VILLAGE OF LAKE BLUFF
BOARD OF TRUSTEES
REGULAR MEETING

Monday, March 14, 2016
7:00 P.M.
40 East Center Avenue
Village Hall Board Room

AGENDA

1. CALL TO ORDER AND ROLL CALL

2. PLEDGE OF ALLEGIANCE

3. CONSIDERATION OF THE MINUTES OF THE FEBRUARY 20, 2016 VILLAGE BOARD SPECIAL MEETING AND FEBRUARY 22, 2016 VILLAGE BOARD MEETING

4. NON-AGENDA ITEMS AND VISITORS

   The Village President and Board of Trustees allocate fifteen (15) minutes during this item for those individuals who would like the opportunity to address the Village Board of Trustees on any matter not listed on the agenda. Each person addressing the Village Board of Trustees is asked to limit their comments to a maximum of five (5) minutes.

5. VILLAGE BOARD SETS THE ORDER OF THE MEETING

   The Village President and Board of Trustees will entertain requests from anyone present on the order of business to be conducted during the Village Board Meeting.

6. VILLAGE FINANCE REPORT

   a) Warrant Report for March 1-15, 2016 and February 2016 Payroll Expenditures
   b) February 2016 Financial Report

7. VILLAGE ADMINISTRATOR'S REPORT

   a) An Informational Report Concerning the Management of Electronic Waste
   b) Request from the Lake Bluff Park District to Waive Building Permit Fees for the Paddle Court Lights at Blair Park

8. VILLAGE ATTORNEY'S REPORT

9. VILLAGE PRESIDENT'S REPORT

10. ACCEPTANCE OF THE CORRESPONDENCE

    Please note all correspondence was delivered to the Village Board of Trustees in the Informational Reports on February 19, 26 and March 4, 2016.

11. A RESOLUTION APPROVING A SITE PLAN REVIEW FOR A PROPOSED GENERATOR AND FENCE AT BLAIR PARK LOCATED AT 355 W. WASHINGTON AVENUE

12. A RESOLUTION APPROVING A SITE PLAN REVIEW FOR A FENCE AND LANDSCAPING FOR THE WADING POOL AT BLAIR PARK LOCATED AT 355 W. WASHINGTON AVENUE

13. A RESOLUTION APPROVING A SITE PLAN REVIEW FOR CHANGES TO THE EXTERIOR OF THE BUILDING FOR NORTHSHORE DERMATOLOGY LOCATED AT 925 SHERWOOD DRIVE

14. A RESOLUTION AUTHORIZING AND APPROVING EXECUTION OF A SMART-READY LED STREET LIGHTING PROGRAM PARTICIPATION AGREEMENT BETWEEN THE VILLAGE OF LAKE BLUFF AND COMMONWEALTH EDISON

15. A RESOLUTION AUTHORIZING AN ANIMAL/RABIES CONTROL AGREEMENT BETWEEN THE VILLAGE OF LAKE BLUFF AND THE LAKE COUNTY HEALTH DEPARTMENT

16. A RESOLUTION AUTHORIZING THE EXECUTION OF A CONSTRUCTION CONTRACT WITH SCHROEDER & SCHROEDER, INC OF SKOKIE, ILLINOIS, FOR THE VILLAGE OF LAKE BLUFF'S FY2016 PORTLAND CEMENT CONCRETE (PCC) SIDEWALK REPLACEMENT PROJECT

17. A PUBLIC HEARING CONCERNING THE VILLAGE OF LAKE BLUFF PROPOSED FISCAL YEARS 2017-18 BIENNIAL BUDGET

18. AN ORDINANCE ADOPTING THE BIENNIAL BUDGET FOR THE VILLAGE OF LAKE BLUFF FOR THE FISCAL YEARS COMMENCING MAY 1, 2016 AND ENDING APRIL 30, 2018

19. ORDINANCES ADOPTING UPDATED BUILDING REGULATIONS (Title 9 Lake Bluff Municipal Code)

20. AN ORDINANCE GRANTING VARIATIONS FROM THE VILLAGE'S MAXMUM FLOOR AREA AND SIDE YARD SETBACK REGULATIONS (611 E. Prospect Avenue)

21. TRUSTEE'S REPORT

22. EXECUTIVE SESSION

23. CONSIDERATION OF THE MINUTES OF THE FEBRUARY 22, 2016 EXECUTIVE SESSION MEETING

24. ADJOURNMENT

R. Drew Irvin
Village Administrator

The Village of Lake Bluff is subject to the requirements of the Americans with Disabilities Act of 1990. Individuals with disabilities who plan to attend this meeting and who require certain accommodations in order to allow them to observe and/or participate in this meeting, or who have questions regarding accessibility of the meeting or the facilities, are requested to contact R. Drew Irvin, Village Administrator, at 234-0774 or TDD number 234-2153 promptly to allow the Village of Lake Bluff to make reasonable accommodations.

VILLAGE OF LAKE BLUFF
BOARD OF TRUSTEES
SPECIAL MEETING
FEBRUARY 20, 2016

DRAFT MINUTES

1. CALL TO ORDER AND ROLL CALL

Village President O'Hara called the meeting to order at 8:30 a.m. at Bernie's Book Bank located at 917 North Shore Drive, and Village Clerk Aaron Towle called the roll.

The following were present:

Village President:	Kathleen O'Hara
Trustees:	Barbara Ankenman Steve Christensen Mark Dewart John Josephitis William Meyer
Absent:	Eric Grenier, Village Trustee Michael Croak, Building Codes Supervisor Jake Terlap, Public Works Superintendent
Also Present:	Aaron Towle, Village Clerk Drew Irvin, Village Administrator Jeff Hansen, Village Engineer David Belmonte, Police Chief Brandon Stanick, Assistant to the Village Administrator Franco Bottalico, Administrative Intern

2. NON-AGENDA ITEMS AND VISITORS

There were no requests to address the Board.

3. VILLAGE BOARD SETS THE ORDER OF THE MEETING

There were no requests to change the order of the meeting.

4. ITEM #4 – DISCUSSION REGARDING CAPITAL INITIATIVES

The Village Board received a presentation from Village Engineer Jeff Hansen regarding short and long term capital initiatives.

5. ITEM #6 – DISCUSSION REGARDING ECONOMIC DEVELOPMENT PROJECTS

Village Administrator Drew Irvin reviewed ongoing economic development initiatives with the Village Board.

6. ITEM #5 – DISCUSSION REGARDING COMMUNITY POLICING

Received a presentation from Police Chief David Belmonte regarding the Lake Bluff Police Department and community policing.

7. ITEM #5 – ADJOURNMENT

The meeting adjourned at 2:30 p.m.

Respectfully Submitted,

_____	_____
R. Drew Irvin	Aaron Towle
Village Administrator	Village Clerk

VILLAGE OF LAKE BLUFF
BOARD OF TRUSTEES
REGULAR MEETING
FEBRUARY 22 2016

DRAFT MINUTES

1. CALL TO ORDER AND ROLL CALL

Village President O'Hara called the meeting to order at 7:00 p.m. in the Lake Bluff Village Hall Board Room, and Village Clerk Aaron Towle called the roll.

The following were present:

Village President:	Kathleen O'Hara
Trustees:	Barbara Ankenman Steve Christensen Mark Dewart John Josephitis William Meyer
Absent:	Eric Grenier, Village Trustee
Also Present:	Aaron Towle, Village Clerk Drew Irvin, Village Administrator Peter Friedman, Village Attorney Marlene Scheibl, Assistant Finance Director Jeff Hansen, Village Engineer David Belmonte, Police Chief Jake Terlap, Public Works Superintendent Brandon Stanick, Assistant to the Village Administrator (A to VA)

2. PLEDGE OF ALLEGIANCE

President O'Hara led the Pledge of Allegiance.

3. CONSIDERATION OF THE MINUTES

Trustee Christensen moved to approve the February 8, 2016 Board of Trustees Meeting Minutes as presented. Trustee Josephitis seconded the motion. The motion passed on a unanimous voice vote.

4. NON-AGENDA ITEMS AND VISITORS

President O'Hara stated the Village President and Board of Trustees allocate fifteen minutes for those individuals who would like the opportunity to address the Village Board on any matter not listed on the agenda.

Mr. Tempel Smith, Jr., Mayor of the Village of Old Mill Creek (OMC), introduced himself and OMC Trustee Mr. Patrick Lamb, and expressed his community's interest in becoming a member of the Central Lake County Joint Action Water Agency (CLCJAWA). He stated the Village recently received an

allocation for 4,000 gallons per day which would cover approximately 1,000 homes. The community was included in the initial CLCJAWA group before the smaller group was formed, and since that time, has invested a significant amount of money and time in order to become a member. Mayor Smith provided background history of Old Mill Creek noting its equestrian and country image and stated the current population is approximately 178 residents. He advised of the land plan that was developed for the property and stated it is their intent to ensure the property is developed appropriately.

Mr. Lamb stated he understands the Village's need to be thoughtful about its resources and expressed his opinion OMC could be easily included because it is located near larger municipal communities that are currently being served by CLCJAWA. Mr. Lamb thanked the Board for allowing him time to speak.

5. VILLAGE BOARD SETS THE ORDER OF THE MEETING

At the request of those present, Trustee Dewart moved to take Agenda Items #14 and #11 then return to the regular order of the meeting. Trustee Meyer seconded the motion. The motion passed on a unanimous voice vote.

6. ITEM #14 – AN ORDINANCE APPROVING A SITE PLAN REVIEW AND A SPECIAL USE PERMIT TO ALLOW THE OPERATION OF AN EATING PLACE WITHOUT A DRIVE-THROUGH FACILITY AT 600 WALNUT AVENUE (Hansa Coffee Roasters)

President O'Hara reported on January 13, 2016 the Village received a zoning petition from Lake Effect Holdings, LLC (Petitioner), owner of the former Village Market building, seeking a Special Use Permit (SUP) to operate an eating place without a drive through facility at 600 Walnut Avenue. The Petitioner's anticipated tenant is Hansa Coffee Roasters, a local small business coffee roaster with seating for 28 customers. At its meeting on February 17th the Plan Commission & Zoning Board of Appeals (PCZBA) conducted a public hearing and recommended the Village Board deny the request for a SUP for an eating place. The PCZBA's concern was for the impact the new business would have on parking within the Central Business District (CBD) and it was recommended the Village Board consider one of the following actions:

- Approve the attached ordinance granting a special use permit to operate an eating place without a drive through;
- Concur with the PCZBA's recommendation and deny the request for a special use permit; or
- Refer the zoning petition back to the PCZBA for further consideration at a future public hearing.

Mr. Robert Douglass, Managing Partners with Lake Effect Holdings, provided background information regarding the Village Market building noting it is the oldest commercial building in the CBD. The building was acquired by Lake Effect in 2005 and restored to its original character so it could continue as a contributing asset to the community.

Mr. Kevin Kane, Co-Owner of Hansa Coffee, stated Lake Bluff is the perfect location to open their second location. He stated a variety of feedback was expressed at the Lake Forest/Lake Bluff annual meeting, one such suggestion was the desire to have a non-alcoholic business open after 6:00 p.m. Mr. Kane introduced and provided background information on the other members of Hansa Coffee. He also provided a brief history of the company. He expressed his belief the coffee shop will attract the type of traffic beneficial to the community and surrounding businesses.

Mr. Douglass commented on the standards for special use permits on which the PCZBA based its recommendation and noted parking was the major concern. He expressed his opinion the PCZBA acted in a prejudicial manner and did not suggest the petitioner provide additional information.

Mr. Tom Maegdlin, Co-Owner of Hansa Coffee, stated the PCZBA recommended denial of the SUP because the proposed business would cause undue traffic congestion to the CBD. The PCZBA did not consider the 2014 Lake Bluff Downtown Parking Study (Rich & Associates, Inc) before denying the request. Mr. Maegdlin stated the coffee shop peak business hours would occur early to mid-morning (7:00 to 11:00 a.m.) which does not compete with existing businesses or downtown activities. The parking occupancy graph shown in the Parking Study illustrates parking in the CBD is at its lowest in the morning hours. He stated at full capacity the coffee shop would account for 9% of the parking in the entire CBD bringing average total during the timeframe described to 34% total occupancy in the CBD. Mr. Maegdlin expressed his opinion the PCZBA acted prejudicially and did not use the appropriate resources to make its recommendation. He asked the Board to make a decision based on data.

Mr. Douglass described how the proposed use would not interfere with the development or use of surrounding properties noting the Staff memorandum describing the surrounding land use properties as:

- North: Parking lot & multi-family residential
- East: Office
- South: Village Green park
- West: Office, restaurant & train station

The introduction of Hansa Coffee to this location will enhance the development and attract more customers to the CBD. He stated when Block One Development site plan was approved (Ordinance 2007-14) the 600 Walnut Avenue retail space was accounted for by the Village which included all retail spaces in Block One. He stated, given the additional information, he expressed his opinion the application complies with all the standards for special use permits and asked the Village Board to approved the SUP.

Trustee Meyer inquired of the customers Hansa Coffee expects as commuters on the train. Mr. Maegdlin stated he could not speak to that matter because it seems like the lack of parking is an enforcement issue. Mr. Douglass noted the parking study did indicate parking enforcement needs to take place in the CBD.

Village Administrator Drew Irvin stated the information provided by the petitioner this evening was not made available to the PCZBA before it considered the application.

President O'Hara opened the floor for public comment.

Ms. Susan McMurray, resident and downtown merchant, stated Hansa Coffee should apply for their own SUP. She expressed her concern with a new coffee shop and her understanding that chain stores where not allowed in the CBD.

Mr. Chris Ackerson expressed his frustration with the PCZBA's recommendation and expressed his belief the PCZBA should be proactive in developing a vision for the entire CBD. The comments expressed by PCZBA Chair Kraus at the February meeting referenced a narrow scope regarding planning as it applies to potential interference with the surrounding developments. Mr. Ackerson inquired of the rules that govern the PCZBA which will allow them to be more proactive. Lastly, Mr. Ackerson thanked the Village Board for volunteering to serve on the Board.

President O'Hara stated the matter has been referred back to the PCZBA and it would be inappropriate for the Village Board to address any of the comments expressed this evening.

Ms. Kathryn Briand expressed her opinion the PCZBA's decision was made with stewardship in mind and was based on the idea the Village is responsible for taking care of its existing businesses. She expressed her support for Prairie Espresso and her belief the Village cares about maintaining its existing businesses.

Mr. Peter McGuire stated the PCZBA meeting started out as a narrow zoning issue and stated planning element should be at the forefront of the discussion. He commented on larger stores and asked if the Village cares about smaller businesses. He expressed his concern that Hansa Coffee could put Prairie Espresso, whom is already selling this product, out of business. Mr. McGuire expressed his belief the proposed establishment would add traffic in addition to any traffic added by the CBD Blocks Two and Three developments.

As there were no further comments from the Board, Trustee Dewart moved to refer back the PCZBA's recommendation for further consideration with the new information made available by the petitioner. Trustee Christensen seconded the motion. The motion passed on a unanimous voice vote.

7. <u>ITEM #11 – A RESOLUTION APPROVING A SITE PLAN REVIEW FOR LIGHTS ON THE PADDLE COURTS AT BLAIR PARK AT 355 W. WASHINGTON AVENUE</u>

President O'Hara reported the Lake Bluff Park District is proposing to replace the existing pole-mounted light fixtures for the paddle courts at Blair Park with new LED fixtures. The Park District has received complaints from Paddle Court users regarding the low light levels on the courts. In order to improve lighting on the courts, while keeping the off-court light level low, they have selected the proposed GX60-4R LED fixture. The Park District installed the LED fixtures on the northern paddle court on a temporary trail basis in August. The attached light survey was done with the new fixtures on the northern court and the old fixtures on the other 2 courts. It shows brighter light levels on the northern court, with lower light levels 20' away from that court, using the new fixtures. The lights on the tennis courts will not change. President O'Hara further noted the Architectural Board of Review (ABR) reviewed the proposed lights at its February 2, 2016 meeting and voted unanimously to recommend that the Village Board approve the proposed lights. In preparation for the Village Board's consideration of the request, the neighboring property owners have been notified of the meeting date and a resolution has been prepared transmitting the ABR's recommendation.

Following Village Administrator Irvin's explanation of the pilot program, Lake Bluff Park District Superintendent of Facility Services Ed Heiser stated there was one comment received stating the bulb appears brighter than the original fixtures. The proposed lighting does produce more light, but the light is directed to aim the light onto the paddle courts. He also noted the proposed fixture is day sky compliant.

In response to a question from the Board, Mr. Heiser stated the hours the lights are turned off will not change.

As there were no further questions, Trustee Christensen moved to adopt the resolution. Trustee Meyer seconded the motion. The motion passed on a unanimous voice vote.

8. <u>ITEM #6A – WARRANT REPORT FOR FEBRUARY 16-29, 2016</u>

President O'Hara reported expenditure of Village funds for payment of invoices in the amount of $257,320.76 for February 16-29, 2016.

As such, the total expenditures for this period is in the amount of $257,320.76.

Trustee Christensen inquired of the Iron Mountain expenditure. Assistant Finance Director Marlene Scheibl stated a shredder company is used periodically to destroy the large volume of state approved documents.

As there were no further comments from the Board, Trustee Josephitis moved to approve the Warrant Report. Trustee Ankenman seconded the motion. The motion passed on the following roll call vote:

Ayes:	(5)	Ankenman, Christensen, Dewart, Josephitis and Meyer
Nays:	(0)	
Absent:	(1)	Grenier

9. ITEM #6B – JANUARY 2016 FINANCE REPORT

At President O'Hara's request, Assistant Finance Director Scheibl provided a brief summary of the January 2016 Finance Report highlighting major revenue sources and expenditures for the period:

- Sales tax revenue for May-November 2015 is $1.66 million which is $189,000 or 13% greater over the same period in 2014. The home rule sales tax for May – November 2015 is $453,287 which is $116,000 or 34% greater than the same period in 2014. The figures for December and January sales tax revenues have not been reported to the municipalities;
- Income tax receipts for May 2015 – January 2016 is $518,548 which is 11% greater than the same period in 2014-15;
- Building permit revenue for May 2015-January 2016 is $388,300 compared to $953,650 for the same period in 2014-15. The FY2016 budget for building permit revenue was reduced to $660,000 to account for the decline in commercial redevelopment projects. The building permit revenue projection has been revised from $660,000 to $500,000 as some anticipated building activity is not expected to commence before May 1st. The Village received a $45,000 building permit for 611 Lansdowne Lane. The FY2015 building permit revenue was $1,045,008 which was 113% more than the receipts for FY2014 due to the Target Development, Heinen's remodeling, and two large residential homes in Lansdowne;
- The May 2015-January 2016 General Fund expenditures is $6,650,655 or 5.4% more than the same period in 2014 and represents 66% of the budget consistent with last fiscal year. The Police Records division costs were less than last year because the Village had internal dispatch services until September 2014. The Capital project expenditures exceed the same period in the prior fiscal year by $546,000; and
- Water sales for May 2015-January 2016 is $44,000 or 4.6% lower than the same period in FY2015. Billed consumption was down 126.158 million gallons for this period compared to 134,792 million gallons for the same period in 2014. The decrease in billed consumption of 8.634 million gallons reduced the revenue by $60,000 but the rate increase added $19,000 to the sales revenue. The remaining difference of $3,000 in sales revenue is attributed to water hydrant consumption, customer charges and late fees. The water rate was changed effective May 1, 2015 from $6.80 to $6.95 per thousand gallons of water consumed.

Staff continues to closely monitor the actions in Springfield and assess any implications to the Village including potential changes in State-shared revenue allocations, property tax limitation changes, or pension reform become law.

Trustee Meyer moved to accept the Finance Report. Trustee Josephitis seconded the motion. The motion passed on a unanimous voice vote.

10. ITEM #7 – VILLAGE ADMINISRATOR'S REPORT

Village Administrator Irvin reported Commonwealth Edison is rolling out its Smart Meter installation program system wide by the end of 2018 and will begin installations in Lake Bluff beginning mid-June 2016. He introduced ComEd Vice President of Advanced Metering Infrastructure Implementation Mike McMahon and Community Affairs Liaison Jim Dudek to present an informational report regarding Smart Meter technology and ComEd's customer communication plan.

Mr. Dudek thanked the Board for time to present the information and introduced Mr. McMahon to provide information on the Smart Meter program.

Mr. McMahon stated the Smart Meter deployment was authorized by the 2011 Illinois Legislation under the Energy Infrastructure Modernization Act. The Act authorized ComEd to spend $2.6 million for system upgrades which included smart grid investments. The Smart Meter deployment began in 2013 and as of today there is approximately 2 million Smart Meters installed. He stated the acceptance rate for their service territory was very high and noted 0.1% of ComEd customers elected not to have a Smart Meter installed.

Mr. McMahon provided a deployment map showing where Smart Meters will be installed and noted the plan installation for Lake Bluff will begin in June and take approximately one month to complete. Mr. McMahon provided information on the installation technician credentials and encouraged residents to ask technicians to show their badge as verification.

Mr. McMahon showed the Board the model Smart Meter being used and stated it is a certified digital wireless device (by Underwriter Laboratories) which allow remote reading. The Smart Meters have two internal radios which operates in the same frequency range as a garage door opener or baby monitor. The radios operate a maximum of five minutes per day transmitting information to ComEd.

In response to a question from Trustee Ankenman, Mr. McMahon stated the customer is responsible for the cost should they desire to convert an indoor meter to an outdoor meter.

Following a request from Village Administrator Irvin, Mr. McMahon explained the opt-out process noting the customers must inform ComEd in writing or by telephone that they do not want a Smart Meter. There will be a series of notifications sent to the customer, and should the customer continue to refuse the Smart Meter, an additional monthly charge of $21.53 will be added to their electric bill.

Trustee Josephitis asked if the law requires everyone to have a Smart Meter. Mr. McMahon stated the law specifies everyone must have a Smart Meter within one year after full deployment is completed and he noted the plan is to complete full deployment by December 2018.

Trustee Dewart asked if the renter or landlord could refuse the Smart Meter. Mr. McMahon stated the account holder is the individual that can refuse a Smart Meter.

President O'Hara opened the meeting for public comments.

Ms. Nancy Thorner, a Lake Bluff resident, read her written concerns regarding Smart Meters and provided the Board with a copy for the record.

Ms. Beverly Cooper, a Highland Park resident, read her written letter stating why she is opposed to Smart Meter installation and provided the Board with a copy for the record.

Ms. Victoria Bean, a Barrington resident, expressed her concerns for how Smart Meters could possibly cause long term health issues.

11. ITEM #8 - VILLAGE ATTORNEY'S REPORT

Village Attorney Peter Friedman had no report.

12. ITEM #9 – VILLAGE PRESIDENT'S REPORT

President O'Hara had no report.

13. ITEM #10 – ACCEPTANCE OF THE CORRESPONDENCE

President O'Hara introduced the correspondence from the Informational Reports on December 11, 18, 24 and 31, 2015.

Trustee Dewart moved to accept the correspondence as submitted. Trustee Josephitis seconded the motion. The motion passed on a unanimous voice vote.

14. ITEM #12 – A RESOLUTION AUTHORIZING THE EXECUTION OF A CONSTRUCTION CONTRACT WITH PETER BAKER AND SON COMPANY FOR THE VILLAGE OF LAKE BLUFF'S FY2016/2017 STREET PATCHING PROGRAM

President O'Hara reported the Village of Lake Bluff partnered with the City of Lake Forest and City of Highwood to jointly bid the 2016 asphalt patching work for both municipalities. A joint project was prepared because it is believed that a larger contract may result in lower unit prices for the work to be performed. She further reported on February 18, 2016, bids were opened at the City of Lake Forest for the joint asphalt patching program. Five bids were received for the project and the lowest bid was submitted by Peter Baker & Son Company of Lake Bluff, Illinois. Peter Baker & Son has performed this annual contract for the Village many times in the past and has proven to be capable of completing the work.

President O'Hara reported the low bid amount attributable to Lake Bluff's portion of the work is $48,500.00. The Village's proposed FY 2016/17 Budget currently includes $550,000 for the Street Resurfacing and Asphalt Patching projects. The intent has been to use approximately $50,000 of that

allotment for patching. The Village Engineer is recommending that Village award the contract to Peter Baker and Sons Construction for the amount of $48,500.00.

As there were no questions from the Board, Trustee Josephitis moved to adopt the resolution. Trustee Meyer seconded the motion. The motion passed on the following roll call vote:

Ayes:	(5)	Christensen, Dewart, Josephitis, Meyer and Ankenman
Nays:	(0)	
Absent:	(1)	Grenier

15. ITEM #13 – A RESOLUTION AUTHORIZING THE EXECUTION OF A CONSTRUCTION CONTRACT WITH PETER BAKER AND SON COMPANY FOR THE VILLAGE OF LAKE BLUFF'S FY2016/2017 STREET RESURFACING PROGRAM

President O'Hara reported the Village of Lake Bluff partnered with the City of Lake Forest and District 67 Everett School to jointly bid the 2016 roadway resurfacing work for both municipalities. A joint project was prepared because it is believed that a larger contract may result in lower unit prices for the work to be performed. She further reported on February 18, 2016, bids were opened at the City of Lake Forest for the joint resurfacing program. Four bids were received for the project and the lowest bid was submitted by Peter Baker & Son Company of Lake Bluff, Illinois. A comparison to the unit prices the Village received for the FY 2015/2016 Street Resurfacing Program shows that the prices of the current bid are approximately 7% lower than the prior year. Peter Baker & Son has performed this annual contract for the Village many times in the past and has proven to be capable of completing the work.

President O'Hara reported the low bid amount attributable to Lake Bluff's portion of the work is $333,847.25. The Village's proposed FY 2016/17 Budget currently includes $550,000 for the Street Resurfacing and Asphalt Patching projects. Combined, the low bids for the construction contracts for the Street Resurfacing and Asphalt Patching projects are $382,347.25. An additional $30,000 is allotted for the construction inspection and engineering design work to be done in FY 2016/17. If the board wishes, staff can inquire if Peter Baker and Son will include a section of East Prospect Avenue from Glenn Avenue to Maple Avenue at the same unit prices. If this section of East Prospect Avenue is included in the project, the estimated total of the resurfacing contract would be $410,000. With the patching contract and engineering/inspection the total would be $488,500 out of the proposed $550,000 budget. The Village Engineer is recommending that Village award the contract with the resurfacing work on East Prospect Avenue to Peter Baker and Sons Construction for the amount of $410,000.00.

Village Administrator Irvin responded to a comment earlier regarding the budgeted amount for the program and noted the Village has budgeted more than the contract award because the condition of Environ Circle base is unknown.

Village Engineer Jeff Hansen stated the cost to resurface Lincoln Avenue and Park Place would be approximately $15,000 for each street and he recommended the Village reserve some of the funds for additional patching.

Following a brief discussion, it was the consensus of the Board to direct Staff to use the budgeted amount in its entirety for resurfacing additional Village roadways.

As there were no further questions, Trustee Dewart moved to adopt the resolution as amended. Trustee Meyer seconded the motion. The motion passed on the following roll call vote:

Ayes:	(5)	Dewart, Josephitis, Meyer, Ankenman and Christensen
Nays:	(0)	
Absent:	(1)	Grenier

16. <u>ITEM #15 – AN ORDINANCE AMENDING THE LAKE BLUFF ZONING CODE REGULATIONS TO ESTABLISH PHYSICAL FITNESS FACILITY (SIC 7991) AS A SPECIAL USE IN THE L-1 LIGHT INDUSTRIAL DISTRICT</u>

President O'Hara reported on January 22, 2016 the Village received a zoning application from Vlad's Gym, Inc. (Petitioner), a personal training studio, concerning a request to operate a physical fitness facility at 910 Sherwood Drive, Unit 23 (Property) as a special use. Because a physical fitness facility is not an allowed use in the L-1 Light Industry Zoning District, the Petitioner submitted a two-part zoning application requesting:

- A text amendment to the Zoning Code establishing "Physical Fitness Facility (SIC 7991)" as a special use in the L-1 Light Industry District; and
- A Special Use Permit to operate a physical fitness facility at the Property.

President O'Hara reported at the conclusion of the public hearing on February 17th the Plan Commission and Zoning Board of Appeals (PCZBA) recommended the Village Board approve the request for a text amendment, as well as grant a conditional Special Use Permit to the Petitioner to allow the operation of a physical fitness facility at the Property. She further reported Mr. Vladimir Curguz, business owner, has submitted a request to waive second reading of the ordinance.

Mr. Curguz stated he is seeking a SUP for a personal training studio at 910 Sherwood Dr., Unit #23 and commented on the parking conditions at the location. He summarized his requests for the Village Board.

Trustee Christensen inquired of the reason to waive second reading of the ordinance. Mr. Curguz stated the landlord granted him time to get the interior space ready and he would like to complete the built-out prior to the April 1, 2016 lease effective date.

