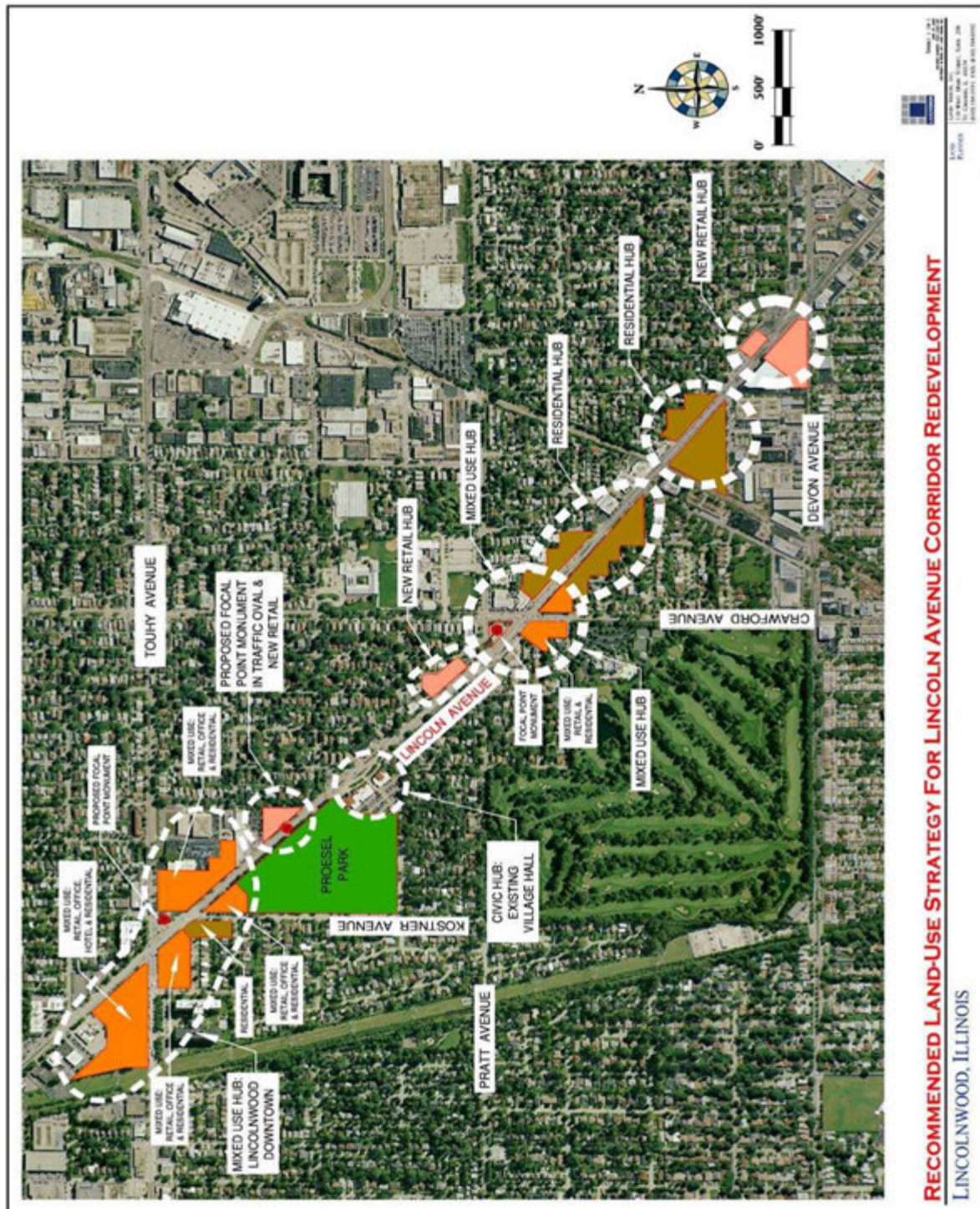


Figure A: Recommended Corridor Redevelopment Strategy

2. LVI also recommended redeveloping the existing Tuffy site with a plaza and a focal-point monument in order to enhance the visual appearance of the major point of entry in to the Village from north. It would also serve as a key marker for the new downtown Lincolnwood
3. Directly in front of Proesel Park, along the park's frontage with Lincoln Avenue, LVI recommended installing another focal-point monument in the middle of the road with new pavements channeling around the monument in an oval form. From a transportation standpoint, this was recommended to calm the traffic along Lincoln Avenue, and as an urban design strategy this would create another key identifier that in conjunction with the monument at the Tuffy site would be the start of forming a cohesive image of the corridor. (See later discussion on Urban Design Guidelines for how these monuments should be treated architecturally).
4. At the site of existing Mobil gas station, located at the triangular site bounded by Lincoln Avenue, Crawford Avenue and Pratt Avenue, LVI recommended the installation of another focal monument, as part of a new mixed-use hub at this location. Surrounded by three major roads, the existing gas station creates adverse traffic conditions in the corridor that would be best ameliorated by its replacement with a public plaza (with the monument). From an urban design standpoint, since the Lincolnwood Public Library is located on Pratt Avenue, the triangular plaza in its front will provide an appropriate foreground for the civic building.
5. For the properties around the new triangular plaza along Lincoln Avenue, LVI recommended retail and residential uses, such that along with the existing public library, this area will become another mixed-use hub in the corridor. While the existing Grossinger Toyota (soon to become Grossinger Volvo) will remain an auto-oriented use at this hub, the rest of the uses will emphasize pedestrian access along with specific outdoor gathering places as part of the redevelopment projects.
6. For the next hub at the intersection of Devon Street and Lincoln Avenue, with the "Bunny Hutch" site providing a key redevelopment opportunity, LATF recommended that the new uses should primarily be commercial. This hub will include the site east of Lincoln Avenue that will be redeveloped into a new commercial use. This commercial hub at the southern end of the corridor will need to design consistency between individual buildings to create a strong sense of entry into the corridor.
7. For the intermediate redevelopment opportunities in the corridor, LVI recommended the primary use to be medium density residential. The key sites proposed for such residential redevelopment include the industrial area southwest of Lincoln Avenue and the railroad and the area east of Lincoln Avenue.
8. In conjunction with many of the above redevelopment projects, LVI recommended closing a number of street segments as they intersect with Lincoln Avenue. These are highlighted on the Corridor Plan for Lincoln Avenue that LVI developed after discussing with the LATF the specific types of medium-density residential and mixed-used projects that would be most appropriate for the corridor.

III. LINCOLN AVENUE CORRIDOR URBAN DESIGN PLAN

As the Corridor Redevelopment Strategy was finalized in discussion with the LATF, LVI prepared a detailed Corridor Urban Design Plan (Corridor Plan) to show how the individual properties or groups of properties may be redeveloped to consistent with the overall strategy. This Corridor Plan is depicted in Figure B (with larger versions of this plan available in poster form).

