Return to COTW Memo

**VILLAGE OF LINCOLNWOOD**
**PRESIDENT AND BOARD OF TRUSTEES**
**COMMITTEE OF THE WHOLE MEETING**
**VILLAGE HALL COUNCIL CHAMBERS**
**6:30 P.M. FEBRUARY 6, 2018**

# AGENDA

**I) Call to Order**

**II) Roll Call**

**III) Minutes –**

1) Committee of the Whole Meeting Infrastructure Workshop – November 30, 2017

2) Committee of the Whole Meeting – January 16, 2018

**IV) Regular Business**

1) Discussion Concerning the Results of the Citizen Survey (6:30 – 7:30 p.m.)

**V) Public Comment**

**VI) Adjournment**

DATE POSTED: February 2, 2018

**VILLAGE OF LINCOLNWOOD**
**PRESIDENT AND BOARD OF TRUSTEES**
**COMMITTEE OF THE WHOLE**
**INFRASTRUCTURE WORKSHOP**
**VILLAGE HALL COUNCIL CHAMBERS**
**NOVEMBER 30, 2017**

**DRAFT**

## Call to Order

President Bass called the Committee of the Whole Infrastructure Workshop meeting of the Lincolnwood Board of Trustees to order at 6:00 P.M., Thursday, November 30, 2017, 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 Deputy Village Clerk Ashley Engelmann the following were:
PRESENT: President Bass, Trustees Ikezoe-Halevi, Patel (6:02 p.m.), Sugarman, Helpas Nickell, Spino

ABSENT: None

A quorum was present. Also present: Timothy Wiberg, Village Manager, Ashley Engelmann, Assistant Village Manager; Andrew Letson, Public Works Director; Nadim Badran, Assistant to the Public Works Director; Jim Amelio, Village Engineer; Robert Merkel, Finance Director; Ben Harris, Accountant; Chuck Meyer, Assistant to the Village Manager; Dan Dem, Christopher B. Burke Engineering, LTD.

## Regular Business

### Infrastructure Workshop

Mr. Wiberg provided a brief introduction as to the purpose of the workshop which is to discuss the Village's long term infrastructure goals, examine the infrastructure assessment for water mains, roadways, sidewalks and alleys and discuss options for improvements, associated costs and funding strategies. A presentation was made using PowerPoint.

Mr. Wiberg provided background on the history of the Village's infrastructure improvements. From 1995-2002 the Village implemented an infrastructure program which included streets, water mains and sewer lining. The total cost for the improvements was $14.5 million. The program was initiated after a catastrophic roadway failure occurred.

In 2007 an infrastructure workshop was held in which a multi-year improvement plan was approved. The first items to be addressed were the Village's street lights, which included

replacement of existing concrete poles and the installation of new lights on arterial streets where they did not exist. This program is anticipated to be complete in 2018. In 2015, the Village began resurfacing streets that were over 21 years old. Staff was directed to fund the multi-year 2007 plan using existing revenue through a pay-as-you-go method.

Per the 2007 plan once street lights were complete roadways would begin being resurfaced. Staff worked with the Village Engineer to develop an assessment of the roadways in the Village for planning purposes.

It was noted that the 2007 infrastructure plan as contemplated would take 21 years to complete and would require $1.65 million per year in revenues. If this plan were implemented the oldest street would be 38 years old at the time of resurfacing. Asphalt streets have a design life of 20 years. The Village currently receives approximately $600,000 in local revenues annually (Motor Fuel Tax and Local Gas Tax). Using existing revenues the program would take 58 years to resurface every local road. The 2007 plan did not include water mains, sidewalks or alleys.

Mr. Wiberg noted that the Village Engineer was tasked with developing a plan that would include roadways, sidewalks, water mains and alleys. The plan makes certain assumptions regarding the percentage of each infrastructure item to be addressed each year as well as funding mechanisms.

The plan includes the following:

Roadways- resurface all over a 10 year period- $34.7 million
Sidewalks- infill where there is neighborhood support- $3.2 million
Water mains- replace all “poor” condition- $7.8 million
Alleys- convert unpaved alleys adjacent to commercial areas to concrete and resurface all other paved alleys

The total cost for the plan is $47.1 million.

Mayor Bass asked if the Devon/Lincoln Tax Increment Financing (TIF) funds could be utilized for alley resurfacing. Mr. Wiberg noted that there is not a lot of funding in the TIF but that money could be ported from the NEID (Northeast Industrial District) TIF.

Trustee Cope suggested that we begin by looking at the water mains that need to be replaced and correlate that with the streets that need to be repaired. Trustee Cope also asked if we just use annual MFT revenues how much would go towards paying off a bond.

Mr. Wiberg noted that the approach regarding water mains and roads being correlated is the approach that Christopher B. Burke Engineering, LLC. (CBBEL) took.

Mr. Amelio confirmed that the recommendation is to replace the water mains that are in poor condition first and resurface the corresponding streets. At some point the balance of the streets will need to be resurfaced as well.

Trustee Cope asked if there is a breakout of just the water mains and roads that are in poor condition.

Mr. Letson noted that was their original thought. When we began developing the plan the concern was that the other roads that are not being touched are continuing to age. As they continue to degrade it increases the likelihood that a full reconstruction will be necessary which doubles the cost of the project.

Trustee Cope noted that if we do a road now and don't touch the water main we may have to dig up a new road shortly thereafter.

Trustee Patel noted that staff's recommendation stated that a road would not be resurfaced solely unless the water main has a 20 year life expectancy.

Mr. Wiberg noted that a roadway has a shorter life cycle than a water main. The plan starts with replacing the roadways that are associated with problematic water mains. When those are completed there will be roadways where water mains don't need to be replaced but the road condition warrants resurfacing.

Trustee Cope asked what the cost would be to resurface the roads that are above the water mains that need to be replaced.

Mr. Amelio responded that the $7.8 million in water mains that are recommended for replacement now are associated with approximately $9 million in road resurfacing costs. It would be approximately $17 million total to replace the poor water mains and roadway surfaces associated with them.

Trustee Cope noted that we should be seriously considering those projects.

Mr. Letson noted that only addressing those components does not address the concern of a catastrophic failure of a roadway occurring on roads that require resurfacing now.

Trustee Cope noted that it could be looked at it more incrementally.

Trustee Patel stated that the plan is presented as doing it incrementally.

Trustee Sugarman confirmed that the average life of a resurfaced street is 20 years and asked if we have resurfaced streets in the last 10 years.

Mr. Letson noted that Pratt Avenue has been resurfaced.

Trustee Sugarman asked if that street would be resurfaced again as part of this plan.

Mr. Amelio noted only when it reaches its life cycle.

Trustee Sugarman noted that we should clarify when we say all streets that a street like Pratt Avenue won't be included.

Trustee Hlepas Nickell stated that she recalls from the last time this occurred that a matrix was developed to assess the infrastructure to determine when and what needs to be done.

Trustee Sugarman asked for clarification as to the fact that only Pratt Avenue was resurfaced in the last 10 years.

Mr. Wiberg confirmed this.

Mr. Letson explained that the other streets are just hitting their design life in 2017.

Trustee Hlepas Nickell asked how accurate our historical records are.

Mr. Letson noted that we have all of the project files from Gewalt Hamilton Associates, the Village's prior Village Engineer.

Mr. Amelio presented the roadway evaluation. He noted that CBBEL performed a visual analysis of all Village owned roads using a qualitative analysis. They were rated based on rideability, pavement condition and drainage. Example pictures of condition types for pavements were displayed.

Trustees Sugarman and Cope asked how roads are evaluated to ensure that they will not require more than just resurfacing.

Mr. Amelio explained the process of obtaining pavement cores which are evaluated to understand the condition of the base of the road.

Trustee Cope asked how a roadway is resurfaced when a water main needs to be replaced underneath.

Mr. Amelio explained that the only locations that need to be excavated for water main replacement are where the trench would be located to lay the pipe. This is typically a four foot wide section. He confirmed that is included in the cost estimate.

Trustee Hlepas Nickell noted that the infrastructure improvements have to be done.

Mr. Amelio presented the rating results, which were as follows:

Good- 1.7 miles (4% of the roadways)
Average- 33.2 miles (81% of the roadways)
Fair- 4.4 miles (11% of the roadways)
Poor- 1.7 miles (4% of the roadways)

Mr. Amelio noted that the assessment was completed approximately six months ago.

Trustee Patel stated that in the last 10 years while roads were not ready to be resurfaced street lights, sidewalks and fire hydrants were replaced. The idea 10 years ago was that in 10 years we will need to start replacing streets again.

Trustee Sugarman asked if once we do this will we then not have to do this again for 20 years.

Mr. Wiberg noted that with a cycle there may be a few years where we won't have to do anything but we want to create a cycle.

Trustee Patel noted that plowing and salting operations affect the condition of the roadways.

Trustee Hlepas Nickell noted that the anti-icing operations that are done help by using less salt on the roads.

Mr. Amelio presented a map depicting the condition ratings.

Mr. Amelio presented a summary of items included in a typical replacement section of roadway. It included the following:

- 2" of asphalt surface replacement
- Curb and gutter 30%
- Sidewalk removal and replacement 5%
- ADA sidewalk intersections

Staff is recommending resurfacing of all local roads over 10 years. If roads are not resurfaced they will eventually require reconstruction at double the cost. At the conclusion of the program, the oldest street will be 27 years old.

Mr. Amelio presented examples depicting the improvements that are being proposed.

Mr. Letson discussed options to fund the program. In 2007 the pay-as-you-go method was utilized. Due to the fact that $600,000 annually is available all of the roads would not be complete until 2077. This would mean that some roads would reach almost four times their life cycle if this schedule was used.

Staff is recommending a combination of bonds and revenue enhancements to fund the proposed 10 year program. The bond would require $3.47 million per year in debt service. Current revenues would fund a debt service on $8 million in bonds.

Trustee Sugarman noted that we need to ensure that we get on a cycle of doing the roads over a 20 year period.

Mr. Amelio presented the sidewalk evaluation that was conducted. CBBEL performed a visual analysis of all Village owned sidewalks to determine Americans with Disabilities Act (ADA) compliance. The Village's current practice is to assess the sidewalk need for every proposed

roadway project and adjust as needed. Sidewalks were rated based on compliance, non-compliance, and no existing sidewalk. The Village currently has a program to address trip hazards and deteriorated sections of sidewalk, but there is no program to install new sidewalk or widen existing sidewalk.

Example pictures were presented to depict the different categories of sidewalks.

Mr. Amelio presented the evaluation of intersections within the Village. It was noted that 20% are ADA compliant while 80% are non-compliant. The minimum improvement needed to meet ADA requirements is to bring intersections with existing sidewalks into compliance. This work would be done in conjunction with road resurfacing. The cost of this has been rolled into the overall road program cost.

Mr. Amelio presented an assessment of the mainline sidewalk which is as follows:

- 34% compliant
- 52% non-compliant
- 14% no sidewalk
- The ADA does not require sidewalks to be installed where they do not currently exist

The non-compliant sidewalks are currently too narrow (min. 4 feet). Widening all non-compliant sidewalks would cost $16.6 million. Widening existing sidewalks would affect the character of the neighborhood.

Mr. Amelio presented several exhibits which depict typical sidewalk examples.

Mr. Wiberg noted that if the Board wants to install sidewalks and move them back from the curb it will most likely be difficult to get all residents on board.

Trustee Cope asked if any infill sidewalks were included in this cost estimate.

Mr. Letson noted that there is a cost estimate included for infill for some areas that would be interested in having this occur.

Trustee Patel stated that the Traffic Commission did look at sidewalk infill in some locations previously.

Mr. Amelio clarified that $3.2 million is estimated to be spent on infill where needed.

Trustee Hlepas Nickell noted that she recalls the Towers area had been asked previously if they wanted sidewalks and they did not.

Trustee Patel noted that he is more concerned with arterial sidewalks rather than residential.

Mr. Amelio clarified that the Village's responsibility with respect to ADA law is that intersections must be brought into compliance if an adjacent sidewalk is present.

Trustee Hlepas Nickell noted that she would like to see curb replacement considered more than sidewalk infill.

Trustee Sugarman asked Mr. Letson to clarify his statement that most Villages' currently resurface streets annually.

Mr. Letson explained that the goal is to resurface a section annually.

Trustee Sugarman stated that we need to get on a cycle of resurfacing 1/20$^{th}$ per year of the roads.

Mr. Letson stated yes and the reason why our current proposal is not 1/20$^{th}$ per year is that by the time we would hit year 20 the oldest street would be 38 years old which is past their design life. That is why it is recommended to complete it over a 10 year period. The next cycle would extend to 15 or 20 years.

Trustee Sugarman noted that the goal and vision should be to get on a 20 year cycle.

Mr. Amelio began discussing the conditions of the Village's water mains. In 2015, CBBEL updated the Village's existing water system model using WaterGEMS modeling software. CBBEL created a matrix for evaluating the water mains based on the following:

- Number of Breaks
- Pavement Condition
- Age
- Fire Flow
- Size
- Material

Approximately 55% of the Village's water mains were built during the 1920's while the remainder was built from 1950 on. Mr. Letson noted that the water mains that were built in the 1950's and 60's were not from as high of quality material. We are getting to the point that a significant portion of the mains will be 100 years old, therefore we need to start systematically replacing them. Mr. Letson presented a map that depicted the Village's water mains by decade of installation. Mr. Letson went on to explain how water mains begin to weaken and ultimately break. Mr. Letson provided a table which identified how many water main breaks the Village has experienced annually since 2010.

Mr. Amelio provided an explanation of the water main evaluation scale that was used. The assessment found that 40% of the Village's mains are in good condition, 15% in average condition, 27% in fair condition and 18% in poor condition.

Mayor Bass asked if the Village's automated water meter system has the ability to notify the Village of leaks within the system.

Mr. Letson noted that it does not and he further explained how the Public Works Department evaluates and identifies potential water main breaks and leaks.

Mr. Amelio explained how a typical water main is replaced. He noted that a typical replacement section is 8" ductile iron, a new 1" water service up to the B-Box, valves, fire hydrants and an asphalt pavement patch over the trench. Staff is recommending the replacement of all poor mains first.

Mr. Amelio stated that water main replacement projects typically include replacement of the water service line from the main to the property line. The Illinois Environmental Protection Agency (IEPA) strongly encourages that lead service lines be completely replaced. The Village estimates that between 60-80% of homes in Lincolnwood have at least a portion of their service lines that are lead.

Service Line Replacement Options

1. Village replace the entire service line ($1,500 ea., $5.7 million for the entire system)

2. Resident replace their section of the service line, using the Village's contractor which is staff's recommendation

It was noted that the contract for the work would be between the property owner and the contractor. Mr. Amelio explained that the IEPA requires a notice to property owners for replacements and when waterman breaks occur a notice is issued to property owners notifying them that it could potentially result in elevated levels of lead in their water and to flush their faucets accordingly.

At this time Mr. Letson stated that we would discuss paving of alleys within the Village and return to funding options.

Mr. Amelio explained that a visual assessment was conducted of the alleys. It was a visual assessment reviewing rideability, pavement condition and drainage. The residential alley assessment results found that 1% is in good condition, 7% in average condition, 9% in fair condition and 83% in poor or unpaved condition. The commercial alley assessment results found that 4% are in good condition, 27% are in average condition, 60% are in fair condition and 9% are poor or unpaved.

Mr. Amelio explained what a typical section of replacement would look like. He noted that a typical replacement section would include excavating 14" of existing gravel alley, installing concrete (8" thick) and stone (6" thick), replacement of 2' of driveway to garages and minor drainage improvements. He noted that asphalt may cost less than concrete, but will require more maintenance, and have a shorter life.

Staff is recommending resurfacing existing asphalt alleys at a cost of $770,000 and converting existing alleys in commercial areas that are gravel or contiguous to a gravel alley to concrete at a cost of $634,000. That would include the alley North of Devon from Drake Avenue to McCormick Boulevard and the alley north of Lincoln Avenue from Monticello to Central Park Avenues.

Trustee Cope asked how many of the alleys are actually in use. Mr. Letson noted that if an alley is not in use the Village has vacated it.

Trustee Sugarman asked if the cost estimates include engineering. Mr. Amelio confirmed that they do.

Mr. Wiberg discussed the history of how some alleys ended up being paved and others did not.

Mr. Letson noted that we currently re-grade all stone alleys annually. Mr. Letson further discussed a french drain program that the Public Works Department has been implementing in some of the alleys to help with standing water after storm events in certain alleys.

Trustee Patel noted that the grading is adding stone and we are not engineering the grade. This has added height to all of the alleys and it needs to be addressed.

Mr. Letson gave a brief overview of the Village's sewer program. He noted that since re-lining and pipe bursting can be done without excavating streets it is not as essential to review the sewers as part of the overall infrastructure program and therefore it was not included in the program.

The Village's sewer system was last comprehensively televised in 2009. The inspection identified several areas of concern that were addressed through a four year lining and spot repair program. The system was found to be generally in good condition.

Best practice is to televise sewers every 10 years. Upon completion of the next inspection program, additional lining projects will be identified.

Mr. Wiberg began discussing funding requirements for the proposal presented. If the Village used a pay as you go method $780,000 per year would be needed, current revenues will not support this amount. A 20 year bond could be utilized which would be four bond issuances. The annual debt service would be $150,000-$620,000. The Water Fund currently has a balance of $1 million. This would be to replace all of the water mains in the Village that have a condition rating of poor.

Mr. Wiberg reviewed what charges are currently on a water bill in the Village.

Mr. Wiberg presented estimated water supply rates from the City of Evanston. The first year supply rate is estimated to be $1.44/1,000 gallons. The Village currently pays the City of Chicago $3.88/1,000 gallons.

Mr. Wiberg explained what various savings would look like on a water bill to the average customer.

Mr. Wiberg explained that the total water main replacement cost is $7.8 million. There are three scenarios concerning the water rate that were considered.

Option 1: Stabilize the rate through 2023
Option 2: Reduce the rate by 5%, and then stabilize through 2023
Option 3: Reduce the rate by 10%, and then stabilize through 2023

Reducing the water rate produces insufficient funds to pay for the debt service.

Option 2: Insufficient revenue in 2025
Option 3: Insufficient revenue in 2022

Mr. Merkel reviewed the proposed bond rates with the Village's financial consultant.

Staff is recommending stabilizing the rate through 2023.

Trustee Sugarman asked for clarification regarding what is being proposed. He asked if the rate we would charge to residents would remain the same as what we charge now.

Mr. Letson reviewed what the maximum reduction would be on the Village's water bill in order to still be able to meet the debt service for the infrastructure improvements that are needed to connect with the City of Evanston. That amount is 87 cents. The additional savings that are contemplated in Options 2 and 3 are the remaining amount of savings after the debt service for the transmission main has been accounted for.

Trustee Patel noted that at a 10% reduction in the water bill the very high user would see a $10/month savings. However the money needed to pay for the improvements would have to come from somewhere.

Mr. Wiberg explained a graph that shows debt service requirements versus available funds. He noted that a rate reduction could be looked at in 2024. Until then an 8 year rate freeze would occur while the system is updated.

Trustee Sugarman noted that there will be an expectation to lower resident's water rates.

Mr. Wiberg stated that if we reduce the rates we cannot replace any water mains and/or we would have to add another capital fee on the water bill to pay for the infrastructure.

Mr. Wiberg clarified that staff has never stated that the Village was going to reduce water rates if an alternative water supplier was selected.

Trustee Cope stated that it is a fair assumption that if we have these improvements to make they have to be made regardless of if an alternative water supplier was selected.

Trustee Sugarman reiterated that if we were not getting a lower water rate we would still need funds to pay for the improvements.

Mr. Wiberg stated that we may have to raise the rates if that was the case.

Trustee Patel clarified that the misconception is that the move to Evanston was to save customers rates. The move to Evanston was to get out from under the City of Chicago who was not managing their infrastructure and implementing uncontrolled rate increases.

Trustee Patel further noted that when this was discussed in August it was noted that if we reduced water rates we would have to add a charge to the water bill to pay for the infrastructure.

Mayor Bass, Trustee Sugarman and Trustee Cope all noted that we may not be able to pass on the full savings but some savings needs to be passed on to the residents.

Mr. Wiberg stated that if it is the Village Board's desire to reduce the rates then we cannot do any water main replacements or we can float a bond and add a line item to the water bill.

Trustee Patel said it will create an artificial sense of lowering the rate.

Trustee Cope asked how we will pay for all of the infrastructure improvements that need to be completed. If we issued a bond and we lower the water rates what would the Village have to do to pay the debt service?

Mayor Bass asked about the debt service line item that we currently have.

Mr. Merkel noted that the debt service line item on the water bill is for the IEPA loan which still has approximately 11 years left.

Trustee Cope stated that it seems only fair to take the savings from the water rate and pass them along to the residents. Then deal with the infrastructure funding through a bond and use taxes to pay for it.

Trustee Patel stated that he would not be in favor of increasing property taxes to pay for the debt service. He is in favor of including it on the water bill.

Trustee Spino noted that we will be saving the residents money by freezing the rates for 8 years and use that money to pay for the infrastructure improvements.

Trustee Cope stated that if we were going to save $10 on the water bill but we use it instead to replace water mains we can take it from taxes and they will still be paying the same amount of money.

Trustee Patel noted that water usage and water infrastructure improvements should not be connected with the value of a property on a property tax bill.

Mr. Wiberg stated that we can run scenarios where we have a one year of savings.

Mayor Bass stated that we should run a scenario with a decrease in the rate and accomplish what we need to and how we would.

Mr. Wiberg noted that we may have to extend out the years it takes to replace the water mains.

Trustee Sugarman asked to clarify the Skokie litigation that is currently going on.

Mr. Wiberg clarified that the Skokie litigation with Evanston is a separate matter and the City of Evanston contract that is being negotiated with Lincolnwood will include contractually obligated rates. The Village will be protected for thirty years regarding rates.

Trustee Ikezoe-Halevi stated that what staff presented is extremely reasonable. She believes that Lincolnwood residents can understand this. We will have infrastructure replaced and a water rate frozen.

Mayor Bass stated that he agrees but he believes that we still need to show some savings to the residents, even if this means extending the timeline.

Mr. Wiberg stated that the direction he is hearing is for the water aspect of the improvements we need to demonstrate a water rate decease when our rates go down and stretch out the time to accomplish the goals. It is important to note that there will be an increase after the decrease in order to pay for the infrastructure.

Trustee Patel stated that he does not agree with that method.

Mr. Wiberg presented the infrastructure program cost summary:

| Program | Annual Cost* | Total Cost |
|---|---|---|
| Road Resurfacing | $3,470,000 | $34,700,000 |
| Sidewalk Infill | $320,000 | $3,200,000 |
| Alley Program | $140,000 | $1,400,000 |
| Road Funds Total | $3,930,000 | $39,300,000 |
| Water Main Replacement | $780,000 | $7,800,000 |
| Total – All Funds | $4,710,000 | $47,100,000 |

*Annual costs are an average over 10 years and may be different based on the actual projects selected for each individual year

Water revenues cannot pay for road improvements that do not have a direct nexus to a water project. Water revenue could pay for the road patch over a new water main, but not the resurfacing of the rest of the street. The Village needs $39.3 million in road funds to pay for the expenditure over 10 years. Staff is proposing five bond issuances - $8 million each. This would require $590,000 - $3,100,000 in debt service. Each bond issuance adds approximately $600,000 in debt service. Existing revenue cannot support the debt service beyond the first bond issuance.

Mr. Wiberg presented revenue enhancement alternatives.

| Option | Current | Proposed Increase | Estimated Annual Additional Revenue |
|---|---|---|---|
| Home Rule Sales Tax | 1% | 0.25% | $600,000 |
| Local Gas Tax | $0.05 | $0.01 per gallon | $140,000 |
| Food and Beverage Tax | 1% | 1% | $480,000 |
| Refuse Service Fee | Paid for with General Fund revenue | $75 per quarter, phased in over four years | $1,140,000 (after the fourth year) |
| Total Additional Revenue | | | $2,360,000 |

- $2.5 million additional revenue needed for Road Fund
    - Each bond adds $600,000 in debt service
    - 5 bonds are needed for all of the required improvements

Mr. Merkel noted that homes rule sales tax, local gas tax and food and beverage taxes are paid by non-residents as well.

Mayor Bass asked how the local gas tax compares to the Village of Skokie.

Mr. Wiberg provided a comparison chart of neighboring community's local gas tax rates.

| Community | Rate |
|---|---|
| Chicago | 0.25% |
| Evanston | n/a |
| Glenview | n/a |
| **Lincolnwood** | **1.00%** |
| Morton Grove | 1.00% |
| Niles | 1.00% |
| Skokie | 2.00% |

Mayor Bass stated that we may want to look at increasing it a half percent and not a full percent.

Mr. Wiberg then showed a comparison of the food and beverage tax.

| Community | Rate |
|---|---|
| Chicago | $0.05 |
| Evanston | $0.04 |
| Glenview | $0.04 |
| **Lincolnwood** | **$0.05** |
| Morton Grove | $0.04 |
| Niles | $0.04 |
| Skokie | $0.05 |

Mr. Wiberg and Mr. Merkel noted that when past increases were discussed there was minimal attendance at the public meetings. Affected businesses were notified of the meeting to discuss the issue.

Mr. Wiberg explained that currently the Village's general fund covers the cost for refuse services. It was noted that most communities charge a separate fee for refuse. A survey of neighboring communities' was presented.

Mr. Wiberg presented the concept of implementing a fee using a phased in approach to impose a fee.

Mr. Wiberg showed a graphic that compares the debt service vs. the revenue enhancement options that were presented.

Mr. Wiberg explained staff's recommendation to pay the debt service. He stated that in 2019, the Village will have enough in existing revenues to pay the bond issuance up until 2020. In 2020 another bond would need to be issued. If the Village imposed an adjustment to the home rule sales tax we could accomplish this with the revenues from it. In 2023 we would need to issue another bond. At that point the Village would need to add one cent to the gas tax and a one percent increase to the food and beverage tax. In 2025 another bond issue would need to occur. At this point the Village could use a portion of the fund balance which is currently over the maximum excess fund balance policy. In 2027 the last bond would need to be issued. In order to pay the debt service the Village could phase in refuse collection costs. The first year staff would recommend imposing half of the cost of fees and then the second year the full cost would be passed through. This would pay for the entire infrastructure plan.

At this point Mayor Bass polled the Board.

Trustee Ikezoe-Halevi stated that she likes what was presented, that it was thought out. It is not going to affect everyone with everything all at once. She hopes that the Purple Hotel development will come to fruition and then we could potentially scale back the revenue enhancements to pay the debt service.

Trustee Patel agrees with paying for the things that we need to do.

Trustee Sugarman stated that it is clear to him that we need to make these improvements, the question is how we pay for it. He thinks that most of the ideas are acceptable; however he has concerns with respect to the water bill. People will think that they are going to get a savings. He noted that we need to restructure the water concept to allow for a year or two to see a reduction in resident's water bills. He noted that in general the funding options are good.

Trustee Sugarman stated that he believes that the workshops should occur more than every 10 years so that we can think about funding earlier. Planning for how to fund these issues needs to be addressed.

Trustee Patel noted that we have spent approximately $20 million over the last 10 years on infrastructure.

Trustee Spino asked Trustee Sugarman what he would have preferred with respect to planning for funding for the improvements.

Trustee Sugarman stated that he would have preferred that meetings on the subject happened more frequently to plan for the infrastructure needs.

Trustee Patel stated that there have been infrastructure meetings in the last 10 years.

Trustee Spino stated that regarding the debt service table she has no issue and thinks it's a good forward thinking path.

Mayor Bass stated that in terms of the model presented he feels that we need to look at spreading out the costs a little longer and in terms of water we need to look at a model that will add some savings. He noted that the infrastructure model has potential.

**Adjournment**

At 8:48 PM Trustee Spino moved to adjourn Committee of the Whole, Infrastructure Workshop, seconded by Trustee Patel. The motion passed with a Voice Vote.

Respectfully Submitted,

Ashley Engelmann
Deputy Village Clerk

Return to COTW Memo

**VILLAGE OF LINCOLNWOOD**
**PRESIDENT AND BOARD OF TRUSTEES**
**COMMITTEE OF THE WHOLE MEETING**
**VILLAGE HALL COUNCIL CHAMBERS**
**JANUARY 16, 2018**

**Draft**

## Call to Order

President Bass called the Committee of the Whole meeting of the Lincolnwood Board of Trustees to order at 7:05 P.M., Tuesday, January 16, 2018, 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 Bass, Trustees Spino, Hlepas Nickell, Ikezoe-Halevi, Patel, Cope (7:05 p.m.)
ABSENT: Trustee Sugarman

A quorum was present. Also present: Timothy Wiberg, Village Manager; Ashley Engelmann, Assistant Village Manager; Steve Elrod, Village Attorney; Charles Meyer, Assistant to the Village Manager; Doug Hammel, Community Development Manager; Steve McNellis, Community Development Director; Andrew Letson, Public Works Director; Nadim Badran, Assistant to the Public Works Director; Bruce Rottner, Interim Police Chief and Heather McFarland, Management Analyst.

## Approval of Minutes

Minutes of the December 5, 2017, December 19, 2017 and January 2, 2018 Committee of the Whole meetings were distributed in advance of the meeting and were examined.

Trustee Hlepas Nickel moved to approve the minutes as presented. Trustee Spino seconded the motion.

The motion passed with a Voice Vote.

## Regular Business

### 1. Discussion Concerning a Proposed Building Code Text Amendment

This item was presented by Mr. Hammel via PowerPoint. He began by presenting a brief background. This item was originally discussed in November of 2017.

Mr. Hammel presented the following reasons why staff is proposing consideration of an amendment:

- Contractors doing work without a Building Permit
- Contractors doing work without a Village License
- Contractors completing work without having passed interim inspections
- Contractors completing non-compliant work not shown in the Building Permit approved plans
- Unusually quick deterioration of work shortly after approval of final inspection and closing of the Building Permit

Mr. Hammel presented the following items for the Board to consider:

Does the Village support a more proactive approach (i.e. Contractor License revocation) to contractor monitoring? If so the following items should be discussed:

- What actions would trigger the possible revocation of a Village Contractor License?
- What would be an appropriate period for reinstatement?
- What impacts might this have on property owners in the Village?

Mr. Hammel noted questions that were raised at the November 7, 2017 Village Board meeting:

- Who should have the power to revoke contractor licenses?
- Should the contractor receive a hearing prior to a decision by the Village, and in front of what body?
- Should the Village publically post a list of contractors whose licenses have been revoked?

Staff is requesting feedback regarding the Village Board's desire to undertake more proactive Contractor License monitoring and any considerations related to such an approach, and direct staff to draft regulatory language based on that feedback.

Trustee Patel asked if this is only for contractor licenses.

Mr. Hammel confirmed that this is only for contractor licenses.

Trustee Patel asked if someone could apply under a new name if one was revoked under a different name. Mr. Hammel stated that staff would have to investigate how that would be handled.

Trustee Patel asked what the appropriate time should be for suspension. He also has heard concerns regarding the types of inspections that we require. Are we clearly explaining what inspections are required for each permit type? Mr. Hammel stated that a form is provided with all of the necessary inspections. He also stated that the intent here is not to use this as an overly proactive tool, any decisions will be very well vetted.

Trustee Hlepas Nickell stated that she has had residents who have expressed concerns about contactors. She feels something should be done to provide some protection to residents. She also asked if we know what other Villages have had to expend from a liability standpoint on revocation. Contractors need to be notified of this possibility when they are issued a license.

Trustee Cope noted that due process would occur through the Village's Administrative Hearing process.

Trustee Spino has no issue with the concept.

Trustee Ikezoe-Halevi does not have an issue but asked if there is a risk with posting a list publicly. Mr. Hammel stated that we would want to keep it up to date and that there could be some risk, he does not feel it will be necessary to post it online.

Mr. Wiberg reminded the Board that the Village currently posts restaurant inspection scores online.

Trustee Cope would support revocation but not support posting the information online.

Mayor Bass stated that there is Board consensus.

Mr. Wiberg stated that an Ordinance will come forward for the Board's consideration.

**Adjournment**

At 7:28 P.M. Trustee Cope moved to adjourn Committee of the Whole, seconded by Trustee Ikezoe-Halevi. The motion passed with a Voice Vote.

Respectfully Submitted,

Beryl Herman
Village Clerk

Return to COTW Memo

# MEMORANDUM

TO: President Bass and Members of the Village Board

FROM: Timothy C. Wiberg, Village Manager

DATE: February 2, 2018

SUBJECT: **February 6 Committee of the Whole Meeting**

As a reminder, the Committee of the Whole (COTW) meeting is scheduled for **6:30 p.m.** on Tuesday evening. Dinner will be available in the Village Hall Board Conference Room beginning at 5:45 p.m. Please find below a summary of the items for discussion:

1) **Discussion Concerning the Results of the Citizen Survey (6:30 – 7:30 p.m.)**

In the Fall of 2017, the National Research Center (NRC) randomly mailed a survey to approximately 25% of our households. There was a 30% response rate, which is considered strong for a mailed survey. The NRC compiled the survey results and attached is a PowerPoint presentation which provides the results of the survey. After the presentation to the Village Board on Tuesday, staff intends to utilize our various media outlets to publicize the survey results.

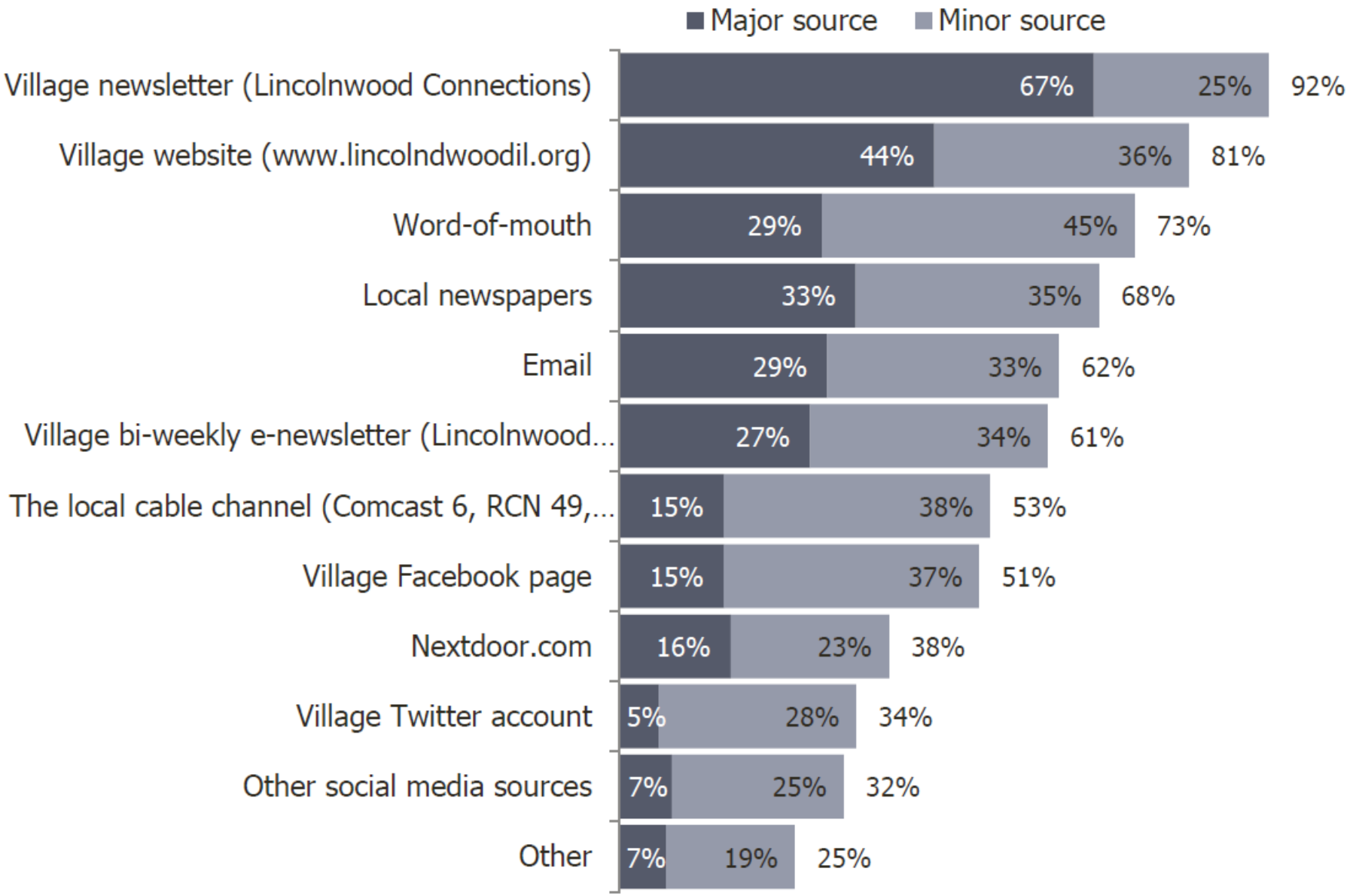
If you should have any questions concerning these matters, please feel free to contact me.

Return to COTW Memo

# Citizen Survey Process

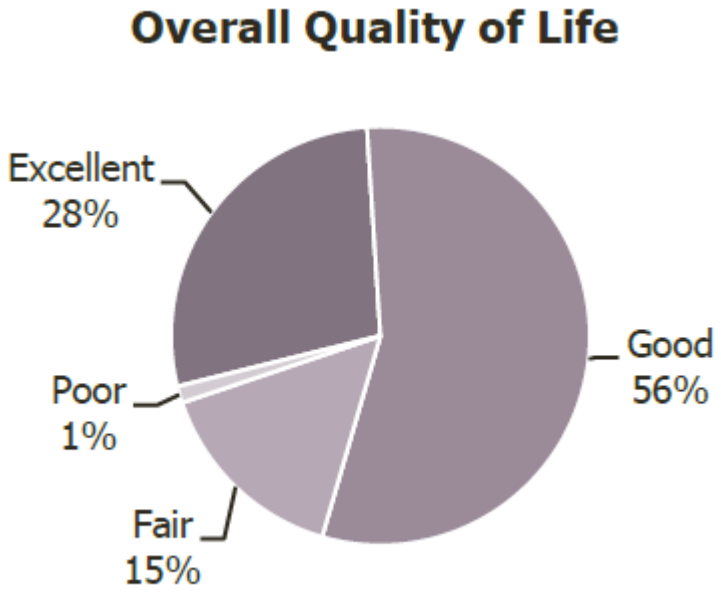
- Survey was issued in late September and results were received through early November
- Survey was promoted in the newsletter, social media, website along with a postcard and two letters sent on behalf of the Mayor to all recipients
- 1,500 surveys were sent out and 451 were received in total (30% response rate)
  - 95% Confidence level

# Source of Information



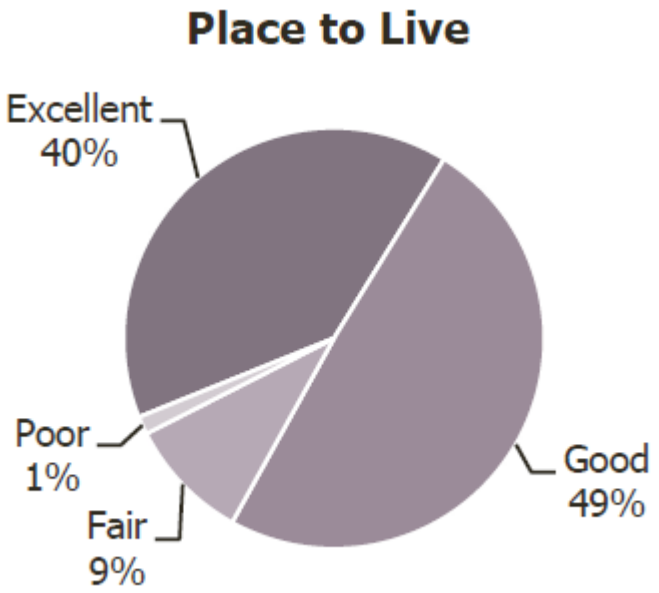
# Results – Quality of Life

- Quality of Life – Residents were asked to rate the overall quality of life in the Community and 84% of respondents answered either "Excellent" or "Good"



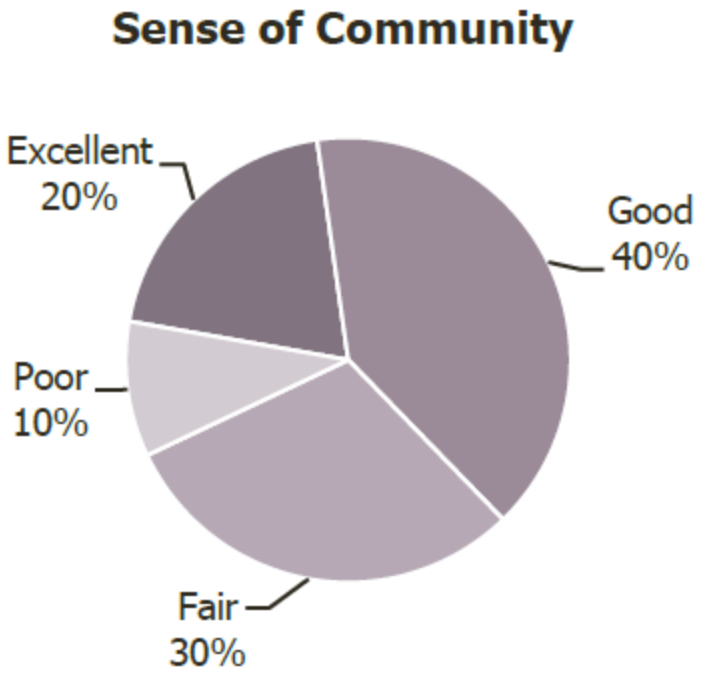
# Results – Place to Live

- Place to Live – Represents the natural ambience, services, and amenities that make for an attractive community
- Residents were asked to rate Lincolnwood as a place to live and 89% of respondents answered either "Excellent" or "Good"



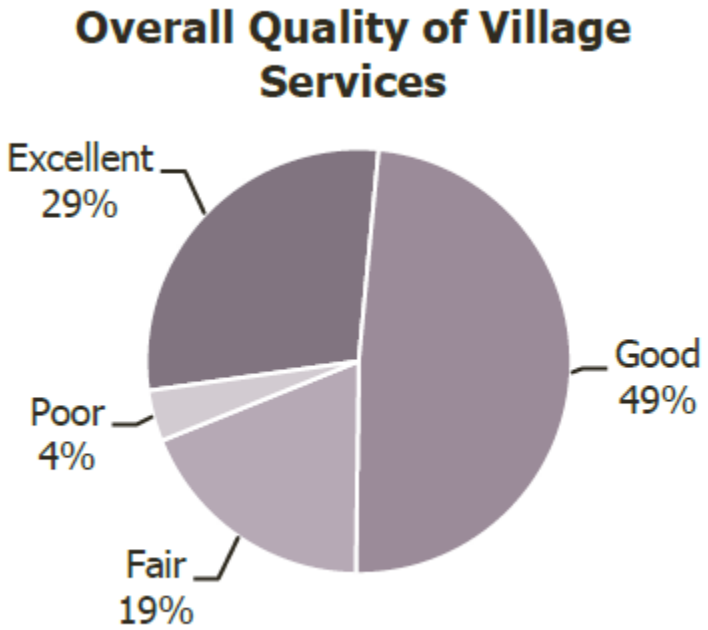
# Results – Sense of Community

- Sense of Community – Represents the connections and trust among residents, government, businesses and other organizations to help create a sense of community
- Residents were asked to rate Lincolnwood in terms of a sense of community and 60% of respondents answered either "Excellent" or "Good"



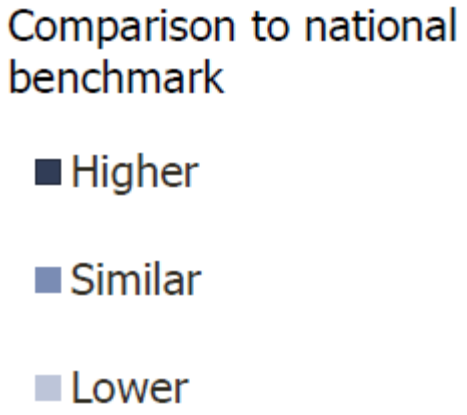
# Results – Quality of Village Services

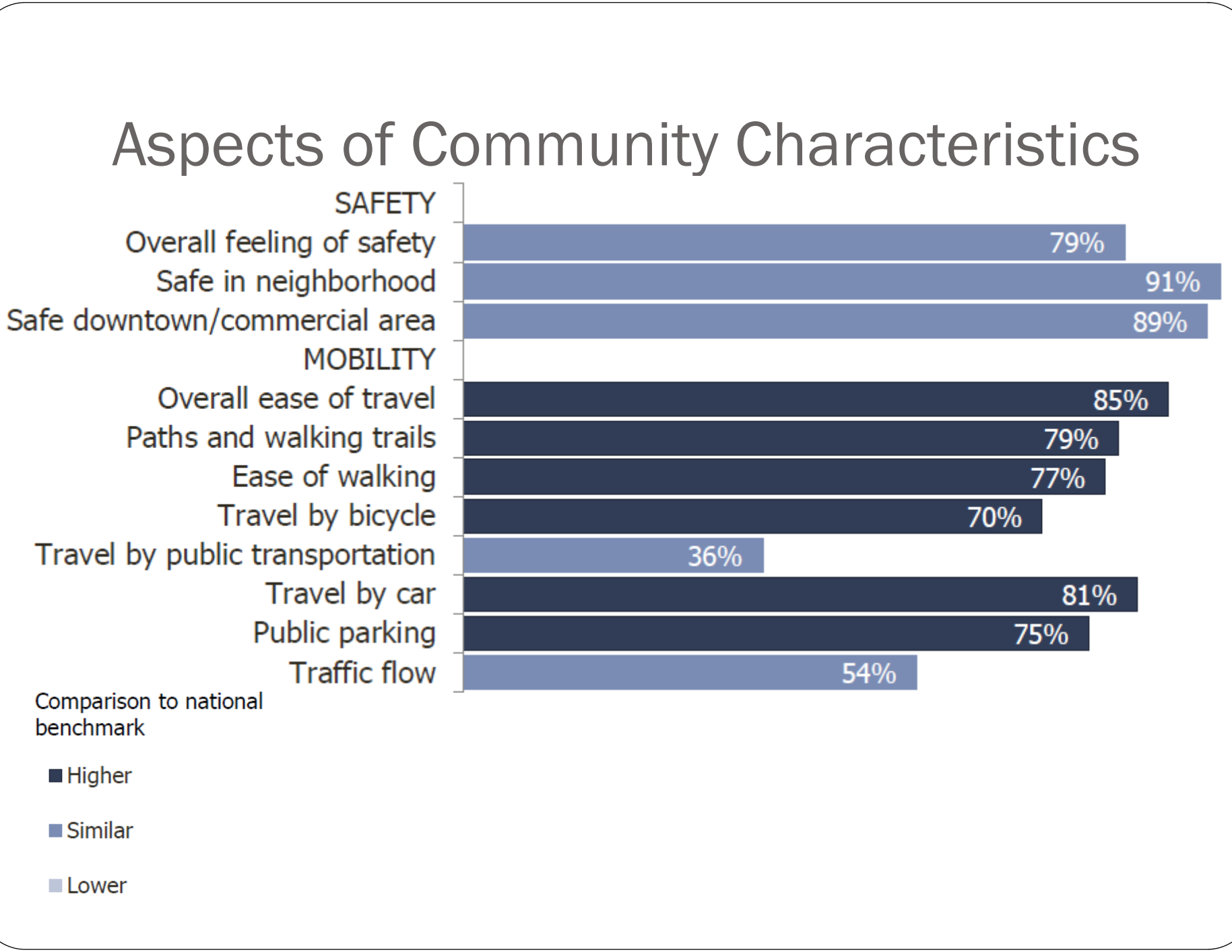
- Quality of Village Services – Represents the services provided by Lincolnwood
- Rated on 30 services and amenities with similar ratings when compared to national responses and high marks for street repair and street cleaning
- Residents were asked to rate Lincolnwood's overall quality of Village services and 78% of respondents answered either "Excellent" or "Good"



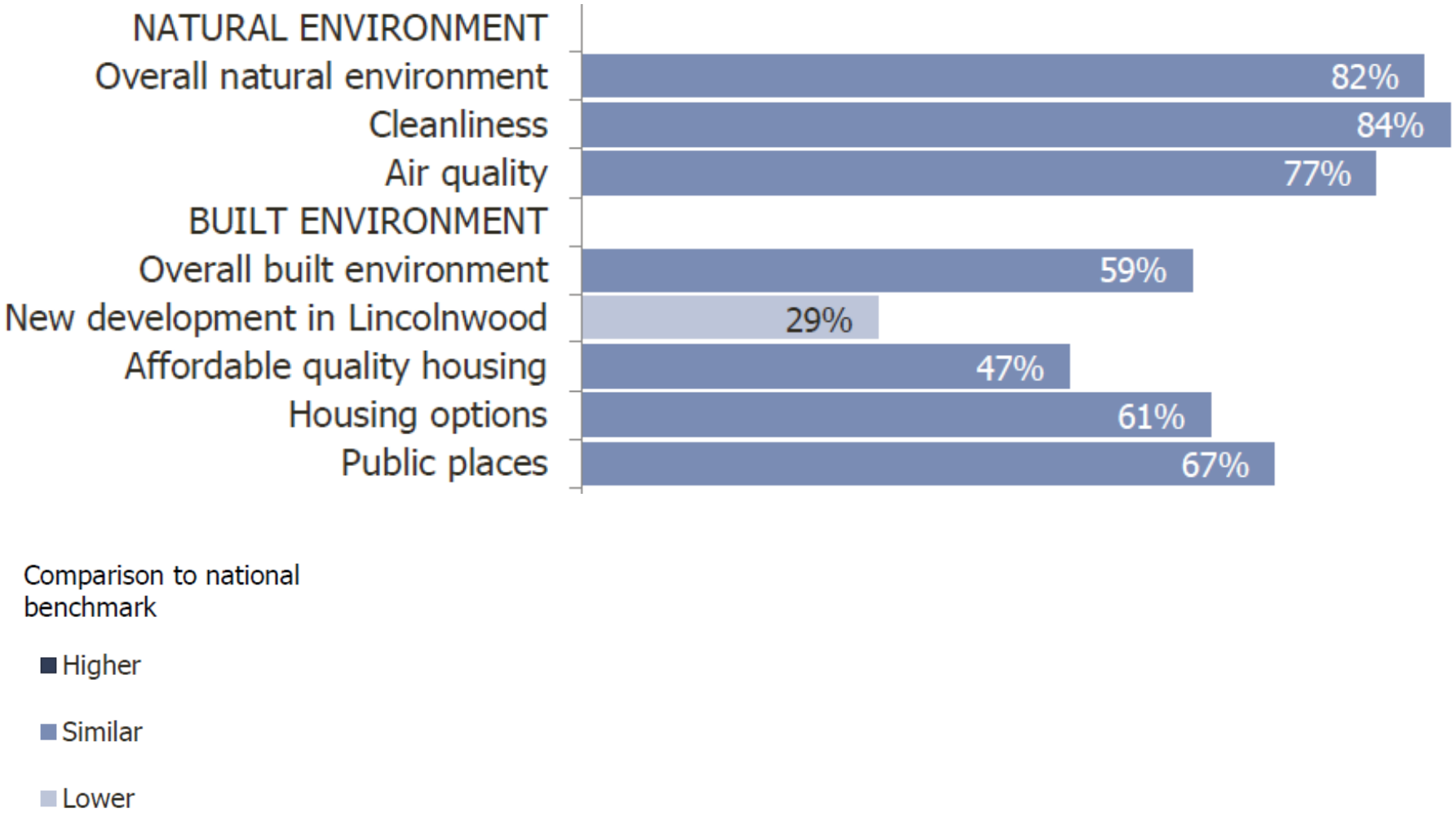
# Results

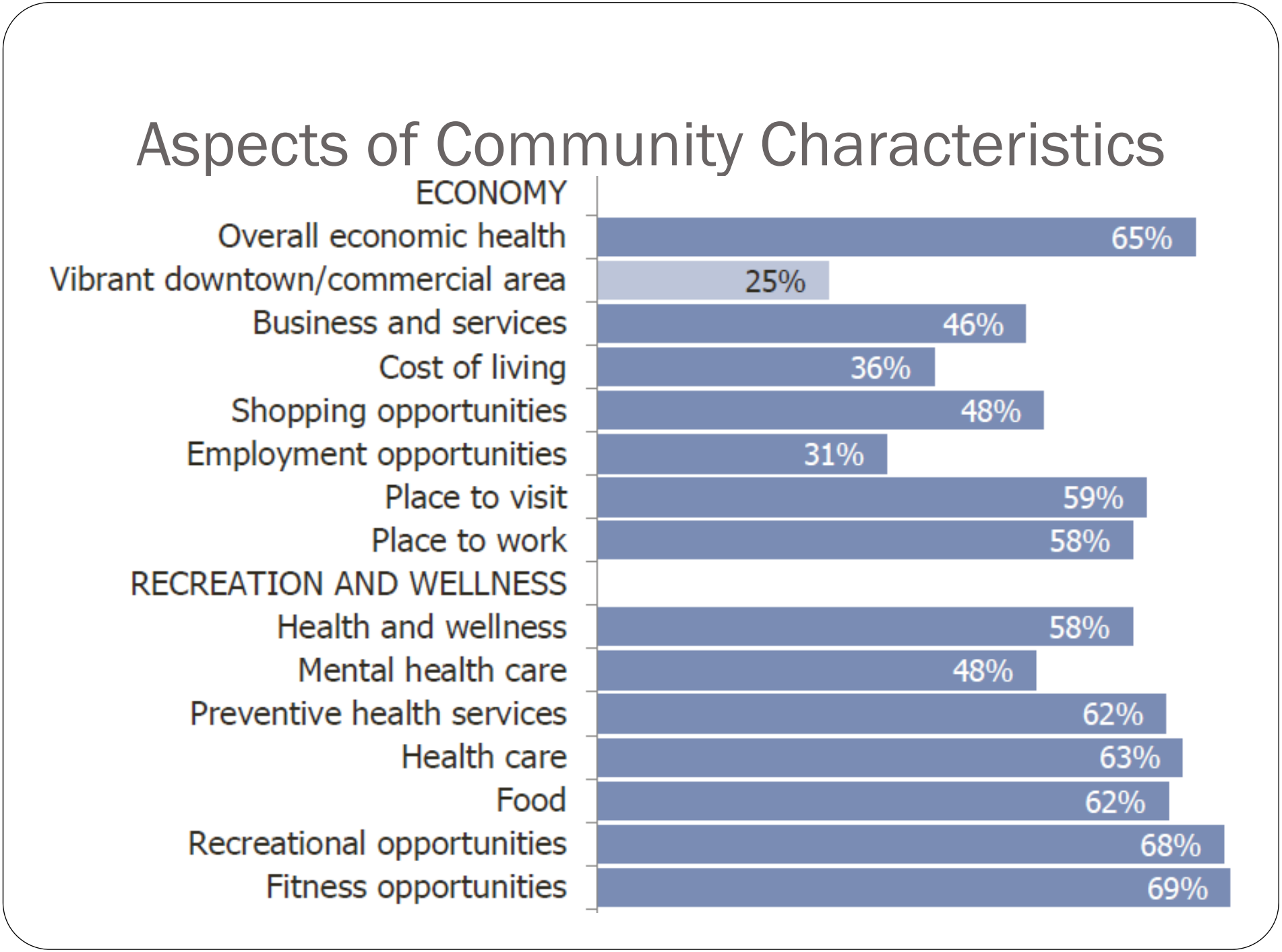
- Residents were asked to respond to various services and amenities of the community
- Results are depicted graphically showing the percent rating positively
- Results are color-coded to compare to national benchmarks:



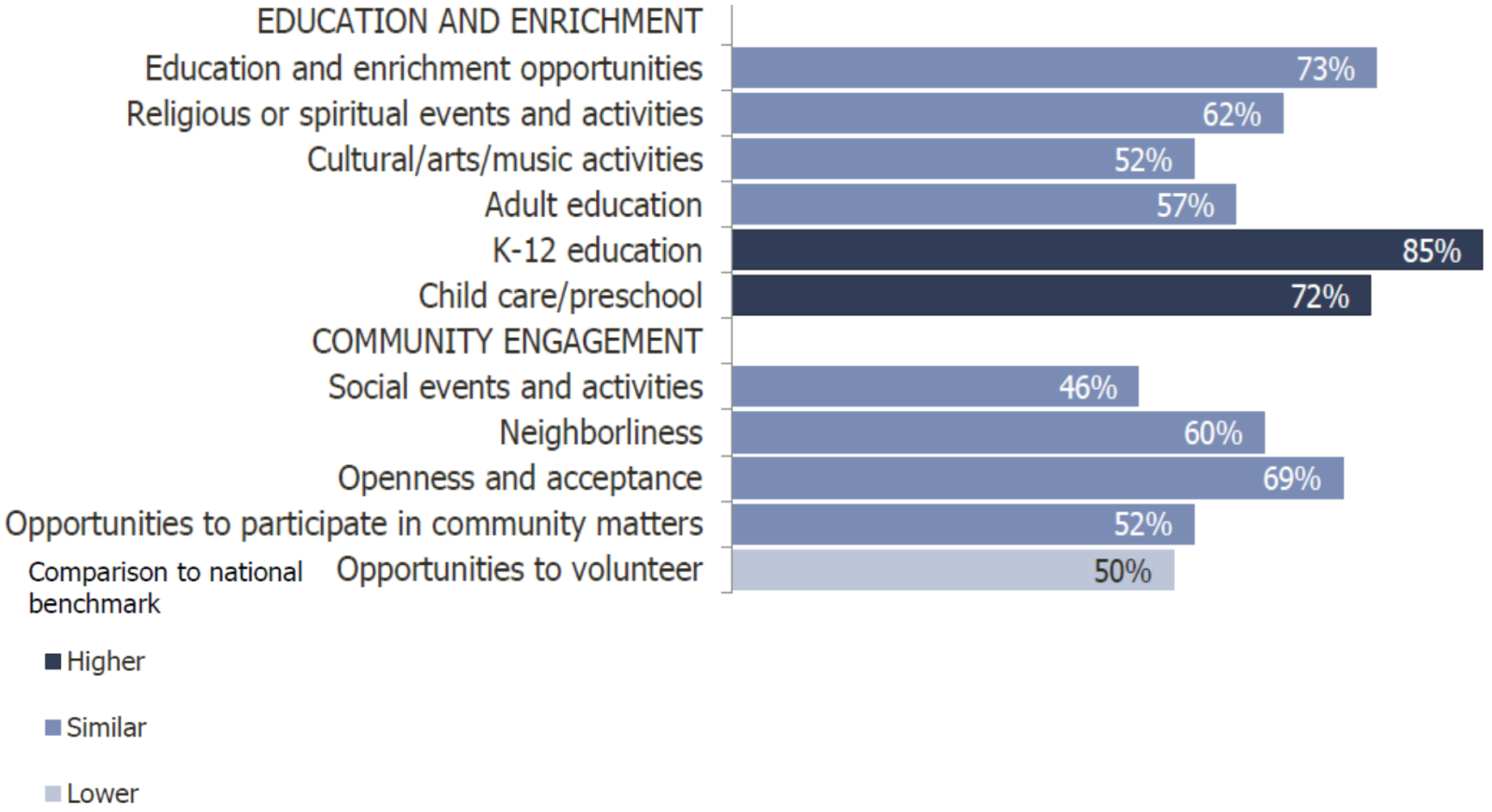

Aspects of Community Characteristics
SAFETY
Overall feeling of safety
79%
Safe in neighborhood
91%
Safe downtown/commercial area
89%
MOBILITY
Overall ease of travel
85%
Paths and walking trails
79%
Ease of walking
77%
Travel by bicycle
70%
Travel by public transportation
36%
Travel by car
81%
Public parking
75%
Traffic flow
54%
Comparison to national benchmark
Higher
Similar
Lower

# Aspects of Community Characteristics

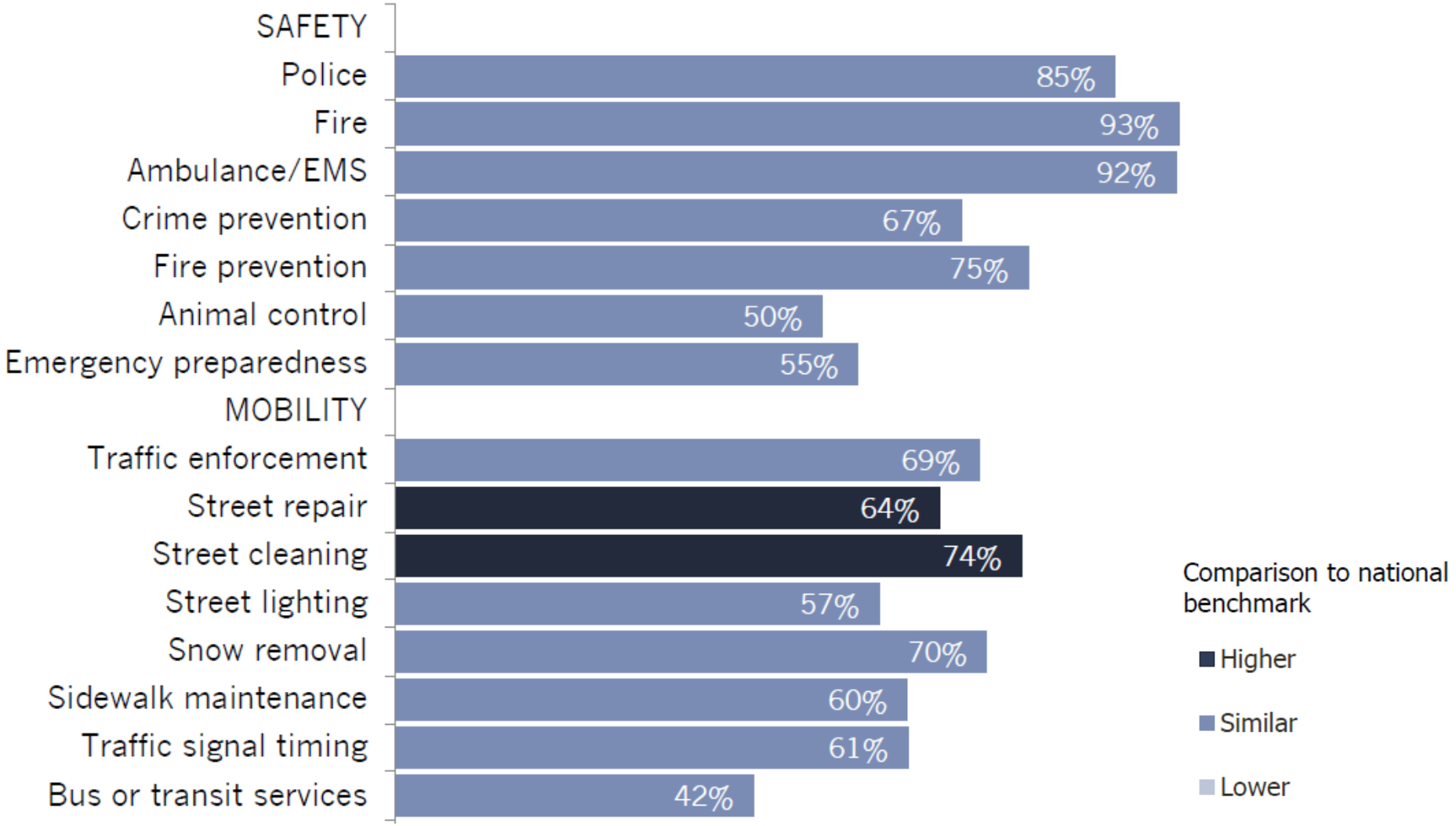



Aspects of Community Characteristics
ECONOMY
Overall economic health
65%
Vibrant downtown/commercial area
25%
Business and services
46%
Cost of living
36%
Shopping opportunities
48%
Employment opportunities
31%
Place to visit
59%
Place to work
58%
RECREATION AND WELLNESS
Health and wellness
58%
Mental health care
48%
Preventive health services
62%
Health care
63%
Food
62%
Recreational opportunities
68%
Fitness opportunities
69%

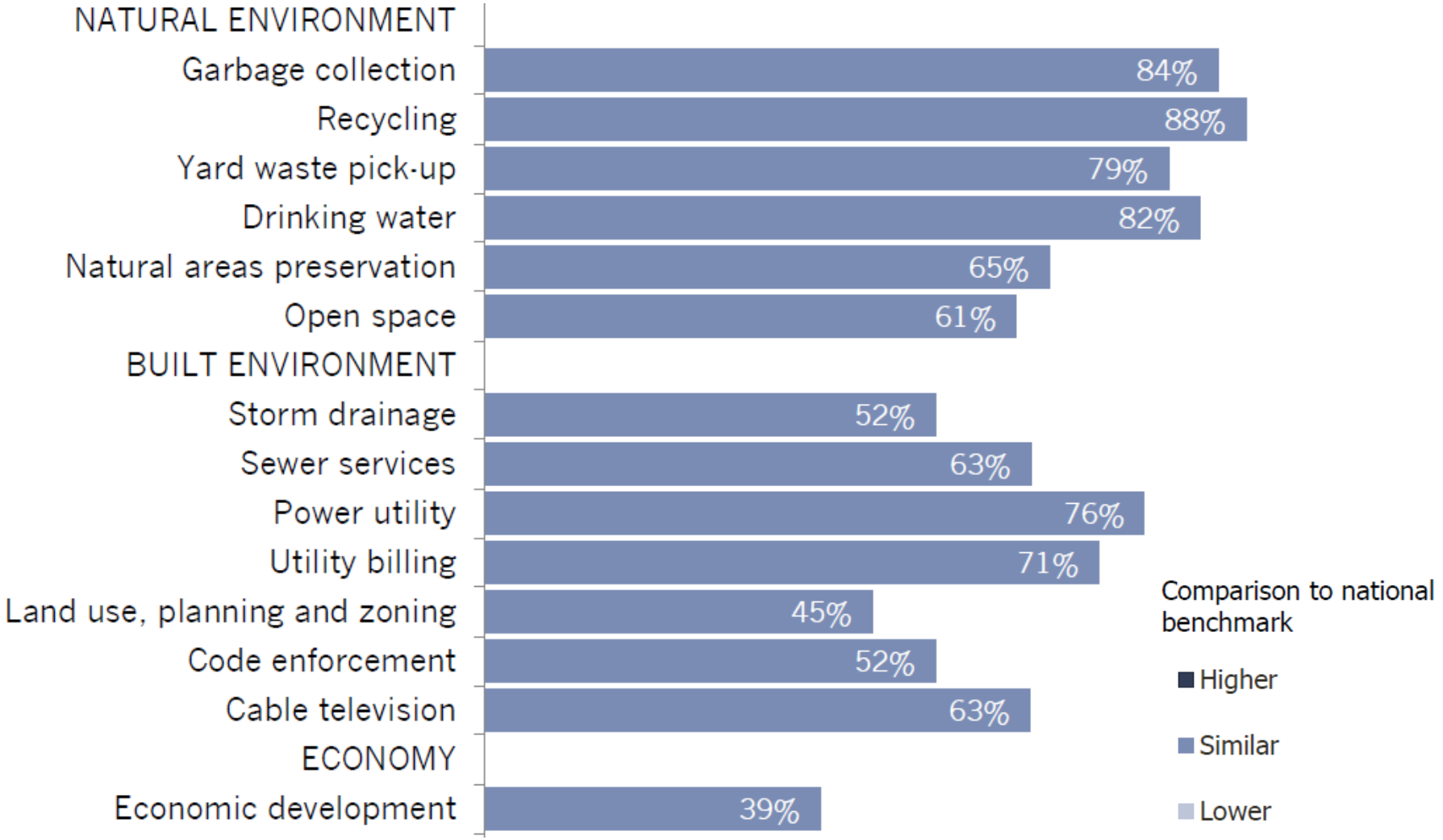
# Aspects of Community Characteristics



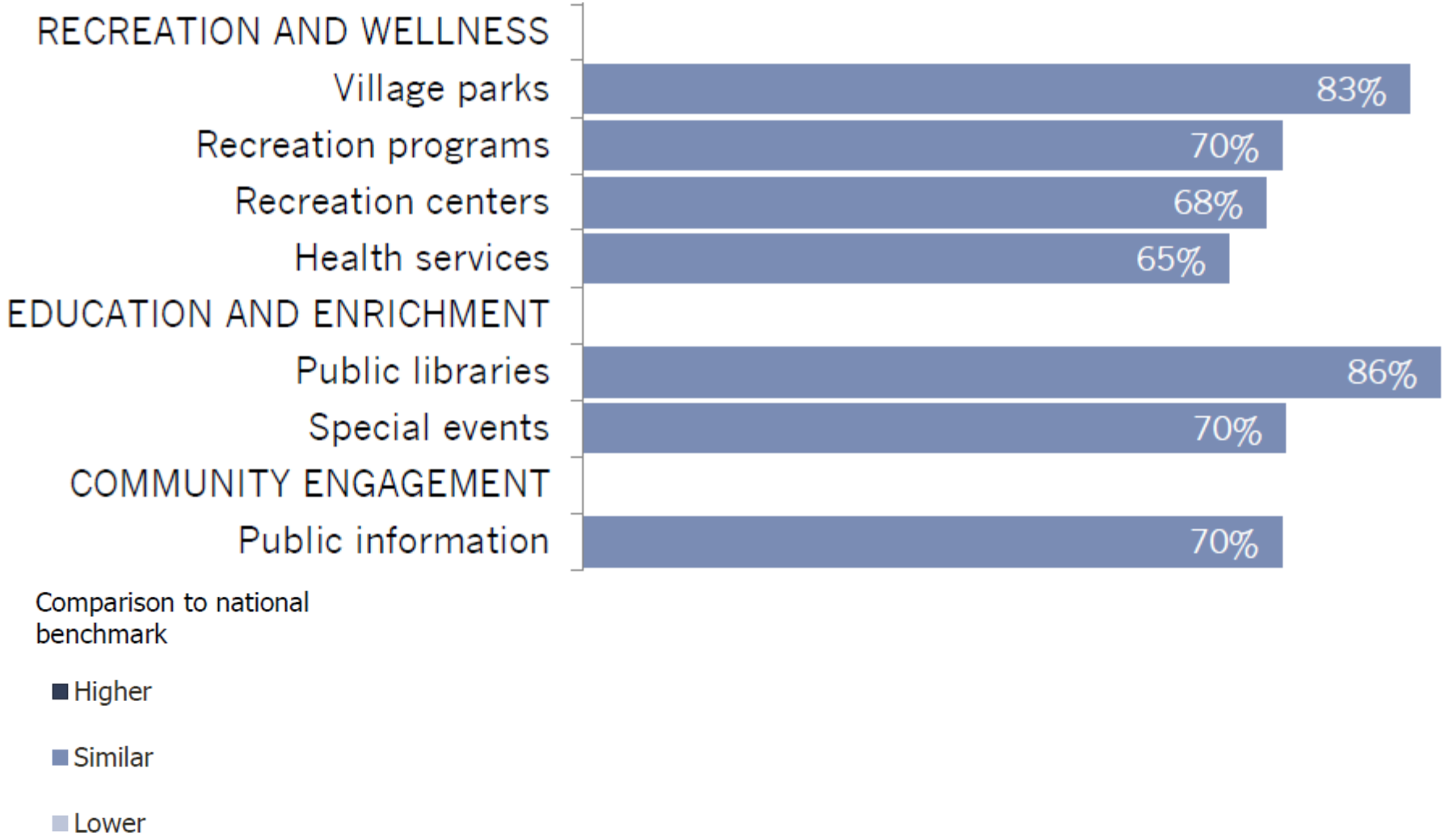
# Aspects of Governance



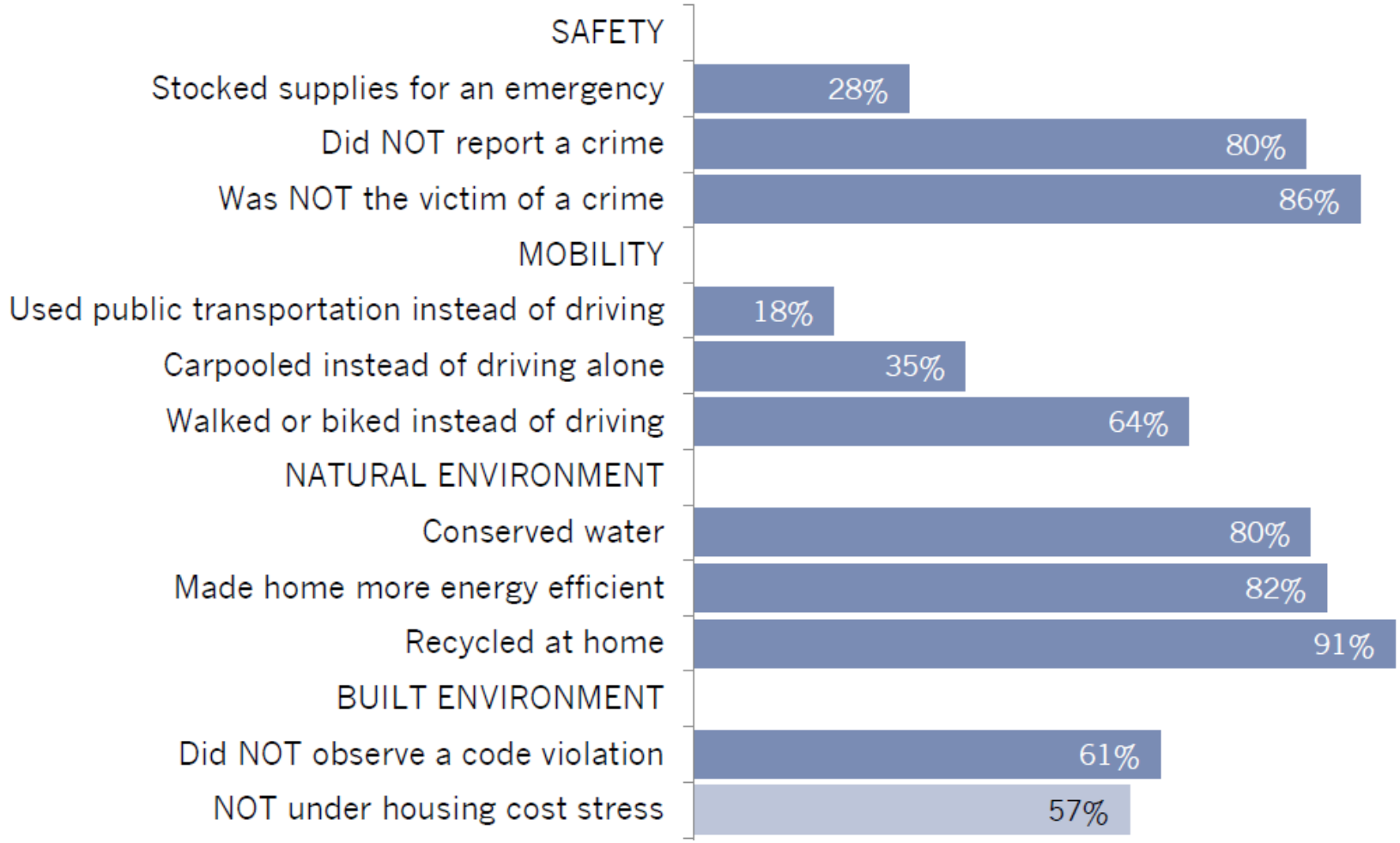
# Aspects of Governance



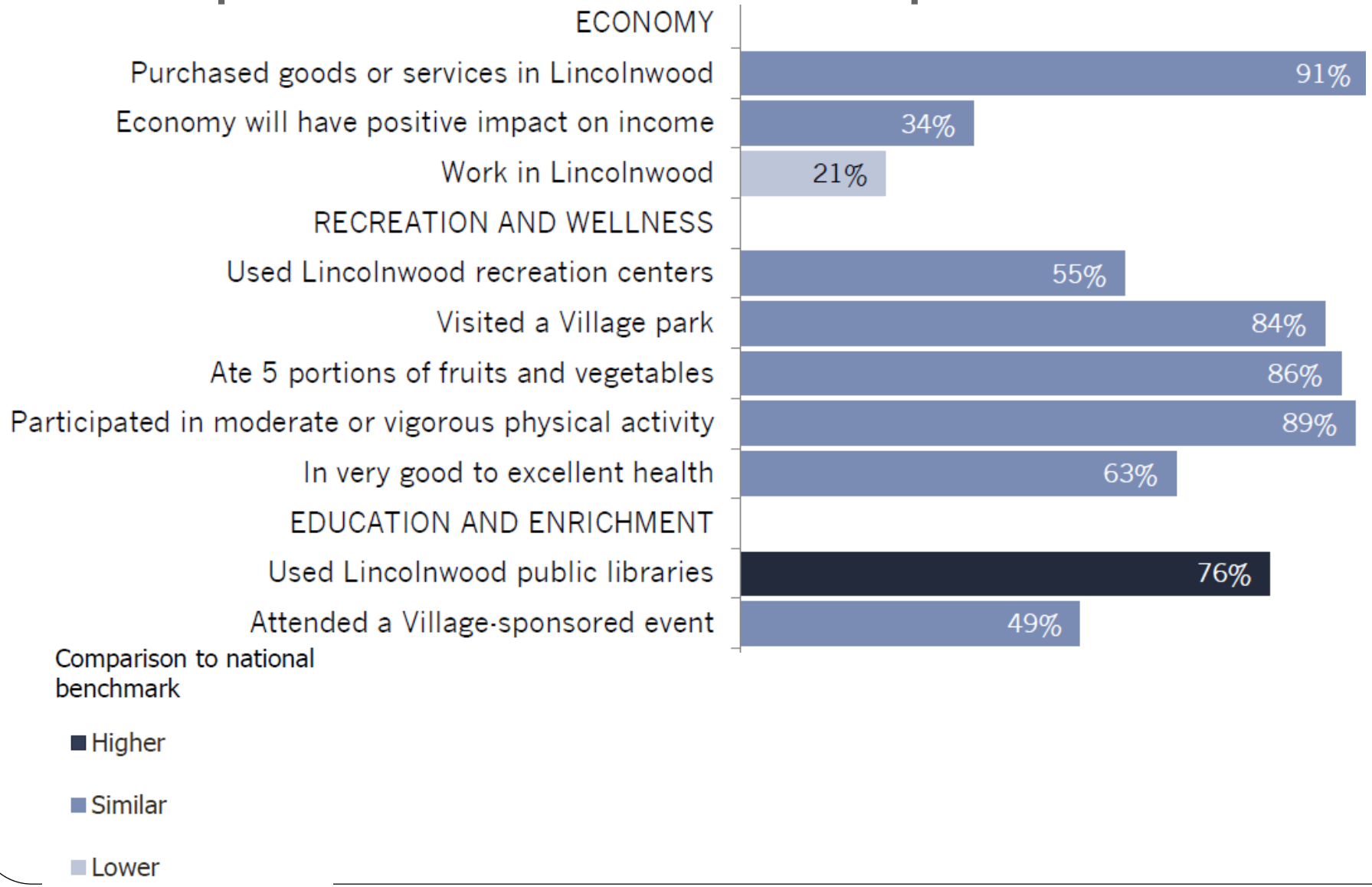
# Aspects of Governance



# Aspects of Civic Participation



# Aspects of Civic Participation



# Aspects of Civic Participation

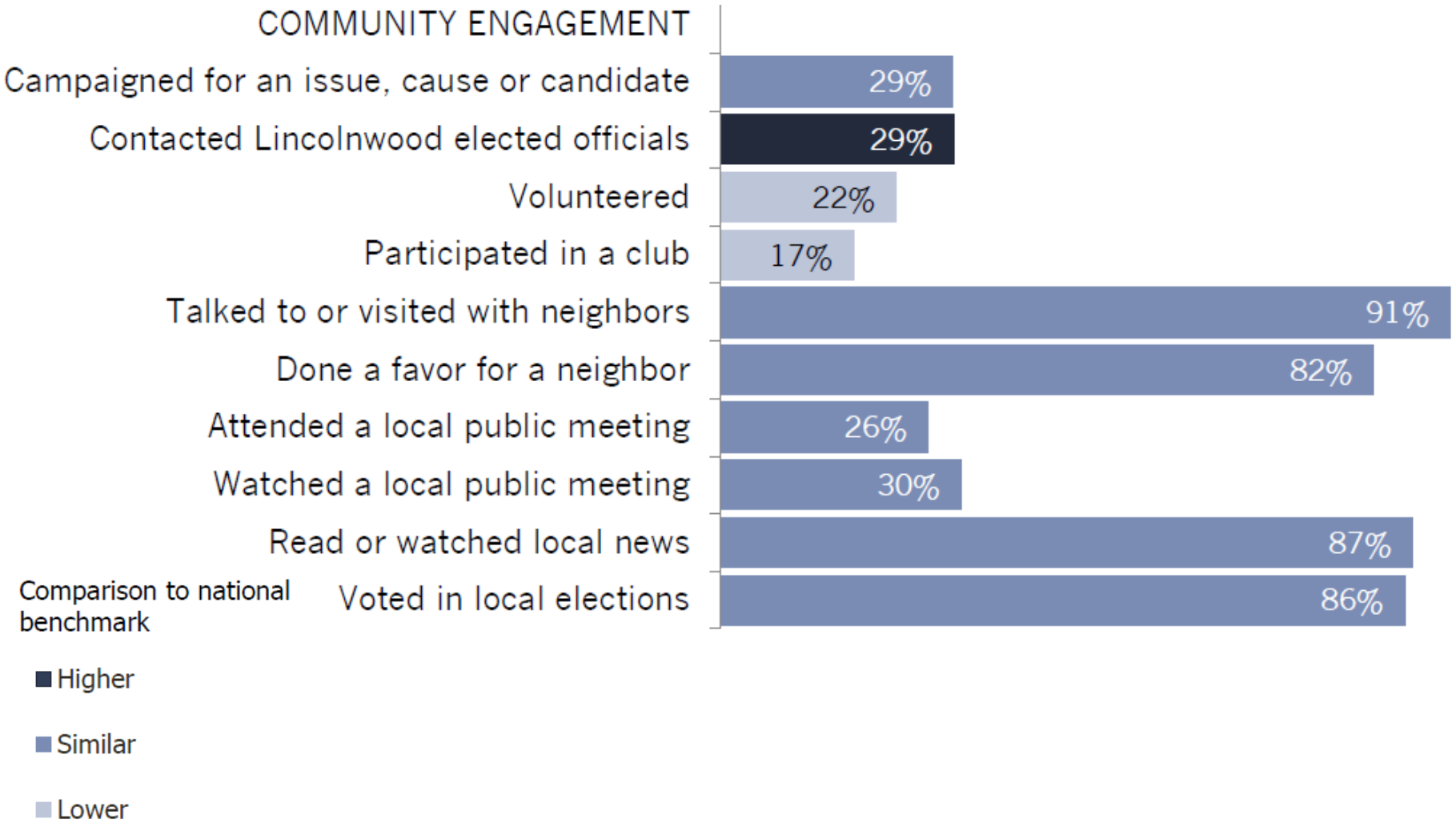


Figure 4: Resident Priorities

*What is the single most important priority for the Village of Lincolnwood to address in the next five years?*

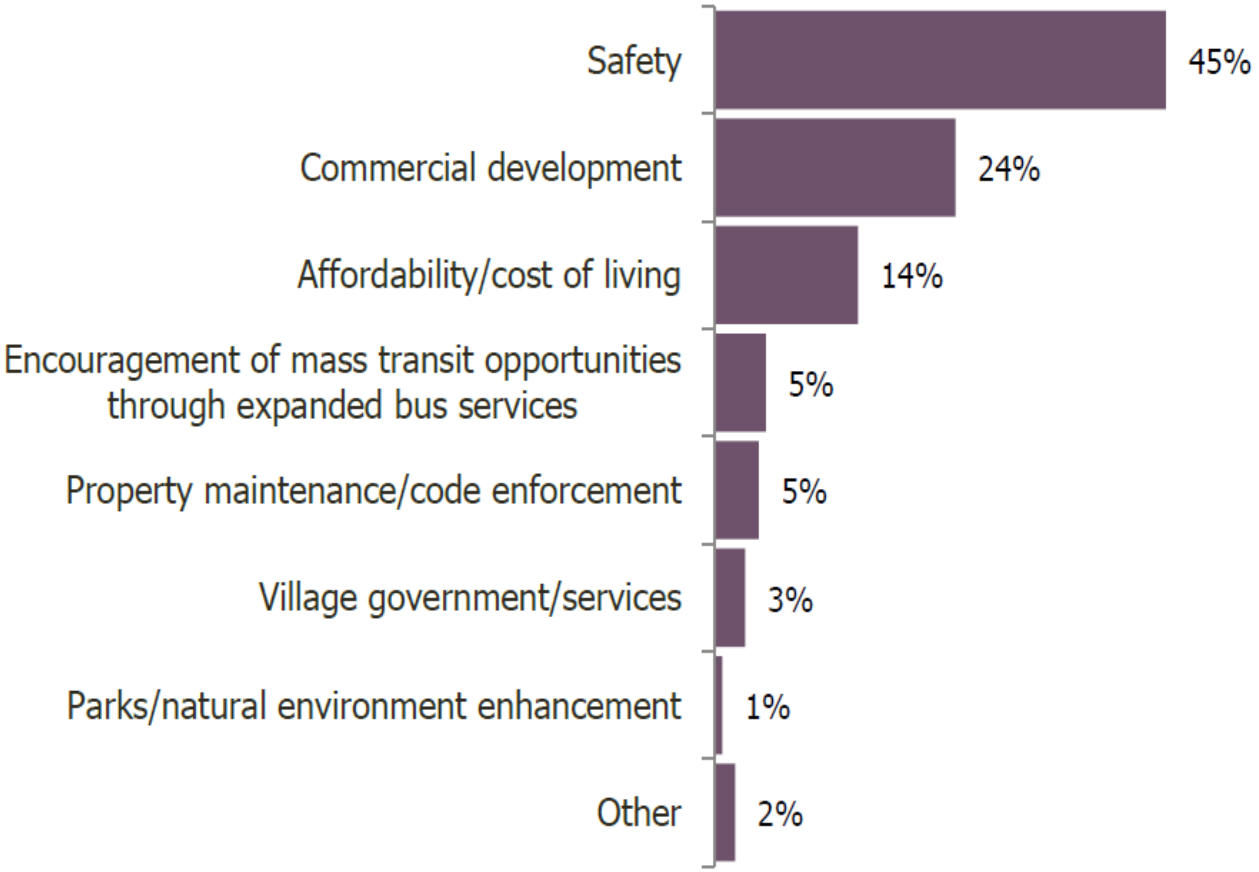


Figure 6: Importance of Infrastructure Improvements

*Please indicate how important to you, if at all, each of the following infrastructure improvements would be:*

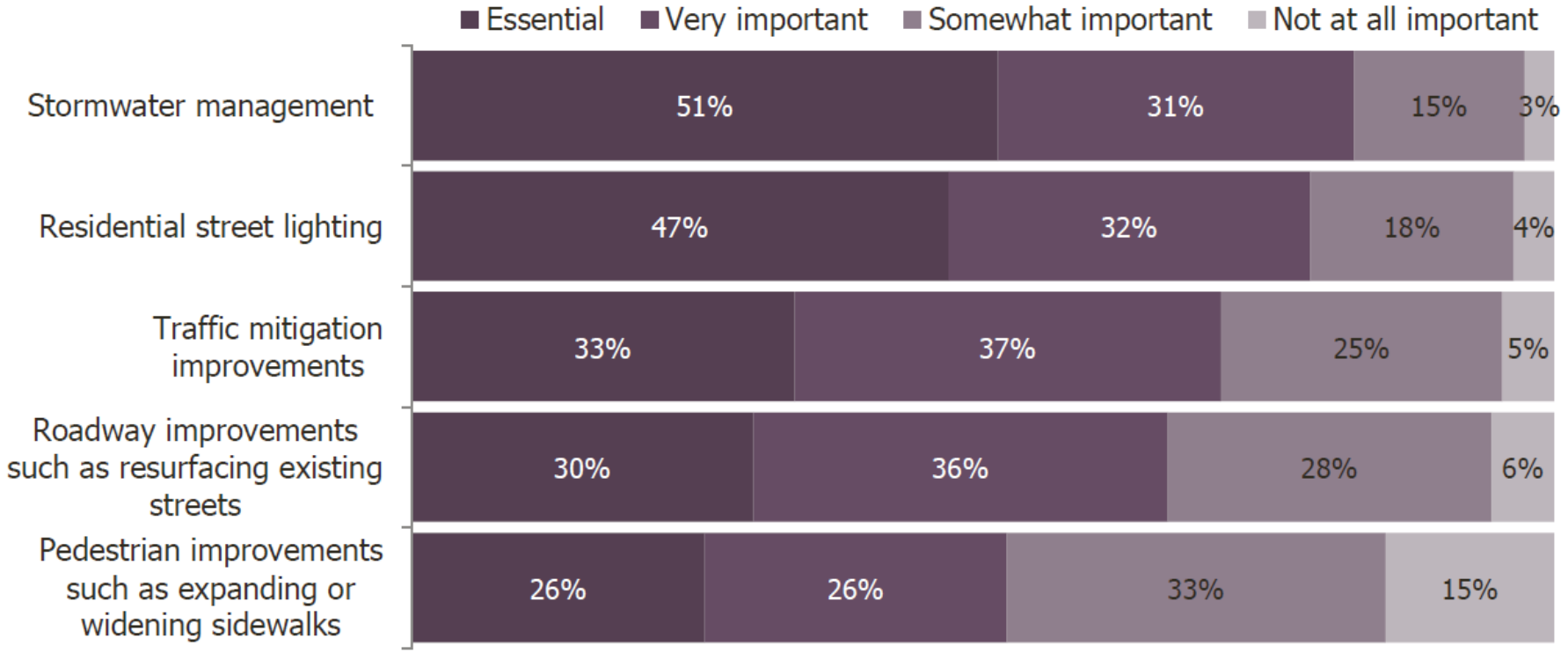


Figure 7: Contact with Village Employees

*Have you contacted any Village of Lincolnwood staff (parks, police, public works, parking, etc.) in-person, by phone, email or web within the last 12 months?*

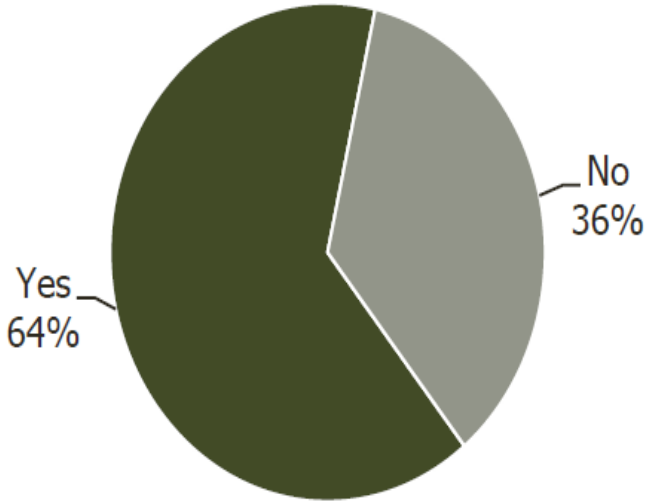
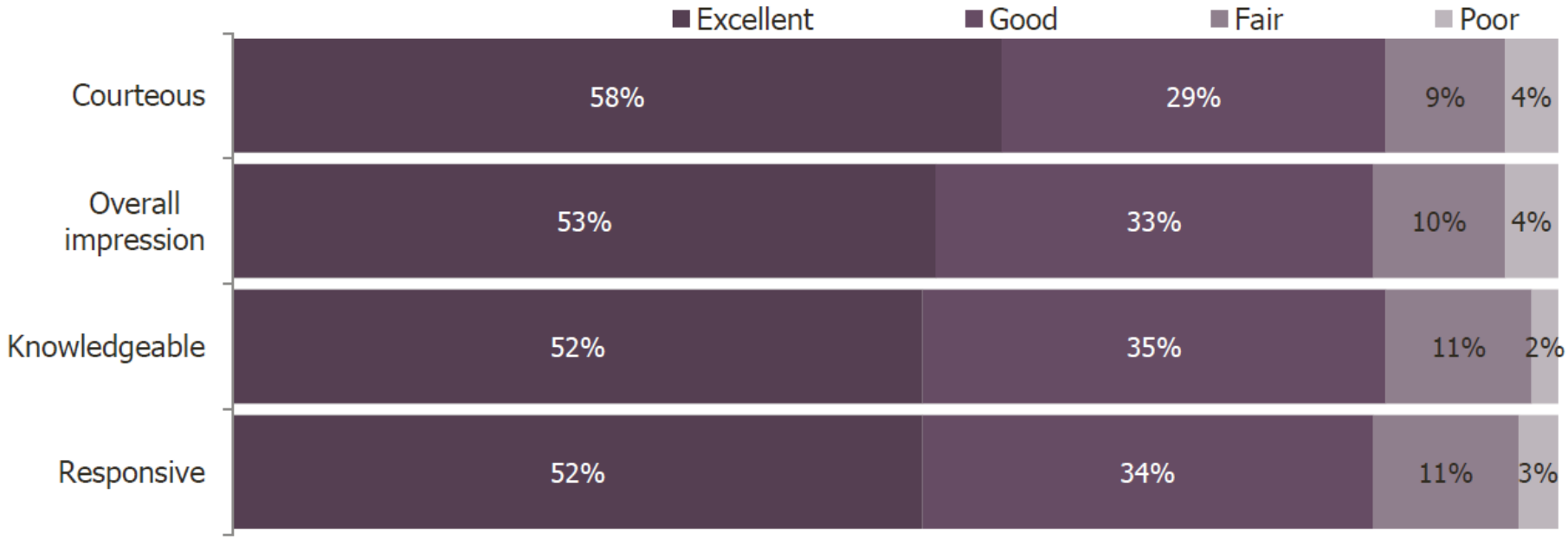


Figure 8: Village Employee Performance

*What was your impression of the staff member(s) in your most recent contact?*



Return to COTW Memo

# Conclusions from the Report

- Economic development in Lincolnwood continues to be an area in which the Village focuses on for improvements
- Lincolnwood is a well-designed and navigable community and residents want to keep it that way
- Residents value Safety and emphasize its importance

Return to VB Agenda

**VILLAGE OF LINCOLNWOOD**
**PRESIDENT AND BOARD OF TRUSTEES**
**REGULAR MEETING**
**VILLAGE HALL COUNCIL CHAMBERS**
**7:30 P.M., FEBRUARY 6, 2018**

# AGENDA

**I. Call to Order**

**II. Pledge to the Flag**

**III. Roll Call**

**IV. Approval of Minutes**

1. Village Board Minutes – January 16, 2018

**V. Warrant Approval**

**VI. Village President's Report**

1. Creation of the Ad-Hoc Infrastructure Committee
2. Appointments of the Following to the Ad-Hoc Infrastructure Committee: Gus Dimas, Jeffery Perl, Syed Mudassir, Rizwan Hussain, Teodor Strat, Kathy O'Brien, and Marilyn Marwedel
3. Swearing in of Police Officer Mark Gaseor

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

1. Approval of a Recommendation by the Plan Commission to Adopt a Resolution Approving a Final Plat of Subdivision and Subdivision Variation for 6530 North Lincoln Avenue, as well as an Ordinance Approving Special Uses Related to Parking Located in the Front Yard and Variations Related to Building Setbacks and Parking Lot Design on Both Parcels Resulting from the Requested Subdivision, and an Ordinance Approving the Rezoning of One of the Resulting Parcels (Appears on Consent Agenda Because it was Approved Unanimously by a Recommending Body)

2. Approval of a Recommendation by the Zoning Board of Appeals to Adopt an Ordinance Approving a Zoning Code Variation Request Regarding Building Foundation Landscaping Requirements at 7110 North Lincoln Avenue (Appears on Consent Agenda Because it was Approved Unanimously by a Recommending Body)

3. Approval of a Resolution Authorizing the Execution of a Contract with Dahme Mechanical Industries, Inc., of Arlington Heights, IL, for the Removal and Replacement of Water Pump #4 at the Pump House in the Amount of $123,217.00 (Appears on Consent Agenda Because it is a Routine Function of Government)

**VIII. Regular Business**

4. Consideration of a Recommendation by the Plan Commission to Adopt an Ordinance Approving Text Amendments and a Map Amendment to Create the Auto Uses Overlay Zone Within the O, Office Zoning District and Rezone Certain Properties to the Auto Uses Overlay Zone

5. Consideration of a Recommendation by the Zoning Board of Appeals in Case #ZB-11-17 to Deny a Variation Request Regarding Existing Non-Conforming Fences in the Corner Side Yard and Interior Side Yard of 6454 North Kimball Avenue and in the Interior Side Yard of 6450 North Kimball Avenue

**IX. Manager's Report**

**X. Board, Commission, and Committee Reports**

**XI. Village Clerk's Report**

**XII. Trustee Report**

**XIII. Public Forum**

***XIV. Closed Session***

*A Closed Session is Requested to Discuss Purchase or Lease of Property Per Section 2 (c)(5) and Pending Litigation Per Section 2(c)(11)*

**XV. Adjournment**

DATE POSTED: February 2, 2018

All Village Board meetings are broadcast live to residents on Comcast Cable Channel 6, AT&T U-VERSE Channel 99, RCN Channel 49, 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 lwdtv.org or on the Lincolnwood Mobile App.

# VILLAGE OF LINCOLNWOOD
# PRESIDENT AND BOARD OF TRUSTEES
# REGULAR MEETING
# VILLAGE HALL COUNCIL CHAMBERS
# JANUARY 2, 2018

**DRAFT**

## Call to Order

President Bass called the regular meeting of the Lincolnwood Board of Trustees to order at 7:30 p.m., Tuesday, January 2, 2018, in the Council Chambers of the Municipal Complex at 6900 N. 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.

## Roll Call

Prior to beginning roll call Attorney Elrod provided an overview of the Village's policy regarding electronic attendance at meetings. Two Trustees submitted requests to attend the meeting via phone. Trustees Patel and Spino acknowledged their presence via phone. No objections were raised regarding their electronic attendance.

On roll call by Deputy Village Clerk Ashley Engelmann the following were:
PRESENT: President Bass, Trustees Sugarman, Hlepas Nickell, Ikezoe-Halevi, Cope, Patel (via phone), Spino (via phone)
ABSENT: None

A quorum was present. Also present: Ashley Engelmann, Assistant Village Manager; Heather McFarland, Management Analyst; Steve Elrod, Village Attorney; Charles Meyer, Assistant to the Village Manager; Nadim Badran, Assistant to the Public Works Director; Doug Hammel, Community Development Manager.

## Approval of Minutes

The minutes from the December 19, 2017 Village Board meetings were distributed and examined in advance.

Trustee Hlepas Nickell moved to approve the minutes, seconded by Trustee Sugarman.

The minutes were approved by a voice vote.

## Warrant Approval

President Bass presented the warrants for approval in the amount of $479,393.31. Trustee Sugarman moved to approve, seconded by Trustee Ikezoe-Halevi.

Upon a Roll Call the results were:
AYES: Trustees Sugarman, Hlepas Nickell, Ikezoe-Halevi, Cope, Patel (via phone), Spino (via phone)
NAYS: None The motion passed.

## Village President's Report

1. **Village Anti-Harassment Policy (Consent #2 on Agenda)**
   The Village has a zero-tolerance policy for harassment in the workplace and the Resolution that is being considered is a reiteration of the Village's stance of creating a work environment that is safe for employees that has been in effect for several years.

   Additionally, the State of Illinois recently passed Public Act 100-0554 which requires all governmental units to adopt an Ordinance by January 15, 2018 with a policy prohibiting harassment in the workplace.

   The Resolution on the consent agenda will achieve the Village's desire to continue to foster an environment in which harassment is prohibited and meet the guidelines of the State of Illinois.

2. **Coming Together 2018 Presents Celebrating Muslim-American Cultures**
   This program is being offered by Niles West High school. A kickoff to the program will occur on January 11th with a press conference at 3:30 p.m. at the Skokie Public Library to introduce the program to the media. Programs will be offered that are educational and entertaining.

3. **Frozen Water Meters**
   If a property owner notices their water is no longer running during freezing temperatures the water meter may be frozen. Contact Public Works during normal business hours or the non-emergency Police number outside of normal business hours to schedule an inspection.

4. **Holiday Tree Pick-up**
   Groot will be picking up holiday greens until Monday, January 8th. All lights must be removed, lights that need to be recycled may be brought to the Public Works Department through the end of January.

## Consent Agenda

1. **Approval of a Resolution Regarding the Release of Certain Written Minutes and the Destruction of Verbatim Records of Certain Closed Meetings of the Village Board**

2. **Approval of a Resolution Amending the Village's Anti-Harassment Policy**

*Trustee Cope requested that Consent Item #2 be removed and placed as Item #6 under Regular Business.*

3. **Approval of a Resolution Concerning Construction on State Highways in Accordance with State Specifications for a Period of Two Calendar Years**

Trustee Hlepas Nickell moved to approve the Consent Agenda as amended. The motion was seconded by Trustee Cope.

Upon a Roll Call the results were:
AYES: Trustees Sugarman, Hlepas Nickell, Ikezoe-Halevi, Cope, Patel (via phone), Spino (via phone)
NAYS: None The motion passed.

**Regular Business**

4. **Consideration of an Ordinance Repealing Ordinance No. 1033 (Adopted May 19, 1955), and Consideration of a Recommendation by the Traffic Commission to Adopt an Ordinance Vacating a Portion of the Alley on the Block Bound by North Lincoln Avenue, North Central Park Avenue, West Arthur Avenue, and North Drake Avenue**

This item was presented by Mr. Hammel using PowerPoint.

Mr. Hammel began by noting that two distinct actions are being presented. The alley on the subject property is bound by Lincoln Avenue and a portion of Devon Avenue on the south, Drake Avenue on the east and Arthur Avenue to the north and Central Park Avenue to the west. The property historically had been platted similarly to other residential blocks with a north south alley behind residential properties and an east west alley that served the commercial properties. In 1955 the Village Board adopted an Ordinance that vacated the north south portion of the alley.

The Ordinance was never recorded, abutting properties never claimed ownership, the alley has continued to provide garage access to residences and the Village has continued to maintain and service the alley.

In 2003 MB Financial Bank was developed at the southern end of the block. The southern portion of Central Park Avenue was vacated as part of the development for parking circulation and it created an east west alley as the result of Central Park Avenue being closed off. This also created an outlet to Central Park Avenue for residents on the block.

The first recommended action is to repeal the 1955 Ordinance that vacated the north south alley segment from Arthur Avenue to the southern end of the property at 6424 North Drake Avenue.

At this time Attorney Elrod noted that the first action that Mr. Hammel spoke of may not be absolutely necessary based on the facts that have been uncovered concerning the failure to fully comply with the vacation. It does create an unsettled situation. If the Village believes that the property is not duly vacated then his recommendation would be to repeal the 1955 Ordinance. The second action that Mr. Hammel will describe has a unique voting requirement under Illinois law. The first action requires a simple majority vote.

Mr. Hammel continued. If the Village Board approves the first recommended action it will ensure garage access for residents along the north end of the block. The residents are currently are served by the functioning alley. The first recommended action is to adopt an Ordinance repealing Ordinance #1033 vacating the north south alley on the block bound by Lincoln Avenue, Drake Avenue, Arthur Avenue and Central Park Avenue.