As there were no further comments from the Board, Trustee Josephitis moved to approve first reading of the ordinance. Trustee Christensen seconded the motion. The motion passed on the following roll call vote:

Ayes:	(5)	Josephitis, Meyer, Ankenman, Christensen and Dewart
Nays:	(0)	
Absent:	(1)	Grenier

At the request of the Petitioners, Trustee Christensen moved to waive second reading of the ordinance. Trustee Josephitis seconded the motion. The motion passed on the following roll call vote:

Ayes:	(5)	Meyer, Ankenman, Christensen, Dewart and Josephitis
Nays:	(0)	
Absent:	(1)	Grenier

17. ITEM #16 – AN ORDINANCE GRANTING A SPECIAL USE PERMIT TO VLAD'S GYM, INC TO OPERATE A PHYSCIAL FITNESS FACILITY AT 910 SHERWOOD DRIVE, UNIT #23

President O'Hara introduced the second part of the aforementioned zoning application requesting a SUP to operate a physical fitness facility at the Property.

As there were no comments from the Board, Trustee Meyer moved to approve first reading of the ordinance. Trustee Christensen seconded the motion. The motion passed on the following roll call vote:

Ayes:	(5)	Ankenman, Christensen, Dewart, Josephitis and Meyer
Nays:	(0)	
Absent:	(1)	Grenier

At the request of the Petitioner, Trustee Christensen moved to waive second reading of the ordinance. Trustee Ankenman seconded the motion. The motion passed on the following roll call vote:

Ayes:	(5)	Christensen, Dewart, Josephitis, Meyer and Ankenman
Nays:	(0)	
Absent:	(1)	Grenier

18. ITEM #17 – SECOND READING OF AN ORDINANCE AMENDING CERTAIN PROVISIONS OF THE MUNICIPAL CODE CONCERNING THE OPERATION OF LEAF BLOWERS AND POWERED LAWN EQUIPMENT

President O'Hara reported on August 24, 2015 the Committee-of-the-Whole (COW) discussed complaints received by the Village from time to time regarding outdoor work (lawn mowing and other landscaping activities) that produce offensive noises in the early morning and evening hours. Historically, the Village has managed these complaints by working with contractors/property owners and using the current permitted construction times for regulatory purposes. On January 25, 2016, following its discussion over the course of several meetings, the COW directed Staff and Legal Counsel to draft an ordinance amending the Village's nuisance regulations concerning leaf blowers and powered lawn equipment (Chapter 1 of Title 4 of the Municipal Code), including:

- Modifying the hours of operation permitted for any powered lawn maintenance equipment (leaf blowers, lawn mowers, trimmers, etc.) throughout the year to Monday through Friday, from 8:00 a.m. – 6:00 p.m., and Saturdays/Sundays/Holidays from 9:00 a.m. – 6:00 p.m. ("permitted hours of operation");
- Exempting snow removal equipment, such as snow blowers, plows, power shovels, etc., from the permitted hours of operation; and
- Allowing property owners performing landscape maintenance activities on their own property to operate between 6:00 p.m. and dusk.

Additionally, the COW discussed the possibility of establishing registration requirements for landscape companies; however, the COW directed Staff to educate residents on best practices for hiring landscaper contractors, such as an adequate level of insurance, rather than creating a new licensing program. At its meeting on February 8, 2016 the Village Board approved first reading of the Ordinance with the request to strike Section 9(b). The Ordinance has been updated for the Village Board's consideration of second reading approval.

As there were no comments from the Board, Trustee Meyer moved to approve second reading of the ordinance. Trustee Christensen seconded the motion. The motion passed on the following roll call vote:

Ayes:	(5)	Dewart, Josephitis, Meyer, Ankenman and Christensen
Nays:	(0)	
Absent:	(1)	Grenier

19. ITEM #18 – TRUSTEE'S REPORT

There was no Trustee's report.

20. ITEM #19 – EXECUTIVE SESSION

At 9:07 p.m. Trustee Dewart moved to enter into Executive Session for the purpose of discussing Property Disposition (5 ILCS 120/2(c)(6)). Trustee Meyer seconded the motion. The motion passed on the following roll call vote:

Ayes:	(5)	Josephitis, Meyer, Ankenman, Christensen and Dewart
Nays:	(0)	
Absent:	(1)	Grenier

There being no further business to discuss, Trustee Josephitis moved to adjourn out of executive session. Trustee Christensen seconded the motion and the motion passed on a unanimous voice vote at 9:38 p.m.

21. ITEM #20 – ADJOURNMENT

Trustee Dewart moved to adjourn the regular meeting. Trustee Meyer seconded the motion and the motion passed on a unanimous voice vote. The meeting adjourned at 9:39 p.m.

Respectfully Submitted,

_____	_____
R. Drew Irvin	Aaron Towle
Village Administrator	Village Clerk

VILLAGE OF LAKE BLUFF
REQUEST FOR BOARD ACTION

Agenda Item: 6a

Subject: WARRANT REPORT FOR MARCH 1-15, 2016 AND FEBRUARY 2016 PAYROLL EXPENDITURES

Action Requested: APPROVAL OF DISBURSEMENTS (Roll Call Vote)

Originated By: DIRECTOR OF FINANCE

Referred To: VILLAGE BOARD

Summary of Background and Reason For Request:

Expenditure of Village funds for payment of invoices in the amount of $289,965.01 for March 1-15, 2016.

Expenditure of Village funds for payroll in the amount of $255,089.49 for February 2016.

Total Expenditures of **$545,054.50**

Reports and Documents Attached:

1. Warrant Report for March 1-15, 2016 $ 289,965.01 (dated 3/14/16)

   Note that the warrant report designates those checks issued prior to the Board's formal approval as manual checks "M" on the Warrant Report. These are checks that are prepared in advance of the warrant due to contractual or governmental/payroll tax obligations; to obtain a discount; or for extenuating circumstances that may arise.

2. FY2015-16 Payroll Report.

Village Administrator's Recommendation:

Approval of Warrant and Payroll in the total amount of **$545,054.50**

Date Referred to Village Board: **3/14/2016**

DATE: 03/09/16
TIME: 13:52:45
ID: AP441000.WOW

-= VILLAGE OF LAKE BLUFF =-
DETAIL BOARD REPORT

Attachment 1

INVOICES DUE ON/BEFORE 03/14/2016

INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
ADP ADP INC.							
469159704	02/19/16	01	PAYROLL PROCESSING:2/18/16	01-60-610-41304 OTHER PROFESSIONAL SERVICE		03/14/16	191.75
						INVOICE TOTAL:	191.75
469239688	02/25/16	01	PAYROLL YEAR END REPORTS/W-2'S	01-60-610-41304 OTHER PROFESSIONAL SERVICE		03/14/16	425.28
						INVOICE TOTAL:	425.28
470004728	03/04/16	01	PAYROLL PROCESSING:3/3/16	01-60-610-41304 OTHER PROFESSIONAL SERVICE		03/14/16	191.75
						INVOICE TOTAL:	191.75
						VENDOR TOTAL:	808.78
ADVBUSGR ADVANCED BUSINESS GROUP LLC							
19250	02/15/16	01	POLICE T-1 LINE CHRG:1/15-2/15	01-70-710-43210 TELEPHONE		03/14/16	387.88
						INVOICE TOTAL:	387.88
						VENDOR TOTAL:	387.88
AFLAC AFLAC							
FEB 2016	02/20/16	01	AFLAC 'EE CONTR:2/4 & 2/18/16	01-20-102-65500 AFLAC PAYABLE		03/14/16	88.44
						INVOICE TOTAL:	88.44
						VENDOR TOTAL:	88.44
AIRONEEQ AIR ONE EQUIPMENT, INC.							
111048	03/02/16	01	HANHELD BOXLIGHT:FIRE	01-70-730-43650 MAINTENANCE SUPPLIES-EQUIP		03/14/16	135.00
						INVOICE TOTAL:	135.00
						VENDOR TOTAL:	135.00
ANDERPES ANDERSON PEST CONTROL							

INVOICES DUE ON/BEFORE 03/14/2016

INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
ANDERPES ANDERSON PEST CONTROL							
3621359	12/01/15	01	PEST CONTROL:VILL HALL	01-60-900-41000 MAINTENANCE-BUILDING		03/14/16	44.29
						INVOICE TOTAL:	44.29
3659868	01/01/16	01	PEST CONTROL:PSB	01-70-930-41000 MAINTENANCE-BUILDING		03/14/16	68.13
						INVOICE TOTAL:	68.13
						VENDOR TOTAL:	112.42
AT & T AT & T							
1602 Z89-0083	02/16/16	01	VILLAGE HALL T-1 LINE	01-60-610-43210 TELEPHONE		03/14/16	382.11
						INVOICE TOTAL:	382.11
1602 Z97-5542	02/16/16	01	T-1 LINE:PSB TO PUB WKS	01-80-910-43210 TELEPHONE		03/14/16	397.92
						INVOICE TOTAL:	397.92
1602 Z99-9528	02/16/14	01	POLICE IPSAN CIRCUIT LINE	01-70-710-43210 TELEPHONE		03/14/16	1,613.77
						INVOICE TOTAL:	1,613.77
						VENDOR TOTAL:	2,393.80
BAKERPET PETER BAKER & SON CO.							
10141	03/06/16	01	COLD PATCH: .64 TONS	01-80-840-43690 MAINTENANCE SUPPLIES-STREE		03/14/16	82.20
		02	COLD PATCH: .76 TONS	01-80-840-43690 MAINTENANCE SUPPLIES-STREE			99.80
						INVOICE TOTAL:	182.00
38442MB	02/21/16	01	COLD PATCH: .80 TONS	01-80-840-43690 MAINTENANCE SUPPLIES-STREE		03/14/16	104.00
						INVOICE TOTAL:	104.00
						VENDOR TOTAL:	286.00

INVOICES DUE ON/BEFORE 03/14/2016

INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
BATTTECH BATTERY TECH CENTRAL							
55778	03/01/16	01	AIR PACK "C" BATTERIES:FIRE	01-70-730-43650 MAINTENANCE SUPPLIES-EQUIP		03/14/16	154.72
						INVOICE TOTAL:	154.72
						VENDOR TOTAL:	154.72
BAXTWOOD BAXTER & WOODMAN							
0184607	02/19/16	01	ENG SRVC'S:MOFFETT RD HEADWALL	43-80-870-49000 MOFFETT RD BOX CULVERT		03/14/16	9,765.00
						INVOICE TOTAL:	9,765.00
0184608	02/19/16	01	ENG SRVC'S:MOFFET RD HEADWALL	43-80-870-49000 MOFFETT RD BOX CULVERT		03/14/16	1,500.00
						INVOICE TOTAL:	1,500.00
						VENDOR TOTAL:	11,265.00
BEHMENT BEHM ENTERPRISES INC.							
1776	03/01/16	01	WATERMAIN REP'R:ARMOUR DR	46-80-800-41306 CONTRACTUAL LABOR		03/14/16	4,480.00
						INVOICE TOTAL:	4,480.00
1777	03/01/16	01	REP'L BROKEN VALVE:ARMOUR DR	46-80-800-41306 CONTRACTUAL LABOR		03/14/16	1,200.00
						INVOICE TOTAL:	1,200.00
1780	03/07/16	01	WATERMAIN REP'R:455 SUNSET TER	46-80-800-41306 CONTRACTUAL LABOR		03/14/16	5,250.00
						INVOICE TOTAL:	5,250.00
						VENDOR TOTAL:	10,930.00
BERNIE'S BERNIE'S BOOK BANK							
47	02/20/16	01	VILL BOARD SPECIAL RETREAT MTG	01-60-650-41304 OTHER PROFESSIONAL SERVICE		03/14/16	690.00
						INVOICE TOTAL:	690.00
						VENDOR TOTAL:	690.00

INVOICES DUE ON/BEFORE 03/14/2016

INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
BCBS BLUECROSS BLUE SHIELD OF IL							
MAR 2016	02/15/16	01	VILLAGE MEDICAL PREM:MAR 2016	01-20-102-20000 ACCOUNTS PAYABLE		03/14/16	55,876.74
						INVOICE TOTAL:	55,876.74
						VENDOR TOTAL:	55,876.74
BOUNDMED BOUND TREE MEDICAL, LLC							
82073838	03/01/16	01	FIRST AID SUPPLIES:SQD CARS	01-70-710-43640 MAINTENANCE SUPPLIES-VEHIC		03/14/16	339.38
						INVOICE TOTAL:	339.38
						VENDOR TOTAL:	339.38
BURRISEQ BURRIS EQUIPMENT CO.							
PI60514	02/19/16	01	CUTTING CHAIN:FORESTRY	01-80-860-43650 MAINTENANCE SUPPLIES-EQUIP		03/14/16	101.85
						INVOICE TOTAL:	101.85
						VENDOR TOTAL:	101.85
CARQUEST CARQUEST OF LIBERTYVILLE							
140125	02/17/16	01	CONTROL ARM ASSEMBLY:SQD #25	01-70-710-43640 MAINTENANCE SUPPLIES-VEHIC		03/14/16	85.46
						INVOICE TOTAL:	85.46
140154	02/17/16	01	SWAY BAR KIT:SQD #25	01-70-710-43640 MAINTENANCE SUPPLIES-VEHIC		03/14/16	96.81
						INVOICE TOTAL:	96.81
						VENDOR TOTAL:	182.27
CDSOFFIC CDS OFFICE TECHNOLOGIES							
INV0985629	02/26/16	01	VIDEO CAMERA'S SFTWARE UPDATE	01-70-710-41300 COMPUTER SERVICES		03/14/16	1,400.00
						INVOICE TOTAL:	1,400.00
						VENDOR TOTAL:	1,400.00

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INVOICES DUE ON/BEFORE 03/14/2016

INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
CDWG CDW GOVERNMENT, INC.							
CBG5574	02/10/16	01	HARD DRIVES/WIRELESS ACCESS	01-60-610-49350 COMPUTER EQUIPMENT		03/14/16	688.54
		02	POINTS	** COMMENT **			
						INVOICE TOTAL:	688.54
CFD9745	02/24/16	01	HP LASERJET PRINTER/TONER:VH	45-60-610-49350 COMPUTER EQUIPMENT		03/14/16	910.83
						INVOICE TOTAL:	910.83
						VENDOR TOTAL:	1,599.37
CLCJAWA CENTRAL LAKE COUNTY JOINT							
MAR 2016	03/03/16	01	H2O PURCHASES-FEB 2016	46-80-800-44100 WATER PURCHASES		03/14/16	46,621.28
						INVOICE TOTAL:	46,621.28
						VENDOR TOTAL:	46,621.28
CHICOMM CHICAGO COMMUNICATION SERV.INC							
280618	02/29/16	01	PAGER REPLACEMENT KNOBS	01-70-730-43570 OPERATING SUPPLIES		03/14/16	37.60
						INVOICE TOTAL:	37.60
						VENDOR TOTAL:	37.60
CHITRICL CHICAGO TRIBUNE							
CTCM458980	02/01/14	01	PUB NOTICE:611 E PROSPECT AVE	01-20-202-20592 ZONING ESCROW-611 E. PROSP		03/14/16	123.27
						INVOICE TOTAL:	123.27
CTCM459037	02/01/16	01	ZONING PUB NOTICE:POOL REQUEST	01-60-680-43400 PRINTING		03/14/16	51.20
						INVOICE TOTAL:	51.20
CTCM472756	02/29/16	01	PUB NOTICE:355 W WASHINGTON	01-60-680-43400 PRINTING		03/14/16	55.20
						INVOICE TOTAL:	55.20

INVOICES DUE ON/BEFORE 03/14/2016

INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
CHITRICL CHICAGO TRIBUNE							
CTCM472757	02/29/16	01	PUB NOTICE:600 WALNUT AVE	01-20-202-20590 ZONING ESCROW-600 WALNUT A		03/14/16	71.20
						INVOICE TOTAL:	71.20
						VENDOR TOTAL:	300.87
BURKECHR CHRISTOPHER BURKE ENGINEERING							
127631	02/16/16	01	RT 41/176 INTERCHANGE STUDY	43-80-840-41305 RT 41/176 INTERCHNGE ENG S		03/14/16	943.07
						INVOICE TOTAL:	943.07
						VENDOR TOTAL:	943.07
CITYELEC C.E.S.							
GUR/050353	02/19/16	01	FLUORESCENT TUBES	01-80-910-43660 MAINTENANCE SUPPLIES-BLDG		03/14/16	138.60
						INVOICE TOTAL:	138.60
GUR/050432	02/23/16	01	BALLAST:P WKS LIGHT FIXTURE	01-80-890-43650 MAINTENANCE SUPPLIES-EQUIP		03/14/16	101.20
						INVOICE TOTAL:	101.20
						VENDOR TOTAL:	239.80
R0001572 JEANNE CLARK							
H2O REFUND	02/24/16	01	REFUND H2O BAL:15 E WASHINGTON	46-40-403-45000 WATER SALES		03/14/16	699.60
						INVOICE TOTAL:	699.60
						VENDOR TOTAL:	699.60
COMED COM ED							
0435147130 1602	03/02/16	01	ELECTR:ST LIGHTS (VILL RENTS)	01-80-840-43230 UTILITIES/STREET LIGHTS		03/14/16	3,625.72

INVOICES DUE ON/BEFORE 03/14/2016

INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
COMED COM ED							
0435147130 1602	03/02/16	02	12/31/15-3/2/16	** COMMENT **		03/14/16	
						INVOICE TOTAL:	3,625.72
1023120097 1602	03/04/16	01	ELECTR:ST LIGHTS (VILL OWNS)	01-80-840-43230 UTILITIES/STREET LIGHTS		03/14/16	439.78
		02	2/4-3/4/16	** COMMENT **			
						INVOICE TOTAL:	439.78
3533022019 1602	03/07/16	01	ELECTR:SAN LFT STN-520 LKLAND	01-80-890-43230 UTILITIES		03/14/16	653.81
		02	ELECTR:WTR TOWER 1/8-2/9/16	46-80-800-43230 ELECTRIC UTILITY			411.05
						INVOICE TOTAL:	1,064.86
						VENDOR TOTAL:	5,130.36
COMCAST COMCAST CABLE							
2/19-3/18/16	02/12/16	01	P WKS CABLE TV/INTERNET ACCESS	01-80-910-43210 TELEPHONE		03/14/16	120.50
		02	2/19-3/18/16	** COMMENT **			
						INVOICE TOTAL:	120.50
MAR 2016	02/18/16	01	V HALL CABLE SERVICE:MAR 2016	01-60-900-43230 UTILITIES		03/14/16	6.34
						INVOICE TOTAL:	6.34
						VENDOR TOTAL:	126.84
DEMUTHIN DE MUTH INC							
HP3120	01/26/16	01	WTRMAIN BRK REP'R:510 CAMBRDG	46-80-800-41306 CONTRACTUAL LABOR		03/14/16	5,400.00
						INVOICE TOTAL:	5,400.00
HP3126	02/03/16	01	WTRMAIN BRK REP'R:757 LINCOLN	46-80-800-41306 CONTRACTUAL LABOR		03/14/16	4,875.00
						INVOICE TOTAL:	4,875.00
						VENDOR TOTAL:	10,275.00

INVOICES DUE ON/BEFORE 03/14/2016

INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
DELTADEN DELTA DENTAL							
821800	03/01/16	01	PPO DENTAL PREM:MAR 2016	01-20-102-20000 ACCOUNTS PAYABLE		03/14/16	3,938.70
						INVOICE TOTAL:	3,938.70
821802	03/01/16	01	HMO DENTAL PREM:MAR 2016	01-20-102-20000 ACCOUNTS PAYABLE		03/14/16	66.83
						INVOICE TOTAL:	66.83
						VENDOR TOTAL:	4,005.53
DIVINCIP DI VINCI PAINTERS, INC.							
15579	02/17/16	01	PAINT INTERIOR:POLICE STATION	01-70-930-49100 BUILDING IMPROVEMENTS		03/14/16	9,600.00
						INVOICE TOTAL:	9,600.00
15580	02/17/16	01	PAINT VH WOMEN'S RESTROOM	01-60-900-41000 MAINTENANCE-BUILDING		03/14/16	575.00
						INVOICE TOTAL:	575.00
						VENDOR TOTAL:	10,175.00
ESSENEQU ESSENTIAL EQUIPMENT SOLUTIONS							
4434	02/22/16	01	CALIBRATE GAS METERS:FIRE	01-70-730-41200 MAINTENANCE EQUIPMENT		03/14/16	300.00
						INVOICE TOTAL:	300.00
						VENDOR TOTAL:	300.00
EXCELLTD EXCEL LTD. INC.							
17050	03/02/16	01	REP'R CBD ST LIGHT CONTROLLER	01-80-840-41304 OTHER PROFESSIONAL SERVICE		03/14/16	1,151.00
						INVOICE TOTAL:	1,151.00
						VENDOR TOTAL:	1,151.00
FEECEOIL FEECE OIL COMPANY							

INVOICES DUE ON/BEFORE 03/14/2016

INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
FEECEOIL FEECE OIL COMPANY							
3403902	02/16/16	01	GASOLINE:1465 GALLONS	01-10-301-55100 GASOLINE INVENTORY		03/14/16	2,345.20
						INVOICE TOTAL:	2,345.20
						VENDOR TOTAL:	2,345.20
FILTERSE FILTER SERVICES							
INV133739	03/03/16	01	FURNACE FILTERS:PUB WKS	01-80-910-43660 MAINTENANCE SUPPLIES-BLDG		03/14/16	374.81
						INVOICE TOTAL:	374.81
						VENDOR TOTAL:	374.81
FLOLOCOR FLOLO CORPORATION							
094877	02/15/16	01	SRVC CALL:TANG OAKS LFT STN	01-80-890-41200 MAINTENANCE EQUIPMENT		03/14/16	437.50
						INVOICE TOTAL:	437.50
094919	02/25/16	01	REP'R EVALUATN:T OAKS LFT STN	01-80-890-41306 LIFT STATION REPAIRS		03/14/16	3,490.00
						INVOICE TOTAL:	3,490.00
						VENDOR TOTAL:	3,927.50
GLOBALCO GLOBALCOM INC							
13040454	02/22/16	01	PRI/VOIP TELEPHONE SRVC	01-60-600-43210 TELEPHONE		03/14/16	67.47
		02	PRI/VOIP TELEPHONE SRVC	01-60-610-43210 TELEPHONE			67.47
		03	PRI/VOIP TELEPHONE SRVC	01-60-680-43210 TELEPHONE			67.47
		04	PRI/VOIP TELEPHONE SRVC	01-70-710-43210 TELEPHONE			67.47
		05	PRI/VOIP TELEPHONE SRVC	01-70-711-43210 TELEPHONE			89.95

INVOICES DUE ON/BEFORE 03/14/2016

INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
GLOBALCO GLOBALCOM INC							
13040454	02/22/16	06	PRI/VOIP TELEPHONE SRVC	01-70-730-43210 TELEPHONE		03/14/16	44.97
		07	PRI/VOIP TELEPHONE SRVC	01-80-910-43210 TELEPHONE			44.97
						INVOICE TOTAL:	449.77
						VENDOR TOTAL:	449.77
GRAFIXSH GRAFIX SHOPPE							
106082	02/26/16	01	NEW SQUAD VEHICLE DECALS	01-70-710-41100 MAINTENANCE-VEHICLES		03/14/16	488.67
						INVOICE TOTAL:	488.67
						VENDOR TOTAL:	488.67
GRAINGER W. W. GRAINGER, INC.							
9026422700	02/15/16	01	WELDER POWER CORD RECEPTICLE	01-80-910-43660 MAINTENANCE SUPPLIES-BLDG		03/14/16	27.90
						INVOICE TOTAL:	27.90
						VENDOR TOTAL:	27.90
GROOT GROOT INDUSTRIES							
13931998	03/01/16	01	WASTE DISPOSAL/RECYCLNG:MAR 16	01-80-850-41305 WASTE/RECYCLING CONTRACT		03/14/16	46,131.20
						INVOICE TOTAL:	46,131.20
						VENDOR TOTAL:	46,131.20
HARROWNS HARROW N SONS HANDYMAN							
SECURE EQUIPMENT	03/01/16	01	SECURE EQUIPMENT TO COUNTER:	01-70-930-49100 BUILDING IMPROVEMENTS		03/14/16	329.00
		02	POLICE LOCK UP	** COMMENT **			
						INVOICE TOTAL:	329.00
						VENDOR TOTAL:	329.00

INVOICES DUE ON/BEFORE 03/14/2016

INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
HAVEYCOM HAVEY COMMUNICATIONS, INC.							
6234	03/02/16	01	INSTALL VEH DECALS ON NEW SQD	01-70-710-41100 MAINTENANCE-VEHICLES		03/14/16	175.00
						INVOICE TOTAL:	175.00
						VENDOR TOTAL:	175.00
HDSUPPLY HD SUPPLY WATERWORKS, LTD							
F131376	02/16/16	01	REPAIR CLAMPS & SOCKET	46-80-800-43670 MAINTENANCE SUPPLIES-UTILI		03/14/16	292.64
						INVOICE TOTAL:	292.64
						VENDOR TOTAL:	292.64
HOMEDEPO HOME DEPOT CREDIT SERVICES							
1430496	02/28/16	01	WELDER POWER CORD SUPPLIES	01-80-910-43650 MAINTENANCE SUPPLIES-EQUIP		03/14/16	5.64
						INVOICE TOTAL:	5.64
						VENDOR TOTAL:	5.64
HOSKINGM MICHAEL HOSKING							
LOCKERS	03/02/16	01	LOCKERS FOR EVIDENCE ROOM	01-70-710-45900 MINOR EQUIPMENT		03/14/16	123.05
						INVOICE TOTAL:	123.05
						VENDOR TOTAL:	123.05
ICMA RET ICMA RETIREMENT TRUST 457							
3/3 PAYROLL DEDUCT	03/03/16	01	3/3 'EE PAYROLL DEDUCTION	01-20-102-45000 ICMA 457 PLAN PAYABLE		03/14/16	168.84
		02	3/3 'EE PAYROLL DEDUCTION	01-20-102-45000 ICMA 457 PLAN PAYABLE			422.08
		03	3/3 'EE PAYROLL DEDUCTION	01-20-102-45000 ICMA 457 PLAN PAYABLE			201.29

INVOICES DUE ON/BEFORE 03/14/2016

INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT	
ICMA RET ICMA RETIREMENT TRUST 457								
3/3 PAYROLL DEDUCT	03/03/16	04	3/3 'EE PAYROLL DEDUCTION	01-20-102-45000 ICMA 457 PLAN PAYABLE		03/14/16	211.04	
		05	3/3 'EE PAYROLL DEDUCTION	01-20-102-45000 ICMA 457 PLAN PAYABLE			422.08	
						INVOICE TOTAL:	1,425.33	M
3/3 W/H	03/03/16	01	3/3 'EE W/H	01-20-102-45000 ICMA 457 PLAN PAYABLE		03/14/16	2,924.03	
						INVOICE TOTAL:	2,924.03	M
						VENDOR TOTAL:	4,349.36	
ICDHR ICDHR								
TRNG:HOSKING	03/03/16	01	BRIDGING THE DIVIDE:HOSKING	01-70-710-42400 TRAINING/EDUCATION		03/14/16	40.00	
						INVOICE TOTAL:	40.00	
						VENDOR TOTAL:	40.00	
ILCENTRA ILLINOIS CENTURY NETWORK								
T1622605	02/16/16	01	INTERNET SRVC PROVIDER:JAN 16	01-60-610-41300 COMPUTER SERVICES		03/14/16	76.00	
						INVOICE TOTAL:	76.00	
						VENDOR TOTAL:	76.00	
IUOEADM INT'L UNION OF OPER ENGINEERS								
3/3 W/H	03/03/16	01	3/3 'EE IUOE ADMIN DUES	01-20-102-49000 UNION DUES PAYABLE		03/14/16	374.00	
						INVOICE TOTAL:	374.00	
						VENDOR TOTAL:	374.00	M
IUOEMEMB INT'L UNION OF OPER ENGINEERS								
3/3 W/H	03/03/16	01	3/3 'EE IUOE MEMBERSHIP DUES	01-20-102-49000 UNION DUES PAYABLE		03/14/16	82.39	
						INVOICE TOTAL:	82.39	
						VENDOR TOTAL:	82.39	M

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INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT	
INTERDEV INTERDEV, LLC								
FEB 2016	02/29/16	01	IT ADMINISTRATION:FEB 2016	01-60-610-41300 COMPUTER SERVICES		03/14/16	4,993.81	
						INVOICE TOTAL:	4,993.81	
						VENDOR TOTAL:	4,993.81	
IRVINDRE R. DREW IRVIN								
ILCMA CONF	02/19/16	01	HOTEL/PRKNG:ILCMA CONF 2/3-2/5	01-60-600-42410 CONFERENCES		03/14/16	319.36	
						INVOICE TOTAL:	319.36	M
						VENDOR TOTAL:	319.36	
KNOLLANI KNOLLWOOD ANIMAL HOSPITAL								
115601	01/07/16	01	BOARDING KENNEL FEES:DEC 2015	01-70-710-44400 ANIMAL CONTROL		03/14/16	80.00	
						INVOICE TOTAL:	80.00	
						VENDOR TOTAL:	80.00	
KOCHCREA KOCH CREATIVE SERVICES, INC.								
16-1421	01/15/16	01	WINTER NEWSLETTER	01-60-600-43400 PRINTING		03/14/16	900.00	
						INVOICE TOTAL:	900.00	
						VENDOR TOTAL:	900.00	
POLPEN LAKE BLUFF POLICE PENSION FUND								
3/3 W/H	03/03/16	01	3/3 'EE POLPEN W/H	01-20-102-45500 POLICE PENSION EE CONTRIBU		03/14/16	4,974.68	M
						INVOICE TOTAL:	4,974.68	
						VENDOR TOTAL:	4,974.68	
LKCTYCOL COLLEGE OF LAKE COUNTY								

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INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
LKCTYCOL COLLEGE OF LAKE COUNTY							
R19059	02/25/16	01	ANN'L TRNG:SMIZINSKI/KASS	01-70-710-42400 TRAINING/EDUCATION		03/14/16	378.00
						INVOICE TOTAL:	378.00
						VENDOR TOTAL:	378.00
LAWSONPR LAWSON PRODUCTS, INC.							
9303923229	02/29/16	01	DRILL BITS/SCREWS:PUB WKS	01-80-910-43650 MAINTENANCE SUPPLIES-EQUIP		03/14/16	269.21
						INVOICE TOTAL:	269.21
						VENDOR TOTAL:	269.21
LEACHENT LEACH ENTERPRISES, INC.							
67490	10/15/15	01	CREDIT	01-80-840-43640 MAINTENANCE SUPPLIES-VEHIC		03/14/16	-32.40
						INVOICE TOTAL:	-32.40
884844	02/11/16	01	VALVE ASSEMBLY	01-80-840-43640 MAINTENANCE SUPPLIES-VEHIC		03/14/16	117.78
						INVOICE TOTAL:	117.78
						VENDOR TOTAL:	85.38
LECHNER LECHNER & SONS UNIFORM RENTAL							
2129429	02/19/16	01	UNIFORMS: FORESTRY	01-80-860-42420 UNIFORMS		03/14/16	4.79
		02	UNIFORMS: STREETS	01-80-840-42420 UNIFORMS			25.00
		03	UNIFORMS: SEWERS	01-80-890-42420 UNIFORMS			1.72
		04	UNIFORMS: PUB WKS	01-80-910-42420 UNIFORMS			15.17
		05	UNIFORMS: WATER	46-80-800-42420 UNIFORMS			1.00

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INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
LECHNER LECHNER & SONS UNIFORM RENTAL							
2129429	02/19/16	06	PUB WKS OPERATING SUPPLIES	01-80-910-43660 MAINTENANCE SUPPLIES-BLDG		03/14/16	10.23
						INVOICE TOTAL:	57.91
2131807	02/26/16	01	UNIFORMS: FORESTRY	01-80-860-42420 UNIFORMS		03/14/16	4.79
		02	UNIFORMS: STREETS	01-80-840-42420 UNIFORMS			25.00
		03	UNIFORMS: SEWERS	01-80-890-42420 UNIFORMS			1.72
		04	UNIFORMS: PUB WKS	01-80-910-42420 UNIFORMS			15.17
		05	UNIFORMS: WATER	46-80-800-42420 UNIFORMS			1.00
		06	PUB WKS OPERATING SUPPLIES	01-80-910-43660 MAINTENANCE SUPPLIES-BLDG			10.23
						INVOICE TOTAL:	57.91
2134154	03/04/16	01	UNIFORMS: FORESTRY	01-80-860-42420 UNIFORMS		03/14/16	4.79
		02	UNIFORMS: STREETS	01-80-840-42420 UNIFORMS			25.00
		03	UNIFORMS: SEWERS	01-80-890-42420 UNIFORMS			1.72
		04	UNIFORMS: PUB WKS	01-80-910-42420 UNIFORMS			15.17
		05	UNIFORMS: WATER	46-80-800-42420 UNIFORMS			1.00
		06	PUB WKS OPERATING SUPPLIES	01-80-910-43660 MAINTENANCE SUPPLIES-BLDG			10.23
						INVOICE TOTAL:	57.91
						VENDOR TOTAL:	173.73
LINCOLN LINCOLN NATIONAL LIFE INS. CO.							