As Figure B shows, LVI has shown detailed building footprints and parking areas or parking garages that would be necessary to serve a redevelopment project. Many of the recommended projects will require consolidation of individual parcels and street closings. It will be critical for the Village to allow redevelopment of projects with all required parcels consolidated and not permit their individual, piecemeal development. Another major thrust of the recommendations is to “line” the front of the properties with buildings, .i.e. place all new buildings at a set maximum distance from the property line (see Urban Design Guidelines for more discussion). The Village should require all redevelopment projects to have such “liner” buildings with parking for the projects concealed behind the buildings.

While LVI prepared the individual site plans for redevelopment to demonstrate that the recommended projects will be feasible following the principles of New Urbanism, LVI and LATF expressly state that none of the redevelopment projects have to follow the footprints of buildings exactly as drawn by LVI. The Corridor Plan is CONCEPTUAL in nature and it is the intent of LATF to allow developers and builders who will undertake redevelopment in the corridor, a full measure of flexibility provided their projects follow the urban design guidelines. As and when the Village adopts a new form-based code that is based on the urban design guidelines recommended by LVI (see below), the project redevelopers will need to conform to the new ordinance regulations of the Village.

IV. URBAN DESIGN GUIDELINES

As stated by the LATF, the future Lincoln Avenue Corridor must have an overall image that is not haphazard but more uniform and cohesive. A mile-long corridor with an array of uses developed over many years has an image today that is disparate, outmoded (in visual terms as well, in addition to economic) and dysfunctional. The challenge of achieving the goal of cohesive redevelopment out of such conditions can be met by adopting the urban design guidelines recommended by LVI.

In order to meet the full scope of a new urban design for the corridor that also includes the citizens' image preferences, LVI recommended urban design guidelines that cover not only the domain of the public street, but also the domain of private properties and how the buildings in the corridor relate to the street and to one another.

The public domain guidelines apply to properties that will not be redeveloped for the foreseeable future. These guidelines include the “interface” between the public and private domains, covering the area of private property directly adjacent to the right-of-way. The private domain guidelines apply to a property or a group of properties that is set for redevelopment. These guidelines will cover the portions of redevelopment project that include sidewalks, street furniture, planters and landscaping.

For the corridor as a whole, LVI also recommended that there be on-street parking – whether associated with existing uses or redevelopment projects. While the corridor already has on-street parking, this parking will need to be integrated into a new sidewalk system with “bump-outs” from the existing sidewalk line.

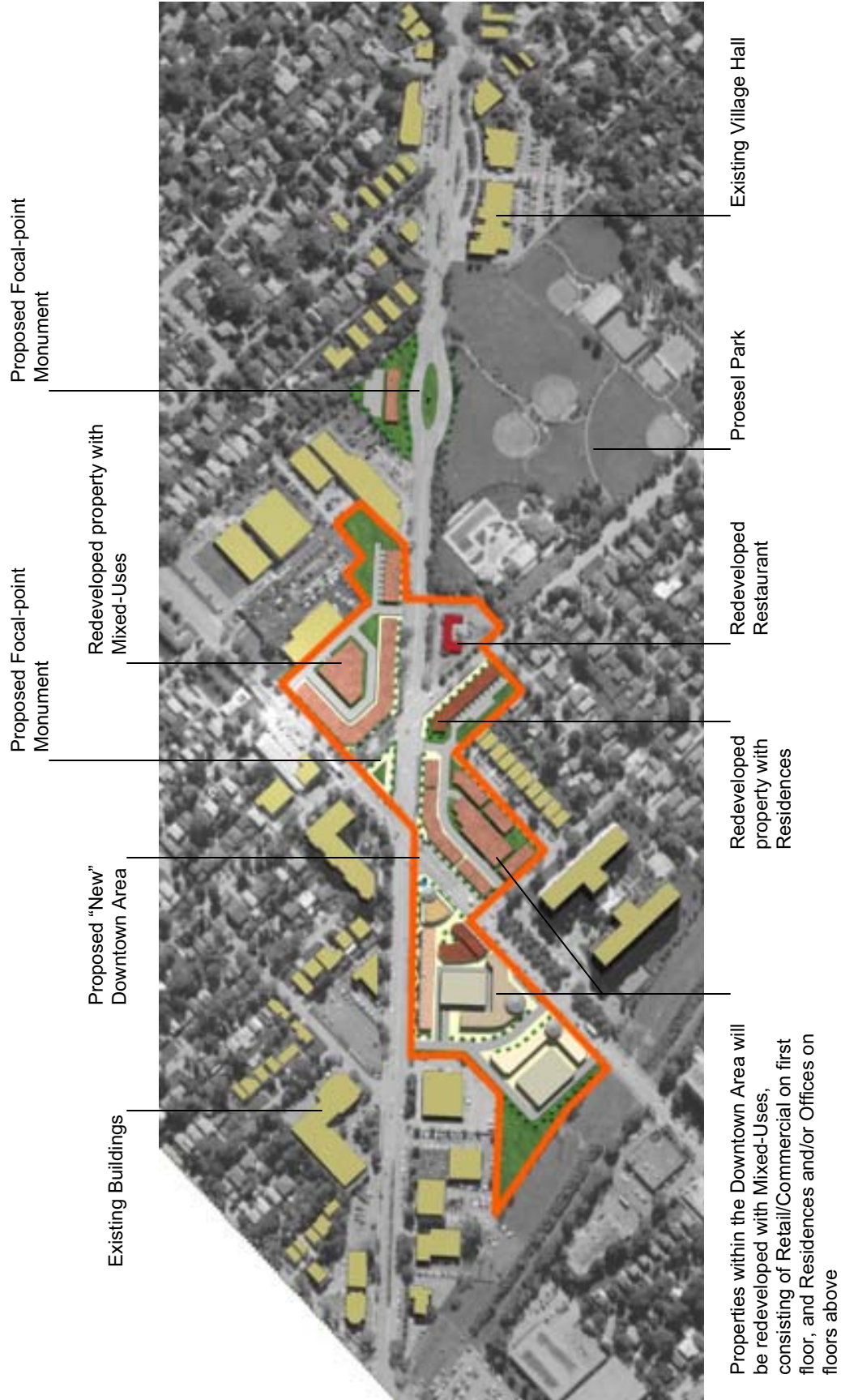


Figure B1: Illustrative Corridor Plan: North
 (Note: All site plans in this exhibit are shown for illustration only. Developers seeking to redevelop properties will follow the urban design guidelines)