Mr. Hammel presented the second matter for consideration. The request has to do with a vacation request of the southern portion of the north south alley from the southern edge of the east west alley south to where it currently dead ends and abuts the bank property. The ultimate goal of the request is to integrate the vacated property into a larger development of the 6424 North Drake Avenue parcel.

Mr. Hammel noted that this is a modified request from what the Village Board considered at the previous Committee of the Whole meeting on December 19. At that meeting, the petitioner was seeking vacation of the entire portion of the alley up to the northern end of 6424 North Drake Avenue. As a result of discussion at the last meeting and public comment received they have revised the request

so that the north south portion can extend down to the east west portion south of Central Park, preserving two means of access to the alley within the block.

The revised plat of vacation depicts the request. An easement is also included to maintain a 16 foot access easement for overhead utilities that currently exist in the right-of-way.

The proposed redevelopment concept has also been updated. The building footprint is on the north of the lot. Primary access would occur off of Drake Avenue with a curb cut in roughly the middle of the parcel. The portion of the alley requested for vacation would allow the petitioner to meet the parking requirement as required by the Zoning Code. The alley access would be maintained for two points of access on the block.

Considerations that the Village Board may want to discuss include the impacts of parking for 6424 North Drake Avenue and fair market compensation which is calculated at $56,900. The petitioner would like to discuss the appraised value as part of consideration of the matter.

The second recommended action is adoption of an Ordinance vacating the southern 148.07' of the north south alley on the block bound by Lincoln Avenue, Drake Avenue, Arthur Avenue, and Central Park Avenue.

Mr. Hammel concluded his presentation by stating that he left a copy of an email received by a resident regarding this matter at the dais for each Board member. The residents who attended the previous discussion at the December 19 Committee of the Whole were notified that the matter would be discussed at this meeting, not as a statutory requirement but as a courtesy.

Mr. Hammel summarized the email from Mr. Steven Frey. Mr. Frey reiterated the importance of maintaining two access points from the alley which the revised concept does address. He notes that the property historically was used as a bowling alley and that there were certain behaviors that occurred as a result of the use that impacted surrounding properties. He also cited a 2013 Urban Land Institute report that discusses the location as a being an ideal site for senior housing or residential property. He also relayed concerns about the parking impacts on Drake Avenue.

Attorney Elrod discussed the voting requirement for the Ordinance. The Illinois statue requires ¾ of the Trustees to approve the matter. The Mayor does not vote, five out of six Trustees must approve the matter.

At this time Mayor Bass called the petitioner's attorney Steven Bauer to speak.

Mr. Bauer also introduced Mordy Lebovics and David Schoning from the ML Group. Mr. Lebovics is a member of Bais Chaim Dovid East (BCDE). Since the December 19th meeting BCDE has evaluated possible modifications to the site plan, specifically addressing concerns raised by the public. They believe that the revised plan addresses the concerns raised at the December 19 meeting. The final matter requested to discuss is the valuation of the property.

Mr. Bauer noted that the appraisal references market value as the topic of consideration, the United States code and the definition of market value which identifies undue stimulus or unfair inflation, they believe that the valuation comingles the value for the property at 6424 North Drake Avenue and the alley property which results in a value of $25 per square foot. He noted there are only a few parties that would be interested in the property. The owner, contract purchaser or MB Financial Bank who has stated they have no interest in the property. The value is to be made in the judgement of the corporate

authorities. There are statutes that state the acceptability of accepting lower valuations.

Mayor Bass asked what the petitioner feels is an appropriate valuation for the property.

Mr. Bauer stated approximately $28,000 which is the median between nothing and the valuation of the site.

Trustee Hlepas Nickell reviewed the appraisal; the assessed value is based on comparable properties. The appraisal appears to be sound and she disagrees that it does not have value to the contract purchaser because it will become part of the land. Absent any other information she believes it is a fair price. She recommends supporting the purchase price.

Trustee Ikezoe-Halevi asked if the current valuation is a deal breaker for the petitioner.

Mr. Bauer noted that the way the Ordinance is drafted is that it does not become effective until a payment is made to the Village.

Trustee Cope noted that he does not have any basis for disagreeing with the appraisal.

Trustee Sugarman stated that he did not have any questions.

Trustee Patel stated that the matter was discussed at the last Committee of the Whole and there was a lot of discussion centered around the area to be vacated and used for parking. There was little discussion about the alley being used for ingress and egress. It appeared as though there was some objection to this. He is in favor of the revised plan but he wants to ensure that they have a clear understanding of the impacts of the neighborhood to have access into the alley as well as access onto Drake Avenue, and whether access onto Drake Avenue should be controlled. Trustee Patel noted that he is in favor of a vacation but not without the Plan Commission opining on how the traffic flow will impact the site and surroundings. He asked if an approval can be made with a condition that it goes through a public hearing process relative to the access. The use is allowed and does not require a public hearing process but the traffic and parking situation should be reviewed.

Trustee Spino stated that she does not have a problem with the vacation. She noted that in the last discussion there were a lot of concerns raised about traffic coming to and from the property. She also feels that the Plan Commission would be appropriate to review the matter from a traffic standpoint.

Mayor Bass noted that the revisions that were made to the site plan since the last meeting were done to accommodate the concerns of the public. He noted that most of the members of BCDE own homes within a three block radius of the area. They have the same concerns. They are part of the area. This is an extension of their home. Mayor Bass stated that they have a legal right to use the property for its intended purpose. He asked the petitioner if they could make the site work without the vacation. He noted that this would most likely require traffic to enter and exit onto Drake Avenue.

Mr. Bauer stated that the use is a religious use, one that is an orthodox Jewish use. The congregants do not drive to services. The discussion is centered around a parking lot that is required by the Village Zoning Code. Ultimately it will not be used in the manner that the Zoning Code contemplates. A significant amount of parking is proposed to be located within the alley. Therefore, it is critical that BCDE have the opportunity to develop the site in the manner that has been developed on the proposed site plan. He believes that the updated site plan addresses the concerns of the public that were

presented at the previous Committee of the Whole.

Trustee Hlepas Nickell noted that acquiring that parcel will enhance the overall building envelope. There is an advantage to the purchaser no matter how you look at it. Sites redevelop at various points. The congregation may not use the parking area today but a site in the future may. She appreciates the site plan modifications that have been made. She agrees with Trustee Patel and Spino that the Plan Commission should review the site plan regarding traffic flow. She also noted that more input from the Board needs to be heard regarding compensation.

Trustee Cope stated that the previous discussion that occurred came to the conclusion that if the Village left the alley vacation in such a manner as to allow access through the area that goes west so that someone could enter or exit the alley that would be a reasonable accommodation of the neighbor's concerns. He stated that the appraisal has been done by an expert and does not see a reason to challenge it. He does not know what the Plan Commission would discuss that hasn't already been addressed. He believes it is a good use for the community.

Attorney Elrod stated that he will try and bring clarification to the matter because there are currently at least two Trustees that have indicated a preference for a certain approach. As long as they hold that approach there will not be five votes in favor to pass the Ordinance. He summarized that it appears that the main issue is not the revised configuration of the alley but whether or not there should be a prohibition of access from the parking lot to the non-vacated alley or an opening that will allow traffic to go from the parking lot into the alley. The purpose of the latter would be to relieve the amount of traffic from the property onto Drake Avenue. This use would then have two different accesses. That appears to be the remaining issue.

Mayor Bass noted that during the previous Committee of the Whole there was consensus of the Board to repeal and vacate the property for the appraised value. The use is a peaceful use that is not intrusive. Everyone wants safety and the congregants share the same concerns.

Trustee Hlepas Nickell stated that the new issue is the access for the parking lot to spill into the residential areas.

Attorney Elrod clarified that it is currently closed off and the question is whether to open it up or not. He does not know if the Plan Commission is the right location to make the decision. The Village Board could make the decision.

Trustee Hlepas Nickell reiterated that is her concern.

At this time the Mayor opened the floor for public comment regarding the matter.

Resident Pam Lefkowitz spoke on the matter. She spoke against the matter. She noted that she watched the previous Committee of the Whole meeting and heard the residents' concerns. She asked why so much parking is necessary. Mayor Bass explained that the regulation is from the Zoning Code. She asked if any of the Village Board members are stakeholders of the entity in question that is asking for the vacation.

Mayor Bass stated that he is not a member of the congregation.

Trustee Sugarman stated that he is not a member of the congregation.

Attorney Elrod pointed out that being a congregate would not prohibit someone from voting on the matter.

Mayor Bass noted that the process has been completely transparent and that is why the discussion is occurring this evening.

Resident Barry Wicker of 6430 Drake Avenue asked for clarification regarding what the issue is with the proposed plan.

Resident Steven Frey spoke on the matter. He thanked the petitioner for the changes that they made. He noted that his brother who lives at 6448 Drake Avenue does not like the idea of access for the synagogue onto the alley due to the flow of traffic. He believes others may share the concern for traffic flow. He thinks it is a good idea from a safety standpoint. His main concern is the zoning for the property. Mr. Frey agreed that the Plan Commission should review the matter including traffic concerns. He expressed various concerns about what the project will entail.

Attorney Elrod clarified and reminded the Board that in the Village of Lincolnwood in residential zones religious institutions are permitted uses which means that they are not subject to any additional review than any other use in a residential district. There is a request for a street vacation. Reasonable conditions can be imposed concerning a street vacation but they have to relate to issues related to the vacation, such as flow of traffic. If a review by the Plan Commission is requested it should be limited to only the issue related to the street vacation.

Attorney Elrod further clarified that there are codes they must comply with and that any use would have to comply with. Those codes are reviewed by Village staff to ensure any plans meet the Village Code.

Mr. Hammel, Development Manager, stated that the information provided to staff thus far complies with the code. If they do not they will have to seek a variation. If they are compliant with the Zoning Code they are not required to go through a public review.

Trustee Hlepas Nickell clarified that things such as lighting concerns have mechanisms in place to address any issues with light shielding. She also noted that she has tried to identify another property in the Village that is designed to exit onto an alley.

Mr. Hammel gave the example of Libanais.

Resident Barry Wicker of 6430 Drake Avenue commended the petitioner for the changes they made. He noted that opening up the alley helps the area. By opening the back end there is more egress opportunity. He suggested that resident only parking could be looked at on Drake Avenue. He feels that the property is a valuable property.

Mayor Bass asked how the Board can proceed.

Mr. Bauer reminded the Board that the use is permitted by right. The reason they are seeking the vacation is because of the Village's parking requirements. The applicant desires to provide a fully compliant site plan. If the Board's preference is not to have alley access the petitioner is willing to close off the access.

Attorney Elrod intervened and stated that there appears to be one open issue. He asked the petitioner if

they are willing to accept the appraised value. If they are then the issue of the alley can be addressed. He noted that the Ordinance could include a condition possibly based on a traffic study or a further review by a commission as to whether or not to allow access to the alley. The Village could require a traffic study that the petitioner would reimburse the Village for. He noted that may be a way to address the concerns of the Board.

Trustee Hlepas Nickell stated she is firm on the price and that we set a precedent when we sell property.

At this time Mr. Bauer stated that his client is accepting the appraised value of the property.

Attorney Elrod clarified that the only remaining issue is whether or not access should be allowed to the alley.

Trustee Patel stated that relative to the parking and the use of the parking lot for the site he disagrees with Mr. Bauer and the assertions that the parking lot is not used. He stated that he sent a picture just now to Mr. Meyer, Assistant to the Village Manager and Ms. McFarland, Management Analyst and asked if they could show it to the Board. He was a tenant at 3460 W. Devon for five years and he believes that the congregation is similar to the one near there although he is not sure of the details. He believes that the parking lot is always filled on Fridays until sundown on Saturday based on his own personal experience. This is a non-residential use extending into a residential area. He would like to see either the Plan Commission or the Village Board review the site plan with the benefit of a traffic study which should be prepared by the land owner and not by the Village. There is no obligation for the landowner to take the alley; they are asking us to vacate the alley for their use. He is in favor of vacating the alley for their use. He understands their need for it. He does not know what uses will occur at the facility and what type of traffic will be generated as a result.

Mayor Bass stated that he understands that Trustee Patel is open to a condition and appreciates his opinion. He noted that they are two separate organizations and Fast Signs and Global Podiatry also use the parking lot that he is referring to.

Trustee Patel reiterated that he believes the Plan Commission should review the traffic impact.

Mayor Bass asked if Trustee Spino asked if she would be open to the condition described previously.

Trustee Spino noted that she is in agreement with Trustee Patel’s comments. She does not have an issue with the vacation. It does address a lot of the concerns of the residents in the area. She does have a little bit of concern as to how traffic will flow in the area. She also agreed with Trustee Hlepas Nickell’s comments regarding the fact that we don’t know what the building may be in the future. She has some concern with traffic near the park and onto Drake Avenue. She would want to have the Plan Commission review the traffic impact.

Attorney Elrod stated that new language in Section 3B could be added concerning northbound vehicular access, the language could state that the applicant shall either prohibit or allow ingress and egress to and from the northbound portion of the alley based solely on the determination made by the Corporate Authorities of the Village by Resolution duly adopted. That will give the Village Board the ability to make the decision. It could be with the assistance of a traffic consultant or to send it to a commission to review. The petitioner would be bound by whatever decision the Village Board makes.

Trustee Hlepas Nickell asked Attorney Elrod to clarify the Village's practice with respect to the responsibility for the costs associated with experts on matters such as traffic. She wants to ensure that if a study for example were conducted that the petitioner would absorb the costs.

Attorney Elrod stated unequivocally yes. The Ordinance provides that they will absorb any legal fees and those of any consultants.

Trustee Ikezoe-Halevi asked if it was better to have a separate motion on the Ordinance Repealing Ordinance No. 1033. She stated that she thought it would be cleaner to have two separate motions and not have the repealing ordinance tied to the one vacating the alley.

Attorney Elrod said that it was allowed to have these in one motion.

Trustee Cope moved to approve the Ordinance repealing Ordinance No. 1033 and to approve an Ordinance vacating a portion of the alley with a revision to Section 3B which allows for the ultimate determination of the driveways by the Corporate Authorities making that determination, seconded by Trustee Sugarman.

Trustee Patel asked for clarification as to whether or not traffic impact will be reviewed only for the alley or for all driveways, which would include a review of possible traffic controls on Drake Avenue such as turn restrictions.

There was consensus from the Board to include all driveways.

Trustee Spino agreed that if it is all driveways she does not have a concern.

Upon Roll Call the Results were:
AYES: Trustees Sugarman, Hlepas Nickell, Ikezoe-Halevi, Cope, Patel (via phone), Spino (via phone)
NAYS: None The motion passed.

**5. Consideration of a Recommendation by the Zoning Board of Appeals in Case #ZB-11-17 to Deny a Variation Request Regarding Existing Non-Conforming Fences in the Corner Side Yard and Interior Side Yard of 6454 North Kimball Avenue and in the Interior Side Yard of 6450 North Kimball Avenue**

Mr. Hammel informed the Village Board that the petitioner is requesting that the item be tabled to February 6, 2018.

Trustee Hlepas Nickell moved to table the item to February 6, 2018, seconded by Trustee Ikezoe-Halevi.

Upon Roll Call the Results were:
AYES: Trustees Sugarman, Hlepas Nickell, Ikezoe-Halevi, Cope, Patel (via phone), Spino (via phone)
NAYS: None The motion passed.

**6. Consideration of a Resolution Amending the Village's Anti-Harassment Policy**

Trustee Cope reviewed the State Statue and the proposed Resolution. He agrees that the policy is good

but in the State Statue there is a provision regarding due process. Given the fact that a penalty can be so severe he feels our Resolution should include a process, it could be internal to have due process.

Attorney Elrod noted that the State Statue obligates the Village to approve this policy before January 15, 2018. There is not another Board meeting before that date. The Resolution presented complies with the State Statue. He recommends approving the policy and amending it at a later date to add the due process provision.

Consensus was to approve the policy and to amend it at a later date to include due process language.

Trustee Cope moved to approve the Resolution and to direct the Village's Labor Council to draft language to address due process to amend the language at a later date, seconded by Trustee Ikezoe-Halevi.

Upon Roll Call the Results were:
AYES: Trustees Sugarman, Hlepas Nickell, Ikezoe-Halevi, Cope, Patel (via phone), Spino (via phone)
NAYS: None The motion passed.

**Manager's Report**

None

**Board and Commissions Report**

None

**Village Clerk's Report**

None

**Trustees Reports**

Trustee Hlepas Nickell asked what the status is of the tabled Plan Commission recommendation for 6733-6735 Lincoln Avenue.

Staff stated that the item was tabled to today and that it should have been placed on the agenda and was not in error.

Attorney Elrod recommended that public notice be reissued if the petitioner wants to proceed.

Consensus was to reissue public notice on the matter once the petitioner is ready to proceed.

**Public Forum**

None

**Adjournment**

At 9:20 p.m. Trustee Hlepas Nickell moved to adjourn the meeting to Closed Session for the purpose of discussion regarding Employment Matters Per Section 2(c) 1, seconded by Trustee Sugarman.

Upon Roll Call the Results were:
AYES: Trustee Sugarman, Hlepas Nickell, Ikezoe-Halevi, Cope, Patel (via phone), Spino (via phone)
NAYS: None The motion passed.

**Reconvention**

At 10:30 p.m. President Bass reconvened the Village Board Meeting.

**Adjournment**

At 10:30 p.m. Trustee Sugarman moved to adjourn the meeting, seconded by Trustee Cope.
The motion passed with a Voice Vote.

Respectfully Submitted,

Ashley Engelmann
Deputy Village Clerk

# VILLAGE OF LINCOLNWOOD
# PRESIDENT AND BOARD OF TRUSTEES
# REGULAR MEETING
# VILLAGE HALL COUNCIL CHAMBERS
# JANUARY 16, 2018

**DRAFT**

## Call to Order

President Bass called the regular meeting of the Lincolnwood Board of Trustees to order at 7:30 p.m., Tuesday, January 16, 2018, in the Council Chambers of the Municipal Complex at 6900 N. 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.

## Roll Call

On roll call by Village Clerk Beryl Herman the following were:
PRESENT: President Bass, Trustees Spino, Hlepas Nickell, Ikezoe-Halevi, Patel, Cope
ABSENT: Trustee Sugarman

A quorum was present. Also present: Timothy Wiberg, Village Manager; Ashley Engelmann, Assistant Village Manager; Steve Elrod, Village Attorney; Charles Meyer, Assistant to the Village Manager; Doug Hammel, Development Manager; Andrew Letson, Public Works Director; Nadim Badran, Assistant to the Public Works Director; Bruce Rottner, Interim Police Chief and Heather McFarland, Management Analyst.

## Approval of Minutes

The minutes from the December 9, 2017 Special Meeting (as presented) and January 2, 2018 Village Board Meeting (as amended) were distributed and examined in advance.

Trustee Hlepas Nickell moved to approve the minutes as presented and amended, seconded by Trustee Ikezoe-Halevi.

The minutes were approved by a voice vote.

## Warrant Approval

President Bass presented the warrants for approval in the amount of $546,506.88. Trustee Hlepas Nickell moved to approve, seconded by Trustee Cope.

Upon a Roll Call the results were:
AYES: Trustees Spino, Hlepas Nickell, Ikezoe-Halevi, Patel, Cope
NAYS: None The motion passed.

## Village President's Report

1. **2nd Annual Iron Chief Cook-Off**

   The 2nd Annual Iron Chief Cook-Off will be held on Saturday, February 3 beginning at 6:30 p.m. at the Community Center located at 4701 W Morse Ave, next to Village Hall. This event is

hosted by Lincolnwood's Human Relations Committee (HRC). Iron Chef America Judge Mario Rizzotti will be the Emcee for the event. Tickets are $40 per person and are available online or at the Parks and Recreation office until January 30. At the door, tickets can be purchased for $50. Proceeds will be donated to the Niles Township Food Pantry.

2. **Former Cook County Commissioner Mary McDonald**

   Former Cook County Commissioner and longtime Lincolnwood resident Mary McDonald passed away recently. Visitation will be January 18 at Smith Corcoran Funeral Home.

3. **Coming Together 2018 Celebrating Muslim-American Cultures**

   On Thursday, January 11 a press conference was held to introduce the Coming Together 2018 programs to the media.

   The opening event for Coming Together will be Sunday, January 28 at 12 Noon at Niles West High School. Beginning at noon refreshments will be served and country artifact displays, art gallery, and artist demonstrations will occur. At 1 p.m. the program will begin in the auditorium, including Quran and Nasheed recitation, hip-hop emcee, spoken word poetry, music, and much more. Program emcee is award-winning NBC reporter Ash-har Quraishi.

4. **Charles Greenstein-Former Treasurer**

   At this time I would like to take a moment to say a few words about Charles (Chuck) Greenstein, who served as the Village Treasure for 14 years. Prior to being the Village Treasurer Chuck served as a commissioner on the Economic Development Commission as well as on the Ad Hoc Water and Sewer Committee. Chuck is however most known for being a huge Cubs fan and Chicago Bears. We wish Chuck and his family all the best and a speedy recovery.

## Consent Agenda

1. **Approval of a Resolution Amending the Village's Anti-Harassment Policy**

2. **Approval of a Recommendation by the Traffic Commission to Adopt an Ordinance to Amend Chapter 7, Article 2, Section 5 of the Village Code Pertaining to Two-Way Stop Control at the Intersections of Lowell and Jarvis Avenues and Kedvale and Jarvis Avenues**

3. **Approval of a Resolution Approving an Intergovernmental Agreement with the Illinois Department of Transportation for Grant Funding for the Engineering of Improvements to the Intersection of Touhy and Cicero Avenues**

4. **Approval of a Resolution for the Touhy Avenue Overpass Pertaining to the Following: A) Approving a Utility Relocation Agreement with Commonwealth Edison; and B) Approving a Prior Approval Authorization of Contract Change with the Illinois Department of Transportation**

***Mayor Bass requested item #5 be removed from the consent agenda and placed on Regular Business*** *as Item #5.*

Trustee Hlepas Nickell moved to approve the Consent Agenda as amended. The motion was seconded by Trustee Ikezoe-Halevi.

Upon a Roll Call the results were:
AYES: Trustees Spino, Hlepas Nickell, Ikezoe-Halevi, Patel, Cope
NAYS: None The motion passed.

**Regular Business**

**5. Approval of a Resolution Approving a Final Plat of Subdivision and Subdivision Variation for 6530 North Lincoln Avenue, as well as an Ordinance approving Special Uses related to parking located in the Front Yard and Variations related to Building Setbacks and Parking Lot Design on both Parcels Resulting from the requested Subdivision, and an Ordinance approving a Rezoning**

The petitioner has requested to continue the item to February 6, 2018.

Trustee Hlepas Nickell moved to continue, seconded by Trustee Spino.

The motion passed with a Voice Vote

**Manager's Report**

Mr. Wiberg noted that consent item #2 was the approval of two new stop signs that border the Village of Skokie. The Village of Skokie will install the new stop signs in early February when their Board approves them.

**Board and Commissions Report**

None

**Village Clerk's Report**

There will be voter registration at Lincolnwood Place from 11AM to 4PM on Tuesday, January 30. All Lincolnwood residents are welcome to register there.

Voter registration is available at Village Hall any weekday from 9AM to 5PM.

**Trustees Reports**

None

**Public Forum**

None

**Adjournment**

A motion was made to adjourn to closed session, but not recognized by President Bass as this closed session was placed on the agenda in error. President Bass stated that he would therefore not accept the motion.

At 7:43 PM. Trustee Cope moved to adjourn the meeting, seconded by Trustee Patel.

The motion passed with a Voice Vote.

Respectfully Submitted,

Beryl Herman
Village Clerk

TO: President and the Board of Trustees

FROM: Timothy C. Wiberg, Village Manager

SUBJECT: Warrant Approval

DATE: February 2, 2018

The following are the totals for the List of Bills being presented at the February 6th Village Board meeting.

| | | |
|---|---|---|
| 02/06/2018 | | 96,443.27 |
| 02/06/2018 | | 261,510.55 |
| 02/06/2018 | | 56,699.16 |
| 02/06/2018 | | 47,595.50 |
| 02/06/2018 | | 196,966.65 |
| 02/06/2018 | | 219,751.51 |
| Total | $ | 878,966.64 |

Return to VB Agenda

# Accounts Payable

## To Be Paid Proof List

User: jmazzeffi
Printed: 01/26/2018 - 3:28PM
Batch: 00100.02.2018

| Invoice Number | Invoice Date | Amount | Quantity | Payment Date |
|---|---|---|---|---|
| **Account Number** | | | | **Description** |
| Airgas USA LLC | | | | |
| AIRGAS | | | | |
| 9950092429 | 12/31/2017 | 314.75 | 0.00 | 02/06/2018 |
| 101-350-512-5660 EMS supplies | | | | Oxygen cylinders for ambulances |
| 9950092429 Total: | | 314.75 | | |
| Airgas USA LLC Total: | | 314.75 | | |
| American Charge Service | | | | |
| AMERCHAR | | | | |
| 11302017 | 11/30/2017 | 12.00 | 0.00 | 02/06/2018 |
| 205-570-515-5280 Subsidized taxi program | | | | Taxi Coupons - 101273 |
| 11302017 Total: | | 12.00 | | |
| American Charge Service T | | 12.00 | | |
| Avalon Petroleum | | | | |
| AVALON | | | | |
| 18750 | 12/13/2017 | 826.26 | 0.00 | 02/06/2018 |
| 101-440-513-5670 Fuel | | | | Fuel usage |
| 18750 | 12/13/2017 | 202.99 | 0.00 | 02/06/2018 |
| 205-430-515-5670 Fuel | | | | Fuel usage |
| 18750 | 12/13/2017 | 656.56 | 0.00 | 02/06/2018 |
| 660-620-519-5670 Fuel | | | | Fuel usage |
| 18750 | 12/13/2017 | 699.19 | 0.00 | 02/06/2018 |
| 101-350-512-5670 Fuel | | | | Fuel usage |

| Invoice Number / Account Number | | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|---|
| | 18750 Total: | | 2,385.00 | | |
| 569119 | | 1/11/2018 | 28.27 | 0.00 | 02/06/2018 |
| 101-240-517-5670 Fuel | | | | | Fuel usage |
| 569119 | | 1/11/2018 | 1,879.04 | 0.00 | 02/06/2018 |
| 101-300-512-5670 Fuel | | | | | Fuel usage |
| 569119 | | 1/11/2018 | 137.53 | 0.00 | 02/06/2018 |
| 101-350-512-5670 Fuel | | | | | Fuel usage |
| 569119 | | 1/11/2018 | 26.36 | 0.00 | 02/06/2018 |
| 101-400-511-5670 Fuel | | | | | Fuel usage |
| 569119 | | 1/11/2018 | 107.34 | 0.00 | 02/06/2018 |
| 101-410-511-5670 Fuel | | | | | Fuel usage |
| 569119 | | 1/11/2018 | 53.14 | 0.00 | 02/06/2018 |
| 101-420-511-5670 Fuel | | | | | Fuel usage |
| 569119 | | 1/11/2018 | 144.33 | 0.00 | 02/06/2018 |
| 101-440-513-5670 Fuel | | | | | Fuel usage |
| 569119 | | 1/11/2018 | 199.17 | 0.00 | 02/06/2018 |
| 205-430-515-5670 Fuel | | | | | Fuel usage |
| 569119 | | 1/11/2018 | 263.57 | 0.00 | 02/06/2018 |
| 660-620-519-5670 Fuel | | | | | Fuel usage |
| | 569119 Total: | | 2,838.75 | | |
| | Avalon Petroleum Total: | | 5,223.75 | | |
| Awogs | | | | | |
| AWOGS | | | | | |
| 1949 | | 1/7/2018 | 22.00 | 0.00 | 02/06/2018 |
| 101-350-512-5665 Firefighting supplies | | | | | Reflective face mask stickers |
| | 1949 Total: | | 22.00 | | |
| 1951 | | 1/7/2018 | 234.00 | 0.00 | 02/06/2018 |
| 101-350-512-5665 Firefighting supplies | | | | | SCBA Air bottle stickers |
| | 1951 Total: | | 234.00 | | |

| Invoice Number / Account Number | | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|---|
| | Awogs Total: | | 256.00 | | |
| Cassidy Tire | | | | | |
| CASSIDYT | | | | | |
| 6185089 | | 11/14/2017 | 825.14 | 0.00 | 02/06/2018 |
| 101-350-512-5480 R&M - vehicles | | | | | New tires & repairs 1502 |
| | 6185089 Total: | | 825.14 | | |
| 6185131 | | 11/15/2017 | 616.00 | 0.00 | 02/06/2018 |
| 101-350-512-5480 R&M - vehicles | | | | | New tires 1512 |
| | 6185131 Total: | | 616.00 | | |
| | Cassidy Tire Total: | | 1,441.14 | | |
| Chicago Metropolitan Fire Prevention Co. | | | | | |
| CHGOMETR | | | | | |
| 174724 | | 12/22/2017 | 851.00 | 0.00 | 02/06/2018 |
| 101-350-512-5411 R&M- Wireless Alarm Equipm | | | | | Monthly wireless radio network maintenance billing - Dec |
| | 174724 Total: | | 851.00 | | |
| | Chicago Metropolitan Fire | | 851.00 | | |
| Commonwealth Edison | | | | | |
| COMED | | | | | |
| 2873043051 | | 1/9/2018 | 306.58 | 0.00 | 02/06/2018 |
| 101-440-513-5785 Utilities - public way | | | | | 6471 N Lincoln |
| | 2873043051 Total: | | 306.58 | | |
| 300071087 | | 1/5/2018 | 207.12 | 0.00 | 02/06/2018 |
| 101-440-513-5785 Utilities - public way | | | | | 7157 N Keeler |
| | 300071087 Total: | | 207.12 | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 381169268 | 1/8/2018 | 299.48 | 0.00 | 02/06/2018 |
| 101-440-513-5785 Utilities - public way | | | | 7002 N Tripp |
| 381169268 Total: | | 299.48 | | |
| 4357072009 | 1/5/2018 | 270.42 | 0.00 | 02/06/2018 |
| 101-440-513-5785 Utilities - public way | | | | 6401 McCormick Road |
| 4357072009 Total: | | 270.42 | | |
| 4847019018 | 1/9/2018 | 270.87 | 0.00 | 02/06/2018 |
| 101-440-513-5785 Utilities - public way | | | | 6668 N Lincoln Ave |
| 4847019018 Total: | | 270.87 | | |
| Commonwealth Edison To | | 1,354.47 | | |
| Conrad Polygraph, Inc. | | | | |
| CONRAD | | | | |
| 2746 | 12/1/2017 | 160.00 | 0.00 | 02/06/2018 |
| 101-200-511-5599 Other contractual | | | | Polygraph services for Police Officer cadidates |
| 2746 Total: | | 160.00 | | |
| Conrad Polygraph, Inc. Tot | | 160.00 | | |
| Deluxe Business Checks & Solutions | | | | |
| DELUXEBU | | | | |
| 20415776363 | 1/9/2018 | 576.91 | 0.00 | 02/06/2018 |
| 101-210-511-5700 Office supplies | | | | Laser ACH Payroll checks |
| 20415776363 Total: | | 576.91 | | |
| Deluxe Business Checks & | | 576.91 | | |
| Duo Safety Ladder Corp | | | | |
| DUOSAFET | | | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 463821-00 | 1/4/2018 | 30.88 | 0.00 | 02/06/2018 |
| 101-350-512-5430 R&M - Fire & EMS equipmen | | | | Stainless steel wear sleeves for rung wear on ladders |
| 463821-00 Total: | | 30.88 | | |
| Duo Safety Ladder Corp To | | 30.88 | | |
| Groot Recycling & Waste Services | | | | |
| GROOT | | | | |
| 15506376 | 12/31/2017 | 576.23 | 0.00 | 02/06/2018 |
| 101-440-514-5230 Garbage & recycling | | | | Public Works/22280-002 |
| 15506376 Total: | | 576.23 | | |
| 15509591 | 12/31/2017 | 4,552.65 | 0.00 | 02/06/2018 |
| 101-440-514-5230 Garbage & recycling | | | | Public Works/22280-001 |
| 15509591 Total: | | 4,552.65 | | |
| 15511104 | 1/1/2018 | 58,269.98 | 0.00 | 02/06/2018 |
| 101-440-514-5230 Garbage & recycling | | | | Community pick up/1229-001 |
| 15511104 Total: | | 58,269.98 | | |
| 15511105 | 1/1/2018 | 738.89 | 0.00 | 02/06/2018 |
| 101-440-514-5230 Garbage & recycling | | | | School District 74/1230-001 |
| 15511105 Total: | | 738.89 | | |
| 15555008 | 1/1/2018 | 3,242.54 | 0.00 | 02/06/2018 |
| 101-440-514-5230 Garbage & recycling | | | | Multi family pick up/1231-001 |
| 15555008 Total: | | 3,242.54 | | |
| Groot Recycling & Waste S | | 67,380.29 | | |
| IRMA | | | | |
| IRMA | | | | |
| SALES0016587 | 12/31/2017 | 9,383.04 | 0.00 | 02/06/2018 |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 101-210-511-5260 Liability insurance | | | | December deductible |
| SALES0016587 Total: | | 9,383.04 | | |
| IRMA Total: | | 9,383.04 | | |
| Kane McKenna & Associates | | | | |
| KANEMKEN | | | | |
| 15194 | 12/31/2017 | 462.50 | 0.00 | 02/06/2018 |
| 217-000-517-5399 Other professional services | | | | Professional fees for Document preparation review |
| 15194 Total: | | 462.50 | | |
| Kane McKenna & Associa | | 462.50 | | |
| Lowe's Business Acc/GECF | | | | |
| LOWES | | | | |
| 05529 | 1/5/2018 | 15.14 | 0.00 | 02/06/2018 |
| 101-350-512-5799 Other materials & supplies | | | | Shop vac filters |
| 05529 Total: | | 15.14 | | |
| Lowe's Business Acc/GEC | | 15.14 | | |
| Maine-Niles Association of Special Recreation | | | | |
| MNASR | | | | |
| 16-397 | 1/3/2018 | 815.04 | 0.00 | 02/06/2018 |
| 205-580-515-5270 Purchased program services | | | | Inclusion services for December C 2017 |
| 16-397 Total: | | 815.04 | | |
| Maine-Niles Association o | | 815.04 | | |
| Pitney Bowes | | | | |
| PITNEYBO | | | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 3101867030 | 12/30/2017 | 262.26 | 0.00 | 02/06/2018 |
| 101-210-511-5440 R&M - office equipment | | | | Rental fees Dec 30 thru Jan 29, 2018 |
| 3101867030 Total: | | 262.26 | | |
| Pitney Bowes Total: | | 262.26 | | |
| S & E Inspections | | | | |
| S&EINSPE | | | | |
| 8516 | 12/14/2017 | 29.00 | 0.00 | 02/06/2018 |
| 101-350-512-5730 Program supplies | | | | Safety Inspections A8 |
| 8516 Total: | | 29.00 | | |
| 8567 | 12/21/2017 | 29.00 | 0.00 | 02/06/2018 |
| 101-350-512-5730 Program supplies | | | | Safety Inspections A6 |
| 8567 Total: | | 29.00 | | |
| 8571 | 12/21/2017 | 29.00 | 0.00 | 02/06/2018 |
| 101-350-512-5730 Program supplies | | | | Safety Inspections A7 |
| 8571 Total: | | 29.00 | | |
| S & E Inspections Total: | | 87.00 | | |
| Sam's Club | | | | |
| SAMSCL | | | | |
| 1406 | 1/12/2018 | -0.81 | 0.00 | 02/06/2018 |
| 205-520-515-5730 Program supplies | | | | Tax refund |
| 1406 Total: | | -0.81 | | |
| 3150 | 12/26/2017 | 36.71 | 0.00 | 02/06/2018 |
| 205-520-515-5730 Program supplies | | | | Winter Break Camp snacks |
| 3150 Total: | | 36.71 | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| Sam's Club Total: | | 35.90 | | |
| Trizetto Provider Solutions | | | | |
| TRIZETTO | | | | |
| 7108011800 | 1/1/2018 | 180.65 | 0.00 | 02/06/2018 |
| 101-000-410-4315 Ambulance & EMS fees | | | | Claims transaction fee for ambulance invoices |
| 7108011800 Total: | | 180.65 | | |
| Trizetto Provider Solutions | | 180.65 | | |
| United Dispatch, LLC | | | | |
| 303 | | | | |
| 45379 | 1/2/2018 | 38.00 | 0.00 | 02/06/2018 |
| 205-570-515-5280 Subsidized taxi program | | | | Taxi Coupons - Dec |
| 45379 Total: | | 38.00 | | |
| United Dispatch, LLC Tota | | 38.00 | | |
| United States Postal Service | | | | |
| USPOSTAL | | | | |
| PB010818 | 1/8/2018 | 2.30 | 0.00 | 02/06/2018 |
| 101-210-511-5720 Postage | | | | Pitney Bowes postage |
| PB010818 | 1/8/2018 | 4.56 | 0.00 | 02/06/2018 |
| 101-210-511-5720 Postage | | | | Pitney Bowes postage |
| PB010818 | 1/8/2018 | 60.53 | 0.00 | 02/06/2018 |
| 101-210-511-5720 Postage | | | | Pitney Bowes postage |
| PB010818 | 1/8/2018 | 9.22 | 0.00 | 02/06/2018 |
| 101-210-511-5720 Postage | | | | Pitney Bowes postage |
| PB010818 | 1/8/2018 | 8.49 | 0.00 | 02/06/2018 |
| 101-210-511-5720 Postage | | | | Pitney Bowes postage |
| PB010818 | 1/8/2018 | 11.27 | 0.00 | 02/06/2018 |
| 205-500-515-5720 Postage | | | | Pitney Bowes postage |
| PB010818 | 1/8/2018 | 10.80 | 0.00 | 02/06/2018 |
| 101-210-511-5720 Postage | | | | Pitney Bowes postage |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| PB010818 | 1/8/2018 | 225.52 | 0.00 | 02/06/2018 |
| 101-210-511-5720 Postage | | | | Pitney Bowes postage |
| PB010818 | 1/8/2018 | 381.86 | 0.00 | 02/06/2018 |
| 660-610-519-5720 Postage | | | | Pitney Bowes postage |
| PB010818 Total: | | 714.55 | | |
| United States Postal Servic | | 714.55 | | |
| Village of Glenview | | | | |
| VILLAGEG | | | | |
| 8406 | 1/4/2018 | 6,560.00 | 0.00 | 02/06/2018 |
| 101-200-511-5399 Other professional services | | | | Health inspections July 2017 thru Dec 2017 |
| 8406 Total: | | 6,560.00 | | |
| Village of Glenview Total: | | 6,560.00 | | |
| Weinstein, Joanna | | | | |
| WEINJOA | | | | |
| 12222017 | 12/22/2017 | 288.00 | 0.00 | 02/06/2018 |
| 205-504-410-4999 Miscellaneous | | | | Overpayment for Zumba Fitness classes |
| 12222017 Total: | | 288.00 | | |
| Weinstein, Joanna Total: | | 288.00 | | |
| Report Total: | | 96,443.27 | | |

Return to VB Agenda

# Accounts Payable

## To Be Paid Proof List

User: jmazzeffi
Printed: 01/26/2018 - 11:29AM
Batch: 00101.02.2018

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| Call One | | | | |
| CALLONE | | | | |
| 1129134 | 1/15/2018 | 1,149.36 | 0.00 | 02/06/2018 |
| 101-210-511-5580 Telephone | | | | Telephone Services/Admin/Police/Jan |
| 1129134 | 1/15/2018 | 370.48 | 0.00 | 02/06/2018 |
| 101-210-511-5580 Telephone | | | | Telephone Services/NORCOM/Jan |
| 1129134 | 1/15/2018 | 40.47 | 0.00 | 02/06/2018 |
| 101-210-511-5580 Telephone | | | | Telephone Services/Aquatic Center/Jan |
| 1129134 | 1/15/2018 | 43.45 | 0.00 | 02/06/2018 |
| 660-610-519-5580 Telecommunications | | | | Telephone Services/Public Works/Jan |
| 1129134 | 1/15/2018 | 45.21 | 0.00 | 02/06/2018 |
| 660-610-519-5580 Telecommunications | | | | Telephone Services/Pump House/Jan |
| 1129134 | 1/15/2018 | 495.78 | 0.00 | 02/06/2018 |
| 101-210-511-5580 Telephone | | | | Telephone Services/Municipal Center/Jan |
| 1129134 | 1/15/2018 | 263.00 | 0.00 | 02/06/2018 |
| 101-210-511-5580 Telephone | | | | Telephone Services/Red Center/Jan |
| 1129134 | 1/15/2018 | 455.30 | 0.00 | 02/06/2018 |
| 101-210-511-5580 Telephone | | | | Telephone Services/PRI Data/Jan |
| 1129134 Total: | | 2,863.05 | | |
| Call One Total: | | 2,863.05 | | |
| Christopher Burke Engineering | | | | |
| CHRISTB | | | | |
| 140835 | 1/8/2018 | 366.99 | 0.00 | 02/06/2018 |
| 101-290-511-5942 PW Building Engineer Costs | | | | Municipal Building roof evaluation |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 140835 Total: | | 366.99 | | |
| 140836 | 1/8/2018 | 166.50 | 0.00 | 02/06/2018 |
| 465-000-561-5340 Engineering | | | | Lincoln Avenue Medians |
| 140836 Total: | | 166.50 | | |
| 140837 | 1/8/2018 | 8,424.17 | 0.00 | 02/06/2018 |
| 660-620-519-5320 Consulting | | | | Water Transmission main route study |
| 140837 Total: | | 8,424.17 | | |
| 140838 | 1/8/2018 | 4,500.00 | 0.00 | 02/06/2018 |
| 660-620-519-5399 Other professional services | | | | Village Engineering Retainier |
| 140838 | 1/8/2018 | 4,500.00 | 0.00 | 02/06/2018 |
| 101-290-511-5920 Administration Engineer Costs | | | | Village Engineering Retainier |
| 140838 Total: | | 9,000.00 | | |
| 140839 | 1/8/2018 | 983.35 | 0.00 | 02/06/2018 |
| 101-290-511-5922 Building Engineering Costs | | | | 4320 Touhy Plan review |
| 140839 Total: | | 983.35 | | |
| 140840 | 1/8/2018 | 637.34 | 0.00 | 02/06/2018 |
| 101-290-511-5922 Building Engineering Costs | | | | 6530 N Lincoln plan review |
| 140840 Total: | | 637.34 | | |
| 140841 | 1/8/2018 | 454.92 | 0.00 | 02/06/2018 |
| 101-290-511-5922 Building Engineering Costs | | | | 7800 N McCormick subdivision application |
| 140841 Total: | | 454.92 | | |
| Christopher Burke Enginee | | 20,033.27 | | |
| City of Chicago Dept of Water | | | | |
| CTYOFCHI | | | | |
| 430883-430883 | 1/10/2018 | 70,305.84 | 0.00 | 02/06/2018 |
| 660-620-519-5790 Water purchases | | | | Water Bill 11/13/17-12/11/17 |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 430883-430883 Total: | | 70,305.84 | | |
| 430884-430884 | 1/10/2018 | 61,506.72 | 0.00 | 02/06/2018 |
| 660-620-519-5790 Water purchases | | | | Water Bill 11/13/17-12/11/17 |
| 430884-430884 Total: | | 61,506.72 | | |
| City of Chicago Dept of W | | 131,812.56 | | |
| Clark Baird Smith, LLP | | | | |
| CLARKBAI | | | | |
| 9409 | 12/31/2017 | 4,993.75 | 0.00 | 02/06/2018 |
| 101-230-511-5399 Other professional services | | | | Legal services for personnel matters |
| 9409 Total: | | 4,993.75 | | |
| Clark Baird Smith, LLP To | | 4,993.75 | | |
| ClientFirst Consulting Group, LLC | | | | |
| CLIENTFI | | | | |
| 8365 | 11/30/2017 | 5,661.25 | 0.00 | 02/06/2018 |
| 101-250-511-5320 Consulting | | | | IT Support |
| 8365 Total: | | 5,661.25 | | |
| 8366 | 11/30/2017 | 467.50 | 0.00 | 02/06/2018 |
| 101-000-210-2650 Contractor Permits Payable | | | | IT Support CD |
| 8366 Total: | | 467.50 | | |
| 8367 | 11/30/2017 | 343.75 | 0.00 | 02/06/2018 |
| 660-620-519-5320 Consulting | | | | IT Support PW |
| 8367 Total: | | 343.75 | | |
| 8368 | 11/30/2017 | 3,115.00 | 0.00 | 02/06/2018 |
| 101-250-511-5320 Consulting | | | | IT Mgmt |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 8368 Total: | | 3,115.00 | | |
| 8369 | 11/30/2017 | 2,213.75 | 0.00 | 02/06/2018 |
| 101-000-210-2650 Contractor Permits Payable | | | | Accela Migration |
| 8369 Total: | | 2,213.75 | | |
| 8370 | 11/30/2017 | 5,372.50 | 0.00 | 02/06/2018 |
| 101-250-511-5330 Data processing | | | | Anti-virus replacement |
| 8370 Total: | | 5,372.50 | | |
| 8372 | 11/30/2017 | 920.00 | 0.00 | 02/06/2018 |
| 660-620-519-5320 Consulting | | | | SCADA Backups |
| 8372 Total: | | 920.00 | | |
| ClientFirst Consulting Gro | | 18,093.75 | | |
| EarthChannel | | | | |
| EARTH | | | | |
| 7144 | 6/18/2017 | 4,995.00 | 0.00 | 02/06/2018 |
| 101-250-511-5340 Maintenance Agreement Expen | | | | Annual maintenance agreement |
| 7144 Total: | | 4,995.00 | | |
| EarthChannel Total: | | 4,995.00 | | |
| GOVTEMPSUSA LLC | | | | |
| GOVTEMP | | | | |
| 2434566 | 1/4/2018 | 4,117.75 | 0.00 | 02/06/2018 |
| 101-300-512-5599 Other contractual | | | | Interim Police Chief Contract Payment |
| 2434566 Total: | | 4,117.75 | | |
| 2434732 | 1/11/2018 | 2,639.00 | 0.00 | 02/06/2018 |
| 101-300-512-5599 Other contractual | | | | Interim Police Chief Contract Payment |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 2434732 Total: | | 2,639.00 | | |
| GOVTEMPSUSA LLC To | | 6,756.75 | | |
| Holland & Knight LLP HOLLAND | | | | |
| 5609351 | 12/31/2017 | 902.00 | 0.00 | 02/06/2018 |
| 101-230-511-5370 Legal - review | | | | Purple Hotel development |
| 5609351 Total: | | 902.00 | | |
| 5609353 | 12/31/2017 | 268.00 | 0.00 | 02/06/2018 |
| 101-230-511-5370 Legal - review | | | | Misc Private Dockets |
| 5609353 Total: | | 268.00 | | |
| 5609354 | 12/31/2017 | 129.00 | 0.00 | 02/06/2018 |
| 101-230-511-5370 Legal - review | | | | 6649 N Lincoln |
| 5609354 Total: | | 129.00 | | |
| 5609357 | 12/31/2017 | 175.00 | 0.00 | 02/06/2018 |
| 101-230-511-5360 Legal - litigation | | | | Purple Hotel Litigation |
| 5609357 | 12/31/2017 | -355.00 | 0.00 | 02/06/2018 |
| 101-230-511-5360 Legal - litigation | | | | Credit |
| 5609357 Total: | | -180.00 | | |
| 5609358 | 12/31/2017 | 220.57 | 0.00 | 02/06/2018 |
| 101-230-511-5360 Legal - litigation | | | | Personnel |
| 5609358 Total: | | 220.57 | | |
| 5609359 | 12/31/2017 | 2,247.50 | 0.00 | 02/06/2018 |
| 101-230-511-5370 Legal - review | | | | 6424 N Drake Alley vacation |
| 5609359 Total: | | 2,247.50 | | |
| 5609360 | 12/31/2017 | 1,155.00 | 0.00 | 02/06/2018 |
| 101-230-511-5370 Legal - review | | | | Evanston Water Agreement Negotiations |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 5609360 Total: | | 1,155.00 | | |
| Holland & Knight LLP Tot | | 4,742.07 | | |
| Impressions in Stone | | | | |
| IMPRESSI | | | | |
| 9150 | 9/20/2017 | 187.00 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Engraved pavers for the Promenade |
| 9150 Total: | | 187.00 | | |
| 9263 | 11/7/2017 | 102.00 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Engraved pavers for the Promenade |
| 9263 Total: | | 102.00 | | |
| Impressions in Stone Total | | 289.00 | | |
| RCN Telecom Services of Illinois, LLC | | | | |
| RCNTEL | | | | |
| 1001-0843800-01 | 1/4/2018 | 1,131.00 | 0.00 | 02/06/2018 |
| 215-000-512-5580 Telephone | | | | Access point at Skokie December charges |
| 1001-0843800-01 Total: | | 1,131.00 | | |
| 1001-0843825-01 | 1/4/2018 | 1,131.00 | 0.00 | 02/06/2018 |
| 215-000-512-5580 Telephone | | | | Access point at Skokie December charges |
| 1001-0843825-01 Total: | | 1,131.00 | | |
| RCN Telecom Services of I | | 2,262.00 | | |
| Robbins, Salomon & Patt, LTD | | | | |
| RS&PLTD | | | | |
| 219782 | 1/10/2018 | 1,627.50 | 0.00 | 02/06/2018 |
| 101-230-511-5399 Other professional services | | | | December - Municipal Prsecution/Traffic Violations |

| Invoice Number | Invoice Date | Amount | Quantity | Payment Date |
|---|---|---|---|---|
| **Account Number** | | | | **Description** |
| 219782 Total: | | 1,627.50 | | |
| 219784 | 1/10/2018 | 1,552.50 | 0.00 | 02/06/2018 |
| 101-230-511-5399 Other professional services | | | | December - Adjudicative Hearings |
| 219784 Total: | | 1,552.50 | | |
| Robbins, Salomon & Patt, | | 3,180.00 | | |
| Verizon Wireless | | | | |
| VERIZON | | | | |
| 9798988696 | 1/1/2018 | 90.10 | 0.00 | 02/06/2018 |
| 101-000-210-2650 Contractor Permits Payable | | | | Cell phones and tablets data charges |
| 9798988696 Total: | | 90.10 | | |
| Verizon Wireless Total: | | 90.10 | | |
| Village of Skokie | | | | |
| VILLSKOK | | | | |
| 51888 | 1/2/2018 | 61,399.25 | 0.00 | 02/06/2018 |
| 101-300-512-5399 Other professional services | | | | January E911 Dispatch Services |
| 51888 Total: | | 61,399.25 | | |
| Village of Skokie Total: | | 61,399.25 | | |
| Report Total: | | 261,510.55 | | |

Return to VB Agenda

# Accounts Payable

## To Be Paid Proof List

User: jmazzeffi
Printed: 01/29/2018 - 9:13AM
Batch: 00102.02.2018

| Invoice Number | Invoice Date | Amount | Quantity | Payment Date |
|---|---|---|---|---|
| **Account Number** | | | | **Description** |
| Amazon | | | | |
| AMAZON | | | | |
| 437758338738 | 12/29/2017 | 110.94 | 0.00 | 02/06/2018 |
| 101-420-511-5730 Program supplies | | | | Battery for Power tool |
| 437758338738 Total: | | 110.94 | | |
| 445834786797 | 12/20/2017 | 949.00 | 0.00 | 02/06/2018 |
| 101-250-511-5330 Data processing | | | | Video conversion for PW Conference room |
| 445834786797 Total: | | 949.00 | | |
| 448497999896 | 12/27/2017 | 124.99 | 0.00 | 02/06/2018 |
| 101-250-511-5330 Data processing | | | | Printer for ambulance |
| 448497999896 Total: | | 124.99 | | |
| 564484497544 | 12/27/2017 | 146.76 | 0.00 | 02/06/2018 |
| 101-250-511-5330 Data processing | | | | Printer for PW Foreman |
| 564484497544 Total: | | 146.76 | | |
| 597939833658 | 1/4/2018 | -84.99 | 0.00 | 02/06/2018 |
| 101-250-511-6530 Equipment - data processing | | | | Printer returned |
| 597939833658 Total: | | -84.99 | | |
| 645336948533 | 12/30/2017 | 27.99 | 0.00 | 02/06/2018 |
| 101-100-511-5799 Other materials & supplies | | | | Heat cans for Board meeting dinners |
| 645336948533 Total: | | 27.99 | | |
| 646498853747 | 12/18/2017 | 86.64 | 0.00 | 02/06/2018 |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 101-210-511-5700 Office supplies | | | | Adding machine tape for cash drawer |
| 646498853747 Total: | | 86.64 | | |
| 656559896453 | 1/5/2018 | 31.96 | 0.00 | 02/06/2018 |
| 101-410-511-5480 R&M - vehicles | | | | No Smoking signs |
| 656559896453 Total: | | 31.96 | | |
| 893793779388 | 1/3/2018 | 55.00 | 0.00 | 02/06/2018 |
| 101-250-511-6530 Equipment - data processing | | | | Monitor for Finance Dept |
| 893793779388 Total: | | 55.00 | | |
| 893984397688 | 12/8/2017 | 162.98 | 0.00 | 02/06/2018 |
| 101-250-511-6530 Equipment - data processing | | | | Monitor for PD |
| 893984397688 Total: | | 162.98 | | |
| 946984884346 | 1/8/2018 | 20.00 | 0.00 | 02/06/2018 |
| 101-410-511-5730 Program supplies | | | | Printer toner |
| 946984884346 Total: | | 20.00 | | |
| Amazon Total: | | 1,631.27 | | |
| Business Only Broadband | | | | |
| BUSONLY | | | | |
| 85264 | 2/1/2018 | 250.00 | 0.00 | 02/06/2018 |
| 101-250-511-5580 Telecommunications | | | | Back up connection - Internet Access |
| 85264 Total: | | 250.00 | | |
| 85265 | 2/1/2018 | 250.00 | 0.00 | 02/06/2018 |
| 101-250-511-5580 Telecommunications | | | | Wireless alarm internet access |
| 85265 Total: | | 250.00 | | |
| Business Only Broadband | | 500.00 | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| Canon Solutions America | | | | |
| CANN | | | | |
| 453357 | 1/1/2018 | 48.32 | 0.00 | 02/06/2018 |
| 101-210-511-5440 R&M - office equipment | | | | Copier Maintenance - January |
| 453357 | 1/1/2018 | 11.34 | 0.00 | 02/06/2018 |
| 101-210-511-5440 R&M - office equipment | | | | Copier usage - Dec |
| 453357 Total: | | 59.66 | | |
| Canon Solutions America T | | 59.66 | | |
| Cassidy Tire | | | | |
| CASSIDYT | | | | |
| 708000652 | 1/10/2018 | 150.00 | 0.00 | 02/06/2018 |
| 101-300-512-5480 R&M - vehicles | | | | Tires for Squad 212 |
| 708000652 Total: | | 150.00 | | |
| Cassidy Tire Total: | | 150.00 | | |
| Chicago Communications, LLC | | | | |
| CHGOCOMM | | | | |
| 298194 | 1/11/2018 | 49.60 | 0.00 | 02/06/2018 |
| 101-300-512-5410 R&M - communications equipm | | | | Portable radio maintenance - February |
| 298194 Total: | | 49.60 | | |
| Chicago Communications, | | 49.60 | | |
| ClientFirst Consulting Group, LLC | | | | |
| CLIENTFI | | | | |
| 8467 | 12/31/2017 | 4,683.75 | 0.00 | 02/06/2018 |
| 101-250-511-5320 Consulting | | | | IT Support |
| 8467 Total: | | 4,683.75 | | |

| Invoice Number | Invoice Date | Amount | Quantity | Payment Date |
|---|---|---|---|---|
| Account Number | | | | Description |
| 8468 | 12/31/2017 | 560.00 | 0.00 | 02/06/2018 |
| 101-000-210-2650 Contractor Permits Payable | | | | IT Support CD |
| 8468 Total: | | 560.00 | | |
| 8469 | 12/31/2017 | 752.50 | 0.00 | 02/06/2018 |
| 660-620-519-5320 Consulting | | | | IT Support PW |
| 8469 Total: | | 752.50 | | |
| 8470 | 12/31/2017 | 735.00 | 0.00 | 02/06/2018 |
| 101-250-511-5320 Consulting | | | | IT Mgmt |
| 8470 Total: | | 735.00 | | |
| 8471 | 12/31/2017 | 862.50 | 0.00 | 02/06/2018 |
| 101-000-210-2650 Contractor Permits Payable | | | | Accela Migration |
| 8471 Total: | | 862.50 | | |
| 8473 | 12/31/2017 | 920.00 | 0.00 | 02/06/2018 |
| 660-620-519-5320 Consulting | | | | Backups |
| 8473 Total: | | 920.00 | | |
| 8474 | 12/31/2017 | 690.00 | 0.00 | 02/06/2018 |
| 101-250-511-5320 Consulting | | | | CAD Consolidation Final items |
| 8474 Total: | | 690.00 | | |
| 8477 | 12/31/2017 | 57.50 | 0.00 | 02/06/2018 |
| 101-250-511-5320 Consulting | | | | Police Dept Squad pictures |
| 8477 Total: | | 57.50 | | |
| 8478 | 12/31/2017 | 57.50 | 0.00 | 02/06/2018 |
| 101-250-511-5330 Data processing | | | | PD Video server replacement |
| 8478 Total: | | 57.50 | | |
| 8479 | 12/31/2017 | 920.00 | 0.00 | 02/06/2018 |
| 101-250-511-6530 Equipment - data processing | | | | Switch Expansion & upgrades |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 8479 Total: | | 920.00 | | |
| ClientFirst Consulting Gro | | 10,238.75 | | |
| First Advantage Occ Health Svcs | | | | |
| FIRSTADV | | | | |
| 945944 | 12/31/2017 | 28.95 | 0.00 | 02/06/2018 |
| 101-200-511-5599 Other contractual | | | | Drug test for employee |
| 945944 Total: | | 28.95 | | |
| First Advantage Occ Health | | 28.95 | | |
| GOVTEMPSUSA LLC | | | | |
| GOVTEMP | | | | |
| 2439370 | 1/11/2018 | 3,367.00 | 0.00 | 02/06/2018 |
| 101-300-512-5599 Other contractual | | | | Interim Police Chief Contract |
| 2439370 Total: | | 3,367.00 | | |
| GOVTEMPSUSA LLC To | | 3,367.00 | | |
| JG Uniforms Inc | | | | |
| JGUNIFOR | | | | |
| 30762 | 1/4/2018 | 35.00 | 0.00 | 02/06/2018 |
| 101-300-512-5070 Uniform allowance | | | | Uniform allowance |
| 30762 Total: | | 35.00 | | |
| 30946 | 1/8/2018 | 738.90 | 0.00 | 02/06/2018 |
| 101-300-512-5070 Uniform allowance | | | | Uniform allowance |
| 30946 Total: | | 738.90 | | |
| 31115 | 1/11/2018 | 60.00 | 0.00 | 02/06/2018 |
| 101-300-512-5070 Uniform allowance | | | | Uniform allowance |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 31115 Total: | | 60.00 | | |
| 31116 | 1/11/2018 | 139.95 | 0.00 | 02/06/2018 |
| 101-300-512-5070 Uniform allowance | | | | Uniform allowance |
| 31116 Total: | | 139.95 | | |
| 31270 | 1/15/2018 | 378.45 | 0.00 | 02/06/2018 |
| 101-300-512-5070 Uniform allowance | | | | Uniform allowance |
| 31270 Total: | | 378.45 | | |
| 31387 | 1/17/2018 | 149.50 | 0.00 | 02/06/2018 |
| 101-300-512-5070 Uniform allowance | | | | Uniform allowance |
| 31387 Total: | | 149.50 | | |
| JG Uniforms Inc Total: | | 1,501.80 | | |
| Kohn, Rebecca | | | | |
| KOHNREB | | | | |
| HRC-8531 | 10/17/2017 | 51.13 | 0.00 | 02/06/2018 |
| 101-210-511-5440 R&M - office equipment | | | | Fruit basket for 2016 HR person of the Year award |
| HRC-8531 Total: | | 51.13 | | |
| Kohn, Rebecca Total: | | 51.13 | | |
| Language Stars, LLC | | | | |
| LANGUA | | | | |
| 1756 | 1/15/2018 | 529.20 | 0.00 | 02/06/2018 |
| 205-502-515-5270 Purchased program services | | | | Spanish Classes - Winter 2018 |
| 1756 Total: | | 529.20 | | |
| Language Stars, LLC Total | | 529.20 | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| Maine-Niles Association of Special Recreation | | | | |
| MNASR | | | | |
| 16-403 | 1/3/2018 | 786.25 | 0.00 | 02/06/2018 |
| 205-580-515-5270 Purchased program services | | | | Inclusion Services for: January A 2018 |
| 16-403 Total: | | 786.25 | | |
| Maine-Niles Association o | | 786.25 | | |
| Malnati Organization | | | | |
| MALNATI | | | | |
| 2564444 | 1/16/2018 | 92.75 | 0.00 | 02/06/2018 |
| 101-300-512-5730 Program supplies | | | | Lunch for Mini Academy Training |
| 2564444 Total: | | 92.75 | | |
| Malnati Organization Total | | 92.75 | | |
| Marc Printing | | | | |
| MARCP | | | | |
| 111589 | 1/10/2018 | 298.15 | 0.00 | 02/06/2018 |
| 101-210-511-5700 Office supplies | | | | #9 Window Envelopes |
| 111589 Total: | | 298.15 | | |
| Marc Printing Total: | | 298.15 | | |
| MaRous & Company | | | | |
| MAROUS | | | | |
| #17-262N | 12/5/2017 | 1,900.00 | 0.00 | 02/06/2018 |
| 101-230-511-5370 Legal - review | | | | Restricted Appraisal report/Public alley vacation |
| #17-262N Total: | | 1,900.00 | | |
| MaRous & Company Total | | 1,900.00 | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| MES | | | | |
| MES | | | | |
| IN1193026 | 1/11/2018 | 1,630.00 | 0.00 | 02/06/2018 |
| 101-350-512-5665 Firefighting supplies | | | | Hoses |
| IN1193026 Total: | | 1,630.00 | | |
| MES Total: | | 1,630.00 | | |
| MGP, Inc. | | | | |
| MGPINC | | | | |
| 3633 | 12/31/2017 | 909.13 | 0.00 | 02/06/2018 |
| 101-250-511-5599 Other contractual | | | | GISC Staffing - December |
| 3633 | 12/31/2017 | 909.13 | 0.00 | 02/06/2018 |
| 101-000-210-2650 Contractor Permits Payable | | | | GISC Staffing - December |
| 3633 | 12/31/2017 | 1,818.26 | 0.00 | 02/06/2018 |
| 660-620-519-5599 Other contractual | | | | GISC Staffing - December |
| 3633 | 12/31/2017 | 275.00 | 0.00 | 02/06/2018 |
| 101-250-511-5599 Other contractual | | | | GISC Staffing - December |
| 3633 Total: | | 3,911.52 | | |
| MGP, Inc. Total: | | 3,911.52 | | |
| North Suburban Employee Benefit | | | | |
| NSEBENEF | | | | |
| February, 2018 | 1/18/2018 | 10,315.00 | 0.00 | 02/06/2018 |
| 102-000-210-2028 Dental insurance premium with | | | | Dental bill - Feb |
| February, 2018 Total: | | 10,315.00 | | |
| North Suburban Employee | | 10,315.00 | | |
| Pioneer Press | | | | |
| PIONEERP | | | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 1112018 | 1/11/2018 | 32.24 | 0.00 | 02/06/2018 |
| 205-500-515-5560 Printing & copying services | | | | Paper for Parks and Rec |
| 1112018 Total: | | 32.24 | | |
| Pioneer Press Total: | | 32.24 | | |
| Rottner, Bruce | | | | |
| ROTTNEBR | | | | |
| 011852018 | 1/18/2018 | 60.00 | 0.00 | 02/06/2018 |
| 101-300-512-5062 Phone Stipend | | | | Cell phone stipend for Police Chief |
| 011852018 Total: | | 60.00 | | |
| Rottner, Bruce Total: | | 60.00 | | |
| Sam's Club | | | | |
| SAMSCL | | | | |
| 5790 | 1/9/2018 | 32.84 | 0.00 | 02/06/2018 |
| 101-300-512-5730 Program supplies | | | | Water, 9 volt batteries |
| 5790 Total: | | 32.84 | | |
| Sam's Club Total: | | 32.84 | | |
| Sarge's Range Service Inc | | | | |
| SARGE | | | | |
| SRS-61 | 1/18/2018 | 800.00 | 0.00 | 02/06/2018 |
| 101-300-512-5405 R&M - buildings | | | | Maintenance Police shooting range - January |
| SRS-61 Total: | | 800.00 | | |
| Sarge's Range Service Inc T | | 800.00 | | |
| Solid Waste Agency of Northern Cook County | | | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| SOLIDWA | | | | |
| 5828 | 2/1/2018 | 18,232.81 | 0.00 | 02/06/2018 |
| 101-440-514-5230 Garbage & recycling | | | | FY 2018 O & M Costs - March |
| 5828 | 2/1/2018 | -150.26 | 0.00 | 02/06/2018 |
| 101-440-514-5230 Garbage & recycling | | | | FY 20148 O & M True-up |
| 5828 Total: | | 18,082.55 | | |
| Solid Waste Agency of Nor | | 18,082.55 | | |
| State Industrial Products | | | | |
| STATE | | | | |
| 900323250 | 1/10/2018 | 174.75 | 0.00 | 02/06/2018 |
| 101-300-512-5730 Program supplies | | | | Anti-bacterial hand sanitizer |
| 900323250 Total: | | 174.75 | | |
| State Industrial Products To | | 174.75 | | |
| Trans Union Corp | | | | |
| TRANSU | | | | |
| 12700423 | 12/25/2017 | 65.00 | 0.00 | 02/06/2018 |
| 101-300-512-5399 Other professional services | | | | Credit checks on applicants subscription fee |
| 12700423 Total: | | 65.00 | | |
| Trans Union Corp Total: | | 65.00 | | |
| VCG Uniform | | | | |
| VCGUNIFO | | | | |
| 20078 | 1/19/2018 | 109.00 | 0.00 | 02/06/2018 |
| 101-300-512-5070 Uniform allowance | | | | Uniform allowance |
| 20078 Total: | | 109.00 | | |

| Invoice Number | Invoice Date | Amount | Quantity | Payment Date |
|---|---|---|---|---|
| **Account Number** | | | | **Description** |
| | VCG Uniform Total: | 109.00 | | |
| Zoll Medical Corporation GPO ZOLLMEDC | | | | |
| 2622789 | 1/9/2018 | 301.75 | 0.00 | 02/06/2018 |
| 101-350-512-5660 EMS supplies | | | | Oxygen cylinders |
| | 2622789 Total: | 301.75 | | |
| | Zoll Medical Corporation G | 301.75 | | |
| | Report Total: | 56,699.16 | | |

Return to VB Agenda

# Accounts Payable

## To Be Paid Proof List

User: jmazzeffi
Printed: 01/26/2018 - 10:01AM
Batch: 00103.02.2018

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| Amazon | | | | |
| AMAZON | | | | |
| 112-4954886 | 11/6/2017 | -18.99 | 0.00 | 02/06/2018 |
| 205-571-515-5730 Program supplies | | | | Refund - Acrylic signs for Marketing |
| 112-4954886 Total: | | -18.99 | | |
| 488584664595 00 | 12/8/2017 | 14.75 | 0.00 | 02/06/2018 |
| 205-530-515-5730 Program supplies | | | | Day Camp Supervisor phone cover |
| 488584664595 00 | 12/8/2017 | 48.97 | 0.00 | 02/06/2018 |
| 205-504-515-5270 Purchased program services | | | | Gingerbread House Event |
| 488584664595 00 Total: | | 63.72 | | |
| 489867596396 00 | 12/11/2017 | 7.85 | 0.00 | 02/06/2018 |
| 205-500-515-5700 Office supplies | | | | Padded envelopes |
| 489867596396 00 Total: | | 7.85 | | |
| 489887596396 00 | 12/11/2017 | 67.99 | 0.00 | 02/06/2018 |
| 205-560-515-5405 R&M - buildings | | | | Aquatic Center Front Desk depository safe |
| 489887596396 00 Total: | | 67.99 | | |
| 866776567859 00 | 12/16/2017 | 16.18 | 0.00 | 02/06/2018 |
| 205-500-515-5700 Office supplies | | | | IPRA Award submission boards |
| 866776567859 00 | 12/16/2017 | 45.44 | 0.00 | 02/06/2018 |
| 205-504-515-5730 Program supplies | | | | Frames for Daddy Daughter photo booth |
| 866776567859 00 Total: | | 61.62 | | |

| Invoice Number | Invoice Date | Amount | Quantity | Payment Date |
|---|---|---|---|---|
| **Account Number** | | | | **Description** |
| Amazon Total: | | 182.19 | | |
| American Express | | | | |
| AMEREXP | | | | |
| 012218 | 1/22/2018 | 90.00 | 0.00 | 02/06/2018 |
| 101-210-511-5725 Bank & Credit Card Fees | | | | Membership fees |
| 012218 Total: | | 90.00 | | |
| 31083011818 | 1/18/2018 | 17.97 | 0.00 | 02/06/2018 |
| 101-350-512-5740 Repair parts | | | | Central Products - Knob latch for paper towel dispenser |
| 31083011818 | 1/18/2018 | 175.00 | 0.00 | 02/06/2018 |
| 101-350-512-5570 Professional associations | | | | NFPA - Annual subscription |
| 31083011818 | 1/18/2018 | 129.00 | 0.00 | 02/06/2018 |
| 101-350-512-5770 Training supplies | | | | PWW - Webinar for ambulance billing |
| 31083011818 | 1/18/2018 | 160.65 | 0.00 | 02/06/2018 |
| 101-350-512-5740 Repair parts | | | | Cummins Power - Glow plugs for T15 |
| 31083011818 Total: | | 482.62 | | |
| 31182010218 | 1/2/2018 | 295.00 | 0.00 | 02/06/2018 |
| 101-200-511-5510 Advertising | | | | Job posting for PW |
| 31182010218 | 1/2/2018 | 358.88 | 0.00 | 02/06/2018 |
| 101-250-511-5340 Maintenance Agreement Expen | | | | Goto Meeting for Council Chambers |
| 31182010218 | 1/2/2018 | 27.47 | 0.00 | 02/06/2018 |
| 101-100-511-5840 Meals | | | | Dinner - Village Board meeting |
| 31182010218 | 1/2/2018 | 10.00 | 0.00 | 02/06/2018 |
| 101-100-511-5840 Meals | | | | Dessert for Village Board meeting |
| 31182010218 Total: | | 691.35 | | |
| 31182010318 | 1/3/2018 | 52.61 | 0.00 | 02/06/2018 |
| 101-250-511-5340 Maintenance Agreement Expen | | | | Server Storage - Amazon |
| 31182010318 Total: | | 52.61 | | |
| 31182010518 | 1/5/2018 | 29.99 | 0.00 | 02/06/2018 |
| 101-250-511-5330 Data processing | | | | Adobe for CD intern |

| Invoice Number | Invoice Date | Amount | Quantity | Payment Date |
|---|---|---|---|---|
| **Account Number** | | | | **Description** |
| 31182010518 Total: | | 29.99 | | |
| 31182010818 | 1/8/2018 | 153.53 | 0.00 | 02/06/2018 |
| 101-250-511-6530 Equipment - data processing | | | | Battery for PD Server |
| 31182010818 Total: | | 153.53 | | |
| 31182121117 | 12/11/2017 | -1.87 | 0.00 | 02/06/2018 |
| 101-250-511-5330 Data processing | | | | Adobe purchase tax refund |
| 31182121117 Total: | | -1.87 | | |
| 31182121917 | 12/19/2017 | 203.50 | 0.00 | 02/06/2018 |
| 101-100-511-5840 Meals | | | | Dinner for Village Board meeting |
| 31182121917 Total: | | 203.50 | | |
| 31182122817 | 12/28/2017 | 1.99 | 0.00 | 02/06/2018 |
| 101-250-511-5340 Maintenance Agreement Expen | | | | Website Domain |
| 31182122817 | 12/28/2017 | 205.00 | 0.00 | 02/06/2018 |
| 101-200-511-5570 Professional associations | | | | IPELRA Membership fee |
| 31182122817 Total: | | 206.99 | | |
| 31190010118 | 1/1/2018 | 10.00 | 0.00 | 02/06/2018 |
| 205-560-515-5640 Computer supplies | | | | Google - Pool Account |
| 31190010118 | 1/1/2018 | 10.00 | 0.00 | 02/06/2018 |
| 205-530-515-5730 Program supplies | | | | Google - Camp Account |
| 31190010118 Total: | | 20.00 | | |
| 3119001018 | 1/10/2018 | 269.00 | 0.00 | 02/06/2018 |
| 205-500-515-5570 Professional associations | | | | IPRA - Annual membership renewal |
| 3119001018 Total: | | 269.00 | | |
| 31190010218 | 1/2/2018 | 15.00 | 0.00 | 02/06/2018 |
| 205-500-515-5725 Credit card charges | | | | Plug n Play monthly billing |
| 31190010218 | 1/2/2018 | 415.00 | 0.00 | 02/06/2018 |
| 205-520-515-5270 Purchased program services | | | | Putting Edge - Winter Break camp field trip |

| Invoice Number | Invoice Date | Amount | Quantity | Payment Date |
|---|---|---|---|---|
| Account Number | | | | Description |
| 31190010218 Total: | | 430.00 | | |
| 31190010318 | 1/3/2018 | 100.00 | 0.00 | 02/06/2018 |
| 205-520-515-5270 Purchased program services | | | | Sky HIgh Sports - Spring Break camp deposit |
| 31190010318 | 1/3/2018 | 48.98 | 0.00 | 02/06/2018 |
| 205-530-515-5730 Program supplies | | | | Office Max - Summer camp office supplies |
| 31190010318 | 1/3/2018 | 385.73 | 0.00 | 02/06/2018 |
| 205-520-515-5270 Purchased program services | | | | Lou Malnati's - Winter Break camp field trip |
| 31190010318 Total: | | 534.71 | | |
| 31190010418 | 1/4/2018 | 180.75 | 0.00 | 02/06/2018 |
| 205-520-515-5270 Purchased program services | | | | Schaumburg Park District - Winter Break field trip |
| 31190010418 Total: | | 180.75 | | |
| 31190010518 | 1/5/2018 | 281.65 | 0.00 | 02/06/2018 |
| 205-504-515-5730 Program supplies | | | | Fun Express - Daddy Daughter Dance supplies |
| 31190010518 | 1/5/2018 | 295.70 | 0.00 | 02/06/2018 |
| 205-502-515-5730 Program supplies | | | | Fun Express - Birthday Party supplies |
| 31190010518 | 1/5/2018 | 192.00 | 0.00 | 02/06/2018 |
| 205-520-515-5270 Purchased program services | | | | Jump Zone - Winter Break camp field trip |
| 31190010518 Total: | | 769.35 | | |
| 31190121317 | 12/13/2017 | 944.51 | 0.00 | 02/06/2018 |
| 205-570-515-5270 Purchased program services | | | | Ticketmaster - Senior Social Club theater trip |
| 31190121317 | 12/13/2017 | 665.28 | 0.00 | 02/06/2018 |
| 205-570-515-5270 Purchased program services | | | | Drury Lane Theater - Sr. Social Club Theater trip |
| 31190121317 | 12/13/2017 | 29.00 | 0.00 | 02/06/2018 |
| 205-504-515-5270 Purchased program services | | | | Dollar Tree - Gingerbread House event supplies |
| 31190121317 | 12/13/2017 | 31.45 | 0.00 | 02/06/2018 |
| 205-504-515-5270 Purchased program services | | | | Michael's - Gingerbread House Event supplies |
| 31190121317 | 12/13/2017 | 486.20 | 0.00 | 02/06/2018 |
| 205-570-515-5270 Purchased program services | | | | Paramount Arts Center - Theater tickets for Senior |
| 31190121317 Total: | | 2,156.44 | | |
| 31190121417 | 12/14/2017 | 6.40 | 0.00 | 02/06/2018 |
| 205-504-515-5270 Purchased program services | | | | Walmart - Gingerbread House Event supplies |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 31190121417 Total: | | 6.40 | | |
| 31190121817 | 12/18/2017 | 978.98 | 0.00 | 02/06/2018 |
| 205-570-515-5645 Concessions & food | | | | M & S Banquets - Senior Holiday Luncheon |
| 31190121817 Total: | | 978.98 | | |
| 31190121917 | 12/19/2017 | 675.00 | 0.00 | 02/06/2018 |
| 205-507-515-5730 Program supplies | | | | Patriot Brass Ensemble - Memorial Day Band |
| 31190121917 | 12/19/2017 | 5.99 | 0.00 | 02/06/2018 |
| 205-504-515-5730 Program supplies | | | | Windy City Novelties - Daddy Daughter Dance |
| 31190121917 Total: | | 680.99 | | |
| 31190122217 | 12/22/2017 | 106.10 | 0.00 | 02/06/2018 |
| 205-520-515-5270 Purchased program services | | | | Brunswick Zone - Winter Break Camp field trip |
| 31190122217 Total: | | 106.10 | | |
| 31190122717 | 12/27/2017 | 220.00 | 0.00 | 02/06/2018 |
| 205-520-515-5270 Purchased program services | | | | Sky High - Winter Break Camp field trip |
| 31190122717 Total: | | 220.00 | | |
| 31190122817 | 12/28/2017 | 129.66 | 0.00 | 02/06/2018 |
| 205-520-515-5270 Purchased program services | | | | Brunswick Zone - Winter Break camp field trip |
| 31190122817 | 12/28/2017 | 26.47 | 0.00 | 02/06/2018 |
| 205-520-515-5799 Other materials & supplies | | | | Jewel - Winter Break camp supplies |
| 31190122817 Total: | | 156.13 | | |
| 31190123117 | 12/31/2017 | 7.00 | 0.00 | 02/06/2018 |
| 205-520-515-5799 Other materials & supplies | | | | Facebook - Post to Promote language stars class |
| 31190123117 Total: | | 7.00 | | |
| 31216010918 | 1/9/2018 | 75.00 | 0.00 | 02/06/2018 |
| 101-400-511-5820 Local mileage, parking & tolls | | | | Conference for PW |
| 31216010918 Total: | | 75.00 | | |
| 31216121817 | 12/18/2017 | 420.34 | 0.00 | 02/06/2018 |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 660-620-519-5796 Water system repair parts | | | | Quick Freezer water jackets for Water Dept |
| 31216121817 Total: | | 420.34 | | |
| 31224121117 | 12/11/2017 | 14.94 | 0.00 | 02/06/2018 |
| 101-230-511-5399 Other professional services | | | | Mailing to Village Attorney |
| 31224121117 Total: | | 14.94 | | |
| 32008121317 | 12/13/2017 | -34.99 | 0.00 | 02/06/2018 |
| 101-200-511-5700 Office supplies | | | | Memory card return |
| 32008121317 Total: | | -34.99 | | |
| 32008121817 | 12/18/2017 | 147.85 | 0.00 | 02/06/2018 |
| 660-610-519-5580 Telecommunications | | | | Internet Service - Public Works |
| 32008121817 | 12/18/2017 | 267.92 | 0.00 | 02/06/2018 |
| 101-250-511-5580 Telecommunications | | | | Internet Service - Village Hall |
| 32008121817 | 12/18/2017 | 104.85 | 0.00 | 02/06/2018 |
| 660-610-519-5580 Telecommunications | | | | Internet Service - Pump House |
| 32008121817 Total: | | 520.62 | | |
| 32008121917 | 12/19/2017 | 29.22 | 0.00 | 02/06/2018 |
| 101-100-511-5840 Meals | | | | Triustee dinner |
| 32008121917 | 12/19/2017 | 31.16 | 0.00 | 02/06/2018 |
| 101-100-511-5840 Meals | | | | Trustee Dessert & Pop |
| 32008121917 | 12/19/2017 | 64.95 | 0.00 | 02/06/2018 |
| 101-250-511-5340 Maintenance Agreement Expen | | | | Web Forwarding Service |
| 32008121917 Total: | | 125.33 | | |
| 32008122717 | 12/27/2017 | 264.34 | 0.00 | 02/06/2018 |
| 101-250-511-6530 Equipment - data processing | | | | Battery for PD Server room |
| 32008122717 Total: | | 264.34 | | |
| 32008122817 | 12/28/2017 | 225.00 | 0.00 | 02/06/2018 |
| 101-200-511-5810 Conference & meeting registrat | | | | IAMMA Conference |
| 32008122817 Total: | | 225.00 | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| American Express Total: | | 10,035.15 | | |
| Bank of America, Business Card | | | | |
| BANKOFAM | | | | |
| 0423010818 | 1/8/2018 | -47.50 | 0.00 | 02/06/2018 |
| 101-300-512-5820 Local mileage, parking & tolls | | | | Refund - Police |
| 0423010818 Total: | | -47.50 | | |
| 1582010318 | 1/3/2018 | 252.60 | 0.00 | 02/06/2018 |
| 205-560-515-5850 Purchased transportation | | | | American Airlines - NRPA School Travel |
| 1582010318 Total: | | 252.60 | | |
| 1582120817 | 12/8/2017 | 85.83 | 0.00 | 02/06/2018 |
| 205-502-515-5730 Program supplies | | | | Party City - Bday service supplies |
| 1582120817 Total: | | 85.83 | | |
| 1582121217 | 12/13/2017 | 28.78 | 0.00 | 02/06/2018 |
| 205-500-515-5700 Office supplies | | | | Walgreens - Lobby photos |
| 1582121217 Total: | | 28.78 | | |
| 1582121417 | 12/14/2017 | 95.00 | 0.00 | 02/06/2018 |
| 205-500-515-5810 Conference & meeting registrat | | | | IPRA - Marketing Award submission |
| 1582121417 | 12/14/2017 | 23.92 | 0.00 | 02/06/2018 |
| 205-570-515-5730 Program supplies | | | | Trader Joe's - Senior Holiday event |
| 1582121417 Total: | | 118.92 | | |
| 1582122017 | 12/20/2017 | 62.64 | 0.00 | 02/06/2018 |
| 205-570-515-5270 Purchased program services | | | | Drury Lane - Senior Trip tea |
| 1582122017 Total: | | 62.64 | | |
| 1582122817 | 12/28/2017 | 126.00 | 0.00 | 02/06/2018 |
| 205-520-515-5270 Purchased program services | | | | Nickel City - Winter Break camp field trip |
| 1582122817 Total: | | 126.00 | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 6205120417 | 12/4/2017 | 4.00 | 0.00 | 02/06/2018 |
| 205-504-515-5270 Purchased program services | | | | Dollar Tree - Gingerbread Event supplies |
| 6205120417 Total: | | 4.00 | | |
| 6205120817 | 12/8/2017 | 42.95 | 0.00 | 02/06/2018 |
| 205-504-515-5270 Purchased program services | | | | Party City - Gingerbread Event supplies |
| 6205120817 Total: | | 42.95 | | |
| 8334010218 | 1/2/2018 | 40.00 | 0.00 | 02/06/2018 |
| 101-210-511-5820 Local mileage, parking & tolls | | | | Ipass replenishment |
| 8334010218 Total: | | 40.00 | | |
| 8334122017 | 12/20/2017 | 40.00 | 0.00 | 02/06/2018 |
| 101-210-511-5820 Local mileage, parking & tolls | | | | Ipass replenishment |
| 8334122017 Total: | | 40.00 | | |
| Bank of America, Business | | 754.22 | | |
| Commonwealth Edison<br>COMED | | | | |
| 1011026306 | 1/17/2018 | 3,406.79 | 0.00 | 02/06/2018 |
| 101-440-513-5785 Utilities - public way | | | | Metered Street Lights |
| 1011026306 Total: | | 3,406.79 | | |
| 2028043041 | 1/9/2018 | 8,157.49 | 0.00 | 02/06/2018 |
| 101-440-513-5785 Utilities - public way | | | | Master Account Street Lighting |
| 2028043041 Total: | | 8,157.49 | | |
| 5103171049 | 1/17/2018 | 573.48 | 0.00 | 02/06/2018 |
| 660-620-519-5785 Utilities - public way | | | | Master Account Street Lighting |
| 5103171049 | 1/17/2018 | 4,207.15 | 0.00 | 02/06/2018 |
| 101-440-513-5785 Utilities - public way | | | | Master Account Street Lighting |
| 5103171049 Total: | | 4,780.63 | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 57221-35010 | 1/9/2018 | 147.22 | 0.00 | 02/06/2018 |
| 101-440-513-5785 Utilities - public way | | | | Master Account Street Lighting |
| 57221-35010 Total: | | 147.22 | | |
| 592075011 | 12/28/2017 | 1,657.87 | 0.00 | 02/06/2018 |
| 101-440-513-5785 Utilities - public way | | | | Master Account Street Lighting |
| 592075011 Total: | | 1,657.87 | | |
| Commonwealth Edison To | | 18,150.00 | | |
| De Lange Landen Financial Services | | | | |
| DELANGE | | | | |
| 57757887 | 1/13/2018 | 89.92 | 0.00 | 02/06/2018 |
| 205-571-515-5730 Program supplies | | | | CC copier December invoice |
| 57757887 Total: | | 89.92 | | |
| De Lange Landen Financia | | 89.92 | | |
| Lowe's Business Acc/GECF | | | | |
| LOWES | | | | |
| 01022 | 1/10/2018 | 5.31 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Screw for Village Hall door |
| 01022 Total: | | 5.31 | | |
| 02123 | 1/5/2018 | 42.03 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Electrical covers for PW |
| 02123 Total: | | 42.03 | | |
| 02128 | 1/5/2018 | 15.20 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Screws for Village Hall door |
| 02128 Total: | | 15.20 | | |
| 02351 | 1/10/2018 | 73.95 | 0.00 | 02/06/2018 |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 101-420-511-5405 R&M - buildings | | | | Sanding paper, sanding discs, polisher |
| 02351 Total: | | 73.95 | | |
| 02352 | 1/10/2018 | -73.94 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Return |
| 02352 Total: | | -73.94 | | |
| 02353 | 1/10/2018 | 67.22 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Buffing discs, sand paper, metal cleaner |
| 02353 Total: | | 67.22 | | |
| 02394 | 1/10/2018 | 30.46 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Connectors, Conduit, anchors for A.V. Closet |
| 02394 Total: | | 30.46 | | |
| 02452 | 1/11/2018 | 10.60 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Screws for Village Hall door |
| 02452 Total: | | 10.60 | | |
| 02468 | 1/11/2018 | 14.43 | 0.00 | 02/06/2018 |
| 101-440-513-5480 R&M - vehicles | | | | Nylon washers for Truck #1 |
| 02468 Total: | | 14.43 | | |
| 02480 | 1/11/2018 | 5.99 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Plywood, electrical box for box cover |
| 02480 Total: | | 5.99 | | |
| 02499 | 1/11/2018 | 14.30 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Screws and wire marker for Village Hall doors |
| 02499 Total: | | 14.30 | | |
| 02536 | 1/12/2018 | 106.38 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Push brush, squeegees for PW |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 02536 Total: | | 106.38 | | |
| 02808 | 1/17/2018 | 151.58 | 0.00 | 02/06/2018 |
| 101-420-511-5730 Program supplies | | | | Batteries for PW and Parks drill |
| 02808 | 1/17/2018 | 259.20 | 0.00 | 02/06/2018 |
| 205-430-515-5730 Program supplies | | | | Batteries for PW and Parks drill |
| 02808 Total: | | 410.78 | | |
| 02843 | 1/17/2018 | 38.77 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Sand paper and seal for PW |
| 02843 Total: | | 38.77 | | |
| 02999 | 1/3/2018 | 37.50 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Stick up numbers for Village Hall |
| 02999 Total: | | 37.50 | | |
| Lowe's Business Acc/GEC | | 798.98 | | |
| Nicor Gas | | | | |
| NICOR | | | | |
| 1436840000 | 1/8/2018 | 661.77 | 0.00 | 02/06/2018 |
| 205-430-515-5780 Utilities - government buildin | | | | Natural Gas/Community Ctr |
| 1436840000 Total: | | 661.77 | | |
| 21-48-84-00003 | 1/8/2018 | 395.42 | 0.00 | 02/06/2018 |
| 205-560-515-5780 Utilities - government buildin | | | | Natural Gas/Pool |
| 21-48-84-00003 Total: | | 395.42 | | |
| 21-84-84-00004 | 1/8/2018 | 571.82 | 0.00 | 02/06/2018 |
| 660-620-519-5780 Utilities - government buildin | | | | Natural Gas/Pump Station |
| 21-84-84-00004 Total: | | 571.82 | | |
| 30175240000 | 1/9/2018 | 2,770.03 | 0.00 | 02/06/2018 |
| 101-420-511-5780 Utilities - government buildin | | | | Natural Gas/Public Services |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 30175240000 Total: | | 2,770.03 | | |
| 31-46-84-00002 | 1/9/2018 | 209.02 | 0.00 | 02/06/2018 |
| 205-560-515-5780 Utilities - government buildin | | | | Natural Gas/Parks |
| 31-46-84-00002 Total: | | 209.02 | | |
| 5202340000 | 1/9/2018 | 1,064.66 | 0.00 | 02/06/2018 |
| 101-420-511-5780 Utilities - government buildin | | | | Natural Gas/Village Hall |
| 5202340000 Total: | | 1,064.66 | | |
| 6202340000 | 1/9/2018 | 1,867.53 | 0.00 | 02/06/2018 |
| 101-420-511-5780 Utilities - government buildin | | | | Natural Gas/Public Safety |
| 6202340000 Total: | | 1,867.53 | | |
| 70-61-47-04487 | 1/9/2018 | 131.79 | 0.00 | 02/06/2018 |
| 205-560-515-5780 Utilities - government buildin | | | | Natural Gas/7055 Kostner |
| 70-61-47-04487 Total: | | 131.79 | | |
| Nicor Gas Total: | | 7,672.04 | | |
| North Suburban Employee Benefit | | | | |
| NSEBENEF | | | | |
| January 2018 | 1/8/2018 | 9,913.00 | 0.00 | 02/06/2018 |
| 102-000-210-2028 Dental insurance premium with | | | | Dental Bill - January, 2018 |
| January 2018 Total: | | 9,913.00 | | |
| North Suburban Employee | | 9,913.00 | | |
| Report Total: | | 47,595.50 | | |

Return to VB Agenda

# Accounts Payable

## To Be Paid Proof List

User: jmazzeffi
Printed: 01/29/2018 - 9:16AM
Batch: 00104.02.2018

| Invoice Number | Invoice Date | Amount | Quantity | Payment Date |
|---|---|---|---|---|
| **Account Number** | | | | **Description** |
| Ace Hardware Skokie | | | | |
| ACEHRDS | | | | |
| 213989 | 12/19/2017 | 185.68 | 0.00 | 02/06/2018 |
| 660-620-519-5730 Program supplies | | | | Bolts and nuts for Water Dept |
| 213989 Total: | | 185.68 | | |
| Ace Hardware Skokie Tota | | 185.68 | | |
| Aclara Technologies | | | | |
| ACLARA | | | | |
| 17001209 | 1/9/2018 | 11,430.00 | 0.00 | 02/06/2018 |
| 660-610-519-5340 Maintenance Agreement Expen | | | | Aclara Software maintenance agreement |
| 17001209 Total: | | 11,430.00 | | |
| Aclara Technologies Total: | | 11,430.00 | | |
| Active Electrical Supply Co. Inc. & Fox Lighting | | | | |
| ACTIVELE | | | | |
| 10513463-00 | 1/11/2018 | 313.00 | 0.00 | 02/06/2018 |
| 101-440-513-5730 Program supplies | | | | Electrical gloves for Forestry Dept |
| 10513463-00 Total: | | 313.00 | | |
| Active Electrical Supply C | | 313.00 | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| American Traffic Solutions | | | | |
| ATS | | | | |
| INV00025894 | 12/31/2017 | 4,400.00 | 0.00 | 02/06/2018 |
| 101-300-512-5599 Other contractual | | | | ATS Monthly Contractual fee/Dec |
| INV00025894 | 12/31/2017 | 187.50 | 0.00 | 02/06/2018 |
| 101-300-512-5599 Other contractual | | | | ATS Collection of unpaid violations |
| INV00025894 Total: | | 4,587.50 | | |
| American Traffic Solutions | | 4,587.50 | | |
| American Water Works Assn | | | | |
| AMERICWA | | | | |
| 7001463212 | 1/1/2018 | 211.00 | 0.00 | 02/06/2018 |
| 660-610-519-5570 Professional associations | | | | AWWA Membership |
| 7001463212 Total: | | 211.00 | | |
| American Water Works Ass | | 211.00 | | |
| Arrow Road Construction Co | | | | |
| ARROWROA | | | | |
| 12665 | 1/5/2018 | 742.77 | 0.00 | 02/06/2018 |
| 213-000-561-5490 R&M Road Repairs | | | | UPM Cold patch material for pothole patching |
| 12665 Total: | | 742.77 | | |
| Arrow Road Construction C | | 742.77 | | |
| Avalon Petroleum | | | | |
| AVALON | | | | |
| 37268 | 12/19/2017 | 330.00 | 0.00 | 02/06/2018 |
| 101-440-513-5675 Lubricants & fluids | | | | Mobile drive 5W20 for PW |
| 37268 | 12/19/2017 | 330.00 | 0.00 | 02/06/2018 |
| 205-430-515-5675 Lubricants & fluids | | | | Mobile drive 5W20 for PW |
| 37268 | 12/19/2017 | 330.00 | 0.00 | 02/06/2018 |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 660-620-519-5675 Lubricants & fluids | | | | Mobile drive 5W20 for PW |
| 37268 Total: | | 990.00 | | |
| Avalon Petroleum Total: | | 990.00 | | |
| Case Lots, Inc. | | | | |
| CASELOTS | | | | |
| 8765 | 1/2/2018 | 877.25 | 0.00 | 02/06/2018 |
| 101-420-511-5730 Program supplies | | | | Ice melt |
| 8765 Total: | | 877.25 | | |
| Case Lots, Inc. Total: | | 877.25 | | |
| Currie Motors | | | | |
| CURRIEMO | | | | |
| H10849 | 12/18/2017 | 35,333.00 | 0.00 | 02/06/2018 |
| 101-440-514-6599 Equipment - other | | | | Purchased of 2 2017 Ford F250 & F350 |
| H10849 | 12/18/2017 | 16,367.00 | 0.00 | 02/06/2018 |
| 205-430-561-6599 Equipment - other | | | | Purchased of 2 2017 Ford F250 & F350 |
| H10849 | 12/18/2017 | 16,367.00 | 0.00 | 02/06/2018 |
| 101-420-511-6599 Equipment - other | | | | Purchased of 2 2017 Ford F250 & F350 |
| H10849 | 12/18/2017 | 34,139.00 | 0.00 | 02/06/2018 |
| 660-620-562-6580 Equipment - vehicles | | | | Purchased of 2 2017 Ford F250 & F350 |
| H10849 Total: | | 102,206.00 | | |
| Currie Motors Total: | | 102,206.00 | | |
| Emcor Services Team Mechanical Inc | | | | |
| EMCOR | | | | |
| 930006867 | 1/31/2018 | 941.65 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | HVAC Preventive maintenance January |
| 930006867 Total: | | 941.65 | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 930006986 | 1/15/2018 | 296.50 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Check dampers at Fire Dept |
| 930006986 Total: | | 296.50 | | |
| Emcor Services Team Mec | | 1,238.15 | | |
| Fastenal | | | | |
| FASTENAL | | | | |
| ILNIL58499 | 1/5/2018 | 239.63 | 0.00 | 02/06/2018 |
| 101-410-511-5730 Program supplies | | | | Drill bits for PW Shop |
| ILNIL58499 Total: | | 239.63 | | |
| Fastenal Total: | | 239.63 | | |
| G & O Thermal Supply Company | | | | |
| G&OTHERM | | | | |
| 61725 | 1/9/2018 | 918.75 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | LWCO feeder for PW heater |
| 61725 Total: | | 918.75 | | |
| 62005 | 1/10/2018 | 762.35 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Feeder for PW heater |
| 62005 Total: | | 762.35 | | |
| G & O Thermal Supply Co | | 1,681.10 | | |
| Golf Mill Ford | | | | |
| GOLFMILL | | | | |
| 431190P | 1/3/2018 | 158.46 | 0.00 | 02/06/2018 |
| 205-430-515-5480 R&M - vehicles | | | | Lamp assembly for Truck #23 |
| 431190P Total: | | 158.46 | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| Golf Mill Ford Total: | | 158.46 | | |
| Heritage Crystal Clean, LLC | | | | |
| HERITAGE | | | | |
| 14926243 | 1/3/2018 | 59.62 | 0.00 | 02/06/2018 |
| 101-440-513-5675 Lubricants & fluids | | | | Anti Freeze for PW Trucks |
| 14926243 | 1/3/2018 | 59.62 | 0.00 | 02/06/2018 |
| 660-620-519-5675 Lubricants & fluids | | | | Anti Freeze for PW Trucks |
| 14926243 | 1/3/2018 | 59.63 | 0.00 | 02/06/2018 |
| 205-430-515-5675 Lubricants & fluids | | | | Anti Freeze for PW Trucks |
| 14926243 | 1/3/2018 | 59.63 | 0.00 | 02/06/2018 |
| 101-410-511-5675 Lubricants and Fluids | | | | Anti Freeze for PW Trucks |
| 14926243 Total: | | 238.50 | | |
| Heritage Crystal Clean, LL | | 238.50 | | |
| Interstate Billing Service, Inc | | | | |
| INTERBIL | | | | |
| 3009060747 | 1/9/2018 | 53.28 | 0.00 | 02/06/2018 |
| 660-620-519-5480 R&M - vehicles | | | | Gasket axle shaft for Truck #20 |
| 3009060747 Total: | | 53.28 | | |
| Interstate Billing Service, I | | 53.28 | | |
| Jake the Striper | | | | |
| JAKETHES | | | | |
| 15977 | 1/11/2018 | 55.00 | 0.00 | 02/06/2018 |
| 660-620-519-5480 R&M - vehicles | | | | Lincolnwood website decals for vehicles |
| 15977 | 1/11/2018 | 55.00 | 0.00 | 02/06/2018 |
| 205-430-515-5480 R&M - vehicles | | | | Lincolnwood website decals for vehicles |
| 15977 | 1/11/2018 | 55.00 | 0.00 | 02/06/2018 |
| 101-440-513-5480 R&M - vehicles | | | | Lincolnwood website decals for vehicles |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 15977 Total: | | 165.00 | | |
| Jake the Striper Total: | | 165.00 | | |
| John's Garage | | | | |
| JOHNS | | | | |
| 18-1028-ST | 1/15/2018 | 5,500.00 | 0.00 | 02/06/2018 |
| 205-430-561-6599 Equipment - other | | | | V-Plow with installation for Truck #48 |
| 18-1028-ST Total: | | 5,500.00 | | |
| 18-103-ST | 1/17/2018 | 3,478.00 | 0.00 | 02/06/2018 |
| 205-430-561-6599 Equipment - other | | | | Salt spreader with installation for Truck #48 |
| 18-103-ST Total: | | 3,478.00 | | |
| John's Garage Total: | | 8,978.00 | | |
| Johnstone Supply | | | | |
| JOHNSTON | | | | |
| 1045668-01 | 1/11/2018 | 68.00 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Thermostat for PW garage |
| 1045668-01 Total: | | 68.00 | | |
| 1045668A | 1/5/2018 | 47.50 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Thermostat for PW garage |
| 1045668A Total: | | 47.50 | | |
| 1046321A | 1/11/2018 | 7.25 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Capacitor for PW heater |
| 1046321A Total: | | 7.25 | | |
| Johnstone Supply Total: | | 122.75 | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| JULIE Inc | | | | |
| JULIE | | | | |
| 2018-0940 | 1/8/2018 | 3,163.20 | 0.00 | 02/06/2018 |
| 660-620-519-5599 Other contractual | | | | Julie notification charges |
| 2018-0940 Total: | | 3,163.20 | | |
| JULIE Inc Total: | | 3,163.20 | | |
| Kasprzyk, Kathryn | | | | |
| KASPRZYK | | | | |
| 01122018 | 1/12/2018 | 105.00 | 0.00 | 02/06/2018 |
| 101-240-517-5590 Training | | | | Permit Technician 101/February |
| 01122018 Total: | | 105.00 | | |
| Kasprzyk, Kathryn Total: | | 105.00 | | |
| Martin Implement Sales Inc | | | | |
| MARTINIM | | | | |
| A60544 | 1/15/2018 | 33.40 | 0.00 | 02/06/2018 |
| 101-440-513-5480 R&M - vehicles | | | | Couplings for snow plows |
| A60544 | 1/15/2018 | 33.40 | 0.00 | 02/06/2018 |
| 205-430-515-5480 R&M - vehicles | | | | Couplings for snow plows |
| A60544 | 1/15/2018 | 33.39 | 0.00 | 02/06/2018 |
| 101-420-511-5480 R&M - vehicles | | | | Couplings for snow plows |
| A60544 | 1/15/2018 | 33.39 | 0.00 | 02/06/2018 |
| 660-620-519-5480 R&M - vehicles | | | | Couplings for snow plows |
| A60544 Total: | | 133.58 | | |
| Martin Implement Sales In | | 133.58 | | |
| Meade Electric Company Inc | | | | |
| MEADELEC | | | | |
| 679870 | 1/11/2018 | 578.60 | 0.00 | 02/06/2018 |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 101-440-513-5290 Street lights & traffic signal | | | | Repair to street light at Touhy and McCormick |
| 679870 Total: | | 578.60 | | |
| Meade Electric Company I | | 578.60 | | |
| Menini Cartage Inc | | | | |
| MENICRT | | | | |
| 48137 | 1/10/2018 | 1,451.65 | 0.00 | 02/06/2018 |
| 660-620-519-5760 Street materials - Aggregate | | | | Gravel |
| 48137 Total: | | 1,451.65 | | |
| Menini Cartage Inc Total: | | 1,451.65 | | |
| Mid American Water of Wauconda, Inc. | | | | |
| MIDAMER | | | | |
| 194002W | 12/20/2017 | 2,094.00 | 0.00 | 02/06/2018 |
| 660-620-519-5796 Water system repair parts | | | | Clamps, couplings, iron push, copper |
| 194002W Total: | | 2,094.00 | | |
| 194002W-1 | 12/29/2017 | 2,675.00 | 0.00 | 02/06/2018 |
| 660-620-519-5796 Water system repair parts | | | | Clamps box key |
| 194002W-1 Total: | | 2,675.00 | | |
| Mid American Water of Wa | | 4,769.00 | | |
| Midwest Meter Inc | | | | |
| MIDWESTM | | | | |
| 0096775-IN | 12/29/2017 | 3,225.60 | 0.00 | 02/06/2018 |
| 660-620-519-5796 Water system repair parts | | | | Dual ports meters |
| 0096775-IN Total: | | 3,225.60 | | |
| 0097205-IN | 1/15/2018 | 1,774.58 | 0.00 | 02/06/2018 |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 660-620-519-5796 Water system repair parts | | | | Meter base, registers |
| 0097205-IN Total: | | 1,774.58 | | |
| 0097206-IN | 1/15/2018 | 4,527.63 | 0.00 | 02/06/2018 |
| 660-620-519-5796 Water system repair parts | | | | Compound base, dual transmitters, bolts |
| 0097206-IN Total: | | 4,527.63 | | |
| Midwest Meter Inc Total: | | 9,527.81 | | |
| NAPA | | | | |
| NAPA | | | | |
| 2812-295153 | 1/12/2018 | 183.99 | 0.00 | 02/06/2018 |
| 101-440-513-5480 R&M - vehicles | | | | Fuel pump assembly for Truck #25 |
| 2812-295153 Total: | | 183.99 | | |
| 2812-295630 | 1/16/2018 | 141.99 | 0.00 | 02/06/2018 |
| 101-440-513-5480 R&M - vehicles | | | | Battery for Truck #49 |
| 2812-295630 Total: | | 141.99 | | |
| 2812-295662 | 1/17/2018 | 68.99 | 0.00 | 02/06/2018 |
| 101-440-513-5480 R&M - vehicles | | | | Fuel pressure regulator for Truck #25 |
| 2812-295662 Total: | | 68.99 | | |
| 2812-295687 | 1/17/2018 | 5.38 | 0.00 | 02/06/2018 |
| 101-440-513-5480 R&M - vehicles | | | | Battery Terminal for Truck #49 |
| 2812-295687 Total: | | 5.38 | | |
| NAPA Total: | | 400.35 | | |
| Shafter, Aaron | | | | |
| SHAFTER | | | | |
| 17-12069 | 12/21/2017 | 72.50 | 0.00 | 02/06/2018 |
| 101-400-511-5210 Animal control | | | | Animal control services |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 17-12069 Total: | | 72.50 | | |
| Shafter, Aaron Total: | | 72.50 | | |
| Stanley Consultants, Inc. | | | | |
| STANLEY | | | | |
| 3 | 12/29/2017 | 40,067.86 | 0.00 | 02/06/2018 |
| 454-000-561-5340 Engineering | | | | Touhy overpass construction oversight |
| 3 Total: | | 40,067.86 | | |
| Stanley Consultants, Inc. T | | 40,067.86 | | |
| Suburban Laboratories, Inc. | | | | |
| SUBURB | | | | |
| 151377 | 12/29/2017 | 110.00 | 0.00 | 02/06/2018 |
| 660-620-519-5320 Consulting | | | | Coliform testing and disinfectant by products |
| 151377 Total: | | 110.00 | | |
| Suburban Laboratories, Inc | | 110.00 | | |
| Total Administrative Serv Corp | | | | |
| TASC | | | | |
| IN1199366 | 1/23/2018 | 235.20 | 0.00 | 02/06/2018 |
| 101-210-511-5195 Employee Benefit Expenses | | | | FSA - Claim card fees |
| IN1199366 | 1/23/2018 | 777.63 | 0.00 | 02/06/2018 |
| 101-210-511-5195 Employee Benefit Expenses | | | | FSA - Administration fees |
| IN1199366 Total: | | 1,012.83 | | |
| Total Administrative Serv C | | 1,012.83 | | |
| Vollmar Clay Products Company | | | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| VOLLMER | | | | |
| 175835 | 12/6/2017 | 197.00 | 0.00 | 02/06/2018 |
| 660-620-519-5796 Water system repair parts | | | | PVC pipe and bands for Water System repair |
| 175835 Total: | | 197.00 | | |
| 175909 | 12/8/2017 | 959.20 | 0.00 | 02/06/2018 |
| 660-620-519-5796 Water system repair parts | | | | PVC pipe and bands for Water System repair |
| 175909 Total: | | 959.20 | | |
| Vollmar Clay Products Com | | 1,156.20 | | |
| Report Total: | | 196,966.65 | | |