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INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
LINCOLN LINCOLN NATIONAL LIFE INS. CO.							
MAR 2016	03/01/16	01	GR TERM LIFE PREM:MAR 2016	01-20-102-20000 ACCOUNTS PAYABLE		03/14/16	826.72
						INVOICE TOTAL:	826.72
						VENDOR TOTAL:	826.72
M.E.SIMP M.E. SIMPSON COMPANY, INC.							
28229	02/24/16	01	LEAK DETECTION SRVCS:SUNSET TR	46-80-800-41306 CONTRACTUAL LABOR		03/14/16	1,040.00
		02	W. PROSPECT/LANCASTER/ARMOUR	** COMMENT **			
						INVOICE TOTAL:	1,040.00
						VENDOR TOTAL:	1,040.00
MC MASTE MC MASTER-CARR SUPPLY CO.							
50951322	02/25/16	01	ELBOW FITTING	01-80-870-43650 MAINTENANCE SUPPLIES-EQUIP		03/14/16	78.77
						INVOICE TOTAL:	78.77
						VENDOR TOTAL:	78.77
MES-ILL MUNICIPAL EMERGENCY SERVICES							
IN1005433	02/26/16	01	AIR FILTER	01-70-730-43650 MAINTENANCE SUPPLIES-EQUIP		03/14/16	19.00
						INVOICE TOTAL:	19.00
						VENDOR TOTAL:	19.00
MOEWF MIDWEST OP ENGINEERS LOCAL 150							
APRIL 2016	02/23/16	01	P WKS 'EE MED INS:APR 2016	01-20-102-20000 ACCOUNTS PAYABLE		03/14/16	1,300.00
		02	P WKS FAMILY MED INS:APR 2016	01-20-102-20000 ACCOUNTS PAYABLE			8,000.00
						INVOICE TOTAL:	9,300.00
						VENDOR TOTAL:	9,300.00

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INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
R0000816 TIM MOORE							
H2O REFUND	02/24/16	01	REFUND H2O BAL:333 E CENTER AV	46-40-403-45000 WATER SALES		03/14/16	57.14
						INVOICE TOTAL:	57.14
						VENDOR TOTAL:	57.14
NAPLETON NAPLETON LIBERTYVILLE FORD							
5010322	02/16/16	01	OIL FILTER/SOCKET ASSEMBLY	01-80-870-43640 MAINTENANCE SUPPLIES-VEHIC		03/14/16	271.53
						INVOICE TOTAL:	271.53
						VENDOR TOTAL:	271.53
NCCPETER NCC PETERSEN PRODUCTS							
69219	02/18/16	01	JANITORIAL SUPPLIES:VILL HALL	01-60-900-43660 MAINTENANCE SUPPLIES-BUILD		03/14/16	60.93
		02	JANITORIAL SUPPLIES:PSB	01-70-930-43660 MAINTENANCE SUPPLIES-BLDG			60.93
						INVOICE TOTAL:	121.86
69296	02/25/16	01	JANITORIAL SUPPLIES:VILL HALL	01-60-900-43660 MAINTENANCE SUPPLIES-BUILD		03/14/16	144.57
		02	JANITORIAL SUPPLIES:PSB	01-70-930-43660 MAINTENANCE SUPPLIES-BLDG			144.58
						INVOICE TOTAL:	289.15
						VENDOR TOTAL:	411.01
NORTHSHO NORTH SHORE GAS							
611 WALNUT 2/24	02/26/16	01	GAS:611 WALNUT 1/26-2/24/16	01-60-940-43230 UTILITIES		03/14/16	141.06
						INVOICE TOTAL:	141.06
GASLITES 2/24	02/26/16	01	GAS LITES:1/26-2/24/16	01-80-840-43230 UTILITIES/STREET LIGHTS		03/14/16	329.34
						INVOICE TOTAL:	329.34
						VENDOR TOTAL:	470.40

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INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
OPTIMA OPTIMA, INC.							
T009771-IN	02/19/16	01	RUBBER MATTING FOR SHOWER:PSB	01-70-710-43650 MAINTENANCE SUPPLIES-EQUIP		03/14/16	101.17
						INVOICE TOTAL:	101.17
						VENDOR TOTAL:	101.17
PACIFICT PACIFIC TELEMANAGEMENT SERVICE							
817327	02/19/16	01	PAY PH:PSB LOBBY-MAR 2016	01-70-710-43210 TELEPHONE		03/14/16	76.50
		02	PAY PH:JAIL INTAKE-MAR 2016	01-70-710-43210 TELEPHONE			76.50
						INVOICE TOTAL:	153.00
						VENDOR TOTAL:	153.00
PCASH PETTY CASH							
MAR 2016	03/04/16	01	MISC PETTY CASH EXPENDITURES	01-60-610-42400 TRAINING/EDUCATION		03/14/16	10.00
		02	MISC PETTY CASH EXPENDITURES	01-60-600-42400 TRAINING/EDUCATION			78.50
		03	MISC PETTY CASH EXPENDITURES	01-60-600-40800 EMPLOYEE RECOGNITION			7.45
		04	MISC PETTY CASH EXPENDITURES	01-60-650-40800 BOARD/COMMITTEE RECOGNITIO			70.40
		05	MISC PETTY CASH EXPENDITURES	01-60-600-43550 OFFICE SUPPLIES			15.97
		06	MISC PETTY CASH EXPENDITURES	01-70-730-43650 MAINTENANCE SUPPLIES-EQUIP			57.26
		07	MISC PETTY CASH EXPENDITURES	01-70-730-43550 OFFICE SUPPLIES			17.20
		08	MISC PETTY CASH EXPENDITURES	46-80-800-40900 OTHER EMPLOYEE BENEFITS			16.00
		09	MISC PETTY CASH EXPENDITURES	01-80-840-42440 DUES			60.00

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INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
PCASH PETTY CASH							
MAR 2016	03/04/16	10	MISC POLICE PETTY CASH EXPEND	01-70-710-40800 EMPLOYEE RECOGNITION		03/14/16	20.34
		11	MISC POLICE PETTY CASH EXPEND	01-70-710-43300 POSTAGE			40.50
		12	MISC POLICE PETTY CASH EXPEND	01-70-711-42411 MILEAGE			23.46
		13	MISC POLICE PETTY CASH EXPEND	01-70-710-42400 TRAINING/EDUCATION			37.30
		14	MISC POLICE PETTY CASH EXPEND	01-70-710-41200 MAINTENANCE EQUIPMENT			12.00
						INVOICE TOTAL:	466.38
						VENDOR TOTAL:	466.38
PRECSERV PRECISION SERVICE & PARTS, INC							
35IV004122	02/24/16	01	BATTERIES:POLICE	01-70-710-43640 MAINTENANCE SUPPLIES-VEHIC		03/14/16	218.76
		02	CORE CREDIT	01-70-710-43640 MAINTENANCE SUPPLIES-VEHIC			-75.00
						INVOICE TOTAL:	143.76
						VENDOR TOTAL:	143.76
QUILL QUILL CORP.							
3584024	02/24/16	01	OFFICE SUPPLIES:VILL HALL	01-60-610-43550 OFFICE SUPPLIES		03/14/16	131.96
						INVOICE TOTAL:	131.96
						VENDOR TOTAL:	131.96
RJNGROUP RJN GROUP, INC							
06	03/03/16	01	BATH/TEN SEWER LINING PROJ	01-80-890-49530 SANITARY SEWER IMPROVEMENT		03/14/16	9,360.25
						INVOICE TOTAL:	9,360.25
						VENDOR TOTAL:	9,360.25

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INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
RUSSOPOW RUSSO POWER EQUIPMENT							
2930941	03/02/16	01	ICE MELT-1 PALLET	01-80-840-43580 SNOW/ICE CONTROL MATERIALS		03/14/16	428.75
						INVOICE TOTAL:	428.75
						VENDOR TOTAL:	428.75
RYDINDEC RYDIN DECAL							
315946	03/04/06	01	FY17 COMMUTER PARKING STICKERS	01-80-920-43400 PRINTING		03/14/16	71.40
		02	PARKING STICKER HANG TAGS	01-80-920-43400 PRINTING			200.00
		03	FY17 VEHICLE STICKERS	01-60-610-43400 PRINTING			1,568.70
						INVOICE TOTAL:	1,840.10
						VENDOR TOTAL:	1,840.10
SCHELHAS WILLIAM A. SCHELHAS							
FEB 2016	03/08/16	01	VLB SHARE PROD ASST: FEB 2016	01-60-600-41304 OTHER PROFESSIONAL SERVICE		03/14/16	1,440.00
						INVOICE TOTAL:	1,440.00
						VENDOR TOTAL:	1,440.00
SHERAUTO SHERIDAN AUTO PARTS							
893407	02/10/16	01	OIL FILTER/LIGHT	01-70-710-43640 MAINTENANCE SUPPLIES-VEHIC		03/14/16	53.64
						INVOICE TOTAL:	53.64
894016	02/17/16	01	AIR & OIL FILTERS/TRANS FLUID	01-80-870-43640 MAINTENANCE SUPPLIES-VEHIC		03/14/16	128.98
						INVOICE TOTAL:	128.98
894203	02/18/16	01	BRAKE PADS/ROTORS	01-70-710-43640 MAINTENANCE SUPPLIES-VEHIC		03/14/16	304.95
						INVOICE TOTAL:	304.95
						VENDOR TOTAL:	487.57

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INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
SIKICH SIKICH, LLP							
234919	11/30/15	01	FINAL PAY FY15 AUDIT	01-60-610-41304 OTHER PROFESSIONAL SERVICE		03/14/16	7,770.00
		02	FINAL PAY FY15 AUDIT	46-80-800-41304 OTHER PROFESSIONAL SERVICE			2,590.00
						INVOICE TOTAL:	10,360.00
						VENDOR TOTAL:	10,360.00
STAPLES STAPLES ADVANTAGE							
3292886266	02/12/16	01	OFFICE SUPPLIES:POLICE	01-70-710-43550 OFFICE SUPPLIES		03/14/16	53.56
						INVOICE TOTAL:	53.56
3293300326	02/16/16	01	OFFICE SUPPLIES:VILL HALL	01-60-610-43550 OFFICE SUPPLIES		03/14/16	16.98
						INVOICE TOTAL:	16.98
3293300327	02/16/16	01	OFFICE SUPPLIES:VILL HALL	01-60-610-43550 OFFICE SUPPLIES		03/14/16	115.58
						INVOICE TOTAL:	115.58
3293734418	02/20/16	01	OFFICE SUPPLIES:POLICE	01-70-710-43550 OFFICE SUPPLIES		03/14/16	21.39
						INVOICE TOTAL:	21.39
						VENDOR TOTAL:	207.51
STATEDIS STATE DISBURSEMENT UNIT							
3/3 PAYROLL DEDUCT	03/03/16	01	3/3 'EE PAYROLL DEDUCTION	01-20-102-51000 WAGE ASSIGNMENT PAYABLE		03/14/16	579.69
						INVOICE TOTAL:	579.69
						VENDOR TOTAL:	579.69
STREICHE STREICHER'S							

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INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
STREICHE STREICHER'S							
I1196954	02/25/16	01	UNIFORM CARRIER:SGT BREZINSKI	01-70-710-42420 UNIFORMS		03/14/16	170.00
						INVOICE TOTAL:	170.00
						VENDOR TOTAL:	170.00
TESKA TESKA ASSOCIATES INC.							
6601	02/12/16	01	PCZBA/ABR MTG PREP:JAN 2016	01-60-600-41304 OTHER PROFESSIONAL SERVICE		03/14/16	666.20
						INVOICE TOTAL:	666.20
						VENDOR TOTAL:	666.20
THEEXCHA THE CHEVY EXCHANGE							
131175	03/02/16	01	REP'L SEAT BELT RECEPTACLE	01-70-710-41100 MAINTENANCE-VEHICLES		03/14/16	317.48
						INVOICE TOTAL:	317.48
						VENDOR TOTAL:	317.48
TRAINOR TRAINOR PRINTING & PROMOTIONS							
141650	02/09/16	01	SERVICE REQUEST FORMS	01-60-610-43400 PRINTING		03/14/16	756.36
						INVOICE TOTAL:	756.36
						VENDOR TOTAL:	756.36
TRANSUNI TRANS UNION RISK & ALTERNATIVE							
FEB 2016	03/01/16	01	PERSON SEARCH:POLICE	01-70-710-43570 OPERATING SUPPLIES		03/14/16	25.00
						INVOICE TOTAL:	25.00
						VENDOR TOTAL:	25.00
UNIONPAC UNION PACIFIC RAILROAD CO.							

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INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT	
UNIONPAC UNION PACIFIC RAILROAD CO.								
NOV 2015-JAN 2016	03/08/16	01	LEASE PAYMNT:NOV 2015-JAN 2016	01-80-920-44300 LEASE PAYMENTS		03/14/16	3,829.23	
						INVOICE TOTAL:	3,829.23	
						VENDOR TOTAL:	3,829.23	
UNCOFFEE UNITED COFFEE SERVICE, INC.								
555402	02/23/16	01	COFFEE & SUPPLIES: PUB WORKS	01-80-910-43660 MAINTENANCE SUPPLIES-BLDG		03/14/16	168.25	
						INVOICE TOTAL:	168.25	
555467	02/26/16	01	COFFEE & SUPPLIES: POLICE	01-70-930-43660 MAINTENANCE SUPPLIES-BLDG		03/14/16	203.20	
		02	KITCHEN SUPPLIES: POLICE	01-70-930-43660 MAINTENANCE SUPPLIES-BLDG			77.40	
						INVOICE TOTAL:	280.60	
555633	03/04/16	01	COFFEE & SUPPLIES:V HALL	01-60-900-43660 MAINTENANCE SUPPLIES-BUILD		03/14/16	164.60	
		02	2 (5) GAL BOTTLED WATER:V HALL	01-60-900-43660 MAINTENANCE SUPPLIES-BUILD			15.70	
						INVOICE TOTAL:	180.30	
						VENDOR TOTAL:	629.15	
USPOSTAL UNITED STATES POSTAL SERVICE								
2016 FEB	02/24/16	01	POSTAGE:WTR BILLING CYCLE #03	46-80-800-43300 POSTAGE		03/14/16	253.87	
						INVOICE TOTAL:	253.87	M
FEB 2016	02/19/16	01	REPLENISH POSTAGE METER	01-60-600-43300 POSTAGE		03/14/16	1,500.00	
						INVOICE TOTAL:	1,500.00	M
						VENDOR TOTAL:	1,753.87	

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INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
USABLUE USA BLUE BOOK							
871552	02/11/16	01	FLOAT SWITCHES:T OAKS LFT STN	01-80-890-41306 LIFT STATION REPAIRS		03/14/16	101.90
						INVOICE TOTAL:	101.90
						VENDOR TOTAL:	101.90
VERIZON VERIZON WIRELESS							
9761308341	03/01/16	01	WIRELESS SRVC:FIRE 2/2-3/1/16	01-70-730-43210 TELEPHONE		03/14/16	52.36
		02	WIRELESS SRVC:POLICE	01-70-710-43210 TELEPHONE			391.73
		03	WIRELESS SRVC:PUB WKS	01-80-910-43210 TELEPHONE			260.75
		04	WIRELESS SRVC:ADMIN	01-60-600-43210 TELEPHONE			147.61
		05	WIRELESS SRVC:COM DEVELOPMENT	01-60-680-43210 TELEPHONE			121.56
		06	SQD CAR WIRELESS ACCESS POLICE	01-70-710-43210 TELEPHONE			394.63
		07	CAD SYSTEM	** COMMENT **			
						INVOICE TOTAL:	1,368.64
						VENDOR TOTAL:	1,368.64
VLBWATER VILLAGE OF LAKE BLUFF							
PSB H2O 2/4/16	02/25/16	01	WATER:PSB 10/27/15-2/4/16	01-70-930-43230 UTILITIES		03/14/16	393.10
						INVOICE TOTAL:	393.10
PSB SPR 2/4	02/25/16	01	WTR:PSB SPRKLR 10/27/15-2/4/16	01-70-930-43230 UTILITIES		03/14/16	7.50
						INVOICE TOTAL:	7.50
V HALL H20 2/5	02/25/16	01	WATER:V HALL 11/13/15-2/5/16	01-60-900-43230 UTILITIES		03/14/16	69.00
						INVOICE TOTAL:	69.00

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INVOICE # / VENDOR #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	DUE DATE	ITEM AMT
VLBWATER VILLAGE OF LAKE BLUFF							
V HALL SPR 2/5	02/25/16	01	WTR:V H SPRKLR 11/13/15-2/5/16	01-60-900-43230 UTILITIES		03/14/16	7.50
						INVOICE TOTAL:	7.50
						VENDOR TOTAL:	477.10
VISIONSE VISION SERVICE PLAN							
MAR 2016	02/16/16	01	VILLAGE VISION PREM:MAR 2016	01-20-102-20000 ACCOUNTS PAYABLE		03/14/16	303.08
		02	PARK DIST VISION PREM:MAR 2016	01-20-102-20000 ACCOUNTS PAYABLE			166.11
		03	LIBRARY VISION PREM:MAR 2016	01-20-102-20000 ACCOUNTS PAYABLE			56.99
						INVOICE TOTAL:	526.18
						VENDOR TOTAL:	526.18
VISOGRAP VISOGRAPHIC INC							
199189	12/09/15	01	REMINDER WATER BILL FORMS	46-80-800-43400 PRINTING		03/14/16	410.40
						INVOICE TOTAL:	410.40
199190	12/09/15	01	QUARTLY WATER BILL FORMS	46-80-800-43400 PRINTING		03/14/16	410.40
						INVOICE TOTAL:	410.40
200930	02/29/16	01	VILLAGE LETTERHEAD ENVELOPES	01-60-610-43400 PRINTING		03/14/16	1,642.80
						INVOICE TOTAL:	1,642.80
						VENDOR TOTAL:	2,463.60
WAREHOUS WAREHOUSE DIRECT							
2999721-0	03/07/16	01	KITCHEN SUPPLIES:VILL HALL	01-60-900-43660 MAINTENANCE SUPPLIES-BUILD		03/14/16	181.69
						INVOICE TOTAL:	181.69
						VENDOR TOTAL:	181.69
						TOTAL ALL INVOICES:	289,965.01

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INVOICES DUE ON/BEFORE 03/14/2016

VENDOR #	NAME	PAID THIS FISCAL YEAR	AMOUNT DUE
GENERAL FUND			
10	ASSETS		
FEECEOIL	FEECE OIL COMPANY	46,097.38	2,345.20
	ASSETS		2,345.20
20	LIABILITIES		
AFLAC	AFLAC	1,496.24	88.44
BCBS	BLUECROSS BLUE SHIELD OF IL	564,229.19	55,876.74
CHITRICL	CHICAGO TRIBUNE	4,833.84	194.47
DELTADEN	DELTA DENTAL	39,312.88	4,005.53
ICMA RET	ICMA RETIREMENT TRUST 457	85,404.17	4,349.36
IUOEADM	INT'L UNION OF OPER ENGINEERS	6,907.50	374.00
IUOEMEMB	INT'L UNION OF OPER ENGINEERS	1,741.96	82.39
LINCOLN	LINCOLN NATIONAL LIFE INS. CO.	4,960.32	826.72
MOEWF	MIDWEST OP ENGINEERS LOCAL 150	103,900.00	9,300.00
POLPEN	LAKE BLUFF POLICE PENSION FUND	104,259.37	4,974.68
STATEDIS	STATE DISBURSEMENT UNIT	12,173.49	579.69
VISIONSE	VISION SERVICE PLAN	5,139.09	526.18
	LIABILITIES		81,178.20
60	ADMINISTRATION		
ADP	ADP INC.	6,975.81	808.78
ANDERPES	ANDERSON PEST CONTROL	1,241.88	44.29
AT & T	AT & T	26,690.28	382.11
BERNIE'S	BERNIE'S BOOK BANK	690.00	690.00
CDWG	CDW GOVERNMENT, INC.	1,235.28	688.54
CHITRICL	CHICAGO TRIBUNE	4,833.84	106.40
COMCAST	COMCAST CABLE	2,365.78	6.34
DIVINCIP	DI VINCI PAINTERS, INC.		575.00
GLOBALCO	GLOBALCOM INC	4,478.95	202.41
ILCENTRA	ILLINOIS CENTURY NETWORK	760.00	76.00
INTERDEV	INTERDEV, LLC	52,418.54	4,993.81
IRVINDRE	R. DREW IRVIN	3,897.63	319.36
KOCHCREA	KOCH CREATIVE SERVICES, INC.	900.00	900.00
NCCPETER	NCC PETERSEN PRODUCTS	5,430.15	205.50
NORTHSHO	NORTH SHORE GAS	7,287.67	141.06
PCASH	PETTY CASH	4,533.31	182.32
QUILL	QUILL CORP.	3,284.80	131.96
RYDINDEC	RYDIN DECAL		1,568.70
SCHELHAS	WILLIAM A. SCHELHAS	10,080.00	1,440.00

INVOICES DUE ON/BEFORE 03/14/2016

VENDOR #	NAME	PAID THIS FISCAL YEAR	AMOUNT DUE
GENERAL FUND			
60	ADMINISTRATION		
SIKICH	SIKICH, LLP	22,600.00	7,770.00
STAPLES	STAPLES ADVANTAGE	3,990.76	132.56
TESKA	TESKA ASSOCIATES INC.	21,206.68	666.20
TRAINOR	TRAINOR PRINTING & PROMOTIONS		756.36
UNCOFFEE	UNITED COFFEE SERVICE, INC.	5,883.23	180.30
USPOSTAL	UNITED STATES POSTAL SERVICE	8,719.48	1,500.00
VERIZON	VERIZON WIRELESS	13,890.89	269.17
VISOGRAP	VISOGRAPHIC INC	20,961.87	1,642.80
VLBWATER	VILLAGE OF LAKE BLUFF	1,428.64	76.50
WAREHOUS	WAREHOUSE DIRECT	1,812.60	181.69
	ADMINISTRATION		26,638.16
70	PUBLIC SAFETY		
ADVBUSGR	ADVANCED BUSINESS GROUP LLC	3,145.04	387.88
AIRONEEQ	AIR ONE EQUIPMENT, INC.	6,140.67	135.00
ANDERPES	ANDERSON PEST CONTROL	1,241.88	68.13
AT & T	AT & T	26,690.28	1,613.77
BATTTECH	BATTERY TECH CENTRAL	545.20	154.72
BOUNDMED	BOUND TREE MEDICAL, LLC		339.38
CARQUEST	CARQUEST OF LIBERTYVILLE	1,718.60	182.27
CDSOFFIC	CDS OFFICE TECHNOLOGIES		1,400.00
CHICOMM	CHICAGO COMMUNICATION SERV.INC	550.00	37.60
DIVINCIP	DI VINCI PAINTERS, INC.		9,600.00
ESSENEQU	ESSENTIAL EQUIPMENT SOLUTIONS	7,587.34	300.00
GLOBALCO	GLOBALCOM INC	4,478.95	202.39
GRAFIXSH	GRAFIX SHOPPE	196.14	488.67
HARROWNS	HARROW N SONS HANDYMAN		329.00
HAVEYCOM	HAVEY COMMUNICATIONS, INC.	5,538.10	175.00
HOSKINGM	MICHAEL HOSKING	642.21	123.05
ICDHR	ICDHR		40.00
KNOLLANI	KNOLLWOOD ANIMAL HOSPITAL		80.00
LKCTYCOL	COLLEGE OF LAKE COUNTY		378.00
MES-ILL	MUNICIPAL EMERGENCY SERVICES		19.00
NCCPETER	NCC PETERSEN PRODUCTS	5,430.15	205.51
OPTIMA	OPTIMA, INC.		101.17
PACIFICT	PACIFIC TELEMANAGEMENT SERVICE	1,530.00	153.00
PCASH	PETTY CASH	4,533.31	208.06
PRECSERV	PRECISION SERVICE & PARTS, INC	4,064.51	143.76
SHERAUTO	SHERIDAN AUTO PARTS	2,781.13	358.59
STAPLES	STAPLES ADVANTAGE	3,990.76	74.95
STREICHE	STREICHER'S	756.99	170.00

INVOICES DUE ON/BEFORE 03/14/2016

VENDOR #	NAME	PAID THIS FISCAL YEAR	AMOUNT DUE
GENERAL FUND			
70	PUBLIC SAFETY		
THEEXCHA	THE CHEVY EXCHANGE	5,266.96	317.48
TRANSUNI	TRANS UNION RISK & ALTERNATIVE	240.50	25.00
UNCOFFEE	UNITED COFFEE SERVICE, INC.	5,883.23	280.60
VERIZON	VERIZON WIRELESS	13,890.89	838.72
VLBWATER	VILLAGE OF LAKE BLUFF	1,428.64	400.60
	PUBLIC SAFETY		19,331.30
80	PUBLIC WORKS		
AT & T	AT & T	26,690.28	397.92
BAKERPET	PETER BAKER & SON CO.	749,745.52	286.00
BURRISEQ	BURRIS EQUIPMENT CO.	1,602.13	101.85
CITYELEC	C.E.S.	769.21	239.80
COMCAST	COMCAST CABLE	2,365.78	120.50
COMED	COM ED	49,913.11	4,719.31
EXCELLTD	EXCEL LTD. INC.		1,151.00
FILTERSE	FILTER SERVICES	131.12	374.81
FLOLOCOR	FLOLO CORPORATION	6,603.73	3,927.50
GLOBALCO	GLOBALCOM INC	4,478.95	44.97
GRAINGER	W. W. GRAINGER, INC.	2,075.51	27.90
GROOT	GROOT INDUSTRIES	455,206.40	46,131.20
HOMEDEPO	HOME DEPOT CREDIT SERVICES	313.02	5.64
LAWSONPR	LAWSON PRODUCTS, INC.	2,475.22	269.21
LEACHENT	LEACH ENTERPRISES, INC.	779.93	85.38
LECHNER	LECHNER & SONS UNIFORM RENTAL	2,606.37	170.73
MC MASTE	MC MASTER-CARR SUPPLY CO.	2,125.19	78.77
NAPLETON	NAPLETON LIBERTYVILLE FORD	1,291.50	271.53
NORTHSHO	NORTH SHORE GAS	7,287.67	329.34
PCASH	PETTY CASH	4,533.31	60.00
RJNGROUP	RJN GROUP, INC	6,520.02	9,360.25
RUSSOPOW	RUSSO POWER EQUIPMENT	1,178.40	428.75
RYDINDEC	RYDIN DECAL		271.40
SHERAUTO	SHERIDAN AUTO PARTS	2,781.13	128.98
UNCOFFEE	UNITED COFFEE SERVICE, INC.	5,883.23	168.25
UNIONPAC	UNION PACIFIC RAILROAD CO.	25,640.49	3,829.23
USABLUE	USA BLUE BOOK	1,168.55	101.90
VERIZON	VERIZON WIRELESS	13,890.89	260.75
	PUBLIC WORKS		73,342.87