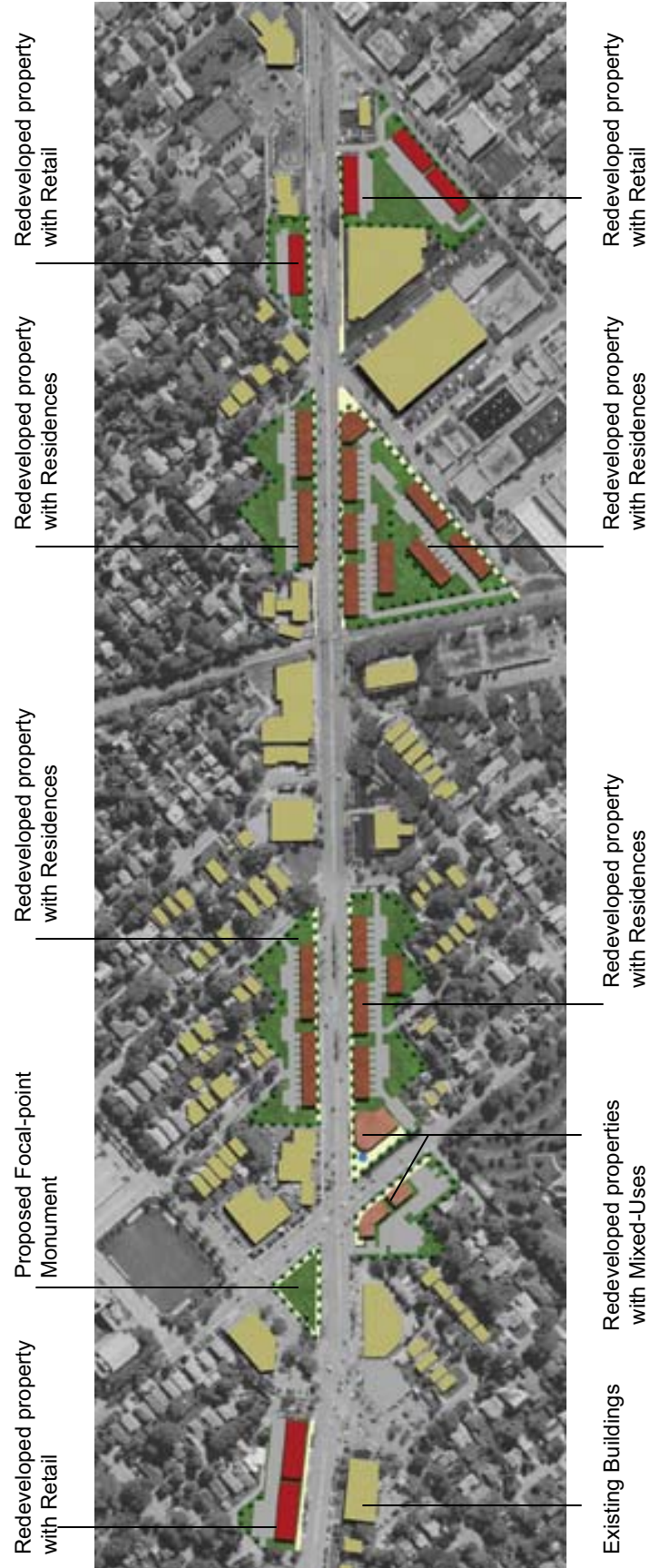


Figure B2: Illustrative Corridor Plan: South
(Note: All site plans in this exhibit are shown for illustration only. Developers seeking to redevelop properties will follow the urban design guidelines)

The Village will need to prioritize the implementation of the urban design guidelines for the public domain based on the severity of existing conditions and availability of funding. If redevelopment is anticipated, then the urban design guidelines for the private domain (or the form-based code regulations) will be implemented at the time when new project is constructed. Regardless of the timing of when public or private improvements are implemented, in the long run, following the urban design guidelines (or form-based code regulations) will help the corridor achieve the desired cohesive image.

1. GUIDELINES FOR PUBLIC DOMAIN

Covering the area within the R.O.W., including these streetscape elements: Streets; Medians; Street curbs; Parkways; Sidewalks; Street signs; Private signs; Street lights; Median lights and landscaping

Taking into account the above streetscape elements, LVI identified several existing conditions that are typical of different sections of the corridor. For these corridor sections, LVI recommends a number of design guidelines that are illustrated in plan views and cross-sections below. LVI also recommends certain general guidelines that can be applied to any section in the corridor. The Village staff will need to determine the best fit between the existing conditions and the recommended guidelines to select the most appropriate streetscape improvements necessary for implementation in a given section. The recommended guidelines are not meant to supersede the existing, more restrictive zoning regulations that meet the design intent of the guidelines. What follows first is a description of the general urban design guidelines and then the more section-specific guidelines. The guidelines are described in no specific order of preference.

A. General Guidelines

1. **Parkway Trees:** All parkways within the Lincoln Avenue corridor with available space for landscaping should have trees planted at a minimum center-to-center distance of 25 feet (or, as per the existing Village ordinance)
2. **Median Landscaping:** Within the medians along the Lincoln Avenue Corridor, there should be adequate landscaping consisting of shrubs and other materials that are well-maintained
3. **Landscape Materials:** Selection of landscape materials to be used in the parkways, medians or sidewalks should be governed by their hardness to road salt and with the goal of achieving consistency between one median landscaping to the next
4. **Sidewalk Materials:** Sidewalks in the corridor should have two different materials to better delineate the area used for pedestrians – especially when new sidewalks are built in conjunction with the redevelopment of properties. There should be consistency in the use of sidewalk materials from one property to another
5. **Pedestrian Buffers:** All pedestrian portions of sidewalks should be buffered from the street by landscape planters and/or row of trees
6. **Street Lights:** Selection of new light standards for the corridor should be based on how well they relate to the pedestrians without overwhelming them by their size, height or level of illumination. Examples from other communities such as Elmhurst where IDOT agreed to install special light fixtures in conjunction with a major roadway widening project, suggest that it should be possible for the Village to work with IDOT to have special light fixtures installed in the corridor. The light fixtures with special pedestrian oriented lighting should be located on both sides of the street and not in the median.

7. **Street Signs:** Street signs in the corridor should adopt a distinct new design that makes them stand out as compared to the regular street signs in the rest of the Village to create a special image of the corridor
8. **Street Furniture:** Street furniture, such as benches, information kiosks, telephone kiosks, waste receptacles and bicycle stands, should be provided along the municipal park where it meets the Lincoln Avenue corridor, mixed-use hubs and other areas of the corridor as later deemed appropriate. The design of street furniture in one area should match the street furniture design in another area to further reinforce the visual cohesiveness of the corridor
9. **Business Signs:** For free-standing signs advertising businesses located on the same property, their location, size, height and design should have a level of consistency that lends cohesiveness to the appearance of the corridor
10. **Focal-point Monuments:** The Corridor Plan recommends three focal-point monuments in the corridor: the first at the current Tuffy site (at Touhy and Lincoln Avenues); the second within the proposed bi-furcated roadway pavements of a "traffic oval" in front of Proesel Park, and the third at the current Mobil gas station site (at Crawford and Lincoln Avenue). The design of these monuments should be consistent in order to create a unified set of visual landmarks in the corridor. Of the three monuments the most significant in height and architectural treatment should be the tower in front of the Proesel Park. Because of its close proximity to the Village Hall that's built in Prairie Style architecture, the Village may consider requiring the design of this monument to be in Prairie style as well. In addition to visually tie these major identifiers together, the other two monuments may also be constructed in Prairie style architecture.