Return to VB Agenda

# Accounts Payable

## To Be Paid Proof List

User: jmazzeffi
Printed: 01/29/2018 - 11:24AM
Batch: 00105.02.2018

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| Active Electrical Supply Co. Inc. & Fox Lighting | | | | |
| ACTIVELE | | | | |
| 10509771-00 | 11/17/2017 | 495.00 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Coil of Village Hall |
| 10509771-00 Total: | | 495.00 | | |
| Active Electrical Supply C | | 495.00 | | |
| Alltown Bus Service | | | | |
| ALLTOWN | | | | |
| 159994 | 1/19/2018 | 234.73 | 0.00 | 02/06/2018 |
| 205-520-515-5270 Purchased program services | | | | Winter Break Camp to Putting Edge |
| 159994 Total: | | 234.73 | | |
| 159995 | 1/18/2018 | 234.73 | 0.00 | 02/06/2018 |
| 205-520-515-5270 Purchased program services | | | | Winter Break Camp to Waterworks |
| 159995 Total: | | 234.73 | | |
| Alltown Bus Service Total: | | 469.46 | | |
| American Charge Service | | | | |
| AMERCHAR | | | | |
| 101381 | 12/31/2017 | 20.00 | 0.00 | 02/06/2018 |
| 205-570-515-5280 Subsidized taxi program | | | | Taxi Coupons - Dec |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 101381 Total: | | 20.00 | | |
| American Charge Service T | | 20.00 | | |
| Anderson Pest Solutions | | | | |
| ANDERP | | | | |
| 4484789 | 10/1/2017 | 283.55 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Pest Control for Village Of Lincolnwood Depts |
| 4484789 Total: | | 283.55 | | |
| 4505445 | 11/1/2017 | 283.55 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Pest Control for Village Of Lincolnwood Depts |
| 4505445 Total: | | 283.55 | | |
| Anderson Pest Solutions To | | 567.10 | | |
| Antosz, Olivia | | | | |
| ANTOSZ | | | | |
| REIM011818OAA | 1/18/2018 | 48.10 | 0.00 | 02/06/2018 |
| 205-500-515-5820 Local mileage, parking & tolls | | | | Reimbursement/Conference |
| REIM011818OAA Total: | | 48.10 | | |
| Antosz, Olivia Total: | | 48.10 | | |
| Best Quality Cleaning, Inc. | | | | |
| BESTQU | | | | |
| 22631 | 1/20/2018 | 2,396.68 | 0.00 | 02/06/2018 |
| 101-420-511-5240 Janitorial | | | | Cleaning Services - December 2017 |
| 22631 | 1/20/2018 | 833.32 | 0.00 | 02/06/2018 |
| 205-571-515-5240 Janitorial | | | | Cleaning Services - December 2017 |
| 22631 Total: | | 3,230.00 | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 23011 | 1/20/2018 | 3,230.00 | 0.00 | 02/06/2018 |
| 101-420-511-5240 Janitorial | | | | Cleaning Services - January 2018 |
| 23011 Total: | | 3,230.00 | | |
| Best Quality Cleaning, Inc. | | 6,460.00 | | |
| Christopher Burke Engineering | | | | |
| CHRISTB | | | | |
| 141242 | 1/26/2018 | 3,996.84 | 0.00 | 02/06/2018 |
| 220-000-511-5340 Engineering | | | | Devon Avenue Streetscape Phase 1 |
| 141242 Total: | | 3,996.84 | | |
| Christopher Burke Enginee | | 3,996.84 | | |
| Cohen, Gerald | | | | |
| COHENGER | | | | |
| 17-10179 | 10/30/2017 | 100.00 | 0.00 | 02/06/2018 |
| 101-400-511-5210 Animal control | | | | Animal control services |
| 17-10179 Total: | | 100.00 | | |
| Cohen, Gerald Total: | | 100.00 | | |
| Douglas Truck Parts | | | | |
| DOUGTK | | | | |
| 37838 | 1/10/2018 | 20.84 | 0.00 | 02/06/2018 |
| 660-620-519-5480 R&M - vehicles | | | | Filters for PW vehicles |
| 37838 | 1/10/2018 | 20.84 | 0.00 | 02/06/2018 |
| 101-440-513-5480 R&M - vehicles | | | | Filters for PW vehicles |
| 37838 | 1/10/2018 | 20.84 | 0.00 | 02/06/2018 |
| 205-430-515-5480 R&M - vehicles | | | | Filters for PW vehicles |
| 37838 Total: | | 62.52 | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| Douglas Truck Parts Total: | | 62.52 | | |
| Dreuth, John | | | | |
| DREUTH | | | | |
| 160431 | 7/17/2016 | 3,000.00 | 0.00 | 02/06/2018 |
| 101-000-210-2620 Contractor bonds payable | | | | Site Management Deposit - Refund |
| 160431 Total: | | 3,000.00 | | |
| Dreuth, John Total: | | 3,000.00 | | |
| DTN, LLC | | | | |
| DTNLLC | | | | |
| 5258039 | 1/19/2018 | 695.10 | 0.00 | 02/06/2018 |
| 101-400-511-5730 Program supplies | | | | Weather Services |
| 5258039 | 1/19/2018 | 288.90 | 0.00 | 02/06/2018 |
| 101-250-511-5330 Data processing | | | | Weather Services |
| 5258039 Total: | | 984.00 | | |
| DTN, LLC Total: | | 984.00 | | |
| Eagle Engraving | | | | |
| EAGLE | | | | |
| 2018-340 | 1/19/2018 | 18.59 | 0.00 | 02/06/2018 |
| 101-350-512-5665 Firefighting supplies | | | | Passport tags & gear locker sign |
| 2018-340 Total: | | 18.59 | | |
| Eagle Engraving Total: | | 18.59 | | |
| Ecolab | | | | |
| ECOLAB | | | | |
| 8261748 | 1/16/2018 | 843.69 | 0.00 | 02/06/2018 |
| 101-350-512-5799 Other materials & supplies | | | | Bleach, laundry soap, enzymatic cleaner |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 8261748 Total: | | 843.69 | | |
| Ecolab Total: | | 843.69 | | |
| Emcor Services Team Mechanical Inc | | | | |
| EMCOR | | | | |
| 930007029 | 1/18/2018 | 2,294.11 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Repairs to heater PW building |
| 930007029 Total: | | 2,294.11 | | |
| Emcor Services Team Mec | | 2,294.11 | | |
| GNP Energy | | | | |
| GNPENE | | | | |
| 2270 | 12/15/2017 | 77,792.00 | 0.00 | 02/06/2018 |
| 217-000-561-6100 Land acquisition & improveme | | | | Street lights retrofit |
| 2270 Total: | | 77,792.00 | | |
| GNP Energy Total: | | 77,792.00 | | |
| Halogen | | | | |
| HALOGEN | | | | |
| 513787 | 1/22/2018 | 6,298.00 | 0.00 | 02/06/2018 |
| 205-560-515-5405 R&M - buildings | | | | Pool - Variable frequency drive |
| 513787 Total: | | 6,298.00 | | |
| Halogen Total: | | 6,298.00 | | |
| Impact Networking, LLC | | | | |
| IMPACT | | | | |
| 1012696 | 1/17/2018 | 19.50 | 0.00 | 02/06/2018 |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 660-610-519-5340 Maintenance Agreement Expen | | | | Copier - Public Works |
| 1012696 Total: | | 19.50 | | |
| 1014774 | 1/19/2018 | 15.00 | 0.00 | 02/06/2018 |
| 205-571-515-5730 Program supplies | | | | Copier - Parks |
| 1014774 Total: | | 15.00 | | |
| 996926 | 12/27/2017 | 15.00 | 0.00 | 02/06/2018 |
| 205-571-515-5730 Program supplies | | | | Copier - Parks |
| 996926 Total: | | 15.00 | | |
| Impact Networking, LLC T | | 49.50 | | |
| iSolved | | | | |
| ISOLVED | | | | |
| 90108755 | 1/10/2018 | 52.58 | 0.00 | 02/06/2018 |
| 101-400-511-5440 R&M - office equipment | | | | Monthly maintenance costs for time clock |
| 90108755 | 1/10/2018 | 88.43 | 0.00 | 02/06/2018 |
| 205-530-515-5730 Program supplies | | | | Monthly maintenance costs for time clock |
| 90108755 | 1/10/2018 | 35.85 | 0.00 | 02/06/2018 |
| 205-560-515-5405 R&M - buildings | | | | Monthly maintenance costs for time clock |
| 90108755 Total: | | 176.86 | | |
| iSolved Total: | | 176.86 | | |
| MABAS Divison III | | | | |
| MABAS | | | | |
| AD1807 | 1/18/2018 | 5,000.00 | 0.00 | 02/06/2018 |
| 101-350-512-5540 Intergovernmental fees & dues | | | | 2018 Membership dues |
| AD1807 Total: | | 5,000.00 | | |
| MABAS Divison III Total: | | 5,000.00 | | |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| Madison National Life | | | | |
| MADISON | | | | |
| 1284120 | 1/18/2018 | 156.17 | 0.00 | 02/06/2018 |
| 101-200-511-5150 Insurance - group life & AD&D | | | | Life insurance - February 2018 |
| 1284120 | 1/18/2018 | 94.63 | 0.00 | 02/06/2018 |
| 101-210-511-5150 Insurance - group life & AD&D | | | | Life insurance - February 2018 |
| 1284120 | 1/18/2018 | 88.27 | 0.00 | 02/06/2018 |
| 101-240-517-5150 Insurance - group life & AD&D | | | | Life insurance - February 2018 |
| 1284120 | 1/18/2018 | 521.93 | 0.00 | 02/06/2018 |
| 101-300-512-5150 Insurance - group life & AD&D | | | | Life insurance - February 2018 |
| 1284120 | 1/18/2018 | 17.40 | 0.00 | 02/06/2018 |
| 101-350-512-5150 Insurance - group life & AD&D | | | | Life insurance - February 2018 |
| 1284120 | 1/18/2018 | 66.96 | 0.00 | 02/06/2018 |
| 101-400-511-5150 Insurance - group life & AD&D | | | | Life insurance - February 2018 |
| 1284120 | 1/18/2018 | 35.53 | 0.00 | 02/06/2018 |
| 101-410-511-5150 Insurance - group life & AD&D | | | | Life insurance - February 2018 |
| 1284120 | 1/18/2018 | 96.87 | 0.00 | 02/06/2018 |
| 101-440-513-5150 Insurance - group life & AD&D | | | | Life insurance - February 2018 |
| 1284120 | 1/18/2018 | 58.54 | 0.00 | 02/06/2018 |
| 205-430-515-5150 Insurance - group life & AD&D | | | | Life insurance - February 2018 |
| 1284120 | 1/18/2018 | 74.24 | 0.00 | 02/06/2018 |
| 205-500-515-5150 Insurance - group life & AD&D | | | | Life insurance - February 2018 |
| 1284120 | 1/18/2018 | 95.94 | 0.00 | 02/06/2018 |
| 660-620-519-5150 Insurance - group life & AD&D | | | | Life insurance - February 2018 |
| 1284120 Total: | | 1,306.48 | | |
| Madison National Life Tot | | 1,306.48 | | |
| Marc Printing | | | | |
| MARCP | | | | |
| 111599 | 1/16/2018 | 493.83 | 0.00 | 02/06/2018 |
| 660-610-519-5720 Postage | | | | Mailing of water bills |
| 111599 Total: | | 493.83 | | |
| Cyc2&4 | 1/23/2018 | 515.12 | 0.00 | 02/06/2018 |
| 660-610-519-5720 Postage | | | | Mailing of Water Bills Cycle 2 & 4 |

| Invoice Number / Account Number | | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|---|
| | Cyc2&4 Total: | | 515.12 | | |
| | Marc Printing Total: | | 1,008.95 | | |
| Midwest Air Pro | | | | | |
| MIDWESTA | | | | | |
| 13172 | | 1/16/2018 | 2,060.50 | 0.00 | 02/06/2018 |
| 101-350-512-5499 R&M - other | | | | | Repairs to vehicle exhaust system |
| | 13172 Total: | | 2,060.50 | | |
| | Midwest Air Pro Total: | | 2,060.50 | | |
| North Suburban Employee Benefit | | | | | |
| NSEBENEF | | | | | |
| December 2017 | | 1/8/2018 | 93,650.00 | 0.00 | 02/06/2018 |
| 102-000-210-2027 Health insurance premium with | | | | | Employee Health Insurance - December 2017 |
| | December 2017 Total: | | 93,650.00 | | |
| | North Suburban Employee | | 93,650.00 | | |
| OSA Integrated Solutions, LLC | | | | | |
| OSAINTEG | | | | | |
| 4497 | | 12/22/2017 | 772.50 | 0.00 | 02/06/2018 |
| 101-250-511-5330 Data processing | | | | | December Onsite support |
| | 4497 Total: | | 772.50 | | |
| 4516 | | 1/17/2018 | 582.50 | 0.00 | 02/06/2018 |
| 101-250-511-5330 Data processing | | | | | January Onsite support |
| | 4516 Total: | | 582.50 | | |
| | OSA Integrated Solutions, | | 1,355.00 | | |

| Invoice Number | Invoice Date | Amount | Quantity | Payment Date |
|---|---|---|---|---|
| **Account Number** | | | | **Description** |
| Polo, Manisha | | | | |
| POLOMAN | | | | |
| 012418 | 1/24/2018 | 87.00 | 0.00 | 02/06/2018 |
| 205-000-210-2430 Parks and Recs Control Deposi | | | | Refund - Class canceled |
| 012418 Total: | | 87.00 | | |
| Polo, Manisha Total: | | 87.00 | | |
| Quinlan Security Systems | | | | |
| QUINLANS | | | | |
| 21911 | 1/23/2018 | 3,175.33 | 0.00 | 02/06/2018 |
| 101-250-511-5330 Data processing | | | | Public Works cameras change of location |
| 21911 Total: | | 3,175.33 | | |
| Quinlan Security Systems T | | 3,175.33 | | |
| Raynor Door Co | | | | |
| RAYNOR | | | | |
| 17-8257 | 1/19/2018 | 106.56 | 0.00 | 02/06/2018 |
| 101-420-511-5405 R&M - buildings | | | | Repairs to PW Main garage door |
| 17-8257 Total: | | 106.56 | | |
| Raynor Door Co Total: | | 106.56 | | |
| Rimdzius, Melissa | | | | |
| RIMDZIUS | | | | |
| REIM012618 | 1/26/2018 | 30.32 | 0.00 | 02/06/2018 |
| 205-500-515-5820 Local mileage, parking & tolls | | | | Reimbursement/Conference |
| REIM012618 Total: | | 30.32 | | |

| Invoice Number | Invoice Date | Amount | Quantity | Payment Date |
|---|---|---|---|---|
| Account Number | | | | Description |
| Rimdzius, Melissa Total: | | 30.32 | | |
| Sam's Club | | | | |
| SAMSCL | | | | |
| 11718 | 1/17/2018 | 111.45 | 0.00 | 02/06/2018 |
| 205-520-515-5645 Concessions & food | | | | Club Kid snacks |
| 11718 Total: | | 111.45 | | |
| Sam's Club Total: | | 111.45 | | |
| Sitelis, Maria | | | | |
| SITELIS | | | | |
| 1242018 | 1/24/2018 | 179.20 | 0.00 | 02/06/2018 |
| 205-503-515-5270 Purchased program services | | | | Wednesday Zumba Session 2 |
| 1242018 Total: | | 179.20 | | |
| Sitelis, Maria Total: | | 179.20 | | |
| State Industrial Products | | | | |
| STATE | | | | |
| 900333232 | 1/18/2018 | 877.40 | 0.00 | 02/06/2018 |
| 101-350-512-5799 Other materials & supplies | | | | Air freshener, floor cleaner, truck wash |
| 900333232 Total: | | 877.40 | | |
| State Industrial Products To | | 877.40 | | |
| Thompson Elevator Inspection Service, Inc. | | | | |
| THOMPSO | | | | |
| 17-4082 | 12/28/2017 | 150.00 | 0.00 | 02/06/2018 |
| 101-240-517-5399 Other professional services | | | | New elevator inspection |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 17-4082 Total: | | 150.00 | | |
| 18-0129 | 1/19/2018 | 150.00 | 0.00 | 02/06/2018 |
| 101-240-517-5399 Other professional services | | | | New elevator inspection |
| 18-0129 Total: | | 150.00 | | |
| Thompson Elevator Inspec | | 300.00 | | |
| Tibu, Cornel | | | | |
| TIBUCORN | | | | |
| 160544 | 7/18/2017 | 3,000.00 | 0.00 | 02/06/2018 |
| 101-000-210-2620 Contractor bonds payable | | | | Site Management Deposit Refund |
| 160544 Total: | | 3,000.00 | | |
| Tibu, Cornel Total: | | 3,000.00 | | |
| Traffic Control & Protection | | | | |
| TRAFFICC | | | | |
| 24491 | 11/21/2017 | 530.00 | 0.00 | 02/06/2018 |
| 205-509-515-5730 Program supplies | | | | Turkey Trot Barricade rental |
| 24491 Total: | | 530.00 | | |
| Traffic Control & Protectio | | 530.00 | | |
| United States Postal Service | | | | |
| USPOSTAL | | | | |
| PB012618 | 1/26/2018 | 2.36 | 0.00 | 02/06/2018 |
| 101-210-511-5720 Postage | | | | Pitney Bowes postage |
| PB012618 | 1/26/2018 | 8.11 | 0.00 | 02/06/2018 |
| 101-210-511-5720 Postage | | | | Pitney Bowes postage |
| PB012618 | 1/26/2018 | 59.96 | 0.00 | 02/06/2018 |
| 101-210-511-5720 Postage | | | | Pitney Bowes postage |
| PB012618 | 1/26/2018 | 2.97 | 0.00 | 02/06/2018 |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 101-210-511-5720 Postage | | | | Pitney Bowes postage |
| PB012618 | 1/26/2018 | 67.56 | 0.00 | 02/06/2018 |
| 101-210-511-5720 Postage | | | | Pitney Bowes postage |
| PB012618 | 1/26/2018 | 6.43 | 0.00 | 02/06/2018 |
| 205-500-515-5720 Postage | | | | Pitney Bowes postage |
| PB012618 | 1/26/2018 | 8.72 | 0.00 | 02/06/2018 |
| 101-210-511-5720 Postage | | | | Pitney Bowes postage |
| PB012618 | 1/26/2018 | 330.43 | 0.00 | 02/06/2018 |
| 101-210-511-5720 Postage | | | | Pitney Bowes postage |
| PB012618 | 1/26/2018 | 210.98 | 0.00 | 02/06/2018 |
| 660-610-519-5720 Postage | | | | Pitney Bowes postage |
| PB012618 Total: | | 697.52 | | |
| United States Postal Servic | | 697.52 | | |
| Vering, Linda | | | | |
| VERING | | | | |
| REIM011918LVA | 1/18/2018 | 55.73 | 0.00 | 02/06/2018 |
| 205-500-515-5820 Local mileage, parking & tolls | | | | Reimbursement/Auto |
| REIM011918LVA Total: | | 55.73 | | |
| Vering, Linda Total: | | 55.73 | | |
| Warehouse Direct | | | | |
| WAREHOUS | | | | |
| 3744186-0 | 1/2/2018 | 7.12 | 0.00 | 02/06/2018 |
| 101-350-512-5730 Program supplies | | | | Office supplies |
| 3744186-0 Total: | | 7.12 | | |
| 3744187-0 | 1/2/2018 | 8.46 | 0.00 | 02/06/2018 |
| 101-350-512-5730 Program supplies | | | | Office supplies |
| 3744187-0 Total: | | 8.46 | | |
| 3744187-1 | 1/3/2018 | 23.49 | 0.00 | 02/06/2018 |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 101-350-512-5730 Program supplies | | | | Office supplies |
| 3744187-1 Total: | | 23.49 | | |
| 3744511-0 | 1/2/2018 | 268.39 | 0.00 | 02/06/2018 |
| 101-210-511-5700 Office supplies | | | | Office supplies |
| 3744511-0 Total: | | 268.39 | | |
| 3745725-0 | 1/3/2018 | 223.00 | 0.00 | 02/06/2018 |
| 205-500-515-5700 Office supplies | | | | Office supplies |
| 3745725-0 Total: | | 223.00 | | |
| 3745978-0 | 1/3/2018 | 10.02 | 0.00 | 02/06/2018 |
| 205-500-515-5700 Office supplies | | | | Office supplies |
| 3745978-0 Total: | | 10.02 | | |
| 3746531-0 | 1/3/2018 | 7.91 | 0.00 | 02/06/2018 |
| 101-210-511-5700 Office supplies | | | | Office supplies |
| 3746531-0 Total: | | 7.91 | | |
| 3749162-0 | 1/5/2018 | 194.72 | 0.00 | 02/06/2018 |
| 101-240-517-5700 Office supplies | | | | Office supplies |
| 3749162-0 Total: | | 194.72 | | |
| 3749163-0 | 1/5/2018 | 43.02 | 0.00 | 02/06/2018 |
| 101-350-512-5730 Program supplies | | | | Office supplies |
| 3749163-0 Total: | | 43.02 | | |
| 3750384-0 | 1/5/2018 | 20.32 | 0.00 | 02/06/2018 |
| 101-210-511-5700 Office supplies | | | | Office supplies |
| 3750384-0 Total: | | 20.32 | | |
| 3757511-0 | 1/11/2018 | 465.72 | 0.00 | 02/06/2018 |
| 101-210-511-5700 Office supplies | | | | Office supplies |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| 3757511-0 Total: | | 465.72 | | |
| 3758046-0 | 1/11/2018 | 157.55 | 0.00 | 02/06/2018 |
| 101-300-512-5730 Program supplies | | | | Office supplies |
| 3758046-0 Total: | | 157.55 | | |
| 3766707-0 | 1/19/2018 | 71.48 | 0.00 | 02/06/2018 |
| 101-240-517-5700 Office supplies | | | | Office supplies |
| 3766707-0 Total: | | 71.48 | | |
| 3767115-0 | 1/19/2018 | 198.70 | 0.00 | 02/06/2018 |
| 101-350-512-5730 Program supplies | | | | Office supplies |
| 3767115-0 Total: | | 198.70 | | |
| 3767115-1 | 1/22/2018 | 16.08 | 0.00 | 02/06/2018 |
| 101-350-512-5730 Program supplies | | | | Office supplies |
| 3767115-1 Total: | | 16.08 | | |
| C3749162-0 | 1/19/2018 | -14.65 | 0.00 | 02/06/2018 |
| 101-240-517-5700 Office supplies | | | | Office supplies |
| C3749162-0 Total: | | -14.65 | | |
| Warehouse Direct Total: | | 1,701.33 | | |
| Work' N Gear, LLC | | | | |
| WRKNGEAR | | | | |
| HA89818 | 12/28/2017 | 46.98 | 0.00 | 02/06/2018 |
| 660-620-519-5070 Uniform allowance | | | | Clothing Allowance |
| HA89818 Total: | | 46.98 | | |
| HA89821 | 12/28/2017 | 99.99 | 0.00 | 02/06/2018 |
| 101-440-513-5070 Uniform allowance | | | | Clothing Allowance |

| Invoice Number / Account Number | Invoice Date | Amount | Quantity | Payment Date / Description |
|---|---|---|---|---|
| HA89821 Total: | | 99.99 | | |
| HA90709 | 1/16/2018 | 450.00 | 0.00 | 02/06/2018 |
| 205-430-515-5070 Uniform allowance | | | | Clothing Allowance |
| HA90709 Total: | | 450.00 | | |
| Work' N Gear, LLC Total: | | 596.97 | | |
| Ziebell Water Service Product | | | | |
| ZIEBELLW | | | | |
| 240282-000 | 1/10/2018 | 246.00 | 0.00 | 02/06/2018 |
| 660-620-519-5793 Water system supplies | | | | Angle stops for Water meters |
| 240282-000 Total: | | 246.00 | | |
| Ziebell Water Service Prod | | 246.00 | | |
| Report Total: | | 219,751.51 | | |

Dr. Jeffery Perl, PE, CHMM

Dr. Jeffery Perl, PE, CHMM has been President of Chicago Chem Consultants Corporation (CCC) for the past 30 years. Over the years, CCC's work has focused on chemical process engineering, hazardous waste treatment and environment, safety and occupational health management systems (ESOH-MS) and related engineering activities. Dr. Perl is a former plant manager and process engineer for a national solvent chemical recovery and recycling business. His specialties include chemical process design, engineering and troubleshooting, pollution prevention, Superfund remediation design, negotiations with state regulators, chemical separation processes and bringing new products to market. He has contributed forensic engineering evidence and expert testimony regarding root cause of process failures leading to workplace accidents involving death or injury as well as premature production failure, as well as Fraud, Waste and Abuse in federal government contracting. He provides investment and technical reviews of new product or technical service opportunities for corporate, venture capital and private investors. Jeff also served as Adjunct Professor of Chemical Engineering, University of Illinois at Chicago, for 6 years, from 2008-2014, teaching the two semester senior chemical process design engineering course. Dr. Perl has authored numerous technical papers, and has undertaken conference presentations and chaired symposia. He served in the United States Air Force Reserve from 1993 through 2004 with three by-name request HQ assignments over 10 years, including work on AF environmental and pollution prevention contracting and compliance issues for the AF Center for Environmental Excellence, San Antonio TX HQ and later in the office of The Air Force Surgeon General in Washington DC, where he focused on active duty readiness issues. Dr. Perl is a Fellow of the American Institute of Chemical Engineers (AIChE) as well as The Institute of Hazardous Materials Management (IHMM). For the past 10 years Jeff has served on the National Council of Examiners of Engineers and Surveyors (NCEES), professional engineering (PE) chemical exam licensing committee. Jeff is a private pilot who also enjoys tinkering with geothermal heat pumps.

Chicago Chem Consultants Corp - Better Chemistry for Living®
Jeffery P. Perl, PhD, PE, CHMM
President

# SYED **MUDASSIR**

[redacted]

Strategic, transformative, innovative Design & Technology Practice Leader with extensive experience in utilizing principal processes to engage clients resulting in new business acquisition and enhanced project delivery. Expertise in technical business strategy development using Data driven analytics. Leverage Design Technology across all disciplines and global market sectors to drive cohesive change, implementation and execution to enhance Design ethos.

- Client Engagement Leader
- Business development Strategy Plans
- Process Implementation & Management
- Healthcare LEAN Kaizen Associate
- Design Technology Operations
- Contract Mitigation, SoW Deliverables
- Staffing & Fee Building Assessments
- Budget & Procurement Development

## PROFESSIONAL EXPERIENCE

**PERKINS & WILL** | P+W | **Chicago, IL** **Dec 2014 – Present**
*Senior Design Application Manager*

Lead & Direct the Digital Design Practice for the Chicago office to develop business strategy and delivery in all Global Market Sectors and Building Types. Client Engagement Leadership informed by big data insights. Implemented the Digital Design Strategic Action Plan, 3 year & 5 year; creating key practice areas including; Interiors Planning & Workplace Strategies, Real-time Computation methodology, Mixed Reality Visualization, Evidence-based Performance Driven Design and Data Assisted Design resulting in client facing platforms & dashboards

**Key Accomplishments:**

- Directed the growth of the Chicago Office from a BIM Practice to a strategic Digital Design Practice that resulted in $5M in new business
- Lead the Design Technology Leaders group that consists of 40 employees and 5 seniors as Direct Reports

**Skidmore, Owings & Merrill** | SOM | **Chicago, IL** **Aug 05-09; 2010 – Oct 2014**
*Digital Design Manager*

Directed the Implementation of Building Information Management across 5 global offices in a multi-discipline practice. Key Digital Design leader oversaw the development of internal Custom Strategic Platforms that harvest BIM data to indicate Building & System Performance, Project Performance, Staff Utilization and optimize design complexities leveraging Design Technology. Responsible for Design Technology Budget, Procurement and Technology Operations Management.

**Key Accomplishments:**

- Added a new service market of $3M to office portfolio by, implementing Computational Data Design & Automation

**Kristine Fallon Associates** | KFA | **Chicago, IL** **Aug 2009 – Aug 2010**
*BIM Manager*

BIM Management & Consultancy of Integrated Project Delivery methods for the following clients: Regional Transportation Authority and the Public Building Commission. Led and Oversaw capital asset condition assessment, large data mining, and data harvesting of all assets. Used data to create an interactive database and guided used interface visualization. Executed and implemented the migration of a large A&E project data to a web-based management system focusing operational excellence

**Key Accomplishments:**

- Regional Transportation Authority assessment resulted in more than $15M in savings for client after asset replacement.

## EDUCATION

**Illinois Institute of Technology** **Chicago, IL** **Aug 2004 – Aug 2009**

College of Architecture | BArch Professional Degree Assoc. AIA #38627502 | LEED Green Associate | LEAN Sigma Associate

PERKINS+WILL

# SYED MUDASSIR, ASSOCIATE AIA

## Design Application Manager



As Design Application Manager for the Chicago office, Mudassir oversees all Architecture, Interior Design, Branded Environments, Planning & Strategies and Cities + Sites disciplines and projects. He is responsible for all Digital Design, Digital Practice, technology innovation, implementation, strategies, workflows, interoperability and Project Delivery Methods. Mudassir is the Chicago Digital Design + Technology Practice Leader who has extensive experience in utilizing strategic design processes to engage clients resulting in new project acquisition and enhanced project delivery. Mudassir is a collaborative communicator who is continually focused on building relationships and promoting a horizontal ethos across all disciplines and global market sectors that drives cohesive change through comprehensive workflow approaches that enhance business multipliers

**EDUCATION**

Bachelor of Architecture, Illinois Institute of Technology

**REGISTRATIONS**

AIA Associate

Leadership in Energy and Environmental Design (LEED) Green Associate

National Council of Architectural Registration Boards (NCARB) IDP

**PROFESSIONAL AFFILIATIONS**

AIA TAP Committee

**RELEVANT EXPERIENCE**

**Healthcare**

Woodlands Integrated Healthcare Campus
Singapore Ministry of Health
Singapore

University of Virginia
180-bed Hospital
Charlottesville, Virginia

**Science + Technology**

Northwestern University
Biomedical Research Building
Chicago, Illinois

**Higher Education**

Northwestern University
Lakefront Athletic Complex
Evanston, Illinois

**Transportation**

SBG and Kingdom of Saudi Arabia Ministry of Finance
Middle East Transportation Hub
Makkah, Saudi Arabia

Regional Transport Authority*
Chicago, Illinois

**Corporate+Commercial+Civic**

Bridgestone Headquarters
Nashville, Tennessee

River South
Master Plan
Chicago, Illinois

KMPG
Chicago, Denver and Boston

Chicago Board of Trade
Chicago, Illinois

**K-12 Education**

Public Building Commission*
Chicago, Illinois

# RIZWAN HUSSAIN

**EDUCATION**

**University of Illinois at Chicago** — **Chicago, IL**
Bachelor of Science in Architecture
College of Architecture and the Arts – School of Architecture

**LICENSE**

Licensed Architect registered in the State of Illinois
License# 001-022520 | Issued: April 2014

**SKILLS**

Possesses 10+ years of intimate knowledge of International Building Codes, Municipal Zoning Codes, and NFPA's Fire and Life Safety Standards. 3+ years of experience in MWRD Local Sewers Systems post-permit processing, archiving, and site inspections. Experienced project manager in architectural and engineering design firms as well as on-site construction management. Expertise in a wide range of construction means & methods, materials procurement, and scheduling. Proficient in construction documents, design, and plan submittal. Achieved recognition for excellent communication skills and in goal oriented management practices.

**EXPERIENCE**

**Aug 2013 - Current**
**Metropolitan Water Reclamation District** — **Chicago, IL**
Inspection Officer / Engineering Technician

Conducted pre-construction meetings with contractors to elaborate on potential code issues on-site
Performed daily field inspections of approved civil plans for underground utilities site development
Inspected construction projects for proper materials, soil erosion and sediment control, sanitary sewer installations, and storm water management in respect to the MWRD Watershed Management Ordinance
Coordinated with municipalities, engineers, and contractors in regards to code enforcement
Tested and approved projects in compliance with MWRD standards, approved plans, and specifications
Made determinations on complex code compliance issues and unique site constraints
Investigated various storm water complaints from the residents and upon department requests
Provided clients under violation with a path to compliance
Reviewed as-built drawings for accuracy and completeness
Assisted in developing standards for inspections and implementation of evolving directives
Actively engaged in inspection training procedures, engineering seminars, and technical briefings
Represented the department at local municipalities, seminars, and bid presentations
Prepared project narratives and maintained routine project status reports

**Mar 2012 - Aug 2013**
**Chicago Building Design, PC** — **Chicago, IL**
Project Manager / Supervisor

Supervised staff in day to day operations of architectural plans, designs, and project submittals
Assisted staff in code interpretation, project goals, and feasibility
Identified and resolved complex design issues during design process
Established design standards, plan submittal procedures, and client interaction policies
Thoroughly surveyed proposed site and building to document existing conditions
Studied building and zoning codes to gauge appropriateness of project within proposed site
Produced preliminary budgets and site studies for prospective projects
Specified materials, means and methods of building construction and finishes for optimal safety, aesthetics, and general standards in construction of building materials and systems.
Conducted meetings, presentations, and Q&A sessions for potential projects
Prioritized design workload to ensure projects were handled appropriately and expeditiously

# RIZWAN HUSSAIN

Reviewed submittal documents for accuracy, completeness, and legibility for conformance with Building Department requirements and the Chicago Building Code
Occasionally designed and prepared Mechanical, Electrical, and Plumbing drawings and schedules
Reviewed and signed off on plans, drawings, and construction documents prepared for submittal
Conducted meetings with plan review official to address code conflicts and submittal issues
Coordinated vendor product demos and industry education seminars for staff development
Met with owners and staff routinely to establish and assess office goals
Ensured staff were performing and contributing to the accomplishment of shared goals
Focused or working as a team on daily workload, challenges, and achievements

**Jan 2010 - Mar 2012**
**Fire by Design, Inc.** **Lake Villa, IL**
Project Manager / Designer

Collaborated with project engineers to draft project proposals
Designed fire alarm, security, and life safety system plans
Possessed intimate knowledge of fire prevention codes, Chicago Building Code, NFPA, and IBC
Performed voltage drop, panel load, and battery back-up calculations
Trained new hires in office standards, design, and procedures

**Jan 2002 - Mar 2010**
**Design Partners Architects** - Intern Architect **Chicago, IL**
**Studio OMD** - Intern Architect **Chicago, IL**
**Manhattan Architects** - Intern Architect **Skokie, IL**
**American Developers Corporation -** Construction Intern **Chicago, IL**

## SOFTWARE

| | |
|---|---|
| CAD: | AutoCAD, Autodesk Architecture, Maya, Rhino, 3D Studio Max, VIZ, & Sketch Up |
| GRAPHICS: | Adobe Photoshop, Illustrator, In Design, Dreamweaver, & Acrobat |
| PROCESS: | Microsoft Word, Project, Excel, Access, Power Point, & Outlook |

## CREDENTIALS

2014 : State of Illinois Architectural License
2012 : OSHA HAZWOPER Training Certificate
2011 : NICET Level I Certified

## ASSOCIATIONS

2010 : Automatic Fire Alarm Association, Member
2008 : National Council of Architectural Registration Boards, Member

## COURSEWORK

Architectural Design Studio, Mechanical Processes, Machinery Design, Vibrations, Building Sciences, Ethics in Building, Technics in Building Designing with the Environment, Designing in the City Structures: I – Statics and Dynamics, II - Strengths of Material, Advanced Digital Drafting Techniques

## REFERENCES

Oliver Seay, Office Manager at Chicago Building Design, PC – Chicago, IL
Carl J. Olomon, Fire Prevention Engineer at Fire By Design, Inc. – Lake Villa, IL

# RIZWAN HUSSAIN

Rizwan Hussain graduated from the University of Illinois with an architectural degree. In his professional life he is an architect with broad experience in architecture, engineering, design and development, construction, and inspections. He has years of experience in life safety design, code compliance, and enforcement. He has worked for architectural and engineering offices, and is currently an Inspection Officer for the Metropolitan Water Reclamation District of Greater Chicago. He is involved in overseeing MWRD code compliance for 20 municipalities in the Cook County area. Projects include large scale capital development projects, commercial projects, residential, and development in flood hazard areas.

In his personal life he has been engaged in various projects with the local community, recently in senior housing projects for low income seniors with the successful completion of a $14 million project on the north side of Chicago. He was actively involved in the Darul Aman senior housing development of 56 units, which was received as huge success in the community, and currently has a 1 year waitlist. He is currently the president of Hope for Seniors Foundation providing access to activities and affordable housing for seniors.

# Teodor Strat, P.E.

## WORK EXPERIENCE

**Department of Energy - Federal Energy Regulatory Commission** **Chicago, IL**
*Civil Engineer for Hydroelectric Operations* October 1994 - Present

- Reviewed designs, plans and specifications, hazard rating, and Quality Control and Inspection Programs for civil work conducted at hydropower dams throughout the Midwest
- Performed on-site inspections of facilities for compliance with Commission guidelines

**Rubinos and Mesia Engineers** **Chicago, IL**
*Civil Engineer Consultant* 1993 – 1994

- Designed dropshafts #2, 16 and 17 connecting to the deep tunnel on the TARP Project
- Reviewed stability of embankments at dropshaft sites
- Worked in close cooperation with the Illinois Department of Transportation (I.D.O.T)

**Harza Engineering Company** **Chicago, IL**
*Civil Engineer Consultant* 1990 – 1993

- Worked with several teams on different projects performing various tasks such as: computer modeling hydraulics, preparing reports, establishing safety guidelines, general design work
- Performed on-site analysis of dams in Illinois, Virginia, Michigan, California and Romania

**Mead and Hunt Consulting Engineers** **Madison, WI**
*Civil Engineer Consultant* 1988 – 1990

- Responsible for the hydraulic design and rehabilitation of hydroelectric projects
- Oversaw every aspect from collecting field data to drafting reports and preparing exhibits
- Various work: spillway adequacy studies, flood plain protection analysis, design water retaining structures, emergency action plans, inflow design studies, and preparation of operation manuals for 13 dams in Wisconsin

## Relevant Projects

*Rocky Mountain Project - Georgia*

- Developed mathematical models to describe systems performance for various operation scenarios

*Village of Northbrook Water Program - Northbrook, Illinois*

- Evaluated feasibility of new water intake facilities

*Combined Sewer Overflow – Evanston, Illinois*

- Designed the connecting structures between the sewer and deep tunnel

*Mayor Dailey's Civil-Hydraulic Team – Chicago, Illinois*

- Evaluated and supervised dewatering processes during the Chicago flood of 1992

*Way Dam – Michigan*

- Recommended design flood frequencies for normal bridge use and powerhouse access for overtopping failure conditions

*Devil's Gate Dam – California*

- Designed and sized the new spillway to pass the Probable Maximum Flood with no overtopping

*Occoquan River Dam – Fairfax County, Virginia*

- Performed hazard rating analysis for the entire project

*Rosebud Sioux Tribe Reservation*

- Performed hydraulic design of fuse plugs and flood routings for three dams located on reservation

**Dam Safety Inspection Inspections**

Alverno Dam, Mottville Dam, Kaukauna Dam, Weed Dam, Buchanan Dam, Twin Branch Dam, Little Chute Dam, Elkhart Dam, Old Badger Dam, New Badger Dam, Rapide Croche Dam, Combined Locks Dam, Brown Bridge Dam, Boardman Dam, Sabin Dam, Elk Rapids Dam, De Pere Dam, Cheboygan Dam, Middle Appleton Dam, South Bend Dam, Shawano Paper Dam, Tower Dam, Kleber Dam, Constantine Dam, Kimberly Dam, Webber Dam, Centreville Dam, Beaverton Dam

**EDUCATION**

**Polytechnic Institute Traian Vuia Timisoara, Romania** **1977-1982**
*Bachelors of Science in Civil Engineering*

**University of Minnesota, Minneapolis, MN** **1986-1988**
*Masters of Science in Civil Engineering*

**Professional Registration**

*Professional Engineer Minnesota License Number: 21848* *1990*
*Professional Engineer Wisconsin License Number: 28928* *1991*

Return to VB Agenda

Teodor Strat

Resident of Lincolnwood for over 20 years

Civil Engineer by the Federal Energy Regulatory Commission

Return to VB Agenda

**Architectural Office of**
# K. O'Brien, P.C.

January 22, 2007

## RESUME

**Overall Qualifications**:
Strong architectural skills with a fundamental understanding of high quality design and integration of construction practices. Over 10 years of direct client interaction and execution of projects that meet or exceed the client's expectations. Primary goal is to provide quality, one-of-kind designs with a practical understanding of the actual construction process used to execute the project. Experience in large scale single and multi-family developments through-out the Chicago land area. Assist clients in evaluating their needs and feasibility of the scope of work to be executed not only from a design but investment stand point. Currently providing custom and semi-custom designs for single family projects in the North shore community.

## WORK EXPERIENCE:

**O'Brien Builders,** Family Business, Founded 2004 - current
Started constructing new single family custom homes in Lincolnwood, Illinois. Focus of business is to construct quality, one of a kind residence for investment. Each residence is designed for resale with an attempt to provide custom feeling styling. A strong focus is placed on design and providing a unique, none builder feeling home that enhances the long term aesthetics of the community. Quality and efficient construction practices are exercised with providing above average construction means and a six month turn around target.

**President & Owner of K.O'Brien, PC**, Founded 2001 - current
Started architectural office specializing in single family residential new and custom additions. Work focus primarily on the Northshore communities, with majority of work in Winnetka, Kenilworth, Wilmette and Glenview. Site specific designs with attention to customer relations and on site observation. 60% of all work is referral and the remaining 40% repeat clients. Client satification with attention to high quality design and ease of construction is the primary goal of each design. Each project is approached with energy and the client's personal tastes and objective the primary objective.

**Kirk & Partners,** Arlington Heights -Head of Residential, 1998-2000
Head of the Residential Department for Custom, multi-million dollars residential projects in the Northshore communities. Hands on design with clients followed by field observation and coordination. Client contact on daily bases with weekly site visits. Oversaw staff and scheduling of all major projects. Majority of work took place in Winnetka, Lake Forest and Highland Park.

**KLLM Architect,** Chicago - Head of Residential, 1993-1998
Head of Residential for a firm that focused on large scale subdivisions and new developments in single and multi- family. Projects ranged from 300 single family subdivisions to 3600 unit multi-family subdivisions. Clients varied from Snitzer Homes, United Homes, Cambridge Homes, Greene & Greene, and Burnside Construction, etc. Construction sites ranged from the City of Chicago to expanding new suburbs. Oversaw a staff on a daily bases for all aspects of construction documents and production. Lead contact with each construction firm, building department and site review. Oversaw projects from conception to execution.

**Architectural Office of**
**K. O'Brien, P.C.**

Primary Assistant to Principle Owner, 1994-1996
Was principles owner's personal assistant. Attended all meetings with clients and responsible for initial designs and layouts for all new projects for single and multifamily developments. Attended all contract negation meetings and site progress. Executed any new large scale development production documents from start to finish.

Intern, 1993-1994,
General intern, worked on single family residences. Responsible for development of office standards for computer documents and production standards for commercial projects for the office.

**University of Detroit,** School of Architecture, 1993 Graduated Magna-Cum –Laude
Professional Bachelor of Architecture. Graduated top of class. Curriculum focused on strong design with practical applications integrated for real world practices.

Work Internships:
Allegretti Architects, St. Joseph, MI: Presentations, verbal and media for designs of custom homes and Community Theater.
Hillier Group, Princeton, NJ: Design team for Abbott medical complex in Virginia.
Allegretti Architects, St. Joseph, MI: Production documents.

**Marilyn B. Marwedel**

- A 40 year resident of Lincolnwood

- Retiree of Loyola University Chicago with 36 years of service. Responsible for managing the daily administration of the four pension plans and special retirement programs for faculty, staff and administration population of 6,000 both at the University and Medical Center.

- Served on the Loyola University Employees' Federal Credit Union board for 12 years.

- Served as a volunteer in Lincolnwood on the Police Pension Board (22 yrs.), School Board Finance Committee (3 yrs.), co-chairperson of Fest Committee (8yrs) and as treasurer for 7 local political campaigns.

- Served on the Board of Directors, Finance Committee and was president of the alumni association of Josephinum High School.

- Assisted with the relief efforts at Fosco Park for Katrina evacuees who relocated to Chicago and with the Lincolnwood Katrina Committee raising funds for the town of Gautier, MS.

- Operations Manager for the Annual Chicago Toy and Game Fair for 5 years (2013-17). (Mary Couzin, a Lincolnwood resident and past trustee, is the CEO and founder of the Chicago Toy and Game Week.)

2-1-18

# Request For Board Action

**REFERRED TO BOARD:** February 6, 2018 **AGENDA ITEM NO: 1**

**ORIGINATING DEPARTMENT:** Community Development

**SUBJECT: Approval of a Recommendation by the Plan Commission to Adopt a Resolution Approving a Final Plat of Subdivision and Subdivision Variation for 6530 North Lincoln Avenue, as well as an Ordinance Approving Special Uses Related to Parking Located in the Front Yard and Variations Related to Building Setbacks and Parking Lot Design on Both Parcels Resulting from the Requested Subdivision, and an Ordinance Approving the Rezoning of One of the Resulting Parcels**

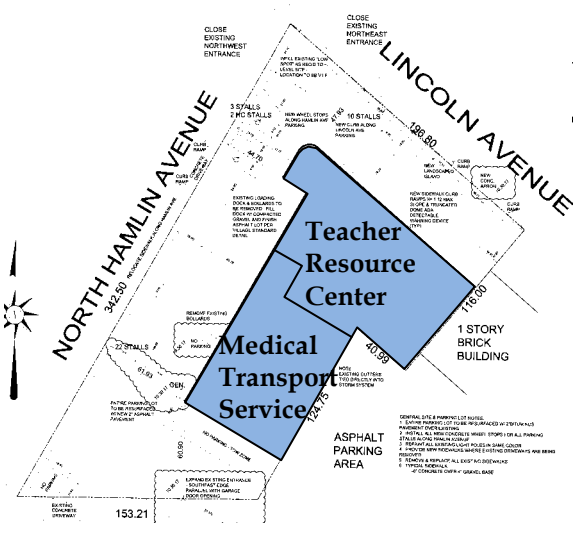
***(This matter was originally on the January 16, 2018 Village Board agenda and was continued to the February 6, 2018 Village Board agenda)***

**SUMMARY AND BACKGROUND OF SUBJECT MATTER:**

Bais Medrash Binyan Olam (BMBO), Property Owner of 6530 North Lincoln Avenue, wishes to adapt the existing structure on the property for two distinct uses. The northern portion of the building (fronting on Lincoln Avenue) would house an education resource center for teachers to receive training and curriculum support, which is a permitted use in the B-1 Zoning District. The southern portion of the building (fronting on Arthur Avenue) would house a medical transport service with ambulance bays and storage that would be maintained and operated by a not-for-profit, volunteer service provider. This is not a permitted use in the B-1 Zoning District and would require subdivision of the existing lot and rezoning of the resulting southern parcel.



**Existing Property at 6530 North Lincoln Avenue**




**Proposed Uses in Existing Building Footprint**

Historically, the building has housed a variety of different businesses, from an auto dealership to a Tribune Publications warehouse and distribution facility. However, it has been vacant for several years. Approximately three years ago, the property was purchased by a bank with the intent to tear down the structure in order to build a new bank facility. The bank proceeded through the zoning process, seeking relief necessary to permit the proposed new bank structure and was granted approval in August, 2014. As part of that approval, the property was rezoned so

that the then split-zoned property, with B-1 Zoning on the front half of the property and M-B Zoning on the back half, was united under one B-1 Zoning District. However, the bank invested in a different property for their new facility, and, as a result, this property was sold to the current owner.

BMBO would like to subdivide the building and the property for two specific not-for-profit users. The 1.03- acre property is currently zoned B-1, Traditional Business and is in the Business/Residential Transition Area in the Lincoln Avenue Overlay District which is intended to promote neighborhood commercial uses and pedestrian access. B-1 commercial properties, including commercial service and office uses, are located on either side of this property along Lincoln Avenue.



*Rendering of the Proposed Development*

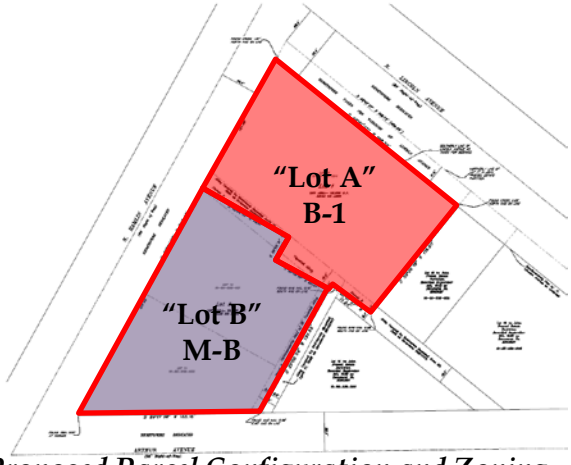
**REQUESTED ACTIONS:**

The proposed development requires the following approvals related to subdivision of the property, rezoning of one of the resulting parcels, and Special Uses and Variations on both of the resulting parcels:

- *Subdivision of the existing property from one current zoning lot to two new parcels.* The new parcel line would bisect the existing building, resulting in portions of the building on each new parcel. For the purposes of this report, "Lot A" would front on Lincoln Avenue and Hamlin Avenue, and "Lot B" would front on Arthur Avenue and Hamlin Avenue.
- *Variation from Section 16-5-2 of the Subdivision Ordinance.* This Section states that "no consolidation of more than two lots shall be permitted unless a Variation is granted pursuant to Article 9 of this Chapter 16." The proposed development triggers this Variation requirement since there are currently three parcels that make up the existing zoning lot.
- *Rezoning of "Lot B" to the M-B District.* This would allow the proposed medical transport service and storage facility in the southern portion of the existing building.
- Zoning relief for "Lot A" including the following:
    - *Variation from Section 6.14(1)g of the Zoning Ordinance.* This Section states that "a six-inch continuous poured-in-place concrete curb shall separate all drive and parking surfaces from landscape areas." The edge of the parking lot running along Hamlin Avenue and north of the



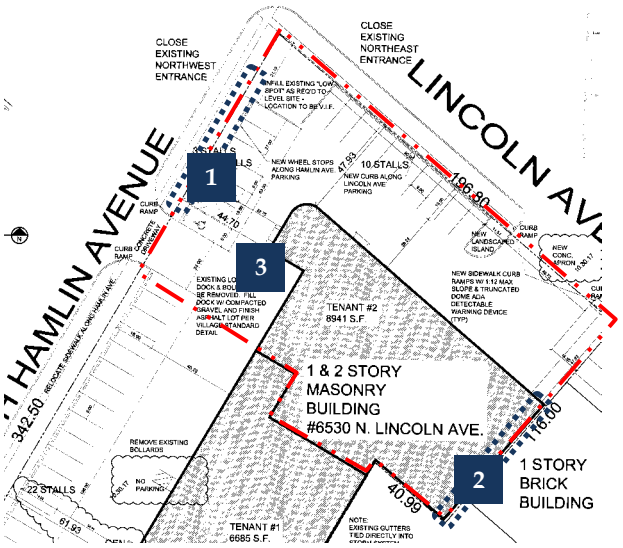

*Existing Parcel Configuration and Zoning*




*Proposed Parcel Configuration and Zoning*

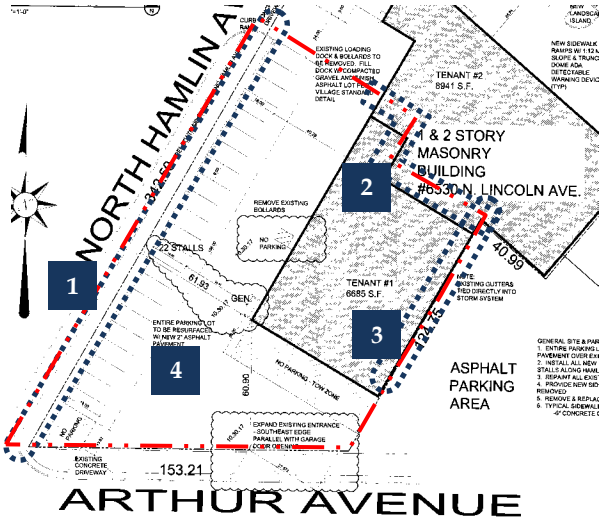
Hamlin Avenue curb cut designated to remain does not include a six-inch curb.

- *Variation from Section 4.13 of the Zoning Ordinance.* This section requires that properties in the B-1 District provide a rear setback of ten feet. The subdivision of the property and the dimensions of "Lot A" result in the southeast lot line being designated as the rear lot line. The existing structure is built up to this lot line.
- *Special Use approval as per Section 7.06(5) of the Zoning Ordinance.* This section states that parking in the front yard of a property in the B-1 Zoning District requires Special Use approval. The subdivision of the property and the dimensions of "Lot A" result in the Hamlin Avenue frontage being designated as the front lot line, and the proposed plan shows parking between this lot line and the façade of the existing building.




***"Lot A" Requested Zoning Relief:***
***1) Uncurbed Proposed Parking Area***
***2) Non-compliant Rear Yard Setback***
***3) Parking in the Front Yard***

- Zoning relief for "Lot B" including the following:
  - *Variation from Section 6.14(1)g of the Zoning Ordinance.* This Section states that "a six-inch continuous poured-in-place concrete curb shall separate all drive and parking surfaces from landscape areas." The edge of the parking lot running along Hamlin Avenue does not include a six-inch curb.
  - *Variation from Section 4.14 of the Zoning Ordinance.* This Section requires that properties in the M-B District provide a side yard setback of five feet and a rear setback of five feet. The subdivision of the property and the dimensions of "Lot B" result in the southeast interior lot line being designated as the side lot line and the northeast interior lot line being designated as the rear lot line. The existing structure is built up to the side lot line, and the subdivision of the property will result in the building extending up to and beyond the rear lot line.
  - *Special Use approval as per Section 7.06(5) of the Zoning Ordinance.* This Section states that parking in the front yard of a property in the M-B Zoning District requires Special Use approval. The subdivision of the property and the dimensions of "Lot B" result in the Arthur Avenue frontage being designated as the front lot line, and the proposed plan shows parking between this lot line and the façade of the existing building.




***"Lot B" Requested Zoning Relief:***
***1) Uncurbed Proposed Parking Area***
***2) Non-compliant Rear Yard Setback***
***3) Non-compliant Side Yard Setback***
***4) Parking on the Front Yard***

**Public Hearing**
The requests listed were considered during a December 6, 2017 Public Hearing held by the Plan Commission. Jordan Matyas (attorney), Clifford Town (project architect), and Tzvi Montrose (Hatzalah Chicago) were sworn in and spoke on behalf of the Petitioner.

Mr. Matyas reiterated the beneficial aspects of the proposed development, including the active use of an otherwise vacant property, increased landscaping along the edge of the parking area, and enhancements to the exterior façade of the building.

There was discussion among the Plan Commission as to whether or not the Variation for the six-inch curb was necessary, and whether or not it met the Variation standards in the Zoning Ordinance. Ultimately, the Plan Commission felt the request for the curb Variation was appropriate.

Chairman Yohanna expressed concerns about permitting a use along Lincoln Avenue that would not provide property or sales tax revenues to the Village. However, it was reiterated that the specific owner of a property or their status as a not-for-profit entity is not included as a standards for determining the appropriateness of the requested subdivision or zoning approvals.

The Plan Commission sought additional information regarding the operation of the medical transport service out of the southern portion of the existing building. Mr. Montrose provided additional detail regarding the nature of the service and any impacts in may have on surrounding properties.

**Plan Commission Recommendation**
The Plan Commission found that the requested subdivision and rezoning of the resulting southern parcel to the M-B District are appropriate based on their alignment with the goals of the Comprehensive Plan, compatibility with adjacent land uses, and intent to use the existing site and structure in a similar manner without introducing substantial new impacts to surrounding properties. A motion recommending approval of the Preliminary Plat of Subdivision of the property, Variation from the Subdivision Ordinance related to the consolidation of more than two parcels, rezoning of the resulting southern parcel to the M-B District, and Variations and Special Uses related to each resulting parcel was unanimously passed by a 6-0 vote. Chairman Yohanna requested that the item be included on the Village Board's regular agenda for consideration of final approval. However, it is the Village's standard practice to place requests that receive a unanimous favorable recommendation on the Village Board's consent agenda. (Subsequently, the Village Board approved the preliminary Plat of Subdivision at its December 19, 2017 meeting, and the Plan Commission unanimously approved the Final Plat of Approval at its January 3, 2018 meeting.)

**FINANCIAL IMPACT:**
None

**DOCUMENTS ATTACHED:**

1. Proposed Resolution Approving a Final Plat of Subdivision
2. Proposed Ordinance to Rezone Property to the M-B Zoning District
3. Proposed Ordinance Approving Special Use Permits and Variations
4. December 6, 2017 Plan Commission Staff Report
5. December 6, 2017 Plan Commission Meeting Minutes Excerpt
6. January 3, 2018 Plan Commission Meeting Minutes (Draft)
7. Map Amendment Public Hearing Application
8. Variations Public Hearing Application
9. Proposed Final Plat of Subdivision
10. Proposed Site Plan and Engineering
11. Renderings of the Proposed Development
12. Proposed Sign Plans
13. Petitioner Letter Regarding Lights and Sirens
14. Relevant Code Sections

**RECOMMENDED MOTION**:

**Move to approve** a Resolution approving a Final Plat of Subdivision and Subdivision Variation for 6530 North Lincoln Avenue, as well as an Ordinance approving Special Uses related to parking located in the front yard and Variations related to building setbacks and parking lot design on both parcels resulting from the requested Subdivision, and an Ordinance approving the rezoning of one of the resulting parcels.

**VILLAGE OF LINCOLNWOOD**

**RESOLUTION NO. R2018-_____**

**A RESOLUTION APPROVING A FINAL PLAT OF SUBDIVISION**
(6530 North Lincoln Avenue)

WHEREAS, Bais Medrash Binyan Olam (***"Owner"***) is the owner of record of the property consisting of three lots comprising a total of approximately 1.03 acres, legally described in **Exhibit A**, and commonly and collectively known as 6530 North Lincoln Avenue, Lincolnwood, Illinois (***"Property"***); and

WHEREAS, the Owner desires to consolidate the three existing lots and resubdivide the Property into two lots of record identified as Lot 1 and Lot 2 on that certain plat titled "Final Plat of Subdivision for Shulman Addition to the Village of Lincolnwood," prepared by AES Services, Inc., with a latest revision date of December 21, 2017 (***"Final Plat"***); and

WHEREAS, the Owner applied for preliminary approval of a preliminary plat of subdivision (***"Preliminary Plat"***) for the Property pursuant to Chapter 16 of the Municipal Code of Lincolnwood (*"**Village Code**"*); and

WHEREAS, on December 6, 2017, pursuant to and in accordance with Section 16-4-4 of the Village Code, the Village Plan Commission recommended approval of the Preliminary Plat; and

WHEREAS, on December 19, 2017, pursuant to and in accordance with Section 16-4-4 of the Village Code, the Village President and Board of Trustees approved the Preliminary Plat; and

WHEREAS, the Owner has now applied for approval of the Final Plat pursuant to Chapter 16 of the Village Code; and

WHEREAS, the Final Plat substantially conforms to the approved Preliminary Plat; and

WHEREAS, on January 3, 2017, pursuant to Section 16-4-5 of the Village Code, the Village Plan Commission recommended approval of the Final Plat;

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. APPROVAL OF FINAL PLAT. Subject to, and contingent upon, the conditions, restrictions, and provisions set forth in Section 4 of this Resolution, the Final Plat is hereby approved in the form attached to and, by this reference, made a part of this Resolution as **Exhibit A**.

SECTION 3. GRANT OF VARIATION. Subject to, and contingent upon, the conditions, restrictions, and provisions set forth in Section 4 of this Resolution, a variation from Section 16-5-2 of the Village Code to permit the consolidation of three lots is hereby approved with respect to the Plat, in accordance with, and pursuant to, Article 9 of Chapter 16 of the Village Code.

SECTION 4. CONDITIONS. The approval of the Final Plat in Section 2 of this Resolution and the grant of variation in Section 3 of this Resolution are conditioned upon the Applicant complying with the following:

A. The Applicant must secure the necessary approvals from all public utility companies, provide easement statements, and locate all existing easements on the Plat, prior to recordation;

B. The Plat must include all certificates, signatures, and seals as required by Chapter 16 of the Village Code; and

C. Survey monuments must be installed as required pursuant to Section 16-5-9 of the Village Code.

SECTION 5. EXECUTION OF FINAL PLAT. Upon satisfaction of the conditions set forth in Section 4 of this Resolution, the Village President and the Village Clerk are hereby authorized and directed to execute and seal, on behalf of the Village, the Final Plat.

SECTION 6. RECORDATION OF THE FINAL PLAT. Upon execution of the Final Plat by the Village President and the Village Clerk, as provided in Section 5 of this Resolution, the Village Clerk is directed to cause the Final Plat to be recorded in the office of the Cook County Recorder.

SECTION 7. EFFECTIVE DATE. This Resolution will be in full force and effect from and after its passage and approval as provided by law.

[SIGNATURE PAGE FOLLOWS]

Return to VB Agenda

PASSED this ___ day of _____, 2018.

AYES: _____

NAYS:_____

ABSENT:____

ABSTENTION:_____

APPROVED by me this _____ day of _____, 2018.

_____
Barry I. Bass, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office this
_____ day of _____, 2018

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

#54964345_v2

**EXHIBIT A**

**FINAL PLAT**

Return to VB Agenda

**VILLAGE OF LINCOLNWOOD**

**ORDINANCE NO. 2018-_____**

**AN ORDINANCE REZONING PROPERTY**
**TO THE M-B LIGHT MANUFACTURING/BUSINESS ZONING DISTRICT**
(6530 North Lincoln Avenue, Lot 2)

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF LINCOLNWOOD
THIS ____ DAY OF JANUARY, 2018.

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 January, 2018

_____
Village Clerk

**ORDINANCE NO. 2018-_____**

**AN ORDINANCE REZONING PROPERTY**
**TO THE M-B LIGHT MANUFACTURING/BUSINESS ZONING DISTRICT**
(6530 North Lincoln Avenue, Lot 2)

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, Bais Medrash Binyan Olam (***"Owner"***) is the record title owner of that certain property identified as Lot 2 on **Exhibit A**, located at the address commonly known as 6530 North Lincoln Avenue, Lincolnwood, Illinois, and legally described in **Exhibit B** attached to and, by this reference, made a part of this Ordinance (***"Property"***); and

WHEREAS, the Property is currently located within the B-1 Traditional Business Zoning District of the Village (***"B-1 District"***); and

WHEREAS, the Owner has submitted an application to the Village requesting that the Village rezone the Property into the M-B Light Manufacturing/Business Zoning District of the Village (***"M-B District"***); and

WHEREAS, pursuant to notice duly published in the *Lincolnwood Review* on November 14, 2017, the Plan Commission of the Village of Lincolnwood (***"Plan Commission"***) conducted a public hearing on December 6, 2017, concerning amendments to the Village of Lincolnwood Official Zoning Map (***"Zoning Map"***) to rezone the Property into the M-B District (***"Requested Rezoning"***); and

WHEREAS, at the conclusion of the public hearing, the Plan Commission made findings and recommended that the President and Board of Trustees approve the Requested Rezoning of the Property, as set forth in this Ordinance; and

WHEREAS, having considered the findings and recommendations of the Plan Commission, the President and Board of Trustees have found and determined that it will serve and be in the best interest of the Village and its residents to rezone the Property into the M-B District;

NOW, THEREFORE, BE IT ORDAINED BY THE 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. ZONING MAP AMENDMENT. The Zoning Map of the Village is hereby amended to rezone the Property into the M-B District, in accordance with, and pursuant to, Section 5.16 of the Zoning Ordinance and the home rule powers of the Village.

SECTION 3. SEVERABILITY. If any provisions 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.

PASSED this ___ day of January, 2018.

AYES: _____

NAYS:_____

ABSENT:____

ABSTENTION:_____

APPROVED by me this ___ day of January, 2018.

_____
Barry I. Bass, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office this
_____ day of January, 2018

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

**EXHIBIT A**

**PLAT**

# EXHIBIT B

## LEGAL DESCRIPTION OF THE PROPERTY

LOT 2 OF THE SCHULMAN ADDITION TO THE VILLAGE OF LINCOLNWOOD, BEING A RESUBDIVISION OF LOTS 14, 15, AND 17 AND VACATED ALLEYS (EXCEPT THE NORTHEASTERLY 17 FEET OF SAID LOT 17, CONDEMNED FOR WIDENING LINCOLN AVENUE) IN THE JOHN PROESEL ESTATE PARTITION, BEING A SUBDIVISION OF THE SOUTH ½ OF THE SOUTHWEST ¼ OF SECTION 35, TOWNSHIP 41 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, (EXCEPT RAILROAD RIGHT OF WAY), IN COOK COUNTY, ILLINOIS.

Commonly referred to as 6350 North Lincoln Avenue, Lincolnwood, Illinois

P.I.N.: 10-35-326-004-0000, 10-35-326-001-0000, 10-35-326-002-0000

Return to VB Agenda

THIS SPACE FOR RECORDERS USE ONLY

**VILLAGE OF LINCOLNWOOD**

**ORDINANCE NO. 2018-____**

**AN ORDINANCE APPROVING SPECIAL USE PERMITS AND VARIATIONS**
(6530 North Lincoln Avenue)

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF LINCOLNWOOD
THIS _____ DAY OF JANUARY, 2018.

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 _____, 2018

_____
Village Clerk

**AN ORDINANCE APPROVING SPECIAL USE PERMITS AND VARIATIONS**
(6530 North Lincoln Avenue)

WHEREAS, Bais Medrash Binyan Olam (***"Owner"***) is the record title owner of that certain property commonly and collectively known as 6530 North Lincoln Avenue, which consists of two lots of record, identified as Lot 1 (***"Lot 1"***) and Lot 2 (***"Lot 2"***) on **Exhibit A**, attached to and, by this reference, made a part of this Ordinance, and legally described in **Exhibit B**, attached to and, by this reference, made a part of this Ordinance (Lot 1 and Lot 2 are collectively, the ***"Property"***); and

WHEREAS, the Property is currently improved with a one and two story commercial building (***"Building"***), which is located on both Lot 1 and Lot 2, and off-street parking areas; and

WHEREAS, the Owner desires to use Lot 1 as an education resource center, and to use Lot 2 as a medical transport service; and

WHEREAS, on January 16, 2018, the Village adopted Resolution No. _____, approving a final plat of subdivision to consolidate and resubdivide the Property into Lot 1 and Lot 2 (***"Subdivision"***); and

WHEREAS, Lot 1 is located in the B-1 Traditional Business Zoning District (***"B-1 District"***); and

WHEREAS, on January 16, 2018, the Village adopted Ordinance No. _____ approving the rezoning of Lot 2 from the B-1 District to the M-B Light Manufacturing/Business Zoning District (***"M-B District"***); and

WHEREAS, pursuant to Section 4.13 of the Village of Lincolnwood Zoning Ordinance (***"Zoning Ordinance"***), a rear yard setback of ten feet is required in the B-1 District; and

WHEREAS, pursuant to Section 4.14 of the Zoning Ordinance, a minimum rear yard setback of five feet and a minimum side yard setback of five feet are required in the M-B District; and

WHEREAS, pursuant to Section 2.02 of the Zoning Ordinance, the front lot line of a lot is the lot line with the shortest length abutting the street, and the rear lot line is the line most distant and opposite from the front lot line; and

WHEREAS, the Subdivision of the Property into two lots of record reconfigured the shapes and dimensions of the lots, and, therefore, resulted in the designation of new front and rear lot lines for Lot 1 and Lot 2; and

WHEREAS, after the Subdivision of the Property, the portion of the Building located on Lot 1 is located zero feet from the rear lot line, in violation of Section 4.13 of the Zoning Ordinance; and

WHEREAS, after the Subdivision of the Property, the portion of the Building located on Lot 2 is located zero feet from the rear lot line and zero feet from the side lot line, in violation of Section 4.14 of the Zoning Ordinance; and

WHEREAS, pursuant to Section 7.06(5) of the Zoning Ordinance, open-air, off-street parking areas are prohibited within front yards, except upon issuance of a special use permit therefor; and

WHEREAS, the Subdivision of the Property also caused the existing off-street parking areas to be located within the front yards of both Lot 1 and Lot 2, in violation of Section 7.06(5) of the Zoning Ordinance; and

WHEREAS, Section 6.14(1)g of the Zoning Ordinance requires that a six-inch curb separate all drive and parking surfaces from landscaped areas; and

WHEREAS, portions of the existing off-street parking areas do not have a six-inch curb separating the parking surfaces from landscaped areas, in violation of Section 6.14(1)g of the Zoning Ordinance; and

WHEREAS, in order to use the existing Building and off-street parking areas for two distinct uses, the Owner has filed an application for: (i) special use permits to allow the off-street parking areas to be located in the respective front yards of Lot 1 and Lot 2; (ii) variations for Lot 1 from Sections 6.14(1)g and 4.13 of the Zoning Ordinance to reduce the rear setback requirement from ten feet to zero feet, and to eliminate the requirement to separate the off-street parking area from the landscaped areas with a six-inch curb; and (iii) variations for Lot 2 from Sections 6.14(1)g and 4.14 of the Zoning Ordinance, to reduce the side yard and rear yard setback requirements from five feet to zero feet, and to eliminate the requirement to separate the off-street parking area from the landscaped areas with a six-inch curb (collectively, the ***"Requested Relief"***); and

WHEREAS, a public hearing of the Plan Commission of the Village of Lincolnwood (***"Plan Commission"***) to consider approval of the Requested Relief was duly advertised in the *Lincolnwood Review* on November 14, 2017 and held on December 6, 2017; and

WHEREAS, on December 6, 2017, the Plan Commission made findings and recommendations in support of the Requested Relief, subject to specified conditions; and

WHEREAS, the Village President and Board of Trustees have determined that the Requested Relief meets the required standards for special use permits and variations 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 grant the Requested Relief 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 PERMITS. 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 4 of this Ordinance, the Village President and Board of Trustees hereby grant the following special use permits pursuant to Section 7.06(5) of the Zoning Ordinance to the Owner and the Property:

A. Off-Street Parking Area in Required Front Yard of Lot 1. A special use permit to allow the location of open-air, off-street parking spaces within the required front yard of Lot 1; and

B. Off-Street Parking Area in Required Front Yard of Lot 2. A special use permit to allow the location of open-air, off-street parking spaces within the required front yard of Lot 2.

SECTION 3. APPROVAL OF VARIATIONS. Subject to, and contingent upon, the conditions, restrictions, and provisions set forth in Section 4 of this Ordinance, the Village President and Board of Trustees hereby grant the following variations for the Property, in accordance with, and pursuant to, Article V of the Zoning Ordinance and the home rule powers of the Village:

A. Variations Granted for Lot 1.

1. Six-Inch Curb Variation. A variation from Section 6.14(1)g of the Zoning Ordinance to eliminate the requirement to separate the off-street parking area from the landscaped areas with a six-inch curb; and

2. Rear Yard Setback Variation. A variation from Section 4.13 of the Zoning Ordinance to decrease the minimum rear yard setback, from 10 feet to zero feet.

B. Variations Granted for Lot 2.

1. Six-Inch Curb Variation. A variation from Section 6.14(1)(g) of the Zoning Ordinance to eliminate the requirement to separate the off-street parking area from the landscaped areas with a six-inch curb; and

2. Rear Yard Setback Variation. A variation from Section 4.14 of the Zoning Ordinance to decrease the minimum rear yard setback, from five feet to zero feet.

3. Side Yard Setback Variation. A variation from Section 4.14 of the Zoning Ordinance to decrease the minimum side yard setback, from five feet to zero feet.

SECTION 4. 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 Sections 2 and 3 of this Ordinance are hereby expressly subject to, and contingent upon, the development, use, and maintenance of the Property in compliance with each and all of the following conditions:

A. Compliance with Regulations. Except to the extent specifically provided otherwise in this Ordinance, the development, use, operation, and maintenance of 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 Property must comply with the following plans:

1. The Final Plat of Subdivision for Shulman Addition to the Village of Lincolnwood, prepared by AES Services, Inc. and consisting of two sheets, with a latest revision date of October 13, 2017, copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit A;

2. The Proposed Site Plan and Engineering Plan, prepared by Town Studios, Inc. and consisting of one sheet, with a latest revision date of October 30, 2017, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit C;

3. The Renderings of the Proposed Development Plan, prepared by Town Studios, Inc. and consisting of one sheet, a copy of which is attached to and, by this reference, made a part of this Ordinance as Exhibit D;

SECTION 5. 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 will inure solely to the benefit of, and be binding upon, the Owner and each of its heirs, representatives, successors, and assigns.

SECTION 6. FAILURE TO COMPLY WITH CONDITIONS. Upon the failure or refusal of the Owner to comply with any or all of the conditions, restrictions, or provisions of this Ordinance, as applicable, the approvals granted in Sections 2 and 3 of this Ordinance will, 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 Sections 2 or 3 of this Ordinance unless they first provide the Owner 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 B-1 District as to Lot 1 and the M-B District as to Lot

2, 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 7. AMENDMENTS. Any amendments to the approvals granted in Sections 2 and 3 of this Ordinance that may be requested by the Owner 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 will remain in full force and effect, and will 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 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; and

3. The filing by the Owner with the Village Clerk of an Unconditional Agreement and Consent, in the form of **Exhibit F** 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; and

B. In the event the Owner 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 Village President and Board of Trustees will have the right, in its sole discretion, to declare this Ordinance null and void and of no force or effect.

[SIGNATURE PAGE FOLLOWS]

PASSED this _____ day of _____, 2018.

AYES:

NAYS:

ABSENT:

ABSTENTION:

APPROVED by me this _____ day of _____, 2018.

_____
Barry I. Bass, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office this
_____ day of _____, 2018

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

Return to VB Agenda

**EXHIBIT A**

**FINAL PLAT OF SUBDIVISION**

**EXHIBIT B**

**LEGAL DESCRIPTION OF THE PROPERTY**

Commonly known as: 6530 N. Lincoln Avenue, Lincolnwood, Illinois

LOT 1

LOT 1 OF THE SCHULMAN ADDITION TO THE VILLAGE OF LINCOLNWOOD, BEING A RESUBDIVISION OF LOTS 14, 15, AND 17 AND VACATED ALLEYS (EXCEPT THE NORTHEASTERLY 17 FEET OF SAID LOT 17, CONDEMNED FOR WIDENING LINCOLN AVENUE) IN THE JOHN PROESEL ESTATE PARTITION, BEING A SUBDIVISION OF THE SOUTN ½ OF THE SOUTHWEST ¼ OF SECTION 35, TOWNSHIP 41 NORTH, RANGE 13, EAST OF THE THRID PRINCIPAL MERIDIAN, (EXCPET RAILROAD RIGHT OF WAY), IN COOK COUNTY, ILLINOIS.

P.I.N.: 10-35-326-004-0000, 10-35-326-001-0000, 10-35-326-002-0000

LOT 2

LOT 2 OF THE SCHULMAN ADDITION TO THE VILLAGE OF LINCOLNWOOD, BEING A RESUBDIVISION OF LOTS 14, 15, AND 17 AND VACATED ALLEYS (EXCEPT THE NORTHEASTERLY 17 FEET OF SAID LOT 17, CONDEMNED FOR WIDENING LINCOLN AVENUE) IN THE JOHN PROESEL ESTATE PARTITION, BEING A SUBDIVISION OF THE SOUTN ½ OF THE SOUTHWEST ¼ OF SECTION 35, TOWNSHIP 41 NORTH, RANGE 13, EAST OF THE THRID PRINCIPAL MERIDIAN, (EXCPET RAILROAD RIGHT OF WAY), IN COOK COUNTY, ILLINOIS.

P.I.N.: 10-35-326-004-0000, 10-35-326-001-0000, 10-35-326-002-0000

**EXHIBIT C**

**PROPOSED SITE PLAN AND ENGINEERING PLAN**

# EXHIBIT D

## RENDERINGS OF THE PROPOSED DEVELOPMENT

**EXHIBIT F**

**UNCONDITIONAL AGREEMENT AND CONSENT**

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

**WHEREAS,** Bais Medrash Binyan Olam (***"Owner"***) is the record title owner of that certain property commonly and collectively known as 6530 North Lincoln Avenue, which consists of two lots of record (***"Property"***); and

**WHEREAS,** Ordinance No. 2018-_____, adopted by the Village President and Board of Trustees on _____, 2018 (***"Ordinance"***), grants special use permits and variations to the Owner in connection with the existing building and parking lots on the Property; 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 Owner has 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 Owner does hereby agree and covenant as follows:

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

2. The Owner 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 Owner acknowledges and agrees 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 the special use permit or variations 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 against damage or injury of any kind and at any time.

4. The Owner hereby agrees 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 and variations for the Property.

[SIGNATURE PAGE FOLLOWS]

Dated: _____, 2018

ATTEST: **BAIS MEDRASH BINYAN OLAM**

By: _____ _____

Return to VB Agenda

# Plan Commission Staff Report
## Case #PC-08-17
**December 6, 2017**

***Subject Property:***
***6530 North Lincoln Avenue***




**Zoning District:**
B-1, Business/Residential Transition Area

**Petitioner:**
Bais Medrash Binyan Olam,
Property Owner

**Nature of Request:** Petitioner seeks approval of subdivision of the property into two parcels, rezoning of one of the resulting parcels, and approval of Variations to allow for two distinct uses to be operated out of attached structures on the resulting parcels.

## Requested Actions:

**Subdivision:** Consolidate and resubdivide three existing parcels into two resulting parcels referred to as "Lot A" and "Lot B" for the purposes of this report with "Lot A" fronting on Lincoln Avenue and Hamlin Avenue, and "Lot B" fronting on Arthur Avenue and Hamlin Avenue.

**Subdivision Variation:** The requested subdivision requires Variation from Section 16-5-2 of the Village Code which prohibits the consolidation of more than two parcels through subdivision.

**Rezoning:** Rezone "Lot B" to M-B, Manufacturing and Business zoning district to accommodate a medical transport service and storage facility that staff classifies as a warehouse use.

**Zoning Relief for "Lot A"**

1. Variation to allow a structure with no setback in the rear yard;
2. Variation to allow a portion of the parking lot to not include a 6" curb; and
3. Special Use approval for parking in the front yard.

**Zoning Relief for "Lot B"**

1. Variation to allow a structure with no setback in the side yard;
2. Variation to allow a structure with no setback in the rear yard;
3. Variation to allow a portion of the parking lot to not include a six-inch curb; and
4. Special Use approval for parking in the front yard.

**Notification:** Notice in Lincolnwood Review dated November 14, 2017, Public Hearing Sign Installed at 6733-6735 North Lincoln Avenue, and Mailed Legal Notices Dated November 16, 2017 to Properties within 250 Feet.

## Summary of Request

Bais Medrash Binyan Olam (BMBO), Property Owner of 6530 North Lincoln Avenue, wishes to adapt the existing structure on the property for two distinct uses. The northern portion of the building (fronting on Lincoln Avenue) would house an education resource center for teachers to receive training and curriculum support, which is a permitted use in the B-1 Zoning District. The southern portion of the building (fronting on Arthur Avenue) would house a medical transport service with ambulance bays and storage that would be maintained and operated by a not-for-profit, volunteer service provider. This is not a permitted use in the B-1 Zoning District and would require subdivision of the existing lot and rezoning of the resulting southern parcel.

Historically, the building has housed a variety of different businesses, from an auto dealership to a Tribune Publications warehouse and distribution facility. However, it has been vacant for several years. Approximately three years ago, the property was purchased by a bank with the intent to tear down the structure in order to build a new bank facility. The bank proceeded through the zoning process, seeking relief necessary to permit the proposed new bank structure and was granted approval in August, 2014. As part of that approval, the property was rezoned so that the then split-zoned property, with B-1 Zoning on the front half of the property and M-B Zoning on the back half, was united under one B-1 Zoning District. However, the bank invested in a different property for their new facility, and, as a result, this property was sold to the current owner.



***Rendering of the Proposed Development***

BMBO would like to subdivide the building and the property for two specific not-for-profit users. The 1.03- acre property is currently zoned B-1, Traditional Business and is in the Business/ Residential Transition Area in the Lincoln Avenue Overlay District which is intended to promote neighborhood commercial uses and pedestrian access. B-1 commercial properties, including commercial service and office uses, are located on either side of this property along Lincoln Avenue.

## Requested Approvals

The proposed development requires the following approvals related to subdivision of the property, rezoning of one of the resulting parcels, and Variations on both of the resulting parcels:

**Property Subdivision**

The existing property is made up of three parcels that collectively make up the 1.03-acre zoning lot. In order to accommodate the medical transport service in the southern portion of the building, the property must be subdivided. The new parcel line would bisect the existing building, resulting in portions of the building on each new parcel. For the purposes of this report, "Lot A" would front on Lincoln Avenue and Hamlin Avenue, and "Lot B" would front on Arthur avenue and Hamlin Avenue.

**Subdivision Variation:** Section 16-5-2 of the Village Code states that *"no consolidation of more than two lots shall be permitted unless a Variation is granted pursuant to Article 9 of this Chapter 16."* The proposed development triggers this Variation requirement since there are currently three parcels that make up the zoning lot. Such Variation requests fall under the purview of the Plan Commission and can be considered concurrently with other requests for zoning relief.

**Rezoning:** The proposed medical transport service and storage facility in the southern portion of the existing building (located on the proposed "Lot B") would classify as a warehouse use according to the Zoning Ordinance. This use is not permitted in the B-1 Zoning District. The permissibility of this use would require a rezoning of "Lot B" to the M-B, Manufacturing and Business Zoning District.




***Existing Parcel Configuration and Zoning***

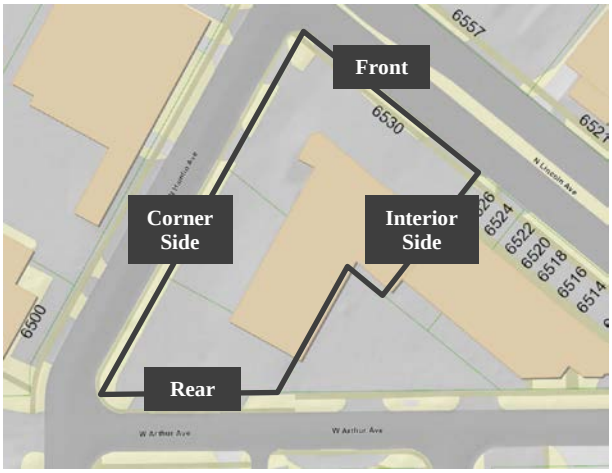


***Proposed Parcel Configuration and Zoning***

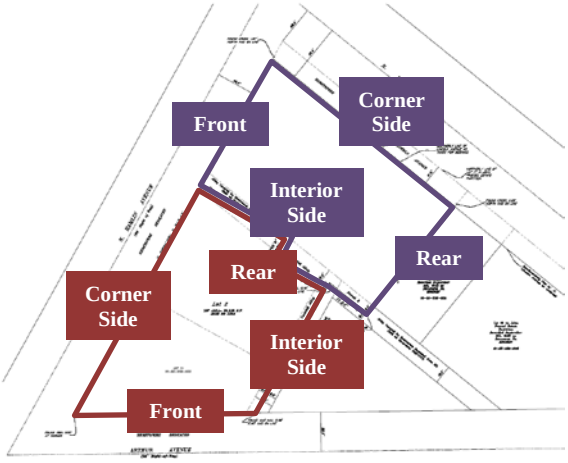
**Variations for "Lot A"**:

The subdivision of the existing zoning lot into two distinct parcels redefines which lot lines are considered the front, corner side, interior side, and rear lot lines. According to the Zoning Ordinance, front lot lines are defined as *"the lot line having the shortest length abutting a street."* while the rear lot line is defined as *"the line that most nearly qualifies as the line most distant and opposite from the front lot line."* Currently, the lot's Lincoln Avenue frontage represents the front lot line. By default, the Arthur Avenue frontage is designated as the rear lot line. However, the proposed subdivision of the lot results in the shorter lot line along a public street for "Lot A" along the Hamlin Avenue frontage. Therefore, the southeast lot line is designated as the rear lot line. The existing structure provides no setback from the new rear lot line, while Section 4.13 of the Zoning Ordinance requires a rear yard setback of ten feet in the B-1 Zoning District. (This proposed scenario, resulting from the requested

subdivision, does not qualify for legal non-conforming status since the existing structure, with its current building and lot configuration, does not include any non-conformities.)



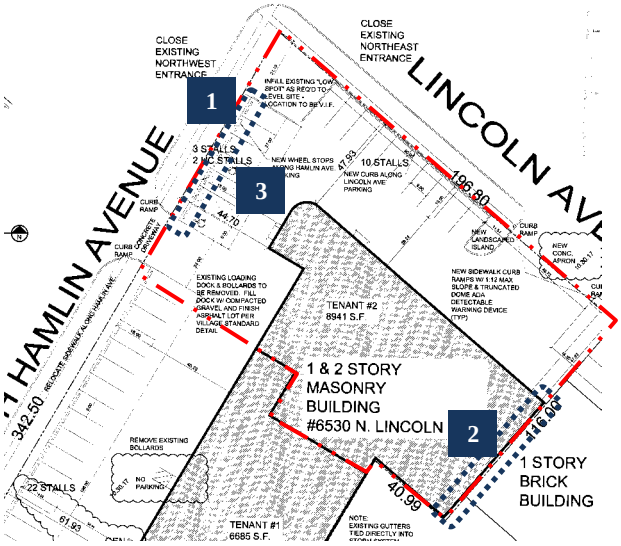

***Existing Lot Line Designations***




***Lot Line Designations Resulting from Proposed Subdivision***

The creation of new parcels and redefinition of lot lines would also result in the existing parking area being located in the new front yard of "Lot A" along Hamlin Avenue. According to Section 7.06(5) of the Zoning Ordinance, parking in the front yard of the B-1 Zoning District requires Special Use approval.

The proposed development includes parking lot landscaping along the edge of the parking area. However, the portion of the parking lot on "Lot A" along Hamlin Avenue does not include a curb. Section 6.14(1)g of the Zoning Ordinance states that *"a six-inch continuous poured-in-place concrete curb shall separate all drive and parking surfaces from landscape areas."*



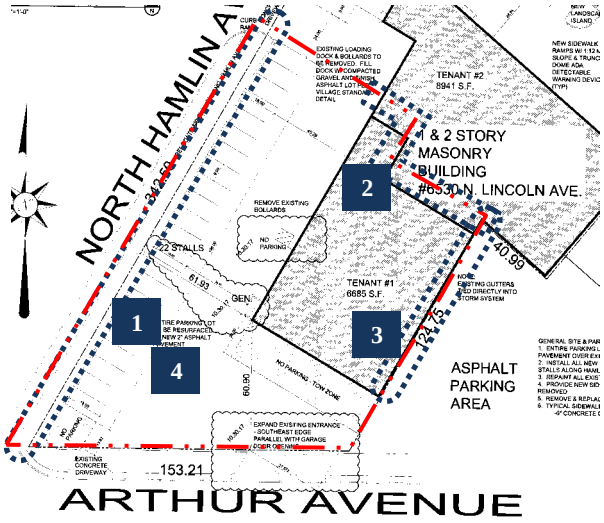

***1) Uncurbed Proposed Parking Area***
***2) Non-compliant Rear Yard Setback***
***3) Parking in the Front Yard***

**Variations for "Lot B"**:
As per Section 4.14 of the Zoning Ordinance, the rezoning of "Lot B" to the M-B Zoning District results in a required interior side yard setback of five feet along the southeast lot line. The existing building is built to the lot line.

The proposed lot line that would divide the existing property into the two resulting lots would be considered the rear lot line for "Lot B." Section 4.14 of the Zoning Ordinance establishes a minimum rear yard setback of five feet in the M-B District. However, the existing structure will be divided along this "Lot B" rear lot line, and the resulting spaces on each new lot will abut one another with no setback.

The proposed development includes parking lot landscaping along the edge of the parking area. However, the proposed design for the perimeter of the parking lot on "Lot B", fronting on Hamlin Avenue and Arthur Avenue, does not include a curb. Section 6.14(1)g of the Zoning Ordinance states that *"a six-inch continuous poured-in-place concrete curb shall separate all drive and parking surfaces from landscape areas."*

Similar to "Lot A", the redefinition of lot lines results in parking of the front yard of "Lot B." According to Section 7.06(5) of the Zoning Ordinance, parking in the front yard of the B-1 Zoning District requires Special Use approval.




***1) Uncurbed Proposed Parking Area***
***2) Non-compliant Rear Yard Setback***
***3) Non-compliant Side Yard Setback***
***4) Parking on the Front Yard***

## Planning and Zoning Considerations

**Alignment with the Comprehensive Plan**
The Comprehensive Plan suggests this parcel should redevelop with Local/Corridor commercial uses as the preferred future land use. Local/ Corridor commercial areas offer the visibility and access desired by office and commercial businesses, including professional offices. The area south and west of this property is envisioned for Light Industrial uses, including warehouses. The uses proposed are consistent with the recommended future land uses with regard to Local/Corridor commercial uses along Lincoln Avenue and light Industrial uses in the area to the south.

The Comprehensive Plan also recommends limiting vehicular access from major streets, relying on side streets and alleys for parking. The proposed site plan concept depicts the two curb cuts closest to the Lincoln/Hamlin intersection being removed to improve traffic safety.




***Existing Curb Cuts to be Removed as Part of the Proposed Redevelopment***

**Appropriateness of Rezoning**
While splitting a property and an existing building into two halves is not ideal from a zoning standpoint, it is not unusual in older commercial corridors. The proposed rezoning would not create a part of the property that is spot-zoned or an inappropriate zoning based on the surrounding uses. In

fact, this property was previously zoned B-1 along Lincoln Avenue and M-B on the rear half of the lot prior to the approved rezoning in 2014 that united the property under the B-1 Zoning District.

**Existing Nature of the Property**
While the proposed subdivision of the property and specific proposed uses for each resulting parcel require special approval and relief as noted in this report, the inherent physical or operational characteristics of the site are remaining generally the same. The only physical change to the property that would impact operations is the removal of two existing curb cuts closest to the Lincoln Avenue/ Hamlin Avenue intersection, which is seen as a benefit.

## Public Comment

The Community Development Department has received no public comment relevant to this case prior to the distribution of this staff report.

## Conclusion

Bais Medrash Binyan Olam, Property Owner. seeks approval of subdivision of the property into two parcels, rezoning of one of the resulting parcels, and approval of Variations to allow for two distinct uses to be operated out of attached structures on the resulting parcels.

**Subdivision:** Consolidate and resubdivide three existing parcels into two resulting parcels referred to "Lot A" and "Lot B" for the purposes of this report, with "Lot A" fronting on Lincoln Avenue and Hamlin Avenue, and "Lot B" fronting on Arthur avenue and Hamlin Avenue.

**Subdivision Variation:** The requested subdivision requires Variation from Section 16-5-2 of the Village Code, which prohibits the consolidation of more than two parcels through subdivision.

**Rezoning:** Rezone "Lot B" to M-B Manufacturing and Business zoning district to accommodate a medical transport service and storage facility that staff classifies as a warehouse use.

**Zoning Relief for "Lot A"**:

1. Variation to allow a structure with no setback in the rear yard;
2. Variation to allow a portion of the parking lot to not include a 6" curb; and
3. Special Use approval for parking in the front yard.

**Zoning Relief for "Lot B"**:

1. Variation to allow a structure with no setback in the side yard;
2. Variation to allow a structure with no setback in the rear yard;
3. Variation to allow a portion of the parking lot to not include a six-inch curb; and
4. Special Use approval for parking in the front yard.

## Documents Attached

1. Petitioner Applications
2. Proposed Plat of Subdivision
3. Proposed Site Plan and Engineering
4. Renderings of the Proposed Development
5. Proposed Sign Plans
6. Petitioner Letter Regarding Lights and Sirens
7. Relevant Code Sections

**MEETING MINUTES**
**OF THE**
**PLAN COMMISSION**
**DECEMBER 6, 2017 – 7:00 P.M.**

**LINCOLNWOOD VILLAGE HALL**
**COUNCIL CHAMBERS**
**6900 NORTH LINCOLN AVENUE**
**LINCOLNWOOD, ILLINOIS 60712**

**MEMBERS PRESENT:**
Chairman Mark Yohanna
Sue Auerbach
Steven Jakubowski
Adi Kohn
Henry Novoselsky
Don Sampen

**MEMBERS ABSENT:**
Anthony Pauletto

**STAFF PRESENT:**
Doug Hammel, Community Development Manager
Kathryn Kasprzyk, Community Development Coordinator

## I. Call to Order

Chairman Yohanna noted a quorum of six members and called the meeting to order at 7:05 p.m.

## II. Pledge of Allegiance

## III. Approval of Minutes

**Motion to recommend approval** of the November 1, 2017 Plan Commission Minutes was made by Commissioner Sampen and seconded by Commissioner Kohn.

**Aye: Sampen, Kohn, Auerbach, and Yohanna**
**Nay: None**
**Abstained: Jakubowski and Novoselsky**
**Motion Approved: 4-0**

## IV. Case #PC-08-17: 6530 North Lincoln Avenue – Two-Lot Resubdivision, Rezoning of One Resubdivided Lot, and Variations for Building Setbacks and Parking Lot Design

Chairman Yohanna announced Case #PC-08-17 for consideration of a request by property owner Bais Medrash Binyan Olam (BMBO) for Resubdivision for the rezoning of one of the resulting lots and amendments for both resulting lots related to building setbacks and parking lot design. Chairman Yohanna swore in the witnesses.

Development Manager Hammel presented background for the proposed development which includes the renovation and reuse for a teacher resource center at the front of the building and a medical transport service at the rear of the building. The project includes façade enhancements, new signage, parking lot resurfacing, site landscaping, and tree plantings.

Requested Regulatory Actions include: 1) Resubdivision from three existing parcels to two new parcels; 2) Rezoning of one parcel from the B-1, Traditional Business Zoning District to the M-B, Manufacturing and Business Zoning District; 3) Special Use to permit parking in the front yard of each resulting parcel; and 4) two Variations related to parking lot design and setbacks. Regarding the Special Use and Variations for Lot A, a six-inch curb is required, but they are proposing none; the ten-foot rear yard setback is not provided; and parking in the front yard requires a Special Use. Regarding the Special Use and Variations for Lot B, a six-inch curb is required, but they are proposing none; the five-foot rear yard setback is not provided; the five-foot side yard setback is not provided; and parking in the front yard requires a Special Use.

Mr. Jordan Matyas, Attorney for BMBO, which is a not-for-profit organization, spoke about the overall vision of the project. The building will be enhanced to make it more attractive. Signage will be minimal. Mr. Matyas said they were asked by the Village to match the aesthetics on the opposite side of Lincoln Avenue.

There was much discussion regarding whether or not the six-foot curb along Lincoln Avenue was required. Commissioner Jakubowski asked if the absence of the curbs would be a safety concern. Commissioner Auerbach asked about the specific hardship for not installing the curbs. Mr. Matyas reiterated the request to mirror the other side of Lincoln Avenue as their hardship.

Mr. Clifford Town, Project Architect, said that as Hatzalah Chicago is a not-for-profit and are doing more landscaping improvements than is required, installing the curbs were cost prohibitive. Commissioner Auerbach said that cost should not be a hardship standard, and granting their request could set a bad precedent. Development Manager Hammel stated that landscaping Variations were not required as they are resurfacing the parking lot, not replacing it.

Mr. Tzvi Montrose of Hatzalah Chicago, said their ambulances are currently parked at this location for storage. Their medical transport business could be operational within a year. Mr. Montrose explained their business practices whereas they augment existing ambulatory services. They receive calls directly, not through 911. Their geographical area encompasses Lincolnwood, Skokie, Peterson Park, and Rogers Park in Chicago.

Chairman Yohanna said he had reservations about taking a commercial property and turning it into a non-sales tax generating use.

Chairman Yohanna asked if there was anyone from the audience who would like to address the Plan Commission on this matter. Let the record state that no one came forward.

**Motion to recommend approval** of the Resubdivision from three existing parcels to two new parcels; Rezoning of one parcel from the B-1, Traditional Business Zoning District to the M-B, Manufacturing and Business Zoning District; Special Use to permit parking in the front yard of each resulting parcel; and Variations for Lot A and Lot B, subject to arborist approval, was made by Commissioner Sampen and seconded by Commissioner Jakubowski. Case #PC-08-17 will be heard at the December 19, 2017 Village Board meeting.

**Aye: Sampen, Jakubowski, Auerbach, Kohn, Novoselsky, and Yohanna**
**Nay: None**
**Motion Approved: 6-0**

DRAFT

## IV. Case #PC-08-17: 6530 North Lincoln Avenue – Approval of a Final Plat of Subdivision

Chairman Yohanna announced Case #PC-08-17 for consideration of a request by property owner Bais Medrash Binyan Olam (BMBO) for Resubdivision for the property commonly known as 6530 North Lincoln Avenue.

Development Manager Hammel restated comments made from the December 6, 2017 meeting to consolidate three parcels into two. The building will house a teacher resource center in the front of the building and the rear will be used as a medical transport business.

The Preliminary Plat of Subdivision was approved by the Plan Commission at the December 6, 2017 meeting and then approved by the Village Board at their December 19, 2017 meeting. Now that the Preliminary Plat of Subdivision has been approved, the Petitioner requires a Final Plat of Subdivision to be approved by the Plan Commission. If approved, the Village Board will consider all requested actions at their January 16, 2018 meeting. Minor comments from the Village Engineer included adding the building footprint and indicate existing setbacks to the Plat of Survey.

Chairman Yohanna asked if there was anyone from the audience who would like to address the Plan Commission on this matter. Let the record state that no one came forward.

**Motion to recommend approval** of a Final Plat of Subdivision for the property at 6530 North Lincoln Avenue, per the requirements of Section 16-4-5 of the Village Code, was made by Commissioner Sampen and seconded by Commissioner Kohn. Case #PC-08-17 will be heard at the January 16, 2018 Village Board meeting.

**Aye: Sampen, Kohn, Auerbach, Jakubowski, Novoselsky, and Yohanna**
**Nay: None**
**Motion Approved: 6-0**

# VILLAGE OF LINCOLNWOOD Public Hearing Application
Community Development Department **Map Amendment**

## SUBJECT PROPERTY

List all property addresses subject to the requested Map Amendment and attach a map identifying the extent of the subject property.

Property Address(es): 6530 N. Lincoln Avenue, Lincolndwood IL 60712

Permanent Real Estate Index Number(s): 10-35-326-001, 10-35-326-002 and 10-35-326-004

Current Zoning District: B1 Proposed Zoning District: MB

Lot Area: _____

Are there existing development restrictions affecting the property? ☐ Yes ☑ No

(*Examples: previous Variations, conditions, easements, covenants*) If yes, describe: _____

_____

## PETITIONER INFORMATION

Name: Bais Medrash Binyan Olam

Address: 3700 Oakton Street, Skokie, IL 60076

Telephone: (847) 675-8700 Fax: (847) 675-8704 E-mail: _____

**Property Owner(s):** *(if Different from Petitioner)*

Name: *(List all Beneficiaries if Trust)* _____

Address: _____

Telephone: (___) _____ Fax: (___) _____ E-mail: _____

## 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 severely 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: Bais Medrash Binyan Olam

Address: 3700 Oakton Street

City, State, Zip: Skokie, IL 60076

## 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

JAKE WEISS as manager of BMBD

Print Name

10/10/17

Date

**PETITIONER:** *(if Different than Property Owner)*

Signature

Print Name

Date

## REQUIRED ATTACHMENTS *

Check all Documents that are Attached:

| | |
|---|---|
| Map Amendment Standards | ✓ |
| Plat of Survey | ✓ |
| Proof of Ownership | ✓ |
| Photos of the Property | ✓ |
| PDF files of all documents | ✓ |

**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.*

## MAP AMENDMENT STANDARDS

***To be approved, the requested Map Amendment must meet certain specific standards. These standards are listed below. After each listed standard, explain how the Map Amendment satisfies the listed standard. Use additional paper if necessary.***

1. Nature of Request: Explain below why you are seeking a Map Amendment to the Zoning Map. What is it that you would like to do that requires a change in the zoning of the subject property?