REDEVELOPMENT PROGRAM FUND

INVOICES DUE ON/BEFORE 03/14/2016

VENDOR #	NAME	PAID THIS FISCAL YEAR	AMOUNT DUE
REDEVELOPMENT PROGRAM FUND			
80	PUBLIC WORKS		
BAXTWOOD	BAXTER & WOODMAN	70,090.70	11,265.00
BURKECHR	CHRISTOPHER BURKE ENGINEERING	116,406.58	943.07
	PUBLIC WORKS		12,208.07
VEHICLE/EQUIP REPLACEMENT FUND			
60	ADMINISTRATION		
CDWG	CDW GOVERNMENT, INC.	1,235.28	910.83
	ADMINISTRATION		910.83
WATER FUND			
40	REVENUES		
R0000816	TIM MOORE		57.14
R0001572	JEANNE CLARK		699.60
	REVENUES		756.74
80	PUBLIC WORKS		
BEHMENT	BEHM ENTERPRISES INC.		10,930.00
CLCJAWA	CENTRAL LAKE COUNTY JOINT	523,737.65	46,621.28
COMED	COM ED	49,913.11	411.05
DEMUTHIN	DE MUTH INC	38,925.00	10,275.00
HDSUPPLY	HD SUPPLY WATERWORKS, LTD	20,573.29	292.64
LECHNER	LECHNER & SONS UNIFORM RENTAL	2,606.37	3.00
M.E.SIMP	M.E. SIMPSON COMPANY, INC.	790.00	1,040.00
PCASH	PETTY CASH	4,533.31	16.00
SIKICH	SIKICH, LLP	22,600.00	2,590.00
USPOSTAL	UNITED STATES POSTAL SERVICE	8,719.48	253.87
VISOGRAP	VISOGRAPHIC INC	20,961.87	820.80
	PUBLIC WORKS		73,253.64
	TOTAL ALL DEPARTMENTS		289,965.01

VILLAGE OF LAKE BLUFF 2015-16
PAYROLL BREAKDOWN BY DEPARTMENT

Attachment 2

ANNUAL **ACTUAL** 2014-15	ANNUAL *BUDGET* 2015-16	**FUND** DEPARTMENT	JANUARY 2016	FEBRUARY 2016	**(4)** FY14-15 Accrual	2015-16 YR-TO-DATE **ACTUAL**	2015-16 YR-TO-DATE *BUDGET*	% OF *BUDGET* EXPENDED	**(6)** 2014-15 YR-TO-DATE **ACTUAL**
		General							
338,315	352,500	Administrative	28,573.37	27,608.37	(4,978)	295,047	284,712	83.70%	271,051
268,227	276,000	Finance	20,940.00	20,940.00	(4,084)	224,211	222,923	81.24%	212,855
1,522,553	1,605,000	Police Sworn	126,856.72	119,984.17	(22,800)	1,301,938	1,296,346	81.12%	1,218,842
287,938	151,000	Police Support Serv	9,868.62	10,349.83	(2,000)	109,310	121,962	72.39%	260,236
9,749	9,850	Crossing Guards	0.00	0.00	0	6,920	7,956	70.25%	9,749
64,330	68,400	Fire **(Notes 2-3)**	4,678.56	4,678.56	(1,871)	47,254	55,246	69.08%	50,762
183,639	136,000	Community Develop	11,506.52	10,432.43	(4,600)	128,954	109,846	94.82%	123,564
		PUBLIC WORKS:							
291,530	283,500	Streets, Lighting	23,193.75	21,879.10	(9,600)	231,046	228,981	81.50%	217,924
6,638	7,125	Sanitation	0.00	0.00	(200)	3,613	5,755	50.70%	5,251
62,160	82,700	Forestry	5,448.65	6,113.91	(1,840)	49,679	66,796	60.07%	48,997
27,086	31,000	Parks & Parkways	4,600.60	2,364.53	(240)	39,565	25,038	127.63%	25,832
78,377	117,500	Sewer	7,649.61	10,162.79	(2,680)	77,790	94,904	66.20%	59,423
16,600	9,350	Village Hall Bldg	1,637.91	693.27	(500)	12,869	7,552	137.63%	13,057
16,600	9,350	Public Safety Bldg	1,637.91	693.27	(500)	12,869	7,552	137.63%	13,057
16,600	5,225	Public Works Bldg	1,637.91	432.88	(500)	12,608	4,220	241.30%	13,057
26,703	34,250	Commuter Station	2,048.85	2,613.19	(1,000)	21,316	27,663	62.24%	20,720
216,531	209,000	**Water**	16,685.74	16,143.19	(5,000)	183,168	168,808	87.64%	145,083
3,433,574	3,387,750	TOTAL	266,964.71	255,089.49	(62,393)	2,758,155	2,736,260	81.42%	2,709,459

VILLAGE OF LAKE BLUFF 2015-16 4-Mar-16 **ATTACHMENT #2**
PAYROLL BREAKDOWN BY DEPARTMENT

ANNUAL ACTUAL 2014-15	ANNUAL *BUDGET* 2015-16	FUND	DEPARTMENT	MAY 2015	JUNE 2015	JULY 2015	AUGUST 2015	SEPTEMBER 2015	(1) OCTOBER 2015	NOVEMBER 2015	DECEMBER 2015
		General									
338,315	352,500		Administrative	36,035.29	26,471.46	27,164.90	27,263.37	30,099.41	41,382.55	27,608.37	27,818.37
268,227	276,000		Finance	23,500.40	20,940.00	21,044.11	20,940.00	21,044.11	37,066.50	20,940.00	20,940.00
1,522,553	1,605,000		Police Sworn	126,651.11	122,910.88	140,394.42	125,997.94	127,355.62	191,450.64	121,917.17	121,219.54
287,938	151,000		Police Support Serv	11,145.56	11,067.83	10,670.64	11,083.11	10,785.21	15,616.40	10,647.71	10,074.85
9,749	9,850		Crossing Guards	0.00	1,740.01	2,341.51	2,698.02	140.38	0.00	0.00	0.00
64,330	68,400		Fire **(Notes 2-3)**	4,678.56	4,678.56	4,678.56	4,678.56	4,678.56	7,017.84	4,678.56	4,678.56
183,639	136,000		Community Develop	7,490.22	11,065.42	20,711.70	14,150.31	14,222.81	19,254.64	12,443.86	12,275.62
			PUBLIC WORKS:								
291,530	283,500		Streets, Lighting	17,810.02	19,828.49	26,451.05	23,499.27	21,704.55	43,322.92	21,151.65	21,804.86
6,638	7,125		Sanitation	500.00	500.00	437.50	500.00	500.00	750.00	625.00	0.00
62,160	82,700		Forestry	4,409.43	4,634.24	5,119.09	4,896.30	4,776.69	6,575.19	4,543.96	5,001.86
27,086	31,000		Parks & Parkways	1,370.07	7,613.78	10,303.40	6,991.47	1,693.10	2,067.08	1,421.67	1,378.86
78,377	117,500		Sewer	7,301.99	6,631.26	7,539.89	7,046.95	6,596.46	14,087.58	6,299.34	7,154.10
16,600	9,350		Village Hall Bldg	1,242.20	1,183.38	1,501.55	1,167.05	1,330.40	1,881.25	1,295.00	1,436.57
16,600	9,350		Public Safety Bldg	1,242.20	1,183.38	1,501.55	1,167.05	1,330.40	1,881.25	1,295.00	1,436.57
16,600	5,225		Public Works Bldg	1,242.20	1,183.38	1,501.55	1,167.05	1,330.40	1,881.25	1,295.00	1,436.57
26,703	34,250		Commuter Station	2,287.72	2,048.85	2,048.85	2,048.85	2,048.85	3,073.28	2,048.85	2,048.85
216,531	209,000	**Water**		13,225.64	15,357.52	25,399.94	19,222.45	18,283.60	30,462.77	16,488.30	16,898.98
3,433,574	3,387,750		TOTAL	260,132.60	259,038.45	308,810.20	274,517.72	267,920.52	417,771.13	254,699.45	255,604.17

1. **The Village pays employees bi-weekly; there will be three payrolls in October 2015 and March 2016.**
2. **The Fire department volunteers are reimbursed through accounts payable in June & Dec.**
3. **The Fire Secretary is paid bi-weekly through payroll.**
4. **FY14-15 Pay Accrual is salaries paid in May 2015 but expensed/earned in April 2015.**
5. **FY15-16 Pay Accrual is salaries paid in May 2016 but expensed/earned in April 2016.**
6. **May 2014 (FY14-15) had three payroll periods compared to 2 periods in May 2015.**

VILLAGE OF LAKE BLUFF
REQUEST FOR BOARD ACTION

Agenda Item: 6b

Subject: FEBRUARY 2016 FINANCIAL REPORT

Action Requested: RECEIPT OF FINANCIAL REPORT (Voice Vote)

Originated By: DIRECTOR OF FINANCE

Referred To: VILLAGE BOARD

Summary of Background and Reason For Request:

Attached for your consideration is the February 2016 Financial Report.

Highlights of this report are:

- Sales tax revenue for May-November 2015 is $1.66 million which is $189k or 13% greater and home rule sales tax of $453k is $116k or 34% greater than the same period in 2014;
- Income tax receipts of $468k for May 2015-February 2016 is 11% greater than the same period in 2014-15;
- Building permit revenue projection has been revised from $660k to $500k as some anticipated building activity is not expected to commence before May 1st;
- Capital project expenditures exceed the same period in the prior fiscal year by $552k;
- Water billed consumption is down 7.331 million gallons. This resulted in a decline in water sales of $17k (after accounting for the change in water rates.);
- We continue to closely monitor the actions in Springfield and assess the implications to the Village of potential changes in State-shared revenue allocations, property tax limitation changes, or pension reform become law; and
- Finance Committee meeting scheduled for Monday, March 14, 2016 at 6 PM in the Village Hall Board Room.

Reports and Documents Attached:

- February 2016 Financial Report

Village Administrator's Recommendation: Acceptance of Report.

Date Referred to Village Board: **2/22/2016**

VILLAGE OF LAKE BLUFF

MEMORANDUM

TO: Village President and Board of Trustees
Drew Irvin, Village Administrator

FROM: Susan M. Griffin, Director of Finance

DATE: March 9, 2016

SUBJECT: February 2016 Monthly Report

Treasury Report – Exhibit A

Attached is the two page Treasury Report for February 2016. The total cash and investments in the treasury for the governmental and water funds are $9,249,695 plus $8,944,384 for the Police Pension Fund.

Investment Report – Exhibit B

Attached is the Investment Report for the month ending February 29, 2016. The par value plus interest credited to the CD's for the governmental and Water fund short-term investments is $2,734,821. The Village investments are managed within the guidelines of the Village's Cash Management and Investment Policy.

Budget Analysis Report – Exhibit C

Attached is the Budget Analysis Report for May 2015-February 2016. The revenues in Exhibit C reflect actual and estimated receipts. Below is more specific information about the major revenues and expenditures by fund. The General and Water Funds revenues and expenditures that exceed or are under 20% of the prior year amounts have been highlighted on Exhibit C.

General Fund Revenues:

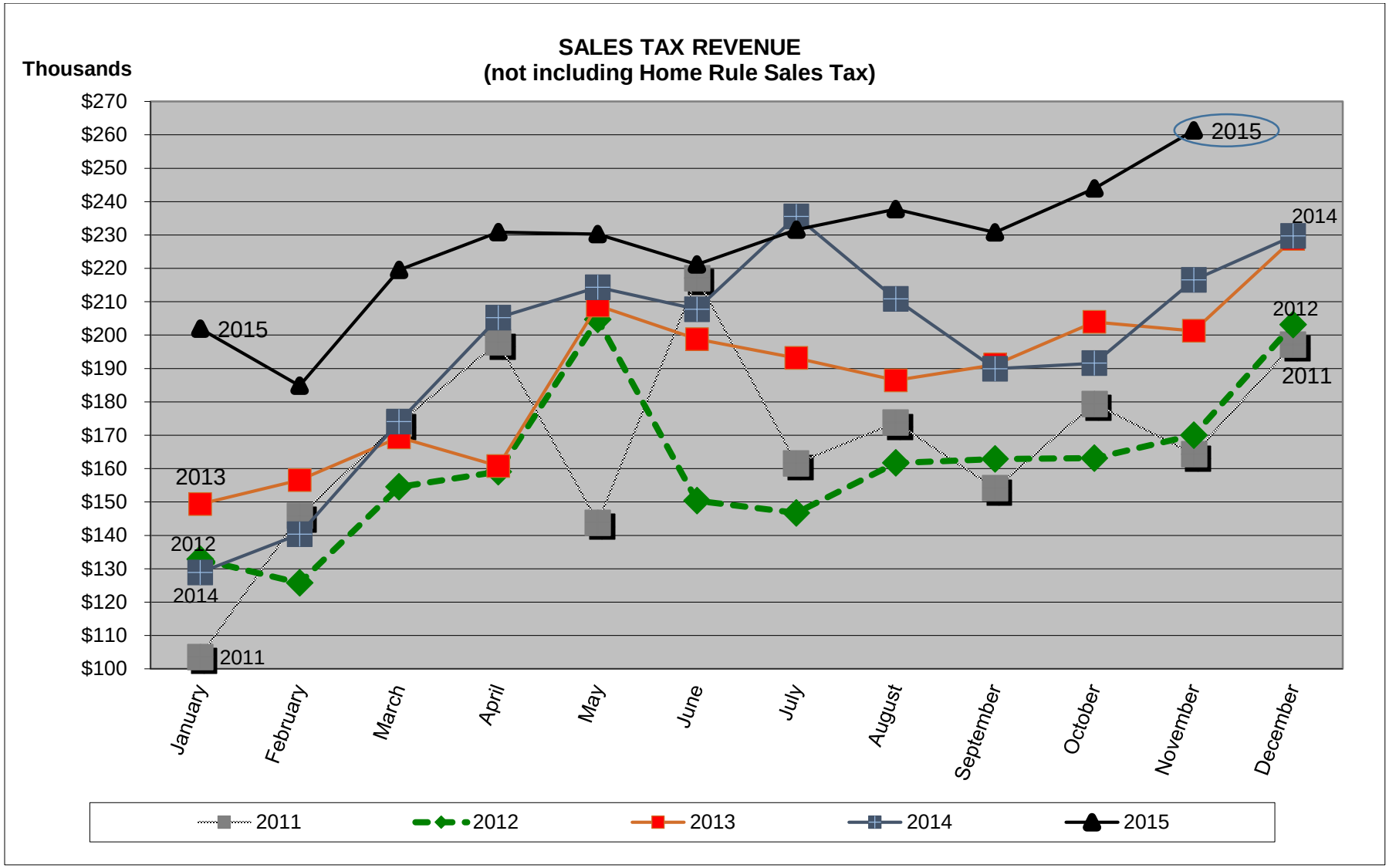
Property Tax revenue is received predominately in June and September as the taxes are due by the first week of those months. The *total* Village tax *extension* for the 2014 property taxes (received in FY16) is $3,149,695 with the General Fund receiving 69% or $2,169,083 of the monies. The IMRF, FICA and Police Pension Funds receive the balance of the revenues of $980,610. The Police Pension property taxes are recorded as a revenue in the General Fund and a transfer out of the General Fund into the Police Pension Fund in compliance with GASB. The FY16 actual distribution from the County represents 99.1% of the total tax extension which 1.4% less than last year at 100.5%.

Sales Tax Revenue (non-home rule 1% and local use tax) is shown in table format on the next page with monthly revenues for FY16, FY15, and FY14. This chart reflects the May-November 2015 revenues for FY16 which are $189,094 or 13% greater than the same period in 2014. The FY15 sales taxes of $2,533,246 are $272,370 or 12% greater than FY14. The chart on page 3 shows the non-home rule sales tax by month for the calendar years 2009 through September 2015. December-January numbers have not been reported to the municipalities at this time.

Liability Month	FY15-16 Revenue (A)	FY14-15 Revenue (B)	$ Change FY15 to FY16 (A-B)	FY13-14 Revenue (C)	$ Change FY14- FY15 (B-C)
May 2015	$ 230,253	$ 214,330	$ 15,923	$ 208,839	$ 5,491
June	$ 221,167	$ 207,740	$ 13,427	$ 198,781	$ 8,959
July	$ 231,558	$ 235,549	($ 3,991)	$ 193,135	$ 42,414
August	$ 237,694	$ 210,817	$ 26,877	$ 186,436	$ 24,381
September	$ 229,733	$ 189,923	$ 39,810	$ 191,150	($ 1,227)
October	$ 243,811	$ 191,588	$ 52,223	$ 203,927	($ 12,339)
November	$ 261,349	$ 216,524	$ 44,825	$ 201,292	$ 15,232
December		$ 229,680		$ 228,777	$ 903
January 2016		$ 201,909		$ 128,878	$ 73,031
February		$ 184,808		$ 140,358	$ 44,450
March		$ 219,534		$ 174,087	$ 45,447
April		$ 230,844		$ 205,216	$ 25,628
FY Total	**$1,655,565**	**$2,533,246**	**$ 189,094**	**$2,260,876**	**$ 272,370**
FY Monthly Average	$ 236,509	$211,104		$188,406	

Home rule sales tax became effective January 1, 2006 with actual receipts shown below. By statute this 1% tax does not apply to food/medicines and titled products such as autos. The FY2016 home rule sales tax revenue is $115,858 or 34% higher than the same period in 2014. The FY2015 home rule sales taxes of $544,272 are $18,839 or 3.6% more than FY14 revenue. The chart on page 4 shows the home rule sales tax by month for the calendar years 2009 through September 2015.

Home Rule Sales Tax By Liability Month	FY2015-16 Revenue (A)	FY2014-15 Revenue (B)	$ Change FY15 to FY16 (A-B)	FY2013-14 Revenue (C)	$ Change FY14 to FY15 (B-C)
May 2015	$ 60,325	$ 51,864	$ 8,461	$ 54,714	($ 2,850)
June	$ 55,143	$ 53,809	$ 1,334	$ 50,760	$ 3,049
July	$ 59,056	$ 45,382	$13,674	$ 41,299	$ 4,083
August	$ 65,060	$ 47,867	$17,193	$ 44,476	$ 3,391
September	$ 69,262	$ 44,378	$24,884	$ 48,429	($ 4,051)
October	$ 71,862	$ 49,349	$22,513	$ 44,804	$ 4,545
November	$ 72,579	$ 44,780	$27,799	$ 43,688	$ 1,092
December		$ 51,229		$ 56,579	($ 5,350)
January 2016		$ 40,487		$ 28,248	$ 12,239
February		$ 30,334		$ 27,948	$ 2,386
March		$ 37,121		$ 38,973	$ (1,852)
April		$ 47,672		$ 45,515	$ 2,157
FY Total	**$453,287**	**$544,272**	**$115,858**	**$525,433**	**$ 18,839**
FY Monthly Average	**$ 64,755**	**$ 45,356**		**$ 43,786**	


SALES TAX REVENUE
(not including Home Rule Sales Tax)
Thousands
$270
$260
$250
$240
$230
$220
$210
$200
$190
$180
$170
$160
$150
$140
$130
$120
$110
$100
2015
2014
2012
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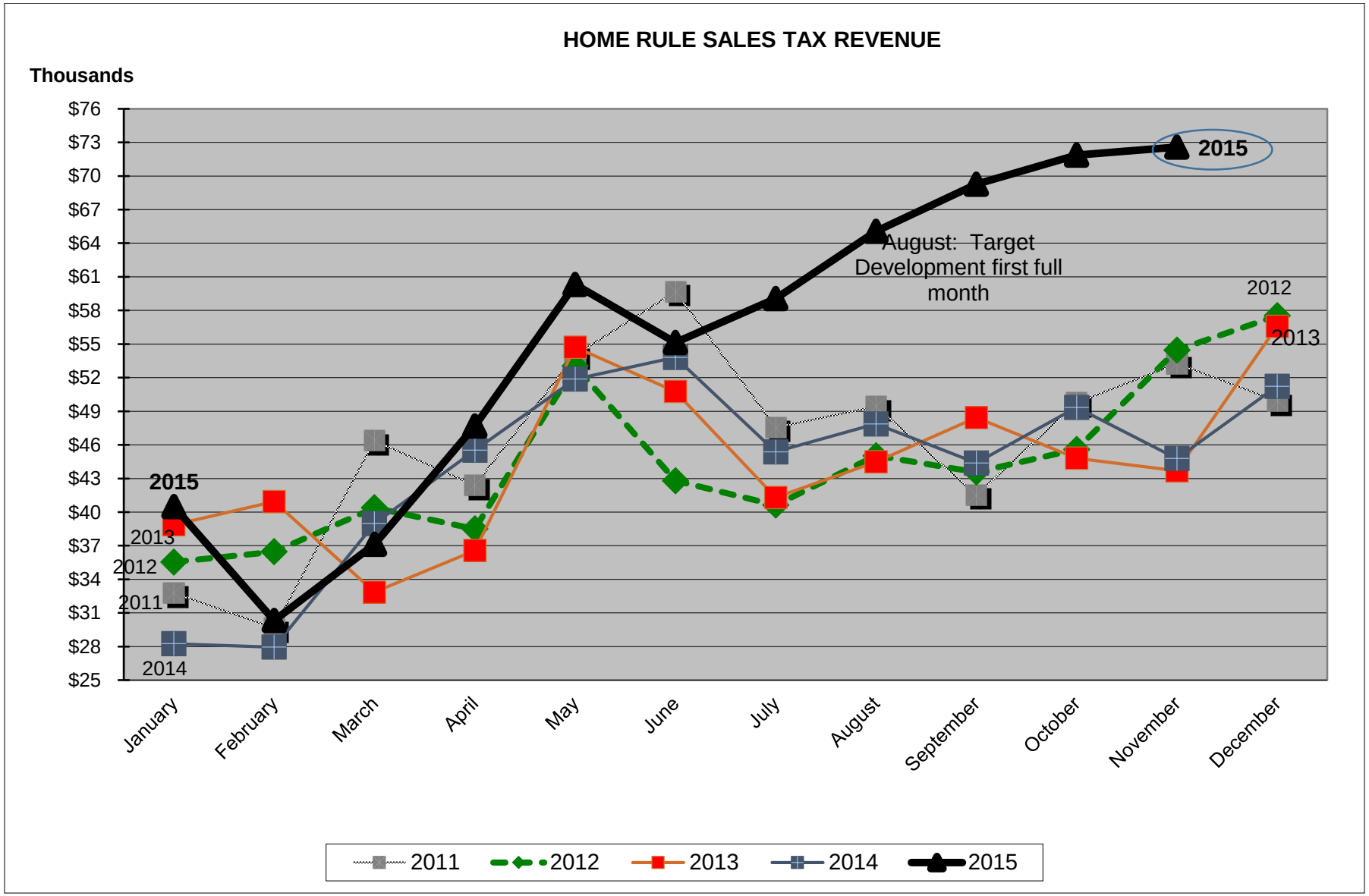
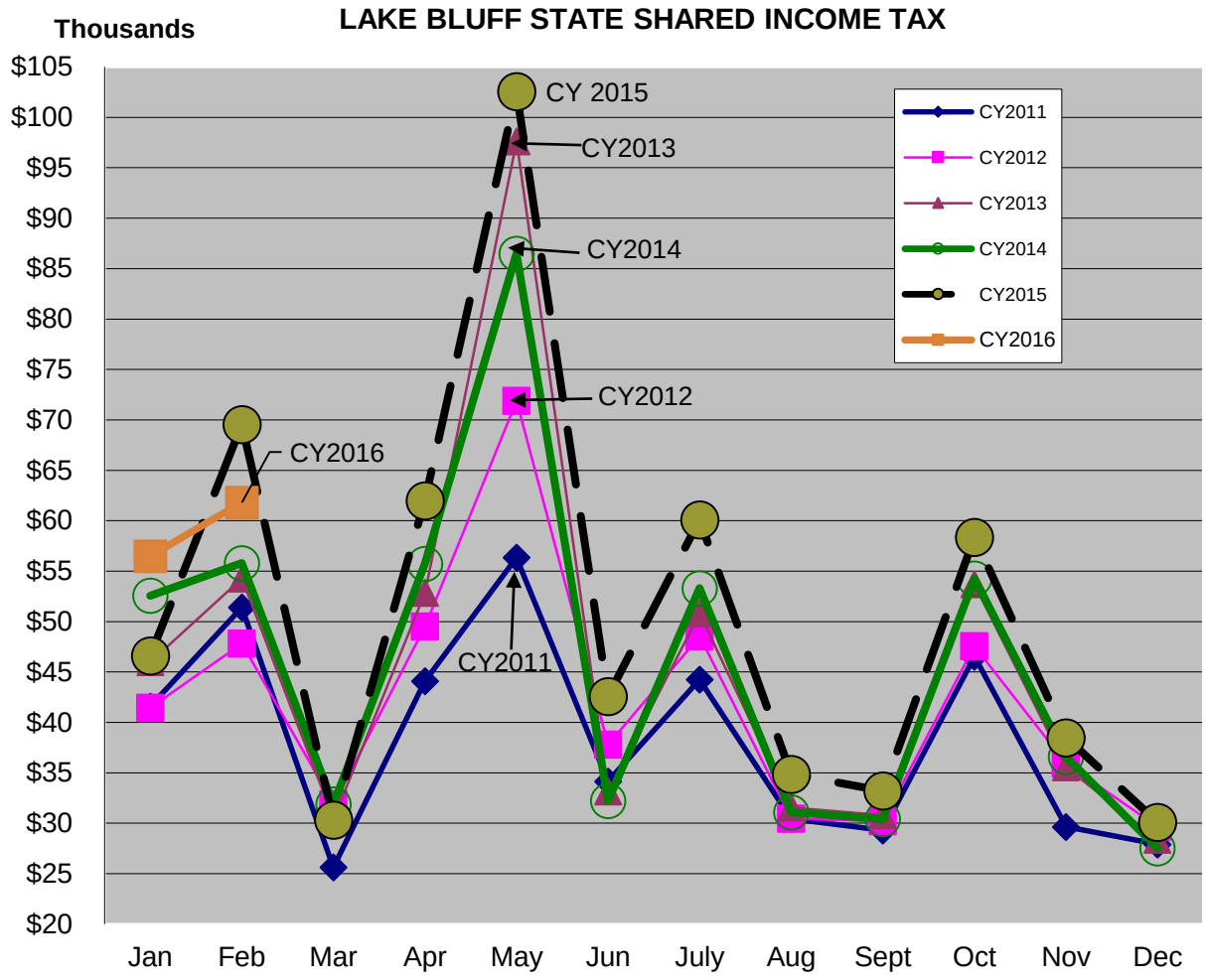
December
2011
2012
2013
2014
2015


HOME RULE SALES TAX REVENUE
Thousands
$76
$73
$70
$67
$64
$61
$58
$55
$52
$49
$46
$43
$40
$37
$34
$31
$28
$25
2015
August: Target Development first full month
2012
2013
2015
2013
2012
2011
2014
January
February
March
April
May
June
July
August
September
October
November
December
2011
2012
2013
2014
2015

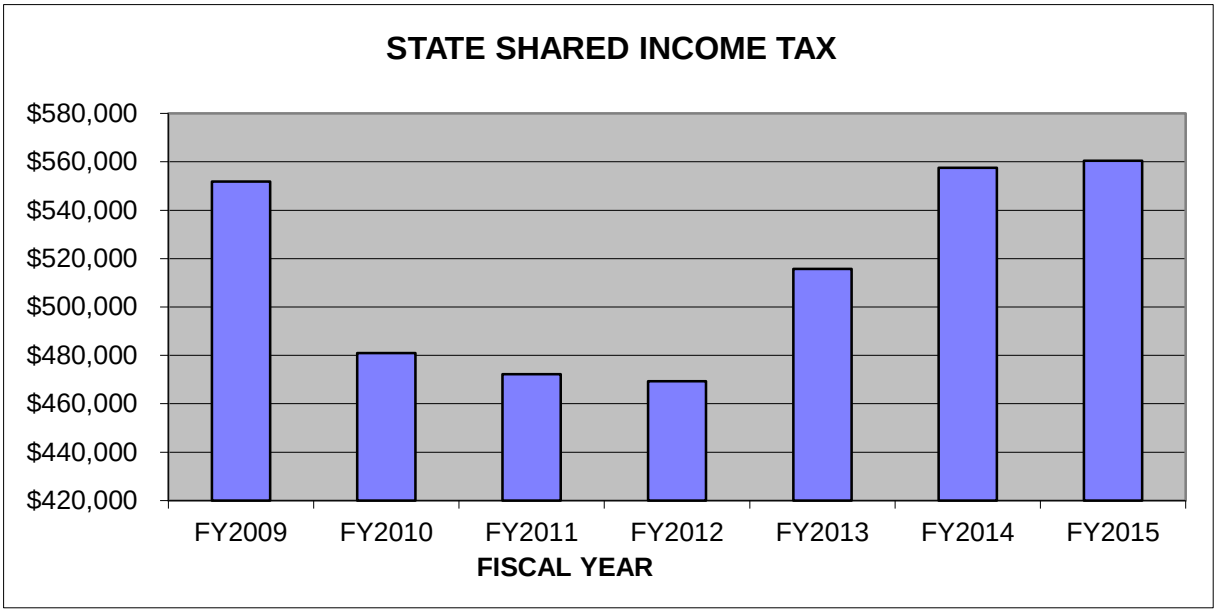
Other Taxes category encompasses state income, personal property replacement, and the demolition tax.