B. Section-specific Guidelines

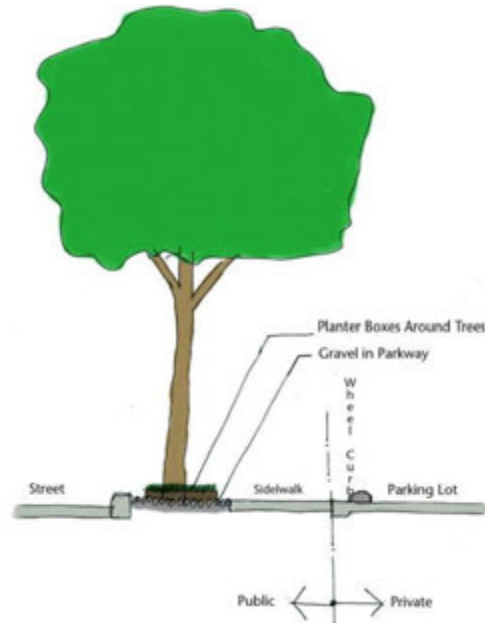
The use of these guidelines will vary from one section of the corridor to another. They are presented as illustrations that show the existing conditions needing improvement and the recommended guidelines to achieve better urban design. The guidelines also cover the interface where the private property abuts the right of way. This interface affects the visual perception of the corridor as much as the quality of the streetscape elements within the right-of-way. Until the time the buildings on a property remain the same – even if the uses in the buildings change – focusing on this interface between the public and private domains will be important. When properties redevelop, new buildings in the corridor will be located close to the street along with new sidewalks in front of the new buildings. This will create a new set of conditions that will be governed by the guidelines for Private Domain. Until change occurs on the private properties, the following design guidelines show how to treat the public domain and the edge of the private properties.

Section-specific Guidelines for Public Domain

NOTE: *These guidelines apply only to properties with existing buildings. For new or redevelopment projects, see Urban Design Guidelines for Private Domain*

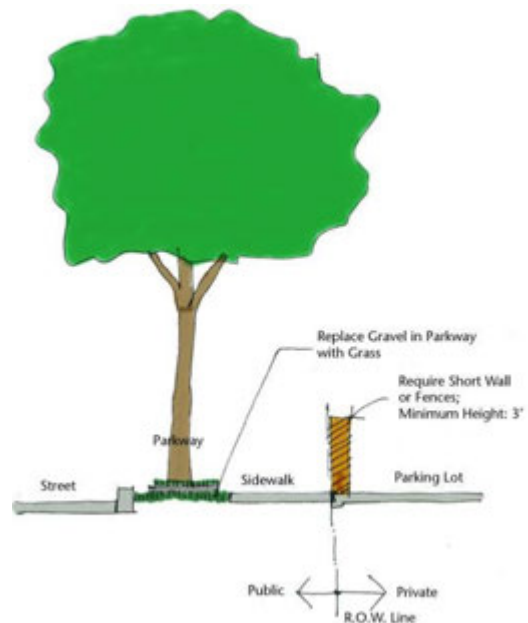
- Existing parkway has materials other than grass, and only wheel-stops exist between the sidewalk and adjoining parking lot

Figure 1: EXISTING CONDITIONS



- Appearance of gravel in the parkway is visually unappealing and inconsistent with the rest of the properties in the corridor with grass in parkway
- With no other barrier than wheel curbs, cars in a parking lot are exposed to direct view of the motorists. This makes the corridor more unattractive

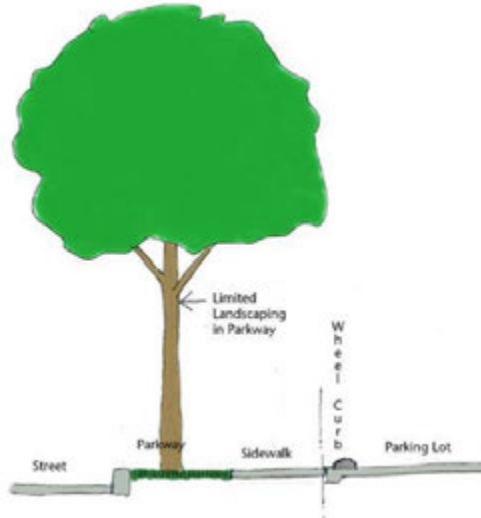
Figure 1A: RECOMMENDED GUIDELINES



- Replace gravel with grass in the parkway
- Require a short wall of no less than 3' to be installed at the property line to conceal the parked cars. Materials and color of wall should primarily match the materials and color of other walls along the corridor

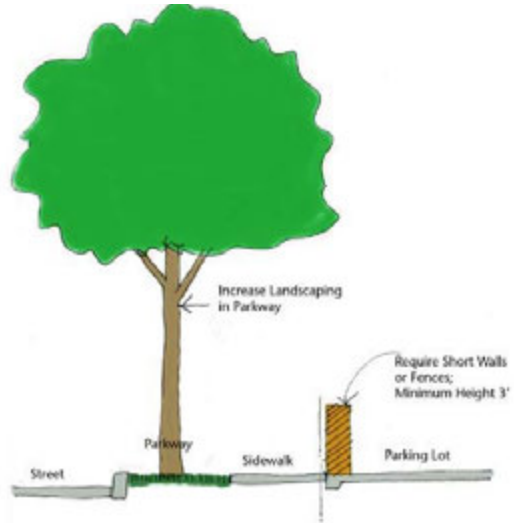
- Existing parkway has limited number of trees and like the first condition has no significant barrier between the sidewalk and the adjoining parking lot

Figure 2: EXISTING CONDITIONS



- Limited number of trees in the parkway fails to define the corridor edge effectively
- With no other barrier than wheel curbs, cars in a parking lot are exposed to direct view of the motorists makes the corridor more unattractive