   See attached.

2. What existing uses and structures are located on the subject property? How does the proposed Map Amendment impact the conforming status of the existing uses and structures?

   See attached.

3. Identify the zoning of the surrounding properties. Identify how the proposed Map Amendment is consistent with the surrounding zoning and the Comprehensive Plan.

   See attached.

4. Indicate why you believe this zoning change is needed and why it would benefit the Village.

   See attached.

# VILLAGE OF LINCOLNWOOD
## COMMUNITY DEVELOPMENT DEPARTMENT

## PUBLIC HEARING FEES AND DEPOSIT 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.

**Addendum to Public Hearing Application**
**Maps**

1. Nature of Request: Explain below why you are seeking a Map Amendment to the Zoning Map. What is it that you would like to do that requires a change in the zoning of the subject property?

**The Petitioner is simply seeking to approval to subdivide the Subject Property from a single zoned building, into two segmented portions in which two separate businesses would occupy a portion of the building. Accordingly, the Petitioner is requesting approval to partition the Subject Property through the middle of the building and seeking to rezone the back half of the Subject Property to be zoned as *M-B, Manufacturing & Business Zoning*. The parking spots associated with the Subject Property will be shared between the two businesses. Currently, the Subject Property does not provide for the requested zoning which as a result, would not allow for the Hatzalah Chicago to occupy a portion of the Subject Property. As previously advised, Hatzalah provides pre-hospital care as well as a higher level of emergency preparedness and support to the Chicagoland Jewish Community by augmenting the existing services provided by the municipalities. With that being said, the Hatzalah is of great benefit to the community – where in emergency medical situations, where every second counts, community members deserve to have access to the best possible care as effectively and efficiently as possible. Hatzalah Chicago's goal is to provide emergency medical response 24 hours a day, 7 days a week within the defined geographical boundaries of Lincolnwood, Peterson Park, Skokie, and West Rogers Park.**

2. What existing uses and structures are located on the subject property? How does the proposed Map Amendment impact the conforming status of the existing uses and structures?

**Currently, the Subject Property contains a single building which is vacant with a corresponding parking lot. At this time, neither building nor the parking lot are being used for any specific purpose. The proposed amendment does not appear to have any detrimental impact to the neighboring buildings, businesses, or the community, other than regular activity (i.e. potential traffic) as to these two businesses. Of note, as previously advised, there are no plans to make any material alterations to the building's exterior structure. Additionally, it is not expected that business activity of these two entities will negatively impact the surrounding business. The interior of the front half will be renovated and converted to office space. Lastly, the rear half of the building will remain as warehouse space for the most part with a small area to be converted to office space. Again, there is no expectation that this variation will negatively impact the neighboring businesses.**

3. Identify the zoning of the surrounding properties. Identify how the proposed Map Amendment is consistent with the surrounding zoning and the Comprehensive Plan.

**The Subject Property is located on Lincoln Avenue, north of Devon Avenue, and surrounded by Arthur Avenue and Hamlin Avenue. Accordingly, the surrounding properties are all commercial businesses. The requested/proposed amendment would be consistent with the surrounding zoning and would not negatively disrupt the Comprehensive Plan that is currently in place.**

4. Indicate why you believe this zoning change is needed and why it would benefit the Village.

**As previously set forth in our initial summary and proposal, there are several reasons why this change in zoning, with these two businesses entering the premises, would be beneficial to the Village and its members. Simply put, the property has been vacant for many years which does not allow for the Village to utilize any benefits from the Subject Property (whether utility, function, or tax revenue). To that end, the zoning change would enable two new businesses to enter into the Subject Property to provide useful services to the community, jobs, as well as revenue to the Village. Lastly, the Petitioner is committed to being an ideal steward of the community and is allocating a fair amount of resources to update and upkeep the Subject Property.**

# VILLAGE OF LINCOLNWOOD Public Hearing Application
## Community Development Department Variations

## SUBJECT PROPERTY

Property Address: 6530 N. Lincoln Avenue, Lincolnwood IL 60712

Permanent Real Estate Index Number(s): 10-35-326-001, 10-35-326-002 and 10-35-004

Zoning District: B1 Lot Area: _____

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

Are there existing development restrictions affecting the property? ☐ Yes ☑ No
(*Examples: previous Variations, conditions, easements, covenants*) If yes, describe: _____

## REQUESTED ACTION

- ☐ Variation – Residential
- ☐ Variation – Non-Residential
- ☐ Variation – Off-Street Parking
- ☐ Variation – Design Standards
- ☐ Variation – Signs/Special Signs
- ☐ Minor Variation
- ■ Other

## PROJECT DESCRIPTION

Describe the Request and Project: See Attached

## PROPERTY OWNER/PETITIONER INFORMATION

**Property Owner(s):** *(List all Beneficiaries if Trust)*

Name: Bais Medrash Binyan Olam

Address: 3700 Oakton Street

Telephone: (847- ) 675-8700 Fax: (847 ) 675-8704 E-mail: _____

**Petitioner:** *(if Different from Owner)*

Name: _____ Relationship to Property: _____

Address: _____

Telephone: (____) _____ Fax: (____) _____ E-mail: _____

## NOTICE OF REASONABLE ACCOMMODATION PROCESS

An alternate process is provided by the Village for persons with disabilities or handicaps who seek a Reasonable Accommodation from the Zoning Code regulations in order to gain equal access to housing. If you seek a Reasonable Accommodation from the Zoning Code based on disability or handicap, do not complete this application form, but rather a separate application for Reasonable Accommodation. For more information on this process, consult Section 4.06(3) of the Zoning Code, or contact the Community Development Department at 847.673.7402.

## REQUIRED ATTACHMENTS *

Check all Documents that are Attached:

| | | | |
|---|---|---|---|
| Plat of Survey | ☑ | Applicable Zoning Worksheet | ☐ |
| Site Plan | ☑ | Photos of the Property | ☑ |
| Proof of Ownership | ☑ | PDF Files of all Drawings | ☑ |
| Floor Plans | ☑ | Elevations | ☑ |

**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 severely 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: Bais Medrash Binyan Olam

Address: 3700 Oakton Street

City, State, Zip: Skokie, IL 60076

## 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 also understand that if I desire a Reasonable Accommodation from the Zoning Code based on disability or handicap, that I must complete and submit a different application for consideration and by submitting this application for a Variation, I am attesting that I am not seeking a Reasonable Accommodation. 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

Jake Weiss as mgr of BMBD

Print Name

10/10/17

Date

**PETITIONER:** *(if Different than Property Owner)*

Signature

Print Name

Date

## VARIATION STANDARDS

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

1. The requested Variation is consistent with the stated intent and purposes of the Zoning Ordinance and the Comprehensive Plan.

See Attached

2. The particular physical surroundings, shape or topographical conditions of the subject property would bring a particular hardship upon the owner, as distinguished from a mere inconvenience, if the strict letter of this Zoning Ordinance is enforced.

See Attached

3. The conditions upon which the petition for the Variation is based would not be applicable generally to other property within the same Zoning District.

See Attached

4. The Variation is not solely and exclusively for the purpose of enhancing the value of or increasing the revenue from the property.

See Attached

## VARIATION STANDARDS (Continued)

5. The alleged difficulty or hardship has not been created by any person presently having an interest in the property.

See Attached

6. The granting of the Variation will not be detrimental to the public welfare or injurious to other property or improvements in the neighborhood in which the property is located.

See Attached

7. The Variation granted is the minimum change to the Zoning Ordinance standards necessary to alleviate the practical hardship on the subject property.

See Attached

8. The proposed Variation will not impair an adequate supply of light and air to adjacent property, or substantially increase the danger of fire, or otherwise endanger the public safety, or substantially diminish or impair property values within the neighborhood.

See Attached

# VILLAGE OF LINCOLNWOOD
## COMMUNITY DEVELOPMENT DEPARTMENT

## SIGN VARIATION STANDARDS

***For all Sign Variation and/or Special Sign requests, the Applicant shall also complete Questions 9 through 12.***

9. The proposed Variation is consistent with the statement of purpose set forth in Section 11.01 of the Zoning Ordinance.

NA

10. The proposed sign complies with any additional standards or conditions set forth in Article XI of the Zoning Ordinance.

NA

11. The proposed sign will substantially enhance the architectural integrity of the building or other structure to which it will be attached, if any.

NA

12. The proposed sign conforms with the design and appearance of nearby structures and signs.

NA

# VILLAGE OF LINCOLNWOOD
## COMMUNITY DEVELOPMENT DEPARTMENT

## PUBLIC HEARING FEES AND DEPOSIT 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.

**Addendum to Public Hearing Application**
**Variations**

Describe the Request and Project: **The Petitioner is seeking to subdivide the Property through the middle of the building and rezone the rear half to M-B, Manufacturing & Business Zoning. The parking spots will be shared by the two properties.**

VARIATION STANDARDS:

1. The requested Variation is consistent with the stated intent and purposes of the Zoning Ordinance and the Comprehensive Plan.

**Correct. The Petitioner believes that this project and variation is consistent with the zoning ordinance, the current comprehensive plan as well as the prospective development in this area.**

2. The particular physical surroundings, shape or topographical conditions of the subject property would bring a particular hardship upon the owner, as distinguished from a mere inconvenience, if the strict letter of this Zoning Ordinance is enforced.

**The physical surroundings, both the environment and encompassing businesses, would not appear to be detrimentally affected, but rather to the contrary. Pursuant to the currently zoning requirements, the Hatzalah Chicago, a pre-hospital treatment and medical service, would not be authorized to operate its business at the Subject Property. As previously advised the Hatzalah provides pre-hospital care as well as a higher level of emergency preparedness and support to the Chicagoland Community by augmenting the existing services provided by the municipalities. In emergency medical situations where every second counts, community members deserve to have access to the best possible care. Hatzalah Chicago's goal is to provide emergency medical response 24 hours a day, 7 days a week within the defined geographical boundaries of Lincolnwood, Peterson Park, Skokie, and West Rogers Park.**

3. The conditions upon which the petition for the Variation is based would not be applicable generally to other property within the same Zoning District.

**The Petitioner is of the impression that the applicable zoning variation as to the Subject Property would be granted within the same Zoning District pursuant to the pertinent facts and circumstances surrounding this request. As mentioned, the requested variation would provide for constructive development in the community – particularly this zoning district.**

4. The Variation is not solely and exclusively for the purpose of enhancing the value of or increasing the revenue from the property.

**The Petitioner is a non-profit and all tenants will be non-profit organization dedicated to serving the community.**

5. The alleged difficulty or hardship has not been created by any person presently having an interest in the property.

**To the best of the Petitioner's knowledge and understanding, there will be no hardship or hindrance to the neighboring businesses or the community.**

6. The granting of the Variation will not be detrimental to the public welfare or injurious to other property or improvements in the neighborhood in which the property is located?

**Correct. The Subject Property has been vacant for many years which does not allow for the Village to utilize any benefits from the Subject Property (whether utility, function, or tax revenue). To that end, the zoning change would enable two new businesses to enter into the Subject Property to provide useful services to the community, jobs, as well as revenue to the Village. Lastly, the Petitioner is committed to being an ideal steward of the community and is allocating a fair amount of resources to update and upkeep the Subject Property.**

7. The Variation granted is the minimum change to the Zoning Ordinance standards necessary to alleviate the practical hardship on the subject property.

**To the best of the Petitioner's knowledge and understanding, that is correct.**

8. The proposed Variation will not impair an adequate supply of light and air to adjacent property, or substantially increase the danger of fire, or otherwise endanger the public safety, or substantially diminish or impair property values within the neighborhood.

**To the best of the Petitioner's knowledge and understanding, that is correct. The requested/proposed amendment would be consistent with the surrounding companies and to that regard, would not negatively disrupt or impair the adjacent businesses, environment, and/or community. To the contrary the proposed variation would enable two businesses to enter the vacant building and utilize the building to provide medical care and services to the community.**

Return to VB Agenda

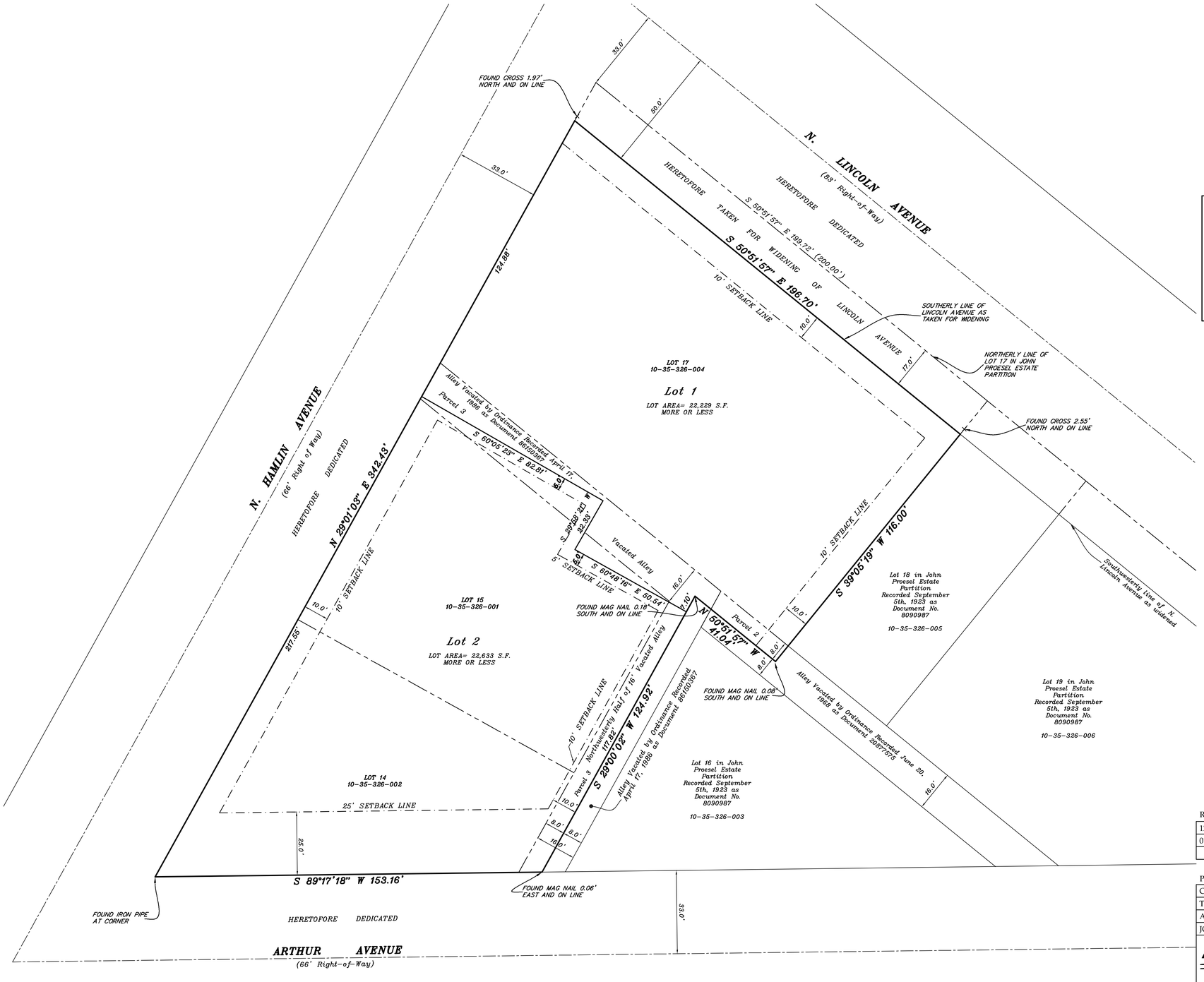


"EXHIBIT A"

FINAL PLAT OF SUBDIVISION
FOR

# SHULMAN ADDITION TO THE VILLAGE OF LINCOLNWOOD

BEING A RESUBDIVISION OF LOTS 14, 15, 17 AND VACATED ALLEYS (EXCEPT THE NORTHEASTERLY 17 FEET OF SAID LOT 17, CONDEMNED FOR WIDENING LINCOLN AVENUE) IN THE JOHN PROESEL ESTATE PARTITION, BEING A SUBDIVISION OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF SECTION 35, TOWNSHIP 41 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, (EXCEPT RAILROAD RIGHT OF WAY), IN COOK COUNTY, ILLINOIS.




N

20 10 0 20

SCALE: 1" = 20'

THIS PLAT WAS SUBMITTED TO THE COUNTY RECORDER FOR THE PURPOSES OF RECORDING BY AND RETURN TO AFTER RECORDING:

JORDAN MATYAS
(PRINT NAME)

20 W. KINZIE, 17TH FLOOR
(ADDRESS)

| CHICAGO | ILLINOIS | 60654 |
|---|---|---|
| (CITY/TOWN) | (STATE) | (ZIP CODE) |

## LINE LEGEND

- ADJACENT PROPERTY LINE (Light Solid Line)
- PROPOSED BOUNDARY LINE/ LIMITS OF PROPOSED BOUNDARY (Bold Solid Lines)
- EXISTING UNDERLYING PARCEL LINE LIMITS OF UNDERLYING PARCELS (Double Dashed Lines)

## AREA TABLE

| |
|---|
| LOT 1= 22,229 S.F. (0.510 Ac.), MORE OR LESS |
| LOT 2= 22,633 S.F. (0.520 Ac.), MORE OR LESS |
| TOTAL AREA= 44,862 S.F. (1.03 Ac.), MORE OR LESS |

## GENERAL NOTES

1. LOT 1 IS ZONED B1 – TRADITIONAL BUSINESS – BY THE VILLAGE OF LINCOLNWOOD.

BUILDING SETBACKS, PER ARTICLE IV, PART C

| | |
|---|---|
| MINIMUM FRONT SETBACK | N/A |
| MINIMUM BUILD-TO-LINE | 5 FT. BUSINESS<br>10 FT. RESIDENTIAL* |
| MINIMUM INTERIOR SIDE SETBACK | N/A |
| MINIMUM CORNER SIDE SETBACK | 10 FT. |
| MINIMUM REAR SETBACK | 10 FT. |

*PER ARTICLE VIII, PART B (SPECIAL REQUIREMENTS OF LINCOLN AVENUE OVERLAY DISTRICT)

2. LOT 2 IS ZONED M-B DISTRICT – BY THE VILLAGE OF LINCOLNWOOD.

BUILDING SETBACKS, PER ARTICLE IV, PART C

| | |
|---|---|
| MINIMUM FRONT SETBACK | 25 FT. |
| MINIMUM RESIDEN. SIDE SETBACK | 30 FT. |
| MINIMUM STREET SIDE SETBACK | 10 FT. |
| MINIMUM REAR SETBACK | 5 FT. |

3. THE SURVEYOR WAS NOT PROVIDED DOCUMENTATION REGARDING ANY UTILITY EASEMENTS.

4. CONCRETE MONUMENTS ARE UNABLE TO BE SET AT THE PROPOSED LOCATIONS DUE TO THE SURFACE CONDITIONS OF THE PAVED ASPHALT PARKING LOT.

PLAT AUTHORIZATION CERTIFICATE

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

WE, AES SERVICES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM, NUMBER 184-003052-0014, HEREBY DESIGNATE JORDAN MATYAS TO RECORD THIS PLAT OF SUBDIVISION WITH THE COOK COUNTY RECORDER OF DEEDS OR REGISTRAR OF TITLE. THIS DESIGNATION IS GRANTED UNDER THE RIGHT TO DESIGNATE SUCH RECORDING UNDER SECTION 2 OF THE ILLINOIS PLAT ACT, 765 ILLINOIS COMPILED STATUES 205/2.

GIVEN UNDER OUR HAND AND SEAL AT WEST CHICAGO, ILLINOIS. THIS 4TH DAY OF JANUARY, 2018 A.D.

CDOT# ____-____-____-_____

REVISED

| |
|---|
| 12-21-2017 - CLB - ZONING UPDATE |
| 01-04-2018 - CLB - ZONING UPDATE |
| |

PREPARED FOR

| | |
|---|---|
| CLIENT: JORDAN MATYAS | DATE: 10/13/17 |
| TYPE OF SURVEY: PLAT OF SUBDIVISION | DRAWN BY: DLB |
| ADDRESS: 6530 N. LINCOLN AVE. | SCALE: 1" = 20' |
| JOB NO.: 60117044 | PAGE: 2 OF 2 |

AES
AES SERVICES, INC.
111 S. WACKER DRIVE, SUITE 3910
CHICAGO, IL 60606
PH: 312-235-6783 EMAIL:AESSER@AESSER.COM
PROFESSIONAL DESIGN FIRM 184-003052-0014
EXPIRATION DATE: APRIL 30, 2019

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"EXHIBIT A"
FINAL PLAT OF SUBDIVISION
FOR



# SHULMAN ADDITION TO THE VILLAGE OF LINCOLNWOOD

## SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS)
SS.
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, DEAN L. BAUER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED AND SUBDIVIDED THE FOLLOWING DESCRIBED PROPERTY:

PARCEL 1:
LOTS 14, 15 AND 17 (EXCEPT THE NORTHEASTERLY 17 FEET OF SAID LOT 17, CONDEMNED FOR WIDENING LINCOLN AVENUE) IN THE JOHN PROESEL ESTATE PARTITION, BEING A SUBDIVISION OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF SECTION 35, TOWNSHIP 41 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, (EXCEPT RAILROAD RIGHT OF WAY), IN COOK COUNTY, ILLINOIS.

PARCEL 2:
THAT PART OF THE NORTHEASTERLY 1/2 OF THE NORTHWESTERLY AND SOUTHEASTERLY VACATED ALLEY LYING SOUTHWESTERLY OF LOT 17 AND SOUTHEASTERLY OF THE WEST LINE OF LOT 16 EXTENDED NORTHEASTERLY OF THE SOUTH LINE OF LOT 17, AS VACATED BY ORDINANCE RECORDED JUNE 20, 1969 AS DOCUMENT 20877575 IN JOHN PROESEL ESTATE PARTITION AFORESAID, IN COOK COUNTY, ILLINOIS.

PARCEL 3:
THAT PART OF THE NORTHEASTERLY 1/2 OF THE NORTHWESTERLY AND SOUTHEASTERLY VACATED ALLEY LYING SOUTHWESTERLY OF THE SOUTHWESTERLY LINE OF LOT 17 AND NORTHWESTERLY OF THE WEST LINE OF LOT 16 EXTENDED NORTHEASTERLY TO THE SOUTHWESTERLY LINE OF LOT 17 AND THAT PART OF THE SOUTHWESTERLY 1/2 OF THE NORTHWESTERLY AND SOUTHEASTERLY ALLEY LYING NORTH OF AND ADJOINING THE NORTHEASTERLY LINE OF LOT 15 AND THAT PART OF THE NORTHWESTERLY 1/2 OF THE NORTHEASTERLY AND SOUTHWESTERLY VACATED ALLEY LYING SOUTHEASTERLY OF THE SOUTHEASTERLY LINE OF LOTS 14 AND 15 AND SOUTHEASTERLY OF THE SOUTHEASTERLY LINE OF LOT 15 EXTENDED NORTH, 8 FEET MORE OR LESS; AS VACATED BY ORDINANCE RECORDED APRIL 17, 1986 AS DOCUMENT 86150367, ALL IN JOHN PROESEL ESTATE PARTITION AFORESAID, IN COOK COUNTY, ILLINOIS.

CONTAINING 44,862 S.F (1.03 Ac.), MORE OR LESS.

THE PLAT HEREON DRAWN IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY. DIMENSIONS ARE SHOWN IN FEET AND DECIMAL PARTS THEREOF.

A PRELIMINARY TITLE COMMITMENT WAS NOT FURNISHED TO AES SERVICES, INC. FOR THE USE IN PREPARATION OF THIS SURVEY. THEREFORE, THERE MAY BE ADDITIONAL EASEMENTS AND/OR SERVITUDES AFFECTING THIS PROPERTY WHICH ARE NOT SHOWN HEREON.

I FURTHER CERTIFY THAT THE PROPERTY SHOWN ON THE PLAT HEREON DRAWN IS SITUATED WITHIN THE CORPORATE LIMITS OF THE VILLAGE OF LINCOLNWOOD WHICH HAS ADOPTED A COMPREHENSIVE PLAN AND WHICH IS EXERCISING THE SPECIAL POWERS AUTHORIZED BY DIVISION 12 OF ARTICLE 11 OF ILLINOIS MUNICIPAL CODE AS HERETOFORE AND HEREAFTER AMENDED AND THAT BASED UPON A REVIEW OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 17031C0401J, PANEL NO. 401 WITH AN EFFECTIVE DATE OF AUGUST 19, 2008 IT IS MY OPINION THAT OF SAID PROPERTY PLATTED HEREON IS LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA FLOOD ZONE X AS IDENTIFIED BY SAID FEMA MAP, AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN.

GIVEN UNDER MY HAND AND SEAL THIS 12TH DAY OF OCTOBER, A.D., 2017.

_____
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003060
MY REGISTRATION EXPIRES ON NOVEMBER 30, 2018

## OWNER'S AND SCHOOL DISTRICT CERTIFICATE

STATE OF ILLINOIS)
SS.
COUNTY OF _____)

THIS IS TO CERTIFY THAT _____ IS THE RECORD OWNER OF THE PROPERTY DESCRIBED HEREON, AND THAT AS SAID RECORD OWNER IT CONSENTS TO THE SUBDIVISION OF SAID PROPERTY, THE VARIOUS DEDICATIONS, GRANTS AND RESERVATIONS OF EASEMENTS AND RIGHT-OF-WAY SHOWN HEREON.

ALSO, THIS IS TO CERTIFY THAT THE PROPERTY BEING SUBDIVIDED AFORESAID AND, TO THE BEST OF THE OWNERS KNOWLEDGE AND BELIEF, SAID SUBDIVISION LIES ENTIRELY WITHIN THE LIMITS OF SCHOOL DISTRICT(S) _____.

DATED AT _____, ILLINOIS, THIS _____ DAY OF _____, A.D., 20___.

BY: _____ ATTEST: _____
SIGNATURE SIGNATURE

TITLE: _____ TITLE: _____

## NOTARY'S CERTIFICATE

STATE OF ILLINOIS)
SS.
COUNTY OF _____)

I, _____, A NOTARY PUBLIC IN AND FOR SAID COUNTY, IN THE STATE AFORESAID, DO HEREBY CERTIFY THAT _____, _____ AND _____, _____ ARE PERSONALLY KNOWN TO ME TO BE THE SAME PERSONS, WHOSE NAMES ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT, AS OWNERS, APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THAT THEY SIGNED AND DELIVERED THE SAID INSTRUMENT AS THEIR OWN FREE AND VOLUNTARY ACTS, FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS _____ DAY OF _____, A.D., 20____.

_____
NOTARY PUBLIC

MY COMMISSION EXPIRES _____

## MORTGAGEE'S CERTIFICATE

STATE OF ILLINOIS)
SS.
COUNTY OF _____)

THIS IS TO CERTIFY THAT _____, AS MORTGAGEE UNDER THE MORTGAGE RECORDED AS DOCUMENT NUMBER _____, DATED _____, HEREBY CONSENTS TO RECORDING OF THE PLAT AS HEREON SHOWN.

DATED AT _____, ILLINOIS, THIS _____ DAY OF _____, A.D., 20___.

BY: _____ ATTEST: _____

TITLE: _____ TITLE: _____

## NOTARY'S CERTIFICATE

STATE OF ILLINOIS)
SS.
COUNTY OF _____)

I, _____, A NOTARY PUBLIC IN AND FOR SAID COUNTY, IN THE STATE AFORESAID, DO HEREBY CERTIFY THAT _____, _____ AND _____, _____ ARE PERSONALLY KNOWN TO ME TO BE THE SAME PERSONS, WHOSE NAMES ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT, AS OWNERS, APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THAT THEY SIGNED AND DELIVERED THE SAID INSTRUMENT AS THEIR OWN FREE AND VOLUNTARY ACTS, FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS _____ DAY OF _____, A.D., 20____.

_____
NOTARY PUBLIC

MY COMMISSION EXPIRES _____

## DIRECTOR OF PUBLIC WORKS CERTIFICATE

STATE OF ILLINOIS)
SS.
COUNTY OF _____)

I, _____, DO HEREBY CERTIFY THAT THE REQUIRED IMPROVEMENTS HAVE BEEN INSTALLED, OR THE REQUIRED GUARANTEE BOND HAS BEEN POSTED FOR THE COMPLETION OF ALL REQUIRED LAND IMPROVEMENTS.
DATED AT _____, ILLINOIS, THIS _____ DAY OF _____, A.D., 20__.

_____
DIRECTOR OF PUBLIC WORKS, VILLAGE OF LINCOLNWOOD, IL

## VILLAGE OF LINCOLNWOOD CERTIFICATE

STATE OF ILLINOIS)
SS.
COUNTY OF _____)

ACCEPTED AND APPROVED BY THE BOARD OF TRUSTEE'S OF THE VILLAGE OF LINCOLNWOOD, COOK COUNTY, ILLINOIS, THIS _____ DAY OF _____, A.D., 20__.

_____
(VILLAGE PRESIDENT)

_____
(VILLAGE CLERK)

## VILLAGE PLAN COMMISSION

STATE OF ILLINOIS)
SS.
COUNTY OF COOK)

APPROVED BY THE PLAN COMMISSION OF THE VILLAGE OF LINCOLNWOOD, COOK COUNTY, ILLINOIS THIS ___ DAY, OF _____, 20___.

_____
CHAIRMAN

ATTEST: _____
CHAIRMAN

## VILLAGE ENGINEER

STATE OF ILLINOIS)
SS.
COUNTY OF COOK)

APPROVED BY THE THE VILLAGE ENGINEER OF THE VILLAGE OF LINCOLNWOOD, COOK COUNTY, ILLINOIS THIS ___ DAY, OF _____, 20___.

_____
VILLAGE ENGINEER

VILLAGE OF LINCOLNWOOD
DEPARTMENT OF FINANCE

CDOT

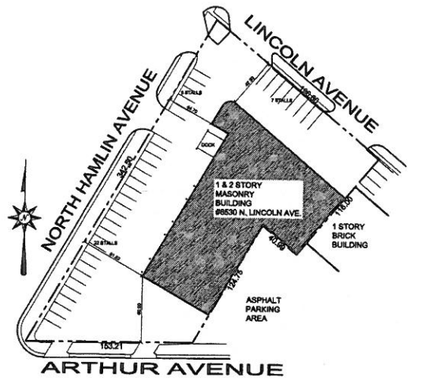
COOK COUNTY CLERK

PREPARED FOR

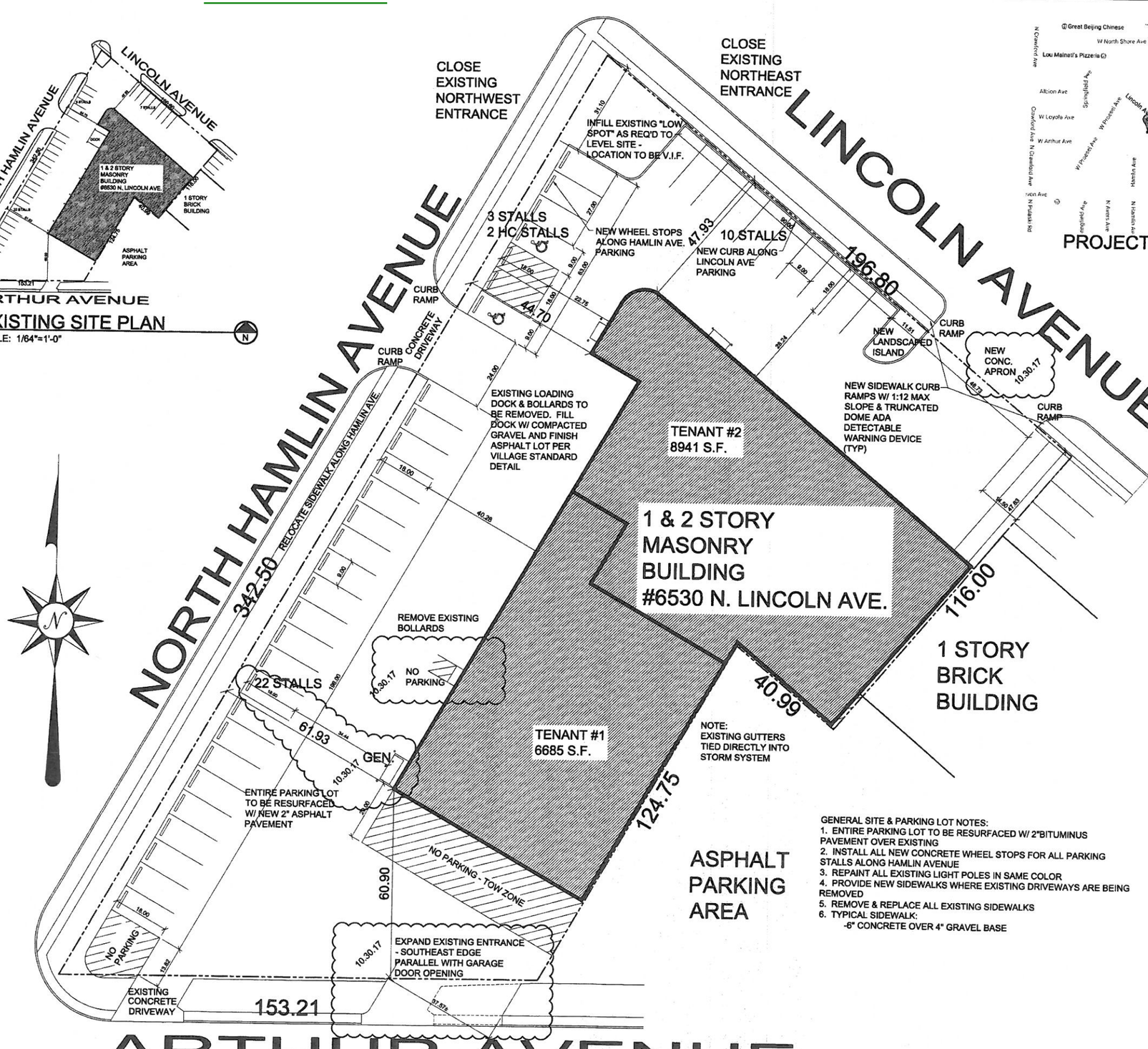
| | |
|---|---|
| CLIENT: JORDAN MATYAS | DATE: 10/13/17 |
| TYPE OF SURVEY: PLAT OF SUBDIVISION | DRAWN BY: DLB |
| ADDRESS: 6530 N. LINCOLN AVE. | SCALE: 1" = 20' |
| JOB NO.: 60117044 | PAGE: 2 OF 2 |

AES
AESSER.COM
AES SERVICES, INC.
111 S. WACKER DRIVE, SUITE 3910
CHICAGO, IL 60606
PH: 312-235-6783 EMAIL:AESSER@AESSER.COM
PROFESSIONAL DESIGN FIRM 184-003052-0014
EXPIRATION DATE: APRIL 30, 2019

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01 EXISTING SITE PLAN
SCALE: 1/64"=1'-0"




02 PROPOSED SITE PLAN
SCALE: 1/16"=1'-0"




**SHEET INDEX**


A1 EXISTING SITE PLAN
PROPOSED SITE PLAN
PROJECT LOCATION
A2 FIRST FLOOR DEMOLITION PLAN
SECOND FLOOR DEMOLITION PLAN
NORTHEAST (LINCOLN AVE) ELEVATION – EXISTING & DEMO
NORTHWEST (HAMLIN AVE) ELEVATION – EXISTING & DEMO
SOUTHWEST (ARTHUR AVE) ELEVATION – EXISTING & DEMO
SOUTHEAST ELEVATION – EXISTING & DEMO
A3 PROPOSED FIRST FLOOR PLAN
PROPOSED SECOND FLOOR PLAN
DOOR SCHEDULE
WINDOW SCHEDULE
STEEL LINTEL SCHEDULE
STEEL COLUMN SCHEDULE
A4 TYPICAL WALL ASSEMBLIES
TYPICAL ROOF/CEILING ASSEMBLIES
IHR WALL PENETRATION DETAIL
ADA BREAKROOM SINK DETAIL
ADA BATH DETAILS
BOLLARD DETAIL
RESTROOM NOTES
GENERAL ACCESSIBILITY NOTES
A5 PROPOSED NORTHEAST (LINCOLN AVE) ELEVATION
PROPOSED NORTHWEST (HAMLIN AVE) ELEVATION
PROPOSED SOUTHWEST (ARTHUR AVE) ELEVATION
PROPOSED SOUTHEAST ELEVATION


**APPLICABLE CODES**

2009 INTERNATIONAL BUILDING CODE
2009 INTERNATIONAL RESIDENTIAL CODE
2009 INTERNATIONAL FIRE CODE
2011 NATIONAL ELECTRICAL CODE
2009 INTERNATIONAL MECHANICAL CODE
2009 INTERNATIONAL PROPERTY MAINTENANCE CODE
2009 INTERNATIONAL FUEL GAS CODE
2015 INTERNATIONAL ENERGY CONSERVATION CODE
ILLINOIS PLUMBING CODE, CURRENT EDITION

**BUILDING DATA**

ZONING DATA:
EXISTING B1 – TRADITIONAL BUSINESS

OCCUPANCY DATA (MULTI-TENANT BUILDING):
BUSINESS GROUP B (11106sf @ 100 = 112 OCCUPANTS)
EDUCATIONAL GROUP E (CLASSROOM = 1198sf @ 20 = 60 OCCUPANTS)
LOW HAZARD STORAGE GROUP S-2 (6067sf @ 200 = 31 OCCUPANTS)
TOTAL OCCUPANCY = 203 PERSONS

CONSTRUCTION DATA:
EXISTING TYPE 1B

AREA OF BUILDOUT:
18207sf (MEASURED TO OUTSIDE OF EXTERIOR WALLS)

**GENERAL NOTES**

1. CONTRACTOR SHALL PROCEED WITH THE UNDERSTANDING AND AGREEMENT THAT A SATISFACTORY JOB IS OBTAINABLE WITH THE INFORMATION AS PROVIDED. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DIMENSIONAL ACCURACY. ALL DIFFERENCES IN ANTICIPATED DIMENSIONS OR CONDITIONS SHALL BE IMMEDIATELY SUBMITTED IN WRITING TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OR CONTINUATION OF WORK OR THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SAME. ANY DEVIATION FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN CONSENT OF ARCHITECT SHALL BE HIS RESPONSIBILITY OF OWNER AND SHALL NULLIFY AND VOID ANY ARCHITECTURAL CONDITION.
2. THE CONTRACTOR SHALL VERIFY THE DIMENSIONS OF EXISTING CONSTRUCTION IN THE FIELD. PLANS OF NEW AND EXISTING CONSTRUCTION SHALL NOT BE SCALED. DUE TO THE NATURE OF CONSTRUCTION, THE WRITTEN DIMENSIONS DEPICTED MAY VARY SLIGHTLY FROM ACTUAL CONDITIONS. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO MAKE ALL FINAL MEASUREMENTS AND FIELD ADJUSTMENTS PRIOR TO ORDERING MATERIALS AND COORDINATING LABOR.
3. DUE TO THE NATURE OF CONSTRUCTION, THESE DRAWINGS MAY NOT DEPICT EVERY PIECE OF MATERIAL AND ALL LABOR REQUIRED FOR CONSTRUCTION. THE GENERAL CONTRACTOR IS TO PROVIDE AN ALLOWANCE OR CONTINGENCY FUND TO COVER SUCH UNFORESEEN CONDITIONS OR PLAN MISINTERPRETATIONS. BY PROCEEDING WITH CONSTRUCTION, THE GENERAL CONTRACTOR/BUILDER/SUB-CONTRACTOR AGREE AND ARE SATISFIED WITH THESE PLANS AS BEING ADEQUATE TO CONSTRUCT THE PROJECT AS INTENDED.
4. THE CONTRACTOR SHALL SUBMIT WRITTEN NOTICE TO THE ARCHITECT AND OWNER IF DISCREPANCIES EXIST.
5. BEFORE SUBMITTING PROPOSALS FOR THIS WORK, EACH BIDDER WILL BE HELD TO HAVE EXAMINED THE BUILDING SITE AND SATISFIED HIMSELF/HERSELF AS TO THE EXISTING CONDITIONS UNDER WHICH THEY WILL BE OBLIGED TO OPERATE IN PERFORMING THEIR PART OF THE WORK, OR THAT IN ANY MANNER AFFECT THE WORK UNDER CONTRACT.
6. ALL FEDERAL AND ILLINOIS HEALTH AND SAFETY ACTS SHALL BE INCORPORATED INTO THE GENERAL SPECIFICATIONS. ANY CONTRACTOR OR EMPLOYEE THEREOF REFUSING TO COMPLY WITH THE SAFETY STANDARDS SET FORTH IN THE ACTS SHALL BE DISMISSED FROM THE JOB SITE. ANY FINES LEVIED BY THE STATE OR FEDERAL OSHA OFFICERS SHALL BE PAID BY THE SUBCONTRACTOR.
7. FURNISH ALL LABOR, MATERIALS, TOOLS, INSURANCE AND PERMITS NECESSARY TO COMPLETE THE WORK AS SHOWN AND AS REASONABLY IMPLIED BY THE DRAWINGS, SPECIFICATIONS, NOTES AND REQUIRED BY ANY CODE WITH JURISDICTION TO COMPLETE THEIR SCOPE OF WORK FOR A COMPLETE AND PROPERLY FINISHED JOB.
8. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS ALWAYS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
9. EACH SUBCONTRACTOR IS RESPONSIBLE FOR THE ACTION AND SUPERVISION OF HIS/HER EMPLOYEE, AS WELLS AS THE QUALITY AND SAFETY OF LADDERS, SCAFFOLDS, AND ANY CONSTRUCTION TOOLS OR TO HAVE MEDICAL/WORKER'S COMPENSATION AND LIABILITY COVERAGE UNDER THE INSURANCE POLICIES OF THEIR EMPLOYERS.
10. THE PROPERTY OWNER, GENERAL CONTRACTOR, AND SUB-CONTRACTORS UNDERSTAND AND AGREE THAT THE ARCHITECT IS NOT TO PROVIDE ANY SITE SUPERVISION OR SITE VISITATION. THE OWNER, GENERAL CONTRACTOR, AND SUB-CONTRACTORS ARE SOLELY RESPONSIBLE FOR SITE CONDITIONS, CONSTRUCTION PROCEDURES, AND SCHEDULING AND MATERIAL INSTALLATION AT THIS JOB.
11. EACH SUBCONTRACTOR SHALL IMMEDIATELY NOTIFY THE GENERAL CONTRACTOR AND PROPERTY OWNER OF ANY PERCEIVED HAZARD TO LIFE, HEALTH OR PROPERTY (OR ANY POTENTIALLY DANGEROUS SITUATION) WHICH MAY DEVELOP DURING THE COURSE OF CONSTRUCTION. WORK SHALL BE HALTED UNTIL SUCH HAZARDS ARE ELIMINATED.
12. ALL MATERIALS AND PRODUCTS ARE TO BE INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS FOR COMPARABLE EXISTING CONDITIONS. CONTRACTOR IS TO MAKE HIMSELF FAMILIAR WITH THE EXISTING CONDITIONS AND THE MATERIALS AND INSTALLATION METHODS AND PRECAUTIONS BEFORE COMMENCING WORK.
13. GENERAL CONTRACTOR SHALL PROTECT ADJACENT AREAS AND PROPERTIES NOT IN CONTRACT.
14. EACH CONTRACTOR OR SUBCONTRACTOR IN SIGNING THIOR CONTRACT GUARANTEES THEIR WORK FOR A PERIOD OF 1 YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION AND SHALL LEAVE THE WORK IN PERFECT ORDER UPON COMPLETION. NEITHER THE FINAL CERTIFICATE OF PAYMENT NOR ANY PROVISION IN THE CONTRACT DOCUMENTS SHALL RELIEVE THE CONTRACTOR OR SUB-CONTRACTOR OF THE RESPONSIBILITY FOR NEGLIGENCE, FAULTY MATERIALS, OR WORKMANSHIP, WITHIN THE EXTENT AND PERIOD PROVIDED BY LAW.
15. THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS ARE TO SUPPLY THE OWNER WITH CERTIFICATES OF INSURANCE PRIOR TO CONSTRUCTION.
16. GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING WITH OWNER THE INSTALLATION REQUIREMENTS OF ALL FURNISHED ITEMS.
17. ALL EQUIPMENT AND APPLIANCES, INCLUDING THE AIR CONDITIONER, WATER HEATER AND FURNACE, SHALL BE INSTALLED IN ACCORDANCE WITH THEIR LISTINGS AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. A COPY OF THE MANUFACTURER'S INSTALLATION INSTRUCTIONS MUST BE PROVIDED ON SITE FOR EACH INSPECTION.
18. THE VILLAGE INSPECTOR MUST INSPECT ALL CONCRETE BEFORE IT IS POURED. ALL REQUIRED REBAR SHALL BE SUPPORTED AND SECURED IN PLACE PRIOR TO THE INSPECTION. "MUCKING IN" OF REBAR IS NOT PERMITTED.
19. ALL EQUIPMENT ROOF CURBS TO BE INSULATED TO R-5 MIN.

**PROFESSIONAL SEAL**

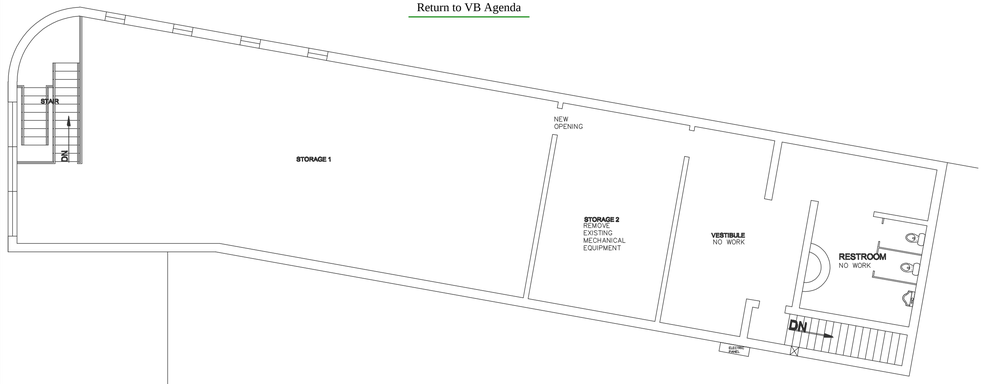
GENERAL SITE & PARKING LOT NOTES:
1. ENTIRE PARKING LOT TO BE RESURFACED W/ 2"BITUMINUS PAVEMENT OVER EXISTING
2. INSTALL ALL NEW CONCRETE WHEEL STOPS FOR ALL PARKING STALLS ALONG HAMLIN AVENUE
3. REPAINT ALL EXISTING LIGHT POLES IN SAME COLOR
4. PROVIDE NEW SIDEWALKS WHERE EXISTING DRIVEWAYS ARE BEING REMOVED
5. REMOVE & REPLACE ALL EXISTING SIDEWALKS
6. TYPICAL SIDEWALK:
   -6" CONCRETE OVER 4" GRAVEL BASE

| DATE: | SHEET NO. |
|---|---|
| 03.10.17 | A-1 |
| 05.15.17 | |
| 06.15.17 | |
| 06.20.17 | |
| 08.02.17 | |
| 08.07.17 V2 | |

**PROJECT:**
INTERIOR & EXTERIOR RENOVATIONS TO:
6530 N. LINCOLN AVE
LINCOLNWOOD, ILLINOIS


**TOWN STUDIOS, INC.**
TOWN STUDIOS, INC.
1297 SHERMER ROAD NORTHBROOK, IL 60062
PHONE: 847-498-0900
WWW.TOWNSTUDIOS.COM

Return to VB Agenda

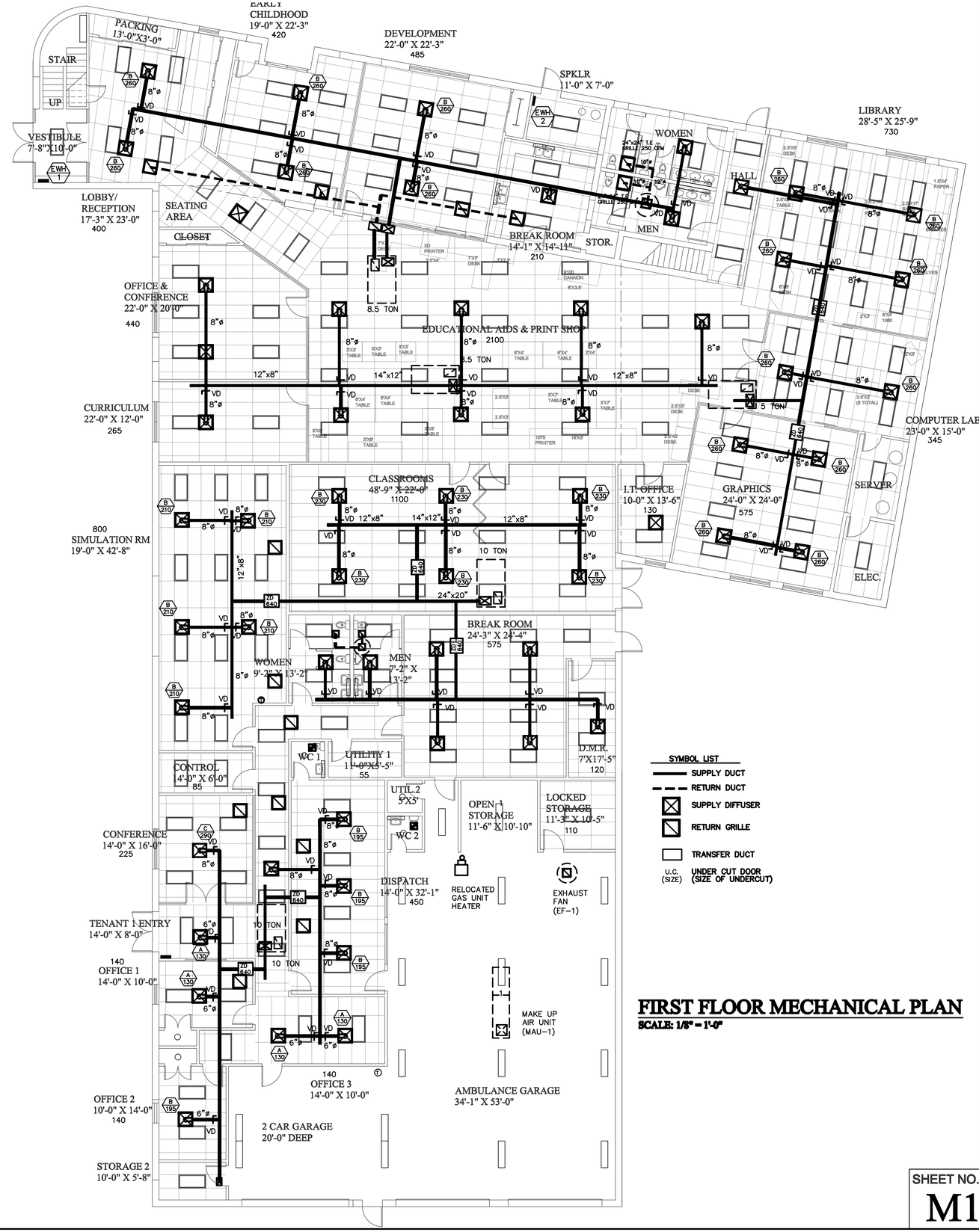



## SECOND FLOOR MECHANICAL PLAN

**SCALE: 1/8" = 1'-0"**

## MECHANICAL GENERAL NOTES

1. FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED FOR THE COMPLETION AND OPERATION OF ALL SYSTEMS IN THIS SECTION OF WORK IN ACCORDANCE WITH ALL
2. MAXIMUM FLEXIBLE DUCT LENGTH SHALL BE 5'-0" ALL FLEXIBLE DUCT SHALL CONFORM TO THE REQUIREMENTS OF U.L. 181 FOR CLASS 1 FLEXIBLE AIR DUCTS. SUPPORT TO ELIMINATE SAGGING AND KINKING.
3. ALL MECHANICAL EQUIPMENT TO BE INSTALLED PER MANUFACTURES REQUIREMENTS AS SHOWN. UTILIZE FACTORY FILTERS DURING CONSTRUCTION AND REPLACE WITH REPLACEABLE MEDIA IN METAL FILTER FRAME JUST PRIOR TO TEST AND BALANCE AND AT TIME OF TURN OVER. COORDINATE WITH GENERAL CONTRACTOR.
4. DO NOT SCALE THE DRAWINGS, SEE ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLANS FOR EXACT LOCATION OF DOORS, WINDOWS, CEILING DIFFUSERS, ETC.
5. ALL PIPING, DUCTS, VENTS, ETC. EXTENDING THROUGH WALLS AND ROOF SHALL BE FLASHED, COUNTER FLASHED IN A WATERPROOF MANNER WITH LEAD ROOF JACK.
6. ALL DUCTWORK INSULATION SHALL BE RUN CONTINUOUSLY THROUGH FLOORS, PARTITIONS.
7. ALL PIPING AND DUCTWORK LOCATIONS SHALL BE COORDINATED WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS, TO AVOID INTERFERENCE. COORDINATE WITH ALL OTHER TRADES PRIOR TO PURCHASING OR INSTALLING EQUIPMENT AND MATERIALS.
8. CONTRACTOR SHALL VISIT THE JOB SITE AND BE FAMILIAR WITH ALL PROJECT CONDITIONS PRIOR TO FABRICATING AND EQUIPMENT, DUCTWORK, ETC. NO ALLOWANCES WILL BE MADE FOR CONTRACTOR UNFAMILIAR WITH PROJECT CONDITIONS.
9. ROOF CURBS SHALL HAVE A BASE THAT FITS SLOPE OF ROOF AS REQUIRED. TOP OF EQUIPMENT CURBS SHALL BE LEVEL. CURB BY EQUIPMENT MANUFACTURER.
10. MECHANICAL CONTRACTOR SHALL BALANCE SYSTEM TO WITHIN 10% OF AIR QUANTITIES INDICATED ON PLANS AND PROVIDE OWNERS REPRESENTATIVE WITH COMPLETE BALANCE REPORT.
11. ALL SQUARE ELBOWS SHALL HAVE AIRFOIL TYPE TURNING VANES.
12. SUPPLY AND RETURN DUCT SIZES ARE FREE AIR OPENING SIZES. MECHANICAL CONTRACTOR MAY SUBSTITUTE ROUND FOR RECTANGULAR AND/OR RECTANGULAR FOR ROUND AS LONG AS FREE AIR OPENING SIZE IS MAINTAINED.
13. ALL EXPOSED DUCTWORK IN AREAS WITH NO CEILING SHALL BE SPRIAL DUCT.




**SYMBOL LIST**

- SUPPLY DUCT
- RETURN DUCT
- SUPPLY DIFFUSER
- RETURN GRILLE
- TRANSFER DUCT
- U.C. (SIZE) UNDER CUT DOOR (SIZE OF UNDERCUT)

## FIRST FLOOR MECHANICAL PLAN

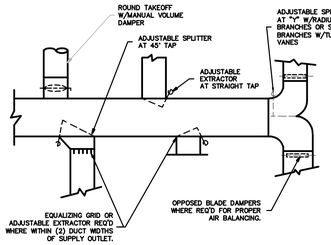
**SCALE: 1/8" = 1'-0"**

DATE: 03.10.17

PROJECT:
INTERIOR & EXTERIOR RENOVATIONS TO:
6530 N. LINCOLN AVE
LINCOLNWOOD, ILLINOIS

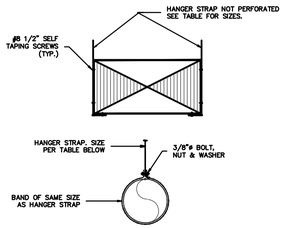
TOWN STUDIOS, INC.
PHONE: 847-498-0900
WWW.TOWNSTUDIOS.COM
TOWN STUDIOS, INC.
1297 SHERMER ROAD NORTHBROOK, IL 60062

SHEET NO.
M1



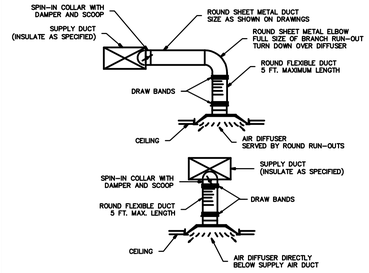

NOTE:
OPPOSED BLADE DAMPERS MAY BE USED IN LIEU OF SPLITTERS AT 45° TAPS OR RADIUSED TAKEOFFS.
EXTRACTORS ARE REQ'D AT STRAIGHT TAPS.

1 TYPICAL DUCT CONNECTIONS

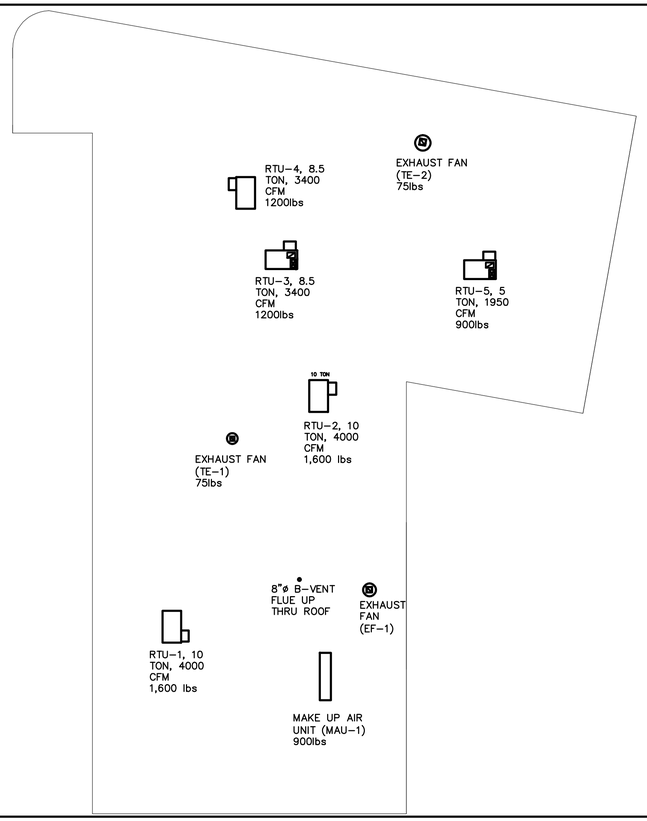



| DUCT SIZE | STRAP SIZE | HANGER SPACING |
|---|---|---|
| 4 S.F. OR LESS | 1-1/2"x1/16" | 8'-0" |
| 4 S.F. TO 10 S.F. | 1-1/2"x1/8" | 6'-0" |
| OVER 10 S.F. | 1-1/2"x1/8" | 4'-0" |

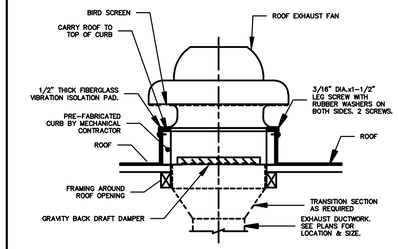
2 DUCT SUPPORTS




3 CEILING SUPPLY AIR CONNECTION

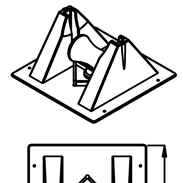



13 ROOF PLAN SCALE - 1/16"=1'-0"



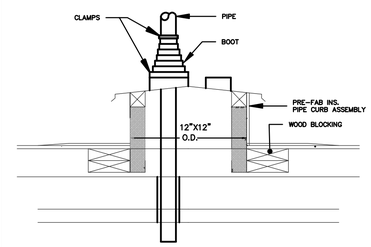

NOTE:
TOP OF CURB MUST BE LEVELED.
SHIM BOTTOM OF CURB AS REQUIRED.

4 EXHAUST FAN ON ROOF




GAS PIPE ROOF SUPPORT BY MICRO INDUSTRIES 3-R PIPESUPPORT

5 GAS PIPE ROOF SUPPORT




6 ROOF PIPE PENETRATION

**GRILLE AND DIFFUSER SCHEDULE**

SUPPLY CEILING DIFFUSERS (BASED ON TITUS "TMS")

| DRAWING SYMBOL | NECK SIZE | CFM RANGE | PANEL FACE SIZE | DAMPER TYPE |
|---|---|---|---|---|
| A | 6" DIA. | 50 TO 150 | 12" X 12" | OPPOSED BLADE |
| B | 8" DIA. | 151 TO 280 | 24" X 24" | OPPOSED BLADE |
| C | 10" DIA. | 281 TO 430 | 24" X 24" | OPPOSED BLADE |
| D | 12" DIA. | 431 TO 550 | 24" X 24" | OPPOSED BLADE |
| E | 14" DIA. | 551 TO 850 | 24" X 24" | OPPOSED BLADE |

CEILING RETURN AND TRANSFER GRILLES

| | PANEL SIZE | USEAGE | TYPE | MANUFACTURER |
|---|---|---|---|---|
| F | 24"x24" | RETURN | EGG CRATE | TITUS 50-F |
| G | 12"x24" | RETURN | EGG CRATE | TITUS 50-F |
| H | 12"x24" | RETURN | EGG CRATE | TITUS 50-F |

APPROVED EQUAL MANUFACURERS: TITUS, METALAIRE, KRUGER OR CARNES. ALL UNIT MUST BE SUITABLE TO FIT INTO A 24" X 24" LAY-IN CEILING.

LEGEND C/335 SYMBOL THAT DESIGNATES NECK SIZE / CFM REQUIREMENT FOR SUPPLY DIFFUSER

**EXHAUST FAN SCHEDULE**

| UNIT | AREA SERVED | CFM. | S.P. | MOTOR WATTS/HP | MOTOR VOLTS/PH. | RPM | TYPE | MAKE AND MODEL | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| TE-1 | TOILET ROOM | 125 | 0.25 | 113 watts | 120V/1ø | 1400 | CEILING EXHAUSTS | "GREENHECK" SP-A190 | |
| TE-2 | TOILET ROOM | 125 | 0.25 | 113 watts | 120V/1ø | 1400 | CEILING EXHAUSTS | "GREENHECK" SP-A190 | |
| EF-1 | GARAGE | 3000 | 0.25 | 3/4 HP | 120V/1ø | 1725 | ROOF MOUNTED | "COOK" ACE-B 150CBB | COMPLETE WITH ROOF CURB, BACKDRAFT DAMPER DISCONNECT SWITCH. |

**GAS CONNECTED LOAD**

| EQUIPMENT | TOTAL CONNECT BTU'S |
|---|---|
| ROOF TOP UNIT #1 | 160,000 |
| ROOF TOP UNIT #2 | 115,000 |
| ROOF TOP UNIT #3 | 115,000 |
| ROOF TOP UNIT #4 | 115,000 |
| ROOF TOP UNIT #5 | 115,000 |
| MAKE UP AIR | 261,000 |
| HOT WATER HEATER | 60,000 |
| GAS UNIT HEATER | 150,000 |
| TOTAL CONNECTED LOAD | 1,056,000 |

**ELECTRIC UNIT HEATERS SCHEDULE**

| TAG | AREA SERVED | TYPE | BASED ON MFGR | MODEL NO. | C.F.M. | M.B.H. | ELECTRICAL DATA kw INPUT | ELECTRICAL DATA VOLTS/PH. | CONTROL | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| EWH-1 | SEE PLAN | WALL MOUNTED GRILLE RECESS | MARKEL | G-3454 | 250 | | 4kw | 230V/1ø | SEE NOTES | SEE NOTES BELOW |

NOTES
1. PROVIDE BUILT-IN THERMOSTAT AND CIRCUIT BREAKER U.L. LISTED, MOUNTED DISCONNECT SWITCH, 1" THROW-AWAY FILTERS.

**PACKAGED ROOFTOP HEATING AND AIR CONDITIONING UNIT SCHEDULE**

| TAG | CFM | O.A CFM | E.S.P. IN H 2 O | COOLING COIL MBH SENS. | COOLING COIL MBH TOTAL | COOLING COIL EAT DB | COOLING COIL EAT WB | COOLING COIL LAT DB | COOLING COIL LAT WB | INDIRECT-FIRED HEATING EAT | INDIRECT-FIRED HEATING MIN. LAT | INDIRECT-FIRED HEATING MBH INPUT | INDIRECT-FIRED HEATING MBH OUTPUT | ELECTRICAL DATA VOLTS/PH. | ELECTRICAL DATA MOCP | MANUFACTURER & MODEL | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RTU-1 | 4000 | 500 | 1.0 | 105.37 | 148.67 | 80 | 67 | 55 | 54 | 65 | 110 | 180/224 | 147.6/184 | 230V/3ø | 80 | CARRIER 48TCD14A3A5-0B0A0 | |
| RTU-2 | 4000 | 500 | 1.0 | 105.37 | 148.67 | 80 | 67 | 55 | 54 | 65 | 110 | 180/224 | 147.6/184 | 230V/3ø | 80 | CARRIER 48TCD14A3A5-0B0A0 | |
| RTU-3 | 33400 | 900 | 1.0 | 32.92 | 46.95 | 80 | 67 | 55 | 54 | 65 | 110 | 115 | 90 | 230V/3ø | 30 | CARRIER 48TCEA05A2A5-0B0A0 | |
| RTU-4 | 3400 | 800 | 1.0 | 32.92 | 46.95 | 80 | 67 | 55 | 54 | 65 | 110 | 115 | 90 | 230V/3ø | 40 | CARRIER 48TCEA06A2A5-0B0A0 | |
| RTU-5 | 1950 | 800 | 1.0 | 32.92 | 46.95 | 80 | 67 | 55 | 54 | 65 | 110 | 115 | 90 | 230V/3ø | 40 | CARRIER 48TCEA06A2A5-0B0A0 | |

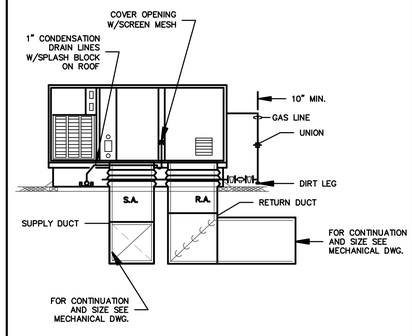
NOTE: 1. ROOFTOP AIR CONDITIONING AND HEATING UNITS SHALL BE "CARRIER" WITH 2" THICK FILTERS, EACH UNIT SHALL BE PROVIDED WITH FULL PRE-ASSEMBLED ROOF CURB, UNIT MOUNTED DISCONNECTED SWITCH, DIFFERENIAL ENTHALPY CONTROL & COMPRESSOR ANTI-CYCLE TIMER AND ECONOMIZERS.
2. APPROVED UNITS WILL BE BASED ON SAME PERFORMANCE AND OPERATING CAPACITIES, AND ACCESORIES.

**MAKE UP AIR UNITS**

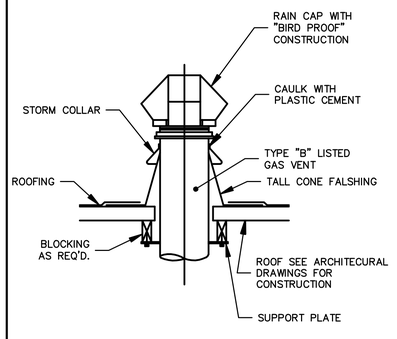
| TAG | CFM | HEATING MBH INPUT | HEATING MBH OUTPUT | FAN MOTOR DATA HP | FAN MOTOR DATA VOLTS | MANUFACTURER AND MODEL. | REMARKS |
|---|---|---|---|---|---|---|---|
| MAU-1 | 3,000 | 261 | 240 | 2 | 240v/3ph | CAMBRIDGE M110 ROOF TOP-DOWN BLAST | 900 lbs. |

OPTIONS: DUAL RAINHOOD WITH THROWAWAY PANEL FILTERS, TWO POSITION MOTORIZED DISCHARGE DAMPER, 50" INSULATED DISCHARGE DUCT,, 4-WAY DOWNBLAST DISCHARGE DIFFUSER, 24" MOUNTING CURB WITH DUCT SUPPORTS, AUTOMATIC PROFILE ADJUSTMENTS WITH INTEGRAL PRESSURE SENSOR.

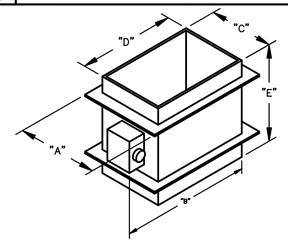
14 SCHEDULES




7 ROOF TOP UNIT

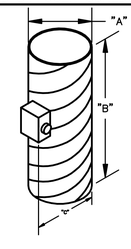



8 TRANSFER DUCT DETAIL




| MODEL | DIMENSIONS (IN.) A | B | C | D | E | ZONE CFM NOMINAL (800 fpm) | MAXIMUM (1200 fpm) |
|---|---|---|---|---|---|---|---|
| RD0810 | 10 1/4" | 17" | 8" | 10" | 13 1/2" | 410 | 610 |
| RD0814 | 10 1/4" | 21" | 8" | 14" | 13 1/2" | 560 | 825 |
| RD0818 | 10 1/4" | 25" | 8" | 18" | 13 1/2" | 725 | 1075 |
| RD0824 | 10 1/4" | 31" | 8" | 24" | 13 1/2" | 925 | 1375 |

11 ZONE DAMPER




| MODEL | DIMENSIONS (IN.) A | B | C | ZONE CFM NOMINAL (800 fpm) | MAXIMUM (1200 fpm) |
|---|---|---|---|---|---|
| ZD-06 | 6" | 18" | 11" | 160 | 240 |
| ZD-08 | 8" | 18" | 13" | 280 | 420 |
| ZD-10 | 10" | 18" | 15" | 440 | 660 |
| ZD-12 | 12" | 24" | 17" | 630 | 950 |
| ZD-14 | 14" | 24" | 19" | 850 | 1275 |
| ZD-16 | 16" | 24" | 21" | 1125 | 1675 |

12 ZONE DAMPER

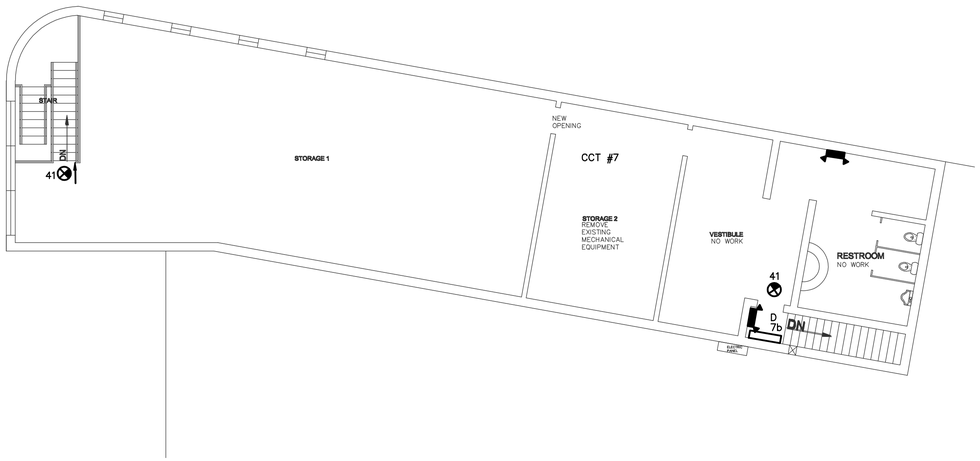
10 FLUE THRU ROOF

DATE: 03.10.17

PROJECT:
INTERIOR & EXTERIOR RENOVATIONS TO:
6530 N. LINCOLN AVE
LINCOLNWOOD, ILLINOIS

TOWN STUDIOS, INC.
PHONE: 847-498-0900
WWW.TOWNSTUDIOS.COM
TOWN STUDIOS, INC.
1297 SHERMER ROAD NORTHBROOK, IL 60062

SHEET NO.
M2

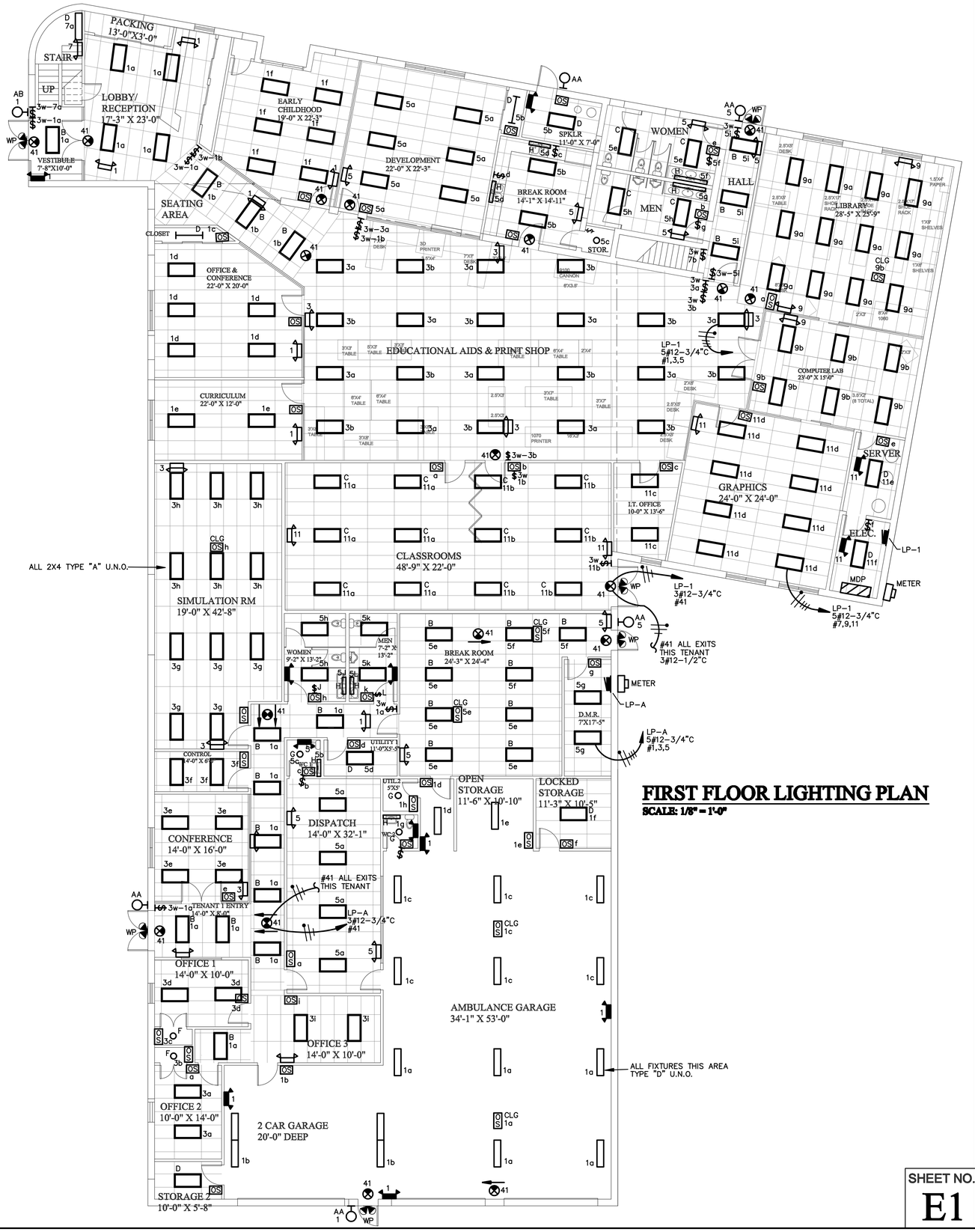



# SECOND FLOOR LIGHTING PLAN

**SCALE: 1/8" = 1'-0"**

| PANEL SCHEDULE "LP-1" | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE | LOAD | | | Amps Pole | Pole or CCT. No. | | Amps Pole | LOAD | | | TYPE |
| | Aø | Bø | Cø | | | | | Aø | Bø | Cø | |
| GEN LTG | 1100 | | | 20/1 | 1 | 2 | 20/1 | 800 | | | GEN RECEPTS |
| | | 1000 | | | 3 | 4 | | | 400 | | |
| | | | 900 | | 5 | 6 | | | | 400 | |
| | | | | | 7 | 8 | | 1200 | | | |
| | | 900 | | | 9 | 10 | | | 1200 | | |
| | | | 1000 | | 11 | 12 | | | | 1200 | |
| | | | | | 13 | 14 | | 1400 | | | |
| | | | | | 15 | 16 | | | 1400 | | |
| | | | | | 17 | 18 | | | | 1400 | |
| GEN RECEPTS | 1400 | | | | 19 | 20 | | 1000 | | | |
| | | 1400 | | | 21 | 22 | | | 800 | | |
| | | | 1400 | | 23 | 24 | | | | 1400 | |
| | 1200 | | | | 25 | 26 | | 1400 | | | |
| | | 1400 | | | 27 | 28 | | | 600 | | REFRIG. |
| | | | 1000 | | 29 | 30 | | | | 200 | |
| | | | | | 31 | 32 | | 400 | | | |
| SPEC. RECEPT. LIBRARY | 1000 | | | 30 | 33 | 34 | | | 800 | | |
| | | | 1000 | 2 | 35 | 36 | | | | 1400 | |
| | | | | 20/1 | 37 | 38 | | 1000 | | | PRINTER |
| | | | | 20/1 | 39 | 40 | | | 1400 | | |
| EXIT SIGNS | | | | 20/1 | 41 | 42 | | | | 1400 | |
| Sub Total #1 | | | | | Sub Total #2 | | | 7200 | 6600 | 7400 | |
| Sub Total #2 | 7200 | 6600 | 7400 | | | | | | | | |
| Total #1 #2 | | | | | | | | | | | |

Total Panel Load: ?? KVA ?? Amps
??? Volts ?? ø ?? Wire, S.N.
Mains MAIN CCT BRKR
Branches: ☒ Cct.Breakers ☐ Fuses
Mounting: ☒ Surface ☐ Flush




# FIRST FLOOR LIGHTING PLAN

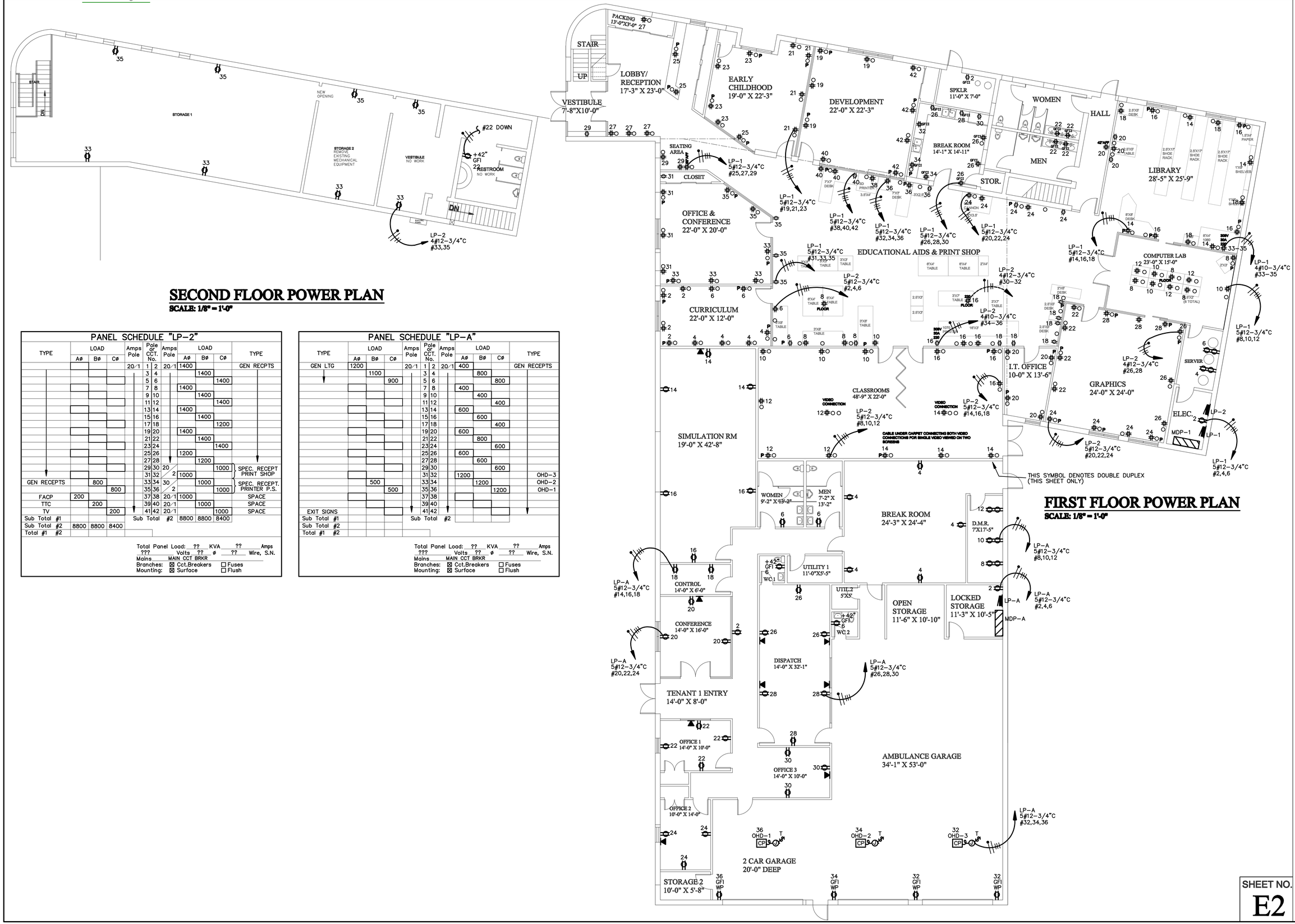
**SCALE: 1/8" = 1'-0"**

DATE: 03.10.17

PROJECT:
INTERIOR & EXTERIOR RENOVATIONS TO:
6530 N. LINCOLN AVE
LINCOLNWOOD, ILLINOIS

TOWN STUDIOS, INC.
PHONE: 847-498-0900
WWW.TOWNSTUDIOS.COM
TOWN STUDIOS, INC.
1297 SHERMER ROAD NORTHBROOK, IL 60062

SHEET NO.
E1




## SECOND FLOOR POWER PLAN

**SCALE: 1/8" = 1'-0"**

## FIRST FLOOR POWER PLAN

**SCALE: 1/8" = 1'-0"**

**PANEL SCHEDULE "LP-2"**

| TYPE | LOAD A | LOAD B | LOAD C | Amps Pole | Pole or CCT. No. | | Amps Pole | LOAD A | LOAD B | LOAD C | TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 20/1 | 1 | 2 | 20/1 | 1400 | | | GEN RECPTS |
| | | | | | 3 | 4 | | | 1400 | | |
| | | | | | 5 | 6 | | | | 1400 | |
| | | | | | 7 | 8 | | 1400 | | | |
| | | | | | 9 | 10 | | | 1400 | | |
| | | | | | 11 | 12 | | | | 1400 | |
| | | | | | 13 | 14 | | 1400 | | | |
| | | | | | 15 | 16 | | | 1400 | | |
| | | | | | 17 | 18 | | | | 1200 | |
| | | | | | 19 | 20 | | 1400 | | | |
| | | | | | 21 | 22 | | | 1400 | | |
| | | | | | 23 | 24 | | | | 1400 | |
| | | | | | 25 | 26 | | 1200 | | | |
| | | | | | 27 | 28 | | | 1200 | | |
| | | | | | 29 | 30 | 20 | | | 1000 | SPEC. RECEPT PRINT SHOP |
| | | | | | 31 | 32 | 2 | 1000 | | | |
| GEN RECEPTS | | 800 | | | 33 | 34 | 30 | | 1000 | | SPEC. RECEPT. PRINTER P.S. |
| | | | 800 | | 35 | 36 | 2 | | | 1000 | |
| FACP | 200 | | | | 37 | 38 | 20/1 | 1000 | | | SPACE |
| TTC | | 200 | | | 39 | 40 | 20/1 | | 1000 | | SPACE |
| TV | | | 200 | | 41 | 42 | 20/1 | | | 1000 | SPACE |
| Sub Total #1 | | | | | Sub Total #2 | | | 8800 | 8800 | 8400 | |
| Sub Total #2 | 8800 | 8800 | 8400 | | | | | | | | |
| Total #1 #2 | | | | | | | | | | | |

Total Panel Load: ?? KVA ?? Amps
??? Volts ?? ø ?? Wire, S.N.
Mains MAIN CCT BRKR
Branches: ☒ Cct.Breakers ☐ Fuses
Mounting: ☒ Surface ☐ Flush

**PANEL SCHEDULE "LP-A"**

| TYPE | LOAD A | LOAD B | LOAD C | Amps Pole | Pole or CCT. No. | | Amps Pole | LOAD A | LOAD B | LOAD C | TYPE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GEN LTG | 1200 | | | 20/1 | 1 | 2 | 20/1 | 400 | | | GEN RECEPTS |
| | | 1100 | | | 3 | 4 | | | 800 | | |
| | | | 900 | | 5 | 6 | | | | 800 | |
| | | | | | 7 | 8 | | 400 | | | |
| | | | | | 9 | 10 | | | 400 | | |
| | | | | | 11 | 12 | | | | 400 | |
| | | | | | 13 | 14 | | 600 | | | |
| | | | | | 15 | 16 | | | 600 | | |
| | | | | | 17 | 18 | | | | 400 | |
| | | | | | 19 | 20 | | 600 | | | |
| | | | | | 21 | 22 | | | 800 | | |
| | | | | | 23 | 24 | | | | 600 | |
| | | | | | 25 | 26 | | 600 | | | |
| | | | | | 27 | 28 | | | 600 | | |
| | | | | | 29 | 30 | | | | 600 | |
| | | | | | 31 | 32 | | 1200 | | | OHD-3 |
| | | 500 | | | 33 | 34 | | | 1200 | | OHD-2 |
| | | | 500 | | 35 | 36 | | | | 1200 | OHD-1 |
| | | | | | 37 | 38 | | | | | |
| | | | | | 39 | 40 | | | | | |
| EXIT SIGNS | | | | | 41 | 42 | | | | | |
| Sub Total #1 | | | | | Sub Total #2 | | | | | | |
| Sub Total #2 | | | | | | | | | | | |
| Total #1 #2 | | | | | | | | | | | |

Total Panel Load: ?? KVA ?? Amps
??? Volts ?? ø ?? Wire, S.N.
Mains MAIN CCT BRKR
Branches: ☒ Cct.Breakers ☐ Fuses
Mounting: ☒ Surface ☐ Flush

DATE: 03.10.17

**PROJECT:**
**INTERIOR & EXTERIOR RENOVATIONS TO:**
6530 N. LINCOLN AVE
LINCOLNWOOD, ILLINOIS

**TOWN STUDIOS, INC.**
TOWN STUDIOS, INC.
1297 SHERMER ROAD NORTHBROOK, IL 60062
PHONE: 847-498-0900
WWW.TOWNSTUDIOS.COM

SHEET NO. E2

Return to VR Agenda

# GENERAL NOTES

1. E.C. SHALL FURNISH ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETE INSTALLATION OF THE ELECTRICAL WORK SHOWN, AND SPECIFIED HEREAFTER.
2. INSTALLATION SHALL MEET ALL LOCAL & NATIONAL ELECTRICAL CODES AND SHALL BE BID AS SUCH.
3. E.C. SHALL PAY ALL FEES, TAXES AND PERMITS.
4. E.C. SHALL CARRY PUBLIC LIABILITY AND WORKER'S COMPEN-SATION INSURANCE.
5. ALL MATERIALS SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM FINAL OCCUPANCY DATE.
6. E.C. SHALL INCLUDE IN BID ALL COSTS FOR TEMPORARY POWER DURING CONSTRUCTION. INCLUDE INSTALLATION AS REQUIRED FOR ALL TRADES, COST OF POWER, ONE TELEPHONE LINE TO SITE, ETC.
7. IT SHALL BE THE E.C. RESPONSIBILITY TO NOTIFY THE CONSULTANT OF ANY CODE VIOLATIONS, ERRORS, OMISSIONS OR DISCREPANCIES ON THE DRAWINGS PRIOR TO THE SUBMITTAL OR BID. FAILURE TO COMPLY WILL NOT BE CAUSE FOR ANY ADDITIONAL COMPENSATION AFTER BID OPENING.
8. ALL EQUIPMENT AND MATERIALS SHALL BE U.L. LABELED.
9. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL ON THE FOLLOWING:
   A. DISTRIBUTION PANELS D. C/T METER CABINET G. TIME
   B. LIGHTING PANELS E. LIGHTING FIXTURES CLOCKS
   C. MAIN SWITCH F. LIGHTING RELAYS
10. ALL EQUIPMENT SHALL BE GROUNDED PER LOCAL CODE.
11. PROVIDE U.S. & ASSOCIATES WITH ONE (1) REPRODUCIBLE DRAWING (AS BUILT), SHOWING ALL WIRING AND EQUIPMENT AS IT WAS INSTALLED COMPLETE WITH SIZE AND EXACT LOCATION OF ALL FEEDERS AS THEY WERE INSTALLED WITH ALL LIGHTS & LOADS ON AMPROBE EACH PHASE, EVERY PANEL, EVERY CCT & SHOW ON AS BUILT.
12. ALL EQUIPMENT IS TO BE NEW, FURNISHED, INSTALLED AND WIRED BY THE E.C. UNLESS OTHERWISE NOTED.
13. IT SHALL BE THE E.C. RESPONSIBILITY TO SUBMIT AND PAY ALL FEES RELATED TO THE INSPECTION BUREAU FOR PLAN REVIEW. DO NOT START ANY CONSTRUCTION WITHOUT THIS REVIEWED AND RETURNED SET.
14. E.C. SHALL INCLUDE IN BID ALL WIRING & CONDUIT REQUIRED BY MECHANICAL CONTRACTOR, VERIFY WITH GENERAL BEFORE BID. & INCLUDE ALL WORK & MATERIAL IN BID.
15. BUILDING STANDARDS SHALL SUPERSEDE ALL SPECIFICATIONS OR DEVICES ON DRAWINGS.
16. ALL WIRING SHALL BE IN CONDUIT OR OTHER CODE APPROVED RACEWAYS NO EXPOSED WIRING WILL BE APPROVED WITHOUT LOCAL CODE APPROVAL IN WRITTING.
17. *DENOTES A DEVICE TO BE FIELD VERIFIED BEFORE ROUGH IN FOR CORRECT ELECTRICAL DEVICE SIZES & FINAL LOCATIONS.
18. ALL FUSES FOR PANEL FEEDERS AND MAIN SWITCH SHALL BE BUSSMAN TYPE "J" DUAL ELEMENT, CURRENT LIMITING.
19. E.C .IS RESPONSIBLE TO INCLUDE IN BID A COMPLETE FIRE ALARM SYSTEM INSTALLED AND WIRED PER LOCAL FIRE DEPT. REGULATIONS. EC SHALL BE RESPONSIBLE TO SUBMIT A COMPLETE SET OF FIRE ALARM DRAWINGS TO THE LOCAL FIRE DEPT. FOR APPROVAL. THESE DRAWINGS ARE TO BE A COMPLETE SYSTEM, WITH CONDUIT & WIRE, WIRING DIAGRAMS, & CUT SHEETS. FIRE ALARM INSTALLER TO COORDINATE WITH FIRE DEPT. & COMPLY TO ALL REQUIREMENTS. IF REQUIRED THESE DRAWINGS SHALL BE SIGNED & SEALED BY A REGISTERED PE. ALL COST SHALL BE INCLUDED IN FIRE ALARM BID. EC SHALL INCLUDE ALL REQUIRED WALL BOXES & CONDUITS FROM WALL MOUNTED BOXES STUBBED INTO CEILING SPACE.
20. ALL BATTERIES FOR EXIT SIGNS AND EMERGENCY LIGHT UNIT SHALL HAVE A MINIMUM OF 120 MINUTES OF CONNECTED LOAD, MINIMUM.
21. GENERAL LIGHTING CIRCUITS WITH EMERGENCY ILLUMINATION UNIT EQUIPMENT CONNECTED SHALL BE CLEARLY IDENTIFIED AT THE DISTRIBUTION PANEL BOARD. PER NEC, SECTION 700-12(e).
22. ALL LIGHTS IN THE SUSPENDED CEILING SHALL BE INDEPENDENTLY SUPPORTED. ALL APPROVED SUPPORT SYSTEM SHALL BE PROVIDED ON OPPOSING CORNERS OF THE LIGHT FIXTURE. THE FRAMING MEMBERS OF THE SUSPENDED CEILING SHALL NOT BE THE SOLE MEANS OF SUPPORT FOR THE FIXTURE.
23. E.C. SHALL PROVIDE A PANEL DIRECTORY FOR EACH PANEL, COMPLETLEY FILLED OUT. SHOW EXACT LOADS ON EACH CIRCUIT, ROOM NAME & NUMBER SHOW, DEVICES & AREA SERVED, AMP PROBE LIGHTING CIRCUITS & SHOW WATTS CONNECTED.
24. E.C. SHALL FURNISH, INSTALL & WIRE A COMPLETE CONDUIT & WIRE SYSTEM TO ALL ELECTRICAL DEVICES, TYPICAL ALL AREAS, ALL PLANS, 3#12, 1/2"C MIN TO EACH DEVICE.
25. ALL SWITCH LOCATIONS SHALL BE APPROVED IN FIELD BY OWNER BEFORE ROUGH-IN.
26. E.C. SHALL PROVIDE & INSTALL COVERS ON ALL LIGHT SWITCHES & RECEPTACLES.
27. E.C. SHALL PROVIDE A GROUND JUMPER WIRE #12 AT EVERY VALVE.
28. E.C. TO FOLLOW NEC, AND PROVIDE MULTI POLE BREAKER BARS OR MULTI POLE BREAKERS ON ALL NETWORKS THAT SHARE A NEUTRAL PER 210.4.
29. E.C. SHALL COORDINATE EXACT LIGHT FIXTURE AMOUNTS & LOCATIONS WITH ARCH. REFLECTED CEILING PLANS.
30. E.C. TO PROVIDE A COMPLETE CODE APPROVED GROUND AND BONDING SYSTEM TO ALL METAL SYSTEMS IN BUILDING. COMPLY TO ALL REQUIREMENTS OF NEC ARTICLE 250.
31. EC SHALL INCLUDE IN BID WALL BOXES & CONDUIT TO CEILING FOR ALL THERMOSTATS, & WALL MTD FIRE ALARM DEVICES. COORDINATE LOCATIONS WITH GENERAL & FIRE ALARM CONTRACTORS.

DIVISION 16

# ELECTRICAL SPECIFICATIONS

**2.01. GENERAL REQUIREMENTS**
A. THE ARCHITECTS GENERAL CONDITIONS FORM A PART OF THIS SPECIFICATION AND WHERE APPLICABLE, SHALL GOVERN ALL WORK. ALL NOTES ON THE DRAWINGS SHALL ALSO APPLY.

**2.02. SCOPE OF CONTRACT**
A. WORK INCLUDED:
1. THE WORK INCLUDED UNDER THE ELECTRICAL CONTRACT SHALL BE THE FURNISHING OF ALL TRANSPORTATION, LABOR, MATERIALS, SERVICES, PROTECTION, SCAFFOLDING, APPARATUS AND UTENSILS NECESSARY FOR THE PERFORMANCE OF ALL WORK SHOWN ON THE ELECTRICAL WIRING DRAWINGS AND DEFINED AND DESCRIBED IN THE ELECTRICAL WIRING SPECIFICATIONS.
2. THE CONTRACTOR MUST EXAMINE THE SPECIFICATIONS FOR GENERAL CONTRACT WORK AS WELL AS ALL OTHER WORK CLASSIFICATIONS TO BE CERTAIN OF THE EXPLICIT EXTENT OF THE WORK INCLUDED IN HIS OWN CLASSIFICATION.
3. THE FOLLOWING LIST OF ITEMS IS INTENDED AS A GUIDE ONLY AND DOES NOT NECESSARILY LIST ALL ITEMS OF WORK SHOWN ON THE DRAWINGS OR SPECIFIED HEREIN:
   a. ALL LIGHTING FEEDERS, FEEDERS TO MOTORS AND POWER PANELS AS SHOWN ON PLANS.
   b. ALL LIGHTING BRANCH WIRING COMPLETE AS SHOWN.
   c. ALL POWER BRANCH WIRING COMPLETE TO ALL MOTORS, OR DEVICES. (RECEPTACLES FANS, PUMPS, etc.).
   d. FURNISH AND INSTALL NEW LAMPS FOR ALL NEW LIGHTING FIXTURES.
   e. FURNISHING AND INSTALLATION OF ALL TEMPORARY WIRING COMPLETE AS SHOWN OR AS REQUIRED.INCLUDE TELEPHONE LINES REQ'D BY GENERAL.
   f. COMBINATION STARTERS FOR ALL MOTORS.
   g. POWER PANELS, LIGHTING PANELS AND DISTRIBUTION PANELS.
   h. TEMPORARY POWER ON GFI PROTECTION.
   i. A COMPLETE OPERABLE FIRE ALARM SYSTEM.

**2.03. LAWS AND ORDINANCES**
A. THIS CONTRACTOR SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES. COMPLY TO ALL LOCAL AMENDMENTS AND ALL STATE LAWS.
B. THIS CONTRACTOR HEREBY BINDS HIMSELF TO PROTECT THE OWNER AND THE ARCHITECT-ENGINEER AND SAVE THEM HARMLESS FROM ALL DAMAGES ARISING FROM VIOLATION OF PUBLIC ORDINANCES, LAWS, RULES, REGULATIONS AND REQUIREMENTS OF ANY KIND, RESULTING FROM HIS OPERATIONS UNDER THIS CONTRACT.

**2.04. TIME OF ERECTION AND COMPLETION**
A. THIS CONTRACTOR WILL BE EXPECTED TO FURNISH ALL EQUIPMENT AND MATERIALS PROMPTLY AND SHALL PROCEED WITH THE WORK WITHOUT DELAY TO MEET THE CONSTRUCTION PROGRAM. AS TIME IS THE ESSENCE OF THE CONTRACT, THIS CONTRACTOR SHALL PROVIDE AN ADEQUATE PLANT AND ORGANIZATION TO PROSECUTE THE WORK TO COMPLETION WITH THE UTMOST DISPATCH AND WITHIN THE SPECIFIED CONTRACT TIME.

**2.05. OVERTIME**
A. THIS CONTRACTOR MUST PROVIDE ADEQUATE MANPOWER AT ALL TIMES TO ASSURE COMPLIANCE WITH THE CONSTRUCTION PROGRAM. IN THE EVENT THAT IT BECOMES NECESSARY TO WORK OVERTIME TO MEET THE SAID CONSTRUCTION PROGRAM. SAID OVERTIME SHALL BE INCLUDED IN BID. NO EXTRA COMPENSATION WILL BE ALLOWED FOR OVERTIME THAT MAY BE REQUIRED TO MAINTAIN CONSTRUCTION IN ACCORDANCE WITH THE CONSTRUCTION PROGRAM. INCLUDE ALL OVERTIME REQUIRED FOR ANY WORK THAT MAY BE REQUIRED FOR ANY WORK TO BE PERFORMED OTHER THAN NORMAL WORKING HOURS

**2.06. CUTTING AND PATCHING**
A. ALL CUTTING, DRILLING AND PATCHING OF MASONRY, STEEL OR IRON WORK BELONGING TO THE BUILDING MUST BE DONE BY THIS CONTRACTOR IN ORDER THAT HIS WORK MAY BE PROPERLY INSTALLED. AND ALL DISTURBED CONSTRUCTIONS OR FINISH MUST BE MADE GOOD, BUT UNDER NO CONDITIONS MAY STRUCTURAL WORK BE CUT, EXCEPT UPON APPROVAL OF THE ARCHITECT-ENGINEER OR THEIR REPRESENTATIVES.

**2.08. LIGHTING PANELS AND CABINETS**
A. WHERE SHOWN ON DRAWINGS, FURNISH AND INSTALL POWER PANELS IN CODE GAUGE STEEL CABINETS ARRANGED FOR SURFACE MOUNTING AS SHOWN.
B. PANELS SHALL BE DEAD FRONT TYPE HAVING MAIN CIRCUIT BREAKERS OR MAIN LUGS ONLY AND CIRCUIT BREAKER BRANDING OF NUMBER, TYPE AND CAPACITY SHOWN ON DRAWINGS AND AS REQUIRED.
C. PANELS SHALL BE MADE UP OF INDIVIDUAL CIRCUIT BREAKER UNITS OF NUMBER, TYPE AND CAPACITY NOTED ON DRAWINGS.
D. PANELS SHALL BE SQUARE D OR EQUAL COPPER BUS, BOLT ON BREAKERS.

**3.01. CONDUIT AND RACEWAYS**
A. ONLY CONDUIT ABOVE FALSE CEILING SHALL BE ELECTRIC METALLIC TUBING AS MANUFACTURED BY YOUNGSTOWN, TRIANGLE REPUBLIC OR ALLIED SHEET & TUBE.
B. CONDUIT FITTINGS SHALL BE COMPRESSION TYPE AS MANUFACTURED BY APPLETON OR THOMAS & BETTS.
C. FOR CONDUITS 1-1/4" AND LARGER, INSULATING BUSHINGS SHALL BE USED-THOMAS & BETTS COMPANY OR APPLETON ELECTRIC PRODUCTS COMPANY.
D. SIZE OF CONDUIT SHALL COMPLY WITH CODE REQUIREMENTS FOR TYPE OF WIRE AND CABLE USED EXCEPT THAT NO CONDUIT SMALLER THAN 1" FOR HOMERUNS SHALL BE INSTALLED IN SLABS, ALL OTHERS 3/4" MIN.
E. FURNISH AND INSTALL ALL RACEWAYS FOR TELEPHONE, DATA, AND BRANCH WIRING AS REQUIRED.
F. IMC SHALL BE USED IN ALL AREAS NOT COVERED IN ITEM "A".
G. CONDUITS SHALL NOT BE SUPPORTED FROM DROPPED CEILING SYSTEMS OR PIPING/ MECHANICAL DUCT SYSTEMS.

**4.01. OUTLET BOXES**
A. EACH SWITCH, LIGHT, RECEPTACLE AND OTHER MISCELLANEOUS DEVICE SHALL BE PROVIDED WITH A GALVANIZED OR PRESSED STEEL OUTLET BOX OF THE KNOCKOUT TYPE, OF NOT LESS THAN No. 14 U.S. GAUGE STEEL. CONDUITS SHALL BE FASTENED WITH LOCKNUTS AND BUSHINGS AND ALL UNUSED KNOCKOUTS MUST BE LEFT SEALED. THERE MUST BE SUFFICIENT ROOM FOR WIRES AND BUSHINGS AND DEEP BOXES SHALL BE INSTALLED WHERE REQUIRED. BOXES SHALL BE SECURELY AND ADEQUATELY SUPPORTED.

**5.01 CABLE AND WIRE**
A. ALL CABLE AND WIRE FOR POWER AND LIGHT SHALL BE 600 VOLT & INSTALLED IN CONDUIT EXCEPT AS OTHERWISE SPECIFIED HEREIN AND SHALL BE OF TYPE AS SPECIFIED HEREINAFTER UNLESS OTHERWISE SHOWN ON DRAWINGS.
B. CABLE AND WIRE FOR FEEDERS SHALL BE THWN INSULATED, CONFORMING TO ALL THE REQUIREMENTS OF FEDERAL SPECIFICATIONS J-C 129C.
C. WIRE FOR BRANCH WIRING INSTALLED IN WIRING SPACE OF FLUORESCENT LIGHTING FIXTURES SHALL BE HEAT-RESISTANT THERMOPLASTIC 90'C INSULATION, TYPE THHN.
D. ALL WIRE SHALL BE PURE COPPER OF SIZE NOTED ON DRAWINGS. COPPER SHALL HAVE 98% CONDUCTIVITY.
E. WIRE, EXCEPT AS OTHERWISE NOTED, SHALL NOT BE LESS THAN No. 12 AWG AND WIRE OF No. 8 AWG AND LARGER SHALL BE STRANDED.