The actual income tax revenue for May 2015-February 2016 (FY16) at $518,548 is 10.8% higher than the same period in FY15 at $468,045. Below is a chart showing the income tax revenues by month from January 2011-February 2016.



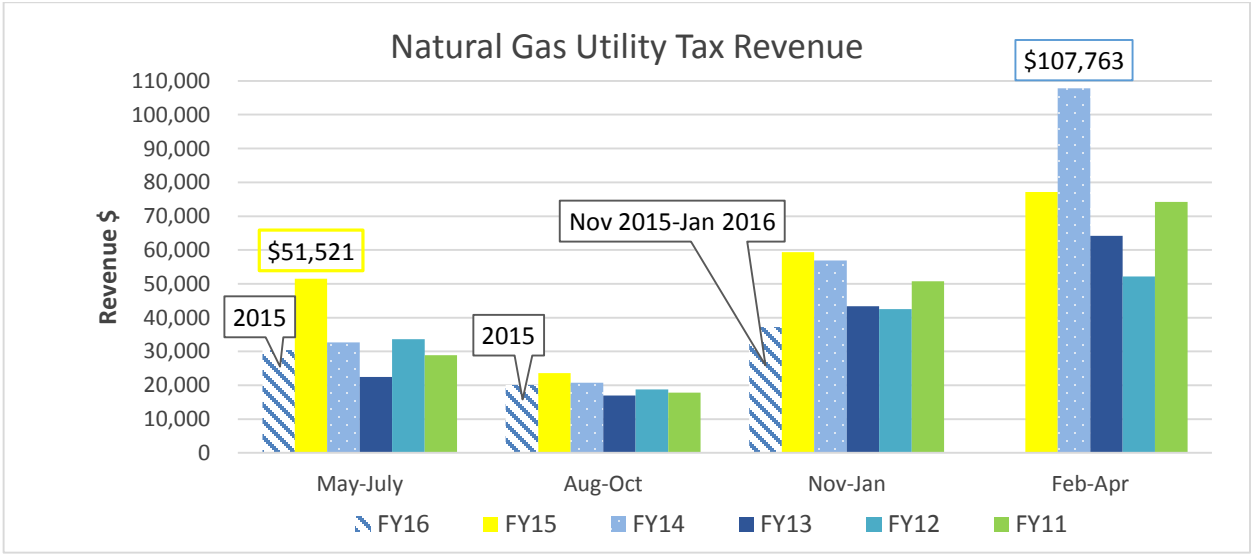
According to the Illinois Municipal League, the 36% jump in the May 2013 receipts were an aberration caused partly by individuals and corporations reporting capital gains income in anticipation of significant changes in Federal tax policy. The revenue for May 2015 is $102,570 or 5% more than May 2013. Again this could be an increase in capital gains.

The following page shows a bar graph of the income tax revenue by fiscal year for FY09-FY15. Fiscal year 2014 total revenue of $557,587 was only $9 less than the peak revenue of $557,596 in FY08 and $41,917 or 8% greater than FY13. Fiscal year 2015 exceeds the FY08 peak by 0.5% with total revenues of $560,382. However, this source of revenue is one that is likely to decline if the State revises the formula for sharing income tax revenue with local municipalities. No word yet with any conclusive plans regarding changes to the municipal share as the State still has not approved a FY2015-16 budget.



Utility Taxes category is comprised of a tax on electric, natural gas, and telecommunications usage. The tax is 5% of the distribution, supply, furnishing or sale of natural gas and electricity consumed within the Village with the electric tax being based on tiers of kilowatt hours usage. The telecommunications tax is 5% of the gross charge for the act or privilege of originating or receiving telecommunications in the Village and all services rendered in connection therewith. The figures on Exhibit C reflect estimates for the utility taxes.

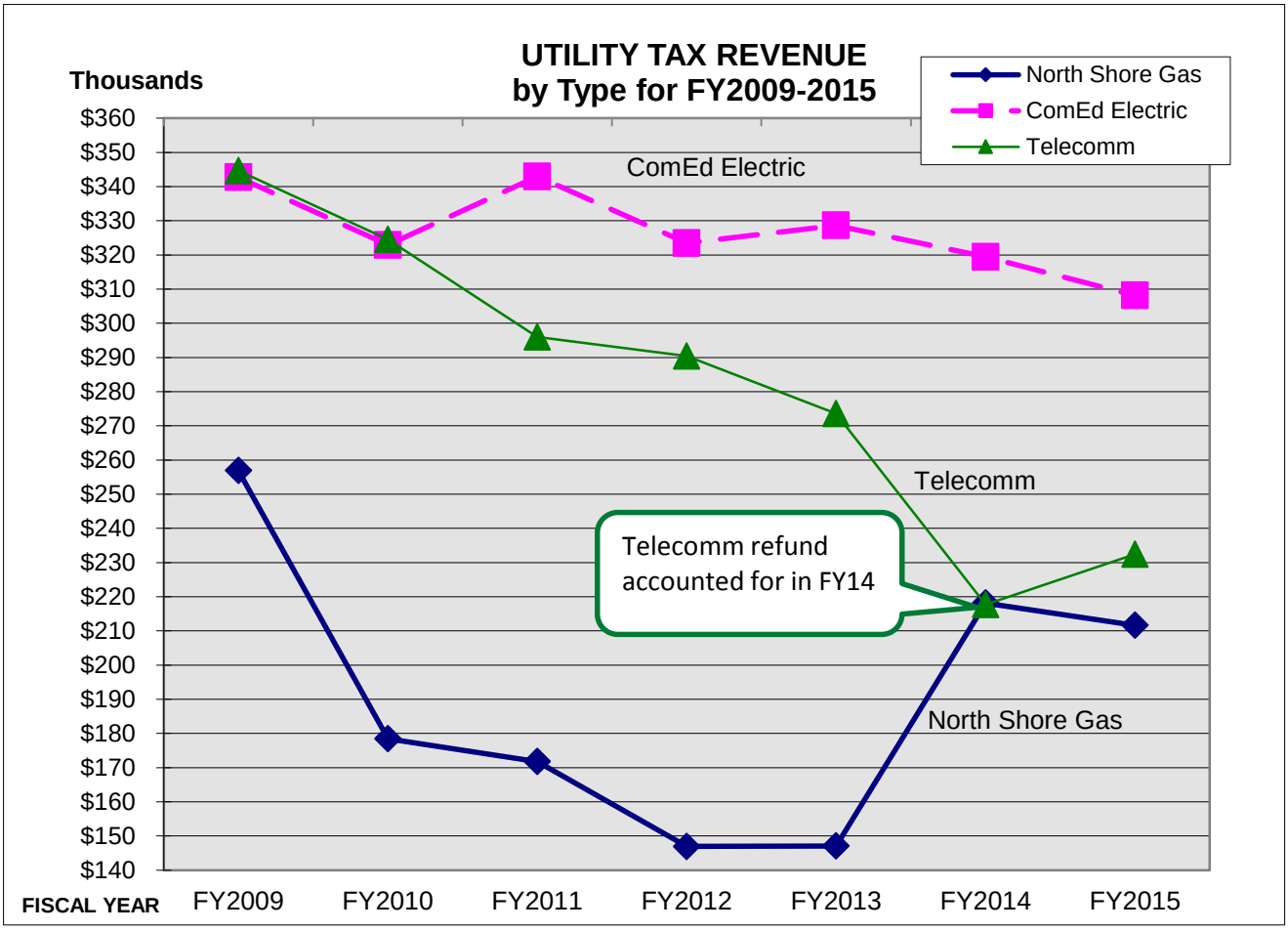
North Shore Gas utility tax revenues are received quarterly in June (for February-April), September (for May-July), December (for August-October), & March (for November-January). The FY15 taxes are $211,628 or 3% less than FY14. The FY14 taxes are $218,129 which is $71,057 or 48% greater than FY13. The February-April 2014 quarter amount of $107,763 was 68% greater than the same quarter in 2013. This is attributed to the increase in natural gas consumption for building heating because of the subzero temperatures experienced in the Midwest during the winter of 2014. This cooler weather pattern is assumed to be partly the reason for the May-July 2014 amount of $51,521 which is the highest amount received for the summer quarter since at least 1996! May-July 2015 tax of $30,411 is consistent with the same quarters in previous years, except for 2014. The August-October 2015 tax of $20,059 is slightly less than the prior year. The November 2015-January 2016 tax of $37,234 is 37% less than the same period the prior year consistent with the low fuel prices and mild winter weather. Below is a chart showing the natural gas tax revenues by quarter for the past 5 years.



ComEd electric tax actual revenue for May 2015-January 2016 (FY16) at $234,711 is 1.3% greater than $231,740 for the same period in 2014-15. FY15 of $308,147 is $11,309 or 3.5% less than the $319,456 revenue for FY14. The FY14 revenue was $9,178 or 2.8% less than FY13 revenue of $328,634.

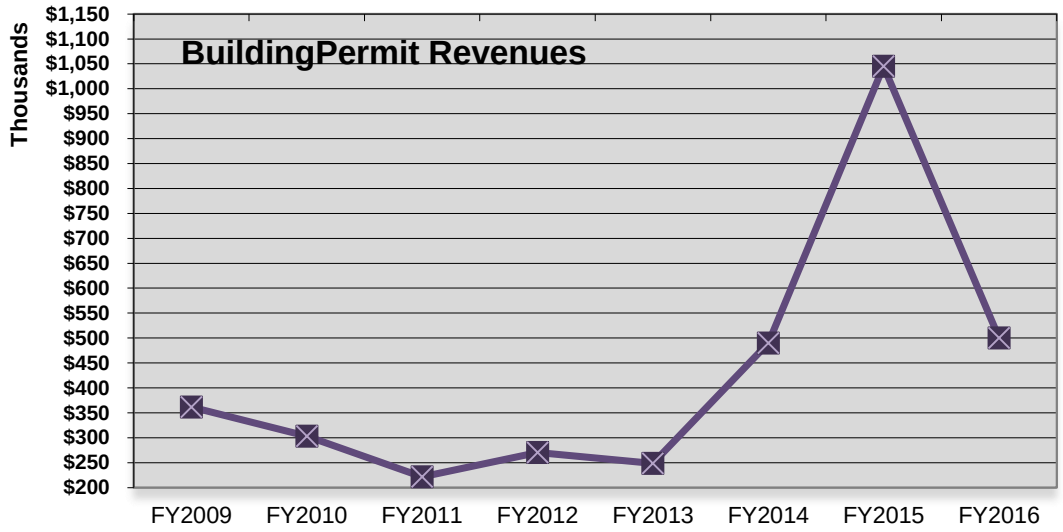
Actual **telecomm taxes** are remitted to the Village by the State; actual receipts lag about 3-4 months from the liability period. The Village May-October 2015 revenue of $112,383 is 5.6% less than the same period in 2014 of $119,107. In March 2013 the State notified the Village that a large telecommunications carrier was ordered to seek refunds from the states on behalf of customers that were charged telecomm taxes on transactions that were not properly taxable under federal and state laws. Illinois municipalities were advised that a significant portion of the State refunds involved proceeds that were distributed to local governments. The Village's portion of the recovery of distributions was $32,792. While the State recovered these funds over an equal amount each month for a year during FY15, the Village reduced its FY14 telecommunications tax revenue by this amount. After this adjustment, FY14 revenue is $217,745; $55,867 or 25.7% less than FY13 revenue of $273,612. The FY15 revenue is $231,348 compared to $217,745 for FY14 (after taking into account the refundable adjustment noted above) which represents a 6.2% increase.

Below is a chart showing the telecommunications (from various sources), ComEd electric, and the North Shore natural gas utility taxes by fiscal year. Upon review of this chart, it is clear that all three of these revenue sources are well below their pre-2008-2009 amounts. Given the more efficient appliances, consumer conservation habits, and the lower price of fuel, projections are that this source will not likely rise to those levels in the next five years.



Building Permit revenue for May 2015-February 2016 is $412,545 compared to $966,199 for the same period in FY15. On March 4th the Village received a building permit fee of $20,800 for 95 Clay Ct bringing the total to-date of $433,345. While the FY16 budget was reduced to account for the decline in commercial redevelopment projects; this period represents 63% of the FY16 annual building permit projected revenue. I lowered the FY16 projection from $660,000 to $500,000 as some anticipated building permits are not expected before May 1st and overall construction values are down. FY15 ended the year at $1,045,008; 113% more than the receipts for FY14 due to the Target development, Heinen's remodeling of the Dominick's store and two large residences in Lansdowne.

Below is a graph of the building permit revenues since FY09 with a revised estimate of revenues for FY2016.



Sewer charge revenue from May 2015-February 2016 of $139,920 is $3,409 or 2.4% less than the same period in FY15. Total FY15 revenues of $161,358 are 9.4% less than FY14 consistent with the reduction in water consumption attributed to the mild summer and fall. The sewer charge is billed at the rate of $1.10 per thousand gallons of water used with a credit during the billing months of August-October for water presumed for lawn irrigation purposes.

General Fund Expenditures:

The May 2015-February 2016 expenditures of $7.145 million are $190,439 or 2.7% more than the same period in FY15 and represents 71% of the budget consistent with last fiscal year. Police Records division costs are less than last year because the Village had internal dispatch services until September 2014. Crossing guards division has been moved to the Police Records division in FY16. The decrease in Fire department expenditures is attributed the purchase in FY15 of diesel exhaust systems for the fire engines in the amount of $44k (paid for with an AFG grant.) Street division expenditures and capital spending is up $552,340 over last year due to the road paving projects (of $744k.)

FY16 General Fund capital projects *budget* includes: $709k for street repaving/curb and gutter replacements; $285k for sewer and lift station improvements; $280k for the West Scranton Ave pedestrian bridge (which is on-hold pending the State's decision on the grant monies); $167k for sidewalk extension and deteriorated panel replacements; $100k for gateway signage and corridor improvements; and $90k for building maintenance and ADA improvements.

Interfund transfers are for the Police Pension property taxes, Vehicle Replacement contributions, and the 2012 Refunding Bonds debt payment. Refunding bond interest is paid in June and December with principal payment in December each year.

Water Fund Revenues:

The Water sales in dollars for May 2015-February 2016 is 2.6% or $28k lower than the same period in FY15. Billed consumption was 142.714 million gallons (mg) for this period compared to 150.045 mg for the same period in FY15. The decrease in billed consumption of 7.331 mg reduced the revenue by $51k but the rate increase added $21k to the sales revenue. The remaining difference in sales revenue of $2k is attributed to water hydrant consumption, customer charges and late fees. The water rate was changed on May 1, 2015 from $6.80 to $6.95 per thousand gallons of water consumed.

Water Purchases:

Water purchases for May 2015-February 2016 are 196.876 mg compared to 200.054 mg for the same period in FY15. Effective May 1, 2015, CLCJAWA increased the wholesale water rate from $2.60 to $2.68 per 1,000 gallons of water purchased. The decline in water purchased of 3.178 mg accounted for $8.5k in less cost but the increase in the rate added $16k to the expense for a net difference of $7.5k (1.4% increase) in water purchase expense in FY16 compared to the same period in FY15.

The water billing system is currently being examined to determine the reason for the substantial difference between the water purchases decrease of 3.178 mg compared to the water sales decrease of 7.331 mg. An internal billing audit did not uncover any billing discrepancies; however, PW has located some leaks in the water mains and is continuing to assess the physical infrastructure to find and correct system breaks causing this unacceptable gap.

Special Revenue, Capital Projects, and Debt Service Funds:

The revenues and expenditures for these funds are consistent with their specified purpose. The IMRF Fund expenditures increased by $194k in January due to the accelerated pension payment pursuant to Public Act 97-0609 requiring employers to pay that portion of the present value of a pension attributable to "earnings increases" within the final rate of earnings period (highest consecutive 48 months) which exceed the greater of 6% or 1.5 times the increase in the CPI-Urban. "Earnings increases" include payouts at retirement of accrued vacation, holiday and a portion of unused sick time. The IMRF and FICA funds expenditures are financed by property tax revenues. The Motor Fuel Tax Fund (MFT) receives allotments each month from the state to be used exclusively for roadway improvements. In FY16 all road improvements are expensed in the General Fund and in FY15 the General Fund supplemented the MFT by $182k for a total road expenditures of $490k. The Redevelopment Fund expenditures are for the $115k for the Moffett Road box culvert improvement project and $65k for the Sheridan Rd/Scranton Ave pedestrian traffic safety enhancements.

Finance Committee Meeting

The next Finance Committee is scheduled for Monday, March 14, 2016 at 6:00 PM to discuss the FY2017-FY2018 Official Pay Plan.

09-Mar-16

Village of Lake Bluff
Treasury Report

EXHIBIT A1

For the Month Ending February 29, 2016

Fund Name	#	Beginning Cash Balance	Cash Receipts	Disbursements Acct. Pay/EFT	Disbursements Gross Payroll Pension Benefits	Inter-Fund Transfers/ Other Transactio	February 2016 Ending Cash Balance
General	1	6,629,477.20	622,078.53	336,820.71	238,946.30		6,675,788.72
IMRF	7	58,277.02		13,189.41			45,087.61
Foreign Fire Tax	10	24,346.43	28,213.61	17,936.13			34,623.91
Social Security	14	189,775.07		18,916.85			170,858.22
Motor Fuel Tax	29	275,460.24	12,473.21				287,933.45
E911	32	253,235.59	5.85				253,241.44
2006 G.O. Bonds	37	715.40					715.40
Special Serv	38	13,437.86					13,437.86
Capital Improve	42	13,770.32					13,770.32
Redevelopment	43	159,733.19		51,342.84			108,390.35
Vehicle Replace	45	741,528.78		38,895.00			702,633.78
Water Fund	46	905,336.11	105,044.92	52,820.41	16,143.19		941,417.43
Train Wreath	61	1,796.50					1,796.50
Subtotal		$ 9,266,889.71	$ 767,816.12	$ 529,921.35	$ 255,089.49	$ -	$ 9,249,694.99
Police Pension (a)	62	8,981,788.24	27,829.17	1,497.02	63,736.64		8,944,383.75
Total		$ 18,248,677.95	$ 795,645.29	$ 531,418.37	$ 318,826.13	$ -	$ 18,194,078.74

(a) Other Transactions is the net loss on the sale of investments in January 2016.

09-Mar-16

Village of Lake Bluff
Treasury Report

EXHIBIT A2

As of February 29, 2016

Fund Name	#	Checking Accounts Max Safe LF Bnk	Savings/ Money Market	IL Funds	Certificates of Deposit (a)	Corporate Bonds	Federal Gov't & Municipal Obligations	Mutual Funds Stocks/Equities (a)	February 29, 2016 Total Cash & Investments
General	1	1,740,795.97	0.00	2,468,039.53	2,466,953.22				6,675,788.72
IMRF	7			45,087.61					45,087.61
Foreign Fire Tax	10	34,623.91							34,623.91
Social Security	14			170,858.22					170,858.22
Motor Fuel Tax	29			287,933.45					287,933.45
E911	32			253,241.44					253,241.44
2006 G.O. Bond	37			715.40					715.40
Special Serv	38			13,437.86					13,437.86
Capital Improve	42			13,770.32					13,770.32
Redevelopment	43			108,390.35	0.00				108,390.35
Vehicle Replace	45			434,921.17	267,712.61				702,633.78
Water Fund	46	569,599.83		371,817.60	0.00				941,417.43
Train Wreath	61			1,796.50					1,796.50
Subtotal		$ 2,345,019.71	$ -	$ 4,170,009.45	$ 2,734,665.83	$ -	$ -		$ 9,249,694.99
Police Pension	62	102,548.40	666,275.61		-	1,936,458.95	2,282,664.50	3,956,436.29	8,944,383.75
Total		$ 2,447,568.11	$ 666,275.61	$ 4,170,009.45	$ 2,734,665.83	$ 1,936,458.95	$ 2,282,664.50	$ 3,956,436.29	$ 18,194,078.74

(a) The CD's are shown with interest that has been added to the principal balance. The Police Pension investments are shown at market value as of April 30, 2015. The Police Pension Fund is the only fund allowed to invest in equities.

VILLAGE OF LAKE BLUFF **OUTSTANDING INVESTMENTS AS OF MAY 31, 2015** 17-Jun-15 **EXHIBIT B**

#	Certif Nmbr	Amount	Interest Rate	Purchase Date	Maturity Date	Investment Maturities	Interest Credited	Current Book Value	General Fund	Vehicle Replace Fund
NORTHERN TRUST BANK										
	35551-4	1,013,891.13	0.145%	09/02/14	09/02/15		$729.24	$1,014,620.37	$1,014,620.37	
	35550-6	505,578.10	0.075%	02/08/15	08/07/15		$31.17	$505,609.27	$505,609.27	
	35549-9	502,806.26	0.075%	02/12/15	11/05/15		$30.99	$502,837.25	$502,837.25	
	SUBTOTAL INVESTMENTS--NORTHERN TRUST BANK							**$2,023,066.89**	**$2,023,066.89**	**$0.00**
PRIVATE BANK - LAKE FOREST										
	52027-13	134,730.55	0.15%	7/8/2014	9/8/2015		$103.32	$134,833.87	$134,833.87	
	SUBTOTAL INVESTMENTS--PRIVATE BANK							**$134,833.87**	**$134,833.87**	
LAKE FOREST BANK & TRUST										
	51371-31	460,514.35	0.15%	03/29/15	09/29/15			$460,514.35	$307,237.19	$153,277.15
	SUBTOTAL INVESTMENTS--LAKE FOREST BANK & TRUST							**$460,514.35**	**$307,237.19**	**$153,277.15**
FIRST BANK & TRUST OF EVANSTON										
	601724631-16	113,948.63	0.325%	08/05/14	08/06/15			$113,948.63		$113,948.63
	SUBTOTAL INVESTMENTS--FIRST BANK/EVANSTON							**$113,948.63**	**$0.00**	**$113,948.63**
TOTAL INVESTMENTS -- CURRENT BALANCE								**$2,732,363.73**	**$2,465,137.95**	**$267,225.78**

VILLAGE OF LAKE BLUFF

EXHIBIT C

REVENUE AND EXPENDITURE REPORT

For period ending January 31, 2016 **FY2015-16**

Department	Description	Fiscal Year Total-to-Date	Fiscal Year 15-16 Budget	% of Budget Used/Rec'd	*Previous Fiscal YTD*	*% of Budget Used/Rec'd*	FY14-15 BUDGET
FUND NAME:	**GENERAL**						
Revenues							
	Property Taxes	$ 2,884,644	$ 2,910,404	99.1%	$ 2,835,933	100.5%	$ 2,822,922
	Sales Taxes	2,267,601	2,703,840	83.9%	1,964,686	90.6%	2,169,000
	Home Rule Sales Tax	573,288	707,840	81.0%	489,428	88.9%	550,800
	North Chicago Sales tax share	43,708	6,000	728.5%	-	---	10,810
	Utility Taxes	489,673	729,945	67.1%	523,080	73.3%	713,440
	Other Taxes	699,472	707,050	98.9%	616,969	91.6%	673,265
	Vehicle Licenses	129,768	135,250	95.9%	130,553	95.2%	137,200
	Building Permits	412,545	660,000	62.5%	966,199	124.7%	775,000
	Demolition Permits	18,504	33,200	55.7%	63,917	255.7%	25,000
	Other Licenses & Permits	201,848	189,410	106.6%	198,642	105.2%	188,735
	Sewer Charge	139,920	176,000	79.5%	143,329	77.5%	185,000
	Services & Fees	28,420	29,475	96.4%	25,634	81.0%	31,660
	Fines	86,785	95,100	91.3%	65,191	78.1%	83,500
	Interest Earnings	8,903	12,000	74.2%	6,048	50.4%	12,000
	Grants	1,388	297,000	0.5%	50,580	29.8%	170,000
	Sale of Property	-	-	---	-	---	-
	Miscellaneous Revenue	326,743	380,402	85.9%	312,127	85.1%	366,992
	Operating Transfers In	-	-	---	-	---	-
Total Revenues		$ 8,313,210	$ 9,772,916	85.1%	$ 8,392,316	94.1%	$ 8,915,324
Expenditures							
	Administration	$ 910,260	$ 1,393,173	65.3%	$ 905,931	59.2%	$ 1,531,180
	Finance	398,172	470,225	84.7%	385,799	82.4%	468,265
	Community Development	279,010	331,620	84.1%	235,988	67.9%	347,390
	Boards & Commissions	42,020	72,200	58.2%	47,792	78.6%	60,840
	Village Hall	37,957	113,350	33.5%	46,796	50.6%	92,500
	Village Properties/Vacant Land	3,315	7,150	46.4%	3,701	102.8%	3,600
	Total Administration	$ 1,670,735	$ 2,387,718	70.0%	$ 1,626,006	64.9%	$ 2,503,775
	Police Sworn	$ 2,303,593	$ 2,822,935	81.6%	$ 2,350,444	86.4%	$ 2,720,130
	Police Records	380,727	484,583	78.6%	708,353	98.7%	717,550
	Crossing Guards	0	-	---	9,749	101.5%	9,600
	Fire	373,787	733,149	51.0%	424,621	55.3%	767,975
	Public Safety Building	52,658	85,550	61.6%	185,947	184.6%	100,750
	Total Public Safety	$ 3,110,764	$ 4,126,217	75.4%	$ 3,679,114	85.2%	$ 4,316,005
	Streets, Lighting	$ 1,274,969	$ 1,918,100	66.5%	$ 640,863	62.4%	$ 1,027,730
	Sanitation	534,930	603,575	88.6%	484,257	78.4%	617,610
	Forestry	126,010	187,827	67.1%	110,309	59.1%	186,735
	Parks/Parkways/Ravines	88,819	222,385	39.9%	67,798	36.1%	187,585
	Sewers	188,670	489,865	38.5%	216,048	39.2%	551,530
	Public Works Facility	76,398	53,525	142.7%	64,085	61.5%	104,135
	Commuter Station	73,718	88,928	82.9%	66,093	72.1%	91,725
	Total Public Works	$ 2,363,514	$ 3,564,205	66.3%	$ 1,649,453	59.6%	$ 2,767,050
Total Expenditures		$ 7,145,013	$ 10,078,140	70.9%	$ 6,954,574	72.5%	$ 9,586,830

VILLAGE OF LAKE BLUFF **EXHIBIT C**

REVENUE AND EXPENDITURE REPORT

For period ending January 31, 2016 **FY2015-16**

Department	Description	Fiscal Year Total-to-Date	Fiscal Year 15-16 Budget	% of Budget Used/Rec'd	*Previous Fiscal YTD*	*% of Budget Used/Rec'd*	FY14-15 BUDGET
FUND NAME:	**GENERAL**						
Expenditures by Type							
	Salaries, Benefits, Insurance	$ 3,243,138	$ 3,963,444	81.8%	$ 3,361,101	82.8%	$ 4,056,855
	Contractual & Commodities	2,278,584	2,870,203	79.4%	2,278,977	75.5%	3,016,610
	Interfund Transfers Out	720,647	1,159,643	62.1%	964,192	74.1%	1,301,215
	Contingency	-	200,000	0.0%	-	0.0%	300,000
Total Operating Expenditures		$ 6,242,369	$ 8,193,290	76.2%	$ 6,604,270	76.1%	$ 8,674,680
	Capital & Land Acquisition	902,644	1,884,850	47.9%	350,304	38.4%	912,150
Total Expenditures		$ 7,145,013	$ 10,078,140	70.9%	$ 6,954,574	72.5%	$ 9,586,830
FUND NAME:	**WATER**						
Revenues							
	Water Sales	$ 1,043,403	$ 1,365,120	76.4%	$ 1,071,561	81.0%	$ 1,322,500
	Connection Fees	19,200	22,000	87.3%	24,362	20.2%	120,375
	Meter Sales	4,873	6,500	75.0%	10,140	258.4%	3,925
	Other Fees	2,450	150	1633.3%	100	----	-
	Interest Earnings	2,155	2,000	107.8%	1,697	70.7%	2,400
	Miscellaneous Revenue	392	450	87.2%	393	78.7%	500
	IRMA Surplus Credit	-	3,000	0.0%	3,300	122.2%	2,700
	Interfund Operating Transfr	-	-	----	-	----	-
Total Revenues		$ 1,072,474	$ 1,399,220	76.6%	$ 1,111,554	76.5%	$ 1,452,400
Expenses							
	Salaries & Benefits	$ 236,786	$ 256,281	92.4%	$ 195,525	72.0%	$ 271,445
	IMRF	-	25,200	0.0%	-	0.0%	24,450
	FICA/Medicare	-	13,900	0.0%	-	0.0%	15,325
	Water Purchases	527,627	628,125	84.0%	520,140	86.1%	603,840
	Contractual & Commodities	70,436	96,845	72.7%	91,103	95.1%	95,845
	Debt Principal/Interest Paymnt	218,544	219,044	0.0%	221,844	0.0%	222,344
	Contingency	-	50,000	0.0%	-	0.0%	50,000
	Interfund Transfers Out	-	15,000	0.0%	-	0.0%	15,000
	Capital Equipment	-	300,000	----	-	----	375,000
	Capital Infrastructure	16,562	40,000	41.4%	151,720	----	139,182
Total Expenses before Depreciation		$ 1,069,956	$ 1,644,395	65.1%	$ 1,180,331	65.1%	$ 1,812,431
	Depreciation Expense		-				-
Total Expenses After Depreciation		$ 1,069,956	$ 1,644,395	65.1%	$ 1,180,331	65.1%	$ 1,812,431