Figure 2A: RECOMMENDED GUIDELINES



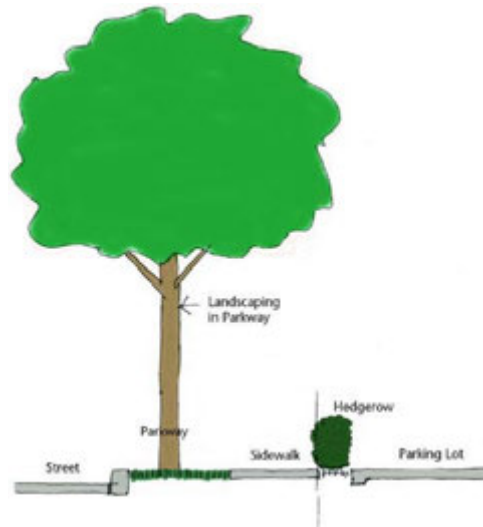
- Increase the number of trees in the parkway to be no more than 25' apart
- As in Recommendation 1, require short walls at the edge of the private property

Alternate to Short Walls (as shown in Recommendations '1' and '2')

Figure 3: EXISTING CONDITIONS

- Limited number of trees in the parkway fails to define the corridor edge effectively
- With no other barrier than wheel curbs, cars in a parking lot are exposed to direct view of the motorists. This makes the corridor more unattractive

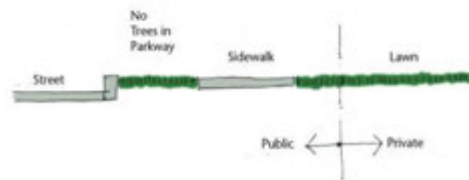
Figure 3A: RECOMMENDED GUIDELINES



- Increase the number of trees in the parkway to be no more than 25' apart
- Instead of short walls, require hedgerows at the edge of the private property in a way. This will not affect the overall parking supplied at the property. Hedgerows should be a minimum 3' tall

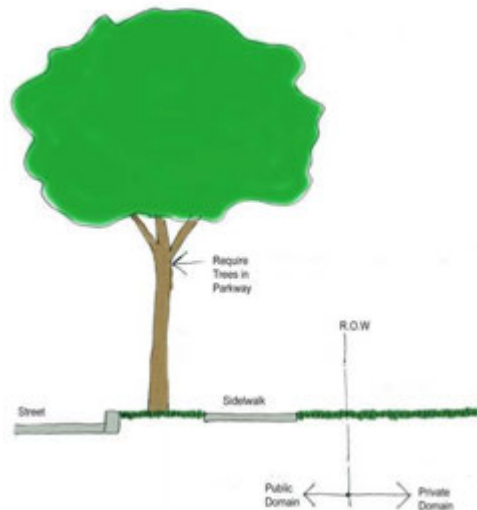
4. Existing parkway has no (or few) trees and the adjoining property has no parking lot

Figure 4: EXISTING CONDITIONS



1. Without the trees, even when the adjoining property has lawn in its front yard and no parking lot, the street lacks a defining edge.

Figure 4A: RECOMMENDED GUIDELINES



1. Require trees to be planted within the R.O.W. where there are no trees, OR when there are few trees,
2. Require trees in the parkway no less than 25' apart

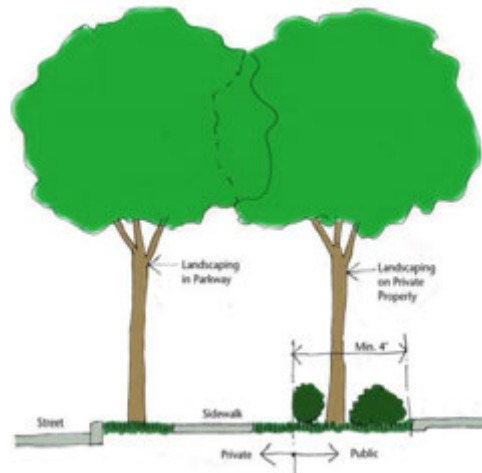
5. Ideal Condition for Landscaping on Private Property

Figure 5: Existing Conditions

When any of the following conditions exist on a property, i.e. if:

1. There are materials within the parkway that are not grass
2. There are limited number of trees in the parkway
3. There are no trees in the parkway at all, and when there are no physical elements separating the adjoining parking lots from the sidewalk

Figure 5A: Recommended Guidelines



1. Require parkway trees
2. On private property, require a landscape buffer no less than 4 feet wide for trees and shrubs. The double row of trees – one in the parkway, the other on private property – should be staggered.

(The Village of Lincolnwood already has examples of this type of streetscape along Devon Avenue near the intersection with Crawford Avenue).

2. GUIDELINES FOR PRIVATE DOMAIN

Covering the private property, including: Placement of buildings; Height of Buildings; Relation of building to street/sidewalk; Relation of building to buildings along one side of the street; Relation of buildings to buildings across the street; Treatment of building entryways; Relation of entryways of one building to the next; Treatment of building bulk; Treatment of special gathering places outside the building

The design guidelines for private domain are described in general terms and not on section-specific or site-specific basis. They are differentiated by categories of use and are based on the design preferences of the Village citizens and LATF members. The three categories of private domain guidelines are:

- A. All Buildings
- B. Residential Buildings
- C. Commercial and Mixed-use Buildings

A. Design Guidelines for All Buildings

1. ***Build-to Line for Placement of Commercial and Mixed-Use Buildings, and Residential Buildings**** : The new commercial and mixed-use buildings in the Lincoln Avenue corridor should be located close to the front of property, at 5 feet from the right-of-way line, with parking concealed from view from Lincoln Avenue and located behind buildings. Residential buildings that do not provide fences in the front yard should also be located at 5 feet from the ROW line. (See Figure 6)

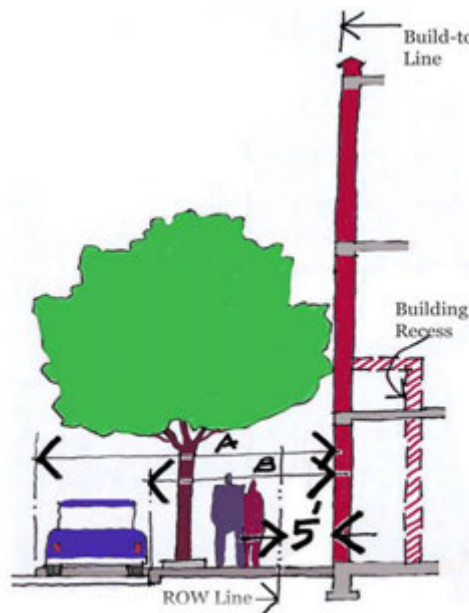


Figure 6: Illustrative Guidelines for Redevelopment of Properties

Maximum Distance from R.O.W to "Build-to" Line:	5 feet
'A': Maximum Distance from Exterior Wall to Street Curb, Including Parking Bay:	23-24 feet
'B': Maximum Distance from Exterior Wall to Street Curb, Excluding Parking Bay:	15 feet

* Applies to only Residential Buildings without fences in the front yard. For residential buildings with fences in the front yard, see guidelines for residential buildings

2. **Building Relationship to Street:** The relationship of new buildings (all commercial and mixed-use and some residential*) to the street and other street amenities is illustrated in Figure 7. The current right-of-way of Lincoln Avenue is 100 feet and the road pavement is 80 feet. The guidelines call for creating “bump-outs” from the existing sidewalk line of up to 8 feet or 9 feet to enclose parking bays within the sidewalk system. Recommended trees in the corridor will be installed at 25’ center-to-center. Buildings will be located at the “Build-to” line 5 feet from the Lincoln Avenue right-of-way. Touhy Avenue has the same right-of-way and pavement widths as Lincoln Avenue. The proposed guidelines will also apply for redevelopment of properties along Touhy Avenue within the recommended mixed-use/downtown hub.