**6.01. WALL SWITCHES**
A. WALL SWITCHES SHALL BE LOCATED AS INDICATED ON DRAWINGS, ARRANGED SINGLY OR IN GANGS, AT THE HEIGHT SPECIFIED OR INDICATED AND SHALL HAVE APPROVED PLATES AND FINISH AS SPECIFIED HEREINAFTER.
B. SINGLE POLE WALL SWITCHES SHALL HAVE CAPACITY OF 20 AMPERES AT 120 VOLTS ALTERNATING CURRENT AND SHALL BE BRYANT OR APPROVED EQUAL.
C. THREE-WAY WALL SWITCHES SHALL HAVE CAPACITY OF 20 AMPERES AT 120 VOLTS ALTERNATING CURRENT AND SHALL BE BRYANT OR APPROVED EQUAL.

**7.01. WALL RECEPTACLES**
A. DUPLEX RECEPTACLES FOR GENERAL PURPOSE SHALL BE SIDE WIRED GROUNDING TYPE WITH DOUBLE BINDING SCREWS, HAVING BAKELITE BODIES AND GROUNDING TERMINALS. WHITE IN COLOR LEVITON SMOOTH FACE IN FINISHED ROOMS, OFFICE/TOILET AREAS. TYPE SHALL MATCH APPLICABLE NEC ENFORCED.

**7.02. PLATES FOR WALL SWITCHES AND RECEPTACLES**
A. PLATES FOR WALL SWITCHES AND RECEPTACLES IN PLASTERED OR FINISHED AREAS SHALL BE STAINLESS STEEL, SATIN FINISH, UNLESS OTHERWISE SPECIFIED OR SHOWN, SINGLE OR IN GANGS OF PROPER COMBINATION AS REQUIRED. UNFINISHED AREA SHALL BE STEEL.

**8.01. SAFETY SWITCHES**
A. WHERE SHOWN ON DRAWINGS, AS REQUIRED AND AS SPECIFIED ELSEWHERE HEREIN, FURNISH AND INSTALL EXTERNALLY OPERATED SAFETY SWITCHES ENCLOSED IN STEEL CABINETS, HORSEPOWER RATED TO MOTORS BEING PROVIDED.
B. SAFETY SWITCHES SHALL BE HEAVY-DUTY QUICKMAKE, QUICKBREAK, OF CAPACITY SUITABLE FOR APPLICATION. SWITCHED USED FOR DISCONNECTING PURPOSES ONLY SHALL BE UNFUSED. ALL OTHERS SHALL BE FUSED.

**9.01. NOT USED**

**10.01. LIGHTING FIXTURES, LAMPS AND SUPPORTS**
A. PROVIDE PROPER SUPPORT FOR ALL LIGHTING FIXTURES. DROPPED CEILING SYSTEM SHALL NOT BE USED TO SUPPORT LIGHT FIXTURES, INCLUDE IN BID ALL MATERIALS REQUIRED.
B. FURNISH AND INSTALL ALL LAMPS AS REQUIRED.

**10.03. GUARANTEE**
A. ALL WORK SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE ARCHITECT-ENGINEER. CONTRACTOR SHALL REPLACE ALL DEFECTIVE MATERIALS OR CORRECT POOR WORKMANSHIP AT NO COST TO THE OWNER-ARCHITECT-ENGINEER.

**11.01**
A. IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO NOTIFY THE ENGINEER OF ANY CODE VIOLATIONS, ERRORS, OMISSIONS OR DISCREPANCIES ON THE DRAWINGS PREVIOUS TO THE SUBMITTAL OF BID. FAILURE TO COMPLY WITH THE ABOVE WILL NOT BE CAUSE FOR ANY ADDITIONAL COMPENSATION AFTER BID.

**12.01**
A. E.C. IS TO TAG ALL CABLES AND ALL EQUIPMENT REQUIRED BY OWNER, VERIFY WITH OWNER NUMBERS AND REQUIREMENTS AND INCLUDE IN BID.

**13.01**
A. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL ALL CABLES REQUIRED FOR DATA, TELEPHONE OR ANY OTHER SYSTEMS REQUIRED. CONTACT OWNER FOR DIRECTION BEFORE BID.

**14.01**
A. ALL 120 VOLT HOMERUNS OVER 80' FROM PANEL SHALL BE #10 AWG MINIMUM.

**15.01**
A. E.C. SHALL FIELD VERIFY PANEL LOCATIONS WITH THE LOCAL INSPECTOR FOR CLEARANCE & APPROVAL BEFORE ROUGH IN.

**16.01**
A. IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO CONTACT COMED & CO-ORDINATE SERVICE. COMPLY TO ALL REQUIREMENTS & INCLUDE ALL COSTS IN BID.

**16.02.**
A. ALL EQUIPMENT IS NEW UL LABELED, FURNISHED INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.

**16.03 FIRE ALARM**

A. IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO PROVIDE A COMPLETE AND OPERABLE FIRE ALARM SYSTEM. THE SYSTEM SHALL ESSOZE OR EQUAL.
CONTACT MR. JIM KIRCHNER 630.991.7702.
IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO SUBMIT & PAY ANY AND ALL FEES TO THE 'FIRE PREVENTION BUREAU' & THE LOCAL ELECTRICAL INSPECTION SECTION' FOR FINAL PLAN REVIEW, NO WORK SHALL START WITHOUT THIS APPROVED, REVIEWED, CITY RETURNED FINAL SET.

B. ELECTRICAL CONTRACTOR TO VISIT SITE AND INCLUDE IN ALL JOB CONDITIONS IN BID.

C. INCLUDE IN BID WIRING OF ALL EXISTING FIRE ALARM DEVICES AND WIRING, AS REQUIRED.

D. VERIFY AND RECEIVE IN WRITING FROM OWNER APPROVED SHUTDOWN TIMES. INCLUDE IN BID ANY PREMIUM TIME THAT MAY BE REQUIRED FOR OVERTIME, OR WEEKEND RATES.

# SYMBOL LIST

| SYMBOL | DESCRIPTION |
|---|---|
| | **CONDUIT** |
| | CONDUIT RUN CONCEALED IN CEILING OR WALL. SLASH MARKS DENOTE No. OF WIRES (#12 AWG MIN.) |
| | CONDUIT RUN EXPOSED SLASH MARKS DENOTE No. OF WIRES (#12 AWG MIN.) |
| | CONDUIT RUN BELOW OR IN SLAB. EXTERIOR RUN 3'-6" BELOW GRADE. |
| | FLEXIBLE CONNECTION TOTAL NUMBER NOT SHOWN ADD AS REQUIRED TO WIRE TO CODE |
| J OR ○ | JUNCTION BOX (TOTAL NUMBER OF BOXES NOT SHOWN, ADD BOXES AS REQUIRED TO WIRE TO CODE |
| | GREEN GROUND WIRE |
| | **RECEPTACLES** |
| EHD | ELECTRIC HAND DRYER, WORLD DRYER #L-974 WHITE-120V, 8.3A, 950W, FI & W BY E.C. |
| | DUPLEX RECEPTACLE - SELF GROUNDING MOUNTED AT ADA HEIGHT, 18" MIN TO COMPLY TO NEC ENFORCED.. |
| GFI | DUPLEX RECEPTACLE GROUND FAULT INTERRUPTING TYPE |
| | SPECIAL PURPOSE RECEPTACLE OUTLET. TO MATCH EQUIPMENT FURNISHED |
| TR | TAMPER RESISTANT DUPLEX RECEPTACLE |
| | DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER |
| SW | DUPLEX RECEPTACLE - SELF GROUNDING MOUNTED ABOVE SHOW WINDOW PER 210.62 |
| | **COMMUNICATION** |
| TV | T.V. LOCATION WITH ONE RECEPTACLE & ONE CABLE OUTLET W/3/4"C TO T.V. CABLE EQUIPMENT RACK. |
| | DATA, MOUNTED @ 18" MIN. WITH ONE 3/4"C TO TTC |
| | COMBINATION DATA & TELEPHONE OUTLET WITH ONE 3/4" C TO T.T.C. |
| | COMBINATION DATA & TELEPHONE OUTLET WITH ONE 3/4" C TO T.T.C. MOUNTED ABOVE COUNTER |
| | **SWITCHES** |
| $DS | DOOR SWITCH |
| DSH | OCCUPANCY SENSOR SET FOR 20 MINUTE DELAY OFF — LOCATION: GENERAL/TOILET; MFG & NUMBER: SENSOR SWITCH #WSD-PDT-WH (800W) |
| VS | VACANCY SWITCH — MANUAL ON AUTO OFF; SENSOR SWITCH #WSA-SA-WH |
| $ | SINGLE POLE SWITCH 20 AMPERE SPECIFICATION GRADE 48" AFF. |
| $3W | THREE WAY SWITCH 20 AMPERE SPECIFICATION GRADE 48" AFF. |
| $T | SINGLE POLE SWITCH, MOTOR STARTER WITH OVERLOAD PROTECTION |
| $D | DIMMER SWITCH LUTRON 2000 WATT NOVA TYPE LED COMPATIBLE WHERE REQUIRED |
| $MC | MOMENTARY CONTACT, LIGHTING RELAY CONTROL |
| J | DISCONNECT SWITCH, 3 POLE, NON-FUSED |
| J | DISCONNECT SWITCH, 3 POLE, FUSED |
| J | COMBINATION DISC. SWITCH STARTER |
| | **LIGHT FIXTURES** (WORK W/ FIXTURE SCHEDULE) |
| A | 2'X 4' FLUORESCENT RECESSED LIGHT FIXTURE |
| B | 1'X 4' FLUORESCENT PENDANT, OR SURFACE LIGHT FIXTURE |
| ○ | LED OR COMPACT FLUORESCENT RECESSED LIGHT FIXTURE |
| □ | 2'X 2' FLUORESCENT LIGHT FIXTURE |
| | BATTERY LIGHT UNIT, CEILING MOUNTED |
| | BATTERY LIGHT UNIT, WALL MTD 1'-0" BELOW CEILING |
| | EXIT SIGN CEILING MOUNTED DARK PORTION DENOTES FACE WITH RED LETTERS |
| | EXTERIOR BATTERY LIGHT REMOTE HEADS (TWO) W.P. |
| | **GENERAL** |
| | MOTOR, VOLTAGE, HORSEPOWER & PHASE AS SHOWN ON PLANS |
| | CONTROL PANEL FOR "PACKAGED EQUIPMENT" FURNISHED WITH EQUIPMENT COMPLETE WITH STARTERS IF REQUIRED |
| TC | TIME CLOCK, INTERMATIC, ET2845C. ASTRONOMICAL 4 CIRCUIT |
| | RECEPTACLE OR LIGHTING PANEL |
| | FLUSH FLOOR BOX |
| | **ABBREVIATIONS** |
| WP | DENOTES WEATHERPROOF DEVICE, NEMA 3R |
| AFF | ABOVE FINISHED FLOOR |
| U.N.O. | UNLESS NOTED OTHERWISE |
| CCT | CIRCUIT |
| BRKR | CIRCUIT BREAKER |
| E.C. | ELECTRICAL CONTRACTOR |
| FBM | DEVICE FURNISHED BY MECHANICAL CONTRACTOR, INSTALLED & WIRED BY ELECTRICAL CONTRACTOR. |
| FI&W | DEVICE FURNISHED,INSTALLED & WIRED BY ELECTRICAL CONTRACTOR |
| EWC | ELECTRIC WATER COOLER |
| UCR | UNDER COUNTER REFRIGERATOR |
| RHS | RIGID HEAVY WALL STEEL CONDUIT |
| * | DENOTES A DEVICE TO BE FIELD VERIFIED BEFORE ROUGH-IN FOR CORRECT ELECTRICAL DEVICE SIZE AND FINAL LOCATION. |
| UC | UNDER COUNTER |
| N.C. | NO CHANGE |
| T | HVAC THERMOSTAT, EC TO PROVIDE WALL BOX & CONDUIT TO CEILING SPACE WIRING BY HVAC CONTRACTOR |

# LIGHTING FIXTURE SCHEDULE

| TYPE | DESCRIPTION | MANUFACTURER & CATALOG NUMBER | LAMPS | MAX. WATTS W/BALLAST | REMARKS |
|---|---|---|---|---|---|
| A | 2x4 LED DIRECT/INDIRECT | LITHONIA #2BLT4-48L-ADP-D47-LP835 | LED | 45 | |
| B | 2x4 LED DIRECT/INDIRECT | LITHONIA #2BLT4-30L-ADP-D47-LP835 | LED | 30 | |
| C | 2x4 LED DIRECT/INDIRECT | LITHONIA #2BLT4-72L-ADP-D47-LP835 | LED | 67 | |
| D | LED SURFACE WRAP AROUND | LITHONIA #LBL4-60L-EOHN-LP835 | LED | 55 | |
| F | CLOSET LIGHT | METALUX #8600PC | 1-T8-15W | | |
| G | 6" RECESS. LED | ATLANTIC #LED6WD-DLM20-4K-U-WH | LED | 18.9 | |
| H | WALL MTD LED MTD ABOVE MIRROR | PRUDENTIAL LTG #WAL14-LED3-HO-*-WFA-YGW-SC-UNV-SUR-ND | LED | 18.5 | 2,3 OR 4 FOOT FIXTURE PER PLANS |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| AA | EXTERIOR DOOR LIGHT | LUMARK #PLIP-S-32-120-ADVANCE COLD WEATHER BALLAST | 1-32W-CF | 40 | MTD ABOVE DOOR W/BUILT IN MOTION DETECTOR |
| AB | EXTERIOR SCONCE | FIXTURE ALLOWANCE $200.00 | LED | 25W MAX | W/BUILT IN MOTION DETECTOR |
| | | | | | |
| | | | | | |
| | COMBINATION EXT/BATT. LT. | LITHONIA LHQM-5-W-3-R | 5W LED 2-12W S.B. | 29 | |
| | EXIT SIGN | KENALL CAE-S/R-NC WITH BATTERY BACK-UP | 5W LED | 5W MAX | SINGLE OR DOUBLE FACE WITH BATTERY BACK-UP AS REQUIRED SEE NOTE 8 BY CODE. DUAL VOLTAGE |
| WALL | EMG. BATTERY LIGHT | SURELITE ST-1 | 2-TUNGSTEN HALOGEN 11W | 22 | SEE NOTE 8 |
| CEILING | | SURELITE GC SERIES | 2-TUNGSTEN HALOGEN 11W | 22 | |
| WP | REMOTE BATTERY HEAD | EXITRONIX #ZL1H SERIES | 2-12W | 24 | MOUNT ABOVE EXTERIOR DOOR SEE NOTE 8 |

USA3360FS

## LIGHTING FIXTURE SCHEDULE NOTES

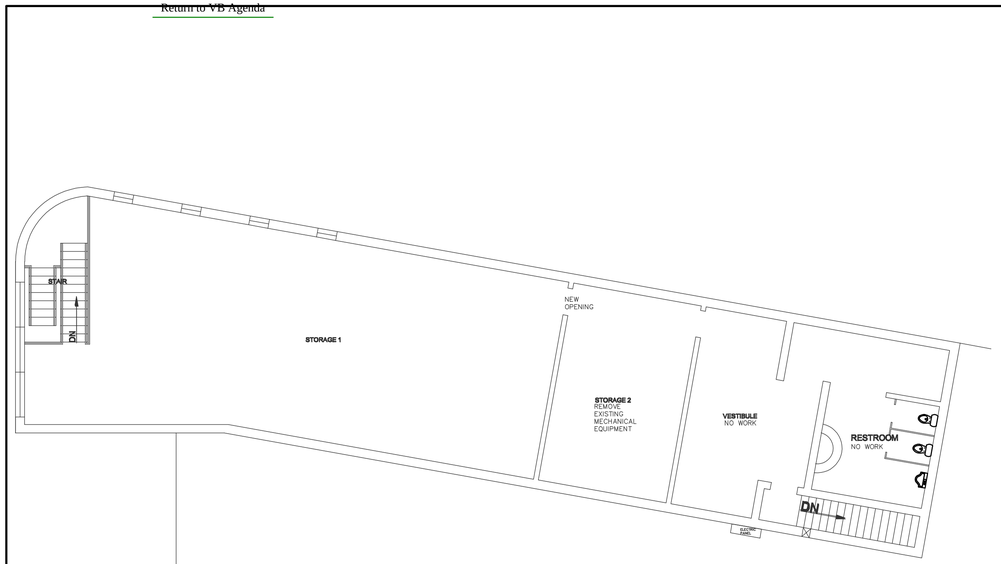
1. E.C TO FURNISH & INSTALL ALL LAMPS REQUIRED FOR ALL LIGHT FIXTURES, ALL SHALL BE COLOR CORRECTIVE.
2. ALL FIXTURES SHALL BE FUSED.
3. ALL FIXTURES SHALL BE LOCALLY APPROVED FOR THIS INSTALLATION.
4. ALL LIGHT FIXTURES SHALL BE 120 VOLT, UNLESS NOTED OTHERWISE.
5. ALL FIXTURES & WIRING SHALL BE APPROVED FOR PLENUM, (PLENUM AREAS IF, ANY E.C. TO VERIFY WITH MECHANICAL CONTRACTOR).
6. E.C. TO INCLUDE 2 SPARE EXIT SIGNS & 2 SPARE CEILING BATTERY PACKS W/ 100' OF CONDUIT & WIRING INSTALLED FOR FUTURE FIRE DEPT. REVISIONS.
7. ALL LAMPS T8 & BALLAST SHALL BE ELECTRONIC ENERGY EFFICIENT UNO.
8. EXIT SIGN & EMERGENCY BATTERY LIGHTS SHALL BE EQUIPT WITH BATTERIES SIZED TO CARRY LOAD FOR 1 1/2 HOURS MIN.
9. ALL FLUORESCENT LIGHT FIXTURES DOUBLE ENDED SHALL HAVE A DISCONNECTING MEANS PER 410.130(G).
10. FOR EXACT LIGHT FIXTURE LOCATIONS & INFORMATION SEE ARCHITECTURAL PLANS.
11. ALL LIGHT FIXTURES, EXIT SIGNS & BATTERY UNITS SHALL HAVE CUTS APPROVED BY ARCHITECT BEFORE ORDERING.
12. ALL FIXTURES SHALL BE LABELED BY MANUF. FOR MAX WATTS AS SHOWN IN SCHEDULE.
13. NOT USED.
14. EC SHALL INCLUDE IN BID TO INSTALL & WIRE ALL FIXTURES WITH "FIXTURE ALLOWANCE" SHOWN.
15. ADD DIMMING CAPABILITY FOR ALL LIGHT FIXTURES ON DIMMERS.

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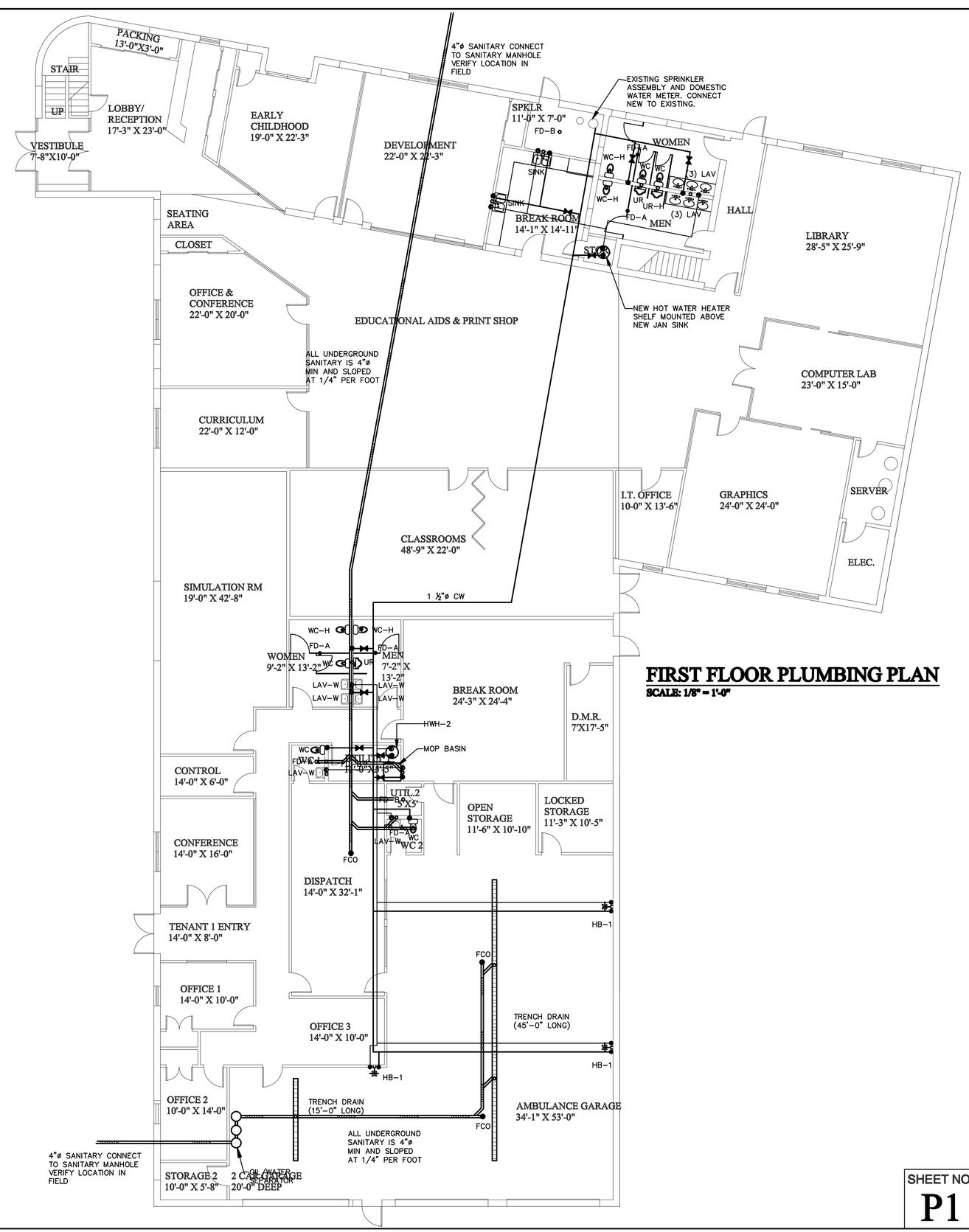
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SHEET NO.
E3




## SECOND FLOOR PLUMBING PLAN

**SCALE: 1/8" = 1'-0"**




## FIRST FLOOR PLUMBING PLAN

**SCALE: 1/8" = 1'-0"**

## GENERAL NOTES:

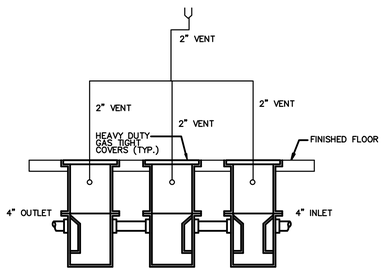
1. PLUMBING CONTRACTOR SHALL EXECUTE ALL WORK SO THAT IT PROCEEDS w/ A MINIMUM OF INTERFERENCE w/ OTHER TRADES.
2. VERIFY EXACT ROUGH-IN AND FINAL EQUIPMENT REQUIREMENTS WITH ROUGH-IN DRAWINGS PROVIDED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTIONS TO PLUMBING FIXTURES. THIS INCLUDES, BUT IS NOT LIMITED TO, PROVIDING (FURNISHING AND INSTALLING) ALL TRAPS, DRAINS, AND SUPPLIES w/ STOPS.
4. THE CONTRACTOR SHALL VERIFY THAT ALL PIPING, AS SHOWN ON THESE DRAWINGS WILL NOT CONFLICT w/ ANY DRAINS, SCUTTLES, JOINTS, VENTS, EQUIPMENT, ETC.
5. COORDINATE ROUTING AND LOCATIONS OF WASTE AND VENT PIPING w/ ALL OTHER TRADES.
6. THE PLUMBING CONTRACTOR SHALL COORDINATE w/ THE GENERAL CONTRACTOR AND OTHER TRADES, ALL REQUIRED OPENINGS AND EXCAVATIONS. ALL REQUIRED OPENINGS IN FOUNDATIONS, FLOORS, WALLS, AND ROOFS SHALL BE DESIGNED INTO THE STRUCTURE INITIALLY BY THE USE OF SLEEVES, CURBS, ETC. CUTTING AND PATCHING SHALL BE HELD TO A MINIMUM.
7. ALL ITEMS PROJECTING THROUGH THE ROOF SHALL BE FLASHED A MINIMUM OF 12" ABOVE THE ROOF. ALL VENTS SHALL BE A MINIMUM OF 10' FROM ANY OUTSIDE AIR INTAKE.
8. INSULATE EXPOSED WATER SUPPLY AND WASTE PIPING UNDER OPEN LAVATORIES w/ "HANDI-LAV GUARD" JACKET BY TRUEBRO (203) 875-2968.
9. PROVIDE DIELECTRIC COUPLINGS AT ALL DISSIMILAR METAL PIPE CONNECTIONS.
10. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDENSATE DRAIN PIPING AND FITTINGS. INSULATE ALL CONDENSATE DRAIN PIPING AND FITTINGS INSIDE THE BUILDING w/ 1/2" "ARMAFLEX" PIPE INSULATION.
11. PROVIDE STOPS AND SHOCK ABSORBERS AT EACH FIXTURE OR GROUP OF FIXTURES.
12. WATER LINES INSTALLED IN EXTERIOR WALLS SHALL BE INSTALLED INSIDE OF WALL INSULATION AND INSULATED INDIVIDUALLY TO PROTECT FROM FREEZING.
13. CONTRACTOR TO PROVIDE MAIN WATER SERVICE BACK FLOW PREVENTER AS REQUIRED BY LOCAL OR STATE CODE.
14. COORDINATE ROUTING AND LOCATION OF PIPING WITH DUCTWORK, LIGHTS, AND STRUCTURE. PIPING SHALL RISE, JOG OR OFFSET AS REQUIRED TO AVOID CONFLICTS. MODIFICATION OF INSTALLED PIPING TO RESOLVE CONFLICTS ARISING FROM LACK OF COORDINATION SHALL BE DONE BY THE PLUMBING CONTRACTOR AT NO EXPENSE TO THE OWNER.
15. PLUMBING CONTRACTOR SHALL PROVIDE BACK FLOW PREVENTION ON THE WATER SUPPLY LINES FOR THE MOP SINK AND ALL OTHER FIXTURES WITHOUT INTEGRAL BACK FLOW PREVENTION DEVICES.
16. ALL PIPE SHALL BE NEW, CUT SQUARE, REAMED AND FREE OF BURRS. PRIOR TO INSTALLATION IT SHALL BE THOROUGHLY CLEANED AND THREADS SHALL BE TAPERED. PIPE SHALL BE CUT ACCURATELY TO MEASUREMENTS ESTABLISHED AT THE BUILDING AND WORKED INTO PLACE WITHOUT SPRINGING OR FORCING. OPEN ENDS SHALL BE CLOSED DURING CONSTRUCTION TO PREVENT DIRT OR BUILDING MATERIALS FROM ENTERING. CHANGES IN DIRECTION SHALL BE MADE WITH FITTINGS AND CHANGES IN SIZES WITH ECCENTRIC REDUCING FITTINGS. ALL FITTINGS SHALL BE CATALOGED AND MANUFACTURED BY AN APPROVED MANUFACTURER.
17. VALVES AND UNIONS OR FLANGES SHALL BE PROVIDED TO ISOLATE EACH PIECE OF EQUIPMENT, BRANCH CIRCUIT OR SECTION OF PIPING. SWING JOINTS SHALL BE PROVIDED AT RUNOUTS TO EQUIPMENT AS WELL AS SUFFICIENT EXPANSION OF LOOPS OR SWING CONNECTIONS AT OTHER POINTS TO ALLOW FOR SERVICE, MAINTENANCE REPAIR OR REPLACEMENT OF EQUIPMENT WITHOUT CUTTING OR SPRINGING PIPING.
18. ALL PIPING AND FITTINGS SHALL CONFORM TO ALL ASTM AND ASA STANDARDS.
19. DOMESTIC HOT AND COLD WATER PIPING SHALL BE FILLED, THEN TESTED TO A HYDROSTATIC PRESSURE OF 150 PSIG. MAINTAIN TEST PRESSURE FOR A MINIMUM OF ONE HOUR.
20. SANITARY PIPING, PREVIOUS TO CONNECTION OF FIXTURES, SHALL BE FILLED WITH WATER TO THE TOP OF THE SYSTEM AND PROVEN TIGHT. WHEN TESTING THE SYSTEM BY SECTIONS THE MINIMUM HEIGHT OF THE WATER COLUMN SHALL BE 10 FEET. EXAMINE ALL JOINTS FOR LEAKS.
21. GAS PIPING SHALL BE TESTED WITH NITROGEN TO 50 PSIG PRESSURE SHALL BE MEASURED WITH A MANOMETER. MAINTAIN TEST PRESSURE FOR A MINIMUM OF 30 MINUTES.
22. AFTER TESTS ARE COMPLETED ALL WATER SUPPLY SYSTEMS SHALL BE FILLED WITH A SOLUTION CONTAINING 100 PPM OF AVAILABLE CHLORINE AND ALLOWED TO STAND FOR A PERION OF TWO HOURS BEFORE FLUSHED WITH CLEAN WATER.
23. ALL KITCHEN FAUCETS HAND HELD SPRAYERS SHALL HAVE A WATTS N9 SERIES DUAL CHECK VALVE VACUUM BREAKER (OR EQUAL) INSTALLED AFTER THE CONTROL VALVE.
24. WITHIN THE BUILDING WHERE A HEALTH OF SAFETY HAZARD EXISTS BECAUSE OF AN EXISTING PLUMBING INSTALLATION OF LACK THEREOF, THE OWNER OR HIS AGENT SHALL INSTALL ADDITIONAL PLUMBING OR MAKE SUCH CORRECTIONS AN MAY BE NECESSARY TO ABATE THE HAZARD OR VIOLATION.
25. STACK TEST REQUIRED ON ALL ROUGH AND UNDERGROUND PLUMBING.
26. 25lb AIR TEST REQUIRED ON GAS PIPING AT TIME OF ROUGH INSPECTION.
27. 75lB AIR TEST OR WATER PRESSURE REQUIRED ON WATER PIPING AT TIME OF ROUGH INSPECTION.
28. ALL EXISTING PLUMBING THAT MAY POSE A HEALTH OR SAFETY HAZARD MUST BE REVISED TO MEET ILLINOIS PLUMBING CODE AND VILLAGE OF LINCOLNWOOD ORDINANCES.
29. ALL NEW PLUMBING MUST MEET ILLINOIS PLUMBING CODE AND VILLAGE OF LINCOLNWOOD ORDINANCES.
30. ALL FLOOR DRAINS AND TRENCH DRAINS TO BE INDIVIDUALLY VENTED.
31. ALL NEW PLUMBING FIXTURES MUST BEAR THE WATER SENSE LABEL. DO NOT REMOVE THE WATERSENSE LABEL PRIOR TO PASSING THE FINAL INSPECTION AND HAVE FIXTURE CUT SHEETS ONSITE FOR FINAL INSPECTION.

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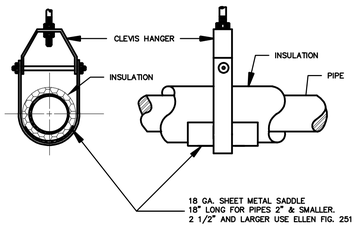
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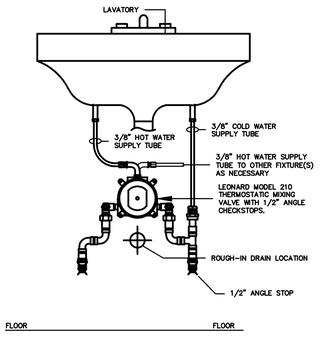



MINIMUM CAPACITY OF EACH BASIN SHALL BE 6 CU. FT. (45 GALLONS)
MINIMUN DEPTH FOR THE INLET AND OUTLET SHALL BE 24"
BASIN'S SHALL BE CAST IRON, STEEL, POLYETHYLENE, OR DURABLE FIBERGLASS

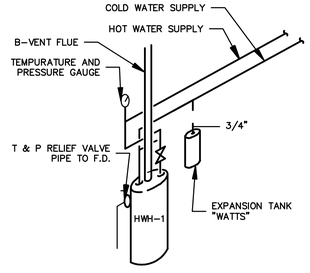
OIL/WATER SEPARATOR | 3




5 | SUSPENDED PIPE SUPPORT

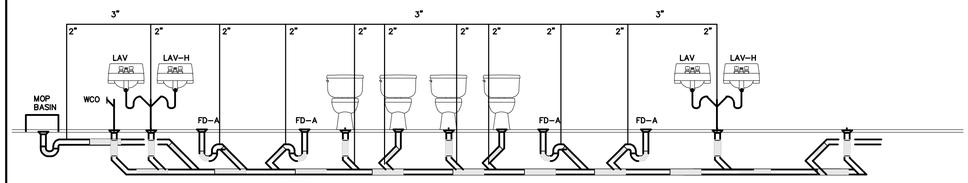



THERMOSTATIC MIXING VALVE (TMV) | NOT USED

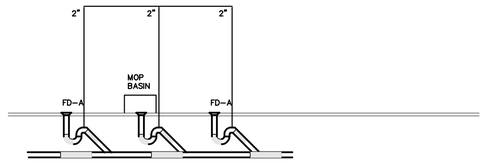



| WATER HEATER SCHEDULE (GAS) | | | | | | | |
|---|---|---|---|---|---|---|---|
| TAG NO. | CAPACITY | GAS INPUT | RECOVERY GPH 90° RISE | FIRST HOUR DELIVERY GPH | ENERGY FACTOR | MANUFACTURE MODEL NO. | REMARKS |
| HWH-1 | 81 GAL. | 180,000 | 174 | 231 | 95% | A.O. SMITH BTR-180 | 1/2" GAS PIPE TO MAIN |

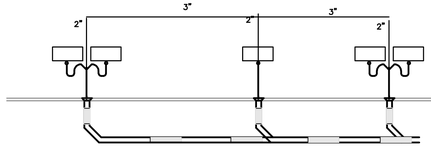
8 | HOT WATER HEATER



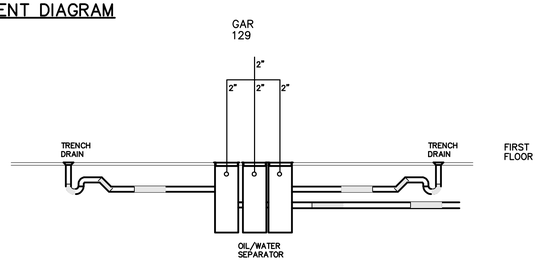

SV 1 SANITARY & VENT DIAGRAM
SCALE: NONE

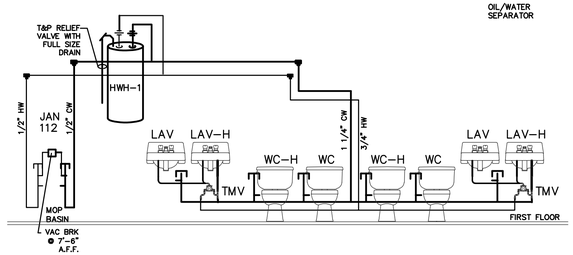



SV 2 SANITARY & VENT DIAGRAM
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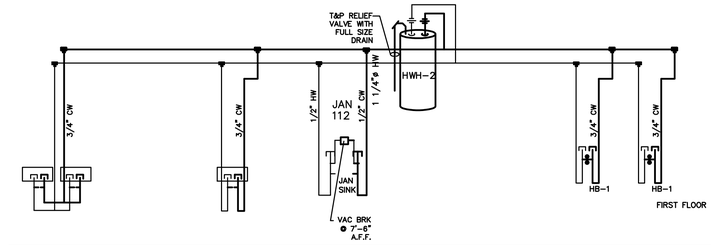



SV 3 SANITARY & VENT DIAGRAM
SCALE: NONE




HC 1 HOT & COLD WATER DIAGRAM
SCALE: NONE




SV 3 HOT & COLD WATER DIAGRAM
SCALE: NONE

| PLUMBING FIXTURES | | |
|---|---|---|
| WATER CLOSET | WC | AMERICAN STANDARD MODEL 2898.012 CADET 15" H PRESSURE ASSISTED ELONGATED TOILET WITH WATER SAVER 1.6 GAL FLUSH, ELONGATED BOWL, PRESSURE ASSISTED SIPHON JET FLUSH ACTION, SPEED CONNECT TANK/BOWL COUPLING SYSTEM, VITREOUS CHINA AND 17" RIM HEIGHT. MEETS ANSI STANDARD A112.19.2 REQUIREMENTS PROVIDE WITH NO. 3405.016 SUPPLY PIPE. PROVIDE TANK WITH THE TRIP LEVER ON THE PROPER SIDE TO ALLOW FLUSH ACTION FROM THE OPEN SIDE OF THE TOILET AREA.<br><br>TOILET SEAT TO BE BENEKE MODEL NO. 527 WHITE OPEN FRONT SEAT. |
| WATER CLOSET HANDICAP | WC-H | AMERICAN STANDARD MODEL 2168.100 CADET 17" H PRESSURE ASSISTED ELONGATED TOILET WITH WATER SAVER 1.6 GAL FLUSH, HANDICAPPED ELONGATED BOWL, PRESSURE ASSISTED SIPHON JET FLUSH ACTION, SPEED CONNECT TANK/BOWL COUPLING SYSTEM, VITREOUS CHINA AND 17" RIM HEIGHT. MEETS ANSI STANDARD A112.19.2 REQUIREMENTS PROVIDE WITH NO. 3405.016 SUPPLY PIPE. PROVIDE TANK WITH THE TRIP LEVER ON THE PROPER SIDE TO ALLOW FLUSH ACTION FROM THE OPEN SIDE OF THE TOILET AREA.<br><br>TOILET SEAT TO BE BENEKE MODEL NO. 527 WHITE OPEN FRONT SEAT. |
| LAVATORY WALL HANDICAP | LAV-W | MANSFIELD-WALNUT KNOLL 2008 20"x18" WALL MOUNTED LAVATORY WITH BACKSPLASH, BACK LEDGE WITH 16"x10 3/4" BASIN. HANDICAP BLADE HANDLES AND GOOSE NECK FAUCET. |
| FLOOR DRAIN | FD-A | J.R. SMITH MODEL NO. 2010 – MODEL NO. 2010 – NICKEL BRONZE SQUARE TOP, GENERALLY FOR FINISHED AREAS. |
| FLOOR DRAIN | FD-B | J.R. SMITH MODEL NO. 3100 – NICKEL BRONZE SQUARE TOP, 8 1/2" SQUARE TOP GENERALLY FOR EQUIPMENT AREAS. |
| FLOOR CLEANOUT | FCO | J.R. SMITH MODEL NO. 4000 – NICKEL BRONZE ROUND TOP, WITH GASKET SEAL BRONZE PLUG. |
| | | |
| MOP BASIN | | NOTED AS "JAN SINK" ON THE DRAWING FIAT TSBC-1611 FLOOR MOUNTED PRECAST TERRAZZO, 32"x32"x12", 12" HIGH WITH FAUCET 8344.112 WITH TOP BRACE, STOPS, AND VACUUM BREAKER. |
| TRENCH DRAIN | TD | TRENCH DRAIN SHALL BE J.R. SMITH MODEL NO. 2710, 4"ø OUTLET |

** VERIFY ALL FIXTURES WITH OWNER PRIOR TO PURCHASE AND APPROVED SHOP DRAWING.

| PLUMBING FIXTURES | | |
|---|---|---|
| | | |
| WALL MOUNT BIBB | HB-2 | CHICAGO FAUCET 95212 CP SILL FAUCET ONE HANDLE TYPE CHROME TEE MATERIAL OF CONSTRUCTION BRASS FAUCET FINISHING CHROME SPOUT 2 3/8in. SPOUT STANDARD NUMBER OF HOLES, 1 WALL MOUNTING CONNECTION 1/2" FNPT IN. FLOW RATE 7 gpm. WITH VACUUM BREAKER AT 7'-6" AFF |
| | | |
| | | |
| | | |
| SINK | SINK | JUST MODEL SL-2219-A-GR 22"x22" 18 ga. x 7 1/2" DEEP WITH DECK MOUNTED FAUCET J-1174-KS |
| | | |

| COLD WATER FIXTURE LOAD | | | |
|---|---|---|---|
| QUANITY | FIXTURE/EQUIPMENT | FIXTURE UNITS (EACH) | TOTAL FIXTURE UNITS |
| 4 | WATERCLOSET (FLUSH TANK) | 5 | 20 |
| 4 | LAVATORY | 2 | 8 |
| 2 | MOP BASIN | 3 | 6 |
| 1 | SINK | 2 | 2 |
| 2 | HOSE BIBB | 2 | 4 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | FIXTURE UNITS TOTALS | 40 |
| | | TOTAL GPM | 24.3 |

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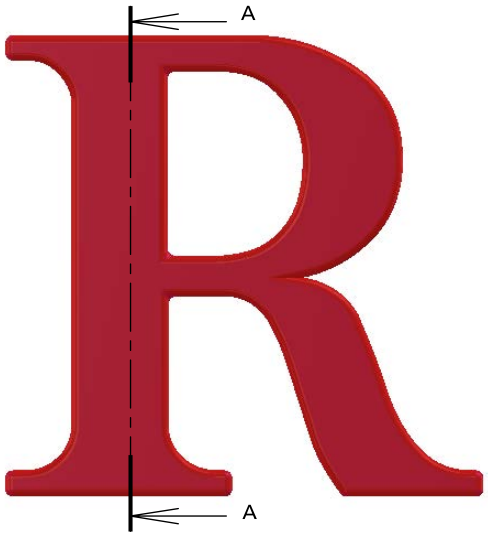
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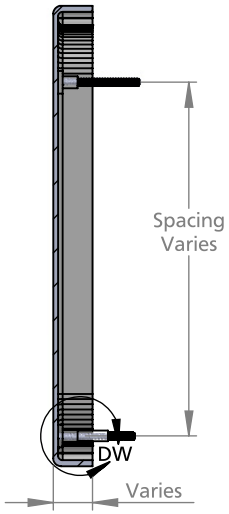


Return to VB Agenda

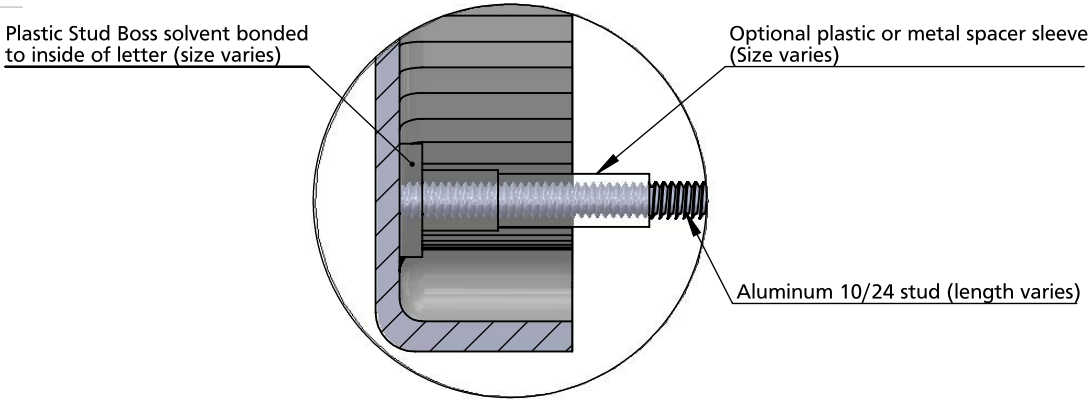




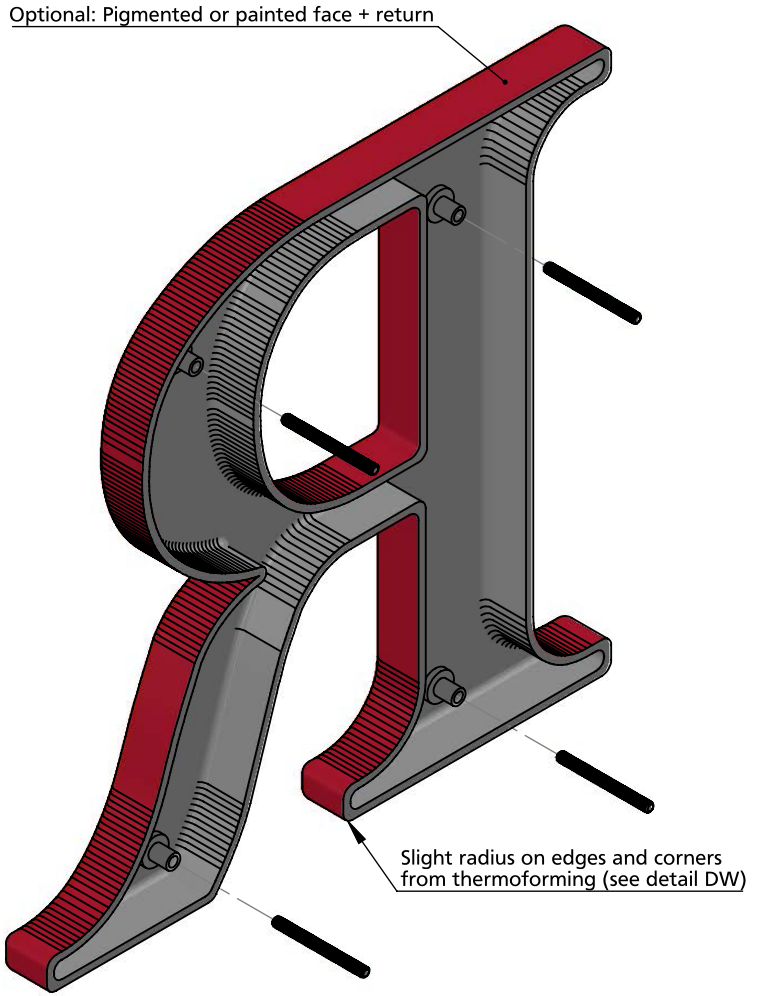

FRONT VIEW II SCALE 1:5




SECTION VIEW A-A II SCALE 1:5




DETAIL DW II SCALE 1:1




ISOMETRIC BACK VIEW II SCALE 1:3

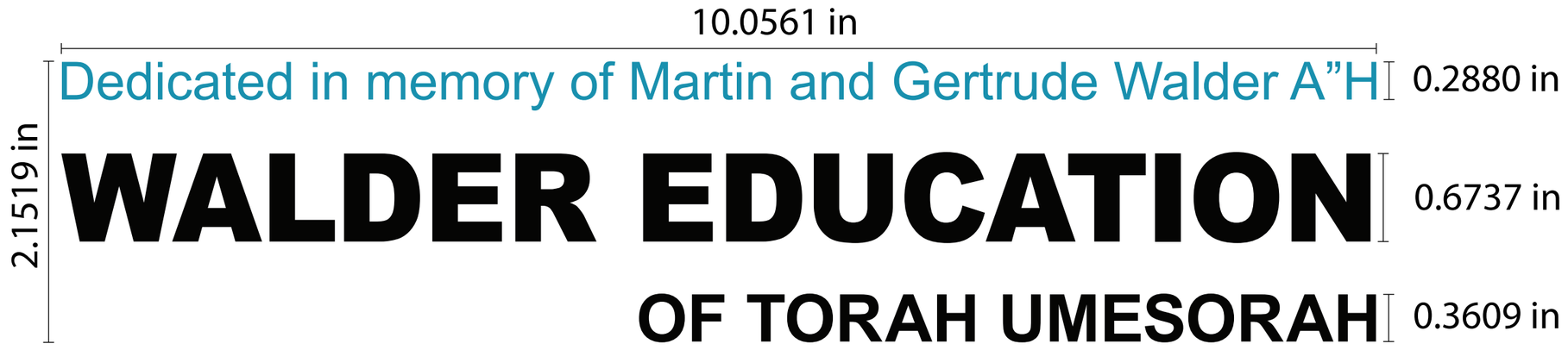
NOTES:
Typical stud length 2" beyond back of letter

FASTSIGNS | Skokie
3437 Dempster St • Skokie, IL 60076

TITLE: FORMED PLASTIC - STUD MOUNT

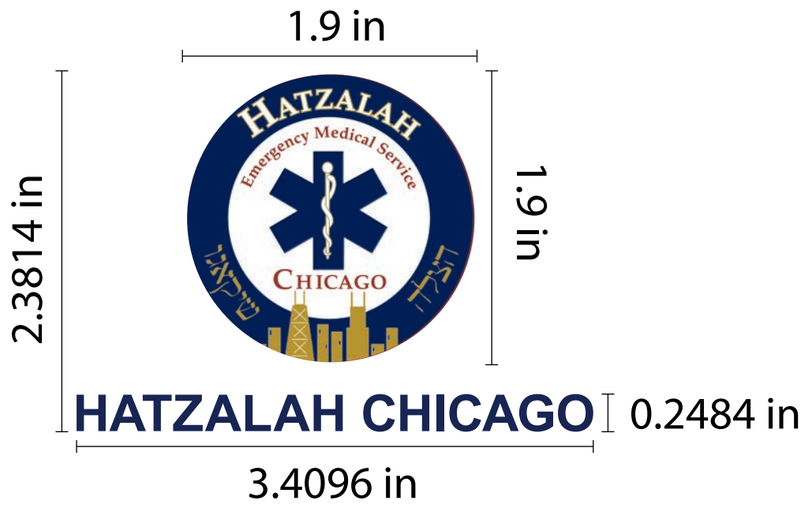
| MATERIAL: | PRODUCT TYPE: |
|---|---|
| PLASTIC | PLASTIC LETTERS |

| DWG NO. FORM10 | REV 02/24/15 | SCALE: AS INDICATED | SHEET 1 OF 1 |
|---|---|---|---|




NOTES:
Impact Modified Acrylic Letters
Flush Stud Mounted
Non-Illuminated
Refer to drawing "LASR20" for mounting

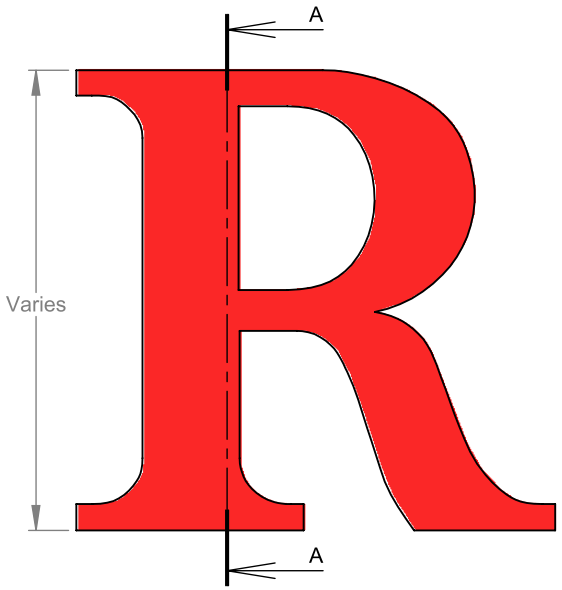
LINCOLN AVE



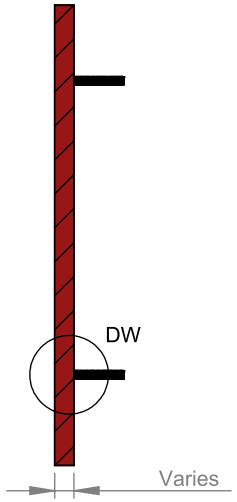

NOTES:
Formed Plastic Letters
Flush Stud Mounted
Non-Illuminated
Refer to drawing "Form10" for mounting

HAMLIN AVE

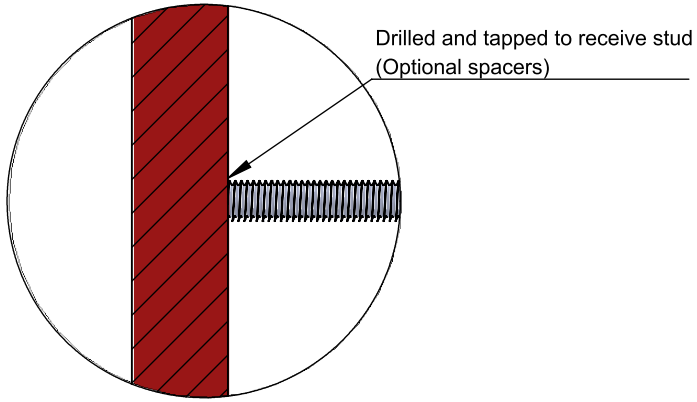
| SCALE | | |
|---|---|---|
| 1/32 in = 1 ft | Facade Signage for: 6530 N. LINCOLN AVE LINCOLNWOOD, ILLINOIS | FASTSIGNS \| Skokie 3437 Dempster St • Skokie, IL 60076 |



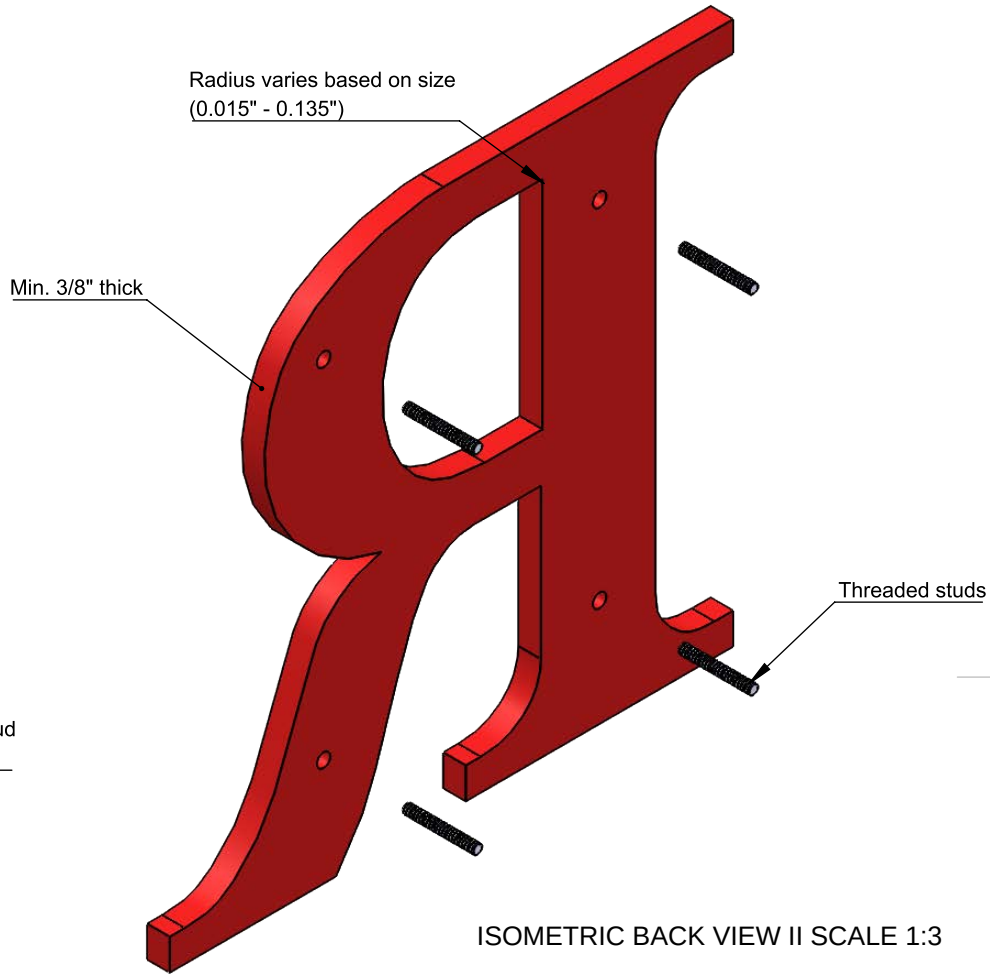

FRONT VIEW II SCALE 1:5




SECTION A-A II SCALE 1:5




DETAIL DW II SCALE 1:1




ISOMETRIC BACK VIEW II SCALE 1:3

NOTES:
- Pigmented
- Impact modified acrylic - Laser cut
- Standard - backs are drilled and tapped for 10/24 aluminum studs
- Min. 3/8" thick- drilled and tapped
- Min. 1/4" stroke
- Aluminum 10/24 studs standard, 6/32 studs for thin strokes (stainless steel optional)
- Available gauges (3/8" 1/2" 3/4" 1" 1 1/2" thick
- Pigmented acrylic

FASTSIGNS | Skokie

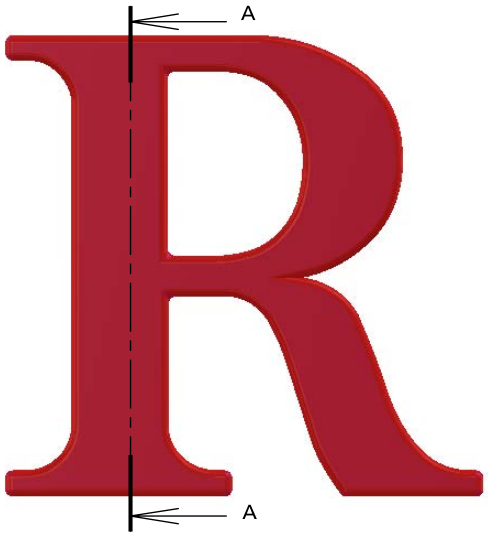
3437 Dempster St • Skokie, IL 60076

TITLE:

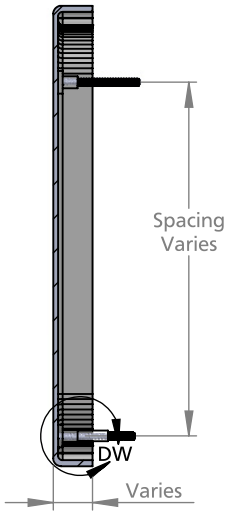
# LASER CUT ACRYLIC - FLUSH STUD MOUNT

| MATERIAL: | PRODUCT TYPE: |
|---|---|
| IMPACT MODIFIED ACRYLIC | PLASTIC LETTERS |

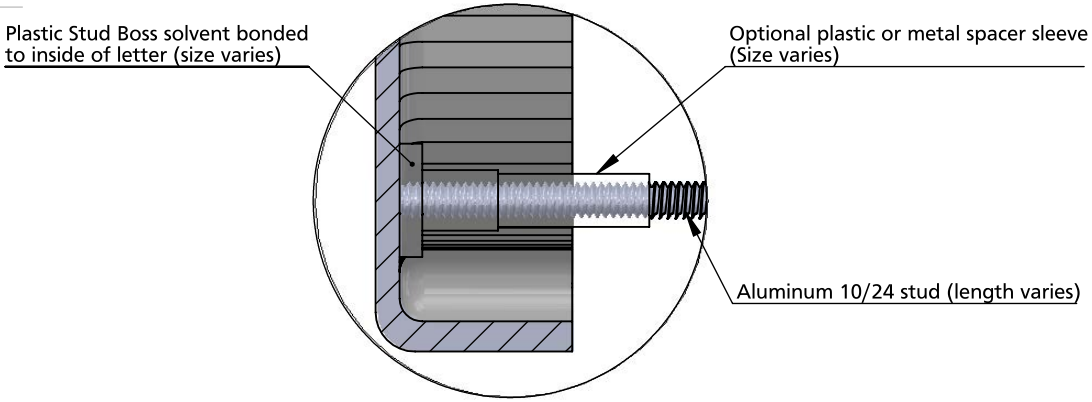
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|---|---|---|---|



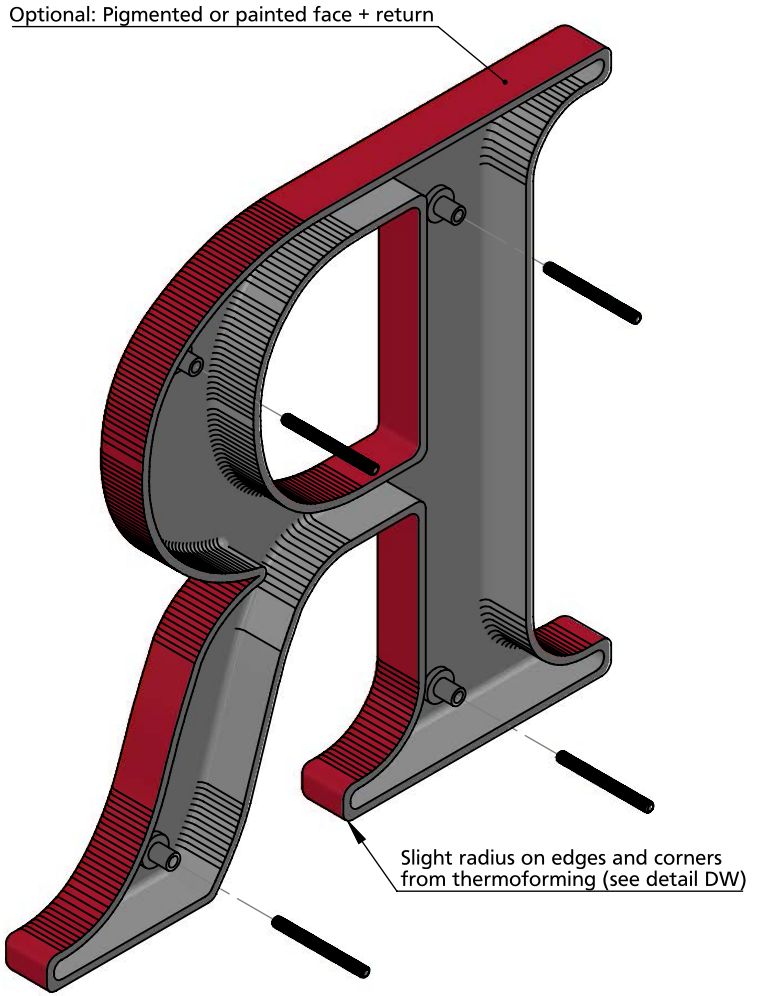

FRONT VIEW II SCALE 1:5




SECTION VIEW A-A II SCALE 1:5




DETAIL DW II SCALE 1:1




ISOMETRIC BACK VIEW II SCALE 1:3

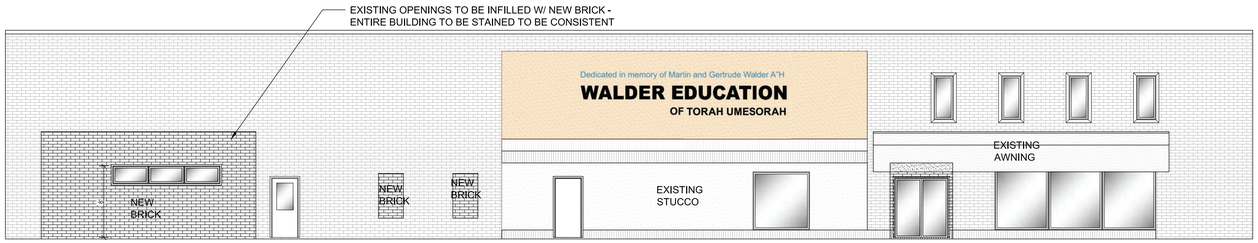
NOTES:
Typical stud length 2" beyond back of letter

FASTSIGNS | Skokie
3437 Dempster St • Skokie, IL 60076

TITLE: FORMED PLASTIC - STUD MOUNT

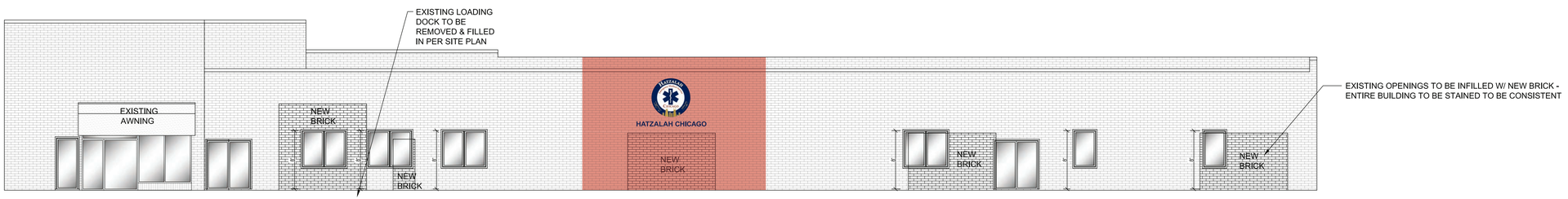
| MATERIAL: | PRODUCT TYPE: |
|---|---|
| PLASTIC | PLASTIC LETTERS |

| DWG NO. FORM10 | REV 02/24/15 | SCALE: AS INDICATED | SHEET 1 OF 1 |
|---|---|---|---|



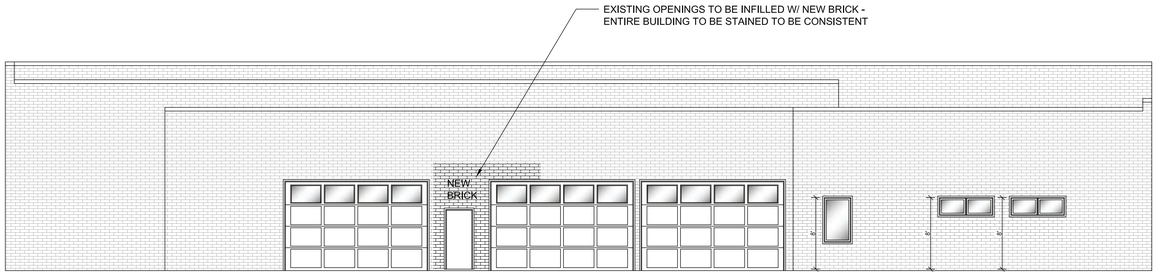

## 01 PROPOSED NORTHEAST (LINCOLN AVE) ELEVATION

SCALE: 1/8"=1'-0"



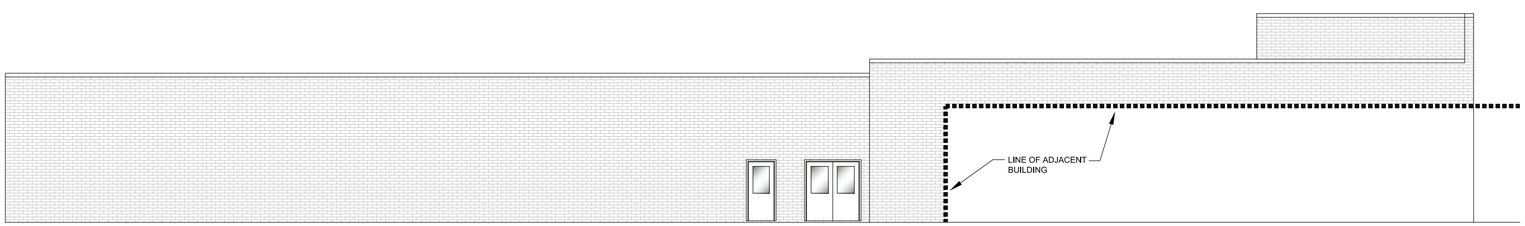

## 02 PROPOSED NORTHWEST (HAMLIN AVE) ELEVATION

SCALE: 1/8"=1'-0"




## 03 PROPOSED SOUTHWEST (ARTHUR AVE) ELEVATION

SCALE: 1/8"=1'-0"




## 04 PROPOSED SOUTHEAST ELEVATION

SCALE: 1/8"=1'-0"

SHEET NO. A-5

| DATE: |
|---|
| 03.10.17 |
| 05.15.17 |
| 06.15.17 |
| 06.20.17 |
| 08.02.17 |
| 08.02.17 V2 |
| 09.11.17 |
| 09.13.17 |

PROJECT:
INTERIOR & EXTERIOR RENOVATIONS TO:
6530 N. LINCOLN AVE
LINCOLNWOOD, ILLINOIS

TOWN STUDIOS, INC.
TOWN STUDIOS, INC.
1297 SHERMER ROAD NORTHBROOK, IL 60062
PHONE: 847-498-0900
WWW.TOWNSTUDIOS.COM

Return to VB Agenda

# HATZALAH CHICAGO

Hatzalah Chicago
PO Box 59816
Chicago, IL 60659
info@hatzalahchicago.org
Phone (847) 454-0800
(non-emergency)
Fax (847) 324-4577

**RABBINICAL BOARD**
Rabbi Zev Cohen
Rabbi Shmuel Fuerst
Rabbi Baruch Hertz
Rabbi Leonard Matanky
Rabbi Gedalia Dov Schwartz
Rabbi Chaim Twerski

**MEDICAL BOARD**
Dr. Michael Friedman
Dr. Eli Jacobs
Dr. Joel Okner
Dr. Gary Schreiber
Dr. Phil Zaret

**BOARD OF DIRECTORS**
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Simcha Frank
Eliezer Hildeshaim
Tzvi Montrose
Hillel Shapiro
Ari Shulman
Shlomo Starck

**OFFICERS**
Rivka Kompel

08/03/2017

**Village of Lincolnwood**

c/o Steve McNellis - Community Development Director

6900 North Lincoln Avenue

Lincolnwood, Illinois 60712

Email: smcnellis@lwd.org

**RE: 6530 North Lincoln Avenue – Hatzalah Lights and Sirens**

Dear President Bass and Village Board of Trustees:

Hatzalah Chicago was formed to enhance pre-hospital care and develop a higher level of emergency preparedness and support in the Chicagoland Jewish Community by augmenting the existing services provided by the municipalities. In emergency medical situations where every second counts, community members deserve to have access to the best possible care.

As you are aware, we are seeking support for zoning changes to 6530 N. Lincoln to permanently house our organization. Hatzalah Chicago's goal is to provide emergency medical response 24 hours a day, 7 days a week within defined geographical boundaries of Lincolnwood, Peterson Park, Skokie, and West Rogers Park.

We are committed to being great neighbors. To ensure there is minimal disturbance to our neighbors, we hereby agree that we will not turn on our sirens while the ambulance is in the garage, or when we are leaving our garage and traveling on Hamlin Avenue or Arthur Avenue. The sirens will only be turned on once our vehicles reach either Lincoln Avenue or Devon Avenue.

We hope this satisfies any concerns you have.

Sincerely,

Tzvi Montrose

# Appendix #7 Relevant Code Sections

## Subdivision Ordinance (Chapter 16 of the Village Code)

### Consolidation of More Than Two Lots

#### *Section 16-5-2. Lots*

1) Consolidations.
    1) Two lots. For the consolidation of two lots into one lot, the total side yard setbacks for the new lot shall comply with the setbacks required by the Zoning Ordinance for the district in which the lot is located, and the individual side yard setbacks shall be subject to the review and approval of the Plan Commission.
    2) More than two lots. No consolidation of more than two lots shall be permitted unless a variation is granted pursuant to Article 9 of this Chapter 16. In granting any such variation, the Board of Trustees may, pursuant to Section 16-9-3 of this Code, impose certain conditions, including, without limitation, any one or more of the following conditions:
        a) The installation of additional landscaping on the lot;
        b) An increase in the width of any required yard or yards on such lot beyond what is required by the Zoning Ordinance;
        c) A restriction on the gross floor area for the lot that is less than what is permitted by the Zoning Ordinance; and
        d) A restriction on the maximum impervious surface on the lot.

## Zoning Ordinance (Chapter 15 of the Village Code)

### Rear Yard Setback in the B-1 District

*Section 4.13 Area, bulk, density and setback standards: Business and Office Districts* establishes a minimum rear yard setback of 10 feet.

### Side Yard Setback in the M-B District

*Section 4.14 Area, bulk, density and setback standards: M-B District* establishes a minimum side yard setback of 5 feet.

### Rear Yard Setback in the M-B District

*Section 4.14 Area, bulk, density and setback standards: M-B District* establishes a minimum rear yard setback of 5 feet.

### Parking Lot Curb Requirement

Section 6.14 Minimum landscape requirements for off-street parking lots.

1) Perimeter screening required. Every off-street parking lot or parking area containing, five or more parking spaces shall be set back, buffered and screened from public view and adjacent

property by a perimeter landscaped area having a minimum width of eight feet, or, where screening shall consist of a masonry wall, a minimum width of five feet.

a. The minimum width for the perimeter screening area shall be measured from the property line and shall not include any parking overhang.
b. Screening within the perimeter setback area shall consist of a masonry wall, densely planted hedge or massing of shrubs resulting in a 75% semi-opaque screen within one year of installation, installed in a manner so as to inhibit public views of the parking area.
c. Perimeter screening shall be continuous, except for breaks as may be permitted for sidewalks, driveways and sight triangles.
d. Masonry walls used for perimeter screening shall have a minimum height of 30 inches and a maximum height of 36 inches. Such walls shall have a finished surface which is the same or closely similar to the masonry of the principal building.
e. Shrubs planted as perimeter screening shall be at least three feet in height at time of installation.
f. The surface of the perimeter setback area shall be suitably covered with grass, ground cover or similar vegetation and periodically mulched. Impervious materials such as asphalt, concrete or a layer of stone is prohibited.
g. A six-inch continuous poured-in-place concrete curb shall separate all drive and parking surfaces from landscape areas.
h. Upon petition, the ZBA may recommend a creative alternate perimeter screening plan of berms, walls, shrubs, trees or other material, which has the effect of providing a minimum three-foot high visual screen of parking areas.

## Section 5.15 Major Variations Standards

(7) Standards. In determining whether in a specific case there are practical difficulties or particular hardships in the way of carrying out the strict letter of this Zoning Ordinance, there shall be taken into consideration the extent to which the following facts are established:

a. The requested Major Variation is consistent with the stated intent and purposes of this Zoning Ordinance and the Comprehensive Plan;

b. The particular physical surroundings, shape or topographical conditions of the subject property would bring a particular hardship upon the owner, as distinguished from a mere inconvenience, if the strict letter of this Zoning Ordinance is enforced;

c. The conditions upon which the petition for the Variation is based would not be applicable generally to other property within the same zoning district;

d. The Variation is not solely and exclusively for the purpose of enhancing the value of or increasing the revenue from the property;

e. The alleged difficulty or hardship has not been created by any person presently having an interest in the property;

f. The granting of the Variation will not be detrimental to the public welfare or injurious to other property or improvements in the neighborhood in which the property is located;

g. The Variation granted is the minimum change to the Zoning Ordinance standards necessary to alleviate the practical hardship on the subject property; and

h. The proposed Variation will not impair an adequate supply of light and air to adjacent property, or substantially increase the danger of fire, or otherwise endanger the public safety, or substantially diminish or impair property values within the neighborhood.

# Request For Board Action

**REFERRED TO BOARD:** February 6, 2018 **AGENDA ITEM NO: 2**

**ORIGINATING DEPARTMENT:** Community Development

**SUBJECT: Approval of a Recommendation by the Zoning Board of Appeals to Adopt an Ordinance Approving a Zoning Code Variation Request Regarding Building Foundation Landscaping Requirements at 7110 North Lincoln Avenue**

**SUMMARY AND BACKGROUND OF SUBJECT MATTER:**

L Woods, LLC, on behalf of Nerad Family LLC, Property Owner, seeks a Variation to allow the expansion of the existing building and construction of an outdoor dining area without the required six-foot-wide area for foundation landscaping. The dining area would be enclosed by a half-wall that would protect it from the adjacent parking lot drive aisle used for circulation along the northwest side of the building. The outdoor dining area would require the removal of two existing parking spaces, though the remaining parking on the site exceeds the required amount of parking for the use. The existing drive aisle meets the minimum requirement for width for a one-way aisle, and installing the required building foundation landscaping would reduce the drive aisle width to a non-compliant and non-functional dimension. Therefore, the Petitioner is requesting a Variation from the building foundation landscape requirement.



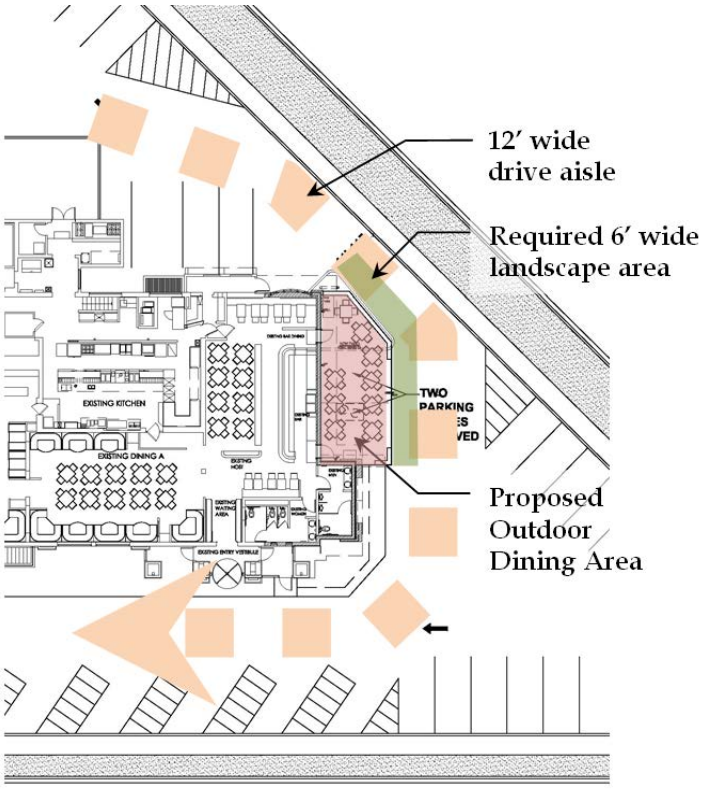

***Existing Parking Spaces (top) and Proposed Outdoor Dining Area (bottom)***

Requested Zoning Action

Section 6.15 of the Zoning Ordinance requires that *"a minimum setback and landscape area of six feet in width shall be located immediately along the front and sides of all buildings."* However, accommodating such a landscape area along the foundation of the proposed outdoor dining area would encroach upon the existing one-way drive aisle such that it would no longer be functional. This drive aisle is essential to site circulation and access to other parts of the parking lot. Therefore, the Petitioner is seeking relief from Section 6.15 of the Zoning Ordinance related to the building foundation landscaping requirement.

**Public Hearing**
Chairman O'Brien swore in representatives of the Petitioner Terry Lawler, General Manager of LWoods, Ethan Sampson, Associate General Counsel with Lettuce Entertain You, and Steven Weiss, Weiss Architects.

Commissioner Nickell questioned if the proposed wall of the outdoor dining area would have any protections in the event of a distracted driver colliding with the space. Mr. Weiss explained that the north and south corners would be constructed of masonry, stone walls which would stop a car from causing injury to patrons.




Petitioners answered Commissioner questions regarding access to the outdoor dining area and how service would be provided from the interior of the building. Commissioner Hussain asked Development Manager Hammel if there was any consideration to move the sidewalk and drive aisle towards the street to allow for the required landscaping. Development Manager Hammel explained that this option had not been explored; however, it would require complex coordination with the Public Works Department.

**Zoning Board of Appeals Recommendation**
The Zoning Board of Appeals found that the standards of the Variation request had been met. Commissioner Grant introduced a motion of approval that included the condition that the top of the wall enclosing the outdoor dining area include planter boxes with vegetation. The Petitioner agreed to this condition, and the motion recommending approval of the Variation request was unanimously passed by a vote of 7-0.

**FINANCIAL IMPACT:**
None

**DOCUMENTS ATTACHED:**
1. Proposed Ordinance
2. January 17, 2018 Zoning Board of Appeals Meeting Minutes Excerpt (Draft)
3. January 17, 2018 Zoning Board of Appeals Staff Report
4. Zoning Variations Application
5. Topographic Survey
6. Proposed Site Plan
7. Before and After Renderings of the Proposed Improvement
8. Relevant Village Code Sections

**RECOMMENDED MOTION**:
**Move to approve** an Ordinance granting a Variation request regarding building foundation landscaping at 7110 North Lincoln Avenue.

Return to VB Agenda

THIS SPACE FOR RECORDERS USE ONLY

**VILLAGE OF LINCOLNWOOD**

**ORDINANCE NO. 2018-____**

**AN ORDINANCE GRANTING LANDSCAPING VARIATIONS FOR CONSTRUCTION OF AN OUTDOOR DINING AREA**
(7110 Lincoln Avenue)

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF LINCOLNWOOD
THIS _____ DAY OF _____, 2018.

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 _____, 2018

_____
Village Clerk

**AN ORDINANCE GRANTING LANDSCAPING VARIATIONS FOR CONSTRUCTION OF AN OUTDOOR DINING AREA**
(7110 Lincoln Avenue)

WHEREAS, Nerad Family, LLC (***"Owner"***) is the record title owner of that certain property located in the B-3 Village Center Planned Development District (***"B-3 District"***), commonly known as 7110 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 7,333-square-foot restaurant (***"Restaurant"***) and a surface parking lot (***"Parking Lot"***); and

WHEREAS, L. Woods LLC (***"Applicant"***) is the lessee and operator of the Restaurant on the Property; and

WHEREAS, the Owner and the Applicant desire to expand the Restaurant and to construct an outdoor dining area within a portion of the Parking Lot (***"Outdoor Dining Area"***); and

WHEREAS, pursuant to Sections 6.11(4) and Section 6.15(1) of the Zoning Ordinance, a minimum setback and landscape area of six feet immediately along the front and sides of all buildings and of the Outdoor Dining Area (***"Foundation Landscaping"***) must be installed upon the exterior addition or enlargement of the Restaurant; and

WHEREAS, the proposed Outdoor Dining Area does not include any Foundation Landscaping, in violation of Section 6.15(1) of the Zoning Ordinance; and

WHEREAS, in order to permit the construction of the Outdoor Dining Area, the Applicant, on behalf of the Owner, has filed an application for a variation from the Foundation Landscaping requirement set forth in Section 6.15(1) of the Zoning Ordinance (***"Requested Variation"***); and

WHEREAS, a public hearing of the Zoning Board of Appeals of the Village of Lincolnwood ("***ZBA***") to consider approval of the Requested Variation was duly advertised in the *Lincolnwood Review* on December 28, 2017, and held on January 17, 2018; and

WHEREAS, on January 17, 2018, the ZBA made findings and recommendations in support of the Requested Variation, subject to specified conditions; and

WHEREAS, the Village President and Board of Trustees have determined that the Requested Variation meets the required standards for variations, 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 grant the Requested Variation, 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 VARIATION. In accordance with and pursuant to Article V and Section 6.18 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 variation from Section 6.15(1) of the Zoning Ordinance to eliminate the requirement to provide Foundation Landscaping along the front and sides of the Outdoor Dining Area.

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 Property in compliance with each and all of the following conditions:

A. Compliance with Regulations. Except to the extent specifically provided otherwise in this Ordinance, the development, use, operation, and maintenance of 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 Community Development Director 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 Restaurant, the Outdoor Dining Area, and the Property must comply with the following plans, copies of which are attached to and, by this reference, made a part of this Ordinance as **Group Exhibit B** (collectively, the ***"Plans"***).

1. The Proposed Site Plan and Improvement Area, with a latest revision date of January 9, 2018, prepared by Weiss Architects, consisting of 1 sheet; and

2. The Proposed L. Woods Tap and Lounge North Patio, with a latest revision date of November 20, 2017, prepared by Weiss Architects, consisting of four sheets.

C. Installation of Planter Boxes. The Applicant must install planter boxes containing a variety of seasonal plantings on top of the half-wall barrier separating the Outdoor Dining Area from the Parking Lot located on the north and northwest ends of the Property for the entire length of such wall (***"Planter Boxes"***). All Planter Boxes required pursuant to this Section 3.C must be installed: (i) in accordance with the landscaping requirements set forth in Part D of Article VI of the Zoning Ordinance, other than the landscaping requirements set forth in Section 6.15 of the Zoning Ordinance; (ii) as depicted in the Plans; and (iii) in a manner satisfactory to the Village Community Development Director, in his or her sole and absolute discretion.

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 Owner and the Applicant will be jointly and severally liable for the payment to the Village, promptly upon presentation of a written demand or demands therefor, of 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 Owner and the Applicant will be jointly and severally liable for, and 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 will inure solely to the benefit of, and be binding upon, the Owner and his 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 will, 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 B-3 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 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 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 will remain in full force and effect, and will 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; and

3. 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; and

B. In the event the Owner and the Applicant does not file fully executed copies of the Unconditional Agreement and Consent, as required by Section 8.A.3 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 its sole discretion, to declare this Ordinance null and void and of no force or effect.

PASSED this _____ day of _____, 2018.

AYES:

NAYS:

ABSENT:

ABSTENTION:

APPROVED by me this _____ day of _____, 2018.

_____
Barry I. Bass, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office this
_____ day of _____, 2018

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

**EXHIBIT A**

**LEGAL DESCRIPTION OF THE PROPERTY**

PARCEL #1:
THAT PART OF THE NORTH 20 ACRES OF THE WEST 30 ACRES OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 34, TOWNSHIP 41 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE SOUTHWESTERLY LINE OF LINCOLN AVENUE WITH THE EAST LINE OF KOSTNER AVENUE, SAID INTERSECTION BEING 50 FEET SOUTHWESTERLY OF THE CENTER LINE OF LINCOLN AVENUE AND 40 FEET EAST OF THE WEST LINE OF SAID NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 34; RUNNING THENCE SOUTHEASTERLY ALONG SAID SOUTHWESTERLY LINE OF LINCOLN AVENUE, A DISTANCE OF 296.02 FEET; RUNNING THENCE SOUTHWESTERLY AT RIGHT ANGLES TO SAID SOUTHWESTERLY LINE OF LINCOLN AVENUE, A DISTANCE OF 125 FEET TO A POINT; THENCE SOUTHEASTERLY ON A LINE WHICH IS 125 FEET SOUTHWESTERLY OF AND PARALLEL WITH THE SOUTHWESTERLY LINE OF LINCOLN AVENUE, A DISTANCE OF 17.78 FEET TO THE POINT OF INTERSECTION OF SAID LAST DESCRIBED LINE WITH A LINE WHICH IS 132.34 FEET WEST OF AND PARALLEL WITH SAID EAST LINE OF KOSTNER AVENUE; THENCE SOUTH ON SAID LAST DESCSRIBED LINE, A DISTANCE OF 35.50 FEET TO THE POINT OF INTERSECTION OF SAID LAST DESCRIBED LINE WITH THE NORTH LINE OF A 1-1/2 ACRE TRACT CONVEYED TO WILLIAM BECKER AND ANNA BECKER, HIS WIFE, BY DEED RECORDED OCTOBER 17, 1919, AS DOCUMENT 6649237; THENCE RUNNING WEST ALONG THE NORTH LINE OF SAID 1-1/2 ACRE TRACT, A DISTANCE OF 132.34 FEET TO THE EAST LINE OF SAID KOSTNER AVENUE; THENCE RUNNING NORTH ALONG THE SAID EAST LINE OF KOSTNER AVENUE, A DISTANCE OF 348.63 FEET TO THE PLACE OF BEGINNING, IN COOK COUNTY, ILLINOIS.

PARCEL #2:
THAT PART OF THE NORTH 20 ACRES OF THE WEST 30 ACRES OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 34, 5OWNSHIP 41 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS: COMMENCING AT A POINT IN THE SOUTHWESTERLY LINE OF LINCOLN AVENUE WHICH IS 296.02 FEET SOUTHEASTERLY OF THE POINT OF INTERSECTION OF SAID SOUTHWESTERLY LINE WITH THE EAST LINE OF KOSTNER AVENUE, SAID POINT OF INTERSECTION BEING 50 FEET SOUTHWESTERLY OF THE CENTER LINE OF LINCOLN AVENUE AND 40 FEET EAST OF THE WEST LINE OF SAID NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 34; RUNNING THENCE SOUTHWESTERLY AT RIGHT ANGLES TO SAID SOUTHWESTERLY LINE OF LINCOLN AVENUE, A DISTANCE OF 125 FEET TO A POINT; THENCE SOUTHEASTERLY ON A LINE WHICH IS 125 FEET SOUTHWESTERLY OF AND PARALLEL WITH THE SOUTHWESTERLY LINE OF LINCOLN AVENUE, A DISTANCE OF 17.78 FEET TO THE POINT OF INTERSECTION OF SAID LAST DESCRIBED LINE WITH A LINE WHICH IS 132.34 FEET EAST OF AND

PARALLEL WITH SAID EAST LINE OF KOSTNER AVENUE; THENCE SOUTH ON SAID LAST DESCRIBED LINE, A DISTANCE OF 35.50 FEET TO THE POINT OF INTERSECTION OF SAID LAST DESCRIBED LINE WITH THE NORTH LINE OF 1-1/2 ACRE TRACT CONVEYED TO WILLIAM BECKER AND ANNA BECKER, HIS WIFE, BY DEED RECORDED OCTOBER 17TH, 1919, AS DOCUMENT 6649237; THENCE RUNNING EAST ALONG THE NORTH LINE OF SAID 1-1/2 ACRE TRACT A DISTANCE OF 17.41 FEET TO THE POINT OF INTERSECTION OF THE NORTH LINE OF SAID 1-1/2 ACRE TRACT WITH A LINE WHICH FORMS A RIGHT ANGLE WITH A POINT IN THE SOUTHWESTERLY LINE OF LINCOLN AVENUE, WHICH IS 55 FEET SOUTHEASTERLY TO THE POINT OF BEGINNING, THENCE NORTHEASTERLY ON SAID LAST DESCRIBED LINE, A DISTANCE OF 137.45 FEET TO SAID POINT IN SOUTHWESTERLY LINE OF LINCOLN AVENUE; THENCE NORTHWESTERLY ALONG SAID SOUTHWESTERLY LINE OF LINCOLN AVENUE, A DISTANCE OF 55 FEET TO THE POINT OB BEGINNING, IN COOK COUNTY, ILLINOIS.

Commonly known as 7110 North Lincoln Avenue, Lincolnwood, Illinois.

PIN: 10-34-206-003-0000, 10-34-205-004-0000

**GROUP EXHIBIT B**

**PLANS**

**EXHIBIT C**

**UNCONDITIONAL AGREEMENT AND CONSENT**

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

**WHEREAS,** Nerad Family, LLC (***"Owner"***) is the record title owner of that certain property located in the B-3 Village Center Planned Development, commonly known as 7110 Lincoln Avenue, in the Village (**"*Property*"**); and

**WHEREAS,** L. Woods LLC (***"Applicant"***), is the lessee and operator a restaurant on the Property; and

**WHEREAS,** Ordinance No. 2018-_____, adopted by the Village President and Board of Trustees on February 6, 2018 (***"Ordinance"***), grants a variation from "The Village of Lincolnwood Zoning Ordinance" in connection with the expansion of the restaurant and construction of an outdoor dining area 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 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 the Applicant do hereby agree and covenant as follows:

1. The Owner and the Applicant hereby unconditionally agree to, accept, consent to, and will 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 variation for the Property or its adoption of the Ordinance, and that the Village's approval does 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 variation for the Property.

Dated: _____, 2018

**NERAD FAMILY, LLC**

By: _____
Its: _____

**L. WOODS LLC**

By: _____
Its: _____

***DRAFT*** **MEETING MINUTES**
**OF THE**
**ZONING BOARD OF APPEALS**
**JANUARY 17, 2018**

**LINCOLNWOOD VILLAGE HALL**
**COUNCIL CHAMBERS**
**6900 NORTH LINCOLN AVENUE**
**LINCOLNWOOD, ILLINOIS 60712**

**MEMBERS PRESENT:**
Chairman Kathy O'Brien
Paul Grant
Bruce Heller
Rizwan Hussain
Christopher Nickell
Martina Keller
Teodor Strat

**MEMBERS ABSENT:**

**STAFF PRESENT:**
Doug Hammel, AICP, Community Development Manager

## I. Call to Order

Chairman O'Brien noted a quorum of seven members and called the meeting to order at 7:00 p.m.

## II. Pledge of Allegiance

## III. Approval of Minutes

Two corrections were noted in the November 15th minutes.

**Motion to approve** the November 15, 2017 Zoning Board of Appeals amended minutes was made by Commissioner Nickell and seconded by Commissioner Grant.

**Aye: Grant, Hussain, Nickell, Strat, Heller, Keller, and O'Brien**
**Nay: None**
**Motion Approved: 7-0**

DRAFT

## IV. Case #ZB-01-18: Public Hearing: 7110 North Lincoln Ave – Foundation Landscaping Variation

Community Development Manager, Doug Hammel, provided a background of the Variation request by L. Woods LLC, on behalf of Nerad Family, LLC, property owner of 7110 North Lincoln Avenue. The petitioner's request sought to expand a portion of the restaurant to create an outdoor dining area on the north end of the property by eliminating two existing parking spaces. The requested approval requires a Variation from Section 6.15 of the Zoning Ordinance which states that a six-foot landscape area shall be located immediately along the front and sides of all buildings. The required landscape area would encroach on the existing drive-aisle and inhibit site circulation through the parking lot, and a smaller outdoor dining area would not be feasible.

Development Manager Hammel provided information regarding precedent cases and explained that the Zoning Board of Appeals historically has approved similar requests.

Development Manager Hammel reminded the Board of the Standard for Granting Variations.

Chairman O'Brien questioned whether the increase in restaurant seating would require additional parking spaces for the establishment. Development Manager Hammel explained that the property has a more than adequate amount of parking and will not need to seek future variances in this regard.

Petitioners Terry Lawler, General Manager of L. Woods, Ethan Sampson, Associate General Counsel with Lettuce Entertain You, and Steven Weiss, Weiss Architects, Design Architect, introduced themselves. Mr. Ethan Sampson explained that their hardship is in regards to the desire to preserve safe traffic flow on the property.

Commissioner Nickell questioned if the proposed wall of the outdoor dining area would have any protections in the event of a distracted driver colliding with the space. Mr. Wiess explained that the north and south corners would be constructed of masonry, stone walls which would stop a car from causing injury to patrons. In between the stone walls, wooden planters would be installed.

The petitioners responded to further questions regarding the entry of the outdoor patio, the planned vegetation along the wall, potential increased traffic from the new bike path, and additional dining logistics.

Commissioner Hussain asked Development Manager Hammel if there was any consideration to move the sidewalk and drive aisle towards the street to allow for the required landscaping. Development Manager Hammel explained that this option had not been explored, however, it would require complex coordination with the Public Works Department.

**Motion to Recommend Approval** of requested Variances with the condition of planter boxes being included on the wall was made by Commissioner Grant and seconded by Commissioner Nickell.

**Aye:** O'Brien, Strat, Nickell, Hussain, Grant, Keller, Heller
**Nay**: None
**Motion Approved**: 7-0

## VI. Next Meeting

The next Zoning Board of Appeals meeting is set for February 21, 2018.

## VII. Public Comment

Chairman O'Brien asked if anyone in the audience would like to address the Zoning Board of Appeals. Let the record state that no one came forward.

## VIII. Adjournment

**Motion to adjourn** was made by Commissioner Heller and seconded by Commissioner Nickell. Meeting adjourned at 7:23 p.m.

**Aye:** O'Brien, Strat, Nickell, Hussain, Grant, Keller, Heller
**Nay:** None
**Motion Approved:** 7-0

Respectfully submitted,

Ashley Reimann
Community Development Intern

Return to VB Agenda

# Zoning Board of Appeals Staff Report
# Case #ZB-01-18
**January 17, 2018**

**Subject Property:**
**7110 North Lincoln Avenue**

**Zoning District:** B-3, Village Center PUD

**Petitioner:** L Woods, LLC, on behalf of Nerad Family LLC, Property Owner

**Requested Action:** Variation to allow the construction of an outdoor dining area without the required foundation landscaping.



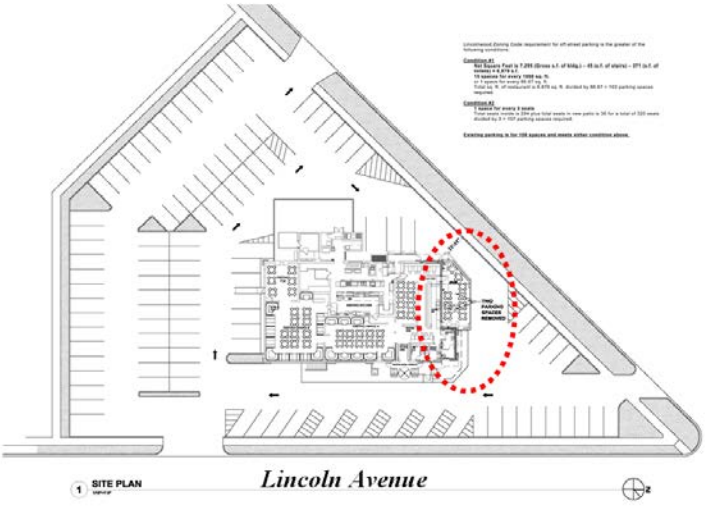
**Nature of Request:** The Petitioner seeks a Variation to allow the expansion of the existing building and construction of an outdoor dining area without the required six-foot-wide area for foundation landscaping.

**Notification:** Notice was published in the Lincolnwood Review on December 28, 2017, a Public Hearing Sign installed at 7110 North Lincoln Avenue, and Legal Notices were mailed on December 27, 2017 to Properties within 250 Feet.

## Summary of Request
The Petitioner is seeking zoning relief to allow the construction of an outdoor dining area on the northwest side of the existing structure. The dining area would be enclosed by a half-wall that would protect it from the adjacent parking lot drive aisle used for circulation along the northwest side of the building. The outdoor dining area would require the removal of two existing parking spaces. However, the remaining parking on the site exceeds the required amount of parking for the use.

## Requested Relief:

Section 6.11(4) of the Zoning Ordinance states that landscape requirements shall apply *"when there is an exterior addition or enlargement of the building, structure or premises."* The proposed improvement is subject to the landscape requirements since a building is defined as *"Any structure designed or built for the support, enclosure, shelter or protection of persons, animals, chattels or property of any kind, and which is permanently affixed to the land."*




***Proposed Site Plan and Improvement Area***

Section 6.15 of the Zoning Ordinance requires that *"a minimum setback and landscape area of six feet in width shall be located immediately along the front and sides of all buildings."* However, accommodating such a landscape area along the foundation of the proposed outdoor dining area would encroach upon the existing one-way drive aisle such that it would no longer be functional. This drive aisle is essential to site circulation and access to other parts of the parking lot.



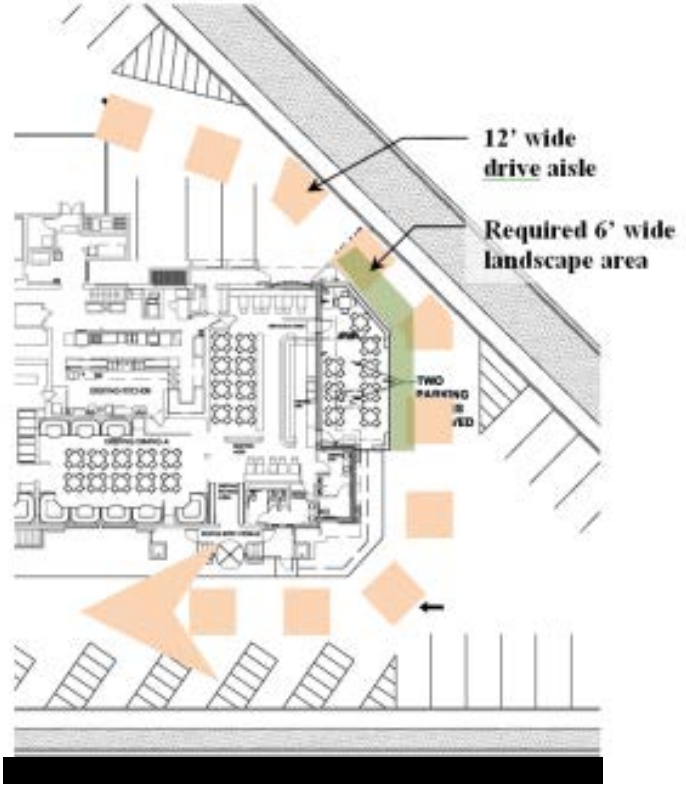




***Existing Parking Spaces (top) and Proposed Outdoor Dining Area (bottom)***

## Considerations:

The Petitioner's application states that the requested Variation is the only viable way to permit outdoor dining on this part of the site since reducing the drive aisle would eliminate site circulation and reducing the size of the outdoor dining area would make it unfeasible.




Staff does not anticipate undue impacts related to the operations of outdoor dining - since this portion of the site is not directly adjacent to residential uses. The operation of the outdoor dining area would be subject to other applicable standards related to noise and light impacts.

The proposed improvement includes the reduction in on-site parking by two spaces. However, the remaining on-site parking capacity meets the requirements of the Zoning Ordinance.

### Variation Standards

*Section 5.15(7) Major Variations* of the Village zoning ordinance identifies eight standards related to this case to be used in determining *"whether in a specific case there are practical difficulties or particular hardships in the way of carrying out the strict letter of this Zoning Ordinance."* These standards can be found in attachment #5 of this report.

### Public Comment

No public comment was received by the Community Development Department prior to the distribution of this staff report.

## Precedent Cases

**4007 W. Touhy (2013)**
The Petitioner requested a Variation from the minimum foundation landscaping requirement in order to preserve an adequate amount of on-site parking. The ZBA recommended that the proposed landscaping plan be modified to provide a bush hedgerow in the northeast corner of the property and code-compliant trees be planted next to the parking spots. The applicant agreed to these suggestions. The ZBA unanimously recommended approval of the request with a 6-0 vote, and the Village Board unanimously concurred with a 6-0 vote.

**6550 N. Lincoln (2013)**
The Petitioner requested a Variation from the minimum foundation landscaping requirement in order to preserve an adequate amount of on-site parking. There was no substantive discussion or conditions requested by the ZBA. The ZBA unanimously recommended approval of the request with a 5-0 vote, and the Village Board unanimously concurred with a 6-0 vote.

**6734 N. Lincoln (2012)**
The Petitioner requested a Variation from the minimum foundation landscaping requirement in order to preserve an adequate amount of on-site parking and efficient vehicular circulation. The ZBA recommended that the proposed landscaping plan be modified to provide additional landscaping along the southwest side of the building, as well as a trellis with vines and low-level vegetation along the northeast wall of the building. The applicant agreed to these suggestions. The ZBA unanimously recommended approval of the request with a 7-0 vote, and the Village Board unanimously concurred with a 5-0 vote.

## Conclusion

The Petitioner is seeking zoning relief to allow the construction of an outdoor dining area on the northwest side of the existing structure. Granting the Variation would allow the Petitioner to maintain appropriate site circulation. The proposed dining area would entail the removal of two parking spaces, though the remainder of the site would provide enough parking to meet the requirements of the Zoning Ordinance.

## Documents Attached

1. Zoning Variation Application
2. Topographic Survey
3. Proposed Site Plan
4. Before and After Renderings of the Proposed Improvement
5. Relevant Village Code Sections

# VILLAGE OF LINCOLNWOOD
## Community Development Department

## Public Hearing Application
## Variations

### SUBJECT PROPERTY

Property Address: 7100-7110 N. Lincoln Ave.