VILLAGE OF LAKE BLUFF **EXHIBIT C**

REVENUE AND EXPENDITURE REPORT

For period ending January 31, 2016 **FY2015-16**

Department	Description	Fiscal Year Total-to-Date	Fiscal Year 15-16 Budget	% of Budget Used/Rec'd	*Previous Fiscal YTD*	*% of Budget Used/Rec'd*	FY14-15 BUDGET
SPECIAL REVENUE, CAPITAL PROJECTS, DEBT SERVICE FUNDS & POLICE PENSION TRUST							
FUND NAME: **IMRF**							
Revenues		$ 153,250	$ 153,790	99.6%	$ 152,842	99.2%	$ 154,100
Expenditures	IMRF on Water Salaries in Water Fund	$ 334,658	$ 158,250	211.5%	$ 176,743	91.0%	$ 194,205
FUND NAME: **SOCIAL SECURITY**							
Revenues		$ 193,826	$ 194,050	99.9%	$ 182,438	101.6%	$ 179,565
Expenditures	FICA on Water Salaries chg to Wtr Fnd	$ 199,152	$ 245,525	81.1%	$ 205,972	88.2%	$ 233,460
FUND NAME: **SPECIAL FIRE INS TAX**							
Revenues		$ 28,214	$ 27,415	102.9%	$ 26,098	107.1%	$ 24,368
Expenditures		$ 17,936	$ 31,700	56.6%	$ 7,725	26.8%	$ 28,800
FUND NAME: **MOTOR FUEL TAX**							
Revenues & Transfers In from General		$ 121,090	$ 171,045	70.8%	$ 274,985	80.4%	$ 342,045
Expenditures		$ -	$ -	----	$ 450,497	91.9%	$ 490,000
FUND NAME: **E911 SURCHARGE**							
Revenues		$ 51,929	$ 78,530	66.1%	$ 61,525	82.3%	$ 74,730
Expenditures		$ 5,468	$ 141,942	3.9%	$ 66,485	24.3%	$ 273,177
FUND NAME: **VEHICLE/EQUIP REPLACE**							
Revenues & Transfers In		$ 12,663	$ 279,300	4.5%	$ 80,370	23.1%	$ 347,400
Capital Equipment Expenditures		$ 86,094	$ 194,750	44.2%	$ 205,037	116.7%	$ 175,626
FUND NAME: **REDEVELOPMENT PROGRAM**							
Revenues & Transfers In		$ 99	$ 10	990.0%	$ 1	-----	$ -
Expenditures		$ 102,758	$ 95,000	108.2%	$ 173,081	96.2%	$ 180,000
Revenues from this account are reimbursements for grants for the Route 41/176 Interchange project.							
FUND NAME: **2012 REFUNDING BONDS**							
Revenues & Transfers In from General Fund		$ 253,792	$ 254,293	99.8%	$ 255,862	100.0%	$ 255,900
Expenditures - Bond Payments		$ 253,792	$ 254,293	99.8%	$ 255,862	99.8%	$ 256,363
FUND NAME: **POLICE PENSION TRUST**							
Additions		$ 952,169	$ 976,295	97.5%	$ 911,405	86.4%	$ 1,055,315
Deductions		$ 912,645	$ 851,700	107.2%	$ 672,492	76.8%	$ 875,947

VILLAGE OF LAKE BLUFF
REQUEST FOR BOARD ACTION

Agenda Item: 7a

Subject: AN INFORMATIONAL REPORT CONCERNING THE MANAGEMENT OF ELECTRONIC WASTE

Action Requested: ACCEPTANCE OF THE REPORT (Voice Vote)

Originated By: VILLAGE STAFF

Referred To: VILLAGE BOARD

Summary of Background and Reason for Request:

When the Village had to stop offering a year-round drop off location for recycling old computers and electronics equipment ("E-waste") at the Public Works Facility at the end of 2014, Lake Bluff residents were directed to dispose of E-waste at nearby Midwest Computer Recycling, located at 101 Skokie Valley Road, Lake Bluff (near the intersection of IL Rt. 176 and U.S. Rt. 41) for no charge or make special arrangements with the Village residential hauler, Groot. Residents also have had the option to take their E-waste to Solid Waste Agency of Lake County ("SWALCO") sponsored sites in Cuba Township, Grant Township, Grayslake, Highland Park and Waukegan; however, these SWALCO sponsored collection sites are scheduled to close on May 1 unless SWALCO can enter into a contract with a recycler that does not include costs to the agency. SWALCO will continue to work with electronic manufacturers, legislators and recyclers to develop a sustainable solution for E-waste. In the near term, Lake Bluff residents can continue to dispose of E-waste at Midwest Computer Recycling (disposal of TVs include a charge up to $20) or residents may want to call Groot (877-404-7668) to schedule a special home pick up. If residents contact Groot 24 hours before standard collection day, Groot will collect six items of electronic waste at the curb for collection for a fee of $30.00 (6 item limit can include one TV with a weight limit of 45 lbs).

Reports and Documents Attached:

- March 4, 2016 SWALCO press release regarding e-waste

Village Staff's Recommendation: Acceptance of the Report.

Date Referred to Village Board: **3/14/2016**

SWALCO

SOLID WASTE AGENCY OF LAKE COUNTY, IL

PRESS RELEASE

Date: March 4, 2016

Contact: Walter Willis, Executive Director, 847-377-4951

SWALCO Discontinues Electronic Recycling Program Due to Lack of Funds

After subsidizing the electronics recycling program with local tax dollars to comply with a State law mandating electronics recycling, the Solid Waste Agency of Lake County's (SWALCO) Board of Directors is discontinuing the program due to lack of funds.

The Board held an emergency meeting on March 3 to discuss options and decided to close its five remaining collection sites effective May 1, 2016.

"The agency was faced with an unanticipated mandate to pay for collecting electronics, and regrettably we cannot afford to pay more when we are already providing nearly $150,000 per year in manpower and equipment at the five collection sites," said SWALCO Chairman Larry Mount, a Round Lake Beach trustee.

SWALCO is working with a group of nearly 15 other units of local government throughout the State that also collect electronics to amend the current State law to ensure better access to electronic collection programs and to address the lack of funding to pay for the recycling.

According to Walter Willis, SWALCO Executive Director, "It is our goal to work with the other stakeholders, including the electronics manufacturers and recyclers, to develop a more sustainable program so that our residents are able to comply with the law, which currently bans 18 items from the landfill, including TVs."

Willis added, "After May 1, Lake County residents will face challenges due to the lack of recycling options, especially TV's, and that has SWALCO and its members very concerned. Worsening the situation is Best Buy's recent discontinuation of accepting old TVs from Illinois residents."

The SWALCO Board of Directors indicated it will continue to evaluate options to keep its program operating after May 1, but at this point, the agency does not have an option that does not involve significant costs. The agency will develop and post a list of locations in or near Lake County that accept electronics, though most locations, such as Best Buy, Staples and Goodwill will likely not accept TV's.

In the meantime, Lake County residents should continue to use the five collection sites located in Waukegan, Highland Park, Grayslake, Grant Township and Cuba Township, which will remain open until May 1. Information on the location and hours for the collection sites can be found on the website, www.swalco.org.

"Lake County residents have created the largest and most successful electronics collection program in the State, we are very proud of the program, and to see it likely come to an end is very disappointing," Willis said.

VILLAGE OF LAKE BLUFF
REQUEST FOR BOARD ACTION

Agenda Item: 7b

Subject: REQUEST FROM THE LAKE BLUFF PARK DISTRICT TO WAIVE BUILDING PERMIT FEES FOR THE PADDLE COURT LIGHTS AT BLAIR PARK

Action Requested: CONSIDERATION OF REQUEST (Roll Call Vote)

Originated By: VILLAGE STAFF

Referred To: VILLAGE BOARD

Summary of Background and Reason For Request:

On March 7, 2016 the Village received the attached letter from Lake Bluff Park District Board President Rob Douglass, requesting a waiver of all fees associated with the replacement of the Paddle Court lights at Blair Park, 355 West Washington Avenue. As the total cost of construction of this project is $10,966, it is estimated that, without a waiver, the permit fees for these projects would be $135 and the Architectural Board of Review fee for a minor improvement would $100, so the total would be $235.

Similar requests have been considered on a case-by-case basis for other non-profit and governmental organizations.

Reports and Documents Attached:

- A Copy of the Letter Dated March 7, 2016.

Village Administrator's Recommendation: Consideration of the Request.

Date Referred to Village Board: **3/14/2016**

LAKE BLUFF PARK DISTRICT

355 W. WASHINGTON AVENUE * LAKE BLUFF, ILLINOIS 60044
Phone (847) 234-4150

March 7, 2016

RECEIVED
MAR - 7 2016
BY: .....

Mr. Drew Irvin
Village of Lake Bluff
Village Administrator
40 E. Center Avenue
Lake Bluff, IL 60044

Dear Drew:

The Lake Bluff Park District is planning to complete the lighting project at the Paddle Club within the next couple months. The Park District is respectfully requesting a waiver of all permit fees associated with the installation of LED light fixtures. On behalf of the Park District, thank you for your consideration.

Sincerely,

Rob Douglass
Board President

cc: Board of Commissioners
Ron Salski, Executive Director

VILLAGE OF LAKE BLUFF
REQUEST FOR BOARD ACTION

Agenda Item: 11

Subject:	A RESOLUTION APPROVING A SITE PLAN REVIEW FOR A PROPOSED GENERATOR AND FENCE AT BLAIR PARK LOCATED AT 355 W. WASHINGTON AVENUE
Action Requested:	ADOPTION OF THE RESOLUTION (Roll Call Vote)
Originated By:	LAKE BLUFF PARK DISTRICT (Petitioner)
Referred To:	ARCHITECTURAL BOARD OF REVIEW

Summary of Background and Reason For Request:

The Lake Bluff Park District proposes to place a generator to the south of the Blair Park Recreation Center, east of the skate park, in order to provide emergency power during outages. The generator would be screened by a 6' wood fence similar to the fence around the generator behind Village Hall.

At their March 1, 2016 meeting, the ABR recommended that the Village Board approve the site plan for the fence and generator.

In preparation for the Village Board's consideration of the request, the neighboring property owners have been notified and a resolution has been prepared transmitting the ABR's recommendation.

Ed Heiser, Superintendent of Facility Services for the Park District, as well as Village Staff, will be in attendance at the meeting to answer questions from the Board.

Reports and Documents Attached:
1. A copy of a Resolution Approving the Fence and the Generator;
2. Letter from Ron Salski to the Architectural Board of Review;
3. Drawing of Generator Location; and
4. Photo of Fence around Village Hall Generator.

ABR's Recommendation: Adoption of the Resolution.

Village Administrator's Recommendation: Adoption of the Resolution.

Date Referred to Village Board: **3/14/2016**

Attachment 1

RESOLUTION NO. 2016-___

A RESOLUTION APPROVING A SITE PLAN FOR THE RENOVATION OF CERTAIN IMPROVEMENTS

(Lake Bluff Park District - Blair Park)

WHEREAS, the Lake Bluff Park District ("***Applicant***") operates and maintains the existing 140-acre park district area and facilities commonly known as Blair Park, generally located south of West Washington Avenue, north of Rockland Road (Illinois Route 176), and west of Green Bay Road in Lake Bluff, Illinois ("***Property***"); and,

WHEREAS, the Subject Property is located in the "E-1," "R-1," and "R-2" Single Family Residence Districts under the Lake Bluff Zoning Regulations; and,

WHEREAS, the use, operation, and maintenance of the Subject Property is subject to a special use permit granted by the Village ("***Special Use Permit***") which requires changes to the approved site plan to be reviewed by the Architectural Board of Review and approved by the Village Board; and,

WHEREAS, the Applicant has requested approval of building permits and a related site plan for the renovation of certain existing improvements on the Property, including alterations to a fence and landscaping associated with the wading pool("***Improvements***"), which Improvements will require revisions to the approved site plan; and,

WHEREAS, the Improvements are depicted on the plans prepared by the Applicant attached to this Resolution as Exhibit A ("***Site Plan***"); and,

WHEREAS, pursuant to Section 10-2-8B of the Zoning Regulations, the Village of Lake Bluff Architectural Board of Review considered and reviewed the Site Plan at a public hearing on March 1, 2016; and,

WHEREAS, pursuant to Section 10-1-9 of the Zoning Regulations, the Village President and Board of Trustees have determined that it would be in the best interest of the Village to approve the Site Plan as set forth in the attached ***Exhibit A*** and in accordance with, and subject to, the conditions, restrictions, and provisions of this Resolution and the Zoning Regulations.

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

Section 1. Recitals.

The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the Village Board.

Section 2. Public Hearing.

A public hearing to consider the Applicant's request for approval of the Site Plan was duly noticed pursuant to Section 10-2-8B of the Village's Zoning Regulations and held by the Architectural Board of Review on March 1, 2016, on which date the Architectural Board of Review recommended that the Village Board approve the Site Plan.

Section 3. Approval of the Site Plan.

In accordance with the standards and procedures in Section 10-2-8D of the Zoning Regulations, and subject to and contingent upon the conditions in Section 4 of this Resolution, the Site Plan is approved pursuant to Subsection 10-2-8C of the Zoning Regulations and the home rule powers of the Village.

Section 4. Conditions.

The approval granted in Section 3 of this Resolution is subject to and contingent upon each of the following conditions, restrictions, and provisions:

A. **Compliance with the Site Plan.** Except for minor changes and site work approved by the Village Building Commissioner or Village Engineer in accordance with applicable Village standards, the installation, use, and maintenance of the Improvements on the Property must be in substantial compliance with the Site Plan. In the event of any conflict between the Special Use Permit and the Site Plan concerning the construction and location of the Improvements, the Site Plan will control.

B. Compliance with Applicable Law. In addition to the other specific requirements of this Resolution, the Property must comply at all times with all applicable federal, state, and Village statutes, ordinances, resolutions, rules, codes, and regulations, including without limitation the Village's building, electrical, and fire prevention codes, and the Special Use Permit.

Section 5. Effect of Approval.

Pursuant to Section 10-2-8E of the Lake Bluff Zoning Regulations, the approval granted pursuant to Section 3 of this Resolution shall not authorize the establishment or extension of any use, nor the development, construction, reconstruction, alteration, or moving of any buildings or structures, but shall merely authorize the preparation, filing, and processing of applications for any permits or approvals that may be required by the codes and ordinances of the Village, including, without limitation, building permits.

Section 6. Amendments.

Any amendments to the Site Plan approved in Section 3 of this Resolution may be granted only pursuant to the procedures, and subject to the standards and limitations, provided in the Zoning Regulations.

Section 7. Effective Date.

This Resolution will be effective only upon passage by the President and Board of Trustees in the manner required by law.

PASSED this ___ day of _____, 2016, by vote of the Board of Trustees of the Village of Lake Bluff, as follows:

AYES: ()

NAYS: ()

ABSTAIN: ()

ABSENT: ()

APPROVED this ___ day of _____, 2016.

_____
Village President

ATTEST:

_____
Village Clerk

Exhibit A

Site Plan

Attachment 2

LAKE BLUFF PARK DISTRICT

355 W. WASHINGTON AVENUE * LAKE BLUFF, ILLINOIS 60044
Phone (847) 234-4150

February 17, 2016

Chairman Bob Hunter
Village of Lake Bluff
Architecture Board of Review
40 E. Center Avenue
Lake Bluff, IL 60044

Dear Chairman Bob Hunter:

The Park District would like to thank the Architecture Board of Review for considering our application for the installation of a generator at the Blair Park Recreation Center. If approval is granted, Park District staff anticipates finalizing discussions with the Board of Commissioners on various sizes and costs.

Currently, a generator is an unfunded capital improvement and costs may not be financially prudent. Although, there is an opportunity for grants and it may be in the best interest to keep the Recreation Center open during short or long term power outages.

The application includes the maximum generator size as it was discussed with Mike Croak, Village Codes Supervisor, to request the maximum size for future expansion if necessary. The details are below:

- Maximum generator size: 23' – 10" x 9' – 0"
- Maximum Fence: 28' – 10" x 16' – 10"
- Fence: Wood material similar as the Village's fence

Once again, thank you for considering the Park District application and if you have any questions, please do not hesitate to contact me at 847-457-7346.

Sincerely,

Ron Salski

Ron Salski
Executive Director

cc: Park District Board of Commissioners

OVERALL SITE ELECTRICAL PLAN

SCALE: NOT TO SCALE

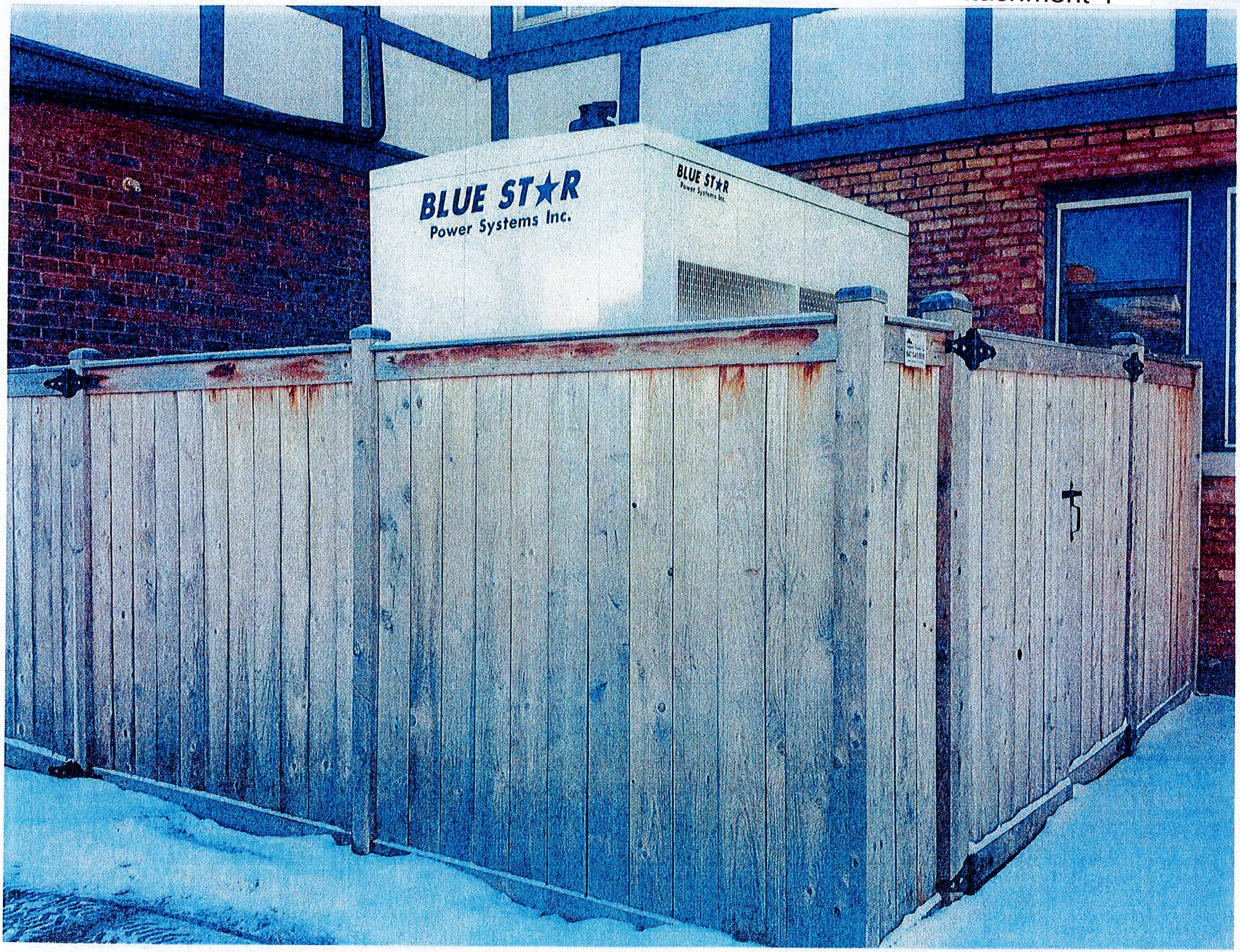
N

ENLARGED SITE ELECTRICAL PLAN

SCALE: 1" = 48' - 0"

N

Attachment 4



VILLAGE OF LAKE BLUFF
REQUEST FOR BOARD ACTION

Agenda Item: 12

Subject:	A RESOLUTION APPROVING A SITE PLAN REVIEW FOR A FENCE AND LANDSCAPING FOR THE WADING POOL AT BLAIR PARK LOCATED AT 355 W. WASHINGTON AVENUE
Action Requested:	ADOPTION OF THE RESOLUTION (Roll Call Vote)
Originated By:	LAKE BLUFF PARK DISTRICT (Petitioner)
Referred To:	ARCHITECTURAL BOARD OF REVIEW

Summary of Background and Reason For Request:

On September 28, 2015 the Village Board approved the site plan for the renovation of the swimming pool and wading pool at Blair Park. Per the recommendation of the Architectural Board of Review, the resolution called for the Park District to return for later approval of the fence around the exterior of the wading pool and the landscaping. The Park District's original proposal was to place a chain link fence around the exterior of the wading pool. At the suggestion of the ABR, they have revised the plan to use a more decorative aluminum fence in this location. The existing fence will remain around the main pool.

At their March 1, 2016 meeting, the ABR recommended that the Village Board approve the site plan for the fence and landscaping.

In preparation for the Village Board's consideration of the request, the neighboring property owners have been notified and a resolution has been prepared transmitting the ABR's recommendation.

Ed Heiser, Superintendent of Facility Services for the Park District, as well as Village Staff, will be in attendance at the meeting to answer questions from the Board.

Reports and Documents Attached:
1. A copy of a Resolution Approving the Fence and the Landscaping;
2. Letter from Ron Salski to the Architectural board of Review;
3. Photo of Proposed Fence; and
4. Landscape Plan.

ABR's Recommendation: Adoption of the Resolution.

Village Administrator's Recommendation: Adoption of the Resolution.

Date Referred to Village Board: **3/14/2016**

Attachment 1

RESOLUTION NO. 2016-___

A RESOLUTION APPROVING A SITE PLAN FOR THE RENOVATION OF CERTAIN IMPROVEMENTS

(Lake Bluff Park District - Blair Park)

WHEREAS, the Lake Bluff Park District ("***Applicant***") operates and maintains the existing 140-acre park district area and facilities commonly known as Blair Park, generally located south of West Washington Avenue, north of Rockland Road (Illinois Route 176), and west of Green Bay Road in Lake Bluff, Illinois ("***Property***"); and,

WHEREAS, the Subject Property is located in the "E-1," "R-1," and "R-2" Single Family Residence Districts under the Lake Bluff Zoning Regulations; and,

WHEREAS, the use, operation, and maintenance of the Subject Property is subject to a special use permit granted by the Village ("***Special Use Permit***") which requires changes to the approved site plan to be reviewed by the Architectural Board of Review and approved by the Village Board; and,

WHEREAS, the Applicant has requested approval of building permits and a related site plan for certain existing improvements on the Property, including a generator screened by a wood fence ("***Improvements***"), which Improvements will require revisions to the approved site plan; and,

WHEREAS, the Improvements are depicted on the plans prepared by the Applicant attached to this Resolution as Exhibit A ("***Site Plan***"); and,

WHEREAS, pursuant to Section 10-2-8B of the Zoning Regulations, the Village of Lake Bluff Architectural Board of Review considered and reviewed the Site Plan at a public hearing on March 1, 2016; and,

WHEREAS, pursuant to Section 10-1-9 of the Zoning Regulations, the Village President and Board of Trustees have determined that it would be in the best interest of the Village to approve the Site Plan as set forth in the attached ***Exhibit A*** and in accordance with, and subject to, the conditions, restrictions, and provisions of this Resolution and the Zoning Regulations.

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

Section 1. Recitals.

The foregoing recitals are incorporated into, and made a part of, this Resolution as findings of the Village Board.

Section 2. Public Hearing.

A public hearing to consider the Applicant's request for approval of the Site Plan was duly noticed pursuant to Section 10-2-8B of the Village's Zoning Regulations and held by the Architectural Board of Review on March 1, 2016, on which date the Architectural Board of Review recommended that the Village Board approve the Site Plan.

Section 3. Approval of the Site Plan.

In accordance with the standards and procedures in Section 10-2-8D of the Zoning Regulations, and subject to and contingent upon the conditions in Section 4 of this Resolution, the Site Plan is approved pursuant to Subsection 10-2-8C of the Zoning Regulations and the home rule powers of the Village.

Section 4. Conditions.

The approval granted in Section 3 of this Resolution is subject to and contingent upon each of the following conditions, restrictions, and provisions:

A. **Compliance with the Site Plan.** Except for minor changes and site work approved by the Village Building Commissioner or Village Engineer in accordance with applicable Village standards, the installation, use, and maintenance of the Improvements on the Property must be in substantial compliance with the Site Plan. In the event of any conflict between the Special Use Permit and the Site Plan concerning the construction and location of the Improvements, the Site Plan will control.

B. Compliance with Applicable Law. In addition to the other specific requirements of this Resolution, the Property must comply at all times with all applicable federal, state, and Village statutes, ordinances, resolutions, rules, codes, and regulations, including without limitation the Village's building, electrical, and fire prevention codes, and the Special Use Permit.

Section 5. Effect of Approval.

Pursuant to Section 10-2-8E of the Lake Bluff Zoning Regulations, the approval granted pursuant to Section 3 of this Resolution shall not authorize the establishment or extension of any use, nor the development, construction, reconstruction, alteration, or moving of any buildings or structures, but shall merely authorize the preparation, filing, and processing of applications for any permits or approvals that may be required by the codes and ordinances of the Village, including, without limitation, building permits.

Section 6. Amendments.

Any amendments to the Site Plan approved in Section 3 of this Resolution may be granted only pursuant to the procedures, and subject to the standards and limitations, provided in the Zoning Regulations.

Section 7. Effective Date.

This Resolution will be effective only upon passage by the President and Board of Trustees in the manner required by law.

PASSED this ___ day of _____, 2016, by vote of the Board of Trustees of the Village of Lake Bluff, as follows:

AYES: ()

NAYS: ()

ABSTAIN: ()

ABSENT: ()

APPROVED this ___ day of _____, 2016.

_____
Village President

ATTEST:

_____
Village Clerk

Exhibit A

Site Plan

Attachment 2

LAKE BLUFF PARK DISTRICT

355 W. WASHINGTON AVENUE * LAKE BLUFF, ILLINOIS 60044
Phone (847) 234-4150

February 16, 2016

RECEIVED
FEB 17 2016
VILLAGE OF LAKE BLUFF

Chairman Bob Hunter
Village of Lake Bluff
Architecture Board of Review
40 E. Center Avenue
Lake Bluff, IL 60044

Dear Chairman Bob Hunter:

The Park District would like to thank the Architecture Board of Review for approving portions of our application for the Lake Bluff Park District Wading Pool area. Per the review, there were two outstanding questions related to the project and the Park District and Architect responses are below:

1. COMMENT: Are you able to include a more decorative fence around the wading pool?

The Park District recommends complying with ABR's request to install a decorative, black aluminum fence around the wading pool only. See attached photo.

2. COMMENT:

By improving the aesthetic of the fence, the Park District recommends maintaining the existing landscaping plan presented on September 3, 2015 because it provides a buffer between the wading pool deck and fence.

If you have any questions, please contact me.