(*Only for residential buildings without fences in the front yard)

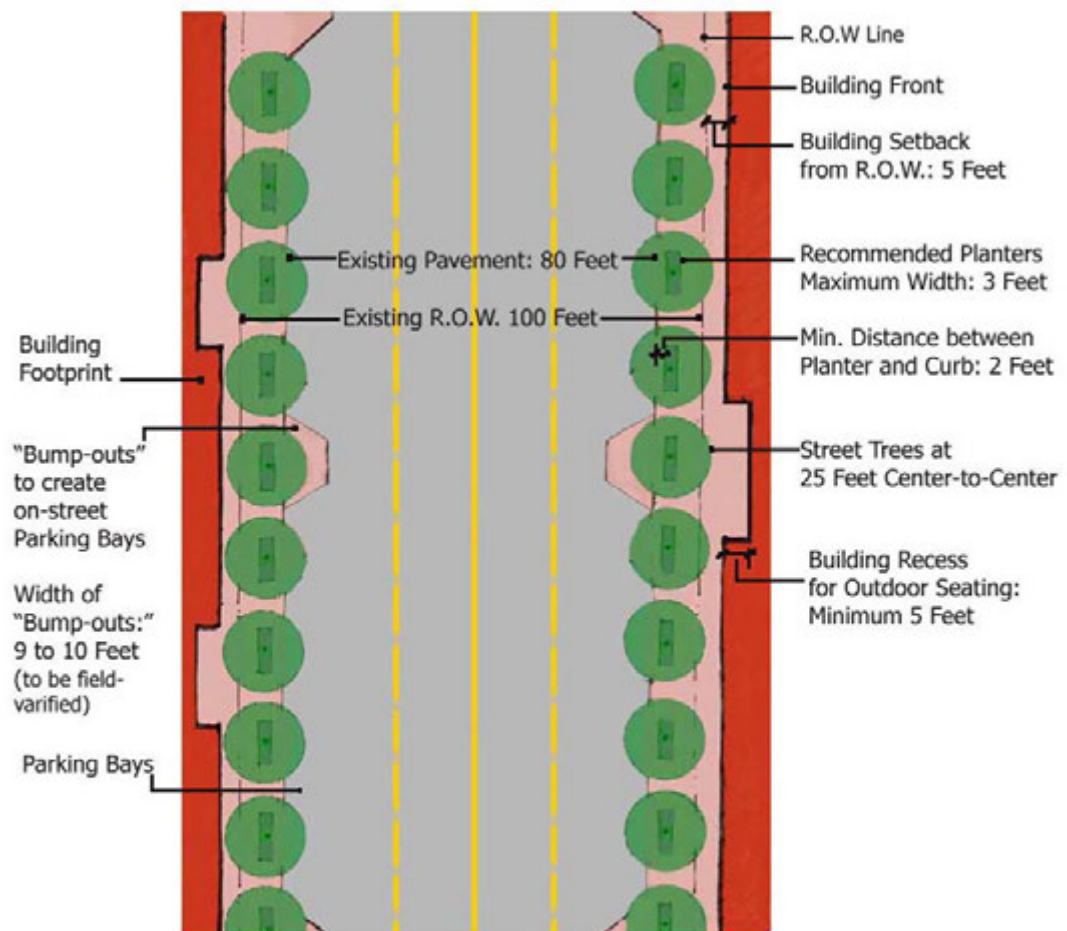


Figure 7: Lincoln Avenue Corridor Redevelopment Guidelines

(Note: These guidelines also apply to Touhy Avenue Redevelopment, in proximity to Lincoln Avenue)

3. **Building Heights:** No building in Lincoln Avenue Corridor should have more than three floors, except in the recommended mixed-use/downtown hub where the buildings may be five stories tall. As shown in Figure 8, portions of building higher than three stories, should be recessed back a minimum of 10 feet.

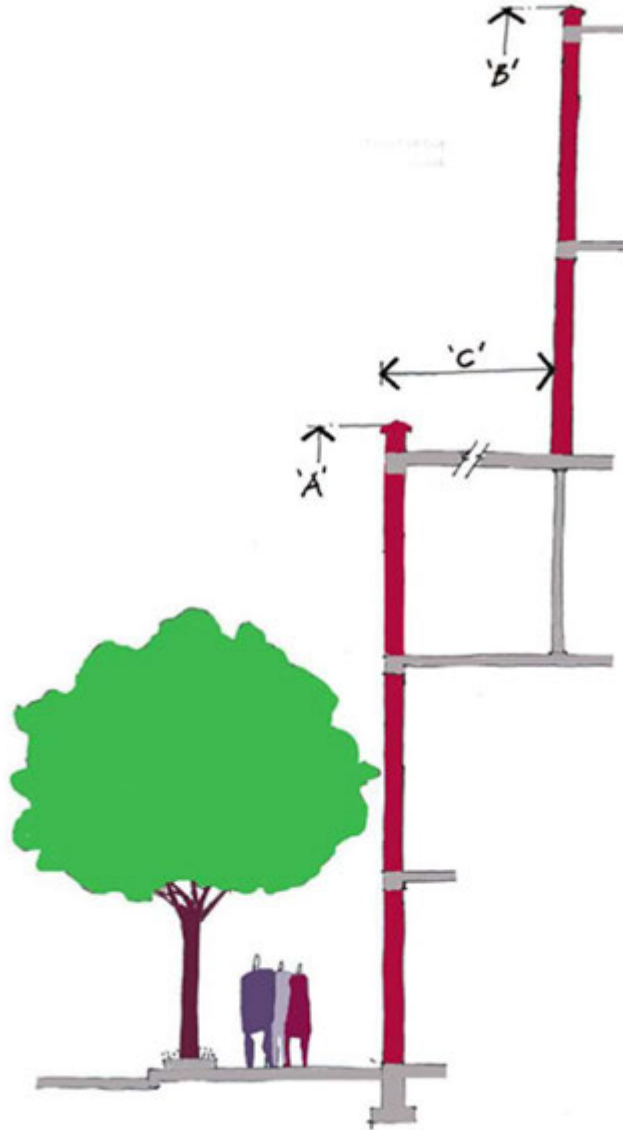


Figure 8: Illustrative Guidelines for Buildings Higher than Three Floors

- 'A': Maximum Allowable Height Immediately Adjacent to Sidewalks: 3 Floors/38 feet
(Measured to the top of eave from the top of the sidewalk)
- 'B': Maximum Allowable Height for Buildings: 5 Floors/65 feet
(Measured to the top of the eave from the top of the sidewalk)
- 'C': Minimum Setback for Floors Above Three Floors: 10 feet