Permanent Real Estate Index Number(s): 10-34-205-004; 10-34-206-003

Zoning District: B-3 Lot Area: 50,043 square feet

List all existing structures on the property. Include fencing, sheds, garages, pools, etc.
Existing one-story free-standing restaurant

Are there existing development restrictions affecting the property? ___ Yes X No
(*Examples: previous Variations, conditions, easements, covenants*) If yes, describe: ___

### REQUESTED ACTION

- ☐ Variation – Residential
- ☒ Variation – Non-Residential
- ☐ Variation – Off-Street Parking
- ☐ Variation – Design Standards
- ☐ Variation – Signs/Special Signs
- ☐ Minor Variation
- ☐ Other

### PROJECT DESCRIPTION

Describe the Request and Project: Construction of a dining patio adjacent to the existing restaurant building. Request relief from the Landscape Ordinance so as to not require a 6 foot wide foundation planting strip along the patio adjacent to the existing drive aisle.

### PROPERTY OWNER/PETITIONER INFORMATION

**Property Owner(s):** *(List all Beneficiaries if Trust)*

Name: Nerad Family LLC

Address: 153 Pheasant Hollow Drive Burr Ridge, IL 60527

Telephone: (630) 789-0032 Fax: (____) _____ E-mail. _____

**Petitioner:** *(if Different from Owner)* L Woods LLC

Name: c/o Lettuce Entertain You Ent. Inc. Relationship to Property: Tenant

Address: 5419 N. Sheridan Road Suite 116 Chicago, IL 60640

Telephone: (773) 878-7340 Fax: (773) 878-7667 E-mail: jcinelli@leye.com

### NOTICE OF REASONABLE ACCOMMODATION PROCESS

An alternate process is provided by the Village for persons with disabilities or handicaps who seek a Reasonable Accommodation from the Zoning Code regulations in order to gain equal access to housing. If you seek a Reasonable Accommodation from the Zoning Code based on disability or handicap, do not complete this application form, but rather a separate application for Reasonable Accommodation. For more information on this process, consult Section 4.06(3) of the Zoning Code, or contact the Community Development Department at 847.673.7402.

## REQUIRED ATTACHMENTS

Check all Documents that are Attached:

| | | | |
|---|---|---|---|
| Plat of Survey | ____ | Applicable Zoning Worksheet | ____ |
| Site Plan | X | Photos of the Property | ____ |
| Proof of Ownership | ____ | PDF Files of all Drawings | ____ |
| Floor Plans | ____ | Elevations | ____ |

**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 severely 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: _____

Address: _____

City, State, Zip: _____

## 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 also understand that if I desire a Reasonable Accommodation from the Zoning Code based on disability or handicap, that I must complete and submit a different application for consideration and by submitting this application for a Variation, I am attesting that I am not seeking a Reasonable Accommodation. 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

_____
Print Name

_____
Date

**PETITIONER:** *(if Different than Property Owner)*

By: _____
Signature

L Woods LLC

By: Ethan Samson, Associate General Counsel
Print Name

December 20, 2017
Date

## VARIATION STANDARDS

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

1. The requested Variation is consistent with the stated intent and purposes of the Zoning Ordinance and the Comprehensive Plan.

The requested Variation is consistent with the Zoning Ordinance and Comprehensive Plan. It seeks to maintain strong neighborhood dining options in the B-3 Downtown Lincolnwood commercial district.

2. The particular physical surroundings, shape or topographical conditions of the subject property would bring a particular hardship upon the owner, as distinguished from a mere inconvenience, if the strict letter of this Zoning Ordinance is enforced.

The Village Landscape Ordinance requires a 6 foot strip of foundation landscaping along the perimeter of any new addition to an existing building. Due to the configuration of this property and the existing restaurant building, this landscape strip would reduce the width of the adjacent drive aisle to 6 feet, which is not usable. Reduction of the width of the patio by 6 feet would render it non-functional.

3. The conditions upon which the petition for the Variation is based would not be applicable generally to other property within the same Zoning District.

The Variation requested is specific to this property due to the configuration of the existing drive aisles, parking and the location of the existing building.

4. The Variation is not solely and exclusively for the purpose of enhancing the value of or increasing the revenue from the property.

The Variation requested is specific to the function of the property. It seeks to create an attractive outdoor use for a blank space that faces a public thoroughfare.

## VARIATION STANDARDS (Continued)

5. The alleged difficulty or hardship has not been created by any person presently having an interest in the property.

The Variation requested is due to the historic development of the site and the width and location of the drive aisle, which predates the current ownner's interest in the property.

6. The granting of the Variation will not be detrimental to the public welfare or injurious to other property or improvements in the neighborhood in which the property is located.

The Variation requested will not be detrimental or injure other property in the neighborhood. The creation of an attractive outdoor space will enhance the adjacent streetscape.

7. The Variation granted is the minimum change to the Zoning Ordinance standards necessary to alleviate the practical hardship on the subject property.

The Variation requested is the minimum change to the standards of the Zoning Ordinance to allow for outdoor use of this property.

8. The proposed Variation will not impair an adequate supply of light and air to adjacent property, or substantially increase the danger of fire, or otherwise endanger the public safety, or substantially diminish or impair property values within the neighborhood.

The Variation requested will have no impact on the supply of light and air to adjacent property nor significantly increase danger of fire or other public safety, nor will it significantly diminish or impair property values within the neighborhood.

# VILLAGE OF LINCOLNWOOD
## COMMUNITY DEVELOPMENT DEPARTMENT

## SIGN VARIATION STANDARDS

***For all Sign Variation and/or Special Sign requests, the Applicant shall also complete Questions 9 through 12.***

9. The proposed Variation is consistent with the statement of purpose set forth in Section 11.01 of the Zoning Ordinance.

10. The proposed sign complies with any additional standards or conditions set forth in Article XI of the Zoning Ordinance.

11. The proposed sign will substantially enhance the architectural integrity of the building or other structure to which it will be attached, if any.

12. The proposed sign conforms with the design and appearance of nearby structures and signs.

# VILLAGE OF LINCOLNWOOD
## COMMUNITY DEVELOPMENT DEPARTMENT

## PUBLIC HEARING FEES AND DEPOSIT 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 |

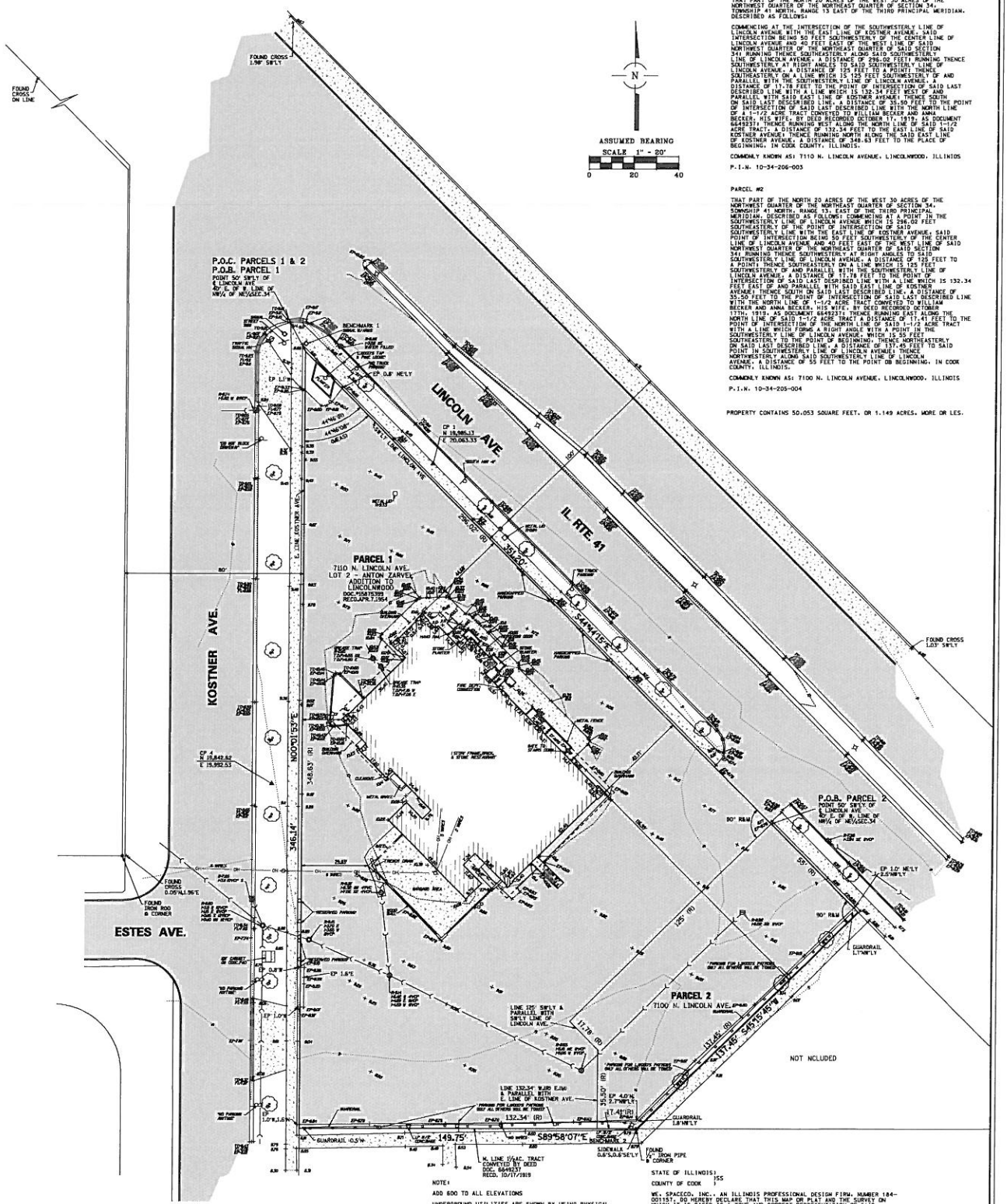
### Zoning Board of Appeals

| 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.

# BOUNDARY & TOPOGRAPHIC SURVEY




PROPERTY DESCRIPTION

PARCEL #1

THAT PART OF THE NORTH 20 ACRES OF THE WEST 30 ACRES OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 34, TOWNSHIP 41 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

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P.I.N. 10-34-206-003

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NOTE:

ADD 600 TO ALL ELEVATIONS

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LAST DATE OF FIELD WORK: SEPTEMBER 13, 2007

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NORTHEAST BOLT OF TRAFFIC SIGNAL BASE AT SOUTHEAST CORNER OF LINCOLN & KOSTNER
ELEVATION=610.11

BENCHMARK 2
INTELED SQUARE IN LIGHT POLE BASE 140' EAST OF EAST LINE OF KOSTNER 1' NORTH OF SIDEWALK SOUTH OF SITE
ELEVATION=609.54

SOURCE BENCHMARK
BM63 - NORTHWEST FLANGE BOLT ON HYDRANT AT SOUTHWEST CORNER OF CHASE & KOSTNER
ELEV. 609.207 NGVD

STATE OF ILLINOIS)
) SS
COUNTY OF COOK )

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THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS OF PRACTICE APPLICABLE TO TOPOGRAPHIC AND BOUNDARY SURVEYS.

GIVEN UNDER OUR HAND AND SEAL THIS_____ DAY OF_____,200__ IN ROSEMONT, ILLINOIS.

_____
C. BRIAN LOUNSBURY, I.P.L.S. No. 035-2841
LICENSE EXPIRES: 11-30-2008
(VALID ONLY IF EMBOSSED SEAL AFFIXED)

COMPARE ALL DIMENSIONS BEFORE BUILDING AND REPORT ANY DISCREPANCIES AT ONCE. REFER TO DEED OR TITLE POLICY FOR BUILDING LINES AND EASEMENTS.

C. BRIAN LOUNSBURY 2841 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ROSEMONT, ILLINOIS

## LEGEND

STORM SEWER, SANITARY SEWER, COMBINED SEWER, WATER MAIN, UNDERGROUND TELEPHONE LINE, UNDERGROUND ELECTRIC LINE, UNDERGROUND CATV LINE, OVERHEAD ENERGY UTILITY POLES, FIBER OPTIC LINE, RAILROAD, FENCE, GUARDRAIL
SANITARY MANHOLE, STORM MANHOLE, CATCH BASIN, INLET, FLARED END SECTION, ELECTRIC MANHOLE, TELEPHONE MANHOLE, TELEPHONE UPRIGHT, ELECTRIC UPRIGHT, CABLE TV UPRIGHT, FIRE HYDRANT, VALVE, MED VAULT, WATER VAULT, GASOLINE VALVE, BOLL, GAS VALVE
HAND HOLE, STREET LIGHT, UTILITY POLE, TRAFFIC SIGNAL, TRAFFIC SIGNAL BOX, BOLLARD, BOULDER, SIGN, UNIDENTIFIED MANHOLE, CULVERT, SPOT ELEVATION, RIGHT-OF-WAY MONUMENT, IRON / STEEL ROD, IRON PIPE, CUT CROSS, PK / NAIL SET
SOIL BORING, TREE WITH SIZE, FIR TREE WITH SIZE, BUSH, DEPRESSED CURB, ASPHALT, CONCRETE, GRAVEL

EP = EDGE OF PAVEMENT
(R) = RECORD

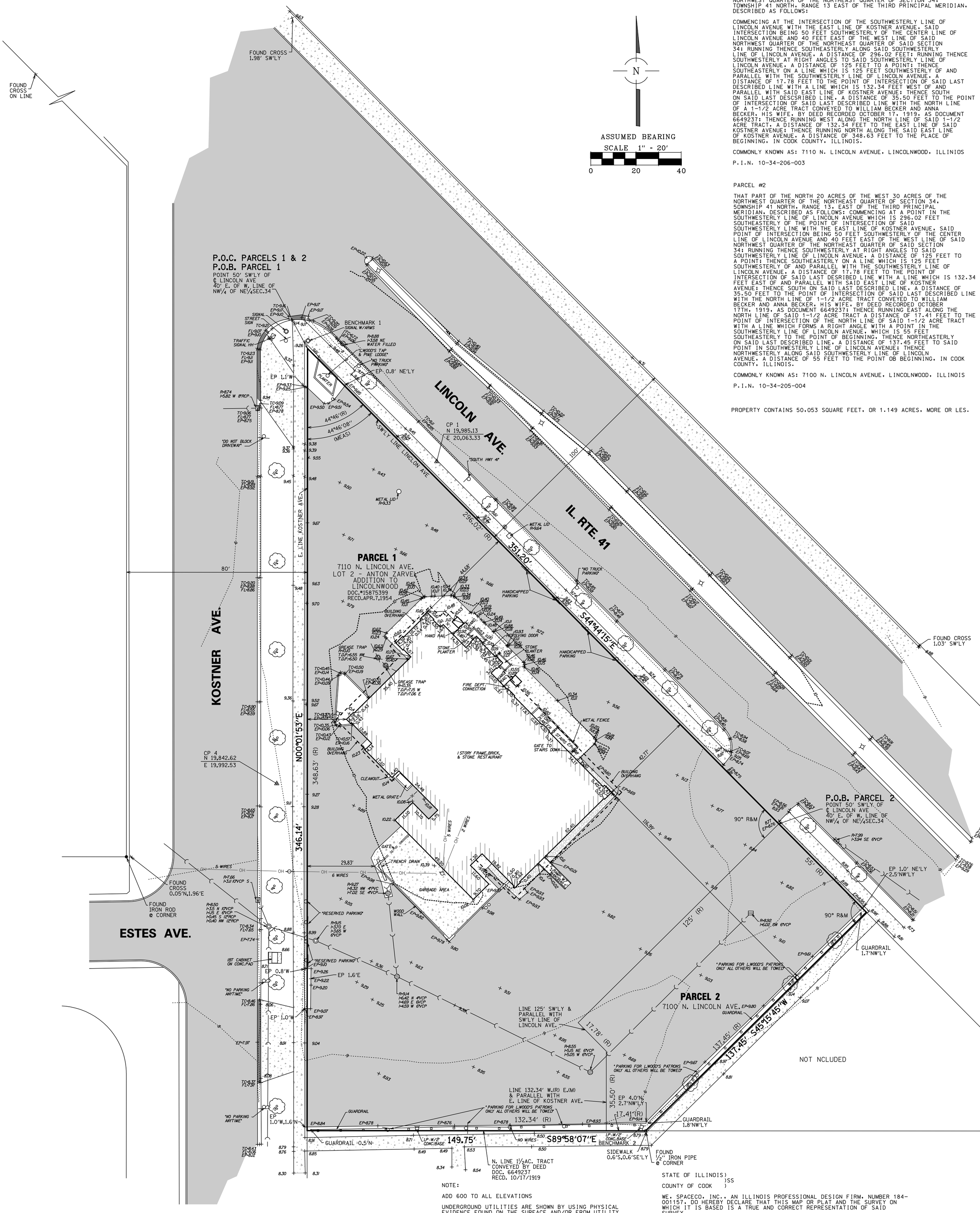
REVISIONS:

CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS

9575 W. Higgins Road, Suite 700,
Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4066

DATE: 9/20/2007
JOB NO: 5569
FILENAME: 5569TOPO.DGN
SHEET 1 OF 1

# BOUNDARY & TOPOGRAPHIC SURVEY




## PROPERTY DESCRIPTION

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| | | | |
|---|---|---|---|
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| SANITARY SEWER | STORM MANHOLE | STREET LIGHT | TREE WITH SIZE |
| COMBINED SEWER | CATCH BASIN | UTILITY POLE | FIR TREE WITH SIZE |
| WATER MAIN | INLET | TRAFFIC SIGNAL | BUSH |
| GAS MAIN | FLARED END SECTION | TRAFFIC SIGNAL BOX | DEPRESSED CURB |
| UNDERGROUND TELEPHONE LINE | ELECTRIC MANHOLE | BOLLARD | ASPHALT |
| UNDERGROUND ELECTRIC LINE | TELEPHONE MANHOLE | MAILBOX | CONCRETE |
| UNDERGROUND CATV LINE | TELEPHONE UPRIGHT | SIGN | GRAVEL |
| OVERHEAD WIRE(S) ON UTILITY POLES | ELECTRIC UPRIGHT | UNIDENTIFIED MANHOLE | |
| FIBER OPTIC LINE | CABLE TV UPRIGHT | CONTOUR | |
| RAILROAD | FIRE HYDRANT | SPOT ELEVATION | |
| FENCE | VALVE AND VAULT | RIGHT-OF-WAY MONUMENT | |
| GUARDRAIL | WATER VALVE | IRON / STEEL ROD | |
| | AUXILIARY VALVE | IRON PIPE | |
| | WELL | CUT CROSS | |
| | GAS VALVE | PK / MAG NAIL | |

EP = EDGE OF PAVEMENT
(R) = RECORD

NOTE:

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ELEVATION=610.11

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SOURCE BENCHMARK
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STATE OF ILLINOIS )
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IN ROSEMONT, ILLINOIS.

C. BRIAN LOUNSBURY, I.P.L.S. No. 035-2841
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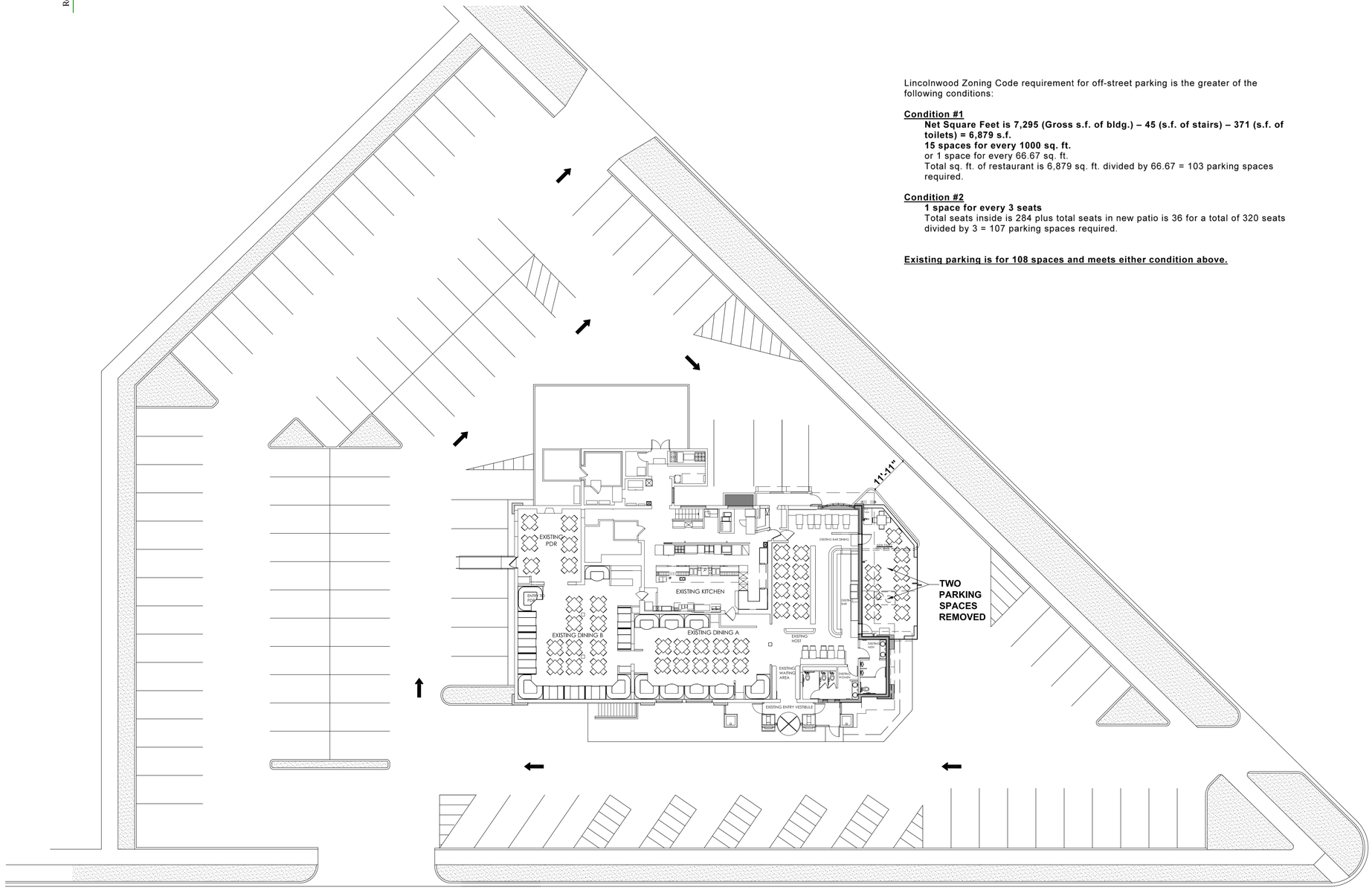
C. BRIAN LOUNSBURY 2841 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS ROSEMONT, ILLINOIS

REVISIONS:

SPACECO INC.
CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS
9575 W. Higgins Road, Suite 700,
Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4065

DATE: 9/20/2007
JOB NO: 5569
FILENAME: 5569TOPO.DGN
SHEET 1 OF 1

Return to VB




Lincolnwood Zoning Code requirement for off-street parking is the greater of the following conditions:

**Condition #1**

**Net Square Feet is 7,295 (Gross s.f. of bldg.) – 45 (s.f. of stairs) – 371 (s.f. of toilets) = 6,879 s.f.**
**15 spaces for every 1000 sq. ft.**
or 1 space for every 66.67 sq. ft.
Total sq. ft. of restaurant is 6,879 sq. ft. divided by 66.67 = 103 parking spaces required.

**Condition #2**

**1 space for every 3 seats**
Total seats inside is 284 plus total seats in new patio is 36 for a total of 320 seats divided by 3 = 107 parking spaces required.

**Existing parking is for 108 spaces and meets either condition above.**

## 1 SITE PLAN
1/16"=1'-0"

**WEISS**
Architecture • Planning • Design

222 West Ontario Street, Suite 330
Chicago Illinois 60654
312 • 986 • 1160
312 • 986 • 1161 (fax)
email@weissarch.com

lettuce entertain you

Lettuce Entertain You Restaurants
5419 N. Sheridan Rd.
Chicago, IL. 60640
773.878.7340

# L.WOODS TAP & PINE LODGE
## NORTH PATIO
7110 LINCOLN AVE.
LINCOLNWOOD, IL 60712

| | |
|---|---|
| 1-9-2018 | ISSUED FOR VARIANCE HEARING |
| 01-03-2018 | ⚠ ISSUED FOR PERMIT REVISIONS |
| 11-20-2017 | ISSUED FOR PERMIT |
| 5•23•2017 | ISSUED FOR REVIEW |

SITE PLAN

Scale 1/16"=1'-0"
Drawn by XXXXX
Project 1719

Sheet **A0.1**

© 2017 Weiss Architects, LLC

\\Was2\data\Projects\Current\1719-LEYE-L WOODS NORTH PATIO\GRAF\xxxx-CD\Arch\A1.1 PLANS.dwg, SITE PLAN 24x36, 1/9/2018 1:21:29 PM, sweiss, Adobe PDF, ARCH D, 1:1, WEISS ARCHITECTS, LLC

Return to VB Agenda




L WOODS - LINCOLNWOOD, IL
JANUARY 2018

LETTUCE ENTERTAIN YOU RESTAURANTS

Return to VB Agenda




L WOODS - LINCOLNWOOD, IL
JANUARY 2018

LETTUCE ENTERTAIN YOU RESTAURANTS

# Attachment #5: Relevant Code Sections

## Section 6.15 Minimum landscape requirements for foundation plantings.

(1) A minimum setback and landscape area of six feet in width shall be located immediately along the front and sides of all buildings.

(2) Except for building entryway areas and sidewalks as may be permitted, the surface of the required foundation landscape area shall be free of paving or other impervious surfaces and shall be landscaped.

(3) A six-inch curb shall separate all foundation landscape areas from drive aisle and parking areas.

(4) Foundation landscaping shall include shade trees, ornamental trees, hedges, shrubs, evergreens and ground cover in a manner which accents building entranceways and architectural features, softens large expanses of building walls, and screens mechanical equipment.

## Section 5.15 Major Variations

(7) Standards. In determining whether in a specific case there are practical difficulties or particular hardships in the way of carrying out the strict letter of this Zoning Ordinance, there shall be taken into consideration the extent to which the following facts are established:

1. The requested Major Variation is consistent with the stated intent and purposes of this Zoning Ordinance and the Comprehensive Plan;
2. The particular physical surroundings, shape or topographical conditions of the subject property would bring a particular hardship upon the owner, as distinguished from a mere inconvenience, if the strict letter of this Zoning Ordinance is enforced;
3. The conditions upon which the petition for the Variation is based would not be applicable generally to other property within the same zoning district;
4. The Variation is not solely and exclusively for the purpose of enhancing the value of or increasing the revenue from the property;
5. The alleged difficulty or hardship has not been created by any person presently having an interest in the property;
6. The granting of the Variation will not be detrimental to the public welfare or injurious to other property or improvements in the neighborhood in which the property is located;

7. The Variation granted is the minimum change to the Zoning Ordinance standards necessary to alleviate the practical hardship on the subject property; and

8. The proposed Variation will not impair an adequate supply of light and air to adjacent property, or substantially increase the danger of fire, or otherwise endanger the public safety, or substantially diminish or impair property values within the neighborhood.

# Request for Board Action

**REFERRED TO BOARD:** February 6, 2018 **AGENDA ITEM NO: 3**

**ORIGINATING DEPARTMENT:** Public Works

**SUBJECT: Approval of a Resolution Authorizing the Execution of a Contract with Dahme Mechanical Industries, Inc., of Arlington Heights, IL, for the Removal and Replacement of Water Pump #4 at the Pump House in the Amount of $123,217.00**

**SUMMARY AND BACKGROUND OF SUBJECT MATTER:**
Currently, the Village receives water from the City of Chicago via a connection near the intersection of Crawford and Devon Avenues. The water flows into underground reservoirs at the Village's Pump House, located at the intersection of Schreiber and Crawford Avenues before being pumped into the distribution system. Five water pumps in the basement of the Pump House are used to pump potable water into the distribution system and fill the Standpipe. The Village relies heavily on the continued functionality of each pump to ensure adequate system pressure, and meet the Village's daily water consumption needs. The current water pumps are rated by the number of gallons pumped per minute. Each pump provides a steady flow of water that cannot be varied based on changing system demand. The breakdown of each pumps' rating is listed in the chart below. Pumps #3 and #4 are the most heavily utilized pumps as they are used throughout the year to meet the Village's demand.

| Water Distribution Pumps | |
|---|---|
| **Pump ID** | **Gallons Per Minute** |
| Pump #1 | 3,000 |
| Pump #2 | 600 |
| Pump #3 | 1,000 |
| Pump #4 | 1,500 |
| Pump #5 | 1,900 |

Pump #4 was installed in 1995 and currently has 81,855 hours of use. The American Water Works Association recommends water pumps be replaced after 50,000 hours, putting Pump #4 well beyond its useful service life. Currently, it takes up to four months to fabricate and install a water pump. If Pump #4 were to fail, the Village would not be able to adequately maintain system pressure throughout the distributions system until the pump could be replaced. Due to the importance of the pump, replacement is necessary. Funds for the replacement of the pump were included in the FY17/18 budget.

On January 11, 2018, a bid notice was published in the *Lincolnwood Review* for the removal and replacement of Pump #4 and the installation of a Variable Frequency Drive (VFD) to control the motor. The VFD will help modernize the Pump House, and will allow the pump to run at different levels ranging from 800 to 1,500 GPM. The VFD will allow the speed of the motor to match the need of the

Village, and will help maintain a static pressure within the distribution system. Use of the VFD will also allow the pump to wear over a greater period of time, as it does not have to function at full capacity each time it is running. In addition to the replacement of the pump and installation of the motor, the bid specifications include the cost of new piping, pressure sensors, and integration of the new drive into the existing SCADA system. The bid opening took place on January 29, 2018, with the results listed in the chart below.

| Vendor | Total Contract Price |
|---|---|
| Dahme Mechanical Industries, Inc. | $123,217.00 |
| Genco Industries, Inc. | $123,590.00 |

The apparent lowest responsible bid was submitted by Dahme Mechanical Industries, Inc. of Arlington Heights, Illinois, in the amount of $123,217. The budgeted amount for this project of $77,500 was based on a quote obtained in 2016, which did not provide accurate pricing for the full scope of work, and omitted the cost of labor and pricing for the VFD. Upon initial review of the bids, staff considered re-bidding the project but the Village Engineer believes the submitted bids reflect an accurate market value for the work. The scope of work included in this project is highly specialized, with a limited number of contractors offering the service. If the project were re-bid, it is unlikely the Village would be able to attract additional bidders beyond the two that have already submitted a bid; therefore, staff recommends moving forward with the project to prevent future cost increases.

Staff has contacted the references for Dahme Mechanical Industries, Inc. and all provided a positive response. For the reasons outlined above, staff recommends the Village Board authorize the execution of a contract with Dahme Mechanical Industries, Inc.

**FINANCIAL IMPACT:**
Sufficient funds are available in the FY2017/18 Water Fund for completion of the project. $77,500 has been budgeted and the remainder will be available from other Water Fund items that have been under budget.

**DOCUMENTS ATTACHED:**
1. Proposed Resolution
2. Proposed Contract/Proposal

**RECOMMENDED MOTION:**
**Move to approve** a Resolution approving a contract with Dahme Mechanical Industries, Inc. of Arlington Heights, Illinois for the removal and replacement of a water pump in the amount of $123,217.00.

**RESOLUTION NO. R2018-_____**

**A RESOLUTION APPROVING A CONTRACT WITH DAHME MECHANICAL INDUSTRIES, INC. OF ARLINGTON HEIGHTS, ILLINOIS FOR THE REMOVAL AND REPLACEMENT OF A WATER PUMP IN THE AMOUNT OF $123,217.00**

WHEREAS, the Village sought proposals for the award of a contract to replace Water Pump #4 at the Village Pump House (***"Contract"***); and

WHEREAS, Dahme Mechanical Industries, Inc. of Arlington Heights, Illinois (***"Contractor"***), was the low responsible vendor of the firms that submitted proposal packages to the Village; and

WHEREAS, the Village President and Board of Trustees have determined that entering into the Contract with the Contractor will serve and be in the best interest of the Village;

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. APPROVAL OF CONTRACT. The Contract by and between the Village and the Contractor is hereby approved in substantially the form attached to this Resolution as **Exhibit A**.

SECTION 3. EXECUTION OF CONTRACT. The Village Manager and the Village Clerk are hereby authorized and directed to execute and attest, on behalf of the Village, the Contract upon receipt by the Village Clerk of at least one original copy of the Contract executed by the Contractor; provided, however, that if the executed copy of the Contract is not received by the Village Clerk within 60 days after the effective date of this Resolution, then this authority to execute and attest will, at the option of the President and Board of Trustees, be null and void.

SECTION 4. EFFECTIVE DATE. This Resolution will be in full force and effect from and after its passage and approval as provided by law.

[SIGNATURE PAGE FOLLOWS]

Return to VB Agenda

PASSED this ___ day of_____, 2018.

AYES: _____

NAYS:_____

ABSENT:____

ABSTENTION:_____

APPROVED by me this _____ day of _____, 2018.

_____
Barry I. Bass, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office this
_____ day of _____, 2018

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

Return to VB Agenda

**EXHIBIT A**

**CONTRACT**

# VILLAGE OF LINCOLNWOOD

## CONTRACT/PROPOSAL FOR THE REMOVAL AND REPLACEMENT OF A WATER PUMP AND INSTALLATION OF A VARIABLE FREQUENCY DRIVE

Full Name of Bidder Dahme Mechanical Industries, Inc. ("***Bidder***")
Principal Office Address 610 S. Arthur Ave., Arlington Heights, IL 60005
Local Office Address 610 S. Arthur Ave., Arlington Heights, IL 60005
Contact Person Kris Komorn Telephone Number 847-253-0341

TO: Village of Lincolnwood ("***Village***")
6900 Lincoln Avenue
Lincolnwood, Illinois 60712
Attention: Nadim Badran
Assistant to the Public Works Director

*Bidder warrants and represents that Bidder has carefully examined the Work Site described below and has reviewed and understood all documents included, referred to, or mentioned in this bound set of documents, including Addenda Nos. 1, 2, 3 [if none, write **"NONE"**], which are securely stapled to the end of this Contract/Proposal.*

1. **Work Proposal**

A. Contract and Work. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall, at its sole cost and expense, provide, perform, and complete, in the manner specified and described, and upon the terms and conditions set forth, in this Contract/Proposal and the Village's written notification of acceptance in the form included in this bound set of documents, all of the following, all of which is herein referred to as the "Work":

1. Labor, Equipment, Materials, and Supplies. Provide, perform, and complete, in the manner specified and described in this Contract/Proposal, all necessary work, labor, services, transportation, equipment, materials, supplies, information, data, and other means and items necessary for the work outlined in Attachment A, Specifications, at the various locations throughout the Village ("***Work Site***");

2. Permits. Procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith;

3. Bonds and Insurance. Procure and furnish all bonds and all insurance certificates and policies of insurance specified in this Contract/Proposal;

4. Taxes. Pay all applicable federal, state, and local taxes;

5. Miscellaneous. Do all other things required of Bidder by this Contract/Proposal; and

6. Quality. Provide, perform, and complete all of the foregoing in a proper and workmanlike manner, consistent with the standards of recognized professional firms in performing Work of a similar nature, in full compliance with, and as required by or pursuant, to this Contract/Proposal, and with the greatest economy, efficiency, and expedition consistent therewith, with only new, undamaged, and first quality equipment, materials, and supplies.

B. Performance Standards. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that all Work shall be fully provided, performed, and completed in accordance with the specification attached hereto and by this reference made a part of this Contract/Proposal.

C. Responsibility for Damage or Loss. Bidder proposes, and agrees, that Bidder shall be responsible and liable for, and shall promptly and without charge to Village repair or replace, any damage done to, and any loss or injury suffered by, the Village, the Work, the Work Site, or other property or persons as a result of the Work.

D. Inspection/Testing/Rejection. Village shall have the right to inspect all or any part of the Work and to reject all or any part of the Work that is, in Village's judgment, defective or damaged or that in any way fails to conform strictly to the requirements of this Contract/Proposal and the Village, without limiting its other rights or remedies, may require correction or replacement at Bidder's cost, perform or have performed all Work necessary to complete or correct all or any part of the Work that is defective, damaged, or nonconforming and charge Bidder with any excess cost incurred thereby, or cancel all or any part of any order or this Contract/Proposal. Work so rejected may be returned or held at Bidder's expense and risk.

2. **Contract Price Proposal**

If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall take in full payment for all Work and other matters set forth under Section 1 above, including overhead and profit; taxes, contributions, and premiums; and compensation to all subcontractors and suppliers, the compensation set forth below.

A. SCHEDULE OF PRICES

For providing, performing, and completing all Work, the total Contract Price of:

**PROVIDE PRICE IN ATTACHEMENT A BID FORM**

B. BASIS FOR DETERMINING PRICES

It is expressly understood and agreed that:

1. All prices stated in the Schedule of Prices are firm and shall not be subject to escalation or change;

2. The Village is not subject to state or local sales, use, and excise taxes, that no such taxes are included in the Schedule of Prices, and that all claim or right to claim any additional compensation by reason of the payment of any such tax is hereby waived and released; and

3. All other applicable federal, state, and local taxes of every kind and nature applicable to the Work are included in the Schedule of Prices.

C. TIME OF PAYMENT

All payments may be subject to deduction or setoff by reason of any failure of Bidder to perform under this Contract/Proposal. Each payment shall include Bidder's certification of the value of, and partial or final waivers of lien covering, all Work for which payment is then requested and Bidder's certification that all prior payments have been properly applied to the payment or reimbursement of the costs with respect to which they were paid. The Village does not accept trailing waivers.

3. **Contract Time Proposal**

If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall commence the Work within 10 days following the Village's acceptance of this Contract/Proposal provided Bidder shall have furnished to the Village all bonds and all insurance certificates specified in this Contract/Proposal ("***Commencement Date***"). If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall perform the Work diligently and continuously and shall substantially complete the Work no later than April 30, 2018 ("***Time of Performance***"). The Village may modify the Time of Performance at any time upon 15 days prior written notice to the Bidder. Delays caused by the Village shall extend the Time of Performance.

4. **Financial Assurance**

A. Bonds. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall provide a Performance Bond and a Labor and Material Payment Bond, on forms provided by, or otherwise acceptable to, the Village, from a surety company acceptable to the Village, each in the penal sum of the Contract Price, within 10 days following the Village's acceptance of this Contract/Proposal.

B. Insurance. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall provide certificates and policies of insurance evidencing the minimum insurance coverages and limits set forth below within 10 days following the Village's acceptance of this Contract/Proposal. Such policies shall be in form, and from companies, acceptable to the Village. The insurance coverages and limits set forth below shall be deemed to be minimum coverages and limits and shall not be construed in any way as a limitation on Bidder's duty to carry adequate insurance or on Bidder's liability for losses or damages under this Contract/Proposal. The

minimum insurance coverages and limits that shall be maintained at all times while providing, performing, or completing the Work are as follows:

1. Workers' Compensation and Employer's Liability

   Limits shall not be less than:

   Worker's Compensation: Statutory

   Employer's Liability: $500,000 ea. accident-injury
   $500,000 ea. employee-disease
   $500,000 disease-policy

   Such insurance shall evidence that coverage applies to the State of Illinois.

2. Comprehensive Motor Vehicle Liability

   Limits for vehicles owned, non-owned or rented shall not be less than:

   $1,000,000 Bodily Injury and Property Damage Combined Single Limit

3. Comprehensive General Liability

   Limits shall not be less than:

   $1,000,000 Bodily Injury and Property Damage Combined Single Limit.

   Coverage is to be written on an "occurrence" basis.

   Coverage to include:

   - Premises Operations
   - Products/Completed Operations
   - Independent Contractors
   - Personal Injury (with Employment Exclusion deleted)
   - Broad Form Property Damage Endorsement
   - "X," "C," and "U"
   - Contractual Liability

   Contractual Liability coverage shall specifically include the indemnification set forth below.

4. Umbrella Liability

   Limits shall not be less than:

   $2,000,000 Bodily Injury and Property Damage Combined Single Limit.

   This Policy shall apply in excess of the limits stated in 1, 2, and 3 above.

C. Indemnification. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall indemnify, save harmless, and defend the Village against all damages, liability, claims, losses, and expenses (including attorneys' fee) that may arise, or be alleged to have arisen, out of or in connection with Bidder's performance of, or failure to perform, the Work or any part thereof, or any failure to meet the representations and warranties set forth in Section 6 of this Contract/Proposal.

D. Penalties. If this Contract/Proposal is accepted, Bidder proposes, and agrees, that Bidder shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Bidder's performance of, or failure to perform, the Work or any part thereof.

5. **Firm Proposal**

All prices and other terms stated in this Contract/Proposal are firm and shall not be subject to withdrawal, escalation, or change provided the Village accepts this Contract/Proposal within 45 days after the date this sealed Agreement is opened.

6. **Bidder's Representations and Warranties**

In order to induce the Village to accept this Contract/Proposal, Bidder hereby represents and warrants as follows:

A. The Work. The Work, and all of its components, shall strictly conform to the requirements of this Contract/Proposal, including, without limitation, the performance standards set forth in Subsection 1B of this Contract/Proposal; and shall be fit, sufficient, and suitable for the purposes expressed in, or reasonably inferred from, this Contract/Proposal and the warranties expressed herein shall be in addition to any other warranties expressed or implied by law, which are hereby reserved unto the Village.

B. Compliance with Laws. The Work, and all of its components, shall be provided, performed, and completed in compliance with, and Bidder agrees to be bound by, all applicable federal, state, and local laws, orders, rules, and regulations, as they may be modified or amended from time to time, including without limitation the Prevailing Wage Act, 820 ILCS 130/0.01 et seq. (in furtherance of which, a copy of Village's ordinance ascertaining the prevailing rate of wages, in effect as of the date of this Contract/Proposal, has been attached as an Appendix to this Contract/Proposal; if the Illinois Department of Labor revises the prevailing rate of hourly wages to be paid, the revised rate shall apply to this Contract); any other prevailing wage laws; any

statutes requiring preference to laborers of specified classes; any statutes prohibiting discrimination because of, or requiring affirmative action based on, race, creed, color, national origin, age, sex, or other prohibited classification; and any statutes regarding safety or the performance of the Work. Further, Bidder shall have a written sexual harassment policy in compliance with Section 2-105 of the Illinois Human Rights Act during the course of the work.

C. Not Barred. Bidder is not barred by law from contracting with the Village or with any other unit of state or local government as a result of (i) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless Bidder is contesting, in accordance with the procedures established by the appropriate Revenue Act, its liability for the tax or the amount of tax, as set forth in 65 ILCS 5/11-42.1-1; or (ii) a violation of either Section 33E-3 or Section 33E-4 of Article 33 of the Criminal Code of 1961, 720 ILCS 5/33E-1 et seq.

D. Qualified. Bidder has the requisite experience, ability, capital, facilities, plant, organization, and staff to enable Bidder to perform the Work successfully and promptly and to commence and complete the Work within the Contract Price and Contract Time Proposals set forth above.

7. **Acknowledgements**

In submitting this Contract/Proposal, Bidder acknowledges and agrees that:

A. Reliance. The Village is relying on all warranties, representations, and statements made by Bidder in this Contract/Proposal.

B. Reservation of Rights. The Village reserves the right to reject any and all proposals, reserves the right to reject the low price proposal, and reserves such other rights as are set forth in the Instructions to Bidders.

C. Acceptance. If this Contract/Proposal is accepted, Bidder shall be bound by each and every term, condition, or provision contained in this Contract/Proposal and in the Village's written notification of acceptance in the form included in this bound set of documents.

D. Remedies. Each of the rights and remedies reserved to the Village in this Contract/Proposal shall be cumulative and additional to any other or further remedies provided in law or equity or in this Contract/Proposal.

E. Time. Time is of the essence in the performance of all terms and provisions of this Contract/Proposal and, except where stated otherwise references in this Contract/Proposal to days shall be construed to refer to calendar days and time.

F. No Waiver. No examination, inspection, investigation, test, measurement, review, determination, decision, certificate, or approval by the Village, whether before or after the Village's acceptance of this Contract/Proposal; nor any information or data supplied by the Village, whether before or after the Village's acceptance of this Contract/Proposal; nor any order by the Village for the payment of money; nor any payment for, or use, possession, or acceptance of, the whole or any part of the Work by the Village; nor any extension of time granted by the Village; nor any delay by the Village in exercising any right under this Contract/Proposal; nor any other act or omission of the Village shall constitute or be deemed to be an acceptance of any defective, damaged, or nonconforming Work, nor operate to waive or otherwise diminish the effect of any representation or warranty made by Bidder; or of any requirement or provision of this Contract/Proposal; or of any remedy, power, or right of the Village.

G. Severability. It is hereby expressed to be the intent of the parties to this Contract/Proposal that should any provision, covenant, agreement, or portion of this Contract/Proposal or its application to any Person or property be held invalid by a court of competent jurisdiction, the remaining provisions of this Contract/Proposal and the validity, enforceability, and application to any Person or property shall not be impaired thereby, but the remaining provisions shall be interpreted, applied, and enforced so as to achieve, as near as may be, the purpose and intent of this Contract/Proposal to the greatest extent permitted by applicable law.

H. Amendments and Modifications. No amendment or modification to this Contract/Proposal shall be effective until it is reduced to writing and approved and executed by the corporate authorities of the parties in accordance with all applicable statutory procedures.

I. Assignment. Neither this Contract/Proposal, nor any interest herein, shall be assigned or subcontracted, in whole or in part, by Bidder except upon the prior written consent of the Village.

J. Governing Law. This Contract/Proposal 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.

K. Certified Payrolls. Bidder shall, in accordance with Section 5 of the Illinois Prevailing Wage Act, 820 ILCS 130/5, submit to the Village, on a monthly basis, a certified payroll. The certified payroll shall consist of a complete copy of those records required to be made and kept by the Prevailing Wage Act. The certified payroll shall be accompanied by a statement signed by the Bidder or subcontractor which certifies that: (1) such records are true and accurate; (2) the hourly rate paid is not less than the general prevailing rate of hourly wages

required by the Prevailing Wage Act; and (3) Bidder 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 upon 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, Bidder and each subcontractor shall make available for inspection the records required to be made and kept by the Act: (i) to the Village, 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 this State.

DATED this 8th day of January, 2018.

Bidder's Status: ☑ Illinois (State) Corporation ☐ _____ (State) Partnership ☐ Individual Proprietor

Bidder's Name: Dahme Mechanical Industries, Inc.

Doing Business As (if different): _____

Signature of Bidder or Authorized Agent: _____

(corporate seal)
(if corporation)

Printed Name: Robert D. Lamantia

Title/Position: President

Bidder's Business Address: Dahme Mechanical Industries, Inc.
610 S. Arthur Ave., Arlington Heights, IL 60005

Bidder's Business Telephone: 847-253-0341 Facsimile: 847-253-9501

If a Corporation or Partnership, list all Officers or Partners:

| NAME | TITLE | ADDRESS |
|---|---|---|
| ROBERT D. LAMANTIA | PRESIDENT | 349 WOODLAND CT. PALATINE IL 60067 |
| PAUL A. NEUBAUER | SECRETARY | 310 W. WING ST. ARLINGTON HTS, IL 60005 |
| | | |
| | | |

## ACCEPTANCE

The Contract/Proposal attached hereto and by this reference incorporated herein and made a part hereof is hereby accepted by the order of the Village of Lincolnwood ("***Village***") this **[_____]** day of **[_____]**, **[2018]**.

This Acceptance, together with the Contract/Proposal attached hereto, constitutes the entire and only agreement between the parties relating to the accomplishment of the Work and the compensation therefor and supersedes and merges any other prior or contemporaneous discussions, agreements, or understandings, whether written or oral, and shall prevail over any contradictory or inconsistent terms or conditions contained in any purchase order, acceptance, acknowledgment, invoice, or other standard form used by the parties in the performance of the Contract/Proposal. Any such contradictory or inconsistent terms or conditions shall be deemed objected to by the Village without further notice of objection and shall be of no effect nor in any circumstances binding upon the Village unless accepted by the Village in a written document plainly labeled "Amendment to Agreement." Acceptance or rejection by the Village of any such contradictory or inconsistent terms or conditions shall not constitute acceptance of any other contradictory or inconsistent terms or conditions.

**VILLAGE OF LINCOLNWOOD**

By: _____
**Timothy C. Wiberg**
**Village Manager**

#10106693_v1

## APPENDIX A: PREVAILING WAGE ORDINANCE

**VILLAGE OF LINCOLNWOOD**

**RESOLUTION NO. R2017-1979**

**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 July 2015, 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 will supersede the Department's July 2015 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 must submit to the Village a certified payroll on a monthly basis, in accordance with Section 5 of the Act. The certified payroll must consist of a complete copy of those records required to be made and kept by the Act. The certified payroll must 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 A 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 seven business days' notice, the contractor and each subcontractor must 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 all other federal, State, or local law enforcement agencies and prosecutors; 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 is the same as in the Act. Nothing in this Resolution is to 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 is directed to 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 will be attached to all public works construction contract specifications.

SECTION 6. FILING. The Village Clerk is hereby directed to 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 is hereby directed to 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, which publication will constitute notice that this determination is effective and is the determination of the Village.

SECTION 8. MAILING UPON REQUEST. The Village Clerk is hereby directed to 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 will be in full force and effect from and after its passage and approval as provided by law.

[SIGNATURE PAGE FOLLOWS]

PASSED this 2nd day of May, 2017.

AYES: Trustees Patel, Cope, Ikezoe-Halevi, Spino, Nickell

NAYS: None

ABSENT: None

ABSTENTION: None

APPROVED by me this 2nd day of May, 2017.

Barry Bass, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office this
2nd day of May, 2017

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

**VILLAGE OF LINCOLNWOOD**

**PUMP HOUSE WATER PUMP REPLACEMENT AND VARIABLE FREQUENCY DRIVE INSTALLATION**

**PERFORMANCE BOND**

KNOW ALL MEN BY THESE PRESENTS: that ***[FULL NAME, ADDRESS AND ORGANIZATION OF CONTRACTOR]***, as Principal, hereinafter called Contractor, and ***[FULL NAME AND ADDRESS OF SURETY]***, as Surety, a corporation organized and existing under the laws of the State of ***[INCORPORATION]***, hereinafter called Surety, are held and firmly bound unto the VILLAGE OF LINCOLNWOOD, 6900 North Lincoln Avenue, Lincolnwood, Illinois 60712, as Obligee, hereinafter called Owner, in the full and just sum of ***[CONTRACT PRICE]*** Dollars ($***[CONTRACT PRICE]***), for the payment of which sum of money well and truly to be made, Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents, said amount to include payment of actual costs and damages and for attorneys' fees, architectural fees, design fees, engineering fees, accounting fees, testing fees, consulting fees, administrative costs, court costs, interest and any other fees and expenses resulting from or incurred by reason of Contractor's failure to promptly and faithfully perform its contract with Owner, said contract being more fully described below, and to include attorneys' fees, court costs and administrative and other expenses necessarily paid or incurred in successfully enforcing performance of the obligation of Surety under this bond.

WHEREAS, Contractor has entered into a written agreement dated ***[DATE OF CONTRACT AGREEMENT]***, with Owner entitled "Contract Agreement between Village of Lincolnwood and ***[CONTRACTOR'S NAME]*** for the Pump House Water Pump Replacement and Variable Frequency Drive Installation. Contract." (the "Contract"), the terms and conditions of which are by this reference incorporated herein as though fully set forth herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH THAT if Contractor shall well, truly, and promptly perform all the undertakings, covenants, terms, conditions, and agreements of said Contractor under the Contract, including, but not limited to, Contractor's obligations under the Contract: (1) to provide, perform and complete at the Work Site and in the manner specified in the Contract all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data, and other means and items necessary for the construction and installation of the Pump House Water Pump Replacement and Variable Frequency Drive Installation; (2) to procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in the Special Conditions of Contract; (3) to procure and furnish all bonds and certificates and policies of insurance specified in the Contract; (4) to pay all applicable federal, state, and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform, and complete all of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by and pursuant to, the Contract; all of which is herein referred to as the "Work," whether or not any of said Work enter into and become component parts of the improvement contemplated, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

**PERFORMANCE BOND**

Surety, for value received, hereby stipulates and agrees that no changes, modifications, alterations, omissions, deletions, additions, extensions of time, or forbearances on the part of either Owner or Contractor to the other in or to the terms of said Contract; in or to the schedules, plans, drawings, or specifications; in or to the method or manner of performance of the Work; in or to Owner-furnished facilities, equipment, materials, services, or sites; or in or to the mode or manner of payment therefor, shall in any way release Contractor and Surety or either or any of them, or any of their heirs, executors, administrators, successors, or assigns, or affect the obligations of Surety on this bond, all notice of any and all of the foregoing changes, modifications, alterations, omissions, deletions, additions, extensions of time, or forbearances, and notice of any and all defaults by Contractor or of Owner's termination of Contractor being hereby waived by Surety.

Notwithstanding anything to the contrary in the foregoing paragraph, in no event shall the obligations of Surety under this bond in the event of Contractor's default be greater than the obligations of Contractor under the Contract in the absence of such Contractor default.

In the event of a default or defaults by Contractor, Owner shall have the right to take over and complete the Contract upon 30 calendar days' written notice to Surety, in which event Surety shall pay Owner all costs incurred by Owner in taking over and completing the Contract.

At its option, Owner may instead request that Surety take over and complete the Contract, in which event Surety shall take reasonable steps to proceed promptly with completion no later than 30 calendar days from the date on which Owner notifies Surety that Owner wants Surety to take over and complete the Contract.

Owner shall have no obligation to actually incur any expense or correct any deficient performance of Contractor in order to be entitled to receive the proceeds of this bond.

No right of action shall accrue on this bond to or for the use of any person or corporation other than Owner or the heirs, executors, administrators, or successors of Owner.

Signed and sealed this ___ day of _____, 20___.

Attest/Witness:

PRINCIPAL: ***[NAME OF CONTRACTOR]***

By: _____

By: _____
***[NAME OF CONTRACTOR'S EXECUTING OFFICER]***

Title: _____

Title: ***[TITLE OF CONTRACTOR'S EXECUTING OFFICER]***

Attest/Witness:

SURETY: ***[NAME OF SURETY]***

By: _____ By: _____

Title: _____ Title: _____

Telephone: _____

# VILLAGE OF LINCOLNWOOD

## PUMP HOUSE WATER PUMP REPLACEMENT AND VARIABLE FREQUENCY DRIVE INSTALLATION

## LABOR AND MATERIAL PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: that ***[FULL NAME, ADDRESS AND ORGANIZATION OF CONTRACTOR]***, as Principal, hereinafter called Contractor, and ***[FULL NAME AND ADDRESS OF SURETY]***, as Surety, a corporation organized and existing under the laws of the State of ***[INCORPORATION]***, hereinafter called Surety, are held and firmly bound unto the VILLAGE OF LINCOLNWOOD, 6900 North Lincoln Avenue, Lincolnwood, Illinois 60712, as Obligee, hereinafter called Owner, for the use and benefit of itself and of claimants as hereinafter defined, in the full and just sum of ***[CONTRACT PRICE]*** Dollars ($***[CONTRACT PRICE]***), to be paid to it or the said claimants or its or their assigns, to which payment well and truly to be made Contractor and Surety bind themselves, their heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents, said amount to include attorney's fees, court costs, and administrative and other expenses necessarily paid or incurred in successfully enforcing performance of the obligation of Surety under this bond.

WHEREAS, Contractor has entered into a written agreement dated ***[DATE OF CONTRACT AGREEMENT]***, with Owner entitled "Contract Agreement Between Village of Lincolnwood and ***[CONTRACTOR'S NAME]*** for the "Pump House Water Pump Replacement and Variable Frequency Drive Installation." (the "Contract"), the terms and conditions of which are by this reference incorporated herein as though fully set forth herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH THAT if Contractor shall promptly pay or cause to be paid all sums of money that may be due to any claimant with respect to Contractor's obligations under the Contract: (1) to provide, perform, and complete at the Work Site and in the manner specified in the Contract all necessary work, labor, services, transportation, equipment, materials, apparatus, machinery, tools, fuels, gas, electric, water, waste disposal, information, data, and other means and items necessary for the construction and installation of the Pump House Water Pump Replacement and Variable Frequency Drive Installation, together with related attachments, equipment, and appurtenances thereto; (2) to procure and furnish all permits, licenses, and other governmental approvals and authorizations necessary in connection therewith except as otherwise expressly provided in the Special Conditions of Contract; (3) to procure and furnish all bonds and certificates and policies of insurance specified in the Contract; (4) to pay all applicable federal, state, and local taxes; (5) to do all other things required of Contractor by the Contract; and (6) to provide, perform, and complete all of the foregoing in a proper and workmanlike manner and in full compliance with, and as required by and pursuant to, the Contract; all of which is herein referred to as the "Work," whether or not any of said Work enter into and become component parts of the improvement contemplated, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

For purpose of this bond, a claimant is defined as one having a direct contract with Contractor or with a subcontractor of Contractor to provide, perform or complete any part of the Work.

Contractor and Surety hereby jointly and severally agree that every claimant who has not had all just claims for the furnishing of any part of the Work paid in full, including, without limitation, all claims for amounts due for materials, lubricants, oil, gasoline, rentals of, or service or repairs on, machinery, equipment, and tools consumed or used in connection with the furnishing of any part of the Work, may sue on this bond for the use of such claimant, may prosecute the suit to final judgment for such sum or sums as may be justly due such claimant, and may have execution therein; provided, however, that Owner shall not be liable for the payment of any costs or expenses of any such suit. The provisions of 30 ILCS 550/1 and 30 ILCS 550/2 shall be deemed inserted herein, including the time limits within which notices of claim must be filed and actions brought under this bond.

Contractor and Surety hereby jointly agree that Owner may sue on this bond if Owner is held liable to, or voluntarily agrees to pay, any claimant directly, but nothing in this bond shall create any duty on the part of Owner to pay any claimant.

Surety, for value received, hereby stipulates and agrees that no changes, modifications, alterations, omissions, deletions, additions, extensions of time, or forbearances on the part of Owner or Contractor to the other in or to the terms of said Contract; in or to the schedules, plans, drawings, or specifications; in or to the method or manner of performance of the Work; in or to Owner-furnished facilities, equipment, materials, services, or sites; or in or to the mode or manner of payment therefor shall in any way release Contractor and Surety or either or any of them, or any of their heirs, executors, administrators, successors, or assigns, or affect the obligations of said Surety on this bond, all notice of any and all of the foregoing changes, modifications, alterations, omissions, deletions, additions, extensions of time, or forbearances and notice of any and all defaults by Contractor or of Owner's termination of Contractor being hereby waived by Surety.

**LABOR AND MATERIAL PAYMENT BOND**

Signed and sealed this ___ day of _____, 20___.

Attest/Witness:

By: _____

Title: _____

PRINCIPAL: ***[NAME OF CONTRACTOR]***

By: _____
***[NAME OF CONTRACTOR'S EXECUTING OFFICER]***

Title: ***[TITLE OF CONTRACTOR'S EXECUTING OFFICER]***

Attest/Witness:

By: _____

Title: _____

SURETY: ***[NAME OF SURETY]***

By: _____

Title: _____

Telephone: _____

#10225884_v1

## ATTACHMENT A - BID FORM AND SUBMITTALS

## SECTION 00 41 43

**TO:** **VILLAGE OF LINCOLNWOOD**

**PROJECT:** **MAIN PUPM STATION – PUMP #4 REPLACEMENT**

**ACKNOWLEDGMENTS**: The undersigned has received the Contract Documents entitled: **"Main Pump Station – Pump #4 Replacement"** and the following addenda to these documents:

| | |
|---|---|
| Addendum No. 1 | Dated 1-18-18 |
| Addendum No. 2 | Dated 1-24-18 |
| Addendum No. 3 | Dated 1·25·18 |
| Addendum No. _____ | Dated _____ |

All provisions of the Contract Documents and the addenda have been included in the Proposal submitted by the undersigned. The undersigned has carefully examined all of the Contract Documents and the sites and submits the following Proposal:

**AGREEMENT:** In submitting this Proposal, the undersigned agrees and/or understands:

1. Bids are to be held for **45 days** with a "Notice of Award" expected to be issued to the apparent successful bidder within **30 days** after the bid opening.

2. The prices in this bid have been arrived at independently, without consultation, communication or agreement, as to any matter relating to such prices with any other bidder or with any competitor and this Bid is in all respects fair and without collusion or fraud. Unless otherwise required by law, the prices which have been quoted in this Bid have not been knowingly disclosed and will not knowingly be disclosed prior to opening directly or indirectly to any other bidder or to any competitor. No attempt has been made nor will be made by the undersigned to induce any other person or firm to submit or not to submit a Bid for the purpose of restricting competition.

3. To enter into and execute the Contract and furnish the properly executed bonds and insurance certificates within the time and with the forms and in the amounts required by the Contract Documents if the award is made to the undersigned.

4. To accomplish the Work strictly in accordance with the Contract Documents.

5. To complete all Work within **the time periods specified and** after Notice To Proceed is received. The Bidder, in submitting a bid offer, accepts the specified Contract Time for performing the Work. Completion of Work shall be in accordance with the phased construction schedule. Contractor shall submit with the Bid a copy of the proposed construction schedule.

6. The undersigned warrants that he/she has carefully examined the sites of the Work and all Contract Documents, that he/she is fully aware and knows of the character of the material, that he/she is fully satisfied as to the conditions to be encountered overhead, on the surface and in the spaces, and of the character, quality and quantities of Work to be performed and materials to be furnished, and the requirements of the Contract Documents. Furthermore, the undersigned has based the within Contract prices on his/her own independent examination in performing the Work and has not relied upon any information furnished to him/her by the **Owner**, any agent, servant or employee of the **Owner**. The undersigned agrees to assume all risks arising from any deficiencies in the Drawings, Specifications, or other Contract Documents and will make no claim against the **Owner** because of any such alleged deficiency or alleged breach of warranty by the **Owner**. The undersigned further assumes all risks of any unforeseen conditions to be incurred in performing the Work, either overhead, on the surface, or in spaces, and has taken these risks into consideration in preparing his/her Bid. The undersigned further warrants that he/she will perform such additional and/or corrective Work as may be required in order to insure that the Work performs its intended function satisfactorily, for the prices set forth

in his/her proposal and at no additional cost to the **Owner**.

7. Before submitting this Proposal, the undersigned confirms that he/she has available the equipment, forces and materials necessary to perform the Work and made all necessary arrangements to insure that such equipment and materials be delivered to the site at such time as will enable him/her to perform all obligations of the Contract within the Construction Time herein stated. Furthermore, the undersigned also confirms that he/she has contacted the manufacturers and/or suppliers of the equipment and materials necessary to perform the Work and made all necessary arrangements to insure that such equipment and materials be delivered to the site at such time as will enable him/her to perform all obligations of the Contract within the Construction Time herein stated.

8. Each pay item listed in the Bidding Schedule and in the Schedule of Prices shall have a unit price or lump sum price and a total price.

9. The unit price shall govern if no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity.

10. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.

11. A bid will be declared unacceptable if neither a unit price nor a total price is shown.

12. The undersigned firm certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the **State of Illinois**, nor has the firm made an omission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm. The undersigned firm further certifies that it is not barred from contracting with any unit of State or local government as a result of a violation of the State laws prohibiting bid-rigging or bid-rotating.

**NOTE: Bidders shall submit a price for each Item in the Bidding Schedule. Failure to do so may result in rejection of the Proposal.**

## BID FORM

**BIDDING SCHEDULE**:

The undersigned, having carefully examined all of the Contract Documents for the **"Main Pump Station Pump #4 Replacement"** as well as the site of the Work and all conditions affecting the Work, including adjacent surroundings, shall furnish all services, labor, equipment and materials necessary and to complete all the Work for the prices set forth in the following Schedule:

| Item No. | Description | Unit | Qty. | Unit Cost | Cost |
|---|---|---|---|---|---|
| 26 05 19/01 | LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES | LSUM | 1 | $ 2,998.00 | $ 2,998.00 |
| 26 05 33/01 | RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS | LSUM | 1 | $ 1,733.00 | $ 1,733.00 |
| 26 29 23/01 | VARIABLE FREQUENCY DRIVES | LSUM | 1 | $ 36,309.00 | $ 36,309.00 |
| 27 51 25/01 | MODIFICATIONS TO EXISTING SCADA SYSTEM | LSUM | 1 | $ 19,800.00 | $ 19,800.00 |
| 27 51 25/02 | PRESSURE SENSOR, COMPLETE | LSUM | 1 | $ 3,245.00 | $ 3245.00 |
| 33 11 00/01 | DUCTILE IRON PIPING & PIPE FITTINGS | LSUM | 1 | $ 6,790.00 | $ 6,790.00 |
| 33 11 00/02 | 8" CHECK VALVE | EACH | 1 | $ 1,810.00 | $ 1,810.00 |
| 33 42 00/01 | HORIZONTAL SPLIT CASE PUMP | LSUM | 1 | $ 49,447.00 | $ 49,447.00 |
| | INSURANCE & BONDS | LSUM | 1 | $ 1,085.00 | $ 1,085.00 |
| | | | | TOTAL BID | $ 123,217.00 |

**BID FORM**

**EXCEPTIONS AND DEVIATIONS**

The Bidder shall list herein all exceptions and deviations taken to the Contract Documents by Section and page number. (Use additional sheets if required and state number of sheets).

Exceptions and deviations taken to the Contract Documents are (check one): None ( ☐ ); As Stated Below ( ☑ )/Sheet ___ of ___.

| Section/Pg. No. | Description of Exception/Deviation |
|---|---|
| | It is unlikely that the pump and VFD will be available in the timeframe specified. Actual lead time is likely to be 10-12 weeks (possibly more) after submittal approval and release into production. We have experienced a 16 week delivery for a similar pump on another project we are currently involved in (also an Aurora Pump). Additionally, VFD submittals and production times have a similar lag, this due to the hurricanes over the past twelve months. |

**SUBCONTRACTOR LISTING**

The following list of subcontractors and class of work performed by each is submitted. Subcontractors are defined as persons, firms or corporations who supply labor and/or materials for work under this Contract.

| Subcontractor | Class of Work |
|---|---|
| Okeh Electric | Electrical Subcontractor |
| Tri-R Systems | Controls Integrator |

**BID FORM**

**BIDDER'S EXPERIENCE/QUALIFICATIONS**

To demonstrate the Bidder's experience/qualifications, the Bidder shall list herein at least five (5) similar projects equal or greater in capacity which the Bidder has successfully completed within the past ten (10) years.

| Owner Or Municipality | General Project Description | Reference Name and Phone No. | Year Completed |
|---|---|---|---|
| City of Naperville | NEWW Pump and Piping | Pat O'Malley 630-768-6693 | 2008 |
| City of Joliet | Aux Sable WWTP Effluent Pump Replacement | Nick Gornick 815-405-3666 | 2015 |
| City of Des Plaines | Central Road Booster PS | Tim Watkins 847-391-5468 | 2016 |
| Cook County Catholic Cemeteries | All Saints Stormwater PS | Scott Minogue 708-236-5470 | 2017 |
| City of Crystal Lake | VOC Removal Improvements | Mark Sikora 630-587-0470 | 2011 |

**Note: Bid will be considered "Non-Responsive" if the above experience listing, qualifications and requirements are not fulfilled.**

## BID FORM

### BID CONDITIONS

It is expressly understood and agreed that quantities in the Bidding Schedule for Unit Price Work Items are approximate only, and that payment on the Contract will be made only on the actual quantities of Work complete in place, measured on the basis defined in the Contract Conditions and the Contract Specifications.

The undersigned has carefully checked the above Bidding Schedule against the Contract Drawings and Specifications before preparing this proposal and accepts the items listed in this Bid as substantially correct, both as to classification and amount, and as correctly listing the complete Work to be done in accordance with the Contract Drawings and Specifications.

If this Bid is accepted and the undersigned shall fail to contract as aforesaid and to give the Performance Bond and Payment Bond and to provide all insurance as required by the Contract Documents within **fifteen (15) days** after the date of the award of the Contract, the Owner may, at his/her option, determine that the Bidder has abandoned his/her Contract, and thereupon this Bid and the acceptance thereof shall be null and void, and the forfeiture of any such security accompanying this Bid shall operate and the same shall be the property of the Owner as liquidated damages.

Note:

a. Insert the words "bid bond" or "cashier's check", or "certified check" as the case may be. **In the case where bid security is not required by the contract insert the words "Not Required by Contract"**.

b. Amount must be equal to at least **ten percent (10%)** of the Total Bid Price. Where an Alternative(s) has been requested, the Bid Security shall be at least ten percent (10%) of the highest aggregate amount whether it be the Total Base Bid Price or the Total Alternative Bid Price.

**BID SECURITY NOT REQUIRED**

### PROPOSAL SIGNATURE:

State of Illinois )
) ss
County of Cook )

Robert D. Lamantia, being first duly sworn on oath deposes and says that the Bidder on the above Bid is organized as indicated below and that all statements herein made are made on behalf of such Bidder and that his/her deponent is authorized to make them.

Robert D. Lamantia, also deposes and says that he examined and carefully prepared his/her Bid from the Contract Drawings and Specifications and has checked the same in detail before submitting this Bid, that the statements contained herein are true and correct.

## BID FORM

(Fill Out Applicable Paragraph Below)

If Bidder is:

An Individual

By _____ (SEAL)
(Individual's Name)

doing business as _____

Business address:

Phone Number:

A Partnership

By _____ (SEAL)
(Firm Name)

_____
(General Partner)

Business address:

Phone Number:

A Corporation

By Dahme Mechanical Industries, Inc.
(Corporation Name)

Illinois
(State of Incorporation)

By Robert D. Lamantia
(Name of Person Authorized to Sign)

President
(Title)

(Corporate Seal)

Attest _____ (SEAL)
(Secretary)

Business address: 610 S. Arthur Ave.
Arlington Heights, IL 60005

Phone Number: 847-253-0341

END OF SECTION

# EQUIPMENT & MATERIAL SUBMITTALS

## SECTION 01 33 00

PART 1- GENERAL

1.01 SCOPE

A. This Section establishes minimum requirements and procedures for Equipment Submittals made by the Contractor for materials and equipment provided for under the Work of this Contract. Specific details for additional drawings, data and information to be submitted shall be in accordance with the applicable requirements of other Sections of these Specifications.

B. Acceptable Manufacturers and Equipment Suppliers for various items of equipment are specified in respective Sections of these Contract Documents. For convenience of designation in the Contract Documents, certain equipment, articles, materials, and processes are designated by manufacturer trade name or catalog name and number. Such designation shall be deemed to be followed by the words "or equal" whether such words are shown or not. The Contractor may offer material or processes which are equal to that so indicated or specified at the time of Bid. The burden of proof as to comparative quality and suitability of alternatives shall be upon the Contractor. Specified items are preferred.

1.02 SUBMITTAL SCHEDULE

The Contractor shall, within 10 days after receiving the Notice to Proceed, prepare and submit for review a detailed list of all the submittals which he/she proposes to make to meet the requirements stated herein and those cited in other Sections of the Contract Documents including the dates on which he/she proposes to make such submittals. The list shall include Working Drawings, Field Detail Drawings, Project Record Documents, Quality Control Procedures, and all other items for which a submittal is required. The list shall include identifying references for each item to relate it to the specific item of the Contract Documents.

With each revision or certification of the Construction Schedule, the Contractor shall either revise this schedule of submittals and submit it for review or certify that the previously furnished schedule is still in effect.

After the Submittal Schedule is reviewed by the Owner's Representative, it shall become the basis for the submittal of all items by the Contractor.

**EQUIPMENT & MATERIAL SUBMITTALS**

1.03 SUBMITTAL REQUIREMENTS

A. General

The Contractor shall furnish for review his/her Submittals as outlined herein and in the Specifications. Submittals shall confirm compliance with the requirements of the Contract Documents. Submittals of equipment drawings shall be made prior to the fabrication of the equipment. The sequence of submission shall be such that information is available for review of each Submittal when it is received. All Submittals furnished formally shall bear an approval stamp or a certification. The stamp or certification shall be signed by an authorized representative of the Contractor. The Contractor's stamp or certification on any Submittals shall constitute a representation to the Owner that the Contractor has either determined and verified all quantities, dimensions, field construction criteria, materials, catalog numbers, and similar data, or that he/she assumes full responsibility for doing so, and that he/she has reviewed and coordinated each Submittal with the requirements of the Contract Documents. Before submitting any drawings for review, the Contractor shall obtain approval of the list of drawings he/she proposes to submit, showing sequence of submittal and submittal dates. All drawings shall be submitted in accordance with the Submittal Schedule as previously specified herein.

B. All submittals shall be addressed to the Owner or as otherwise directed by the Owner.

C. Outline Drawings

The Contractor shall submit outline drawings of the equipment to be furnished together with estimated weights, operating forces, external forces, anchoring details, and sufficient overall dimensions, to facilitate preparation of final designs of the structures into which the equipment is to be incorporated.

D. Wiring Diagrams

The Contractor shall submit complete schematic and full-line wiring diagrams for all equipment furnished by him/her. The Contractor shall furnish drawings of switch developments for all instrument and control switches and internal connection diagrams for all instruments, relays, regulators, and other devices. One print of each wiring diagram will be returned on which will be marked the wire notations and cable numbers for outgoing circuits where this information is not otherwise available to the Contractor. The Contractor shall add this

information to his/her drawings. Adequate space shall be allowed on the wiring diagrams to accomplish this.

E. Detail Drawings and Erection Drawing

Before proceeding with fabrication or manufacture of the material and equipment designed and furnished by him/her, the Contractor shall submit the designs, design computations when requested, apparatus ratings, detailed specifications, general assembly drawings, sufficient subassembly drawings, details, and control and wiring diagrams to demonstrate fully that all parts will conform to the provisions and intent of the Contract Documents and to the requirements of their installations, operations, and maintenance. These drawings shall substantially conform to the Bid and Contract Drawings and shall show all necessary dimensions; all field joints and subassemblies in which the Contractor proposes to ship the equipment; locations and sizes of auxiliary connections for oil, grease, water and air; and the terminal boxes and wire sizes for electrical circuits. Before proceeding with fabrication or purchase, the Contractor shall submit shop drawings and/or catalog cuts as appropriate of items designed but not detailed on the Contract Drawings including, but not limited to structural steel and metal frames, covers, and gratings.

F. Field Detail Drawings

Layout drawings for any and all embedded components of the equipment such as but not limited to, piping, conduit, anchor bolts/plates, thimbles, etc. shall be submitted. These drawings shall be based on the Contract Drawings and shall contain sufficient detail for construction in the field.

G. Review of Drawings

1. The Contractor shall make all required submittals in .pdf format. All drawings submitted shall, insofar as practicable, be of one standard size, measuring approximately 24 x 36 inches. The Contractor's drawings shall have a blank area of 4 x 4 inches adjacent to the drawing title block for the review stamp of the Owner's Representative. The Contractor shall verify by inspection of sample reproductions that good legible reproductions can be obtained from the reproducible before submittal.

2. Within two weeks of receipt of shop drawings or manufacturer's data, the Owner's Representative will return one copy of each drawing and/or data sheet marked to indicate the result of the Owner's Representative's

review, as follows:

a. "REVIEWED" - Revision of drawing or data will not be required.

b. "REVIEWED WITH CORRECTIONS" - Contractor shall revise the drawings or data and shall submit four print copies and one reproducible copy for Owner's Representative's records.

c. "REVISE AND RESUBMIT" - Contractor shall revise the drawing or data and shall resubmit the revised drawing or data to the Owner's Representative for review.

d. "REJECTED" - Drawings are non-conforming and do not meet intent of Specifications.

3. Copies marked "REVIEWED" or "REVIEWED WITH CORRECTIONS" authorize the Contractor to proceed with construction or fabrication covered by those drawings or data sheets with corrections, if any, incorporated.

4. Review will not relieve the Contractor of responsibility for conformity to the Contract Documents and correct detail and fit of parts when installed.

5. If minor revisions are made after a drawing has been returned to the Contractor marked "REVIEWED", the Contractor shall furnish without delay one print copy and one reproducible copy subsequent to each revision. No major revision affecting the design shall be made after a drawing has been marked "REVIEWED" without resubmitting the drawing.

6. When prints of drawings have been marked "REVIEWED WITH CORRECTIONS" or "REVISE AND RESUBMIT" the Contractor shall make the necessary corrections and submit four print copies and one paper-type reproducible. Every revision shall be shown by number, date, and subject in a revision block, and in addition, each revised drawing shall have its latest revision clearly indicated. Submitted drawings which do not illustrate these indications will be considered non-conforming.

7. The applicable parts of the requirements of the above paragraphs with reference to the drawings shall apply equally to design data, catalog cuts, illustrations, printed specifications, draft reports or any other submittals furnished for review.

8. The Contractor shall make any changes in the designs which are necessary to make the equipment conform to the provisions and intent of the Contract Documents, without additional cost to the Owner.

9. Should an error be found in a Contractor's drawing during the erection of structures or installation of equipment, the correction, including any field changes found necessary, shall be noted on the drawing, and it shall be resubmitted for review, and recorded as outlined above.

H. Record Drawings

Prior to completion of the Work under the Contract Documents, the Contractor shall furnish one complete set of full-size permanent reproducible copies of approved quality and type and 3 full size sets of prints of all Contractor's drawings and equipment as finally built, including any field changes.

I. Operating and Maintenance Instructions

1. Two hard copy sets and one .pdf version of detailed operating and maintenance instruction manuals which shall include reduced-size copies of applicable drawings, applicable parts lists and catalogs covering all equipment furnished and which may be needed or useful in operation, maintenance, repairs, dismantling or assembling, and for repair and identification of parts for ordering replacements, shall be furnished as specified.

2. Furnish operation and maintenance manuals for the various types of equipment and systems, as required by the Contract Documents. Unless otherwise indicated, a separate manual shall be furnished for each piece of equipment and/or system. The manual shall include complete information necessary to operate, maintain and repair the equipment and/or system and shall include the following specific requirements:

   a. Table of contents and index.

   b. Brief description of the equipment/system and principal components.

   c. Starting and stopping procedures both normal and emergency.

   d. Installation, maintenance and overhaul instructions which shall include detailed assembly

drawings with parts list and numbers, and recommended spare parts list with recommended quantity, manufacturer's price, suppliers address and telephone number.

e. Recommended schedule for servicing including technical data sheets that indicate weights and types of oil, grease or other lubricants recommended for use and their application procedures.

f. One copy of each component wiring diagram and the system wiring diagram showing wire size and identification.

g. One approved copy of each submittal with any changes made during construction properly noted including test certificates, characteristic curves, factory and field test results.

h. For electrical systems include dimensioned installation drawings, single line diagrams, control diagrams, wiring and connection diagrams, list of material for contactors, relays and controls, outline drawings showing relays and controls, outline drawings showing relays, meters, controls and indication equipment mounted on the equipment or inside cubicles, control and protective schematics and recommended relay settings.

3. Submittal Requirements: One preliminary copy of the manual in .pdf format shall be submitted no later than the date of shipment of equipment, and installation shall not begin until they are accepted by the Owner's Representative. One approved hard copy and one in .pdf format of complete manual shall be delivered to the Owner's Representative prior to Owner's Representative inspections and tests.

J. Language

All drawings, design data, reports, instructions, catalogs, illustrations, and printed specifications shall be submitted in English.

K. System of Units of Measurement

All units of measurement used shall be in the U.S. Customary System.

## EQUIPMENT & MATERIAL SUBMITTALS

PART 2- PRODUCTS

(Refer to Paragraph 1.03, Submittal Requirements, of this Section.)

PART 3- EXECUTION

(Refer to Paragraph 1.02, Submittal Schedule, of this Section.)

PART 4- MEASUREMENT AND PAYMENT

Separate measurement or payment will not be made for the Work specified in this Section. All costs of such Work shall be considered incidental and shall be included in the prices bid for the various items to which they pertain in the Schedule of Prices.

END OF SECTION

# GENERAL PROVISIONS FOR ELECTRICAL WORK

## SECTION 26 00 10

PART 1- GENERAL

1.01 SCOPE

A. This Section describes the general provisions for the Work to be performed under Division 26 - Electrical, of this Contract as well as Division 33 - Utilities, where applicable. The Contractor shall comply with these general provisions and shall perform all Work in accordance with the Specifications contained in this Section, as supplemented by Specification in related Sections, and as shown on the Drawings. Related mechanical work shall be performed in accordance with the applicable provisions of Division 33.

B. The following specifies the minimum general requirements by which the Contractor shall furnish, fabricate, deliver, erect, install, connect and test electrical materials, equipment and systems specified in the respective Sections of Division 26 and shown on the Drawings, so as to constitute a complete and operating electrical installation.

C. The Contractor shall provide all necessary coordination between the suppliers of the specified equipment so as to provide a well designed and satisfactory operating facility to the Owner. The Contractor is advised that these Specifications are not indented to cover every and all details of the Work. In case(s) where details related to the specified Work are not covered by these Specifications, it shall be the responsibility of the Contractor to include and execute such coordination and Work at no additional cost to the Owner.

D. Items of equipment furnished and installed as a part of the Work under other Sections of the Specifications shall be connected and wired as a part of the Work under this Section.

E. All operating limits of electrical apparatus whether furnished under this Section or in other Sections of the Specifications shall be adjusted in the field to meet the operating conditions reviewed by the Owner=s Representative and as required. This shall include settings of all overcurrent and trip devices, limit switches, timers, and control device adjustments, etc.

## GENERAL PROVISIONS FOR ELECTRICAL WORK

1.02 QUALITY ASSURANCE

A. Acceptable Manufacturers and Equipment Supplier

1. As shown on the Drawings and/or as specified hereinafter in subsequent Sections.

2. Acceptable manufacturers for various items of equipment are specified in respective Sections of these Contract Documents. For convenience of designation in the Contract Documents, certain equipment, articles, materials, and processes are designated by manufacturer trade name or catalog name and number. Such designation shall be deemed to be followed by the words "or approved equal" whether such words are shown or not. Contractor may offer material or processes which are equal to that so indicated or specified at the time of Bid. The burden of proof as to comparative quality and suitability of alternatives shall be upon Contractor. Specified items are preferred. After acceptance of Bid, no substitutions will be allowed, except as stated in the Bid. (Exception: Where Specifications indicate "No Substitutions Allowed" Contractor shall provide the designated manufacturers equipment without exception.)

B. Applicable Standards

1. All electrical work furnished and installed under this Section shall be in strict compliance with the ordinances and bylaws of the Village, State and/or any other political subdivision thereof governing the installation of the electrical work on this Project. In the absence of other more stringent authority, the electrical work shall conform to the requirements of the National Electrical Code.

2. The Contractor shall conform to the latest safety standards as required by the Occupational Safety and Health Administration (OSHA) in all Work performed. In addition, all equipment and materials shall meet all applicable OSHA requirements.

3. All equipment shall be U.L. rated.

1.03 SUBMITTALS

A. The Contractor shall comply with the requirements specified in Section 01 33 00 - Equipment Submittals, and as specified herein.

B. The Contractor shall not install any electrical work for any item of equipment specified under this or other Sections of the Contract until shop drawings of such equipment, reviewed by the Owner=s Representative, are made available to him/her. Any such Work installed by the Contractor prior to the Owner's Representative review will be the responsibility of the Contractor and any modification of the electrical work necessary to meet the equipment requirements shall be made without additional compensation.

C. Before fabrication and assembly of equipment, submit the following:

1. Front and rear elevations showing dimensions and the arrangement for each cubicle.

2. Plan and section views, including dimensions and mounting details.

3. Details of bus, connections, terminals, etc., including the complete ground bus arrangement and enclosure ground connections.

4. Single line diagram of equipment and control schematic diagram.

5. Wiring Diagrams

   a. Connection diagrams for the wiring of equipment in each cubicle.

   b. Interconnection diagrams for the wiring to equipment in other cubicles. Clearly identify the terminal block points for the external wiring to be routed in or out of the cubicles. Provide adequate space on the wiring diagrams for additions (by the Contractor) or cable and wire designations for that external wiring to be routed in or out of the cubicles at the terminal block.

6. Bill of Material.

7. Factory test procedures and protocols.

D. Prior to shipment of the equipment, submit for record and distribution:

1. All drawings as finally reviewed and corrected.

2. Recommended storage instructions.

3. Installation instructions and operating and maintenance manuals.

4. Spare parts bulletins.

5. Factory test reports (certified).

6. Booklet on maintenance procedures for circuit breakers and other equipment.

7. Field test procedures and protocols.

E. After final installation of the equipment the Contractor shall deliver a complete set of reproducible shop drawings of (including schematics, internal point-to-point and interconnecting) diagrams for all equipment and panels showing Work "as installed".

1.04 WARRANTY

All equipment (electrical and/or mechanical) specified by these Specifications shall be warrantied, and shall be provided with such warranties covering all parts and labor for a period of one (1) year from the date of Final Acceptance.

PART 2- PRODUCTS

2.01 GENERAL

A. Standard Products

The equipment furnished shall be standard products in production by reputable companies regularly engaged in the manufacture of high-quality equipment of the type specified. Similar equipment shall have been in satisfactory and successful operation for a period of at least two years. All parts of the specified equipment shall be so designed as to be especially adapted for the service required and shall be proportioned, enclosed, or guarded as to have ample and liberal strength and stability to withstand, without damage, the stresses to which they may be subjected during erection or operation. The component parts of duplicate items shall be fabricated on a principle of interchangeability to facilitate ready replacement.

B. Materials

All material incorporated in the equipment shall be new and of first-class quality, free from injurious defects and imperfections, and of the classifications and grades designated. Materials not specifically designated herein

shall be subject to the review of the Engineer and shall be suitable for the purpose intended.

2.02 RATINGS

The sizes, ratings, capacities, and performance characteristics of various specified items of equipment and devices are based on currently available standard products, which are available through United States manufacturers. In no case shall the size, rating, capacity or performance characteristic be less than that specified unless approved in writing by the Owner. Ratings and performance characteristics, where applicable, of various devices and items of equipment are specified in respective Sections of these Specifications. All electrical equipment shall be UL listed.

2.03 DETAILS OF CONSTRUCTION

A. Electrical work shall meet requirements of these Specification, product manufacturer's instructions, recommended tolerances and recommended procedures, and as indicated by final reviewed submittals for the Work.

B. Materials shall be of size and thickness indicated. If not indicated, size and thickness shall be selected to provide strength and durability in finished Work for intended application. Work to dimensions indicated, using proven fabrication details.

C. Product finishes, surfaces and edges shall be smooth and free of marks, burrs, seams, roughness and like defects or conditions.

D. Other electrical-mechanical product construction details shall be in accordance with the best engineering practices, applicable code requirements and as specified and/or other Sections of these Specifications.

PART 3- EXECUTION

3.00 GENERAL

A. The Contract Drawings indicate the general details necessary for the complete electrical installation. It shall be the Contractor's responsibility to install all electrical work in a neat and workmanlike manner. The Contractor shall cooperate with others to permit the installation of all of the work without interferences. If changes become necessary to avoid interference between the Work installed under various Sections, the Contractor shall submit to the Owner=s

Representative, for review, the proposed changes and upon review by the Owner=s Representative, proceed with the installation of such changes without additional cost to the Owners.

B. The Contractor shall maintain at the site a set of black-line prints on which shall be accurately shown the actual installation of all Work done under Division 26 and any variation from the Contract Drawings as reviewed by the Owner=s Representative including changes in sizes, locations, and dimensions shall be indicated thereon. At the conclusion of the Work, the Contractor shall furnish record drawings in accordance with the General Conditions and as specified herein.

3.01 FACTORY TEST AND INSPECTION

A. All equipment shall be shop-assembled and tested in the manufacturer's shop in accordance with recognized standard practices. Factory tests and inspections shall be conducted to verify that the equipment is operating satisfactorily and in compliance with the Specifications.

3.02 INSTALLATION AND TESTING

A. General: Examine the areas and conditions under which electrical work is to be installed or performed and remedy any conditions detrimental to the proper and timely completion of the Work. Do not proceed with the Work until unsatisfactory conditions have been corrected.

B. Existing Facilities: Verify existence, location, and operation of existing electrical facilities to be abandoned, removed, altered, modified and/or temporarily relocated to allow activities during construction of the Work.

C. Install electrical work. Meet requirements of these Specifications, product manufacturer's instructions, recommended tolerances, and recommended procedures and as indicated by final reviewed submittals for the Work.

3.03 PAINTING

A. All specified equipment shall be shop-primed and painted in accordance with manufacturer's standard finish.

B. The Contractor shall be responsible for coordination of the compatibility between manufacturer's standard finish and the field paint specified.

## GENERAL PROVISIONS FOR ELECTRICAL WORK

PART 4- MEASUREMENT AND PAYMENT

Separate measurement or payment will not be made for the Work specified in this Section. All costs for such Work shall be considered incidental and shall be included in the prices bid for the various items to which they pertain in the Schedule of Prices.

END OF SECTION

# BASIC ELECTRICAL MATERIALS AND METHODS

## SECTION 26 00 20

PART 1- GENERAL

1.01 SCOPE

In accordance with the Specifications contained in this Section and as shown on the Drawings, the Contractor shall furnish and install complete, and test, where specified, unless otherwise indicated, the following items of electrical material, equipment and systems for a complete operating electrical installation.

1. Electrical Conduit
2. Electric Outlets/Switches/Devices & Accessories
3. Electrical Motors & Accessories
4. Wire and Cable
5. Electrical Panel(s)/MCC's/Instrumentation
6. Grounding System

PART 2- PRODUCT

2.01 GENERAL

All equipment shall be new and shall be essentially standard products of the manufacturers regularly engaged in the production of the type of equipment specified herein. Like items shall be the product of a single manufacturer.

2.02 RATINGS/SIZES

(As specified in other Sections of these Specifications.)

2.03 DETAILS OF CONSTRUCTION

A. All permanent foundation materials such as anchor bolts, either embedded in the concrete or required for anchoring, shall be furnished with the equipment. Approved types of expansion anchors may be used where practicable for small equipment.

B. Each item of manufactured equipment furnished under these Specifications shall have a permanent nameplate affixed thereto in a readily visible place, showing the serial number, the name and address of the manufacturer, rated capacity, speed, electrical characteristics, and other pertinent data, as applicable. Nameplates of distributing agents only, will not be acceptable.

C. Control panels shall be furnished with the equipment complete with terminal blocks, wiring, and other miscellaneous devices

as indicated or required by the intended operation of the equipment or by the Drawings or Specifications. The equipment shall include all auxiliary and accessory devices, such as auxiliary transformers, auxiliary relays, protective devices, and resistors, whether or not they are expressly specified or indicated on the Drawings. Adequate provisions shall be made to accommodate, support, and connect cables to the terminal blocks or point of attachment. The Contractor shall locate and arrange his/her terminal blocks so that the external cable connections can be made in a neat and proper fashion. Shielded cables shall be grounded at the panel end only, and shall be terminated on terminal blocks. The shield terminations shall be subject to review.

D. Control wiring in Control panels shall be Type SIS stranded copper conductors, #14 AWG minimum size, 600-V. Class D stranded wire shall be used for wiring across hinged joints. Wiring shall be neatly arranged, properly supported, and terminated at terminal blocks. At least 20% extra terminals shall be provided at each group of blocks. Control circuits and power circuits shall be completely separated by use of divided cubicles or barriers. Terminal blocks shall be 600-V furnished with covers and marking strips showing the wire designation on the wiring diagrams or as designated by the Owner's Representative. Not more than 2 wires shall be connected to any one terminal screw. Terminals shall be suitable for a maximum external conductor size of #8 AWG.

E. The surfaces of the panel shall be bonderized (or otherwise treated so as to be substantially corrosion-resistant), primed and finished with 2 coats of the manufacturer's standard gray baked enamel applied in accordance with the manufacturer's directions. The interior surfaces shall be finished and painted in accordance with the standard practice of the equipment manufacturer. All surfaces to be painted shall be thoroughly cleaned, and all oil film and loose scale shall be removed before applying the first coat of paint. The color of the paint will be determined by the Owner. One gallon of finish paint used shall be furnished for touching up damaged surfaces after installation.

F. Each meter, instrument, operating device, control switch, panel and circuit shall have a nameplate with engraved circuit designation mounted in a clearly visible location. If any of the foregoing devices do not have apparatus designation thereon that is visible from the front, a nameplate with engraved apparatus designation shall also be furnished. Nameplates shall be uniform in shape, size, finish and lettering and be made of laminated black and white micarta or clear plastic material with lettering embossed on the back side and filled-in with opaque paint. The width and depth

of the lettering shall be so designed as to be legible from reasonable angles of observation. A typical nameplate sample shall be submitted to the Owner's Representative for review.

G. The Contractor shall size, furnish and install all pads and anchorages required for electrical equipment. The necessary excavation, backfilling, concrete and reinforcing steel shall conform to the requirements of applicable codes and other Sections of these Specifications. The Contractor shall furnish and install all the anchor bolts, pipe sleeves, brackets, leveling and setting plates, etc. when and where required.

## PART 3- EXECUTION

### 3.01 INSTALLATION

The methods of installation of Contractor-furnished equipment and materials are described in subsequent Sections and shall in general be in accordance with the manufacturer's standard procedure and recognized engineering practices.

### 3.02 TESTS

A. All electrical equipment, materials, and supplies shall have passed adequate routine factory tests. Field tests shall be made by qualified personnel, having thorough experience in previous jobs of similar scope, approved by the Owner. Field tests shall be made on electrical equipment or on each electrical installation or system as specified below, or as required to establish satisfactory operations and conformance with these Specifications. The tests shall be witnessed by the Owner's Representative. The Contractor shall give the Owner's Representative two weeks' notice in advance of the tests. The Contractor shall furnish all apparatus, materials, labor, and facilities for performing the required tests. Corrections for any defects shall be made by and at the expense of the Contractor to the satisfaction of the Owner's Representative. The Contractor shall submit test methods and a list of test equipment to be used for conducting these tests subject to the review of the Owner's Representative. Records of all tests made shall be kept by the Contractor and furnished to the Owner's Representative in triplicate, no later than 7 calendar days after each test is completed.

B. Control circuits shall be tested prior to operational testing with the control circuits energized but with the controlled equipment disconnected or otherwise made inoperable. The control systems shall be checked for proper operation by actuating each contact which initiates a control operation,

and then following the control sequence through the affiliated devices to ascertain that correct results are obtained with each condition of interlocking. The actuating of contacts as required to initiate an operation and to set up interlocking conditions shall be accomplished manually or by simulated operating conditions, whichever is applicable. At this time, adjustments shall be made as required to temperature switches, thermostats, pressure switches, flow switches, position switches, limit switches, auxiliary relays, timers and all other automatic control, interlocking and annunciation devices.

C. After the individual items of wiring and equipment have been tested and proved satisfactory and the preliminary control tests have been completed, the equipment shall be further tested for satisfactory operation under normal operating conditions. The equipment shall be lubricated, balanced, aligned, adjusted and operated through sufficient sequences and for a sufficient length of time to establish, to the satisfaction of the Owner, that the equipment, including all safety and limit devices, has been correctly installed and operates properly.

D. Specific tests to be performed in addition to the above tests are given in the Sections in which the equipment or system installation is specified.

3.03 PAINTING

(See Paragraph 2.03, E of this Section).

PART 4- MEASUREMENT AND PAYMENT

Separate measurement or payment will not be made for the Work specified in this Section. All costs for such Work shall be considered incidental and shall be included in the prices bid for the various items to which they pertain in the Schedule of Prices.

END OF SECTION

# LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES

## SECTION 26 05 19

PART 1- GENERAL

1.01 SCOPE

A. Description

This Section specifies the furnishing, installing, connecting, and testing of all insulated wire and cable required for component parts of electrical power, control, annunciation, low level control, signal, instrumentation, lighting, and telephone, including lugs and terminals, terminal blocks, cable joints, splice connectors, splicing materials, cable grips and wedges, cable clamps, cable supports, cable terminators, identification tags, and other miscellaneous equipment required to make a complete installation ready for operation.

B. Related Work

All equipment to be electrically connected.

1.02 QUALITY ASSURANCE

A. Acceptable Materials

Conductors shall be annealed copper wire, tinned where required and shall conform to the requirements of ICEA Standards.

Cable and wire shall conform to the corresponding requirements of the below listed Applicable Standards.

B. Applicable Standards

Construction and testing of all wire and cable shall conform to the applicable requirements of the ICEA Standard S-19-81, NEMA Pub. WC-4 "Rubber-Insulated Wire and Cable for the Transmission and Distribution of Electrical Energy"; ICEA Standard S-61-402, NEMA Pub. No. WC-5, "Thermoplastic-Insulated Wire and Cable for the Transmission and Distribution of Electrical Energy"; or ICEA Standard S-66-524, NEMA Pub. No. WC-7, "Cross Linked Thermosetting-Polyethylene Insulated Wire and Cable for the Transmission and Distribution of Electrical Energy"; ICEA Pub. No. 68-516, NEMA Pub. No. WC-8, "Ethylene-Propylene-Rubber-Insulated Wire and Cable for Transmission and Distribution of Electrical Energy"; ICEA S-95-658, NEMA WC 708 UL 44 "Non-Shielded Power Cables Rated 2000V or Less"; or ICEA Pub. No. S-56-434, "Standard for

Polyethylene-Insulated Thermoplastic-Jacketed Communication Cables". Installation shall conform to the requirements of the NEC.

1.03 SUBMITTALS

The Contractor shall submit to the Owner's Representative for review drawings, product specifications, and description, together with installation instructions and field check-out/testing procedures specified in Section 01 33 00 for all cable and wire furnished. Construction and insulation material features of all cable and wire shall be submitted for review. Samples shall be furnished when requested.

PART 2- PRODUCT

2.01 GENERAL

Conductors shall be annealed copper wire, tinned when required and shall conform to the requirements of ICEA Standards.

2.02 SIZE REQUIREMENTS

Not less than required by NEC and as shown on the Drawings.

2.03 DETAILS OF CONSTRUCTION

A. 600-V Power and Lighting Cable

Service entrance cables and any other power and lighting cables installed in conduits which are routed in concrete slabs or underground shall be type RHH-RHW-USE with insulation suitable for 600-V operation. Branch power and lighting circuits installed in conduits which are routed on walls or on trapeze on ceiling shall be Type XHHW-2, with insulation suitable for 600-V operation. No wire smaller than No. 12 AWG shall be used. Conductors No. 10 AWG and smaller may be solid. Conductors larger than No. 10 AWG shall be Class B stranded.

B. Control, Instrumentation, and Annunciation Cable

Control, instrumentation, and annunciation cable shall be single conductor suitable for 600-V service. Cable shall consist of Class B stranded conductors with insulation the same as that for 600-V power cable specified above. An overall outer jacket of polyvinyl chloride or neoprene shall be provided. Individual conductors of a multi-conductor cable shall be color coded.

C. Low Level Control, Instrumentation, and Signal Cable

The low level control, instrumentation and signal cables for carrying digital, analog, audio, or DC pulsed signals shall have individually shielded twisted pairs, PVC insulated for 600-V service, with overall shielding, and PVC jackets. The conductor shall be Class C stranded, No. 16 AWG or larger. Individual conductors of all twisted pairs shall be color Coded.

D. Telephone Cable

Telephone cable shall consist of No. 16 AWG or larger conductors with polyethylene insulation made up in color-coded twisted pairs to reduce crosstalk, a nonhygroscopic tape cable binder, a copper tape shield, and a polyethylene jacket.

E. Fixture Wire

Fixture wire shall be No. 14 AWG or larger with Class B stranding and with construction conforming to NEC, Type SF-2, consisting of a silicone rubber insulation with a protective woven fiber glass braid.

## PART 3- EXECUTION

### 3.01 FACTORY TESTS AND INSPECTION

Routine factory testing and inspection shall be performed in accordance with the requirements of the applicable standard.

### 3.02 INSTALLATION AND TESTING

A. Installation

1. Cable runs shall be continuous from terminal to terminal to the extent permitted by available commercial lengths. If splices are made in a run, they shall be made in boxes provided for the purpose and in an approved manner. The splicing process shall produce a joint which is as moisture-proof as the cable itself. Splices concealed in conduit shall not be permitted.

2. Insulated wire and cable shall be handled with care so as to avoid kinking and damage to insulation and outer jackets. Cables shall not be bent around a radius less than that recommended by the manufacturer.

3. The Contractor shall furnish all boxes, lugs, terminal blocks, and spade or ring terminals required where not

furnished with the equipment and shall make all connections required to provide a complete installation ready to operate.

4. Cable identification tags of a permanent type shall be provided and installed on all cables used for power, control, annunciation, telephone, metering and relaying, and lighting (except branch lighting conductors) for easy identification of the cables. Splices made in boxes shall also be permanently and prominently tagged. Tags shall bear the cable or wire designation shown on the Drawings or as directed. Samples of the proposed tags shall be submitted for review.

5. Wires and cables, in addition to being permanently tagged for identification, shall also be color coded as much as possible, except that Green shall always be used exclusively for "Ground" and White always for "Neutral" or "Return". In 1-ph service, Black shall always be "Hot". Switch and branch legs may be Red, Blue, Brown, Orange, Purple, or Yellow.

6. No cable shall be pulled into conduit unless the conduit is clean and dry.

7. Cable wedges, basket-weave grips, and clamps shall be furnished and installed to support vertical or inclined cable runs as shown on the Drawings or as required. Cables passing through hand holes shall be grouped, formed along the walls, and supported on brackets.

8. Sufficient slack shall be allowed in each run to permit contraction and expansion. Where a number of single conductor cables or wires comprising a circuit are trained through a pullbox, terminal box, or wiring gutter, they shall be neatly laced and tied together. Lacing shall also apply from the point of leaving a raceway to the point of attachment on the terminals of the Service Entrances/Switchboard, Motor Control Centers, Control Cabinets, or other devices unless the run will be in conduit. Lacing cord and the method of lacing shall be subject to review. Exposed wires and cables shall be cleaned of all wire pulling lubricant which may have remained on the cables after pulling through conduits or ducts.

9. Cables entering free standing equipment compartments from below shall be supported near the floor by means of approved cable clamps and brackets.

10. Metallic braid or tapes of shielded cables shall be grounded at only one end of the cables.

11. Connections in wires and cables shall be made in conformance with National Electrical Code.

12. Splicing of wires and cables shall be made in appropriately sized enclosures, as follows:

    a) Lighting wires and cables AWG sizes 14-10 shall be spliced by means of spring action type, insulated, color coded connectors, Scotchlock or equal. Connectors shall be individually sealed by means of Scotchlock or equal, connector sealing compound.

    b) Power and control cables AWG sizes 14-6 shall be spliced using in line compression type copper connectors.

    c) Power cables AWG sizes 4-350 MCM shall be spliced using compression type, one or two holes straight copper lugs.

13. Any and all excavation, trenching, concreting, backfilling required for the installation of wire and cables, shall be performed by the Contractor and at the Contractor's expense.

B. Testing

1. All circuits shall be rung-out or talked-out with proper signaling devices, and with all equipment disconnected at each end, to indicate that the circuit is continuous.

2. Contractor shall perform the following tests, or as required by the Owner's Representative. All tests must be supervised and witnessed by the Owner's Representative.

    a. Proper Phase Rotation
    b. Short Circuits
    c. Improper Grounds
    d. Voltage Measurements
    e. Power and control Insulation Resistance
    f. Load Measurements
    g. Ground Continuity
    h. Resistance to Ground Electrodes

3. Contractor shall furnish all meters, instruments, cable connections, equipment or apparatus necessary for making all tests.

4. Contractor shall check and test all transformers, power panels, feeders, power and control cables, connections, and motors to assure correct phase sequence and rotation. Phase sequence shall be A-B-C as follows:

   a. Top to bottom, left to right and front to rear when facing protective or disconnecting mechanism.
   b. Phasing shall be accomplished by using distinctive colors for various phases, as indicated in this Section.