Sincerely,

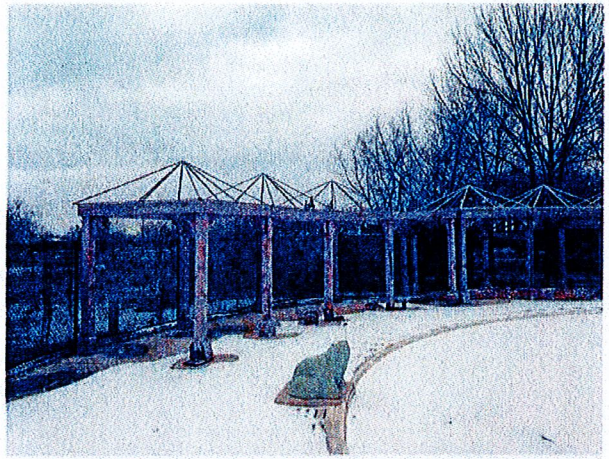
Ron Salski

Ron Salski
Executive Director

cc: Rob Douglass, Board President
FGM Architects
Scott Larson, W.B.O. Olson

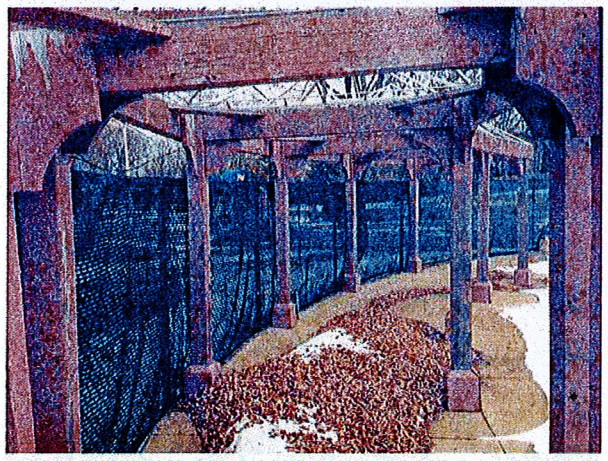
Attachment 3

LAKE BLUFF PARK DISTRICT



CHAIN LINK FENCING WITH SCREENING AT OLD WADING POOL

DECORATIVE ALUMINUM FENCING SAMPLE



CHAIN LINK FENCING WITH SCREENING AT OLD WADING POOL

DECORATIVE ALUMINUM FENCING SAMPLE

03/01/2016

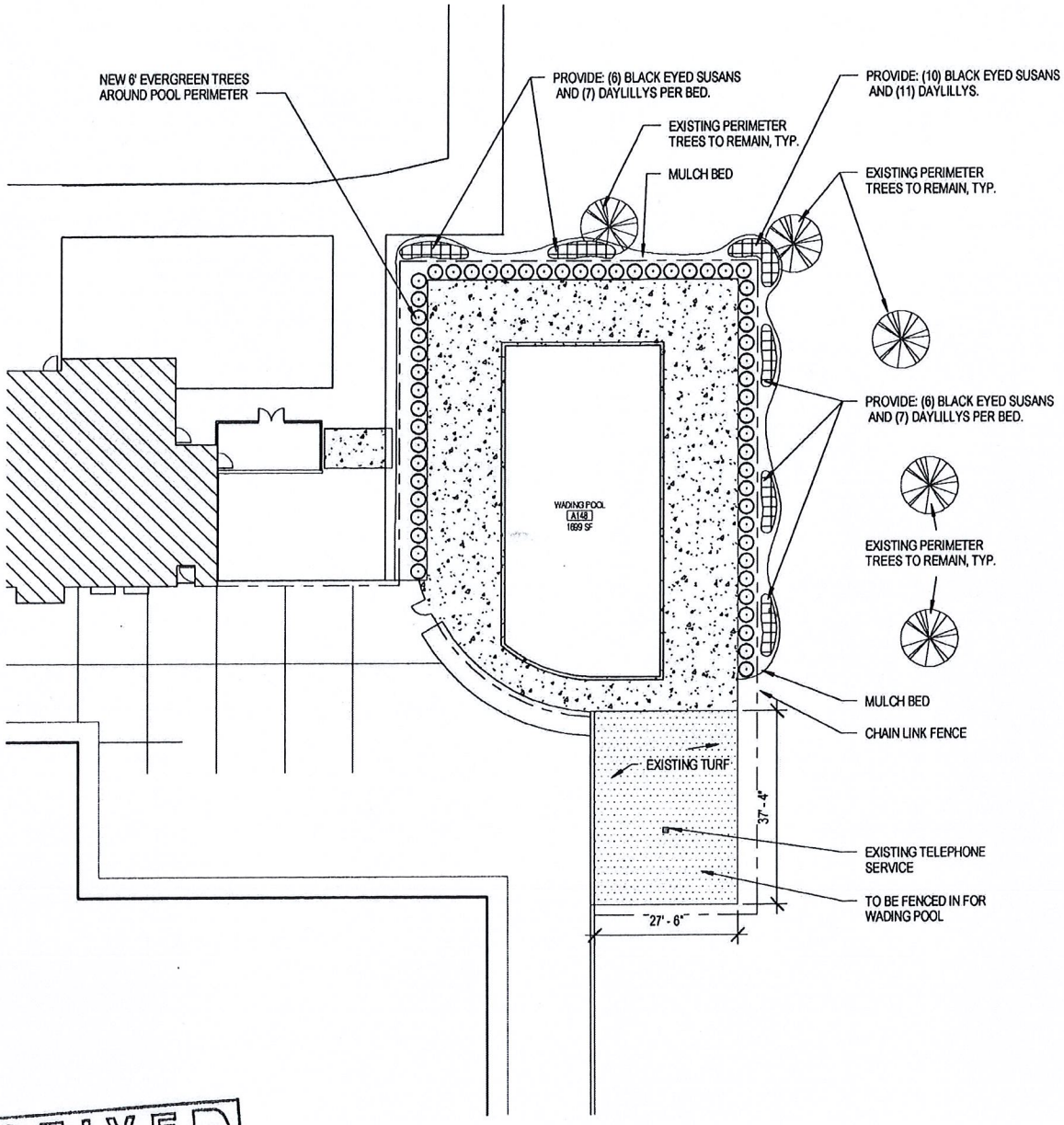
15-1966.01

FGM ARCHITECTS

WADING POOL FENCING

© 2016 FGM ARCHITECTS, INC.

LAKE BLUFF PARK DISTRICT



RECEIVED
FEB 22 2016
VILLAGE OF LAKE BLUFF

N

February 22, 2016

SCALE: 1" = 20'-0" 15-1966.01

FGM ARCHITECTS

LANDSCAPE PLAN

© 2016FGM ARCHITECTS, INC.

VILLAGE OF LAKE BLUFF
REQUEST FOR BOARD ACTION

Agenda Item: 13

Subject: A RESOLUTION APPROVING A SITE PLAN REVIEW FOR CHANGES TO THE EXTERIOR OF THE BUILDING FOR NORTHSHORE DERMATOLOGY LOCATED AT 925 SHERWOOD DRIVE.

Action Requested: ADOPTION OF THE RESOLUTION (Roll Call Vote)

Originated By: NORTH SHORE DERMATOLOGY (Petitioner)

Referred To: ARCHITECTURAL BOARD OF REVIEW

Summary of Background and Reason For Request:

Northshore Dermatology (Petitioner) moved into the building at 925 Sherwood Drive early last year and came before the Architectural Board of Review ("ABR") and the Village Board in April and May of 2015 for approval of signs, standing seam metal canopies, sconce lights, and other improvements to the façade of building.

The petitioner is requesting approval of three changes from the previous design. They are proposing to separate what was previously proposed to be one long canopy on the south façade into two shorter canopies. Portions of the façade that were previously proposed to be EIFS have instead been completed in lannon stone. This also results in a change to the corbeling at the top of the wall. Lastly, the sign on the south façade is made out of plexiglass instead of the aluminum that was proposed in the previous submittal. The size and shape of the sign remain the same.

The ABR reviewed the proposed changes at its March 1, 2016 meeting. The ABR voted unanimously to recommend the Village Board approve the proposed changes.

In preparation for the Village Board's consideration of the request, the neighboring property owners have been notified and a resolution has been prepared transmitting the ABR's recommendation.

Dr. Tina Venetos of Northshore Dermatology, as well as Village Staff, will be in attendance at the meeting to answer questions from the Board.

Reports and Documents Attached:
1. A copy of the resolution;
2. Proposed Awning Design from North Shore Sign;
3. Previously Approved Design;
4. Photo of South Façade on 2/1/2016; and
5. A copy of the February 2, 2016 ABR Staff Report (without Attachments)

ABR's Recommendation: Adoption of the Resolution.

Village Administrator's Recommendation: Adoption of the Resolution.

Date Referred to Village Board: **3/14/2016**

Attachment 1

RESOLUTION NO. 2016-

A RESOLUTION APPROVING A REVISED SITE PLAN

(Northshore Dermatology – 925 Sherwood Drive)

WHEREAS, Northshore Dermatology Center, S.C. ("***Applicant***") is a tenant in the property owned by 925 Sherwood Drive LLC ("***Owner***") and located at 925 Sherwood Drive within the Village's L-1 Light Industry District ("***Property***"); and,

WHEREAS, the Applicant desires to construct certain improvements to the exterior of the building on the Property ("***Improvements***"), including: revised versions of the awning, wall mounted sign, and façade alterations that were approved in Resolution 2015-24. The revised versions are shown on the Plans attached to and incorporated into this Resolution as Exhibit A (collectively, the "***Site Plan***"); and,

WHEREAS, the Owner has consented to the Applicant's request for approval of the Site Plan Amendments; and,

WHEREAS, at its regular meeting on March 1, 2016, the Village of Lake Bluff Architectural Board of Review ("***ABR***") conducted a public hearing concerning the Site Plan. On that date, the ABR recommended that the Village approve the Site Plan Amendments; and,

WHEREAS, pursuant to the Zoning Regulations, the Village Administrator caused written notice to be mailed to the owners of all property contiguous to, or directly across the public right-of-way from the Property; and,

WHEREAS, the Village President and Board of Trustees have determined that it is in the best interests of the Village and its residents to approve the Site Plan in accordance with, and subject to, the provisions of this Resolution.

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LAKE BLUFF, LAKE COUNTY, ILLINOIS, AS FOLLOWS:

Section 1. Recitals.

The foregoing recitals are incorporated herein as findings of the President and Board of Trustees.

Section 2. Public Hearing on the Site Plan Amendments.

A public hearing to consider the Applicant's request for approval of the Site Plan was duly noticed pursuant to the Zoning Regulations on or before February 22, 2016 and held by the Architectural Board of Review on March 1, 2016, on which date the Architectural Board of Review recommended that the Village Board approve the Site Plan.

Section 3. Approval of the Site Plan.

Subject to and contingent on the conditions, restrictions, and provisions set forth in Section 5 of this Ordinance, the President and Board of Trustees, pursuant to Section 10-2-8 of the Zoning Regulations, hereby approve the Site Plan Amendments as depicted in the plans prepared by the Applicant, attached to and incorporated in this Resolution as ***Exhibit A*** ("***Plans***").

Section 4. Conditions.

A. Compliance with Site Plan. Except for minor changes and site work approved by the Village Building Commissioner or Village Engineer in accordance with applicable Village standards, the Improvements, including without limitation the Monument Sign and the Wall Sign, must be located, constructed, installed, and maintained in substantial compliance with the Plans.

B. Compliance with Applicable Law. In addition to the other specific requirements of this Resolution, the Property and all operations conducted thereon must comply at all times with all applicable federal, state, and Village statutes, ordinances, resolutions, rules, codes, and regulations, including building, electrical, and fire prevention codes.

C. No Construction until Final Approval. Except as otherwise authorized by the Village Administrator, no erection, installation or maintenance of the Improvements, including without limitation the Monument Sign and the Wall Sign, will be permitted unless and until this Resolution becomes effective pursuant to Section 9.

E. No Approval of Other Signage. The signage approved in Sections 3 and 4 of this Resolution is limited to the approval of the Sign as depicted on the Plans, pursuant to the conditions stated herein, and does not authorize or approve any other signage for the Property or any modification of the Sign as depicted on the Plans.

Section 6. Failure to Comply with Conditions.

Upon failure or refusal of the Applicant or Owner or any of their officers, employees, or agents, to comply with any or all of the conditions, restrictions, or provisions of this Resolution, the approval granted in this Resolution shall, at the sole discretion of the President and Board of Trustees, by resolution duly adopted, be revoked and become null and void.

Section 7. Binding Effect.

The privileges, obligations, and provisions of each and every section and requirement of this Resolution are for and will inure to the benefit of the Applicant, unless otherwise expressly provided in this Resolution.

Section 8. No Third Party Beneficiaries.

Nothing in this Resolution creates, or will be construed or interpreted to create, any third party beneficiary rights.

Section 9. Effective Date.

A. This Resolution will be effective only upon the occurrence of the following events:

i. passage by the Board of Trustees of the Village of Lake Bluff in the manner required by law; and

ii. the filing by the Applicant and Owner with the Village Clerk of an unconditional agreement and consent to accept and abide by each and all of the terms, conditions, and limitations set forth in this Resolution in the form attached as ***Exhibit B*** and, by this reference, made a part of this Resolution.

B. In the event that the Applicant and Owner do not file with the Village a fully executed copy of the unconditional agreement and consent required under Section 9.A.ii within 60 days after the date of passage of this Resolution, then, at the option of the Village Board of Trustees, this Resolution shall be rendered null and void and of no force or effect.

PASSED this __th day of _____, 2016, by vote of the Board of Trustees of the Village of Lake Bluff, as follows:

AYES: ( )

NAYS: ( )

ABSTAIN: ( )

ABSENT: ( )

APPROVED this __ th day of _____, 2016.

_____
Village President

ATTEST:

_____
Village Clerk

EXHIBIT A

PLANS

EXHIBIT B

UNCONDITIONAL AGREEMENT AND CONSENT

TO: The Village of Lake Bluff, Illinois (the "Village"):

WHEREAS, Northshore Dermatology Center, S.C. ("***Applicant***") is a tenant in the property owned by _____ ("***Owner***") and located at 925 Sherwood Drive within the Village's L-1 Light Industry District ("***Property***"); and,

WHEREAS, the Applicant desires to construct certain improvements to the exterior of the building on the Property ("***Improvements***"), including: revised versions of the awning, wall mounted sign, and façade alterations that were approved in Resolution 2015-24; and,

WHEREAS, as part of the Site Plan, the Applicant has requested an exemption from Section 10-10-14D of the signage requirements in the Village's Zoning Regulations, which limits signage in the L-1 District to one awning sign, or one ground sign, or one wall sign, to allow the installation of both the Monument Sign and Wall Sign ("***Sign Exemption Request***"); and,

WHEREAS, the Owner has consented to the Applicant's request for approval of the Site Plan Amendments and the Sign Exemption Request; and,

WHEREAS, at its regular meeting on March 1, 2016, the Village of Lake Bluff Architectural Board of Review ("***ABR***") conducted a public hearing concerning the Site Plan. On that date, the ABR recommended that the Village approve the Site Plan Amendments and the Sign Exemption Request; and

WHEREAS, pursuant to the Zoning Regulations, the Village Administrator caused written notice to be mailed to the owners of all property contiguous to, or directly across the public right-of-way from the Property, and,

WHEREAS, Resolution No. 2016- , adopted by the President and Board of Trustees of the Village on _____ __, 2016, grants approval for the Site Plan Amendments and the Sign Exemption Request, subject to certain conditions; and,

WHEREAS, Resolution No. 2015- __ provides that the Resolution will be of no force or effect unless and until the Applicant and Owner shall have filed with the Village Clerk, within 60 days after passage of the Resolution its unconditional agreement and consent to accept and abide by each of the terms, conditions, and limitations set forth in the Resolution.

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

1. Applicant and Owner hereby unconditionally agree to, accept, consent to and abide by all of the terms, conditions, restrictions, and provisions of that certain Resolution No. 2016-__, adopted by the Village Board of Trustees on _____ __, 2016 (the "Resolution").

2. Applicant and Owner acknowledge and agree that the Village is not and shall not be, in any way, liable for any damages or injuries that may be sustained as a result of the Village's issuance of any permits for the use of the Property, and that the Village's issuance of any such permits does not, and shall not, in any way, be deemed to insure the Applicant or Owner against damage or injury of any kind and at any time.

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

4. Applicant and Owner agree to and hereby 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 and against 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 Resolution.

ATTEST:

By: _____

Its: _____

NORTHSHORE DERMATOLOGY CENTER, S.C.

By: _____

Its: _____

ATTEST:

By: _____

Its: _____

OWNER

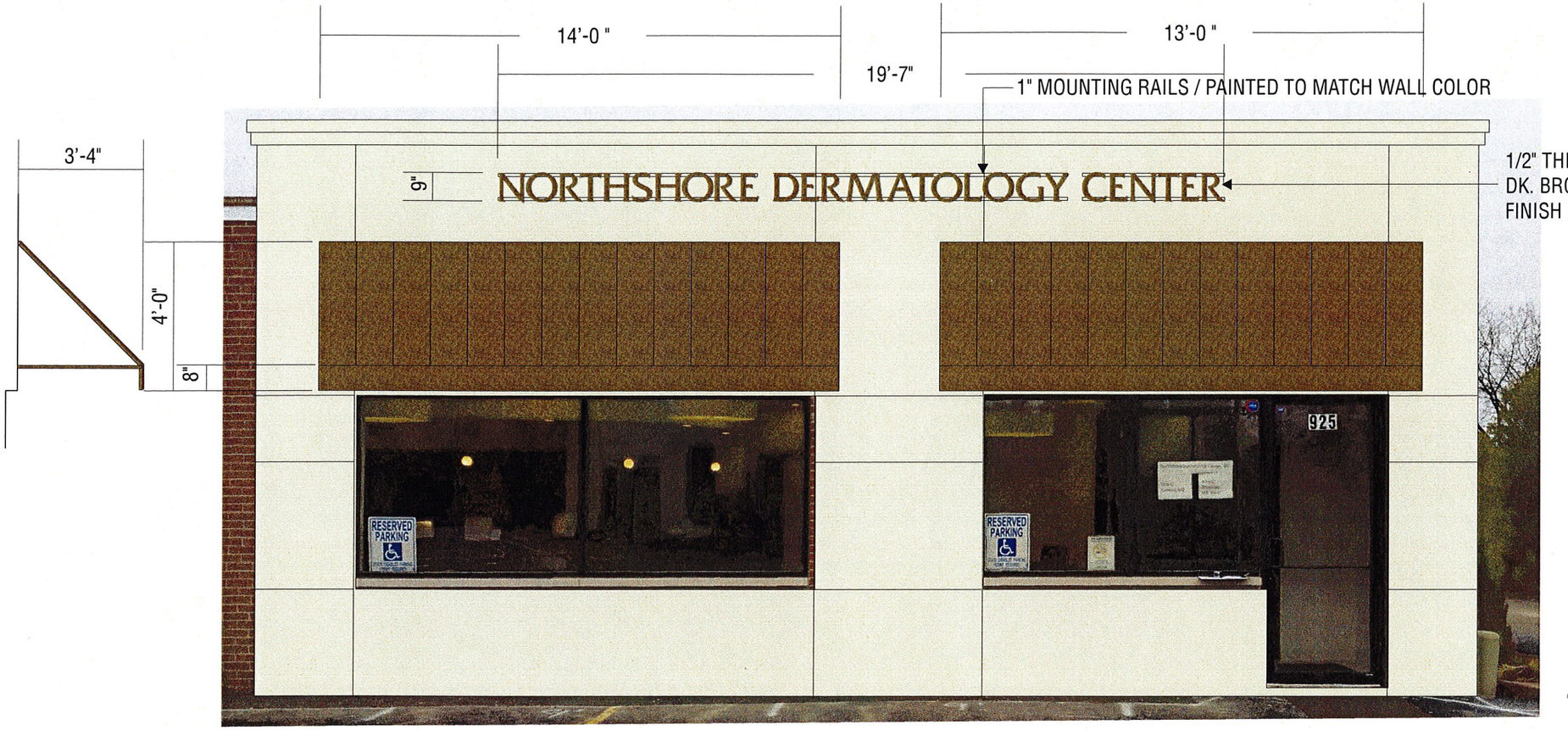
By: _____

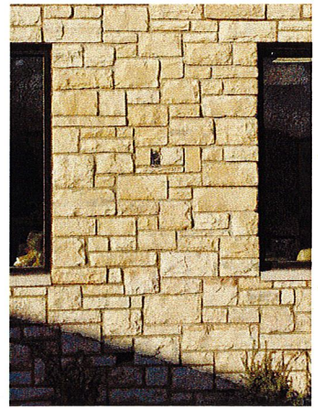
Its: _____

SUBSCRIBED and SWORN to
before me this _____ day of
_____, 2016.

_____

Notary Public





WALL STONE PHOTO

CANOPY DISPLAY
1/4" = 1'-0"

FABRICATED ALUMINUM CANOPY FRAMEWORK (DK. BRONZE) FINISH
W/PAC-CLAD ALUMINUM ROOFING / STANDING SEAM
PANELS 12" WIDE (DARK BRONZE) FINISH

REVISED		COMMENTS
A	11/10/15	COLOR CHANGE

NORTHSHORE DERMATOLOGY CLINIC
925 SHERWOOD LAKE BLUFF, IL.

SCALE NOTED		SALESPERSON ART
DATE 10/28/15		DRAWING # 10712 PG. 2
DRAW BY: AS		

NORTH SHORE SIGN
1925 Industrial Drive Libertyville, Illinois 60048 847-816-7020
"Quality Signage Since 1930"

1930 85th 2015

Colors depicted on this drawing are printed simulations to assist in visualizing the design. They do not accurately reflect the actual colors specified.

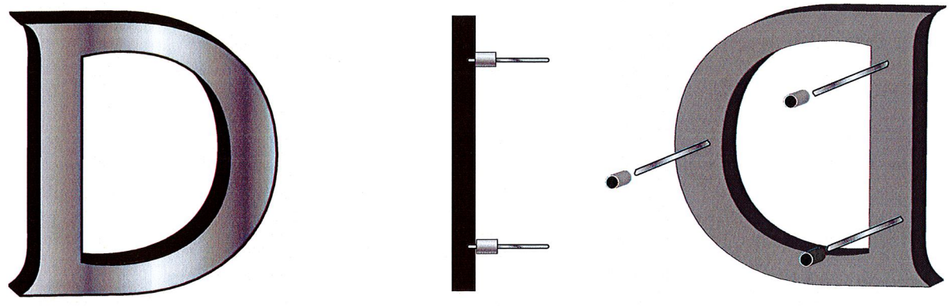
This design is the exclusive property of North Shore Sign Company Inc., and is the result of the original and creative work of its employees. This drawing is submitted to the respective customer for the sole purpose of consideration of whether or not to purchase this design, or a sign manufactured to this design from North Shore Sign Co. **Distribution, use of, or exhibition of this drawing to anyone outside customers organization, in order to secure quotation, design work, or purchase of a sign either to this design or similar to this design, is expressly forbidden.** In the event that such distribution, use or exhibition occurs, **North Shore Sign is to be compensated $1500.00** for time, effort and creative service entailed in creating these plans, as well as any and all legal fees and expenses to enforce its rights.
Copyright 2014 North Shore Sign Company Inc.

Previously approved design

ATTACHMENT 3

G.3B South Elevation

Scale = 1/4" = 1'-0"



Approx 9" High and 1/2" Thick
Horizonital Brushed, Anodized Aluminum Face
with Painted Returns: Chocolate Brown, PMS 4625
Mounted to masonry with studs and spacers
N.T.S.

NORTHSHORE
DERMATOLOGY CENTER

Dr. Tina Venetos

Amy C. Brownlee, M.S., P.A.-C

Custom Cut Vinyl
Color Matte Silver or White

Northshore Dermatology Center

925 SHERWOOD DRIVE, LAKE BLUFF, IL

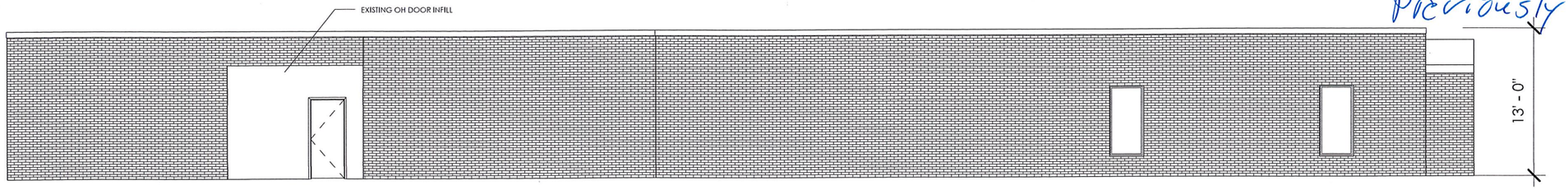
The drawings and specifications contained within this document are the property of A Perfect Sign, Inc. No part thereof shall be used in connection with any work or project other than the specified project for which they have been prepared and developed without the written consent of the designer.

PERFECT SIGN, INC.

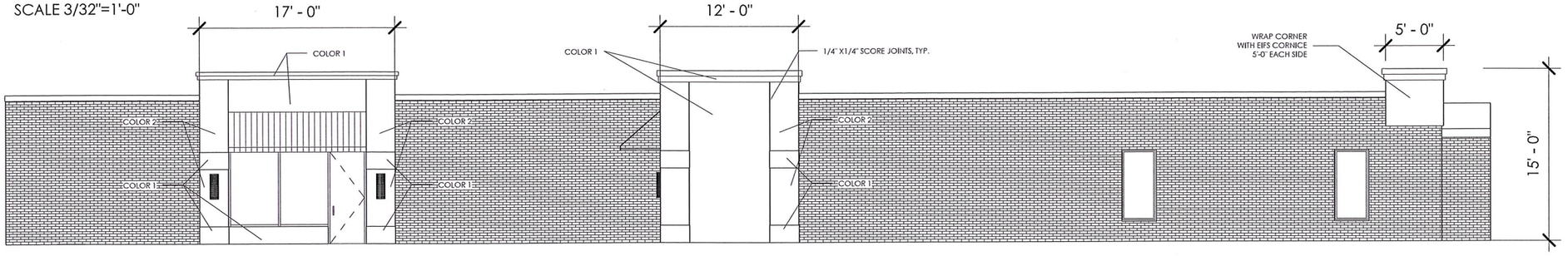
2015 | 01 | APR

SHEET | G.2

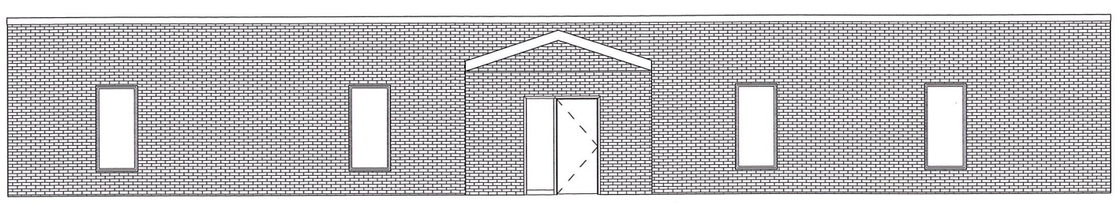
Previously approved design



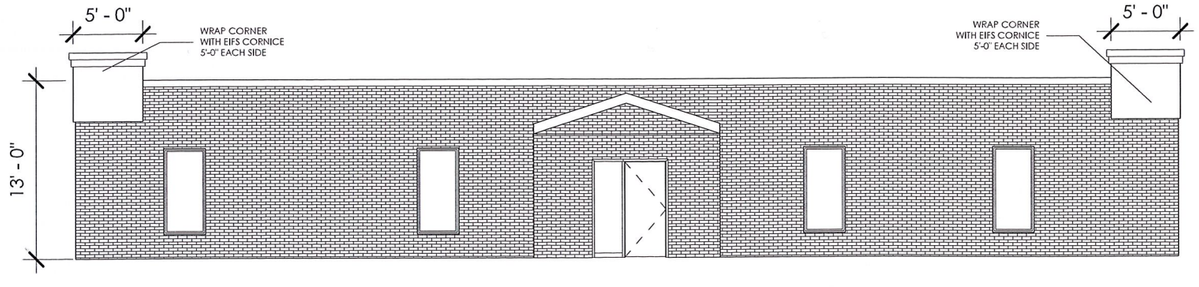
EXISTING EAST ELEVATION
SCALE 3/32"=1'-0"



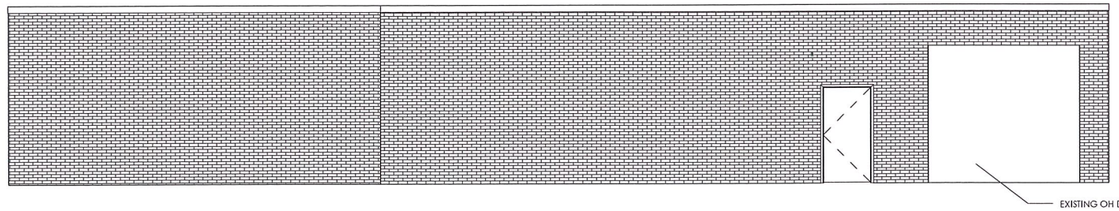
PROPOSED EAST ELEVATION
SCALE 3/32"=1'-0"



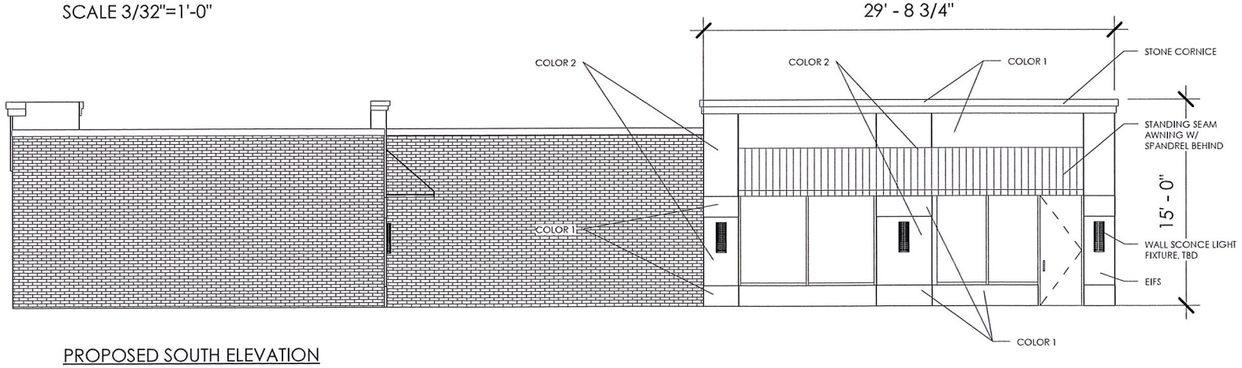
EXISTING NORTH ELEVATION
SCALE 3/32"=1'-0"



PROPOSED NORTH ELEVATION
SCALE 3/32"=1'-0"



EXISTING SOUTH ELEVATION
SCALE 3/32"=1'-0"



PROPOSED SOUTH ELEVATION
SCALE 3/32"=1'-0"

inter:work
architects
interwork architects incorporated
1200 shermer rd. northbrook, il 60062
t: 847.509.4070 f: 847.509.9604
www.interworkarchitects.com

ELEVATION PROPOSAL

PROJECT DR. VENETOS

ADDRESS 925 SHERWOOD DRIVE
LAKE BLUFF, ILLINOIS

REV

PROJ NO 1422.001.000

SCALE 3/32" = 1'-0"

AREA

DATE 3.11.2015

SHEET SK-4

ATTACHMENT 4

Attachment 5

VILLAGE OF LAKE BLUFF

Memorandum

TO: Chairman Hunter and Members of the Architectural Board of Review

FROM: Mike Croak, Building Codes Supervisor

DATE: March 1, 2016

SUBJECT: **Agenda Item #4 – A Public Hearing to Consider a Site Plan to Review Changes to the Exterior of the Building for Northshore Dermatology at 925 Sherwood Drive.**

Northshore Dermatology (Petitioner) moved into the building at 925 Sherwood Drive early last year and came before the ABR and the Village Board in April and May of 2015 for approval of signs, standing seam metal canopies, sconce lights, and other improvements to the façade of building.