4. **Building Orientation and Elevation:** New buildings in the corridor should be located parallel to the street frontage. The mass of buildings should be broken up in a rhythmic fashion – well articulated -- so as not to create plain building facades. Balconies and other such elements may be used to create variety and interest and yet remain integral to the overall design of the building (See Image 1)



Image 1: An example of building placed parallel to Lincoln Avenue, with a well-articulated building elevation

5. **Angled Building Facades to Streets:** On an exceptional basis, provided there is a strong reason to do so, the Village may approve buildings with angled façade toward Lincoln Avenue. Image 1 is an example of angled buildings that may be considered acceptable on exceptional basis.



Image 2: An example of angled buildings facing a major street that may be acceptable

6. **Building Corner Towers:** Buildings located at a major intersection should have a tower feature at the corner that may emphasize key entrance to the building. These

corner towers should be in harmony with the building's architecture and will be allowed to exceed the maximum permitted building height so as to create the distinct appearance. (See Image 3 for illustration)



Image 3: An example of "Corner Tower" integral to the overall design of building

7. **On-street Parking:** For new buildings facing Lincoln Avenue there should be on-street parking as part of a sidewalk system that includes "bump-outs" from the existing sidewalk line. All required parking for a use should be provided behind the buildings. (See Figure 7 for parking "bump-outs.")
8. **Building to Building Relation Across or Along Lincoln Avenue:** Buildings located next to each other along the corridor, and buildings located across the street, should have a level of design consistency through either the use of similar materials and colors or distinct architectural elements such as cornices, dormers, balconies, brackets and pendants. It is not necessary for buildings to have the same architectural style to achieve design consistency, although it can help.
9. **Impacts on Adjoining Residential Uses:** Whenever the rear parking impacts the uses on adjoining properties, specific landscape buffers, fences or short walls, or a combination thereof, should be installed by the new building owners
10. **"Dead" Walls Along Streets:** While attractive landscaping can enhance the quality of streetscape, buildings with "dead" or blank walls along the sidewalks should be avoided (or minimized). Residential or other buildings with units above a terrace and parking below that create blank walls along the street should be avoided. (See Images 4 & 5 for comparison.)



Image 4: Example of attractive landscaping that enhances streetscape



Image 5 shows the same streetscape (as in Image 4) with buildings that create blank walls along a sidewalk. This is an example of building relation to street that should be discouraged.

B. Additional Design Guidelines for Residential Buildings

1. ***Placement of Residential Buildings with Fences in Front Yard:*** Residential buildings with fences in front yard should not be placed more than 10 feet from the right-of-way line. In such cases, the fence should be placed at 5 feet from the right-of-way line, with a hedgerow behind the fence toward the building side. The fences in the front yards should be wrought iron that are no more than 4' high. (See Image 6)



Image 6: An acceptable example of fence along residential buildings facing Lincoln Avenue

2. ***Pedestrian Access to Residential Buildings:*** Residential buildings should have direct access to units from the front street side, with strong entries to individual units emphasized by distinct architectural elements such as porticos. (See Image 7)



Image 7: Residential building along street with strong statement for entries to units

3. ***Vehicular Access to Residential Buildings from Lincoln Avenue:*** No residential building should be allowed to have garages facing Lincoln Avenue or driveways with direct vehicular access from Lincoln Avenue.
4. ***Garages in Residential Buildings:*** For residential buildings, the fronts of units at the rear of the property should not face the garages of the units in the building in front. (See Image 8 that is an example of what should not be allowed.)



Image 8 shows residential units facing garages. This should not be allowed in the corridor.

5. ***Pocket Parks in Residential Projects:*** For new residential projects on properties with shallow depth, pocket parks between buildings should be provided to create visual interest and on-site recreational opportunities. (See Image 9)



Image 9: Pocket parks for properties with shallow depth

C. Additional Design Guidelines for Commercial and Mixed-Use Buildings

1. ***Outdoor Seating:*** For commercial buildings that allow outdoor seating for their patrons, the portion of buildings that houses cafes, restaurants and other such uses should be set back 5' from the normal build-to line. (See Image 10)



Image 10: Additional building set back from build-to line to allow outdoor eating and other activities

2. ***Minimum Height for Building Setbacks for Outdoor Seating:*** For the outdoor seating areas created by the additional setback from the build-to line, the minimum height for “recesses” should be 10 feet. (See Figures 6 & 7 for building “recesses”)

Request for Board Action

REFERRED TO BOARD: June 3, 2014

AGENDA ITEM NO: 9

ORIGINATING DEPARTMENT: Community Development

SUBJECT: Consideration of an Ordinance Adopting Various Zoning Ordinance Text Amendments to the Definitions Section and to the Off-Street Parking Requirements

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

At the May 6, 2014 Village Board meeting, the Village Board considered the recommendation of the Plan Commission concerning various text amendments to the Definitions Section and off-street parking requirements of the Zoning Ordinance.

More specifically, the Plan Commission recommended:

- modification to the definition of “Fence Semi-Private or Semi-Private Fence” in order to clarify and eliminate potentially redundant and confusing text;
- modification to the definition of “Façade” to align with the commonly accepted definition of façade;
- adding a definition for “Elevation” to enhance and clarify the Design Requirement regulations;
- modifying definitions for “Restaurant” and “Restaurants, Fast-Food or Carryout” in order to clarify and make consistent these terms and references found in the Zoning Code Table for Permitted and Special Uses; and
- amending off-street parking requirements for “Restaurant” and “Restaurants, Fast-Food or Carryout”.

The Plan Commission, as part of their review of the restaurant definitions, also reviewed off-street parking requirements for nearby communities. The Commission made their recommendation to modify the off-street parking requirements for restaurants in order to incorporate appropriate standards for the newly defined restaurant types. The Plan Commission recommended:

- *Carryout restaurant:* 1 parking space for each 300 square of floor area; and
- *Limited-service and full-service restaurants:* 1 parking space for each 100 square feet of floor area.