5. After wires and cables are in place and connected to devices and equipment, the system shall be tested for short circuits, improper grounds, and other faults. If fault condition is present, the trouble shall be corrected at no expense to the Tollway and the wiring system shall be re-tested.

6. Insulation resistance measurements shall be taken after installation on all wire and cable, but before connections are made to equipment terminal, including shielded cables but excluding telephone circuits, to determine the adequacy of the insulation. Each circuit shall be tested for resistance between conductors and ground. Insulation resistances shall not be less than 250 megohms to ground for conductors. Measurements shall be taken with a megohm meter and recorded in the form provided (RESISTANCE TESTING FOR SINGLE & MULTIPLE CONDUCTOR POWER CABLES, 600V AND LESS).

7. Phase conductors, if shorted, grounded or at fault shall be removed, shall be replaced and the wiring system shall be re-tested.

8. Any wiring device, electrical apparatus, or lighting fixture grounded or shorted on any integral "live" part, shall be removed and the trouble corrected by replacing the defective parts or materials.

9. Upon completion of the electrical work, the Contractor shall place the entire installation in operation, test for proper function, and show systems and equipment to be free of defects. Motors and driven equipment shall not be run until properly lubricated. Pumps shall not be run until water or process fluid supply is connected and turned on. The Contractor shall test and record motor maximum load amperage and terminal voltage when uncoupled and coupled for each motor.

10. The Owner's Representative may conduct from time to time such tests as may be required to any part of the equipment to determine if it is installed in accordance with these Special Provisions. The Contractor shall extend to the Owner's Representative all facilities to this end and shall furnish skilled or unskilled help required. All tests shall be witnessed by the Owner's Representative and three copies of the verified test results shall be given to the Village promptly upon completion of a test.

11. Contractor shall provide assistance to the various equipment manufacturers' field Owner's Representatives as required in the testing and adjusting of the electrical power and control equipment. Cooperation by Contractor shall be such that a minimum of time is required for equipment testing.

12. A log shall be maintained for all tests. This log shall be certified before completion of the job, both as to test value and date of test.

13. Any faults in the work performed by the Contractor or in materials or equipment furnished by the Contractor shall be corrected or replaced promptly by the Contractor at his own expense.

14. Any faults in materials or equipment furnished by the Contractor which are the result of careless, incompetent or improper handling or installation by the Contractor shall be corrected or replaced promptly by the Contractor at no additional cost to the Owner.

15. All tests shall be made at the Contractor's expense and certification of the tests shall be submitted to the Owner's Representative. If any failures occur during the tests, the Contractor shall replace the faulty item.

3.03 PAINTING

(Not applicable to this Section).

PART 4- MEASUREMENT AND PAYMENT

4.01 MEASUREMENT

Measurement will not be made for the Work specified in this Section.

4.02 PAYMENT

A. Payment for the Work specified in this Section will be made at the lump sum price for Item 26 05 19/01, Low Voltage Electrical Power Conductors and Cables, in the Schedule of Prices.

B. This price shall be full compensation for furnishing all materials; and for all preparation; and for all labor, equipment, tools, and incidentals necessary for the Work as required by the Specifications and Drawings.

C. Payment will not be made for any other items except as listed above. All other costs associated with such Work shall be considered incidental and shall be included in the prices bid for the various items to which they pertain.

END OF SECTION

## RESISTANCE TESTING
## FOR SINGLE AND MULTIPLE CONDUCTOR POWER CABLES, 600 VOLTS AND LESS

- Testing shall be performed before connecting the cable to the terminals at either end. Continuity of each conductor shall be checked at this time.
- Each conductor shall be checked with a 1000 volt megger to ground, with all other conductors in the cable and shield, grounded. The minimum acceptable megger resistance shall be 250 megohms for each conductor to ground.

DATE: _____
PROJECT NAME: _____
FEEDER NUMBER: _____ LOCATION: _____
FROM: _____ TO: _____
CABLE SIZE: _____ CABLE LENGTH: _____
NO. OF CONDUCTORS: _____ INSULATION TYPE: _____
MAUFACTURER: _____ LINE VOLTAGE: _____
TEMPERATURE: _____ HUMIDITY: _____
MEGGER TYPE: _____ SERIAL NUMBER: _____
TEST VOLTAGE: _____ MULTIPLIER: _____
REMARKS _____

If applicable, all shields must be properly grounded prior to testing.

| Cable No. | MEGOHMS Phase A | MEGOHMS Phase B | MEGOHMS Phase C |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

TEST PERFORMED BY: _____ _____
Signature Date

TEST WITNESSED BY: _____ _____
Signature Date

# RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS

## SECTION 26 05 33

### PART 1- GENERAL

#### 1.01 SCOPE

This Section covers the general provision for furnishing and installing all conduits, related boxes and fittings, and associated accessories as required for the electrical power, control, annunciation, instrumentation, communication, and lighting systems as shown on the Drawings and as specified herein. All necessary hardware including, but not limited to screws, bolts, hangers, concrete inserts, clamps, locknuts, bushings, sealing bushings, couplings, pulling-in irons, identification tags, etc. shall be included.

#### 1.02 QUALITY ASSURANCE

A. Acceptable Manufacturers

Shall include but not be limited to LTV Steel Company, Allied Tube and Conduit Corporation, The Steelduct Company, American Brass Company, Republic Steel.

B. Applicable Standards

All Work shall conform to the applicable provisions of the codes, standards, and Specifications, as specified herein, and the following:

| Name | Abbreviation |
|---|---|
| Specifications for Rigid Steel Conduit, Zinc Coated | ANSI C80.1 |
| Specifications for Electrical Metal Tubing | ANSI C80.3 |
| Specifications for Fittings for Rigid Metal Conduit and Electrical Metallic Tubing | ANSI C80.4 |
| Conduit Fittings and Accessories | NEMA FB-1 |
| Outlet Boxes and Fittings | UL-514 |
| National Electrical Code | NEC |

#### 1.03 SUBMITTALS

A. The Contractor shall submit to the Owner's Representative for

review drawings, product specifications and descriptions, together with operating and maintenance instructions, specified in Section 01 33 00 of all equipment furnished.

B. As part of the Record Drawings submitted, the Contractor shall submit a conduit schedule at the completion of the Project. The conduit schedule shall contain, as a minimum, the following information for each run of conduit.

1. Conduit designation.

2. Conduit type and size.

3. Routing: the routing shall identify the equipment (from-to) connected at the conduit termination.

4. Description of cables installed in the conduit including function of cables.

## PART 2- PRODUCTS

### 2.01 GENERAL

Electrical conduit and related fittings shall be U.L. listed. The conduit inside diameter shall have a smooth finish to facilitate fishing and/or pulling of wires and cables. Where flexible conduits are used they shall be of the liquid tight type.

### 2.02 SIZE REQUIREMENTS

Conduits smaller than 3/4-inch diameter shall not be allowed, unless otherwise shown on the Drawings. Conduit sizes shall be as shown on the Drawings. In cases where conduit sizes are not shown on the Drawings, the minimum size shall be in accordance with the applicable provisions of NEC.

### 2.03 DETAILS OF CONSTRUCTION

A. Rigid Metal Conduit and Fittings

1. Rigid metal conduit shall be heavy wall, hot-dip galvanized steel. Thin wall conduits and metallic tubing are not acceptable unless specifically shown on the Drawing or specified for use in other Sections of these Specifications.

2. Metal conduit fittings and covers shall be galvanized or sherardized iron or malleable iron castings with gaskets as required. Composition or rubber gaskets shall be provided where required to prevent entrance of

moisture.

3. Rigid metal conduit expansion joint fittings shall consist of standard manufactured products, designed so as to prevent damage to the cables and equipped with approved means of providing electrical continuity of the conduit run. Expansion joint fittings shall permit a small amount of transverse movement as well as longitudinal movement. All couplings and fitting joints shall be of the threaded type.

4. Aluminum shall not be used either for conduits, fittings, pullboxes, junction boxes, or any other electrical device, unless otherwise specifically shown on the Drawings.

B. Flexible Liquid-Tight Conduit

1. Flexible liquid-tight conduit shall be "Sealtite Type UA".

2. The conduit shall consist of an interlocked galvanized steel core and a liquid tight cover made of polyvinyl chloride synthetic resin. A ground bonding conductor shall be included.

C. Electrical Metallic Tubing (EMT) and Related Fittings

Electrical metallic tubing shall comply with FS WW-C-563 and ANSI C80.3. EMT fittings shall comply with FS W-F-408. EMT shall be provided only as shown on the Drawings or as otherwise specified in other Sections of these Specifications. Couplings, connectors and other fittings for EMT shall be cadmium or zinc plated steel, or cadmium plated malleable iron and shall be raintight, compression type.

D. Rigid Nonmetallic Conduit

1. Rigid nonmetallic conduit shall be of the polyvinyl chloride (PVC) type, Schedule 40 or 80 as shown on the Drawings, and shall be in accordance with the applicable requirements of NEC.

2. The conduit, fittings and accessories shall be manufactured from polyvinyl chloride complying with ASTM D1784 and shall comply with all the applicable requirements of NEMA Publication No. TC2, UL 651 for EPC-40-PVC and N.E.C. Article 352.

3. Fittings and accessories for the electrical plastic conduit shall comply with all applicable requirements

of NEMA Publication No. TC3.

4. The solvent cement used to join the conduit and fittings shall meet the requirements of ASTM D2564.

E. Coilable Non-Metallic Conduit

1. Coilable non-metallic conduit shall be smooth wall high density polyethylene duct, Schedule 40 or 80, as shown on the Drawings, and shall be in accordance with Article 353 of the NEC.

2. The conduit, fittings and accessories shall be manufactured from high density polyethylene which meets the requirements of ASTM D1248, Type III, Class C and the requirements listed in Section 3 of NEMA Standard Publication No. TC-7.

3. Conductors installed in coilable non-metallic conduit (also referred to as unit duct) shall be in accordance with applicable requirements of these Specifications, the NEC, and as shown on the Drawings.

F. Junction, Outlet, Terminal, and PullBoxes and Covers

Junction, outlet, and pullboxes and covers shall be constructed of stainless steel, painted aluminum, sheet steel or cast-metal as shown on the Drawings. Covers shall be secured with screws, except for boxes 16 inches or larger which shall have piano hinged covers with quarter turn screws, or as otherwise specified. Gaskets shall be provided for all boxes and be padlockable. Terminal boxes shall be furnished with UL listed terminal blocks as required and as indicated on the Drawings for the wire sizes indicated.

G. Handholes

1. Handholes and covers shall be made of precast polymer concrete reinforced with fiberglass. Enclosures, boxes and covers are required to conform to all test provisions of the most current ANSI/SCTE 77 "Specification for Underground Enclosure Integrity" for a minimum Tier 15 rating, or as otherwise indicated on the Drawings. When multiple "Tiers" are specified the boxes must physically accommodate and structurally support compatible covers while possessing the highest Tier rating. All covers are required to have the Tier level rating embossed on the surface. In no assembly can the cover design load exceed the design load of the box. All components in an assembly (box and cover) are manufactured using matched surface tooling. Handholes (including box and

cover) shall be UL listed.

2. Handholes shall be as indicated on the Drawings and shall be stackable straight wall enclosures, provided with skid resistant, 2-bolt lids, engraved with specified logo. Handholes shall be provided with stainless steel hardware and cable racks/hooks.

## PART 3- EXECUTION

### 3.01 FACTORY TEST AND INSPECTION

Routine factory testing and inspection shall be performed in accordance with the requirements of the applicable standard.

### 3.02 INSTALLATION AND TESTING

#### A. General

Any and all excavation, trenching, coring, backfilling, incidental concreting (not part of a structure in which conduits are embedded) and/or concreting required for duct banks, etc. as required for the installation of Electrical Conduit shall be performed by the Contractor at the Contractor's expense. Installation of all raceway conduits and fittings shall be in accordance with these Specifications, manufacturer's recommendations, applicable standards, codes and regulations, and best engineering practices.

#### B. Installation of Rigid Steel Conduit

1. Installation of all conduits, boxed fittings, and accessories shall conform to the requirements of the "National Electrical Code", insofar as this is applicable. During installation, precaution shall be taken to protect the conduits and conduit threads from mechanical injury. The ends of conduits shall be sealed in an approved manner during installation whenever the work is interrupted. Runs shall be sealed upon completion by the use of caps and discs or plugs. The seals shall be maintained, except during inspection and tests, until the conductors are pulled in. Conduits shall be inspected before conductors are installed and thoroughly cleaned of water and dirt by means of compressed air, swabs or other approved methods. Conduits shall be checked for freedom from obstructions by pulling a wooded mandrel of the proper size through the conduit. All boxes and fittings shall be kept closed and free from dirt, moisture, and debris.

2. Each run of conduit between boxes or equipment shall be electrically continuous. Threads shall conform to ANSI-B2.1 standards for taper pipe threads. Conduits shall be cut square, ends reamed and threads cut with approved dies. Running or non-tapered threads will not be permitted. Conduits entering slip holes in boxes shall be secured with a locknut on each side at the box wall and terminated with bushings.

3. Threaded conduit joints shall be made watertight by use of red lead and oil, white lead and oil, or other approved compounds. Threaded joint compound shall be electrically conductive.

4. Exposed conduit shall be 3/4 inch IPS or larger and shall run in straight lines parallel to walls, beams or columns. Required offsets shall be accomplished by use of uniform offsets, bends, conduit fittings, or standard boxes. Where conduits are grouped, the offsets shall be made in a manner which will present a uniform and symmetrical appearance.

5. Conduits shall be supported as required by NEC. Capped conduit and conduit terminating in boxes or fittings shall be supported as close to the terminal as possible but in no case farther than 3 feet from the terminal. Galvanized clamps, U-bolts, and J-bolts shall be used to fasten conduits. Boxes and equipment housings shall be supported independently of the conduits. Conduits and boxes shall not be fastened directly to concrete but shall be spaced away by means of one inch galvanized metal channels or spacers. Machine screws or bolts set in concrete inserts or cinch anchors shall be used for securing clamps and boxes to concrete or to steel supporting channels. The use of explosive-driven anchors for securing clamps, supports, and boxes to concrete will not be permitted, except in such cases where special permission has been obtained in writing from the Owner.

6. Exposed conduits inside building shall run supported on walls or on trapezes away from wall.

7. Conduit embedded in concrete shall be one inch or larger, unless otherwise shown on the Drawings. Embedded conduit shall be sloped towards drain points and shall be rigidly supported and braced to avoid shifting during placement of concrete. Embedded conduit runs parallel to concrete surfaces shall be located behind the reinforcing steel except at terminal connections to outlets or junction boxes. Conduit extending out of concrete walls, floors,

or beams shall be at right angles to the surface.

8. Minimum spacing of conduits embedded in concrete shall be as required by N.E.C. for proper conductor heat dissipation. The minimum spacing shall be maintained except where approaching and entering a box or panel. Conduit spacing shall also permit the flow of concrete between them.

9. Conduits embedded in concrete and terminating at motors or other equipment mounted on concrete bases shall be brought up to the equipment within the concrete base wherever possible.

10. All conduit boxes shall be so located that covers and openings are easily accessible. They shall be installed parallel with building lines, and where embedded shall be flush with the surface of the finished floor, wall, or ceiling. The Contractor shall remove and reset all boxes not properly installed or shifted out of line during concreting, whenever required or directed.

11. Conduits shall have long-sweep field bends wherever possible, but shall in no case have smaller radii bends than are allowed by NEC or as recommended by the manufacturer whichever is the most stringent. All field bends shall be manufactured bends or made with a bending machine or other approved device. Field bends shall not reduce the internal diameter of the conduit or injure the protective coatings. The bend shall be free of kinks, indentations, or flattened surfaces. Heat shall not be applied. Standard bends shall be used where conduits turn out of the concrete, at the conduit terminations, and at electrical equipment. Where conduits enter switchgear cubicles or other enclosures, they shall be located by template.

12. Where conduits cross expansion joints or contraction joints, they shall be installed perpendicular to the plane of the joint and shall have expansion fittings. Expansion fittings shall be as follows:

    a. Expansion fittings for exposed conduit shall have external bonding jumpers for ground continuity and shall be O.Z. Electrical Mfg. Co. Type Ex, Crouse-Hinds Type XJ, or equal.

    b. Expansion fittings embedded in concrete shall be expansion deflection type consisting of molded neoprene sleeves with bonding jumpers passing through separate waterproof compartments, and two

silicon bronze couplings. They shall permit a 3/4-inch expansion and contraction and a 3/4-inch deflection without deformation.

13. All conduits shall be installed as shown on the Drawings, with the exact location and routing to be determined in the field as required.

14. Cable runs shall be segregated so that no two of the following types of cable occupy the same conduit:

    a) 480-V power cable.
    b) 240/120-V, AC, miscellaneous lighting and receptacle circuit cable; plug-in type.
    c) 240/120-V, AC, power and control cable.
    d) Low voltage or current, DC, control cable.
    e) Instrumentation cable.

15. Conduits penetrating walls, ceilings and floors of buildings and/or structures shall be sealed as shown on the Drawings. Sealing of conduit ID shall be by combination seal/drain fittings where shown on the Drawings. Sealing of conduit OD shall be by means of conduit sleeve and sealing compound. Sealing compound shall be of a type approved for the conditions and use.

C. Installation of Flexible Liquid-Tight Conduits

1. Flexible liquid-tight conduits shall be used for connection to motors and to any other equipment subject to vibration. Liquid-tight fittings and connectors shall be used in conjunction with the liquid-tight flexible conduit installation.

2. Flexible liquid-tight conduit lengths shall not exceed 6 feet.

D. Installation of EMT Conduits and Fittings

1. Installation of EMT shall conform to the applicable requirements of rigid steel conduits as previously specified.

2. EMT conduits shall be connected to the outlet boxes and panelboards by means of "gland" type connectors. Couplings between conduits shall be "gland" couplings. Conduits shall enter all couplings and connectors the full distance required and shall be securely held in place by a tightening of a "Locking Nut".

3. EMT shall not be embedded in concrete, used in hazardous locations where explosion-proof equipment is required, or buried in earth. Indentor or set screw type fittings shall not be used.

E. Installation of Rigid Nonmetallic (PVC) Conduits

1. Installation of rigid nonmetallic (PVC) conduit shall conform to applicable requirements of installation of rigid steel conduits as previously specified. Installation of rigid nonmetallic (PVC) conduit shall be as shown on the Drawings and shall be in accordance with the manufacturer's recommended procedures.

2. Installation shall meet the requirements of N.E.C. Article 347 Part A.

3. The conduit shall be cut square. All burrs shall be removed from the inside and outside of the conduit.

4. Bending:

a) Bending of the conduit shall be made so that the conduit will not be injured and the internal diameter of the conduit will not be effectively reduced. Bends shall be made with a standard PVC pipe bending equipment.

b) The conduit section shall be heated evenly over the entire length of the bend. The use of torches or other flame-type devices will not be allowed. Sections showing evidence of scorching or discoloration shall not be acceptable for use on the project.

c) The radius of the bend shall not be less than that shown in Table 346-10 of the National Electric Code.

5. Joints:

a) All joints shall be test mated without forcing. The socket depth of the fitting shall be marked on the outside of the conduit without scratching or damaging the surface. The conduit should enter the fitting for the full depth of the socket depth.

b) Before applying cement, the surfaces to be joined shall be wiped clean and free of dirt, oil, grease or moisture. The solvent cement shall be applied to the conduit and fittings quickly, consistent with good workmanship. Under conditions of high

humidity, a second full coating of cement shall be applied to the conduit before insertion.

c) Immediately after applying the coat of cement to the conduit and fittings, the conduit shall be inserted into the fitting socket until it bottoms at the fitting shoulder. The conduit shall be turned 1/4 turn during insertion to distribute the cement evenly. Excess cement shall be wiped away from the outside of the joint.

d) Newly assembled joints shall be handled carefully until the cement has gone through the set period. The recommended set periods are related to temperature as follows:

| | |
|---|---|
| 60 to 100 degrees F: | 30 minutes |
| 40 to 60 degrees F: | 1 hour |
| 20 to 40 degrees F: | 2 hours |
| 0 to 20 degrees F: | 4 hours |

6. Conduit Encased in Concrete:

a) Underground concrete-encased conduit shall be supported on plastic spacers specifically designed for the purpose spaced along the length of the run as recommended by the manufacturer. Spacing between raceways within a common duct dank shall be not less than 3 inches. Concrete cover overall shall not be less than 3 inches all around the encased run. Space below the conduit, and concrete fill shall be assured. Care shall be exercised during concrete placement to assure that there are no voids, so that spacers are undisturbed, and so that conduit joints stay secure and unbroken. When pouring concrete the concrete shall be deflected or diverted during placement to minimize the possible damage to or movement of the conduits.

b) Conduit encased in concrete shall have steel reinforcing where installed below roadway or other paved vehicle areas (including shoulder) and the reinforcement shall extend not less than 5 feet additional from the edge of pavement unless otherwise indicated. Steel reinforcement shall not be less than No. 4 bars at corners and otherwise spaced on 12-inch centers, tied with No. 4 bars on 12-inch centers. Reinforcement shall be provided as shown on the Drawings and in accordance with Section 03 20 00.

7. Expansion Fittings

a) Expansion fittings shall be provided for all runs crossing structural expansion joints.

b) Expansion fittings, as specified herein, shall be installed in all raceway runs crossing structural expansion joints. Unless otherwise indicated or approved by the Owner's Representative expansion fittings shall include an 8-inch expansion fitting plus a deflection fitting allowing not less than a 3/4-inch deflection in any direction. The drawings shall be examined to determine complete extent of expansion joints.

c) Concrete shall be formed around the expansion fittings in a manner to permit their movement as specified.

F. Installation of Coilable Non-Metallic (Unit Duct) Conduits

1. Installation of coilable non-metallic (unit duct) conduit shall conform to applicable requirements of installation of rigid non-metallic conduits as previously specified. Installation of conduits shall be as shown on the Drawings and shall be in accordance with the manufacturer's recommended procedures.

2. Installation shall meet the requirements of NEC Article 353 Part II.

3. The conduit shall be cut square. All burrs shall be removed from the inside and outside of the conduit.

4. The conduit shall be installed directly from the reels on which the conduit was shipped, in continuous spans from terminal to terminal without splicing the duct or cables.

5. Bending:

a) Bending of the conduit shall be made so that the conduit will not be injured and the internal diameter of the conduit will not be effectively reduced.

b) The radius of the bend shall not be less than the manufacturer's recommended radius and applicable Sections of the NEC.

6. Joints:

a) All joints shall be test mated without forcing. The socket depth of the fitting shall be marked on the outside of the conduit without scratching or damaging the surface. The conduit should enter the fitting for the full depth of the socket depth.

b) All joints shall be made by manufacturer approved method by either heat fusion, electrofusion or mechanical fittings.

7. Conduit in Trench: The conduit shall be placed in the bottom of the trench after all loose or protruding stones have been removed or covered with backfill material as directed by the Owner's Representative. The installation, after inspection by the Owner's Representative, shall be backfilled according to related Sections of these Specifications. The conduit shall be installed at a minimum depth of 2.5 feet unless otherwise indicated on the Drawings. Where plowed, the conduit shall be laid in place and the duct shall not be pulled through the length of the cut behind a bullet-nose mandrel or similar apparatus. Plowing operations shall be non-injurious to the duct.

8. Conduit Bored and Pulled: A remotely steerable, fluid cutting tunneling system is to be used to install the conduit assembly. The tunneling system shall be electronically detectable and shall line the tunnel with a clay lining as it tunnels. The tunneling system shall be approved by the Owner's Representative prior to its use. Potholing (exploratory excavations) required for utility crossings, or any areas disturbed for this work, shall be incidental to this work. The Contractor shall restore the disturbed areas to the Owner's satisfaction with either asphalt or concrete patching (to match existing) in driveway or parking areas, and a minimum of 4" topsoil and sod in landscaped areas.

3.03 PAINTING

(Not applicable in this Section).

PART 4- MEASUREMENT AND PAYMENT

4.01 MEASUREMENT

Measurement will not be made for the Work specified in this Section.

4.02 PAYMENT

A. Payment for the Work specified in this Section will be made

at the lump sum price for Item 26 05 33/01, Raceways and Boxes for Electrical Systems, in the Schedule of Prices.

B. This price shall be full compensation for furnishing all materials; and for all preparation; and for all labor, equipment, tools, and incidentals necessary for the Work as required by the Specifications and Drawings.

C. Payment will not be made for any other items except as listed above. All other costs associated with such Work shall be considered incidental and shall be included in the prices bid for the various items to which they pertain.

END OF SECTION

# VARIABLE FREQUENCY DRIVES

## SECTION 26 29 23

### PART 1- GENERAL

1.01 SCOPE

A. Description

This Section covers the variable frequency drive to be furnished, installed, connected and tested as shown on the Drawings and as specified herein. All related accessories where required, but not specifically provided for by the Specifications shall be included under this Section of Work.

B. Related Work

1. Sections 26 00 10, 26 00 20, 26 05 19 and 26 05 33.

2. Other Sections as specified herein.

1.02 QUALITY ASSURANCE

A. Acceptable Manufacturers

| | |
|---|---|
| Westinghouse | General Electric |
| Allen-Bradley | Square D |
| Cuttler-Hammer | Graham |

B. Applicable Standards

All Work shall conform to the applicable provisions of the codes, standards, and Specifications, as specified herein, and the following:

| Name | Abbreviation |
|---|---|
| Underwriters Laboratories | UL |
| National Electrical Mfrs. Association | NEMA |
| National Electrical Code | NEC |
| Institute of Electrical & Electronic Engrs. | IEEE-519 |

C. Acceptable Equipment Supplier

Metropolitan Industries, Inc.; no exceptions allowed.

1.03 SUBMITTALS

The Contractor shall submit to the Owner=s Representative for review drawings, product specifications and description including control schematic diagrams, wiring

connection diagrams, complete rating, and short circuit ratings, together with installation instructions, operating and maintenance manuals, and field check-out, start-up and testing procedures, as well as factory test and field protocols all as specified and in accordance with the applicable provisions of Section 01300 for all equipment furnished.

1.04 RESPONSIBILITY

The herein specified variable frequency drive equipment, together with the booster pumping units as specified in related Sections of these Specifications, shall be furnished by a Asingle-sources@ equipment supplier who has been regularly engaged in the representation/production of the specified equipment for a minimum of five (5) years, so there is one source of supply and responsibility.

PART 2- PRODUCT

2.01 GENERAL

A. The variable frequency drive unit designated **VFD-4** shall be of the solid-state, microprocessor-based, adjustable frequency type and shall be furnished complete with frequency invertor, full speed contactors, variable speed contactors, fault detection circuits and all necessary sensing and control relays, contacts and other related devices so as to provide a variable speed pumping control system for the operation as specified herein. Variable frequency drive units shall be installed as shown on the Drawings.

B. Incoming power feed distortion shall be minimized, and as a minimum a 3% impedance line reactor shall be provided to limit harmonic distortion. Distortion shall not exceed those limits established by IEEE 519.

2.02 RATING AND OPERATIONAL REQUIREMENTS

A. The variable frequency drive units shall be rated for converting 480 Volt (+10%, -10%), 3-phase, 60 Hz power supply to adjustable frequency and voltage, as required to drive motor(s) for the horsepower applications shown on the Drawings. The output frequency and voltage of the variable frequency drive units shall be adjustable and shall maintain a constant voltage to frequency ratio throughout the base range of operation. Short circuit interrupting capacity shall be a minimum of 65,000 amps, unless otherwise indicated on the Drawings.

B. Each variable frequency drive unit shall be dedicated to drive the respective pumping unit as shown on the Drawings. Variable frequency drive (VFD) units shall be compatible with motors being driven by VFD's. VFD's shall be provided for the following motor horsepower ratings:

| Pump Designation | VFD Designation | Motor Hp Rating |
|---|---|---|
| MP-4 | VFD-4 | 60 Hp |

C. VFD's shall be provided with adequate provisions to interface with SCADA and other related instrumentation and control equipment as required.

2.03 DETAILS OF CONSTRUCTION

A. Each motor shall be driven by a separate and independent variable frequency type drive. The Variable Frequency Drives (VFD) shall be designed using all solid state equipment, and shall be specifically designed to optimize system frequency.

B. Drives shall be microprocessor based, pulse width modulated, adjustable torque drives. Drives shall utilize a fixed diode rectifier for conversion of emergency and utility power to direct current for powering the inverter. The direct current circuit shall include a filter choke for reduction of power line harmonic distortion and power factor displacement. The inverter shall use insulated gate bi-polar transistors for DC to AC conversion. Input line fuses and metal oxide varistors shall be included for equipment protection.

C. Displacement power factor shall be maintained at no less than 98 percent of unity. Drive efficiency shall be greater than 97 percent.

D. Drives utilizing actively switched rectifier components to convert line power to direct current are not acceptable.

E. Enclosure shall be NEMA 1, indoor with an operating temperature range of 0 to 113 degrees F (0-45E C), and arranged for mounting as shown on the Drawings.

F. Microprocessor controller shall include a 2 line, 20 character operator interface display and seven button keypad. The display and keypad shall allow set up, command and status indication with English statement readout.

G. Required microprocessor control functions shall include

all inputs and outputs indicated on the Drawings including but not limited to the following:

Motor Overload Trip (I2T)
Overcurrent Trip Limit
Slow Regulated Current Limit
Fast Regulated Current Limit
Overvoltage Trip Limit
Undervoltage Trip Limit
Overtemperature Limit
Ground Fault Protection
Programmable Analog Signal Inputs (2)
Programmable Analog Signal Outputs (2)
Programmable Digital Switch Inputs (6)
Programmable Digital Form C Outputs (3)
Kilowatt-Hour Display
Running Time Display
Acceleration Ramp Time
Deceleration Ramp Time
Automatic Volts/Hertz Optimization
Critical Frequency Lockout Bands (5)
Setpoint Control

H. Interlocks shall be provided to prevent system short circuiting and/or backfeeding a VFD.

I. Auxiliary contacts shall be provided as required.

## PART 3- EXECUTION

### 3.01 FACTORY TEST AND INSPECTION

Each variable frequency drive unit shall be shop-assembled and tested in accordance with the manufacturer's standard procedure. Factory testing shall as a minimum include diagnostic testing to demonstrate that the unit functions as specified. Monitoring and control devices shall be functionally tested to verify correct operation and that all parts function properly. The Contractor shall notify the Owner=s Representative 48 hours prior to factory testing so that such tests may be witnessed.

### 3.02 INSTALLATION AND TESTING

The equipment shall be installed as shown on the Drawings and in accordance with the manufacturer's instructions and recommended best practice. All necessary shims, grout, anchor bolts and other items required for installation and testing shall be furnished. All items of equipment shall be operated, adjusted, and tested for proper performance in accordance with the manufacturer's recommended

procedure. Testing of the equipment herein specified shall conform to the applicable requirements of Section 26 00 10. In addition, the equipment manufacturer shall provide the services of factory-trained field supervisory personnel for a period of not less than one (1) working day during which time the supervisory personnel shall perform all necessary coordination to check-out, start-up and place the equipment into operation as well as instruct Owner personnel in the control and operation of the equipment.

3.03 PAINTING

A. All equipment specified in this Section shall be shop-painted with the manufacturer's standard finish. All equipment specified in this Section shall be field-painted as directed by the Owner.

B. The Contractor shall be responsible for coordination of compatibility between the manufacturer's standard finish and any field-painting required.

PART 4- MEASUREMENT AND PAYMENT

4.01 MEASUREMENT

Measurement will not be made for the Work specified in this Section.

4.02 PAYMENT

A. Payment for the Work specified in this Section will be made at the lump sum prices for the below listed Items in the Schedule of Prices.

26 29 23/01; Variable Frequency Drives

B. This price shall be full compensation for furnishing all materials; and for all preparation; and for all labor, equipment, tools and incidentals necessary for the Work as required by the Specifications and Drawings.

C. Payment will not be made for any other items except as listed above. All other costs associated with such Work shall be considered incidental and shall be included in the prices bid for the various items to which they pertain.

END OF SECTION

# SCADA SYSTEM

## SECTION 27 51 25

## PART 1- GENERAL

### 1.01 SCOPE

#### A. Description

This Section covers the instrumentation equipment, together with related accessories to be furnished, installed, programmed and tested as shown on the Drawings and as specified herein. All piping, conduits, wiring, fittings, connectors, supports and anchors, where required shall be included under this Section of Work.

#### B. Related Work

1. Division 26 - Electrical.
2. Other Sections as specified herein.

### 1.02 QUALITY ASSURANCE

#### A. Acceptable Manufacturers

1. SCADA modifications shall be performed by TriR Systems (hereinafter referred to as the System Integrator). No exceptions.

#### B. Applicable Standards, Codes and Permits

All Work performed and all materials furnished or otherwise used shall be in accordance with the National Electric Code, the National Electrical Safety Code, and applicable local regulations and ordinances. Where required by applicable codes, materials and equipment shall be listed by Underwriters' Laboratories or other testing organizations acceptable to the governing authority. The Contractor shall, at his/her own expense, arrange for and obtain all necessary permits, inspections, and approvals by the proper authorities in local jurisdiction of such Work.

#### C. Coordination

Instrument and control systems shall be designed and coordinated for proper operation with related equipment and materials furnished by other suppliers under other Sections of these Specifications, and where applicable, to related existing equipment. All instruments and control devices shall be applied in full conformity with the drawings, specifications, engineering data, instructions,

and recommendations of the instrument or device manufacturer and the related equipment manufacturer.

Review of drawings submitted prior to the final determination of related equipment shall not relieve the Contractor from supplying systems in full compliance with the specific requirements of the related equipment.

Related equipment and materials may include, but will not be limited to, pump controls, supervisory control equipment, telemetry, flow meter, conduit, cable, and piping as described/specified in other Sections of these Specifications all as associated with this Project.

Installation drawings shall be prepared for interconnecting wiring and piping between the related equipment and the equipment furnished under this Section. All interconnecting wiring shall be appropriate for the service and shall result in a properly functioning system.

Coordination with other sub-contractors and/or Owner designated contractors, and supervision of installation shall be provided by the Contractor as required during construction.

1.03 SUBMITTALS

The Contractor shall submit to the Owner's Representative for review detailed shop drawings, product specifications and descriptions, including control schematic diagrams, internal wiring diagrams, interconnecting wiring diagrams, sample screen displays, together with instruction manuals, installation instructions, operating and maintenance manuals and field check-out, start-up and testing procedures as specified in Section 013300 for all equipment furnished.

1.04 RESPONSIBILITY

Contractor shall integrate the new pump and pressure sensor into the Village's existing SCADA system.

Contractor shall provide necessary equipment and make necessary modifications to existing equipment to allow for proposed pump and station improvements to be integrated into the existing SCADA system.

PART 2- PRODUCTS

2.01 GENERAL

**SCADA SYSTEM**

A. The pump controls including new Variable Frequency Drive (VFD) shall communicate with the existing SCADA system and operate via signals from the SCADA system for visualization, reporting and monitoring by Village personnel.

B. All equipment furnished under this Section shall be selected by the System Integrator for its superior quality and for its intended performance. All equipment shall be installed in accordance with the manufacturer's instructions.

2.02 PROPOSED SCADA IMPROVEMENTS

A. General

Contractor shall integrate the new pump, VFD, and pressure sensor into the Village's existing SCADA system.

B. Project Scope

Work of the proposed SCADA improvements includes but is not limited to providing acceptable materials and methods for modifying the existing SCADA system including the following:

- Connect new pump controls to existing SCADA system
- Furnish new SCADA software as required and provide programming modifications to existing software as required to add new pump and VFD into existing SCADA system
- Furnish and install new pressure sensor and integrate into SCADA

The System Integrator shall assume "Unit Responsibility" for the complete SCADA/Communications modifications package. The System Integrator shall be responsible to provide all controls and appurtenances required for a fully functional system. In order to ensure compatibility and overall system function it is the intent of these Specifications that all of the components, specified herein, shall be supplied by a single System Integrator vendor and the equipment software and communications shall be compatible with Village's existing SCADA system.

2.03 SCADA COMPUTER DISPLAY SCREENS

A. General. The System Integrator shall provide programming and graphical screen development services required for proper SCADA software development. SCADA software for the

computer shall produce and display the following graphic screens or data:

1. General Information Screens including:

- Station Discharge Pressure
- System Alarms / Failures Annunciation
- Power Status
- Pump Status
- Pump Speed

B. Screen/Graphic Details. The new screens and graphics shall be approved by the Owner's operator and/or Owner's Representative for required content of monitoring functions.

SCADA package graphic screens shall be 256 color. Software shall provide the option to create and load bit-mapped pixel level graphic screens in .cut, .pic or .pex format or GUI interfaced object oriented vector based format.

1. Graphical Reports including:

- 24 Hour Graph of Meter Flow Data, Discharge Pressure and Pump Run Time
- 7 Day Graph of Meter Flow Data and Pump Run Time
- Flow Totalizer & Pump Run Time Totalizer
- Alarms

2.04 COMMUNICATIONS

The local microprocessor based pump logic controller shall communicate to the existing SCADA system. Use existing ratio telemetry for general SCADA communication.

2.05 STATION DISCHARGE PRESSURE SENSOR

Pressure sensor shall consist of furnishing, submersible pressure transducer, aluminum enclosure, conduit, wire and cables, copper pipe and fittings, as required to connect transducer to existing water main. Contractor shall tap existing discharge water main, install corporation stop and copper fittings as required to install pressure transducer. Pressure sensor shall be installed in the lower level pump gallery in accordance with details shown on the Drawings. Pressure transducer shall be KPSI Series 700 or equal.

PART 3- EXECUTION

3.01 FACTORY TEST AND INSPECTION

All equipment shall be inspected and tested in the manufacturer's shops to the extent practical. Factory tests and inspections shall be conducted to verify that the equipment is operating satisfactorily. Minimum requirements of such tests and inspections shall be in accordance with the manufacturer's standard practice and/or other recognized procedures. Electrical monitoring and control devices shall be functionally tested to verify correct operation and that all components function properly.

3.02 INSTALLATION AND TESTING

A. General

The equipment shall be installed as shown on the Drawings and in accordance with the manufacturer's instructions and recommended best practices. All necessary fittings, connectors, supports, anchors and other items required for installation and testing shall be furnished. All items of equipment shall be operated, adjusted and tested for proper performance in accordance with the manufacturer's recommended test procedure.

B. Instrumentation Installation

The instrumentation equipment shall be installed by the Contractor or his/her subcontractors. The services of the System Integrator's technical representative shall be provided as necessary to calibrate, test and advise others of procedures for installation, adjustment and operation of equipment, devices, components, etc. all in accordance with the requirements of other Sections of the Specifications. System Supplier shall be responsible for performing any and all software engineering and programming/calibrating required by these Specifications and as directed by the Owner to provide a complete and operational installation. The System Integrator's technical representative shall be factory-trained and shall perform all necessary coordination to check-out, start-up and place into operation the water works facilities as well as instruct Owner personnel in the control and operation of the herein specified equipment.

Installation of instrumentation equipment shall be in accordance with the following:

1. Field Wiring. Field wiring materials and installation shall conform to the requirements of the electrical Sections.

2. Field Piping. Field piping materials and installation shall conform to the requirements of the piping Sections.

3. Field-Mounted Instruments. Instruments shall be mounted so that they may be readily approached and easily serviced and so that all appurtenant devices may be easily operated. Installation details for some instruments are indicated on the Drawings. Unless otherwise indicated on the Drawings, instruments which include local indicators shall be mounted so that the indicator is approximately 5'-0" above the floor. Indicators shall be oriented for ease of viewing. Transmitters shall be mounted on corrosion-resistant pipe supports suitable for floor, wall or bracket mounting.

4. Field Calibration. A technical representative of the System Supplier shall calibrate each instrument and shall provide a written calibration report for each instrument indicating the results and final tuning adjustment settings. Instrument calibration shall be accomplished prior to a checkout of the operation of the system. Field calibration work shall also include any and all necessary software modification required.

5. Systems Check. A technical representative of the System Integrator shall participate in the checkout of the control systems. If interrelated devices furnished by other suppliers, such as valve actuators, and/or motor controls, do not perform properly when placed in service, the technical representative shall use suitable test equipment to introduce a simulated signal to verify or measure signals from those devices as may be required to locate the source of trouble or malfunction. A written report stating the results of such tests shall be furnished, if requested by the Owner's Representative, as necessary to assign responsibility for corrective measures.

C. Customer Training

The coordinating System Integrator shall provide a qualified representative at the job site to train the Owner's personnel in operating and maintaining the equipment. The representative shall be a skilled, factory-trained technician capable of providing services to supervise and inspect the installation and start-up operation of all systems, as well as to instruct Owner's operating personnel in the operation and maintenance of the equipment. The training session shall include a

technical explanation of the equipment and an actual hands-on demonstration. The training session shall consist of 2 full 8 hour consecutive working days, and the schedule shall be arranged and coordinated with the Owner.

3.03 PAINTING

All equipment specified in this Section shall be shop painted with the manufacturer's standard finish.

PART 4- MEASUREMENT AND PAYMENT

4.01 MEASUREMENT

Measurement will not be made for the Work specified in this Section.

4.02 PAYMENT

A. Payment for the Work specified in this Section will be made at the contract lump sum prices for the below listed Items in the Schedule of Prices:

27 51 25/01; Modifications to Existing SCADA System
27 51 25/02; Pressure Sensor, Complete

B. These prices shall be full compensation for furnishing all materials; for all preparation/installation/programming, and placing of the materials; and for all labor, equipment, tools and incidentals necessary to complete these items for instrumentation equipment installation as shown on the Drawings.

C. Payment will not be made for any other items except as listed above. All other costs associated with such Work shall be considered incidental and shall be included in the prices bid for the various items to which they pertain in the Schedule of Prices.

END OF SECTION

# POTABLE WATER PIPING AND PIPE FITTINGS

## SECTION 33 11 00

PART 1- GENERAL

1.01 SCOPE

A. Description

This Section covers pipe, fittings, and appurtenances, including pipe sleeves/casings, concrete inserts/thrust blocks, and hangers/anchors/supports, to be furnished, installed and tested as shown on the Drawings and as specified herein. All piping, fittings, and appurtenances including but not limited to valves, flanges, sleeve couplings, pipe hangers/anchors/supports, and guides, where required, and special supports, not otherwise specifically provided for in these Specifications, but necessary to complete the various systems, shall be included under this Section of Work. Work included in this Section shall also include all components necessary to make the connections to the existing water distribution piping as shown on the Drawings.

B. Related Work

1. Sections as specified herein.

1.02 QUALITY ASSURANCE

A. Acceptable Manufacturers

1. Piping: No preferred manufacturer. Comply with ANSI/AWWA and/or ASTM material Specification

2. Valves: Check Valves - Val-Matic or equal

3. Other items: As specified herein.

B. Applicable Standards

All Work related to the design, fabrication and installation of the equipment and materials to be provided or Work to be performed under this Section shall conform to the applicable requirements of Standard Specifications for Water and Sewer Main Construction in Illinois together with ANSI/AWWA and/or ASTM standards, Specifications and requirements as specified herein. Where conflicts occur between codes, standards and Specifications, the more stringent shall apply.

1.03 SUBMITTALS

A. Other than Piping

The Contractor shall submit to the Owner's Representative for review outline drawings, product specifications and description, including control schematic diagrams, wiring connection diagrams, together with instruction manuals, installation instructions, operating and maintenance manuals and field check-out, start-up and testing procedures as specified in Section 01300 for all equipment furnished. Submittals for valves shall include computerized cavitation analysis which shows flow rates, differential pressure, percentage of valve opening, Cv, system velocity, and the incidence of cavitation damage.

B. Piping

A certified report of chemical analysis and physical test shall be provided to the Owner's Representative for review.

Note: The piping Drawings included with these Specifications are not intended to show all piping details. The intent of the Drawings is to illustrate the conceptual layout, alignment/routing, pipe sizes and selected details. Preparation of detailed shop piping drawings shall be the responsibility of the Contractor. The Contractor shall prepare and submit such shop drawings to the Owner's Representative to review. These shop drawings shall illustrate plans and elevations of pipe routings, showing all clearances, pipe sizes, field connection details, existing utilities, location of all expansion joints (when required), piping and equipment supports and piping specialties, valves, pipe fittings, and all appurtenances related to each individual piping system.

PART 2- PRODUCTS

2.01 GENERAL

A. All piping and pipe fittings used in the various piping systems shall be of the indicated size and conform to the requirements shown on the Drawings. All materials and equipment shall be in accordance with the appropriate requirement specified herein, and shall be equal to the products listed below by brand name and catalog number, as applicable. Identification symbols and nomenclature where used in this Section are the same as those shown on the Drawings.

B. All pipe and fitting shall be plainly stamped, marked or color coded to an acceptable standard as to weight, class, and type thereof, and the manufacturer's trademark or name.

2.02 MINIMUM REQUIREMENTS AND RATINGS

A. Minimum thickness class for ductile iron pipe shall be not less than Class 52, unless otherwise shown on the Drawings.

B. Other ratings and performance requirements, where applicable, of related equipment and accessories shall be as specified hereinafter.

2.03 DETAILS OF CONSTRUCTION

A. Ductile Iron Pipe (DIP) - shall be centrifugally cast in metal or sandlined molds and shall conform to ANSI A21.51/AWWA C 151. Minimum thickness class shall be Class 52 for all sizes unless otherwise shown on the Drawings. Pipe joints shall be push-on type and conform to ANSI A21.11/AWWA C 111 unless otherwise shown or noted on the Drawings. Each length of pipe shall be marked to show manufacturer's name or trade mark, pipe class, year of manufacture conforming to ANSI A 21.51/AWWA C 151.

B. Mechanical Joint Fittings - shall be mechanical joint and iron or ductile iron conforming to ANSI A 21.53/AWWA C 153 and ANSI A21.4/AWWA C 104. Restrained joints may be used instead of mechanical joints. Thrust blocking shall be provided for all fittings. Fittings not covered under AWWA C153 shall comply with AWWA C110. Fittings shall have the same linings and coatings as the pipe.

C. Flanged Piping and Joints - Flanged piping and joints where required on the Drawings shall comply with AWWA C115 and AWWA C110, respectively. Flanges shall conform to ANSI B16.1. Flange gaskets shall be full face type, rubber composition. Gasket thickness shall be 1/16-inch for pipe 10 inches and less and 1/8-inch for larger pipe. Flange assembly bolts shall be standard hexagonal head carbon steel machine bolts with heavy, hot pressed, hexagon nuts, ANSI B18.2. Threads shall conform to ANSI B1.1, coarse thread series, Class 2 fit. Bolt length shall be such that after joints are made up the bolts shall protrude through the nut, but not more than 2-inch. Bolts for use in submerged/wetted service shall be stainless steel.

D. Bolts, Studs, Tie Rods, Nuts and Washers - All bolts, studs, tie rods and nuts for all pipe, valves and accessories shall be low carbon steel and have American National form right-hand machine cut threads which shall conform with ANSI B1.1, "Screw Threads", Coarse Thread Series, Class 2 Fit, unless otherwise specified.

Bolt heads and nuts shall be semifinished and shall conform with ANSI B18.2, "Wrench-Head Bolts and Nuts and Wrench Openings", Heavy Series, unless otherwise specified. All nuts shall be hexagonal in shape.

All low carbon steel bolts for flange joints and bolts for restrained joints shall conform with ASTM A307, Grade B or approved equal.

The Contractor shall provide bolts conforming to AWWA C111 for all flanged and mechanical joints for compact fittings. The bolt threads shall be lengthened according to AWWA C153 to allow for proper nut installation.

E. Gaskets - for mechanical joints and push-on joints shall conform to ANSI A 21.11/AWWA C 111.

F. Coatings & Linings - all iron or ductile iron pipe and fittings shall have a standard thickness cement mortar lining as specified in ANSI A 21.4/AWWA C 104 and an outside coating (for direct buried pipe) as specified in ANSI A 21.51/AWWA C 151.

G. Sleeve Couplings - Couplings of the sleeve type shall be provided to accommodate pipe sizes as shown on the Drawings. Couplings shall be Dresser Style 38 without pipe stops, with plain grade synthetic rubber gasket as manufactured by Dresser Mfr. Div., Dresser Industries, Inc. or equal. Coupling type shall be for use with piping materials as shown on the Drawings.

H. Pipe Sleeves - Shall be of the steel fabricated type with integral waterstop and shall be provided at locations shown on the Drawings. Pipe sleeve may be plastic when used only for concrete form work.

I. Pipe Seals - Pipe seals for piping penetrating walls ceilings or floors, shall be of the type which seals the annular space around the outside of the pipe and the sleeve which the pipe passes through. The seal shall consist of individual links which interlock by nut and bolt to form a belt, and upon tightening of bolts, individual links shall expand to form a watertight seal. The sealing element shall be synthetic rubber material selected for temperatures ranging from -40EF to 250EF and shall be series 400 Link-Seal as manufactured by Thunderline Corp., or equal. The seal shall be for use with the piping materials as shown on the Drawings.

J. Pipe Hangers and Supports - Shall be standard products of or equal to IIT Grinnel Corp., Unistrut, or other as specified or as shown on the Drawings, in combination with fabricated hot-dipped galvanized steel or stainless steel brackets or formed concrete pedestals as required to meet job conditions. Contractor shall be responsible for selection and placement of supports.

K. Flexible Connector shall be capable of four way movement so as to absorb vibration, adjust alignments and allow for expansions and contractions in piping. Flexible connectors

shall be flanged with flexible body constructed of neoprene and nylon. Flanges shall be plate steel cadmium plated and threaded. Tie rods shall be provided. Flexible connectors shall be provided where shown on the Drawings, and shall be MetraSphere as manufactured by MetraFlex, or equal.

2.04 RELATED ACCESSORIES

A. Manually Operated Butterfly Valve shall be of the tight-closing, rubber-seat type. Valve shall be bubble-tight at rated pressure with flow in either direction and shall be adequate for applications involving throttling service, and/or frequent operation and for applications involving valve operation after long periods of inactivity. Valve discs shall rotate 90E from full open to the full tight close shut position. Valve design and construction shall be in accordance with the requirements of AWWA Standard C504 for Class 150B. Valve body shall be constructed of cast iron ASTM A-126 Class B with flat faced and flanged ends. Flange drilling shall be in accordance with ANSI B16.1. Trunnions for shaft bearings shall be integral with the valve body. Valve disc shall be constructed of cast iron with Ni-Chrome edge. Valve shafts shall be turned, ground and polished constructed of 18-8 Type 304 or Type 316 stainless steel. Valve seats shall be of a synthetic compound securely fastened to the valve body by simultaneously molding in, vulcanizing and bonding to the body. Valve bearings shall be sleeve type, corrosion resistant and self-lubricating. Valve packing shall be self-adjusting Chevron type. Manual operators shall be of the traveling nut, self-locking type and shall be designed to hold the valve in any intermediate position between fully open and fully closed without creeping or fluttering. Operators shall be equipped with mechanical stop-limiting devices to prevent overtravel of the disc in the open and closed positions. Operators shall be fully enclosed and designed to produce the required operating torque with a maximum pull not to exceed 80 lb. on the handwheel. Operator components shall withstand an input of 300 ft. lbs. at extreme operator position without damage. Valves shall be as manufactured by Val Matic Series #2000 or equal.

B. Check Valve (Silent Type) shall be globe style arranged for flanged connection, Class 125, and designed with semi-steel bodies, bronze seat, bronze plug and stainless steel spring. The valve plug shall be center guided at both ends with a thru integral shaft and spring loaded for "silent" shut-off operation. The spring shall be helical or conical and of the heavy duty type. The seat and plug shall be hand replaceable in the field for ease of maintenance. The flow area thru the body shall be equal or greater than the cross-sectional area of the equivalent pipe size. Silent type check valves shall be Val-Matic Series 1800 or equal.

C. Pressure gauge shall have a dial size of 4 "; be of polished brass case Type 410 Helicoid Gage (or equal) calibrated in psi (range up to 100 psi) and provided complete with required piping, fittings, isolating valve and snubber.

## PART 3- EXECUTION

### 3.01 FACTORY TEST AND INSPECTION

Each item of the equipment shall be shop-assembled and tested in accordance with the manufacturer's standard procedure. Monitoring and control devices shall be functionally tested to verify correct operation and that all component parts function properly.

### 3.02 INSTALLATION AND TESTING

A. General: The piping shall be installed as shown on the Drawings. Where changes in the pipe routing are required, the Contractor shall submit a drawing showing the proposed change to the Owner's Representative for review.

The Contractor shall provide all tools, labor and equipment necessary for the safe and expeditious installation of all lines and appurtenances as shown on the Drawings and specified herein.

The Contractor shall inspect pipe and appurtenances prior to installation and promptly remove damaged or unsuitable materials and provide with new and unused materials.

B. Size, Location and Alignment: The Contractor shall be responsible for all checking and conforming to size, location, alignment, and for flange drilling of all existing piping and equipment as required for making proper piping connections. All piping shall be arranged and aligned as far as practicable, in accordance with the Drawings. All risers and drops shall be installed plumb and true. Piping shall not interfere with access to valves or equipment and shall not obstruct passageways. Piping shall be installed to provide working clearance for operation and maintenance. Modifications to arrangement of piping systems may be required, subject to the review of the Owner's Representative, to suit field conditions or to avoid interference with existing or new work of other trades. The Contractor shall furnish all offsets, additional fittings, etc, as required to meet all requirements of installation conditions whether detailed on the Drawings or not.

C. Piping Workmanship: Pipe shall be cut accurately by the Contractor to dimensions established at the site and shall be worked into place without springing or forcing. Cut sections of pipe shall be cut using pipe cutters to provide a square plain end. Where location is not exactly shown by

detailed dimensions, pipe shall be installed so as to occupy minimum space. Piping shall be run parallel with the lines of the building, unless otherwise distinctly shown or noted on the Drawings.

D. Installation: Installation shall generally be made in accordance with the Standard Specifications for Water and Sewer Main Construction in Illinois.

E. Hydrostatic Testing: Potable water pressure piping and related fittings and valves shall be hydrostatically tested at not less than 150% of the design working pressure. Tests shall be witnessed by the Owners Representative. Duration of test shall be at least four (4) hours. Minimum requirements for test methods and procedures shall be as follows:

1. All hydrotesting of pipes shall be done with water provided by the Contractor. All equipment necessary for complete hydrotesting, such as hoses, auxiliary piping, pumps, compressors, meters, plugs, blinds, etc shall be supplied by the Contractor. The Contractor shall also furnish all labor and supervision as necessary for testing and inspection. Contractor shall submit a schedule for hydrotesting to the Owner's Representative for review.

2. Test pressure for hydrostatic tests shall be held for a minimum total time of 4 hours or longer as required with no noticeable loss in pressure while all joints are visually inspected for leaks. After pressure is applied, pressurizing device must be disconnected or isolated from the system during inspection period. There shall be no allowable leakage and defects shall be corrected immediately. Testing shall be repeated after defects have been corrected until a successful test has been accomplished.

3. During hydrostatic pressure testing locally mounted indicating pressure gauges, where test pressure would exceed their scale range, shall be isolated or removed prior to testing. If removed, branch lines shall be plugged. All lines that are to be insulated shall be tested, cleaned, and flushed prior to installation of insulation. All equipment shall be isolated from the system during testing of piping system. All air shall be vented from the system prior to application of test pressure for hydrostatic tests.

F. Cleaning, Adjustment and Sterilization: At the completion of the Work, all parts of the installations shall be thoroughly cleaned. All equipment, pipe, valves, and fittings shall be cleaned of grease, welding metal, slag, metal cuttings, and sludge which may have accumulated by operation

of the systems for testing. Any discoloration or other damage to parts of the buildings, their finish, or furnishings due to the Contractor's failure to properly clean the piping systems shall be repaired by the Contractor without cost to the Owner. The potable water piping system shall be sterilized with chlorine before acceptance for domestic operation. The amount of chlorine applied shall be such as to provide a dosage of not less than 50 parts per million. The chlorinating material shall be introduced in the water lines and distribution system in a manner satisfactory to the Owner's Representative. After contact period of not less than twenty-four hours, the system shall be flushed with clean water until the residual chlorine content is not greater than 0.2 parts per million. All valves in the lines being sterilized shall be opened and closed several times during the contact period. Special care shall be exercised to remove all metal particles from the piping system to assure no damage to valves and other operating mechanisms.

The minimum requirements for sterilization/disinfection of potable water piping systems shall be as follows:

1. An initial flush of new mains or extension with a minimum water velocity of 2.5 feet per second.

2. A minimum initial disinfectant dosage of 50 ppm.

3. A retention period of 24 hours.

4. A minimum chlorine residual at the end of the retention period of 10 ppm.

5. Provision for complete contact of chlorinated water throughout the system, including valves and hydrants.

6. Provision for flushing of the system or extension.

7. Collection of samples for bacteriological analysis, with samples to be collected on at least two consecutive days, taken at least 24 hours apart, with satisfactory bacteriological analyses, prior to placing the watermain into service.

3.03 PAINTING

A. All equipment specified in this Section shall be shop painted with the manufacturer's standard finish.

B. All equipment specified in this Section shall be field-painted in the color per Owners direction. (Potable water piping and related fittings shall be field painted to match that of the existing.)

**POTABLE WATER PIPING AND PIPE FITTINGS**

PART 4- BASIS OF MEASUREMENT AND PAYMENT

4.01 MEASUREMENT

Measurement will not be made for the Work specified in this Section.

4.02 PAYMENT

A. Payment for the Work specified in this Section will be made for the below listed Items, in the Schedule of Prices:

33 11 00/01; Ductile Iron Piping & Pipe Fittings
33 11 00/02; 8" Check Valve

B. These prices shall be full compensation for furnishing all materials and for all preparation, installation and for all labor, equipment, tools, and incidentals necessary to complete the Items.

C. Payment will not be made for any other items except as listed above. All other costs associated with such Work shall be considered incidental and shall be included in the prices bid for the various items to which they pertain.

END OF SECTION

# HORIZONTAL SPLIT CASE PUMPS

## SECTION 33 42 00

### PART 1- GENERAL

#### 1.01 SCOPE

A. Description

This Section covers the Main Service Pump and Motor and associated accessories to be furnished, installed and tested as specified herein and as shown on the Drawings. All related fittings, connectors, supports, concrete, grout, and anchors, where required, but not specifically provided for in these Specifications shall be included under this Section of Work.

B. Related Work

1. Sections 33 05 50 and 33 11 00.
2. Sections 26 00 10, 26 00 20, 26 05 33, and 26 05 19.
3. Other Sections as specified herein.

#### 1.02 QUALITY ASSURANCE

A. Applicable Manufacturers

1. Pumps: Aurora/Pentair or equal.
2. Motors: General Electric, U.S. Motors, Baldor or equal.
3. Others: As herein specified.

B. Applicable Standards

Electrical components shall conform to the applicable requirements of NEMA standards, shall be U.L. listed and shall comply to the requirements of the National Electrical Code. Other items, components, equipment, etc. shall conform to standards as specified herein.

#### 1.03 SUBMITTALS

The Contractor shall submit to the Owner=s Representative for review drawings, product specifications, and descriptions including control schematic diagrams, wiring connection diagrams, together with certified performance test results of similar equipment; and installation instructions, operating and maintenance manuals, and field check-out, start-up and testing procedures specified in Section 01 33 00 for all equipment furnished. Certified performance test curves of the pumping unit shall show capacity, total head, NPSH, electrical input power, and overall pump and motor efficiencies.

PART 2- PRODUCTS

2.01 GENERAL

A. All materials and equipment shall conform to the Specifications listed below and shall be equal to the products listed below by brand name and catalog number. Identification symbols and nomenclature where used in this Section are the same as those shown on the Drawings. Paragraphs of these Specifications describing the requirements of a single item of equipment shall apply equally to all identical items of equipment to be furnished.

B. The pump designated **MP-4** shall be of the single-stage, double suction, split case, horizontal shaft, centrifugal type arranged for suction and discharge as shown on the Drawings. Each pump shall be directly connected through a flexible coupling to a constant speed electric motor. Each motor shall be supported on a common steel base plate with the pump so as to form a complete and assembled pumping unit.

C. All necessary bolts, nuts and anchors as required for installation shall be provided. The pump shall be suitable for continuous and/or intermittent operation, and for operation after long periods of inactivity.

D. Pumps shall be furnished complete with electric motor drives. Motors shall be in accordance with the applicable provisions of Section 33 05 50 and as specified herein. Pump motor shall be compatible with Variable Frequency Drive (VFD).

E. All rotating parts of the equipment shall operate throughout the required range without objectionable noise or vibration. Pump speed shall not exceed 1800 rpm.

2.02 PUMP RATING AND PERFORMANCE

A. Rating

The pump rating shall be **1500 gpm @ 110 ft.** TDH as shown on the Drawings. The pump shall deliver the rated quantity at the rated total discharge head without exceeding the nameplate rating of the motor considering a 1.15 service factor. The total pump heads shown on the Drawings include the static head, velocity head, and all piping entrance,

exit and frictional losses but are exclusive of any pump losses. The pumping unit shall be compatible with the existing pump station system. Pump shall be Aurora/Pentair Model No. 411-6 x 8 x 18c as supplied by Metropolitan Industries, or equal.

B. Performance

Minimum bowl efficiency shall not be less than 80% at rated conditions. The manufacturer shall furnish a statement of overall efficiency which he guarantees at rated capacity and rated head. The efficiency of each pump when operating at the specified rated head shall be as near its peak as practicable. The pump and motor shall operate in dynamic balance as a unit without undue vibration or noise. Vibration amplitude of pump and motor unit shall be less than allowable by the Hydraulic Institute Standards. The Contractor shall verify that the critical speed of the complete pump and motor unit is at least 25% above the motor operating speed.

C. Fluid Pumped

The pump will handle potable water for domestic use. The water temperature may vary between 40°F and 75°F.

D. Operation

The pumps shall operate at the specified capacity and head without undue noise and vibration. There shall be no cavitation in the pumps when operating at the capacity and head specified. The pumps shall be capable of continuously pumping. The pump curve shall rise smoothly to shut off with no increase in horsepower beyond the nameplate horsepower of the motor anywhere on the pump curve.

2.03 DETAILS OF CONSTRUCTION

A. General

Each pumping unit shall be designed for horizontal installation. The pumping unit shall be assembled as a self-contained unit, consisting of a horizontal split case pump coupled to an electric motor drive. Each pumping unit assembly shall be furnished with lifting eye bolts or other provisions to facilitate lifting and setting. Suction and discharge pipe connections shall be flanged.

B. Casing

The pump casings shall be of the volute, centrifugal flow form, including the discharge nozzle, and shall be made of

class 30 cast iron. Diffuser vanes will not be permitted. Each casing shall be divided at the pump shaft centerline with casing halves accurately machined and fitted together. Removal of one-half of the casing shall permit removal of the complete rotating assembly without disconnecting the suction and discharge flanges. Each casing shall be designed to allow maintenance of the stuffing box, impeller, wearing rings and bearings. Eyebolts shall be provided to facilitate handling. Each casing shall be provided with a drain. Flanges for the suction and discharge nozzles shall be faced and drilled to ANSI 125 pound standard. Suitable feet and soleplates for the pumping units shall be designed to support the entire weight of the pump on the foundation.

C. Impeller

The pump impellers shall be of the double suction, centrifugal, enclosed type with a minimum number of vanes. The impeller vanes and passages shall have smooth contours and well-rounded entrances, free from sharp edges. Each impeller shall be made of cast bronze, accurately machined and dynamically balanced and securely fastened to the shaft by key and screw locked sleeves, in such a manner that it cannot unscrew or become loosened due to torque resulting from rotation in either direction.

D. Shaft Assembly

The complete rotating assembly, including shafts, shaft sleeves, impeller, motor rotor, and couplings, shall be dynamically balanced after assembly. The rotor assembly shall be designed so that critical shaft speeds shall not occur below 150 percent of rated pump speed. The pump shaft shall be of high grade carbon steel, properly heat treated and accurately machined and polished. Pump shaft shall be of sufficient diameter to carry the maximum load imposed and to assure rigid support of the impeller and to prevent excessive vibration at all operating speeds. Where the pump shaft passes through the seal chamber or is exposed to the fluid pumped, it shall be protected by bronze sleeves threaded against shaft rotation.

E. Wearing Ring

Wearing rings shall be installed at the casing of the pumps, and made of stainless steel. Wearing rings shall be arranged to be secure against loosening regardless of the direction of shaft rotation with stainless steel set screws.

F. Bearings

Each pumping unit shall be provided with guide bearings of the heavy-duty ball type and shall be of ample size to carry the loads imposed under continuous service without overheating. The pump shall be provided with two guide bearings. All bearings shall be accessible and designed for convenient repair or replacement. Bearing shall be rated for B-10 life of 40,000 hours.

G. Lubrication

Bearings shall be grease-lubricated. Provision shall be made to prevent throwing or dripping of lubricant from the bearings. The Contractor shall supply grease of the proper kind and best quality as is necessary to place the pumping units in regular operation.

H. Mechanical Seals

Mechanical seal boxes shall be placed on both sides of the pump centerline to seal the pump shaft. Each pump shall be furnished with mechanical seals with all metal parts to be 303 stainless steel with "Buna-N" elastomers, Ni-Resist seat, and carbon washer. All pumps shall be provided with cored passages in the parting flange of the pump to provide additional circulation to both seals. The stuffing boxes shall hold a minimum of five rings of non asbestos packing. The bronze gland shall be split in two halves, to facilitate removal for repacking. Gland bolts shall be of the swing type made of steel with 18-8 stainless steel nuts.

I. Couplings

Motor and pump shafting shall be connected by flexible couplings. Flexible couplings shall be of forged steel, designed to compensate for small offset and angular misalignments of pump and motor shafts, with the half couplings fitted and keyed to the shafts. All couplings shall be balanced dynamically and statically. The design and location of the coupling shall permit easy dismantling and shall minimize friction losses. The coupling bolt heads and nuts shall be concealed or covered to form a smooth surface. A coupling guard shall be furnished over the coupling for protection.

2.04 MOTOR AND CONTROLS

A. Electric Motor

## HORIZONTAL SPLIT CASE PUMPS

The pump shall be furnished complete with an electric motor drive arranged for 460 V, 3-phase, 60 Hz power supply and shall be inverter duty rated and compatible with VFD. All motors shall be of the high efficiency design and shall be compatible with the herein specified pump. Motor horsepower shall not be less than that indicated on the Drawings. The motor shall be of standard A.C. induction type, open drip-proof construction, with extended shaft. Motor speed shall not exceed 1800 rpm. Additional details related to motors shall be in accordance with the applicable requirements of Section 33 05 50 and as follows:

1. The motors shall have as a minimum Class F insulation with Class B temperature rise, suitable for continuous duty at 40E C ambient and temperature rise in accordance with NEMA standards. Rodent screens shall be provided on all ventilation passages.

2. Bearings shall be liberally sized, suitable for continuous service under the condition specified, sealed against the entrance of dirt and the escapement of the lubricant. Motor bearings shall be selected to adequately withstand thrust loads. Bearings shall be selected for an AFBMA-B10 life of 40,000 hours.

3. Lifting eyes (eye-bolts) shall be furnished on all motors weighing more than 25 lb. Motors designed for only one direction of shaft rotation shall have an arrow on the enclosure to indicate the direction of rotation.

4. The motor shaft shall be high strength steel protected by a bronze shaft sleeve secured to the shaft to prevent rotation. The maximum allowable no-load shaft run out shall be 0.002". The motors shall be equipped with grease fittings and automatic grease reliefs.

5. Motors shall be equipped with dual heat sensors. Each heat sensor shall be a low resistance, bi-metal disc that is temperature sensitive. Sensors shall be mounted directly in the stator and sized to open at 130EC, and automatically reset at 35EC differential. The sensor shall be connected in series with the motor starter coil so that the starter is tripped if a heat sensor opens. The motor starter shall be equipped with overload heaters so all normal overloads are protected by external heater block.

## PART 3- EXECUTION

### 3.01 FACTORY TEST AND INSPECTION

Each item of the equipment shall be shop-assembled and tested to verify that all parts function properly and that no interference occurs between moving parts. Rotating elements of the pumping unit shall be statically and dynamically balanced. Certified performance test curves from identical equipment showing capacity, total head, NPSH, electrical input power, and the overall pump and motor efficiencies shall be submitted to the Owner=s Representative.

### 3.02 INSTALLATION AND TESTING

A. The equipment shall be installed as shown on the Drawings and in accordance with the manufacturer's instructions and recommended best practices. All necessary shims, concrete, grout, leveling devices, lubrication, embedded stub bolts/anchor bolts, and other items required for installation and testing shall be furnished.

B. All items of equipment shall be operated, adjusted, and tested for proper performance in accordance with the manufacturer's recommended test procedure. Prior to commissioning of the pump station field testing shall be conducted to verify that the pumping units comply with the specified pressure and flow requirements. Tests shall include but not be limited to the following:

1. The pump shall be visually inspected to confirm that it is built in accordance with the Specification as to pumping head and capacity, HP, voltage, phase and system frequency.

2. Megger testing of motor windings.

3. Checked for proper rotation of motor and pump.

4. With the pump intake submerged and operating in water, amp readings shall be taken in each leg to check for an imbalanced stator winding.

C. The equipment manufacturer shall provide the services of factory-trained field supervisory personnel for a period of not less than two(2) working days during which time the supervisory personnel shall perform all necessary coordination to check-out, start-up and place into operation the Pump, Motor, and VFD Station as well as instruct Owner personnel in the control and operation of the completed water works facility.

3.03 PAINTING

A. All equipment specified in this Section shall be shop-primed and painted in accordance with manufacturer=s standard finish.

B. All equipment specified in this Section shall be field painted in the color per Owner's direction. The Contractor shall be responsible for coordination of the compatibility between the manufacturer's standard finish and the field-paint specified.

PART 4- MEASUREMENT AND PAYMENT

4.01 MEASUREMENT

Measurement will not be made for the Work specified in this Section.

4.02 PAYMENT

A. Payment for the Work specified in this Section will be made at the lump sum price for Item 33 42 00/01, Horizontal Split Case Pump, in the Schedule of Prices.

B. This price shall be full compensation for furnishing all materials; and for all preparation; and for all labor, equipment, tools, and incidentals necessary for the Work as required by the Specifications and Drawings.

C. Payment will not be made for any other items except as listed above. All other costs associated with such Work shall be considered incidental and shall be included in the prices bid for the various items to which they pertain.

END OF SECTION

# GENERAL NOTES

1. THE OWNER, SHALL BE NOTIFIED IN WRITING AT LEAST TWO FULL WEEKS PRIOR TO COMMENCMENT OF CONSTRUCTION.
2. ALL WORK SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:
   A. "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION
   B. VILLAGE OF LINCOLNWOOD STANDARDS
   C. NATIONAL ELECTRIC CODE
3. THE CONTRACT DRAWINGS AND SPECIFICATIONS ARE NOT INTENDED TO SHOW EVERY AND ALL DETAILS OF WORK TO BE PERFORMED OR EQUIPMENT TO BE SUPPLIED. THE INTENT OF THE CONTRACT DRAWINGS AND SPECIFICATIONS IS TO ILLUSTRATE THE CONCEPTUAL DESIGN AND LAYOUT. THE CONTRACTOR SHALL BE KNOWLEDGEABLE AND REGULARLY ENGAGED IN THE TYPE OF WORK DESCRIBED BY THESE CONTRACT DRAWINGS AND SPECIFICATIONS; AND SHALL BE RESPONSIBLE FOR UNDERSTANDING THEIR INTENT. ANY WORK TO BE PERFORMED OR ITEM OF EQUIPMENT TO BE SUPPLIED WHICH IS NOT SPECIFICALLY CALLED FOR BY THESE CONTRACT DRAWINGS AND SPECIFICATIONS BUT WHICH IS NECESSAY TO PROVIDE A COMPLETE AND SUCCESSFUL WORKING SYSTEM SHALL BE INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK AT NO ADDITIONAL COST TO THE OWNER.
4. THE ITEMS GIVEN IN THE SUMMARY OF PRICES FOR MAJOR CONSTRUCTION ITEMS ARE INTENDED AS A GUIDE FOR THE CONTRACTOR IN DETERMINING THE SCOPE OF THE COMPLETED PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL MATERIAL QUANTITIES AND APPRAISE HIMSELF OR HERSELF OF ALL CONDITIONS. THE CONTRACT PRICE SUBMITTED BY THE CONTRACTOR SHALL BE CONSIDERED AS LUMP SUM FOR THE COMPLETE PROJECT. NO CLAIMS FOR EXTRA WORK WILL BE RECOGNIZED DUE TO THE CONTRACTOR'S FAILURE TO UNDERSTAND THE SCOPE OF WORK.
5. THE WORK PERFORMED UNDER THIS CONTRACT SHALL NOT HINDER THE NORMAL OPERATION OF THE EXISTING POTABLE WATER WORKS/RESERVOIRS AND PUMPING FACILITIES.
6. WORK SHALL BE SUBSTANTIALLY COMPLETED BY 4/30/18 (15 DAY OPERATING PERIOD IS REQUIRED PRIOR TO OWNER'S FINAL ACCEPTANCE)
7. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING EXISTING CLEAR OPENINGS AS MAY BE NECESSARY TO ALLOW FOR EQUIPMENT INSTALLATION AND/OR REMOVAL.
8. PUMP PROVIDED SHALL BE CAPABLE OF MEETING THE RATED CONDITIONS AS SHOWN BY THE EXISTING NAME PLATE AND SHALL BE CAPABLE OF OPERATION WITH VARIABLE FREQUENCY DRIVE (VFD).
9. EXCEPT FOR THE ITEMS TO BE SALVAGED, ALL ITEMS DEMOLISHED OR OTHERWISE DESIGNATED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR FOR COMPLETE AND IMMEDIATE REMOVAL FROM THE SITE AS WORK PROGRESSES.
10. THE CONTRACTOR SHALL MINIMIZE DOWNTIME OF THE EXISTING PUMP STATION EQUIPMENT AND IN NO CASE SHALL THE PUMP STATION BE OUT OF SERVICE IN EXCESS OF 4 HOURS WITHOUT THE WRITTEN APPROVAL FROM THE OWNER.

# PROJECT LOCATION




THIS PROJECT IS LOCATED AT THE NORTHEAST CORNER OF CRAWFORD AVENUE AND SCHREIBER AVENUE IN THE VILLAGE OF LINCOLNWOOD

CLIENT:
VILLAGE OF LINCOLNWOOD
6900 NORTH LINCOLN AVENUE
LINCOLNWOOD, ILLINOIS 60712
847-673-1540

TITLE:
MAIN POTABLE WATER PUMP REPLACEMENT
GENERAL NOTES AND PROJECT LOCATION

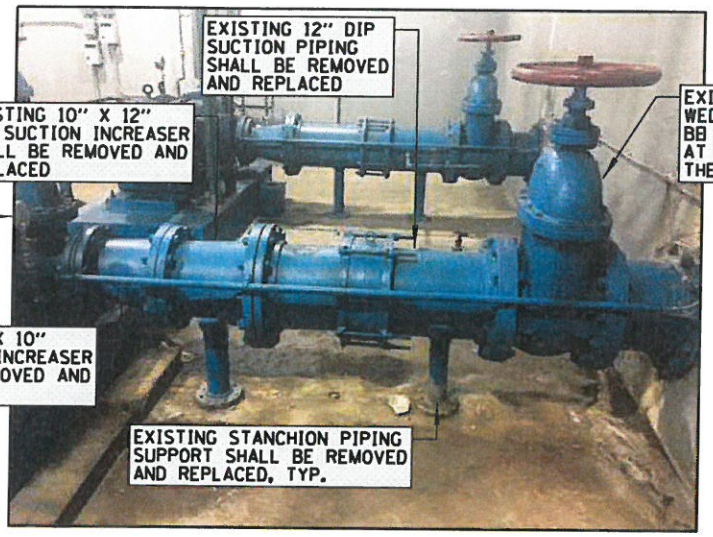
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|---|---|
| PROJ. NO. | 140090.C1703 |
| DATE: | 11/13/2017 |
| SHEET | 1 OF 5 |
| DRAWING NO. | |

EXHIBIT 1

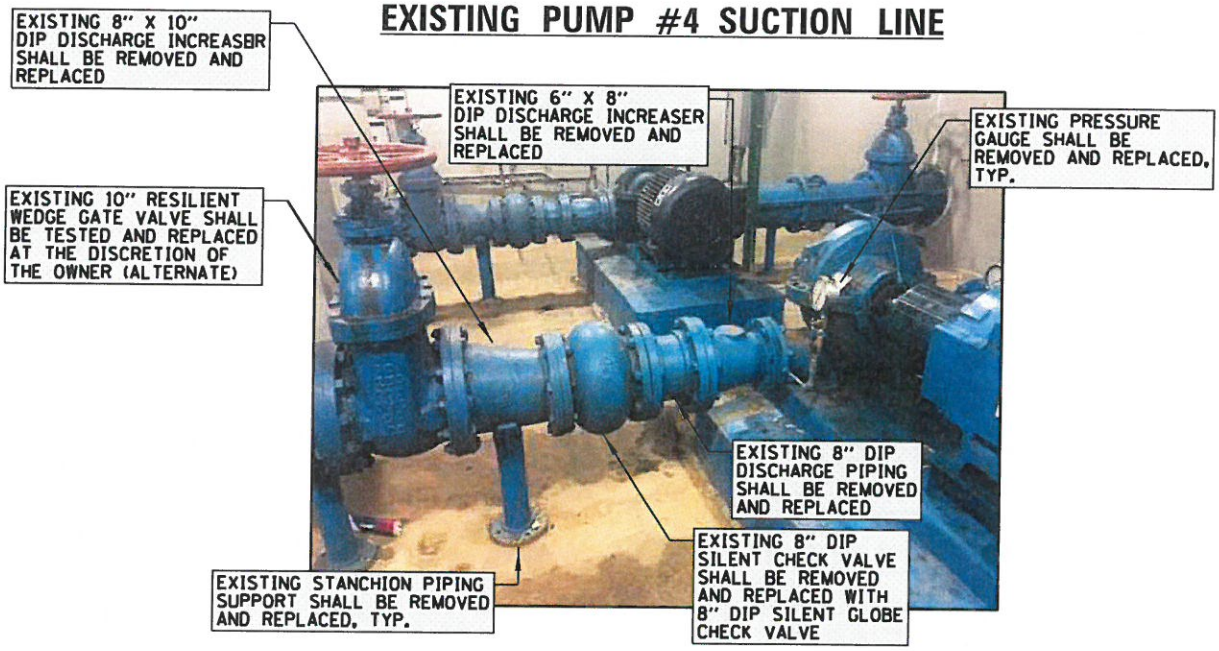
CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600 · Rosemont, Illinois 60018 · (847) 823-0500

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| DSGN. | JPC | | SCALE: | N.T.S. |
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| CHKD. | JPC | | PLOT DATE: | 11/13/2017 |
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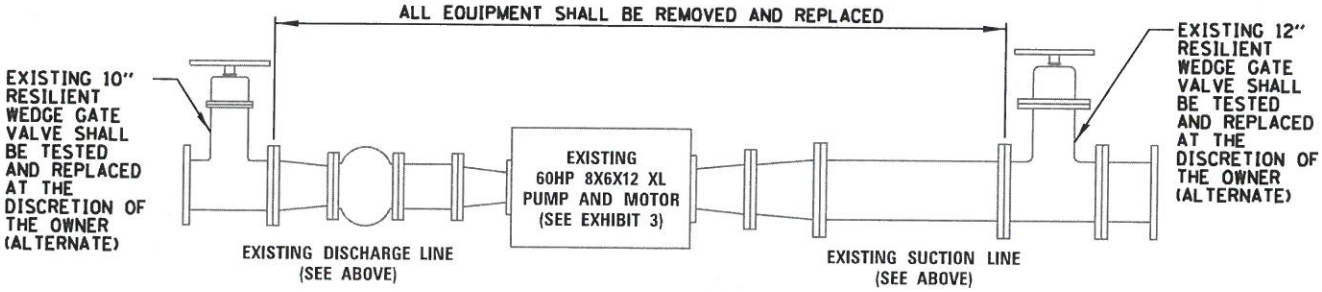
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## EXISTING PUMP #4 SUCTION LINE




## EXISTING PUMP #4 DISCHARGE LINE




## EXISTING PUMP #4 SCHEMATIC

CLIENT: VILLAGE OF LINCOLNWOOD
6900 NORTH LINCOLN AVENUE
LINCOLNWOOD, ILLINOIS 60712
847-673-1540

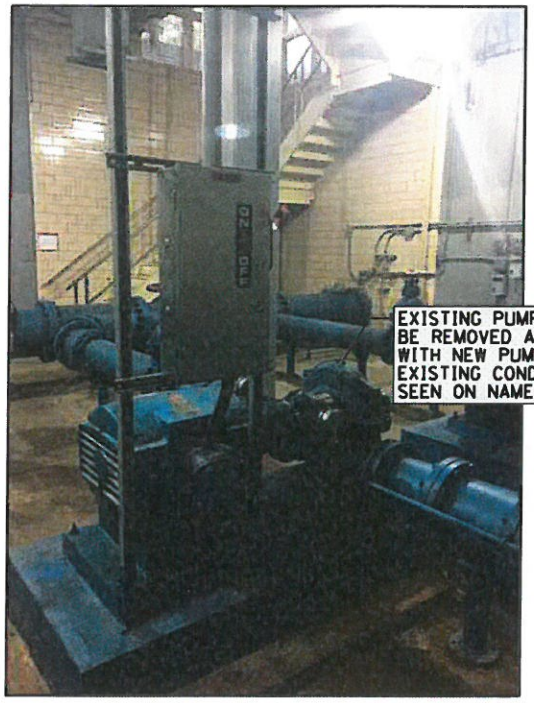
TITLE: MAIN POTABLE WATER PUMP REPLACEMENT REHABILITATION PLAN

PROJ. NO. 140090.C1703
DATE: 11/13/2017
SHEET 2 OF 5
DRAWING NO. EXHIBIT 2

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600 · Rosemont, Illinois 60018 · (847) 823-0500

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| DSGN. | JPC | | SCALE: | N.T.S. |
| DWN. | DRK | | MODEL: | Default |
| CHKD. | JPC | | PLOT DATE: | 11/13/2017 |
| FILE: | EXH2 | | | |

FILE NAME N:\LINCOLNWOOD\140090\C1703\Mech\Exhibits\EXH2.sht

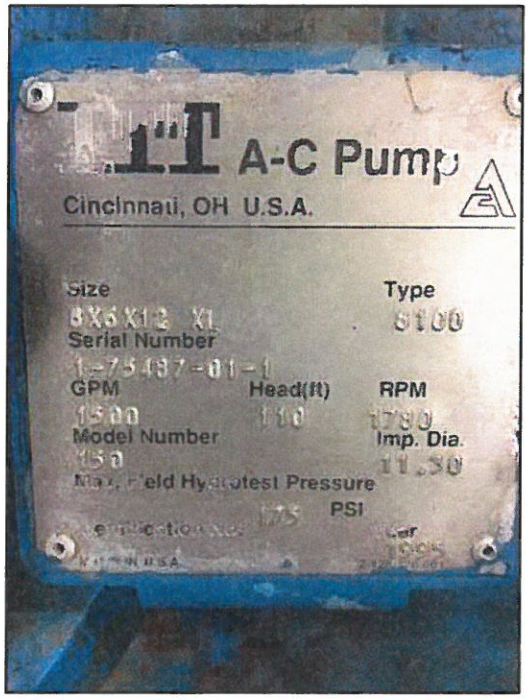


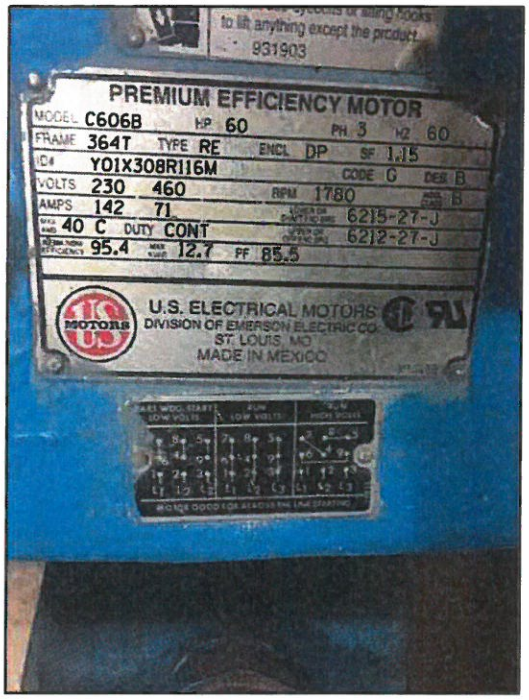
EXISTING PUMP SHALL BE REMOVED AND REPLACED WITH NEW PUMP THAT MATCHES EXISTING CONDITIONS AS SEEN ON NAME PLATE BELOW




EXISTING MOTOR SHALL BE REMOVED AND REPLACED WITH NEW INVERTER-DUTY MOTOR THAT MATCHES EXISTING CONDITIONS AS SEEN ON NAME PLATE BELOW

## EXISTING PUMP AND MOTOR




## EXISTING PUMP NAME PLATE

## EXISTING MOTOR NAME PLATE

CLIENT: VILLAGE OF LINCOLNWOOD
6900 NORTH LINCOLN AVENUE
LINCOLNWOOD, ILLINOIS 60712
847-673-1540

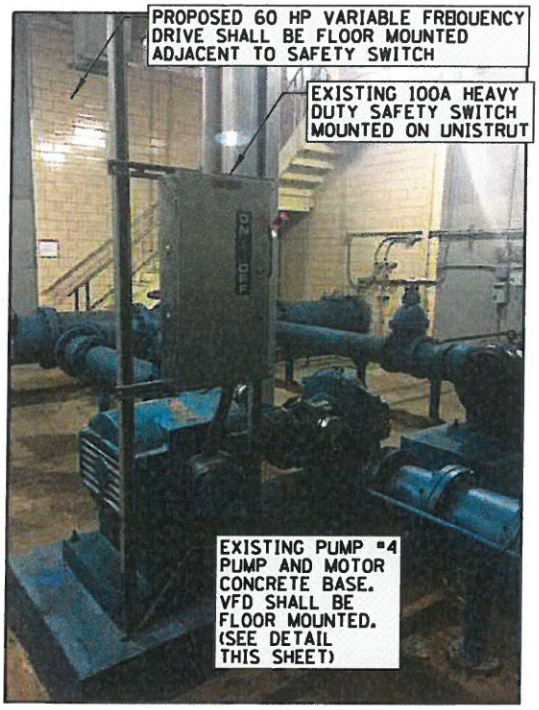
TITLE: MAIN POTABLE WATER PUMP REPLACEMENT
PUMP AND MOTOR INFORMATION

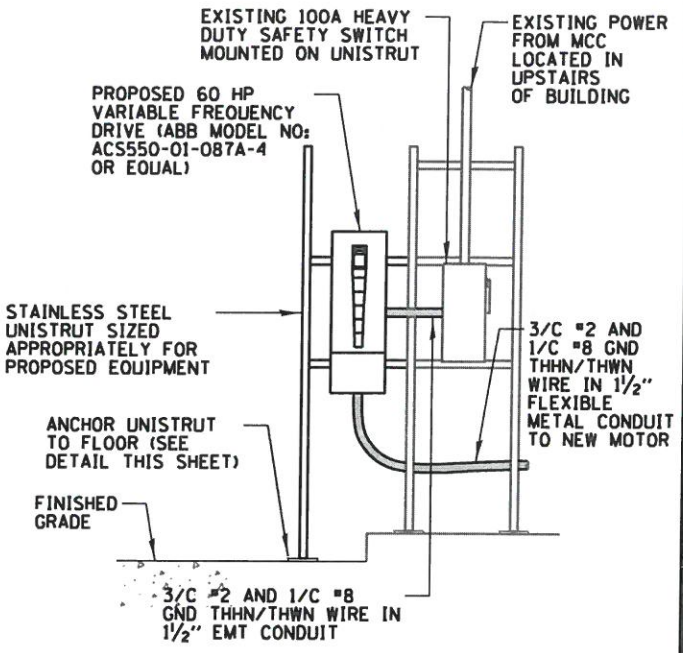
PROJ. NO. 140090.C1703
DATE: 11/13/2017
SHEET 3 OF 5
DRAWING NO.
EXHIBIT 3

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600 · Rosemont, Illinois 60018 · (847) 823-0500

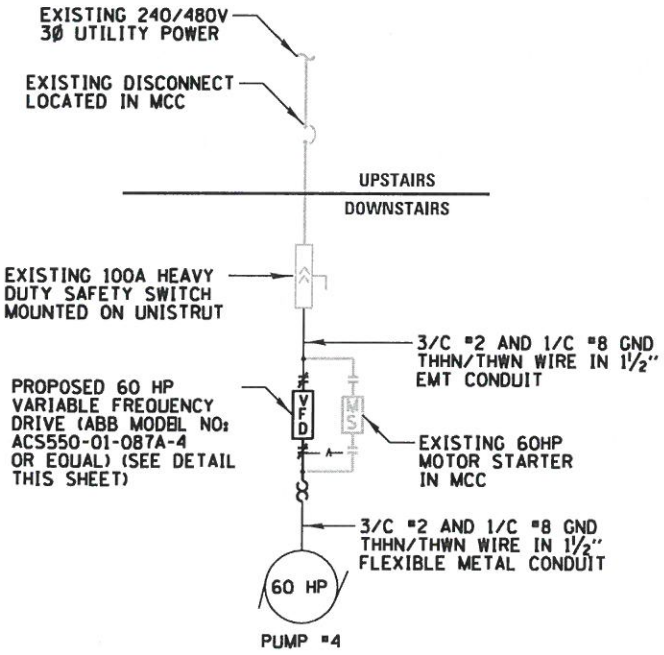
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| CHKD. | JPC | | PLOT DATE: | 11/13/2017 |
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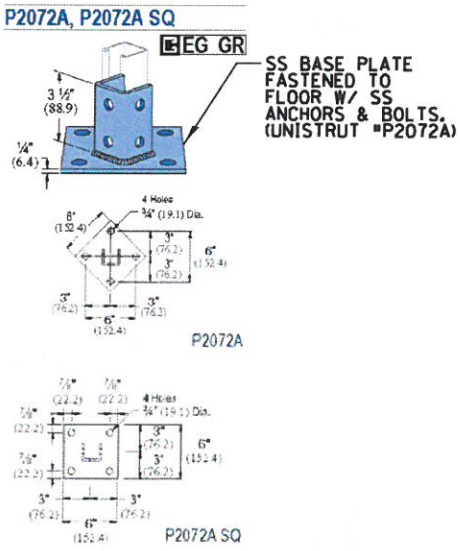
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## PROPOSED VFD MOUNTING DETAIL




NOTES:

1. UNISTRUT CHANNELS, FASTENERS & BASE PLATES SHALL BE STAINLESS STEEL.

## ONE LINE DIAGRAM

## UNISTRUT SUPPORT DETAIL

CLIENT:

VILLAGE OF LINCOLNWOOD
6900 NORTH LINCOLN AVENUE
LINCOLNWOOD, ILLINOIS 60712
847-673-1540

TITLE:

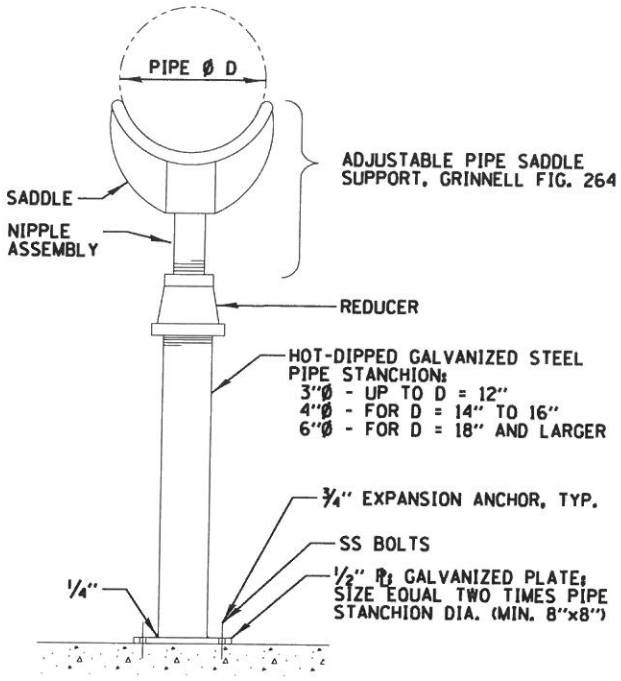
MAIN POTABLE WATER PUMP REPLACEMENT
PROPOSED VARIABLE FREQUENCY DRIVE

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|---|---|
| PROJ. NO. | 140090.C1703 |
| DATE: | 11/13/2017 |
| SHEET | 4 OF 5 |
| DRAWING NO. | EXHIBIT 4 |

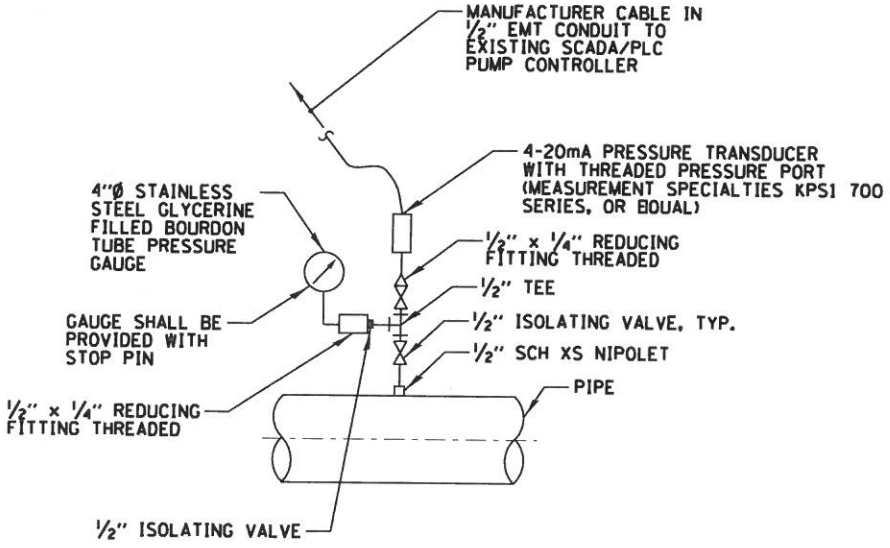
CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600 · Rosemont, Illinois 60018 · (847) 823-0500

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| DSGN. | JPC | | SCALE: | N.T.S. |
| DWN. | DRK | | MODEL: | Default |
| CHKD. | JPC | | PLOT DATE: | 11/13/2017 |
| FILE: | EXH4 | | | |

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## STANCHION PIPING SUPPORT




## PRESSURE LEVEL SENSOR AND GAUGE

CLIENT:
VILLAGE OF LINCOLNWOOD
6900 NORTH LINCOLN AVENUE
LINCOLNWOOD, ILLINOIS 60712
847-673-1540

TITLE:
MAIN POTABLE WATER PUMP REPLACEMENT
GENERAL DETAILS

PROJ. NO. 140090.C1703
DATE: 11/13/2017
SHEET 5 OF 5
DRAWING NO.
EXHIBIT 5

CHRISTOPHER B. BURKE ENGINEERING, LTD.
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| DSGN. | JPC | | SCALE: | N.T.S. |
| DWN. | DRK | | MODEL: | Default |
| CHKD. | JPC | | PLOT DATE: | 11/13/2017 |
| FILE: | EXH5 | | | |

FILE NAME N:\LINCOLNWOOD\140090\C1703\Mech\Exhibits\EXH5.sht

**ADDENDUM NO. 1**
January 18, 2018

To:
Contract Documents Entitled
**Removal and Replacement of a Water Pump and Installation of a Variable Frequency Drive**
Bid Due Date: January 29, 2018, 10:00 a.m.

For:
Village of Lincolnwood

Prepared By:
Christopher B. Burke Engineering, Ltd.
[CBBEL Project No.: 14-0090.C1703]

*This Addendum forms part of the Contract Documents and modifies the original Bidding Documents as noted below.* ***Acknowledge receipt of this Addendum by returning the attached acknowledgement of receipt of Addendum form to*** **nbadran@lwd.org** ***and include a copy with submitted bid proposal.*** *Failure to do so may subject Bidder to disqualification.*

This Addendum consists of the following changes and clarifications:

1. The deadline for questions is Wednesday, January 24, 2018 at 10:00 a.m. Questions asked before then will be compiled and sent out in an additional addendum.

2. The following modifications to the existing Motor Control Center (MCC) shall be performed:

   a. Abandon Start and Stop pushbuttons by disconnecting and removing wiring.
   b. Keep Emergency Stop pushbutton function.
   c. Keep Run/Stop including lights functionality.
   d. Keep Hand-Off-Auto switch function.
   e. Remove existing soft start motor starter and provide to Village for salvage.
   f. Add relay for run indication in MCC.

3. Existing equipment floor hatch may be used for equipment delivery/handling into pump gallery.

4. Remove existing spare electric motor from pump gallery and provide to Village in pump station garage area for salvage.

5. Replace two (one in original contract) existing transducers with new and connect to existing SCADA panel.

6. Add new 1" EMT conduit and new Belden cable between VFD and SCADA section in MCC. Belden cables shall be as follows:

(2) 2/C Shielded 14 Gauge
(1) 8/C Shielded 14 Gauge

Attachments: Revised Drawing No. Exhibit 4
Pre-Bid Meeting Sign-In Sheet

END OF ADDENDUM NO. 1

Village of Lincolnwood

**Removal and Replacement of a Water Pump and Installation of a Variable Frequency Drive**
[CBBEL Project No. 14-0090.C1703]

**ADDENDUM NO. 1**

I acknowledge the receipt of Addendum No. 1 for the above referenced project:

Signed: _____
Name

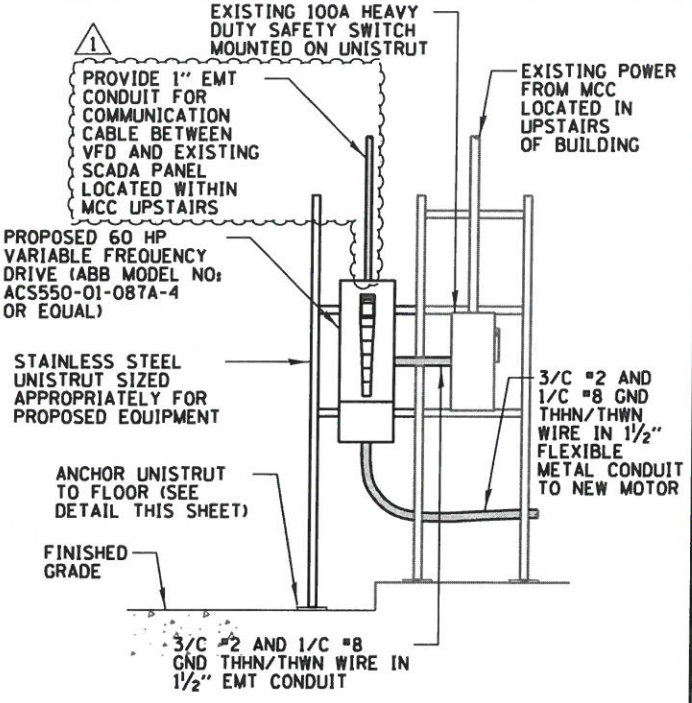
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Name of Company

_____
Date

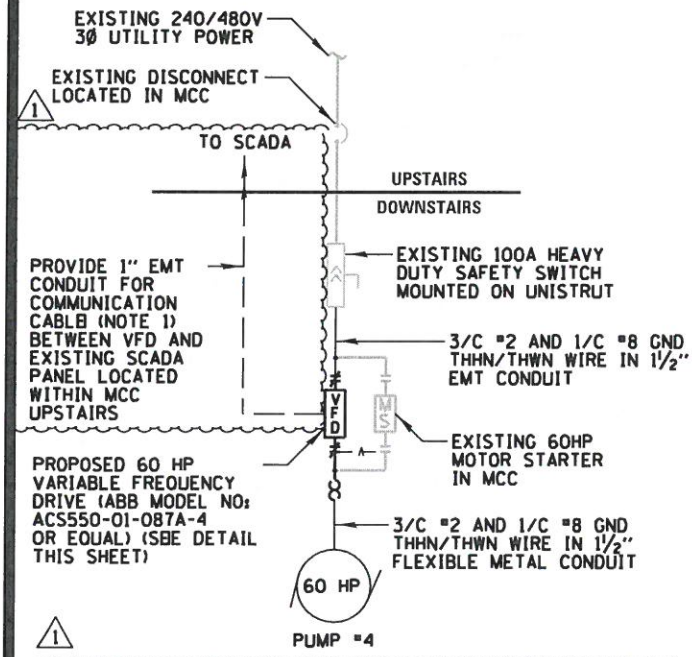
JPC/pjb

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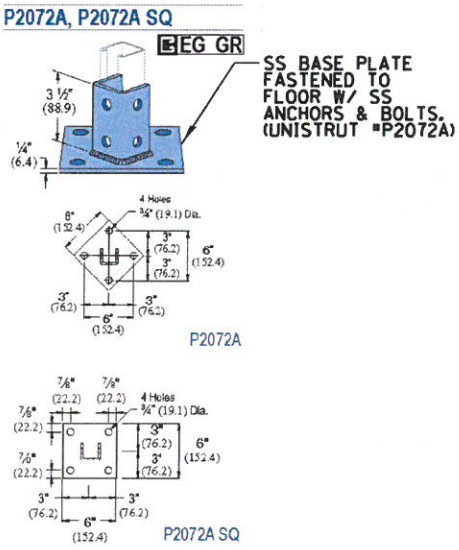

## PROPOSED VFD MOUNTING DETAIL




NOTES:

1. CONTRACTOR SHALL INSTALL TINNED COPPER SHIELDED CABLES BETWEEN THE VFD AND EXISTING SCADA CONTROL PANEL. (BELDEN OR EQUAL)

## ONE LINE DIAGRAM




NOTES:

1. UNISTRUT CHANNELS, FASTENERS & BASE PLATES SHALL BE STAINLESS STEEL.

## UNISTRUT SUPPORT DETAIL

| | | | |
|---|---|---|---|
| CLIENT: VILLAGE OF LINCOLNWOOD, 6900 NORTH LINCOLN AVENUE, LINCOLNWOOD, ILLINOIS 60712, 847-673-1540 | TITLE: MAIN POTABLE WATER PUMP REPLACEMENT PROPOSED VARIABLE FREQUENCY DRIVE | | PROJ. NO. 140090.C1703 |
| | 1 / 01/11/18 / COMMUNICATION CABLE REVISION / JPC | | DATE: 11/13/2017 |
| | NO. / DATE / NATURE OF REVISION / CHKD. | | SHEET 4 OF 5 |
| CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 · Rosemont, Illinois 60018 · (847) 823-0500 | DSGN. JPC / SCALE: N.T.S. | | DRAWING NO. EXHIBIT 4 |
| | DWN. DRK / MODEL: Default | | |
| | CHKD. JPC / PLOT DATE: 1/11/2018 | | |
| | FILE: EXH4 | | |

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# Water Pump Replacement Pre Bid Sign-In
## Please Sign In

Wednesday, January 17, 2018

| Name | Company | Email | Phone Number |
|---|---|---|---|
| Nadim Badran | Lincolnwood | nbadran@lwd.org | 847-675-1221 |
| Steve Fergus | Oberk Elect... | sfergus@oberkelectric.com | 317-577-7744 |
| Rich Kelsey | Crawford Ind | MTeakey@TRI-CORINDUSTRIES.com RTeakey@crawfordind.com | 708-824-3082 |
| John Collier | Dreisilker | jcollier@dreisilker.com | 630-885-2229 |
| Ken Turnquist | Metropolitan Ind | KTURNQUIST@Metroplating.com | 815-886-9200 |
| Jeremy Dempster | Dahme Mech. Ind | kkomorn@dahmemechanical.com | 847-212-1147 |
| Rob Inzinga | AMS | rinzinga@ams-pmt.com | 630-408-3066 |
| Ken Schaefer | AMS | KSCHAEFER@AMS-PMT.COM | |
| Jerry Closzaw | Nickelson | Jerry@Nickelsondone.com | 773-326-9731 |
| Tim Smith | TRI-R Systems | TSMITH@TRI-RSYSTEMS.com | 815 707-0330 |
| John Carusso | CBBEL | jcarusso@cbbel.com | 847-823-0500 |
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**ADDENDUM NO. 2**
January 24, 2018

To:
Contract Documents Entitled
**Removal and Replacement of a Water Pump and Installation of a Variable Frequency Drive**
Bid Due Date: January 29, 2018, 10:00 a.m.