Upon consideration, at its May 6, 2014 meeting, by a 4-2 vote, the Village Board moved to concur with the Plan Commission recommendation and directed the Village Attorney to prepare the requisite Ordinance. Attached for consideration is this proposed Ordinance prepared by the Village Attorney consistent with this direction of the Village Board.

FINANCIAL IMPACT:

None

DOCUMENTS ATTACHED:

1. Proposed Ordinance

RECOMMENDED MOTION:

Move to approve an Ordinance to amend Section 2.02 and Section 7.10 of the Zoning Code concerning various definitions and off-street parking requirements.

VILLAGE OF LINCOLNWOOD

ORDINANCE NO. 2014-_____

**AN ORDINANCE AMENDING SECTIONS 2.02 AND 7.10 OF THE
VILLAGE OF LINCOLNWOOD REGARDING VARIOUS
DEFINITIONS AND OFF-STREET PARKING REGULATIONS**

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF LINCOLNWOOD
THIS ____ DAY OF JUNE, 2014.

Published in pamphlet form
by the authority of the
President and Board of Trustees
of the Village of Lincolnwood,
Cook County, Illinois
this ____ day of _____, 2014

ORDINANCE NO. 2014-_____

**AN ORDINANCE AMENDING SECTIONS 2.02 AND 7.10 OF THE
VILLAGE OF LINCOLNWOOD REGARDING VARIOUS
DEFINITIONS AND OFF-STREET PARKING REGULATIONS**

WHEREAS, the Village of Lincolnwood is a home rule municipal corporation in accordance with Article VII, Section 6(a) of the Constitution of the State of Illinois of 1970; and

WHEREAS, the Village has the authority to adopt ordinances and to promulgate rules and regulations that pertain to its government and affairs; and

WHEREAS, Section 2.02 of "The Village of Lincolnwood Zoning Ordinance," as amended ("**Zoning Ordinance**"), sets forth definitions of terms used in the Zoning Ordinance; and

WHEREAS, Section 7.10 of the Zoning Ordinance sets forth off-street parking requirements for uses found in the Zoning Ordinance; and

WHEREAS, the Village President and Board of Trustees desire to amend the Zoning Ordinance to update and clarify certain existing definitions and off-street parking requirements in the Zoning Ordinance ("**Proposed Amendments**"); and

WHEREAS, pursuant to notice duly published in the *Lincolnwood Review* on January 17, 2013, the Village Plan Commission conducted a public hearing on several dates between February 6, 2013, and May 7, 2014, concerning the Proposed Amendments; and

WHEREAS, at the conclusion of the public hearing, the Plan Commission made findings and recommended that the President and Board of Trustees adopt the Proposed Amendments; and

WHEREAS, having considered the findings and recommendations of the Plan Commission, the President and Board of Trustees have found and determined that the adoption of the Proposed Amendments, as set forth in this Ordinance, is in the best interests of the Village and its residents;

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LINCOLNWOOD, COOK COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The facts and statements contained in the preamble to this Ordinance are found to be true and correct and are hereby adopted as part of this Ordinance.

SECTION 2. DEFINITIONS. Section 2.02 of Article II of the Zoning Ordinance is hereby amended further to read as follows:

Additions are bold and double-underlined; ~~deletions are struck through.~~

"2.02 DEFINITIONS

* * *

FENCE, SEMI-PRIVATE, OR SEMI-PRIVATE FENCE: A Fence which is not a Solid Fence nor an Open Fence. These types of fences are restricted to board-on-board **fences (also known as** and shadow box types). The open space between vertical fence boards shall not exceed 85% of the width of the boards on the same side of the Fence.

* * *

FACADE: The exterior wall of a building facing a public or private street, or a public access drives. An exterior wall that faces an alleyway is not a "façade" the purposes of this Chapter. ~~The exterior wall of a building that is exposed to public view.~~

* * *

ELEVATION: The external face of a building or structure.

* * *

~~RESTAURANT A place of business in which food, drinks or refreshments are prepared and sold to customers primarily for consumption on the premises, and for which carry-out services and facilities are clearly subordinate to the principal use of providing prepared foods for consumption on the premises. The term "restaurant" includes, without limitation, establishments such as cafes, lunch counters, cafeterias, or other similar businesses, but does not include fast food restaurants.~~

* * *

RESTAURANT, CARRYOUT: Any establishment at which the primary purpose of the operation is the preparation and service of food and/or beverages for immediate consumption off the premises and that has not more than five seats available to patrons for on-premises consumption.

* * *

~~RESTAURANT, FAST-FOOD OR CARRY-OUT Any business in which the principal part of the business is providing food or meals for compensation in disposable wrappers or containers for consumption within the principal building or off the premises at which it is prepared.~~

* * *

Additions are bold and double-underlined; ~~deletions are struck through.~~

RESTAURANT, LIMITED SERVICE: An establishment that provides food and/or beverage services (other than carryout restaurants) at which patrons order or select items and pay before eating or drinking. “Limited service restaurant” includes, without limitation, cafeterias that use cafeteria-style serving equipment, a refrigerated area, and self-service beverage dispensing equipment, and at which food and drink items are displayed in a continuous cafeteria line.

* * *

RESTARUANT, FULL-SERVICE: An establishment that provides food services to patrons who order and are served while seated, and who pay after eating.

* * *

SECTION 3. OFF-STREET PARKING SCHEDULE. Table 7.10.1 of Article VII of the Zoning Ordinance is hereby amended further to read as follows:

"TABLE 7.10.1 – Permitted and Special Uses in All Zoning Districts

* * *

Use Category	Required Parking Spaces
Commercial Uses	
Eating and drinking establishments	
<u>Carryout restaurant</u>	<u>1 parking space for each 300 square feet of floor area.</u>
<u>Limited-service and full-service restaurants</u>	<u>1 parking space for each 100 square feet of floor area.”</u>

* * *

SECTION 4. SEVERABILITY. If any provision of this Ordinance or part thereof is held invalid by a court of competent jurisdiction, the remaining provisions of this Ordinance are to remain in full force and effect, and are to be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Ordinance to the greatest extent permitted by applicable law.

SECTION 5. EFFECTIVE DATE. This Ordinance will be in full force and effect from and after its passage, approval, and publication in the manner provided by law.

[SIGNATURE PAGE FOLLOWS]

Additions are bold and double-underlined; ~~deletions are struck through.~~

PASSED this ____ day of June, 2014.

AYES: _____

NAYS: _____

ABSENT: _____

ABSTENTION: _____

APPROVED by me this ____ day of June, 2014.

Gerald C. Turry, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office this
____ day of June, 2014.

Beryl Herman, Village Clerk
Village of Lincolnwood, Cook County, Illinois

Additions are bold and double-underlined; ~~deletions are struck through.~~