For:
Village of Lincolnwood

Prepared By:
Christopher B. Burke Engineering, Ltd.
[CBBEL Project No.: 14-0090.C1703]

*This Addendum forms part of the Contract Documents and modifies the original Bidding Documents as noted below. Acknowledge receipt of this Addendum by returning the attached acknowledgement of receipt of Addendum form to nbadran@lwd.org and including copy with submitted bid proposal. Failure to do so may subject Bidder to disqualification.*

This Addendum consists of the following changes and clarifications: The following questions were received prior to the deadline for questions:

1. Should the suction pipe reducers be eccentric? That is typically what pump manufactures like to see. If the new pump is also 8x6 we can use eccentric on the discharge side also to maintain equal centerlines. This will also raise the pump by 2 inches if we use eccentric.
   **A: CBBEL has no objection to the use of Eccentric reducers.**

2. There is no place in the bid form for alternate work. Please clarify.
   **A: The Village is only requesting bids be made based on the described scope of work. No alternate bids are being requested.**

3. What is the testing procedure to determine if the existing gate valves are functional? Is the testing to be included in the base bid or the alternate? Will the owner be able to drain the reservoir in order to replace the suction valve if deemed inoperable?
   **A: The Village Public Works Department has already tested the gate valves and both are in functioning order. No alternate bid is being requested for this project. As both valves are in working order, draining of the reservoir should not be needed.**

4. Is there any painting required on the project?
   **A: No painting is required for the project. All painting will be done in house by Village Staff.**

5. Existing pad may need removal and replacement. Is this anticipated?
   **A: concrete pad may need to be modified to accept new pump centerline; this should be included in the cost of the work to replace the pump and motor**.

6. Is the pipe centerline to bottom of pump base the same for the new and old pump? If not we will need to either breakdown or build up the concrete base. I did not see any mention of that on the drawings.
   A: **See answer to number 5.**

Village of Lincolnwood

**Removal and Replacement of a Water Pump and Installation of a Variable Frequency Drive**
[CBBEL Project No. 14-0090.C1703]

**ADDENDUM NO. 2**

I acknowledge the receipt of Addendum No. 1 for the above referenced project:

Signed: _____
Name

_____
Name of Company

_____
Date

JPC/pjb

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**ADDENDUM NO. 3**
January 25, 2018

To:
Contract Documents Entitled
**Removal and Replacement of a Water Pump and Installation of a Variable Frequency Drive**
Bid Due Date: January 29, 2018, 10:00 a.m.

For:
Village of Lincolnwood

Prepared By:
Christopher B. Burke Engineering, Ltd.
[CBBEL Project No.: 14-0090.C1703]

*This Addendum forms part of the Contract Documents and modifies the original Bidding Documents as noted below. Acknowledge receipt of this Addendum by returning the attached acknowledgement of receipt of Addendum form to nbadran@lwd.org and including copy with submitted bid proposal. Failure to do so may subject Bidder to disqualification.*

This Addendum consists of the following changes and clarifications: The following questions were received prior to the deadline for questions:

1. Is a bid Bond required for the project?
   A: No bid bond is required for the project. The Bid Document shall serve as the contract.

Village of Lincolnwood

**Removal and Replacement of a Water Pump and Installation of a Variable Frequency Drive**
[CBBEL Project No. 14-0090.C1703]

**ADDENDUM NO. 3**

I acknowledge the receipt of Addendum No. 3 for the above referenced project:

Signed: _____
Name

_____
Name of Company

_____
Date

JPC/pjb

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# Request For Board Action

**REFERRED TO BOARD:** February 6, 2018 **AGENDA ITEM NO: 4**

**ORIGINATING DEPARTMENT:** Community Development

**SUBJECT: Consideration of a Recommendation by the Plan Commission to Adopt an Ordinance Approving Text Amendments and a Map Amendment to Create the Auto Uses Overlay Zone Within the O, Office Zoning District and Rezone Certain Properties to the Auto Uses Overlay Zone**

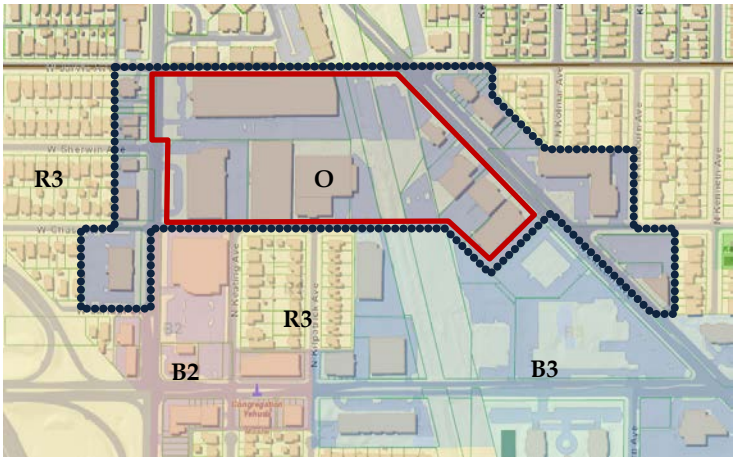
**SUMMARY AND BACKGROUND OF SUBJECT MATTER:**
On September 5, 2017, staff presented the Village Board with a recommendation to refer to the Plan Commission consideration of a Zoning Code Text Amendment that would allow for Auto/Light Truck Sales and Service as a permitted Special Use in the O, Office District. The Village Board did so, and the Plan Commission opened a Public Hearing regarding the matter on December 5, 2017. The Hearing was continued to the January 3, 2018 regular Plan Commission meeting, during which the Plan Commission recommended approval of the Text and Map Amendments.

The intent of the recommended Text Amendment is to capitalize on the potential of properties in this portion of the Village to accommodate Auto/Light Truck Sales and Service uses based on current lot sizes, compatibility with surrounding uses, and proximity to I-94 and regional arterials. The original recommendation presented by staff was to modify *Table 4.01.1 Permitted and Special Uses in all Zoning Districts* in the Zoning Ordinance to permit Auto/Light Truck Sales and Service uses as a Special Use throughout the O, Office District. This permissibility would be further regulated through standards related to minimum lot size, site access, and the characteristics of "auto service" operations in order to minimize impacts on surrounding uses. However, through the course of discussions among the Plan Commission, it was determined that the preferred zoning approach is to establish an Overlay Zone that would permit Auto/Light Truck Sales and Service uses in a more specific area without the potential of being located immediately adjacent to residential areas west of Cicero Avenue or east of Lincoln Avenue.

**Text Amendments**
The recommendation of the Plan Commission includes Zoning Ordinance Text Amendments related to the following (the proposed language is provided in Attachment 6 of this report):

- Amendment to *Section 4.01 Establishment of Districts* to establish the Auto Uses Overlay Zone (AUOZ);
- Amendment to *Table 4.01.1 Permitted and Special Uses in all Zoning Districts* to indicate the Auto/Light Truck Sales and Service uses are permitted as a special use in the O, Office District; and
- Amendment to *Table 4.01.1 Permitted and Special Uses in all Zoning Districts* to include a new note establishing additional standards related to the permissibility of Auto/Light Truck Sales and Service uses in the O, Office District.

**Map Amendment**
The recommended Auto Uses Overlay Zone would be applied generally to all properties currently in the O, Office District and located between Cicero Avenue and Lincoln Avenue. The map below shows the proposed outline of the Auto Uses Overlay Zone.




**Proposed Auto Use Overlay Zone Map Amendment**

**Current O Office District Boundary**

**Recommended Auto Use Overlay Zone**

**Public Hearings & Recommendations**
***November 1, 2017 Public Hearing*** – At its November 1, 2017 meeting, the Plan Commission continued this matter, without discussion, to its December 6, 2017 meeting.

***December 6, 2017 Public Hearing*** – At its December 6, 2017 meeting, the Plan Commission discussed staff's recommendation of a proposed amendment to Table 4.01.1 to allow Auto/Light Truck Sales and Service as a Special Use in the O, Office District, along with additional standards intended to minimize the impacts of the use on surrounding properties. Three primary findings resulted from the discussion during this meeting:

- Some Commissioners felt the permissibility of the use over the entirety of the O, Office District did not give enough assurance that residents west of Cicero Avenue and east of Lincoln Avenue would be properly protected from the impacts of the use. Instead, they suggested that an Overlay Zone with a more definitive boundary would be more effective in this regard;
- Several of the proposed supporting standards were either modified or eliminated based on redundancy with other sections of the Zoning Ordinance or ambiguity; and
- One Commissioner expressed concerns related to used car sales versus new car sales and requested that staff consider if it is possible to regulate this in the standards associated with the Auto Uses Overlay Zone. After the meeting, staff was advised by the Village Attorney that regulating used car sales versus new car sales is not viable, though the Special Use approval process would allow for the review of characteristics related to a specific petitioner.

Chairman Yohanna opened the hearing up for public comment, but no comments were provided. Following the discussion described above, the Plan Commission moved to continue the matter to its January 3, 2018 meeting to allow staff to prepare proposed text and Map Amendments reflected the preferred Overlay Zone approach.

***January 3, 2018 Public Hearing*** – At its January 3, 2018 meeting, staff presented two alternative approaches:

- A modified Text Amendment that would result in the permissibility of Auto/Light Truck Sales and Service uses throughout the O, Office District with modified standards as per the December 6, 2017 discussion; and
- A Text Amendment and Map Amendment that would result in a new Overlay Zone and related standards allowing for Auto/Light Truck Sales and Service between Cicero Avenue and Lincoln Avenue.

The Commission generally agreed that the Overlay Zone more appropriately accomplishes the goals of minimizing impacts to properties west of Cicero Avenue and east of Lincoln Avenue. There was discussion regarding the appropriate minimum lot size, and, ultimately, the Commission agreed that a two-acre minimum was appropriate to keep smaller, short-term auto uses from being developed. Karl Camillucci of Taft Stettinius & Hollister LLP, representative for the Grossinger Auto Group, stated that, as the contract purchaser of a property in this proposed Overlay Zone, they have no objection to the proposed Text and Map Amendments.

**Plan Commission Recommendation**
The Plan Commission, by a 6-0 vote, unanimously recommended approval of proposed Text and Map Amendments that would: 1) establish the Auto Uses Overlay Zone; 2) permit Auto/Light Truck Sales and Service as a Special Use in that zone; 3) require a two-acre minimum lot size; and 4) prohibit "auto service" as the primary use on a property.

**FINANCIAL IMPACT:**
None

**DOCUMENTS ATTACHED:**
1. Proposed Ordinance
2. December 6, 2017 Plan Commission Staff Report
3. December 6, 2017 Plan Commission Meeting Minutes Excerpt
4. January 3, 2018 Plan Commission Staff Report
5. January 3, 2018 Plan Commission Meeting Minutes Excerpt (Draft)
6. Proposed Text Amendments
7. Map of Proposed Auto Uses Overlay Zone

**RECOMMENDED MOTION**:
**Move to approve** an Ordinance approving Text Amendments and a Map Amendment to create the Auto Uses Overlay Zone within the O, Office Zoning District and rezone certain properties to the Auto Uses Overlay Zone.

Return to VB Agenda

**VILLAGE OF LINCOLNWOOD**

**ORDINANCE NO. 2018-_____**

**AN ORDINANCE AMENDING THE VILLAGE OF LINCOLNWOOD ZONING ORDINANCE TO CREATE THE AUTO USES OVERLAY ZONE WITHIN THE OFFICE ZONING DISTRICT AND REZONING CERTAIN PROPERTIES TO THE AUTO USES OVERLAY ZONE**

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE VILLAGE OF LINCOLNWOOD
THIS ____ DAY OF FEBRUARY, 2018.

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 _____, 2018

**ORDINANCE NO. 2018-_____**

**AN ORDINANCE AMENDING THE VILLAGE OF LINCOLNWOOD ZONING ORDINANCE TO CREATE THE AUTO USES OVERLAY ZONE WITHIN THE OFFICE ZONING DISTRICT AND REZONING CERTAIN PROPERTIES TO THE AUTO USES OVERLAY ZONE**

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, pursuant to Section 4.01(8) of "The Village of Lincolnwood Zoning Ordinance," as amended ("***Zoning Ordinance***"), the O-1 Office District of the Village (***"O-1 District"***) is intended primarily for office and limited commercial uses; and

WHEREAS, pursuant to notice duly published in the *Lincolnwood Review* on October 12, 2017, the Village Plan Commission conducted a public hearing on December 6, 2017, to consider amendments to the Zoning Ordinance and the Village of Lincolnwood Official Zoning Map (***"Zoning Map"***) to allow automobile sales and service uses in the O-1 District as a special use; and

WHEREAS, at the conclusion of the public hearing, the Plan Commission determined that automobile sales and service uses may be appropriate on only those parcels within the O-1 District that are at least two acres in size, and that are located east of Cicero Avenue and west of Lincoln Avenue; and

WHEREAS, the Plan Commission made findings and recommended that the President and Board of Trustees adopt (i) amendments to the Zoning Ordinance that would create the Auto Uses Overlay Zone; and (ii) amendments to the Zoning Map to rezone the properties legally described and depicted in **Exhibit B** to this Ordinance (collectively, the ***"Subject Properties"***), all located within the O-1 District, into the Auto Uses Overlay Zone (collectively, the ***"Proposed Amendments"***), as set forth in this Ordinance; 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. ESTABLISHMENT OF ZONING DISTRICTS. Section 4.01 of Article IV of the Zoning Ordinance is hereby amended further to read as follows:

"**4.01 ESTABLISHMENT OF DISTRICTS.**

In order to accomplish the purpose of this Ordinance as stated in Article I hereof, the Village of Lincolnwood, Illinois, is hereby divided into the following districts:

* * *

**(13) AUOZ Auto Uses Overlay Zone. This district is intended to permit certain automobile sales and service uses, otherwise restricted or prohibited in the O-1 zoning district on specified properties within the O-1 zoning district. The uses permitted within the AUOZ overlay zone are intended to maximize the benefit of regional access and vehicular traffic on those lots within the O-1 zoning district that can appropriately accommodate auto dealerships and service centers."**

SECTION 3. PERMITTED AND SPECIAL USES IN THE AUOZ OVERLAY ZONE. Table 4.01.1 of Article IV of the Zoning Ordinance is hereby amended further to read as follows:

"**TABLE 4.01.1 – Permitted and Special Uses in All Zoning Districts**

* * *

| | Zoning Districts | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Residential | | | | Business | | | Office | Manufacturing/ Business | Public | Schools | Standard |
| Use Category | R-1 | R-2 | R-3 | R-4 | B-1 | B-2 | B-3 PD | O-1 | M-B (Note 8) | P | S | |
| | | | | | * | | * | | * | | | |
| **COMMERCIAL** | | | | | | | | | | | | |
| | | | | | * | | * | | * | | | |
| Vehicle sales and service | | | | | | | | | | | | |
| Auto body and repair | — | — | — | — | — | S | — | — | P | — | — | |
| Auto service or gas station | — | — | — | — | — | S | — | — | P | — | — | |
| Auto/light truck sales and services | — | — | — | — | S | S | — | **— S (Note 11)** | P | — | — | |
| Vehicle storage and towing | — | — | — | — | — | — | — | — | P | — | —" | |

* * *

**Additions are bold and double-underlined**; ~~deletions are struck through.~~

**Note 11: Auto/light truck sales and service uses are only permitted within that portion of the O-1 District located within the AUOZ Overlay Zone, and only upon issuance of a special use permit therefor. No such special use permit may be issued unless: (i) the subject property is not less than two acres in size; and (ii) auto service uses are a secondary use, and not the primary use, of the subject property.**"

SECTION 4. ZONING MAP AMENDMENT. The Zoning Map of the Village is hereby amended to rezone each and all of the Subject Properties to the O-1 District and the AUOZ Overlay Zone of the Village, in accordance with, and pursuant to, Section 5.16 of the Zoning Ordinance and the home rule powers of the Village.

SECTION 5. SEVERABILITY. If any provision of this Ordinance or part thereof is will remain in full force and effect, and are 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 February, 2018.

AYES:_____

NAYS:_____

ABSENT:_____

ABSTENTION:_____

APPROVED by me this _____ day of February, 2018.

_____
Barry I. Bass, President
Village of Lincolnwood, Cook County, Illinois

ATTESTED and FILED in my office the _____ day of February, 2018.

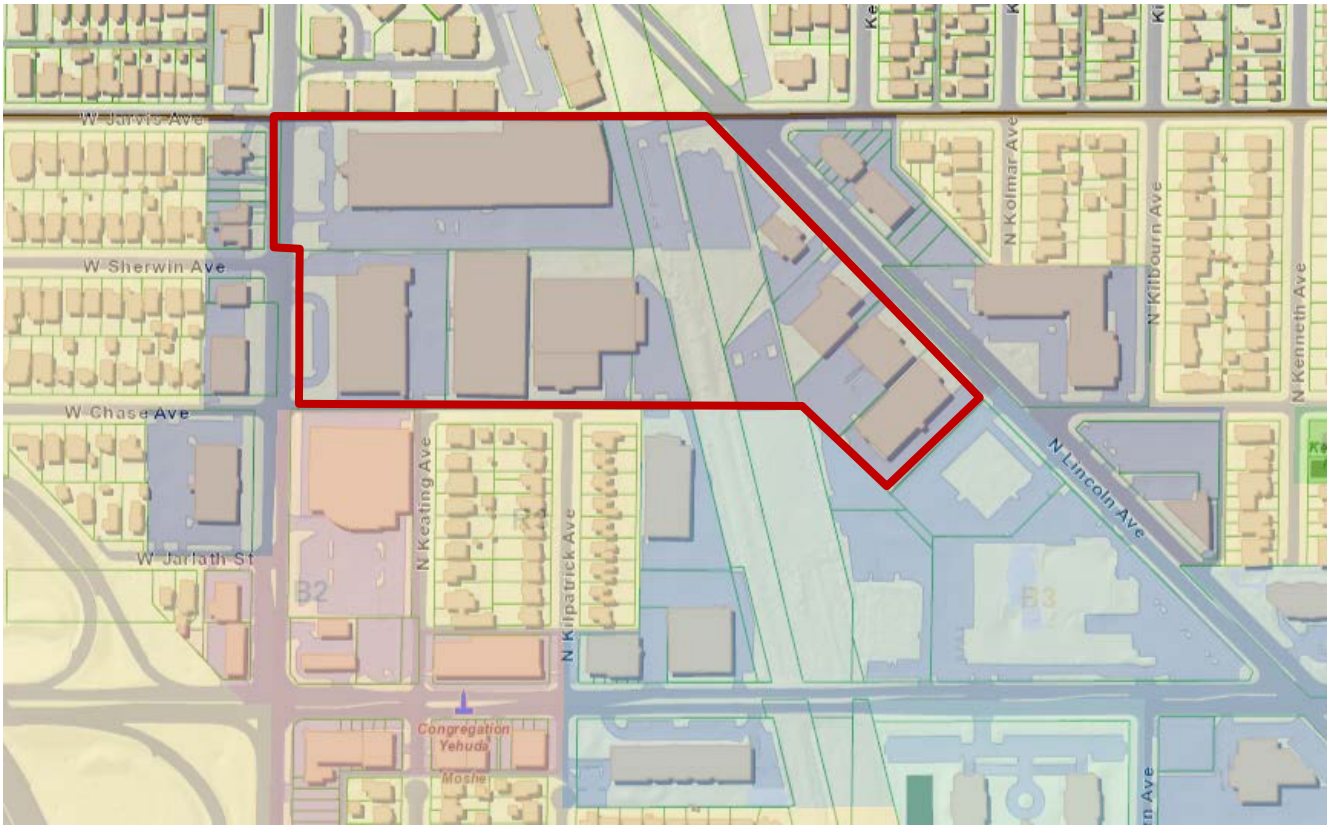
_____
Beryl Herman, Village Clerk
Village of Lincolnwood, Cook County, Illinois

# EXHIBIT A

Description and Depiction of Subject Properties

| | |
|---|---|
| 10-27-307-024-0000 | 7373 N Cicero Ave |
| 10-27-307-024-0000 | 7390 N Lincoln Ave |
| 10-27-307-040-0000 | 7301 N Cicero Ave |
| 10-27-307-040-0000 | 7303 N Cicero Ave |
| 10-27-307-043-0000 | 7384 N Lincoln Ave |
| 10-27-307-042-0000 | 7373 N Cicero Ave |
| 10-27-307-038-0000 | 4700 W Chase Ave |
| 10-27-307-039-0000 | 4700 W Chase Ave |
| 10-27-307-045-0000 | 7380 N Lincoln Ave |
| 10-27-307-044-0000 | 4654 W Chase Ave |
| 10-27-317-045-0000 | 7380 N Lincoln Ave |
| 10-27-317-046-0000 | 7370 N Lincoln Ave |
| 10-27-317-047-0000 | 7366 N Lincoln Ave |
| 10-27-317-048-0000 | 7358 N Lincoln Ave |

**Auto Uses Overlay Zone Boundary**



Return to VB Agenda

# Plan Commission Staff Report
# Case # PC-13-17
**December 6, 2017**

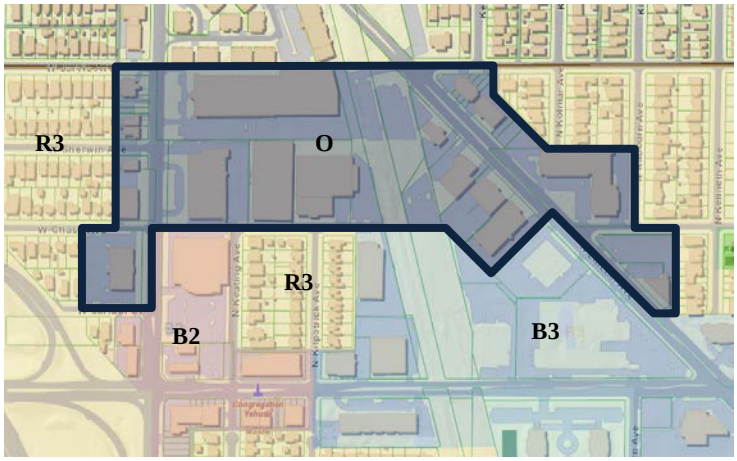
**Subject: Consideration of Text Amendments to Modify the Permissibility and Requirements for Auto/Light Truck Sales and Service Uses in the O, Office District**

**Requested Action:** Text Amendments to Zoning Code Table 4.01.1 Permitted and Special Uses in All Zoning Districts, to modify the permissibility of Auto/Light Truck Sales and Service uses in the O, Office District, and new regulations specifically related to Auto/Light Truck Sales and Service uses in the O, Office District as deemed appropriate through the course of Plan Commission Public Hearings related to this case.

**Petitioner:** Village Board (referred on September 5, 2017)

**Background**

On October 2, 2017, the Plan Commission was presented with a staff recommendation related to a zoning code text amendment that would allow Auto/Light Truck Sales and Service as a Special Use in the "O" Office District. (The minutes, staff report, attachments, and staff presentation from that meeting are attached to this report.)



**Current O Office District Boundary and Zoning Context**

A summary of the rationale for the proposed text amendment and key considerations is as follows:

***Rationale for the Proposed Zoning Amendment***

- The "O" Office District currently permits uses that are potentially more impactful than Auto/Light Truck Sales and Service uses. At the same time, the B-1 and B-2 zoning districts permit Auto/Light Truck Sales and Service uses as Special Uses, though properties in those districts are generally less viable for such uses.

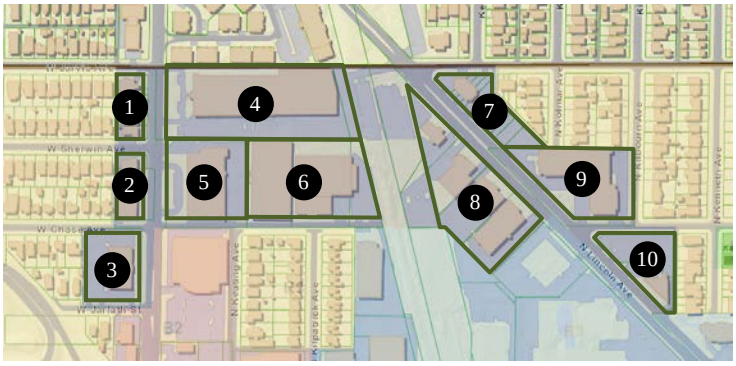
- The Village's Comprehensive Plan identifies parcels in this area of the Village as either Regional Commercial, Light Industrial, or Local/Corridor Commercial future land uses. Auto/Light Truck Sales and Service uses would be generally compatible with the intended use mix.

- The O, Office District includes properties fronting on arterials with close proximity to I-94, providing the opportunity for uses that serve a regional market.

- The sizes of existing lots in the "O" Office District support Auto/Light Truck Sales and Service uses and their related site programming needs.

***Planning and Zoning Considerations***

- Establishing a minimum lot size for Auto/Light Truck Sales and Service uses could ensure that such uses can appropriately accommodate screening, parking, and other site elements. It could also ensure that they are located away from existing residential areas.
- Requiring service functions to be located away from residential uses could minimize impacts to residents.
- Permitting service uses only as a complementary component to auto sales would ensure that service functions, and their related impacts, do not overwhelm adjacent uses.
- Requiring the on-site management of traffic and parking could minimize peripheral impacts on surrounding uses and arterial roadways.




**Development Site Areas in the O Office District:**

| | |
|---|---|
| **Area 1: .72 acres** | **Area 6: 3.92 acres** |
| **Area 2: .80 acres** | **Area 7: 1.26 acres** |
| **Area 3: 1.63 acres** | **Area 8: 3.78 acres** |
| **Area 4: 5.19 acres** | **Area 9: 2.38 acres** |
| **Area 5: 2.52 acres** | **Area 10: 1.35 acres** |

During discussion at the November 1, 2017 Plan Commission public hearing, the commission supported the drafting of text amendments that would integrate these considerations.

**Definition of "Light Truck"**

One specific question raised by the Plan Commission related to the definition of "light truck." The Village Code does not provide a definition of "light truck". However, in addition to references to the "Auto/Light Truck Sales and Service", the Village Code uses the term "light truck" in the following contexts:

- Definition of CAR AND LIGHT TRUCK RENTAL: Rental of automobiles and light trucks and vans, including incidental parking and servicing of vehicles for rent or lease. Typical uses include auto rental agencies and taxicab dispatch areas.
- Definition of CAR WASH: Mechanical facilities for the washing or waxing of private automobiles, light trucks and vans, but not commercial fleets.

Neither of these definitions provides a more specific interpretation of the term "light truck." Research conducted by staff shows that the industry standard for "light trucks" includes vehicles with a payload capacity of 4,000 pounds or less. (For example, this includes the Chevrolet Silverado 1500, Ford F-150, RAM 1500, and Toyota Tundra.) "Heavy trucks" typically include vehicles with a payload capacity of up to 6,500 pounds, such as the Chevrolet Silverado 2500 and 3500, Ford F-250 and F-350, and the RAM 2500 and 3500.

Regardless of the industry standard definitions of "light truck" or "heavy truck," all the models described above are two-axle vehicles that may typically be used as private vehicles or small commercial vehicles. Staff recommends that these types of vehicles be included under the Village's interpretation of "light truck". However, trucks with more than two axles or equipment specifically used for a more intense commercial use, such as tow trucks or specialized commercial vehicles, would not be included under the Village's interpretation of "light truck."

**Proposed Zoning Text Amendments**

The following represent the proposed text amendments related to Auto/Light Truck Sales and Service uses in the "O" Office District. For all proposed amendments, existing regulations are shown in regular font, proposed additions are shown in **bold underlined** font, and proposed deletions are shown in ~~strikethrough~~ font.

***Amendment to Table 4.01.1 Permitted and Special Uses in All Zoning Districts***

Staff recommends that the rows related to the "Auto/light truck sales and service" use category be amended as follows:

| Use Category | R-1 | R-2 | R-3 | R-4 | B-1 | B-2 | B-3 PD | O-1 | M-B | P | S | Standard |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Auto/light truck sales and service | -- | -- | -- | -- | S | S | -- | **S** | P | -- | -- | **§ 4.07(18)** |

***Amendment to Section 4.07 Additional use standards for business and office districts***

Staff recommends that the following regulations be added as a subsection at the end of Section 4.07. (It should be noted that Auto/light truck sales and service uses will automatically be subject to other regulation related to transitional yards outlined in Section 4.07(3), included as an attachment to this report.)

**(18) Auto/light truck sales and service uses in the O Office District. All Auto/light truck sales and service use located in the O Office District shall comply with the following regulations:**

- **a. Auto/light truck sales and service uses shall occupy lots with a minimum lot size of not less than 2.5 acres.**
- **b. "Auto service" operations are permitted as a secondary use and only when "auto sales" is the primary use on the property.**
- **c. To the greatest extent possible, "auto service" operations shall be located and oriented away from adjacent residential properties.**
- **d. Special Use approval of an Auto/light truck sales and service use shall be contingent upon the ability of the lot to accommodate all employee parking, sales inventory, vehicles being serviced, and other related vehicles and operations on the same property.**
- **e. To the greatest extent possible, access shall be provided from streets, or segments of streets, that minimize commercial traffic circulation in front of or adjacent to residential uses.**

**Recommendation**

Staff recommends approval of the proposed text amendments as presented, and referral to the Village Board for formal adoption.

**Documents Attached**

1. November 1, 2017 Plan Commission Meeting Minutes
2. October 2, 2017 Plan Commission Staff Report
3. Map of Existing O Office District Boundaries
4. Current Regulations related to Required Transition Yards

Return to VB Agenda

**MEETING MINUTES**
**OF THE**
**PLAN COMMISSION**
**DECEMBER 6, 2017 – 7:00 P.M.**

**LINCOLNWOOD VILLAGE HALL**
**COUNCIL CHAMBERS**
**6900 NORTH LINCOLN AVENUE**
**LINCOLNWOOD, ILLINOIS 60712**

**MEMBERS PRESENT:**
Chairman Mark Yohanna
Sue Auerbach
Steven Jakubowski
Adi Kohn
Henry Novoselsky
Don Sampen

**MEMBERS ABSENT:**
Anthony Pauletto

**STAFF PRESENT:**
Doug Hammel, Community Development Manager
Kathryn Kasprzyk, Community Development Coordinator

## V. Case #PC-13-17: Text Amendment for the Permissibility of Auto/Light Truck Sales and Service Uses as Special Uses in the O, Office District *(Continued from November 1, 2017)*

Chairman Yohanna announced the continuation of Case #PC-13-17 for consideration of a Zoning Code Text Amendment to consider permitting Auto/Light Truck Sales and Service Uses as Special Uses in the O, Office District, as well as other potential regulations specifically related to Auto/Light Truck Sales and Service uses in the O, Office District that could be deemed relevant to such permissibility.

Development Manager Hammel reiterated the rationale for the proposed amendment and related policy questions. The definition and usage of "light truck" was clarified and discussed. The minimum lot requirement of 2.5 acres would be required for this type of use, of which there are only four parcels this size in the Village.

Commissioner Novoselsky was opposed to extending the Overlay in the O, Office District that is adjacent to any single-family residential use. It was noted that there are currently several auto uses that are adjacent to residential uses. There was discussion regarding whether or not inventory and employee parking should be on the same property or if the use of "satellite" lots

would be allowed, the proposed Ordinance language, and what lots would be acceptable for this use. Commissioner Jakubowski had issue with the wording "greatest extent possible" in Section 4.07(19)e of the proposed Ordinance language. Development Manager Hammel will redraft the proposed language for review at the January 3, 2018 Plan Commission meeting.

Chairman Yohanna asked if there was anyone from the audience who would like to address the Plan Commission on this matter. Let the record state that no one came forward.

**Motion to continue** Case #PC-13-17 to the January 3, 2018 Plan Commission meeting was made by Commissioner Sampen and seconded by Commissioner Jakubowski.

**Aye: Sampen, Jakubowski, Auerbach, Kohn, Novoselsky, and Yohanna**
**Nay: None**
**Motion Approved: 6-0**

Return to VB Agenda

# Plan Commission Staff Report
# Case # PC-13-17
**January 3, 2018**

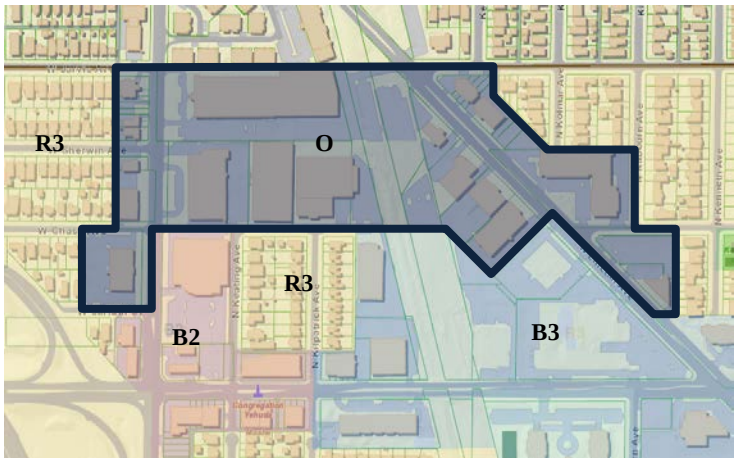
**Subject: Consideration of Text Amendments to Modify the Permissibility and Requirements for Auto/Light Truck Sales and Service Uses in the O, Office District**

**Requested Action:** Text Amendments to Zoning Code Table 4.01.1 Permitted and Special Uses in All Zoning Districts, to modify the permissibility of Auto/Light Truck Sales and Service uses in the O, Office District, Section 4.01(13) to establish a new auto Uses Overlay Zone, a map amendment to designate parcels within the new Auto Use Overlay Zone, and new regulations specifically related to Auto/Light Truck Sales and Service uses in the O, Office District as deemed appropriate through the course of Plan Commission Public Hearings related to this case.

**Petitioner:** Village Board (referred on September 5, 2017)

**Background**

On October 2, 2017, the Plan Commission was presented with a staff recommendation related to a zoning code text amendment that would allow Auto/Light Truck Sales and Service as a Special Use in the "O" Office District. Subsequently, on December 6, 2017, the Plan Commission considered draft language related to such an amendment. (The minutes, staff reports, and attachments from each of those meetings are attached to this report.)




**Current O Office District Boundary and Zoning Context**

A summary of the rationale for the proposed text amendment and key considerations is as follows:

***Rationale for the Proposed Zoning Amendment***

- The "O" Office District currently permits uses that are potentially more impactful than Auto/Light Truck Sales and Service uses. At the same time, the B-1 and B-2 zoning districts permit Auto/Light Truck Sales and Service uses as Special Uses, though properties in those districts are generally less viable for such uses.

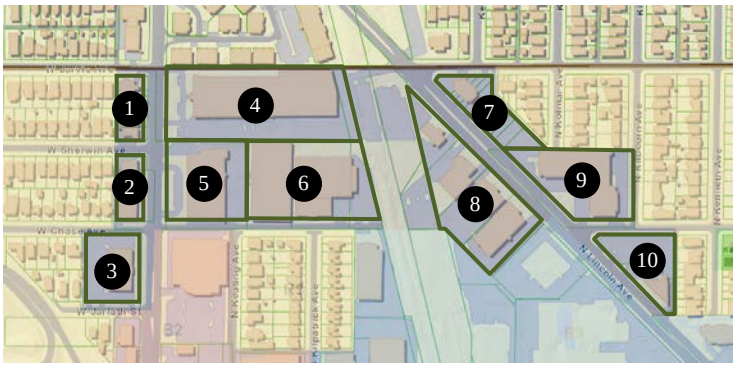
- The Village's Comprehensive Plan identifies parcels in this area of the Village as either Regional Commercial, Light Industrial, or Local/Corridor Commercial future land uses. Auto/Light Truck Sales and Service uses would be generally compatible with the intended use mix.

- The O, Office District includes properties fronting on arterials with close proximity to I-94, providing the opportunity for uses that serve a regional market.

- The sizes of existing lots in the "O" Office District support Auto/Light Truck Sales and Service uses and their related site programming needs.

***Planning and Zoning Considerations***

- Establishing a minimum lot size for Auto/Light Truck Sales and Service uses could ensure that such uses can appropriately accommodate screening, parking, and other site elements. It could also ensure that they are located away from existing residential areas.
- Requiring service functions to be located away from residential uses could minimize impacts to residents.
- Permitting service uses only as a complementary component to auto sales would ensure that service functions, and their related impacts, do not overwhelm adjacent uses.
- Requiring the on-site management of traffic and parking could minimize peripheral impacts on surrounding uses and arterial roadways.




**Development Site Areas in the O Office District:**

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|---|---|
| **Area 1: .72 acres** | **Area 6: 3.92 acres** |
| **Area 2: .80 acres** | **Area 7: 1.26 acres** |
| **Area 3: 1.63 acres** | **Area 8: 3.78 acres** |
| **Area 4: 5.19 acres** | **Area 9: 2.38 acres** |
| **Area 5: 2.52 acres** | **Area 10: 1.35 acres** |

**December 6, 2017 Discussion**

The Public Hearing held on December 6, 2017 resulted in three topics for further discussion:

Basic Text Amendment versus Auto Uses Overlay

Staff's initial recommendation included text amendments that would be applied to the entirety of the O Office District. This change in the permissibility of Auto/Light Truck Sales and Service uses would be supplemented by regulations related to minimum lot size and site design to increase the likelihood that adjacent residential areas were not adversely impacted by such uses. The Plan Commission requested that staff explore an Overlay District as an alternative to more specifically identify the intended locations for Auto/Light Truck Sales and Service uses. This staff report describes that approach and provides a basis for discussion at the January 3, 2018 Public Hearing.

Elimination of Recommended Regulations

During the December 6, 2017 Public Hearing, the Plan Commission requested the striking of some draft regulations presented by staff as part of the recommended text amendment. This staff report reflects these edits, which were based on either redundancy with existing regulations in the current code or regulations that may no longer be needed based on the Overlay District approach presented in this staff report.

New Car Sales versus Used Car Sales

The Plan Commission expressed concerns regarding the permissibility of the sale of used cars. However, staff research indicates that surrounding peer communities do not regulate based on used versus new car sales. At the time of drafting this report, staff is awaiting guidance from the Village Attorney regarding the legal implications of regulating a use based on new car sales versus used car sales.

## Proposed Zoning Text Amendments

The following sections outline two distinct approaches to accommodating Auto/Light Truck Sales and Service uses in the O Office District.

### *Approach #1 - Text Amendment to the Entirety of the O Office District*

The following text amendments reflect the approach discussed and comments provided during the October 2, 2017, and December 6, 2017 Plan Commission meeting. Under this approach, the permissibility of Auto/Light Truck Sales and Service uses would be changed for the entirety of the O Office District, and regulations would be adopted to minimize impacts on surrounding residential properties. For all proposed amendments, existing regulations are shown in regular font, proposed additions are shown in **bold underlined** font, and proposed deletions are shown in ~~strikethrough~~ font.

**Amendment to Table 4.01.1 Permitted and Special Uses in All Zoning Districts**

Staff recommends that the rows related to the "Auto/light truck sales and service" use category be amended as follows:

| Use Category | R-1 | R-2 | R-3 | R-4 | B-1 | B-2 | B-3 PD | O-1 | M-B | P | S | Standard |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Auto/light truck sales and service | -- | -- | -- | -- | S | S | -- | **S** | P | -- | -- | **§ 4.07(18)** |

**Amendment to Section 4.07 Additional use standards for business and office districts**

Staff recommends that the following regulations be added as a subsection at the end of Section 4.07. (It should be noted that Auto/light truck sales and service uses will automatically be subject to other regulation related to transitional yards outlined in Section 4.07(3), included as an attachment to this report.)

**(18) Auto/light truck sales and service uses in the O Office District. All Auto/light truck sales and service use located in the O Office District shall comply with the following regulations:**

- **a. Auto/light truck sales and service uses shall occupy lots with a minimum lot size of not less than 2.5 acres.**
- **b. "Auto service" operations are permitted as a secondary use and only when "auto sales" is the primary use on the property.**

***Approach #2 – Auto Uses Overlay District***

This approach includes amendments to the current zoning ordinance in order to establish a new overlay district, and a map amendment to implement the new district within a focused portion of the O Office District.

**Amendment to Section 4.01. Establishment of Districts to include a new Subsection 13:**

Staff recommends that Section 4.01 be amended to include the following subsection:

**(13) Auto Uses Overlay Zone. This district is intended to permit certain auto sales and service uses on specified properties within the O Office District. The uses permitted within the Auto Uses Overlay Zone are intended to maximize the benefit of regional access and lots that can appropriately accommodate auto dealerships and service centers.**

**Amendment to Table 4.01.1 Permitted and Special Uses in All Zoning Districts**

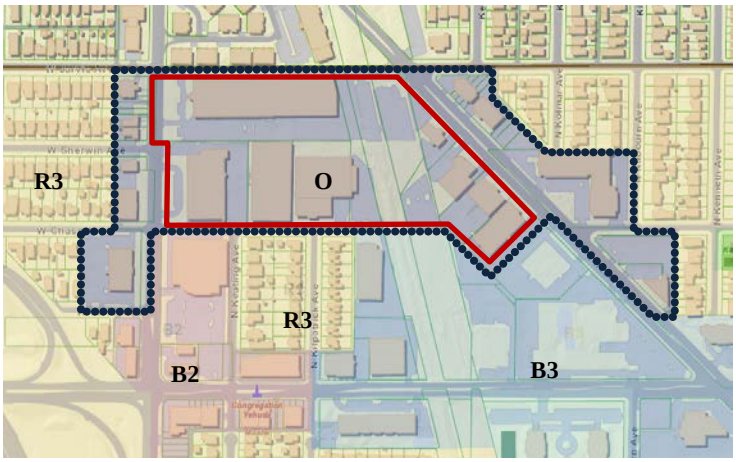
Staff recommends that the rows related to the "Auto/light truck sales and service" use category be amended as follows:

| Use Category | R-1 | R-2 | R-3 | R-4 | B-1 | B-2 | B-3 PD | O-1 (Note 11) | M-B | P | S | Standard |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Auto/light truck sales and service | -- | -- | -- | -- | S | S | -- | **S** | P | -- | -- | **§ 4.07(18)** |

**Note 11: For properties within the Auto Uses Overlay Zone, Auto/Light Truck Sales and Service uses shall be permitted only upon issuance of a special use permit, and only when "auto service" operations are permitted as a secondary use and only when "auto sales" is the primary use on the property.**

**Amendment to the Village of Lincolnwood Zoning Map:**

Staff recommends that the Village of Lincolnwood Zoning Map be amended to reflect the implementation of the Auto Use Overlay District. The map to the right illustrates staff's recommendation for the boundary of the Auto Use Overlay Zone within the O Office District.




**Recommended Auto Use Overlay Zone Map Amendment**

**Current O Office District Boundary**

**Recommended Auto Use Overlay Zone Boundary**

**Recommendation**

Staff recommends continued discussion and selection of a preferred zoning approach as presented in this report, and referral to the Village Board for formal adoption.

**Documents Attached**

1. December 6 Plan Commission Meeting Minutes
2. December 6, 2017 Staff Report
3. November 1, 2017 Plan Commission Meeting Minutes
4. October 2, 2017 Plan Commission Staff Report
5. Map of Existing O Office District Boundaries

***DRAFT*** **MEETING MINUTES**
**OF THE**
**PLAN COMMISSION**
**JANUARY 3, 2018 – 7:00 P.M.**

**LINCOLNWOOD VILLAGE HALL**
**COUNCIL CHAMBERS**
**6900 NORTH LINCOLN AVENUE**
**LINCOLNWOOD, ILLINOIS 60712**

**MEMBERS PRESENT:**
Chairman Mark Yohanna
Sue Auerbach
Steven Jakubowski
Adi Kohn
Henry Novoselsky
Don Sampen

**MEMBERS ABSENT:**
Anthony Pauletto

**STAFF PRESENT:**
Doug Hammel, Community Development Manager
Kathryn Kasprzyk, Community Development Coordinator

DRAFT

## VII. Case #PC-13-17: Text Amendment for the Permissibility of Auto/Light Truck Sales and Service Uses as Special Uses in the O, Office District *(Continued from December 6, 2017 and November 1, 2017)*

Chairman Yohanna announced the continuation of Case #PC-13-17 to consider permitting Auto/ Light Truck Sales and Service Uses as Special Uses in the O, Office District, as well as other potential regulations specifically related to Auto/Light Truck Sales and Service uses in the O, Office District that could be deemed relevant to such permissibility.

Development Manager Hammel restated the rationale for the proposed amendment and related policy questions previously discussed at the December 7, 2017 meeting. That discussion direction was to adopt a text amendment to Table 4.01.1 for the entire O, Office District with recommendations to minimize the impact to surrounding residential properties by including a 2.5-acre minimum lot size and auto service operations permitted as a secondary use only when auto sales is the primary use on the property. There was concern that parcels on the east side of Lincoln Avenue could be consolidated, thereby impacting adjacent residential properties.

There was discussion whether the 2.5-acre lot size should be decreased to 2 acres. The original intent was to restrict shallow lots adjacent to residential districts from this use. The purpose of the minimum lot size is not to have multiple independent used car dealerships.

An alternative is a text amendment for the proposed Overlay District, but only as a Special Use, a minimum 2.5-acre lot size, and cannot abut a residential district, which is a key component of this proposed text amendment. The size requirement is to prohibit this use on the west side of Cicero Avenue and the east side of Lincoln Avenue. Development Hammel presented rationale for this direction. Commissioner Novoselsky agreed that this use be prohibited completely on the west side of Cicero Avenue and the east side of Lincoln Avenue, whether as a Special Use or as a Variation.

Mr. Camillucci notified the Plan Commission that Grossinger has entered into a contingency for "Area 4" at the corner of Jarvis and Cicero Avenues and encouraged the Plan Commission to move as quickly as possible so Grossinger can apply for a Special Use permit.

Staff noted the Plan Commission's preference to move forward with an Overlay District with the condition of a two-acre minimum lot size and auto sales as the predominant use.

Chairman Yohanna asked if there was anyone from the audience who would like to address the Plan Commission on this matter. Let the record state that no one came forward.

**Motion to recommend approval** to amend the Section 4.07 of the Zoning Code to adopt an Overlay District in the O, Office District to include a minimum lot size of two acres, with Special Use approval, was made by Commissioner Jakubowski and seconded by Commissioner Novoselsky. Case #PC-13-17 will be heard at the February 6, 2018 Village Board meeting.

**Aye: Jakubowski, Novoselsky, Auerbach, Kohn, Sampen, and Yohanna**
**Nay: None**
**Motion Approved: 6-0**

# Attachment #6 Proposed Text Amendments

Section 4.01 of Article IV of the Zoning Ordinance is proposed to read as follows:

"**4.01 ESTABLISHMENT OF DISTRICTS.**

In order to accomplish the purpose of this Ordinance as stated in Article I hereof, the Village of Lincolnwood, Illinois, is hereby divided into the following districts:

* * *

**(13) AUOZ Auto Uses Overlay Zone. This district is intended to permit certain automobile sales and service uses, otherwise restricted or prohibited in the O-1 zoning district on specified properties within the O-1 zoning district. The uses permitted within the AUOZ overlay zone are intended to maximize the benefit of regional access and vehicular traffic on those lots within the O-1 zoning district that can appropriately accommodate auto dealerships and service centers."**

Table 4.01.1 of Article IV of the Zoning Ordinance is proposed to read as follows:

"**TABLE 4.01.1 – Permitted and Special Uses in All Zoning Districts**

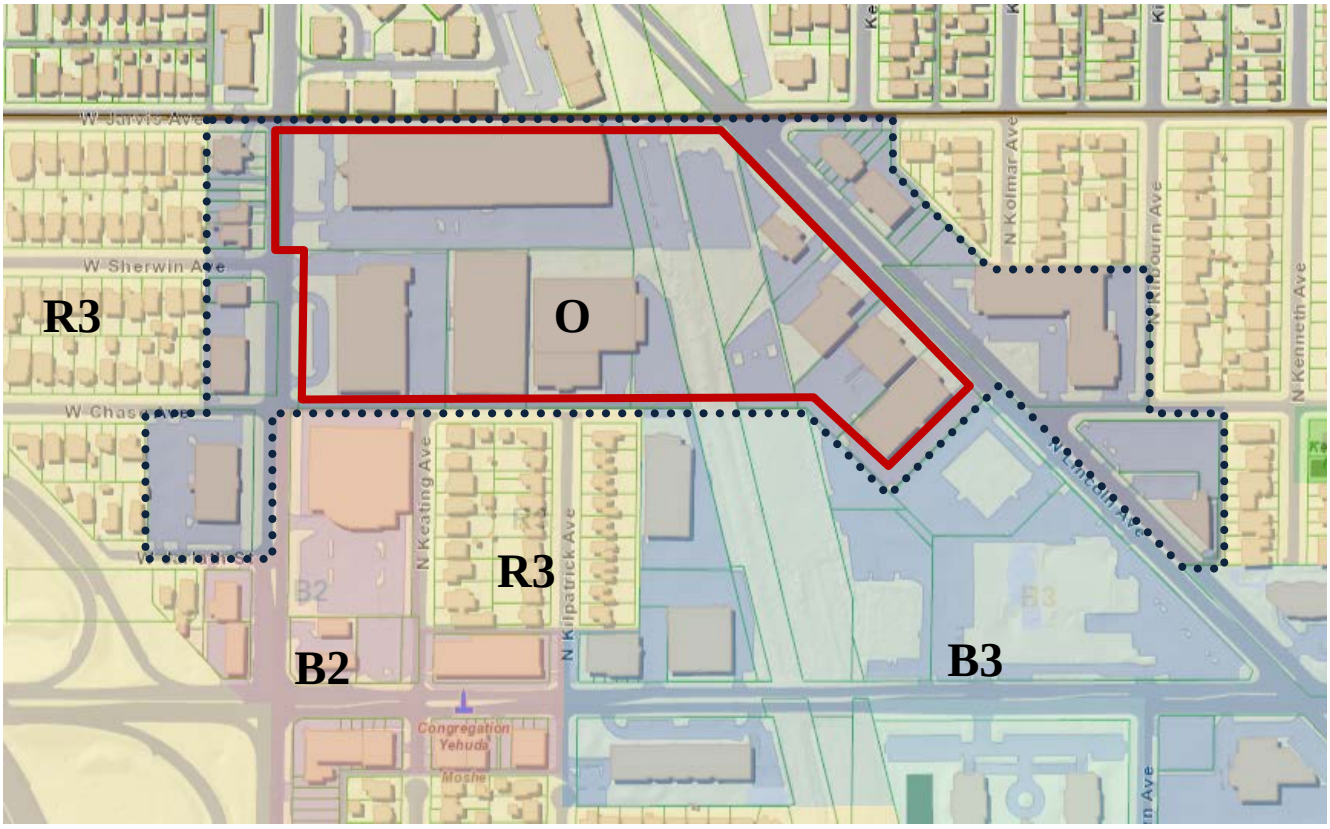
* * *

| | Zoning Districts | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Residential | | | | Business | | | Office | Manufacturing/ Business | Public | Schools | Standard |
| Use Category | R-1 | R-2 | R-3 | R-4 | B-1 | B-2 | B-3 PD | O-1 | M-B (Note 8) | P | S | |
| | | | | | * | | * | | * | | | |
| **COMMERCIAL** | | | | | | | | | | | | |
| | | | | | * | | * | | * | | | |
| Vehicle sales and service | | | | | | | | | | | | |
| Auto body and repair | — | — | — | — | — | S | — | — | P | — | — | |
| Auto service or gas station | — | — | — | — | — | S | — | — | P | — | — | |
| Auto/light truck sales and services | — | — | — | — | S | S | — | **— S (Note 11)** | P | — | — | |
| Vehicle storage and towing | — | — | — | — | — | — | — | — | P | — | —" | |

*  *  *

**Note 11: Auto/light truck sales and service uses are only permitted within that portion of the O-1 District located within the AUOZ Overlay Zone, and only upon issuance of a special use permit therefor. No such special use permit may be issued unless: (i) the subject property is not less than two acres in size; and (ii) auto service uses are a secondary use, and not the primary use, of the subject property.**"

# Attachment #6 Proposed Map Amendment




## Proposed Auto Uses Overlay Zone Map Amendment

**Current O Office District Boundary**

**Proposed Auto Uses Overlay Zone Boundary**

**Additions are bold and double-underlined**; ~~deletions are struck through.~~

# Request For Board Action

**REFERRED TO BOARD:** February 6, 2018 **AGENDA ITEM NO: 5**

**ORIGINATING DEPARTMENT:** Community Development

**SUBJECT: Consideration of a Recommendation by the Zoning Board of Appeals in Case #ZB-11-17 to Deny a Variation Request Regarding Existing Non-Conforming Fences in the Corner Side Yard and Interior Side Yard of 6454 North Kimball Avenue and in the Interior Side Yard of 6450 North Kimball Avenue**

***This request was continued at the October 17, 2017, November 7, 2017, December 5, 2017, and January 2, 2018 Village Board meetings at the request of the Petitioner.***

**SUMMARY AND BACKGROUND OF SUBJECT MATTER:**

Aaron Kraft, property owner of 6454 North Kimball Avenue, on behalf of himself and David Goldberg, property owner of 6450 North Kimball Avenue, seeks a Variation to allow existing non-conforming fences on each property to remain in place. (Mr. Goldberg authorized Mr. Kraft to act as the Petitioner on his behalf since the non-compliant fences were installed as the result of an improvement to Mr. Kraft's property.)



**Non-compliant corner side yard fence at 6454 North Kimball Avenue**




**Non-compliant interior side yard fences at 6450 and 6454 North Kimball Avenues**

In January 2015, Building Permit #150003 was issued for 6454 North Kimball Avenue for a second floor addition. During the course of construction, some existing fences were damaged on both 6454 North Kimball Avenue and 6450 North Kimball Avenue. A separate contractor was hired to replace the fences but did so without procuring a new fence permit or ensuring that the installed fences met the Village's zoning or building standards. The non-conforming fences include the following:

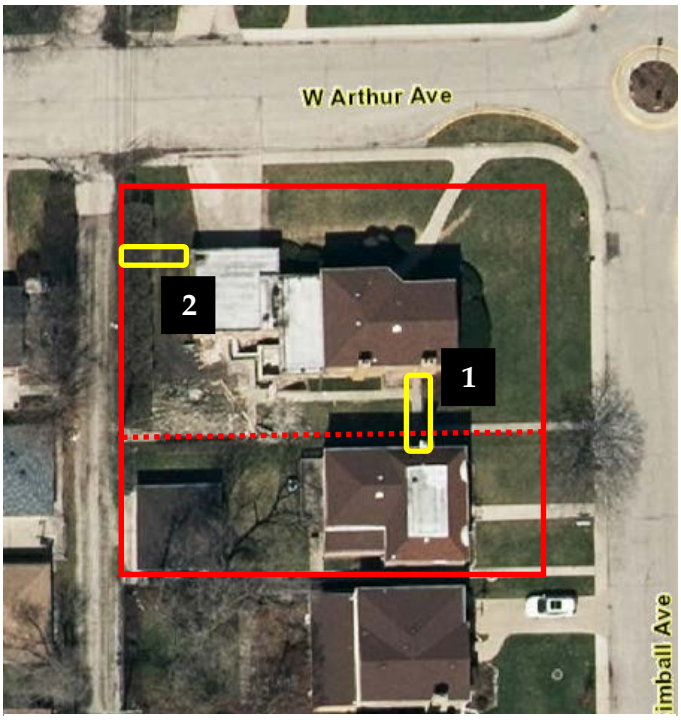
- A six-foot-tall solid fence along the corner side lot line of 6454 North Kimball Avenue which is non-compliant because it is taller than four feet and not at least 33% open;
- A six-foot-tall solid fence in the interior side yard of 6454 North Kimball Avenue which is non-compliant because it is taller than four feet and not at least 50% open; and
- A six-foot-tall solid fence in the interior side yard of 6450 North Kimball Avenue which is non-compliant because it is taller than four feet and not at least 50% open.

In his application for a Variation, the Petitioner noted several characteristics that increase the amount of public vehicular and pedestrian traffic adjacent to his property. The characteristics include the alley along the west property line, a bus stop location for schools and camps that attracts children and parents to the intersection, and the traffic circle that results in areas where people frequently pull over to make phone calls or park while taking care of other tasks.

Requested Zoning Action

Allowing the existing non-conforming fences to remain in place would require relief from two regulations found in the Zoning Ordinance:

Section 3.13(11)*c states that "open fences of all types allowed by this regulation not more than four feet in height are allowed in side yards."* The zoning ordinance defines an "open fence" as *"a fence including gates, which has, over its entirety, no less than 50% of the surface area in open space as viewed from an angle of 90°, from the fence line."* The fences near the front facades of 6450 and 6454 North Kimball Avenues, indicated as #1 on the graphic to the right, are located in the side yard and are subject to this regulation. However, each existing fence is six-feet tall and is considered a "solid" fence.




**1) Non-compliant side yard fences**
**2) Non-compliant corner side yard fences**

Section 3.13(11)h states that *"on a corner lot open and semiprivate fences not more than four feet in height may be erected in a corner side yard but only to a line which is perpendicular to the rear face of the residence and shall align with the front facing facade."* Based on this regulation, the fence must be at least 33% open. The fence to the west of the garage at 6454 North Kimball Avenue, indicated as #2 on the graphic above, is located along the corner side yard. However, the fence is six-feet tall and is considered a "solid" fence.

**Public Hearing**

Chairman O'Brien swore in the Petitioner, Mr. Aaron Kraft, of 6454 North Kimball Avenue.

Petitioner Aaron Kraft reiterated his family's safety as the main reason for requesting relief from the Zoning Code. Mr. Kraft noted that there were other corner lots with non-compliant fences in the Village. However, Commissioner Hussain stated that the fences on other properties could have been installed before the current Zoning Codes were adopted.

Chairman O'Brien asked Mr. Kraft to define his specific hardship. Mr. Kraft stated his hardships include lack of privacy, safety for his children, and religious reasons as it requires his wife to be fully observant of religious customs since she is in view of the public.

Chairman O'Brien asked if anyone in the audience would like to address the Zoning Board of Appeals regarding this issue. Mr. Hatzopoulos, 6446 North Kimball Avenue, asked for clarification as to what fence was under consideration. Upon being satisfied with the clarification, he had no other comments.

Commissioner Keller questioned Mr. Kraft regarding the chronology of events leading up to the installation of the solid fence and stated that not knowing a permit is required is not a reason to ask for a Variation. Mr. Kraft replied that not knowing a permit was required was not part of his stated hardship. Chairman O'Brien agreed with Commissioner Keller that Mr. Kraft's stated hardships are typical of corner lots. Chairman O'Brien commented that landscaping could provide the screening he seeks. Mr. Kraft agreed that landscaping could provide privacy but cannot solve the safety issues.

**Zoning Board of Appeals Recommendation**
Generally, the Zoning Board of Appeals felt that a hardship had not been demonstrated and standards for a Variation had not been met. A motion recommending denial of the Variation request was unanimously passed by a vote of 6-0. (Commissioner Nickell recused himself from this case due to a third party relationship with the Petitioner.)

**Petitioner Considerations**
On January 30, 2018, the petitioner submitted to the Community Development Department a letter addressed to Village Board Trustees. The letter, which is included at Attachment #7 to this report, presents considerations that the petitioner feels is relevant to the requested Variation.

**FINANCIAL IMPACT:**
None

**DOCUMENTS ATTACHED:**
1. September 27, 2017 Zoning Board of Appeals Minutes Excerpt
2. September 27, 2017 Staff Report to Zoning Board of Appeals
3. Public Hearing Variation Application
4. Petitioner Photographs of 6450 and 6454 North Kimball Avenues
5. Plat of Survey for 6454 North Kimball Avenue
6. Relevant Code Standards
7. Petitioner Letter to the Village Board
8. October 17, 2017 Village Board Meeting PowerPoint Presentation

**RECOMMENDED MOTION**:
**Move to concur** with a recommendation by the Zoning Board of Appeals to deny a Variation request that would allow existing non-conforming fences to remain in the corner side yard and interior side yard of 6454 North Kimball Avenue, and in the interior side yard of 6450 North Kimball Avenue, and to direct the Village Attorney to draft a Resolution supporting this motion.

***DRAFT*** **MEETING MINUTES**
**OF THE**
**ZONING BOARD OF APPEALS**
**SEPTEMBER 27, 2017 – 7:00 P.M.**

**LINCOLNWOOD VILLAGE HALL**
**COUNCIL CHAMBERS**
**6900 NORTH LINCOLN AVENUE**
**LINCOLNWOOD, ILLINOIS 60712**

**MEMBERS PRESENT:**
Chairman Kathy O'Brien
Paul Grant
Paul Heller (Arrived after Call to Order)
Rizwan Hussain
Martina Keller
Chris Nickell
Kirill Vorobeychik (Arrived after Call to Order)

**MEMBERS ABSENT:**

**STAFF PRESENT:**
Doug Hammel, AICP, Community Development Manager

## I. Call to Order

Chairman O'Brien noted a quorum of five members and called the meeting to order at 7:00 p.m.

## II. Pledge of Allegiance

## III. Approval of Minutes

**Motion to approve** the August 16, 2017 Zoning Board of Appeals Minutes was made by Commissioner Grant and seconded by Commissioner Keller.

**Aye: Grant, Keller, Hussain, Nickell, and O'Brien**
**Nay: None**
**Motion Approved: 5-0**

## IV. Case #ZB-11-17: 6450 and 6454 North Kimball Avenue – Fence Variations

Chairman O'Brien announced Case #ZB-11-17 for consideration of a request by Aaron Kraft, property owner of 6454 North Kimball Avenue, and David Goldberg, property owner of 6450 North Kimball Avenue, to allow existing non-compliant fences to remain in place in the side

yard of each property and in the rear yard of 6454 North Kimball Avenue. The requested approval requires the following Variations: 1) to allow a six-foot-tall wooden fence in the side yard and rear yard at 6454 North Kimball Avenue; 2) to allow solid fences in a residential district at 6454 North Kimball Avenue; 3) to allow a six-foot-tall wooden fence in the side yard at 6450 North Kimball Avenue; and 4) to allow a solid fence in a residential district at 6450 North Kimball Avenue. Development Manager Hammel noted that Mr. Kraft would also be representing Mr. Goldberg in this case.

Commissioner Nickell recused himself from this case due to a business relationship with one of the Petitioners.

Development Manager Hammel stated the property at 6454 North Kimball Avenue received a building permit for an addition in 2015 which resulted in damage to fences on both properties which were subsequently replaced without a building permit. The definitions for open fences and semi-private fences were presented for review.

The corner side yard of 6454 North Kimball Avenue has a six-foot-tall solid fence where a four-foot-tall semi-private fence is permitted. The interior side yards of both 6450 and 6454 North Kimball Avenue have a six-foot-tall solid fence where a four-foot-tall semi-private fence is permitted. Considerations for relief expressed by the Petitioners include security, privacy, and protection from vehicular noise and traffic.

The Standards for Granting Variations and precedent cases were presented for review and discussion. No public comment was received regarding this request.

Petitioner Aaron Kraft reiterated his family's safety as the main reason for requesting relief from the Zoning Code. Mr. Kraft noted that there were other corner lots with non-compliant fences in the Village. Chairman O'Brien asked Mr. Kraft to define his specific hardship. Mr. Kraft stated his hardships include lack of privacy, safety for his children, and religious reasons as it requires his wife to be fully observant of religious customs since she is in view of the public.

Chairman O'Brien asked if anyone in the audience would like to address the Zoning Board of Appeals regarding this issue.

Mr. Hatzopoulos, 6446 North Kimball Avenue, asked for clarification as to what fence was under consideration.

Commissioner Keller questioned Mr. Kraft regarding the chronology of events leading up to the installation of the solid fence and stated that not knowing a permit is required is not a reason to ask for a Variation. Mr. Kraft replied that not knowing a permit was required was not part of his stated hardship. Chairman O'Brien agreed with Commissioner Keller that Mr. Kraft's stated hardships are typical of corner lots. Chairman O'Brien commented that landscaping could provide the screening he seeks. Mr. Kraft agreed that landscaping could provide privacy but cannot solve the safety issues.

Commissioner Hussain asked Mr. Kraft if he was compensated by the contractors for the fence damage. Mr. Kraft replied he was not compensated. Commissioner Hussain spoke to Mr.

Kraft's testimony about other properties with solid fences in that these fences may have been installed before the current Zoning Codes were adopted. Commissioner Hussain also mentioned there are child safety latches which Mr. Kraft can install on his gate to address the safety issue.

Commissioner Heller asked Mr. Kraft if he has tried to contact the contractor who installed the fence. Mr. Kraft replied that he has tried multiple times to contact them without success.

**Motion to recommend denial** of the proposed fence Variation in Case #ZB-11-17 was made by Commissioner Keller and seconded by Commissioner Grant. This motion will be heard at the October 17, 2017 Village Board meeting.

**Aye: Keller, Grant, Heller, Hussain, Vorobeychik, and O'Brien**
**Nay: None**
**Abstained: Nickell**
**Motion Approved: 6-0**

## V. Case #ZB-12-17: 3620 West North Shore Avenue – Building Coverage Variation

Chairman O'Brien announced Case #ZB-12-17 for consideration of a request by Andrew Venamore, Petitioner, on behalf of Van Huynh, property owner, to allow the construction of a garage that would exceed the overall permitted building coverage to 36.6% rather than the 35% permitted by the Zoning Code.

Development Manager Hammel stated the proposed two-car garage requires a Variation to allow for total building coverage greater than 35 percent. The existing total building coverage is 1,694-square feet or 34.2 percent, and the Petitioner is proposing a two-car garage which would increase the total building coverage to 1,813-square feet or 36.6 percent. This proposed increase would have minimal impact on neighboring properties, is compliant with all other Code requirements, and would enhance the aesthetics along North Shore Avenue.

The Standards for Granting Variations and precedent cases were presented for review and discussion. No public comment was received regarding this request.

Mr. Venamore stated the owner's request is to replace the existing one-car garage with a standard two-car garage. The current garage is in disrepair and cannot be used for vehicular storage. The homeowner is asking for a Variation as a basic two-car garage could not be built without the 1.6% increase in lot coverage.

Chairman O'Brien asked if anyone in the audience would like to address the Zoning Board of Appeals regarding this issue. Let the record state that no one came forward.

Chairman O'Brien stated that, in the past, the Zoning Board of Appeals has deemed that a two-car garage is the minimum standard.

Return to VB Agenda

# Zoning Board of Appeals Staff Report
# Case #ZB-11-17
**September 27, 2017**




**Subject Property:**
**6450 and 6454 North Kimball Avenue**

**Zoning District:** R-3, Residential

**Petitioner:** Aaron Kraft, property owner of 6454 North Kimball, on behalf of his property and David Goldberg, property owner of 6450 North Kimball Avenue

**Requested Action:** Variations to allow existing non-conforming fences to remain in the side yards of each property and in the rear yard of 6454 North Kimball Avenue

**Nature of Request:** The Petitioner seeks a Variation to allow existing non-conforming fences on each property to remain in place. The fences require the following Variations: 1) to allow a six-foot-tall wooden fence in the side yard and rear yard at 6454 North Kimball Avenue; 2) to allow solid fences in a residential district at 6454 North Kimball Avenue; 3) to allow a six-foot-tall wooden fence in the side yard at 6450 North Kimball Avenue; and 4) to allow a solid fence in a residential district at 6450 North Kimball Avenue.

**Notification:** Notice was published in the Lincolnwood Review on September 7, 2017, a Public Hearing Sign installed at 6450 and 6454 North Kimball Avenues, and Legal Notices were mailed on September 6, 2017 to properties within 250 feet.

## Relevant History

In January 2015, a building permit (permit #150003) was issued for 6454 North Kimball Avenue for a second floor addition. During the course of construction, some existing fences were damaged on both 6454 North Kimball Avenue and 6450 North Kimball Avenue. The contractor suggested replacing the fences, but did so without procuring a new fence permit or ensuring that the installed fence met the Village's zoning or building standards.



**Non-compliant corner side yard fence at 6454 North Kimball Avenue**

The installed fences include the following:

- A six-foot-tall solid wood fence along the rear property line of 6454 North Kimball Avenue, which is permitted due to its location along an alley;
- A six-foot-tall solid fence along the corner side lot line of 6454 North Kimball Avenue, which is non-compliant because it is taller than four feet and less than 33% open;
- A six-foot-tall solid fence in the interior side yard of 6454 North Kimball Avenue, which is non-compliant because it is taller than four feet and less than 50% open; and
- A six-foot-tall solid fence in the interior side yard of 6450 North Kimball Avenue, which is non-compliant because it is taller than four feet and less than 50% open.



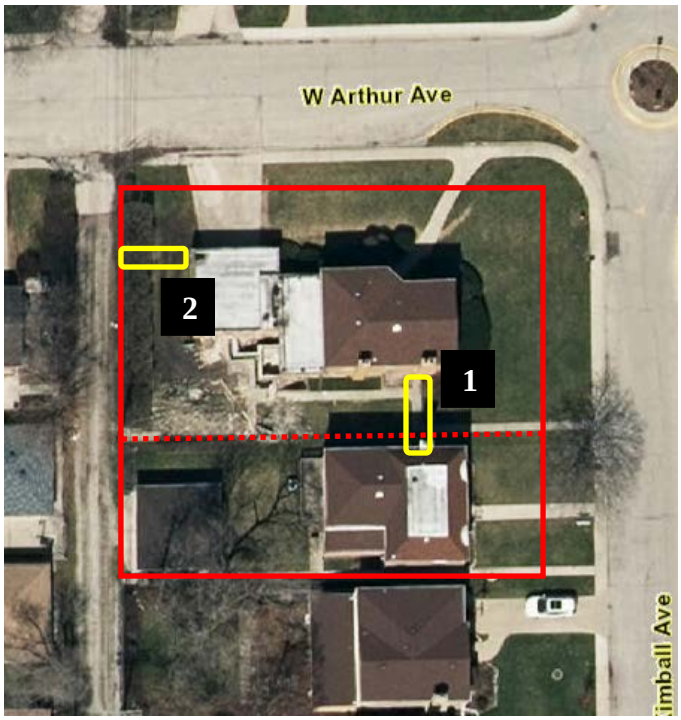

**Non-compliant interior side yard fences at 6450 and 6454 North Kimball Avenues**

In November 2016, the Petitioner submitted a fence permit application in order to be compliant with Village procedures. However, the application was denied because the design characteristics of the installed fence, which were the basis for the fence characteristics described in the fence permit application, are not compliant with the Village Zoning Ordinance.

## Requested Relief:

The Petitioner is seeking relief from two regulations contained within the Village's zoning ordinance.

Section 3.13(11)*c states that "open fences of all types allowed by this regulation not more than four feet in height are allowed in side yards."* The zoning ordinance defines an "open fence" as *"a fence including gates, which has, over its entirety, no less than 50% of the surface area in open space as viewed from an angle of 90°, from the fence line."* The fences near the front facades of 6450 and 6454 North Kimball Avenues, indicated as #1 on the graphic to the right, are located in the side yard and are subject to this regulation. However, each fence is six-feet tall and is considered a "solid" fence.




1) **Non-compliant side yard fences**
2) **Non-compliant corner side yard fences**

Section 3.13(11)h states that *"on a corner lot open and semiprivate fences not more than four feet in height may be erected in a corner side yard but only to a line which is perpendicular to the rear face of the residence and shall align with the front facing facade."* Based on this regulation, the fence must be at least 33% open. The fence to the west of the garage at 6454 North Kimball Avenue, indicated as #2 on the graphic above, is located along the corner side yard. However, the fence is six-feet tall and is considered a "solid" fence.

## Petitioner Considerations:

In his application for the requested Variation, the Petitioner cited the need for safety and privacy as the primary impetus for the request. In addition to the desire for a general sense of privacy, the Petitioner noted several characteristics that increase the amount of public vehicular and pedestrian traffic adjacent to his property. The characteristics include the alley along the west property line, a bus stop location for schools and camps that attracts children and parents to the intersection, and the traffic circle that results in areas where people frequently pull over to make phone calls or park while taking care of other tasks.

### Variation Standards

*Section 5.15(7) Major Variations* of the Village Zoning Ordinance identifies eight standards related to this case to be used in determining "whether in a specific case there are practical difficulties or particular hardships in the way of carrying out the strict letter of this Zoning Ordinance." These Standards are provided as an attachment to this report.

## Public Comment

The Village has received no public comment regarding this case.

## Conclusion

The Petitioner is seeking zoning relief to allow an existing non-conforming fence to remain in the north and south side yards. This request is based on several factors including the location of external utilities, accessibility to and the ability to screen trash bins, and the aesthetic character of neighboring fences.

## Related Variation Requests Considered Since 2011

Cases with some relevance to this request are summarized below. These cases relate to requests for existing non-compliant fences to remain, or fences in corner side yards of a more "solid" nature or taller height than what is allowed. These have been included because they are cases that pertain to fences visible from the public street.

6850 North Lowell Avenue (2017)

The property owner sought approval to maintain an existing fence that was installed in a non-compliant manner at the property commonly known as 6850 North Lowell Avenue. The fence was installed as part of a larger improvement, but did not meet standards for openness or setback from the front façade. Through the course of ZBA deliberations, the request was modified to include a Variation from the openness requirements for fences along the side lot line, but not for the fences parallel to the front façade of the home. The request maintained the Variation regarding setback from the front façade of the home. The ZBA found that relocating the fence to meet the required setback would expose utilities and trash toters. Ultimately, the fences along the side lot lines were permitted to remain as installed, while the fences parallel to the front façade of the home were required to be replaced with a 50% open design.

***ZBA Recommendation: Approval of the modified Variation request by a 3-1 vote***

6546 North Sauganash Avenue (2013)

The property owner sought approval of a new fence at the property commonly known as 6546 North Sauganash Avenue. The property owner installed the fence without a permit and received a citation for the illegal fence. In response, the property owner sought Village approval for the desired fence. The fence was a six-foot-tall board-on-board design located in the corner side yard.

***ZBA Recommendation: Denial of the Variation request by a 6-0 vote***

6402 North Kolmar Avenue (2012)

The property owner sought approval to replace an existing fence at 6402 North Kolmar Avenue. The existing fence had fallen into disrepair and the property owner wished to install a five-foot-high board-on-board fence in the same location as the existing fence. During deliberation, the ZBA asked that the Petitioner provide additional natural screening along the fence and additional foundation to ensure its integrity in the wind. Despite these conditions being agreed to by the property owner, the request was not approved.

***ZBA Recommendation: Denial of the Variation request by a 3-2 vote***

## Documents Attached

1. Zoning Variation Application
2. Petitioner Photographs of 6450 and 6454 North Kimball Avenue
3. Plat of Survey for 6454 North Kimball Avenue
4. Relevant Code Standards

# VILLAGE OF LINCOLNWOOD Public Hearing Application
## Community Development Department Variations

## SUBJECT PROPERTY

Property Address: 6454 N Kimball Ave

Permanent Real Estate Index Number(s): 10-35-421-014-0000

Zoning District: R4 Lot Area: 8558

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

fence, attached garage

Are there existing development restrictions affecting the property? ___ Yes X No

(*Examples: previous Variations, conditions, easements, covenants*) If yes, describe: ___

## REQUESTED ACTION

- ☒ Variation – Residential
- ☐ Variation – Non-Residential
- ☐ Variation – Off-Street Parking
- ☐ Variation – Design Standards
- ☐ Variation – Signs/Special Signs
- ☐ Minor Variation
- ☐ Other

## PROJECT DESCRIPTION

Describe the Request and Project: 6 ft. privacy fence

## PROPERTY OWNER/PETITIONER INFORMATION

**Property Owner(s):** *(List all Beneficiaries if Trust)*

Name: Aaron Kraft

Address: 6454 N Kimball Ave

Telephone: (201) 937-2180 Fax: (n/a) E-mail: aaron2kraft@gmail.com

**Petitioner:** *(if Different from Owner)*

Name: ___ Relationship to Property: ___

Address: ___

Telephone: (___) ___ Fax: (___) ___ E-mail: ___

## NOTICE OF REASONABLE ACCOMMODATION PROCESS

An alternate process is provided by the Village for persons with disabilities or handicaps who seek a Reasonable Accommodation from the Zoning Code regulations in order to gain equal access to housing. If you seek a Reasonable Accommodation from the Zoning Code based on disability or handicap, do not complete this application form, but rather a separate application for Reasonable Accommodation. For more information on this process, consult Section 4.06(3) of the Zoning Code, or contact the Community Development Department at 847.673.7402.

## REQUIRED ATTACHMENTS *

Check all Documents that are Attached:

| | | | |
|---|---|---|---|
| Plat of Survey | | Applicable Zoning Worksheet | n/a |
| Site Plan | n/a | Photos of the Property | |
| Proof of Ownership | | PDF Files of all Drawings | n/a |
| Floor Plans | n/a | Elevations | n/a |

**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 severely 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: Aaron Kraft

Address: 6454 N Kimball Ave

City, State, Zip: 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 also understand that if I desire a Reasonable Accommodation from the Zoning Code based on disability or handicap, that I must complete and submit a different application for consideration and by submitting this application for a Variation, I am attesting that I am not seeking a Reasonable Accommodation. 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

Aaron Kraft

Print Name

8/24/17

Date

**PETITIONER:** *(if Different than Property Owner)*

Signature

Print Name

Date

## VARIATION STANDARDS

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

1. The requested Variation is consistent with the stated intent and purposes of the Zoning Ordinance and the Comprehensive Plan.

see attached answers to all questions

2. The particular physical surroundings, shape or topographical conditions of the subject property would bring a particular hardship upon the owner, as distinguished from a mere inconvenience, if the strict letter of this Zoning Ordinance is enforced.

3. The conditions upon which the petition for the Variation is based would not be applicable generally to other property within the same Zoning District.

4. The Variation is not solely and exclusively for the purpose of enhancing the value of or increasing the revenue from the property.

## VARIATION STANDARDS (Continued)

5. The alleged difficulty or hardship has not been created by any person presently having an interest in the property.

6. The granting of the Variation will not be detrimental to the public welfare or injurious to other property or improvements in the neighborhood in which the property is located.

7. The Variation granted is the minimum change to the Zoning Ordinance standards necessary to alleviate the practical hardship on the subject property.

8. The proposed Variation will not impair an adequate supply of light and air to adjacent property, or substantially increase the danger of fire, or otherwise endanger the public safety, or substantially diminish or impair property values within the neighborhood.

1. The stated purpose of the Zoning Ordinance acknowledges that fences are a means to achieve safety, privacy and should be aesthetically pleasing. My variation request is being made in order to provide adequate safety and privacy for my property and the residents thereof by means of a fence that is also aesthetically pleasing. Furthermore, there are numerous properties (addresses and pictures can be provided upon request) in the Zoning District that have similar fences to the one being requested in this variation application, which indicates that the request is certainly in harmony with the norms in this Zoning District.

2. Following the strict letter of the Zoning Ordinance would result in particular hardship for a number of reasons generally related to the rights of privacy and safety. The strict application of the ordinance (as it was explained to me by the development office staff) would require that the majority of the back yard be exposed to the street (both car and pedestrian traffic). This denies the residents of this property privacy and creates a potential safety hazard in that young children playing in the yard would be visible to passersby as well as more easily distracted by happenings in the street. This is of particular hardship in that the proximity of the alley (abutting the property and across the street from the property) has proven to bring more people to the vicinity of the yard as neighbors and/or others congregate in the alley to access and or work in garages etc. The more regular presence of people in the alleys results in less privacy and greater need for a variance to allow for a private fence on all open sides of the yard.

   Moreover, the corner where this property is located is used as a bus pick-up and drop-off location for schools and camps. This results in children, young adults as well as parents and guardians congregating (to be picked up or waiting for those being dropped off) around this property. It is burdensome for a resident in his or her yard to be subject to the invasion of privacy by those waiting for the bus at different points in the day.

   Lastly, there is a traffic circle at this corner with a small alcove in which is it is convenient for vehicles to pull over to make phone calls etc. This results in higher likelihood that strangers will be right outside of the property and therefore able to see into the yard without adequate privacy being provided by a fence.

3. These hardships are not necessarily applicable to other similar properties in the Zoning District. Many corner properties do not actually have back yards that are large enough for use by the property's residents. This makes the need for privacy in such lots moot. Some lots that have similar sized yards and similar concerns for privacy actually do have fences similar to the one being requested, evidencing that this variation request is justified and necessary. And it is worth noting that even these properties with more private fences do not share all of the above listed considerations (and still have more private fencing).

4. The variation is not for the purpose of enhancing the value of or increasing the revenue from the property.

5. The difficulty or hardship has not been created by any person presently having an interest in the property. In fact, the hardships described above are not created by any one particular individual, but rather a result of the conditions on the ground.

6. The granting of the variation will not be detrimental to the public welfare or injurious to other property or improvements to the neighborhood.

7. The variation is the minimum change to the Zoning Ordinance necessary to alleviate the hardships. There is a need for privacy and safety. The only way to achieve that safely is with a privacy fence six feet in height as is being requested. Any alternative option would not sufficiently provide the privacy or safety that Lincolnwood residents are fortunate enough to enjoy. Shorter fences do not provide adequate privacy. Even if hedges would also be utilized, they do not provide full privacy and having a short fence is not safe as young children can easily reach the latch and open the fence (from either the inside or the outside, which means that even if residing children do not open latch neighboring children who are outside might).

8. The proposed variation will not impair supply of light or air to adjacent property or increase the danger of fire or endanger public safety or diminish property values. It is a fence that impacts the property requesting the variation only and does nothing more than provide adequate privacy and safety to the residents of this property allowing them to utilize their backyard like any other resident of Lincolnwood.









# PLAT OF SURVEY

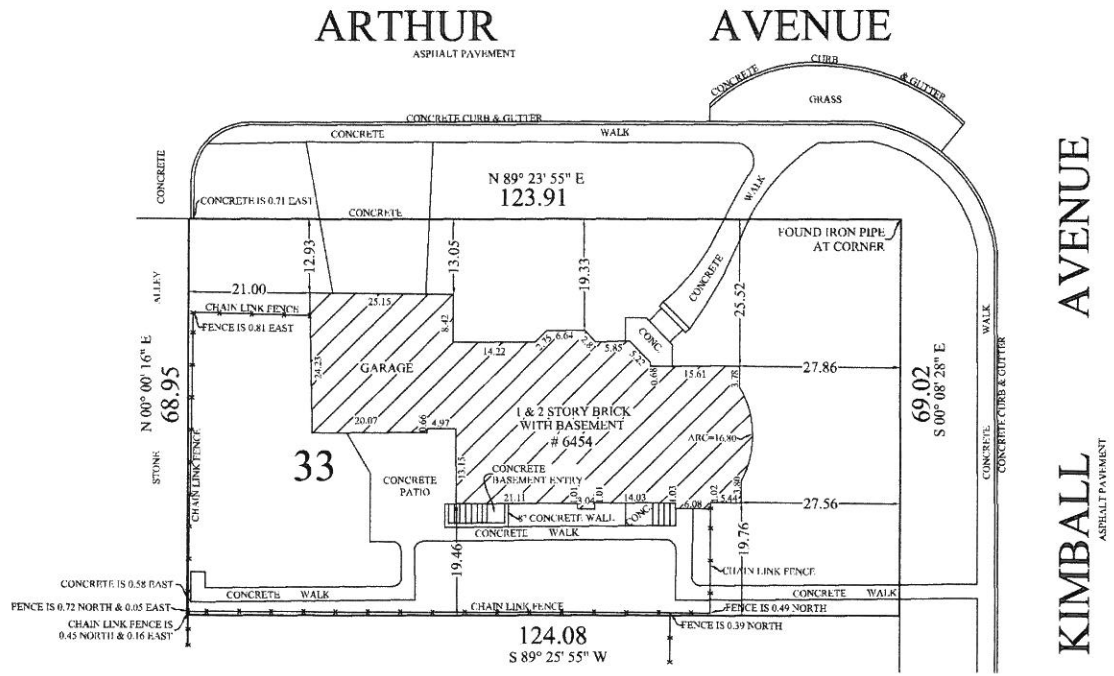
-BY-
SAMBORSKI, MATTIS, INC.
LAND SURVEYORS
4332 OAKTON STREET SKOKIE, IL 60076
PH: (847) 674- 7373 FX: (847) 674-7385

OF

LOT 33 IN DEVON-KIMBALL MANOR SUBDIVISION BEING A SUBDIVISION OF THE WEST 1/2 OF BLOCK 2 AND ALL OF BLOCK 3 IN ENDERS AND MUNRO'S SUBDIVISION OF PART OF THE SOUTH 1/2 OF THE SOUTH 1/2 OF THE SOUTH EAST 1/4 OF SECTION 35, TOWNSHIP 41 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

N

SCALE 1 INCH = 15 FEET




Order No. : 68-14

Ordered By: RAY FLEISCHER & FOX

P.I.N. : 10-35-421-014-0000

Property Address: 6454 KIMBALL, LINCOLNWOOD

Measurements are shown in feet and decimals and are correct at 68 degrees Fahrenheit.
Note:
1. Please check Legal Description with Deed and report any discrepancies immediately.
2. Compare all points before building by same and report any discrepancies at once.
3. Building lines, if any, shown hereon are building lines shown on the recorded subdivision plat.
4. Consult local authorities for building lines established by local ordinance.
5. No dimensions are to be assumed by scaling.
6. Coordinate and Bearing Datums are assumed unless otherwise noted.
7. R = Record Dimension M = Measured Dimension

STATE OF ILLINOIS )
COUNTY OF COOK ) SS

This is to certify that this Professional Service conforms to the current Illinois Minimum Standards of Practice applicable to boundary surveys. Field work completed this 30th day of JULY, A.D. 2014.

Michael J. Mattis Illinois Professional Land Surveyor No. 2164
Illinois Professional Land Survey Firm No. 184.002779

License expires 11/30/2014

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# Attachment #3: Relevant Code Sections

## Section 2.02. Definitions

FENCE, OPEN or OPEN FENCE: A fence including gates, which has, over its entirety, no less than 50 percent of the surface area in open space as viewed from an angle of 90 degrees, from the fence line. Examples include, but are not limited to: chain link; wrought iron; picket; Kentucky rail; or split rail.

FENCE, SEMIPRIVATE or SEMIPRIVATE FENCE: A fence which is not a solid fence nor an open fence, and including, without limitation, shadow box and louvered fences; provided, however, that "semi-private fence" does not include any louvered fence for which (i) the gaps between the fence boards are less than 50 percent of the board width; (ii) the angle of the boards exceeds a fifty-degree angle, from horizontal or vertical; or (3) it is possible to see from one side of the fence through to the other side.

## Section 3.13(11) Fence types and height in residential districts.

c. Open fences of all types allowed by this regulation not more than four feet in height are allowed in side yards.

h. On a corner lot open and semi-private fences not more than four feet in height may be erected in a corner side yard but only to a line which is perpendicular to the rear face of the residence and shall align with the front facing facade.

## Section 5.15 Major Variations

(7) Standards. In determining whether in a specific case there are practical difficulties or particular hardships in the way of carrying out the strict letter of this Zoning Ordinance, there shall be taken into consideration the extent to which the following facts are established:

a. The requested Major Variation is consistent with the stated intent and purposes of this Zoning Ordinance and the Comprehensive Plan;
b. The particular physical surroundings, shape or topographical conditions of the subject property would bring a particular hardship upon the owner, as distinguished from a mere inconvenience, if the strict letter of this Zoning Ordinance is enforced;
c. The conditions upon which the petition for the Variation is based would not be applicable generally to other property within the same zoning district;
d. The Variation is not solely and exclusively for the purpose of enhancing the value of or increasing the revenue from the property;
e. The alleged difficulty or hardship has not been created by any person presently having an interest in the property;
f. The granting of the Variation will not be detrimental to the public welfare or injurious to other property or improvements in the neighborhood in which the property is located;
g. The Variation granted is the minimum change to the Zoning Ordinance standards necessary to alleviate the practical hardship on the subject property; and
h. The proposed Variation will not impair an adequate supply of light and air to adjacent property, or substantially increase the danger of fire, or otherwise endanger the public safety, or substantially diminish or impair property values within the neighborhood.

To the Lincolnwood Village Board of Trustees:

The purpose of this document is to clarify the request I am making from the Village Board as well as to provide some additional information relevant to that variance request. I acknowledge that due to misinformation, I made a mistake and allowed workers to erect a fence on my property without procuring a proper permit. I apologize for that error and aim to work to resolve the issue at hand – namely that two portions of the fence do not comply with code.

This variance request is not to seek relief for our mistake. In fact, I am willing to have the workers return and remove the non-compliant fence and erect it again with a proper permit. I am asking that we be granted a variance so that we can still achieve our initial goal of providing safety and privacy to our backyard.

My submitted application sites the purpose for seeking the variance as well as some of the factors and circumstances relevant to that request (bus-stop, added alleyway activity as well as traffic circle that add to the amount of pedestrian traffic around my property). I ask that the variance be considered in light of these factors as if the violation was never committed because I am totally willing to remove the non-compliant fence and re-erect it or pay a fine for the violation.

I attached several properties in Lincolnwood with fences similar to the fence that I am requesting in my variance. The pictures reflect addresses that have either 6 foot high fences and/or privacy fences on interior side yards and/or corner side yards. Many of these fences were erected since I have moved to Lincolnwood four and a half years ago. None of these were presented as precedent cases in front of the ZBA at the hearing when my variance application was heard, but I believe they should be considered as precedents. Additionally, there were three precedent cases that were presented at the ZBA hearing, all of which had been denied. One of the three properties (6402 North Kolmar), however, still has the 6 foot privacy fence on the corner side yard (but that was not noted at the hearing). I believe that these additional cases further support the variance request by providing precedent for the type of fence I am requesting.

I am simply trying to achieve a responsible level of safety and privacy in my yard for my children. Every resident in Lincolnwood deserves the right to privacy in their yard especially when young children are at play. In this day and age, it is not safe for a passersby to easily see young children at play in a backyard. Having a three foot fence along the interior side yard as well as the corner side yard would result in almost complete exposure of my yard denying my family any privacy. Even if additional screening were provided, the gate being three or four feet would allow for more accessible vision into the yard from the street and would not be “child-proof” (even a young child can reach the latch on such a low gate).

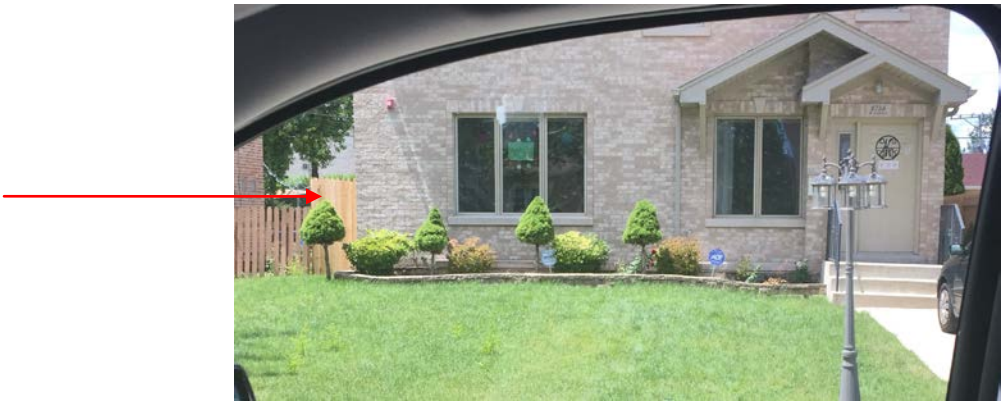
As stated above, I am in total agreement that action should be taken even if granted the variance to remedy the mistake that the fence was originally erected without a permit. I am also willing to provide additional natural screening in front of the fence if the board feels that would make the requested fence more acceptable. I thank you for your consideration.

Below are some of the cases I would like to bring to your attention in support of my variance request:

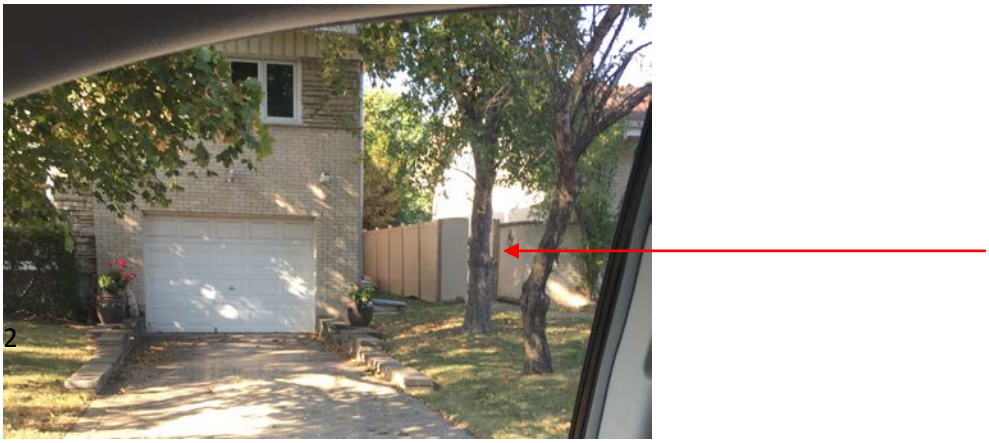
(1) 3401 North Shore (view from Kimball) – 6 foot semi-private fence on interior side yard (of corner lot)



(2) 6738 Trumbull (view from Trumbull) – 6 foot privacy fence in interior side yard (see arrow)



(3) 3300 Northshore Avenue – 6 foot privacy fence in interior side yard



(4) 3451 north shore (view from northshore) – 6 foot privacy fence in corner side yard



(5) 6812 Kenneth – 6 foot privacy fence in corner side yard and interior side yard





(6) 6721 Kimball – 6 foot privacy fence in corner side yard



(7) 6601 Trumbull Avenue – privacy fence in corner side yard (5 feet high?)



6601 Trumbull – 6 foot privacy fence interior side yard



(8) 6416 Trumbull – 6 foot privacy fence interior side yard



(9) 6415 Christiana – 3 foot privacy fence interior side yard



(10) 6509 Kimball – 4 foot privacy fence interior side yard



Return to VB Agenda

## Case #ZB-11-17

# Fence Variations

# Fence Heights and Solid Fences

6450 and 6454
North Kimball Avenue

Return to VB Agenda

# Regulatory Context

- R3 Residential
- 2015 Building Permit for 6454 N Kimball resulted in damaged fences
- Fences on both properties were replaced without a permit



Return to VB Agenda

# Existing Fences

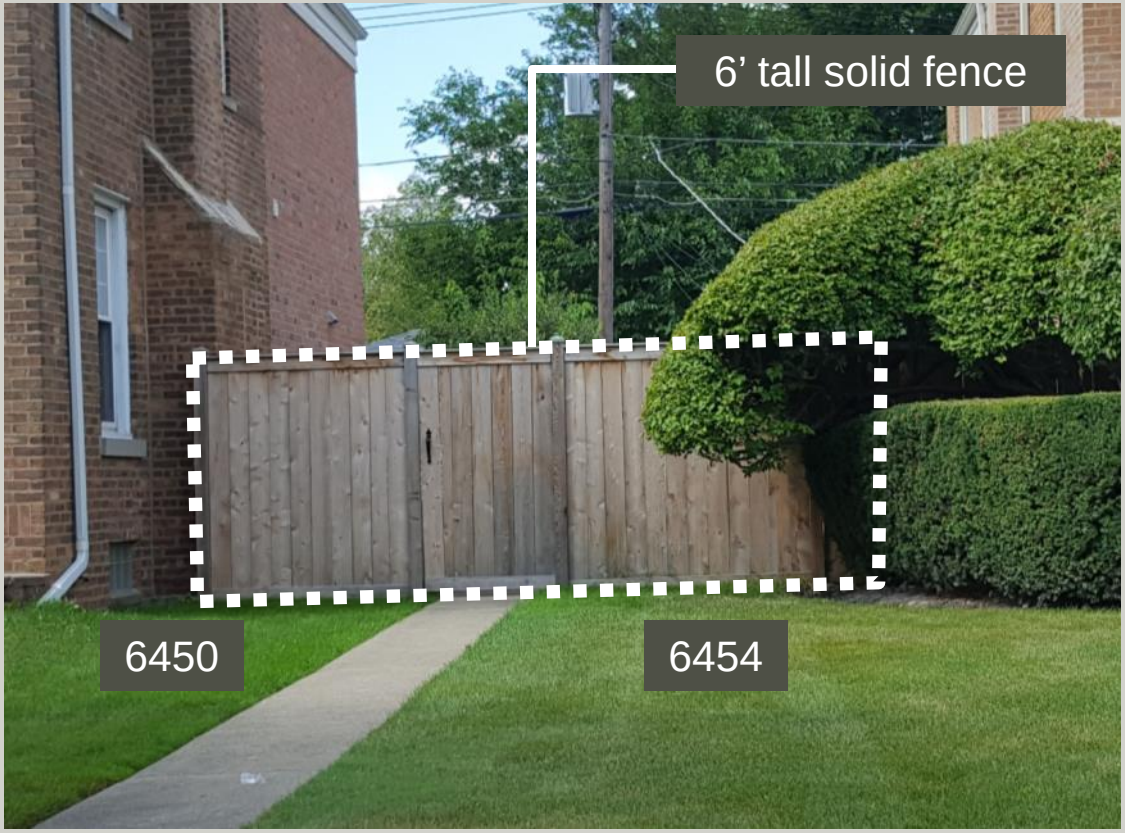
- Corner side yard of 6454 N Kimball
- 6’-tall solid fence
  - 4’-tall “semi-private” permitted



Return to VB Agenda

# Existing Fences

- Interior side yards of 6450 and 6454 N Kimball
- 6’-tall solid fence
  - 4’-tall “open” permitted



Return to VB Agenda

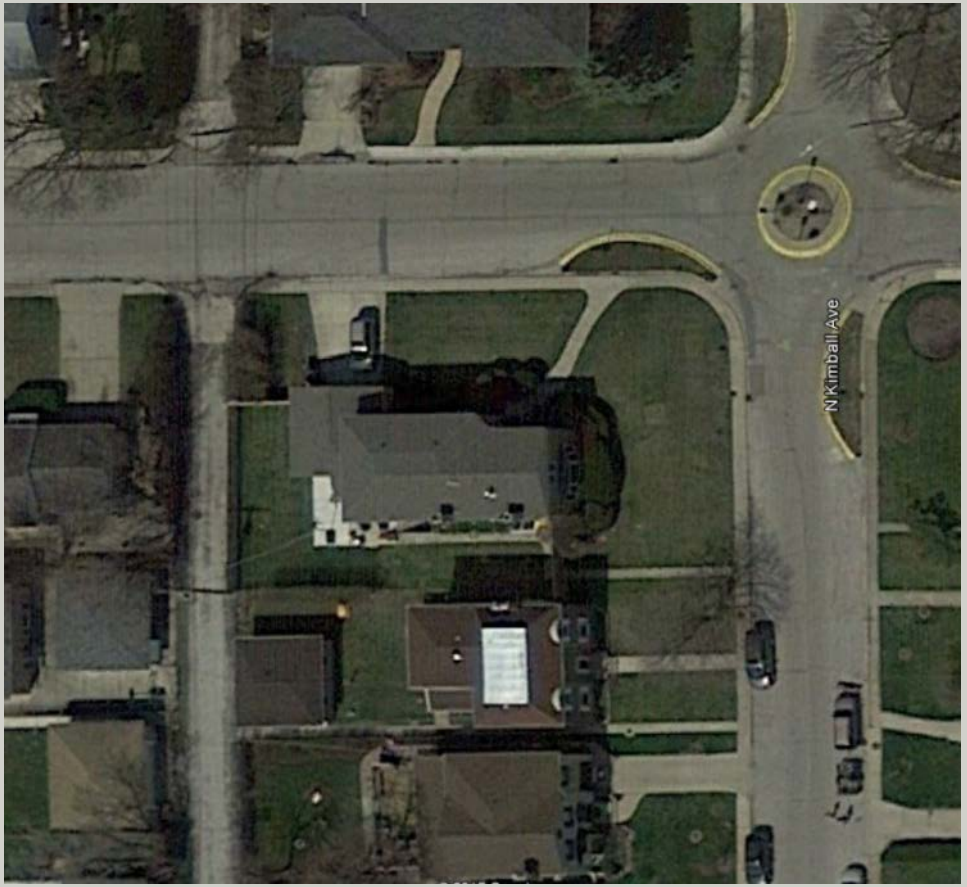
# Required Variations

- Section 3.13(11)c
  - "***Open fences*** *of all types allowed by this regulation* ***not more than four feet*** *in height are allowed in side yards."*
    - 6'-tall solid fences are *not* permitted in interior side yards
- Section 3.13(11)h
  - "*On a corner lot* ***open and semiprivate fences not more than four feet in height*** *may be erected in a corner side yard..."*
    - 6'- tall solid fences are *not* permitted in corner side yards

Return to VB Agenda

# Petitioner Considerations

- General sense of safety and privacy
- Alley along the west property line generates additional traffic
- Local bus stops
- Traffic circle and curbside vehicular standing areas



Return to VB Agenda

# Precedent Cases

**6850 North Lowell (2017)**

- 4’-tall semi-private fences along side yards and near front façade of the home
- Request modified through ZBA deliberations
  - Fences along front façade required to come into compliance as an “open” fence, but location could remain
- ZBA ***recommended approval*** of the modified variation request (3-1)
- Village Board concurred (6-0)

Return to VB Agenda

# Precedent Cases

**6402 North Kolmar (2012)**

- Replacement of a 5’-tall solid fence in the corner side yard
- ZBA imposed a condition for additional landscape screening, but then ***recommended denial*** of the variation (3-2)
- Village Board approved the request (6-0) with the condition that it be screened by arborvitae

**6546 North Sauganash (2013)**

- 6’-tall solid fence in the corner side yard
- ZBA ***unanimously recommended denial*** of the variation (6-0)
- No record of Village Board action (request may have been withdrawn)

Return to VB Agenda

# ZBA Discussion

- Public Hearing held on September 27
  - ZBA failed to find a hardship based on the considerations presented by the Petitioner
  - ZBA stated that landscaping could be used to provide privacy
    - Petitioner stated that landscaping would not provide desired level of security
  - ZBA found that the standards for a Variation had not been met

**ZBA unanimously recommended denial (6-0 vote) of the requested Variations**

Return to VB Agenda

# Requested Action

- ***Move to concur***

with the recommendation of the Zoning Board of Appeals to deny the requested Variations for fence height and openness

- Direct Village Attorney to draft a Resolution supporting this motion