The petitioner is requesting approval of three changes from the previous design. They are proposing to separate what was previously proposed to be one long canopy on the south façade into two shorter canopies. They have completed the altered portions of the façade in lannon stone, instead of the EIFS that was previously approved. This also results in a change to the corbeling at the top of the wall. Lastly, the sign on the south façade is made out of plexiglass instead of the aluminum that was proposed in the previous submittal. The size and shape of the sign remain the same.

The previous approval included a sign code exemption to allow two signs, the monument sign in front (north of the building) and the wall sign on the south façade facing the rear parking lot.

Recommendation:
It is recommended the ABR conduct a public hearing to consider modification to the site plan and signage plan, appropriately question the Petitioner as needed, entertain public comments and questions from the petitioner and make one of the following recommendations regarding the site plan:

- Recommend that the Village Board approve the proposed site plan as presented or with conditions;
- Recommend that the Village Board deny the proposed site plan; or
- Request the petitioner to provide additional information for the ABR's consideration.

At the conclusion of the public hearing, it is recommended that the ABR take one of the following actions with respect to the signage plan:

- Approve the proposed change to the material of the sign; or
- Deny the requested material change for the sign.

Dr. Tina Venetos of Northshore Dermatology will be in attendance at Tuesday's meeting to respond to questions from the ABR. If you should have any questions regarding this matter, please feel free to contact me at 847-283-6885.

VILLAGE OF LAKE BLUFF
REQUEST FOR BOARD ACTION

Agenda Item: 14

Subject: A RESOLUTION AUTHORIZING AND APPROVING EXECUTION OF A SMART-READY LED STREET LIGHTING PROGRAM PARTICIPATION AGREEMENT BETWEEN THE VILLAGE OF LAKE BLUFF AND COMMONWEALTH EDISON

Action Requested: ADOPTION OF THE RESOLUTION (Voice Vote)

Originated By: VILLAGE STAFF

Referred To: VILLAGE BOARD

Summary of Background and Reason for Request:

Street lights throughout the Village, both the traditional neighborhood post lights and "cobra head" style lights, are owned and maintained by varying parties depending on the location. ComEd recently approached the Village regarding participation in the Smart-Ready LED Street Lighting Program. This program involves the conversion of 217 Com-Ed-owned "cobra head" style street lights with mercury vapor and high pressure sodium fixtures to Smart-Ready LED fixtures which should reduce the Village's annual energy expenses by approximately $7,300. In addition to the energy efficiencies, other benefits to the LED fixtures include (i) the ability to modify the intensity of the light, (ii) the new fixtures are "Dark Sky at night" full cut-off style (very little light trespass), and (iii) the potential for future Village operational control of the fixtures.

The new Sustainability & Enhancement Ad Hoc Committee ("SEC") discussed the program at their February 24, 2016 meeting and unanimously recommended the Village Board enter into the agreement. The SEC also suggested the Village develop a plan to convert all remaining street lights to LED for both aesthetic and energy savings purposes. Public Works Superintendent Jake Terlap will be in attendance to answer any questions regarding the program.

Reports and Documents Attached:

1. Resolution Authorizing Program Participation;
2. Smart-Ready LED Street Lighting Agreement; and
3. Catalog Sheet of Sample Light Fixtures.

Village Staff's Recommendation: Consideration of the Agreement.

Date Referred to Village Board: **3/14/2016**

Attachment 1

RESOLUTION N0. 2016-

AUTHORIZING AND APPROVING EXECUTION OF A SMART-READY LED STREET LIGHTING PROGRAM PARTICIPATION AGREEMENT BETWEEN THE VILLAGE OF LAKE BLUFF AND COMMONWEALTH EDISON

WHEREAS, the Village of Lake Bluff, Lake County, Illinois ("the Village") has within its corporate limits certain street lights owned by Commonwealth Edison, but the Village is responsible to pay the cost of the electrical energy necessary to operate such street lights; and

WHEREAS, Commonwealth Edison has presented to the Village a certain Smart-Ready LED Street Lighting Agreement/Program Participation Agreement which provides that Commonwealth Edison will replace the Commonwealth Edison-owned street light fixtures within the Village with Smart-Ready LED street lights, which is anticipated to realize a cost-savings for the Village to pay for the cost of electrical energy necessary to operate such street lights; and

WHEREAS, the Corporate Authorities of the Village have determined that it is in the best interests of the Village and its residents that the Village enter into said Program Participation Agreement with Commonwealth Edison for the replacement of Commonwealth Edison-owned street light fixtures with Smart-Ready LED street lights within the Village and that said Agreement be approved, executed, and in effect:

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

Section 1: **Recital.**

That the Corporate Authorities of the Village of Lake Bluff find that the facts as stated in the preamble hereof are true and correct and are incorporated herein by reference as its findings as if fully set forth herein.

Section 2: **Condition**.

That said Smart-Ready LED Street Lighting Agreement/Program Participation Agreement (the "Program Participation Agreement"), in substantially the form attached hereto as Exhibit A and hereby made a part hereof shall be and is hereby authorized, ratified, and approved, and that the Village President is hereby authorized to execute said Program Participation Agreement, substantially in the form attached hereto as Exhibit A and thereby made a part hereof, and the Village Clerk is hereby authorized and directed to attest thereto and to deliver to Commonwealth Edison an executed Agreement and such other related documents and to do all things necessary and essential including but not limited to the execution and delivery of any other documents to implement the Agreement as herein authorized.

Section 3: Effective Date.

This Resolution will be effective only upon passage by the President and Board of Trustees in the manner required by law.

PASSED this ___ day of _____, 2016, by vote of the Board of Trustees of the Village of Lake Bluff, as follows:

AYES: ()

NAYS: ()

ABSTAIN: ()

ABSENT: ()

APPROVED this ___ day of _____, 2016.

_____
Village President

ATTEST:

_____
Village Clerk

EXHIBIT A

Smart-Ready LED Street Lighting Agreement/
Program Participation Agreement

Smart-Ready LED Street Lighting Agreement

PROGRAM PARTICIPATION AGREEMENT

The Smart-Ready LED Street Lighting Program ("the Program") replaces existing Commonwealth Edison ("ComEd") owned street light fixtures (mercury vapor and high pressure sodium), located in participating municipalities, with Smart-Ready LED street lights.

This Smart-Ready LED Street Lighting Agreement ("Agreement") is entered into by and between ComEd and the Village of Lake Bluff ("Customer"). ComEd and the Customer are sometimes referred to herein individually as a "Party", and collectively as the "Parties."

PROGRAM TERMS AND CONDITIONS

1. **Program Effective Dates.** This Agreement shall be effective upon execution by both Customer and ComEd, and shall terminate on or before May 31, 2017.
2. **Customer Eligibility.** Customer is an existing municipal customer of ComEd that receives a fixture included street light rate. (Note: Customer may take electric energy from a company other than ComEd as long as Customer is obtaining delivery service from ComEd.) The fixture included street light rate is set forth in Table 1, attached hereto, and which is made a part hereof.
3. **Project Timeline.** Following the execution of the Agreement, ComEd will work with the municipality to establish a schedule for the installation of the LED street light fixtures.
4. **Customer Charges.** The change from the existing fixtures to a smart ready fixture will change the cost of the Fixture-Included Lighting Delivery Service Charge as well as energy cost to operate the fixtures. The estimated fixture included costs and estimated energy cost comparison of the existing street lights to LED street lights is provided in Table 1 hereto.

   There is also a customer charge for the replacement of the fixtures and this charge will be offset by an Energy Efficiency credit equal to the customer replacement charge. Effectively, the customer will not incur any out of pocket costs to replace the fixtures.
5. **Customer Obligations.**

   5.1. Customer must support ComEd, as requested, with access to the system and facilities, and municipal work permits as required to support the installation LED street light fixtures.

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"Smart Ideas® Energy Efficiency program is funded by ComEd customers in compliance with Illinois law."

5.2. Customer will be the point of contact for any resident concerns related to the installation of the LED street lights and will work with ComEd to resolve concerns raised by residents of the municipality.

6. ComEd Obligations.

6.1. ComEd will replace all existing ComEd owned Mercury Vapor (MV) and High Pressure Sodium (HPS) street lights that have an LED equivalent, subject to the current fixture included rate agreement, with new, lower wattage smart-ready LED street lights.

6.2. ComEd, through the state mandated energy efficiency programs, will provide a credit to the Customer in an amount equal to the cost to the Customer to replace the existing street light fixtures in the municipality. The cost of the replacement of the existing street light fixtures will be documented in a separate Customer Work Agreement developed for the street light fixture replacement.

7. Limitations of Liability.

7.1. Customer shall independently evaluate any advice or direction given by ComEd related to the adjustment of LED street light illumination levels. IN NO EVENT WILL ComEd, ITS CONSULTANTS, CONTRACTORS AND/OR SUBCONTRACTORS BE LIABLE FOR THE OPERATION OF CUSTOMER'S FACILITIES OR FIXTURES, OR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND IN CONNECTION WITH THIS AGREEMENT OR THE IMPLEMENTATION OF ANY FUNCTIONS OR TESTING UNDER THIS AGREEMENT.

7.2 ComEd shall indemnify, defend and save harmless the Customer and, its officers, agents, employees, representatives and assigns, from lawsuits, actions, costs (including attorneys' fees), claims or liabilities of any character, including, as allowed by law, liabilities incurred due to the joint negligence of the Village and contractors, brought because of any injuries or damages received or sustained by any person, persons, or property on account of any act or omission, neglect or misconduct of ComEd, its officers, agents and/or employees arising out of, or in performance of, any of the provisions of this Agreement, including any claims or amounts recovered for any infringements of patent, trademark or copyright; or from any claims or amounts arising or recovered under the "Worker's Compensation Act" or any other applicable law, ordinance, order or decree. In connection with any such claims, lawsuits, actions or liabilities, the Customer

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"Smart Ideas® Energy Efficiency program is funded by ComEd customers in compliance with Illinois law."

and, its officers, agents, employees, representatives and their assigns shall have the right to defense counsel of their choice. ComEd shall be solely liable for all costs of such defense and for all expenses, fees, judgments, settlements and all other costs arising out of such claims, lawsuits, actions or liabilities.

8. Disclaimer: ComEd does not guarantee that certain energy savings will be achieved and does not make any warranties associated with the measures implemented under the Program. ComEd has no obligations regarding, and does not endorse or guarantee, any claims, promises, representations, or work made or performed, or equipment furnished or installed by any contractors, subcontractors, or vendors pursuant to the Program. The Customer shall be entitled to the energy cost savings realized by the Customer that result from the installation of LED street light fixtures within the Customer's corporate limits. In consideration of the services provided by ComEd as part of the Program, the Customer agrees that ComEd is entitled to 100% of the rights and benefits associated with the measures, including without limitation PJM products and all other attributes, credits or products associated therewith under any regional initiative or federal, state or local law, program or regulation, and customer waives, and agrees not to seek, any right to the same.

9. Attorneys' Fees. If litigation is commenced by either Party to enforce or interpret any of the provisions of this Agreement, the prevailing Party shall be entitled to recover reasonable costs and attorneys' fees at the trial, on appeal, and on any petition for review.

10. Entire Agreement/Modification. This Agreement contains the entire agreement between the Parties with respect to the subject matter hereof, and unless otherwise provided in this Agreement, no modification or waiver of any of the provisions, or any future representation, promise, or addition, shall be binding upon the parties unless made in writing and signed by both Parties. To the extent any of the terms of this Agreement are deemed to conflict with the terms of the Franchise Agreement between ComEd and Customer, the terms of the Franchise Agreement shall control while both Agreements remain in effect.

11. Disputes/Governing Law. This Agreement shall be exclusively governed by and interpreted in accordance with the laws of the State of Illinois. Any litigation between the Parties shall be prosecuted only in the state or federal courts of the State of Illinois.

BY SIGNING BELOW:

The Customer has read and accepts the terms and conditions of this Smart-Ready LED Street Lighting Agreement, and agrees to participate in the Smart-Ready LED Street Lighting Program.

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"Smart Ideas® Energy Efficiency program is funded by ComEd customers in compliance with Illinois law."

Smart-Ready LED Street Lighting Agreement

Customer		**ComEd**	
By:	_____	By:	_____
Name:	_____	Name:	_____
Date:	_____	Date:	_____
Title:	_____	Title:	_____

©Commonwealth Edison Company, 2016
"Smart Ideas® Energy Efficiency program is funded by ComEd customers in compliance with Illinois law."

smart ideas

Smart-Ready LED Street Lighting Agreement

Table 1 2016 Rates

Lake Bluff

Cost comparison of Fixture Included Street Light fixture Costs,
Proposed 2016 Rates, Existing Fixtures versus LED Fixture

Existing fixtures, 2016							LED Fixtures, 2016					
	Billing Count	Wattage	2016 Fixture cost	Monthly Energy Cost	Monthly Cost per Fixture	Monthly Cost by Type		Wattage	2016 Fixture cost	Monthly Energy Cost	Monthly Cost per Fixture	Monthly Cost by Type
100W MV	104	122	$3.65	$1.71	$5.36	$557.51	LED-53	53	$2.68	$0.74	$3.42	$356.01
175W MV	83	217	$3.71	$3.04	$6.75	$560.48	LED-53	53	$2.68	$0.74	$3.42	$284.12
250W MV	1	281	$3.84	$3.94	$7.78	$7.78	LED-75	75	$2.97	$1.05	$4.02	$4.02
400W MV	20	440	$4.34	$6.17	$10.51	$210.19	LED-145	145	$3.56	$2.03	$5.59	$111.86
70 W HPS	0	82	$3.94	$1.15	$5.09	$0.00	LED-53	53	$2.68	$0.74	$3.42	$0.00
100 W HPS	5	121	$3.99	$1.70	$5.69	$28.43	LED-53	53	$2.68	$0.74	$3.42	$17.12
150 W HPS	0	175	$4.02	$2.45	$6.47	$0.00	LED-75	75	$2.97	$1.05	$4.02	$0.00
250 W HPS	4	297	$4.28	$4.16	$8.44	$33.78	LED-145	145	$3.56	$2.03	$5.59	$22.37
400 W HPS	1	465	$4.63	$6.52	$11.15	$11.15	LED-145	145	$3.56	$2.03	$5.59	$5.59
Total	218											

Energy Cost
$ 0.04100

2016 Fixture Monthly Cost	$1,409.33

2016 LED Monthly Cost	$795.51

2016 Monthly Cost Savings	$613.82
2016 Per Fixture savings	$2.82

Operating hours per month =342

Annual Cost Savings	$7,365.85

Note, the savings calculation and percent savings estimate is for the fixture only. Other components costs are not affected by this change.
1,000 W HPS fixture are not included in the the savings calculation because there is not a direct LED replacement.

©Commonwealth Edison Company, 2016
"Smart Ideas® Energy Efficiency program is funded by ComEd customers in compliance with Illinois law."

Streetworks

DESCRIPTION

The Verdeon LED roadway luminaire combines optical performance, energy efficiency, and outstanding versatility to meet the requirements of any roadway application. Advanced optical technology delivers unparalleled uniformity, scalability, and budget-beating operating costs for municipal streets and highways. UL/cUL listed for wet locations with an optional IP66 enclosure rating available.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction
Heavy-duty die-cast aluminum housing and door. Tool-less entry, hinged removable door for easy maintenance. 3G vibration rated.

Optics
Optics are precisely designed to shape the distribution maximizing efficiency and fixture spacing. Offered standard in 4000K (+/- 275K) CCT and 70 CRI. Optional 5700K CCT and 3000K CCT are available.

Electrical
120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 10kV/10kA common- and differential- mode surge protection available. Thermal management transfers heat away from the LED source for optimal efficiency, light output and lumen maintenance. Operates in ambient temperatures from -40°C to 40°C. 50°C HA (high ambient) option available. Standard three-position tunnel type terminal block. LED modules are modules are IP66 rated.

Mounting
Two-bolt/one-bracket slipfitter with cast-in pipe stop and 2.5° leveling steps. Four-bolt/two-clamp mounting option. Fixed-in-place bird guard seals around 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) mounting arms. Optional 15" pole mount arm available with round pole adapter and mounting hardware included.

Finish
Housing and cast parts finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Consult your lighting representative at Eaton for a complete selection of standard colors.

Warranty
Five-year warranty.

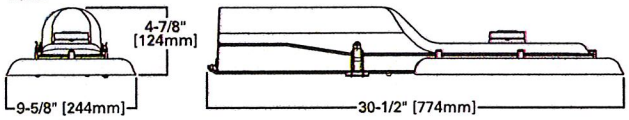
VERD VERDEON

LED

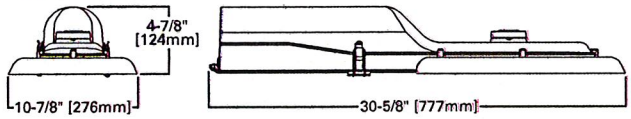
ROADWAY LUMINAIRE

DIMENSIONS

VERD

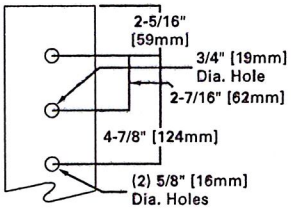


VERD-G



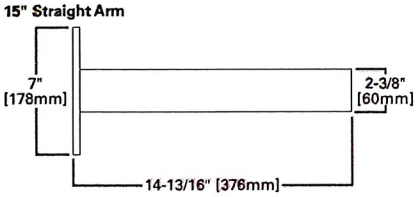
ARM DRILLING

TYPE "M"



OPTIONAL ARM

15" Straight Arm



CERTIFICATION DATA

UL and cUL Wet Location Listed
IP66-Rated Optics
3G Vibration Rated
ISO 9001
DesignLights Consortium™ Qualified*

ENERGY DATA

Electronic LED Driver
0.9 Power Factor
<20% Total Harmonic Distortion
120-277V/50 and 60Hz,
347V/60Hz, 480V/60Hz
-40°C Minimum Temperature Rating
+40°C Ambient Temperature Rating

EPA

Effective Projected Area (Sq. Ft.): 0.5

SHIPPING DATA

Approximate Net Weight:
20 lbs. (9.1 kgs.)

EATON
Powering Business Worldwide

*www.designlights.org

POWER AND LUMENS

Light Engine		A016	A018	A01	A028	A02	G-A028	G-A02
Nominal Power (Watts) @ 120V		36W	51W	64W	72W	92W	103W	143W
Nominal Power (Watts) @ 277V		36W	51W	64W	72W	92W	103W	143W
Nominal Power (Watts) @ 347V		40W	56W	N/A	79W	101W	113W	154W
Nominal Power (Watts) @ 480V		40W	56W	N/A	79W	101W	113W	154W
Optics								
Type II	Lumens	3,855	4,936	5,839	7,858	9,294	12,064	15,332
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3
Type III	Lumens	3,775	4,833	5,716	7,693	9,099	11,946	15,182
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
Type IV	Lumens	3,785	4,846	5,732	7,714	9,123	11,944	15,180
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G4
Type V	Lumens	3,864	4,948	5,852	7,876	9,315	12,137	15,425
	BUG Rating	B3-U0-G2	B3-U0-G2	B3-U0-G2	B3-U0-G3	B4-U0-G3	B4-U0-G3	B4-U0-G3

NOTE: Lumen output for AP Grey fixture color, 120-277V.

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (50,000 hours)	Theoretical L70 (Hours)
A01*		
25°C	>88%	>127,000
40°C	>82%	>87,000
A018, A016, A02, & A028		
Ambient Temperature	**TM-21 Lumen Maintenance (50,000 hours)**	**Theoretical L70 (Hours)**
25°C	>92%	>200,000
40°C	>90%	>145,000
G-A02 & G-A028		
Ambient Temperature	**TM-21 Lumen Maintenance (60,000 hours)**	**Theoretical L70 (Hours)**
25°C	>91%	>250,000
40°C	>90%	>200,000

* A01 Not available in 347V or 480V.

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

ORDERING INFORMATION

Sample Number: VERD-A018-D-U-T2-4N7-AP

Product Family [1,2]	Light Engine [3]	Driver [5]	Voltage	Distribution
VERD=Verdeon	**A01**=1 LED, Full Output [4] **A018**=1 LED, Approximately 80% Output **A016**=1 LED, Approximately 60% Output **A02**=2 LEDs, Full Output **A028**=2 LEDs, Approximately 80% Output **G-A02**=High Lumen, 2 LEDs, Full Output **G-A028**=High Lumen, 2 LEDs, Approximately 80% Output	**E**=Non-Dimming **D**=Dimming (0-10V) [6]	**U**=Universal (120-277V) **8**=480V [7,8] **9**=347V [7]	**T2**=Type II **T3**=Type III **T4**=Type IV **T5**=Type V

Options (Add as Suffix)	Color	Accessories (Order Separately)
7030=70 CRI / 3000K CCT [9] **7060**=70 CRI / 5700K CCT [9] **4**=NEMA Twistlock Photocontrol Receptacle **4N7**=NEMA 7-PIN Twistlock Photocontrol Receptacle [9] **10K**=10kV UL 1449 Surge Protective Device **10MSP**=10kV MOV Surge Protective **IP66**=IP66 Rated Housing **HA**=50°C High Ambient Temperature **MS/DIM-L08**=Motion Sensor for Dimming Operation, Maximum 8' Mounting Height [10,11,12] **MS/DIM-L20**=Motion Sensor for Dimming Operation, Maximum 9' - 20' Mounting Height [10,11,12] **MS/DIM-L40**=Motion Sensor for Dimming Operation, Maximum 21' - 40' Mounting Height [10,11,12] **DIMRF-LN**=Factory Installed LumaWatt RF Dimming Control System (Mounting Height 16' and Up) [12,14] **DIMRF-LW**=Factory Installed LumaWatt RF Dimming Control System (Mounting Height below 16') [13,14] **K**=Level Indicator **4B**=Four-bolt, Two-clamp Mounting **A15**=Arm Included (15" Straight Arm) [15]	**AP**=Grey (Standard) **BZ**=Bronze **BK**=Black **DP**=Dark Platinum **GM**=Graphite Metallic **WH**=White	**OA1223**=10kV/10kA UL 1449 Surge Module Replacement **OA/RA1013**=Photocontrol Shorting Cap **OA/RA1014**=NEMA Photocontrol - 120V **OA/RA1016**=NEMA Photocontrol - Multi-Tap **OA/RA1027**=NEMA Photocontrol - 480V **OA/RA1201**=NEMA Photocontrol - 347V **FSIR-100**=Wireless Configuration Tool for Motion Sensor [16] **HS-VERD**=Verdeon House Side Shield

NOTES:

1. Customer is responsible for engineering analysis to confirm pole and fixture compatiblity for all applications. Refer to our white paper WP513001EN for additional support information.
2. DesignLights Consortium™ Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
3. Standard 4000K CCT and 70 CRI.
4. Not available in 347V or 480V.
5. Consult factory for driver surge protection values.
6. Must specify 4N7 option.
7. Not available with A01 light engine.
8. Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
9. Extended lead times apply. Use dedicated IES files for 3000K and 5700K when performing layouts. These files are published on the Verdeon luminaire product page on the website.
10. Must specify dimming driver.
11. Not available with 4B option. Sensor mounted externally. Consult factory for more information.
12. The FSIR-100 accessory is required to adjust parameters.
13. LumaWatt wireless sensors are factory installed and require network components RF-EM-1, RF-GW-1 and RF-ROUT-1 in appropriate quantities. See website for LumaWatt application information.
14. LumaWatt wireless system is not available with photocontrol receptacle (not needed).
15. Round pole adapter and mounting hardware included. "M" drill pattern.
16. This tool enables adjustment of parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Eaton for more information.

Powering Business Worldwide

Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

VILLAGE OF LAKE BLUFF
REQUEST FOR BOARD ACTION

Agenda Item: 15

Subject:	A RESOLUTION AUTHORIZING AN ANIMAL/RABIES CONTROL AGREEMENT BY AND BETWEEN THE VILLAGE OF LAKE BLUFF AND THE LAKE COUNTY HEALTH DEPARTMENT
Action Requested:	ADOPTION OF THE RESOLUTION (Roll Call Vote)
Originated By:	LAKE COUNTY BOARD
Referred To:	LAKE BLUFF VILLAGE BOARD OF TRUSTEES

Summary of Background and Reason for Request:

On January 28, 1991, the Village of Lake Bluff authorized an agreement with the Lake County Health Department (LCHD) for the purpose of providing animal and rabies control services. In order to improve services, such as increasing cat and dog registration compliance, the Lake County Board amends the agreement from time to time and asks municipalities to acknowledge and authorize any revisions. The most previous revision to the contract (chiefly concerning changes to service fees) was approved by the Village Board in February 2008. The revised Fee for Service Agreement and Animal Care and Control Fee Schedule went into effect January 1, 2016 and the Village is being asked to acknowledge and authorize the following revisions: (i) clarification of the type of services provided during and after business hours; and (ii) reduction in the fees for the pickup and impoundment of stray roaming cats.

Historically, fees incurred by the Village under this service agreement are minimal and typically do not exceed $500 in any one fiscal year. With the exception of the aforementioned amendments, the terms remain unchanged and the agreement will renew automatically until either party to the agreement provides a 30 day termination notice.

Village Staff will be in attendance to answer questions from the Board.

Reports and Documents Attached:
1. A Resolution Authorizing an Animal/Rabies Control Agreement with the Lake County Health Department; and
2. Amended Fee for Service Agreement and Animal Care and Control Fee Schedule.

Chief of Police's Recommendation: Approval of the Resolution.

Village Administrator's Recommendation: Approval of the Resolution.

Date Referred to Village Board: **3/14/2016**

RESOLUTION 2016-

A RESOLUTION AUTHORIZING AN ANIMAL/RABIES CONTROL AGREEMENT BETWEEN THE VILLAGE OF LAKE BLUFF AND THE LAKE COUNTY HEALTH DEPARTMENT

WHEREAS, on January 28, 1991, the Village of Lake Bluff entered into an agreement with the Lake County Health Department for the Lake County Health Department to provide animal and rabies control services to the Village (***"Agreement"***); and

WHEREAS, in December of 1996 the Lake County Board approved amendments to the Lake County Animal/Rabies Control Ordinance to improve services to municipalities for animal control services and to increase cat and dog registration compliance; and

WHEREAS, on December 28, 2007, the Lake County Board approved revisions to the Lake County Animal/Rabies Control Ordinance, and as a result, Municipal Services Fees were increased to provide emergency and non-emergency service visits, transportation, animal boarding, and euthanasia of certain animals; and

WHEREAS, on February 25, 2008, the Village of Lake Bluff approved amendments to the Lake County Animal/Rabies Control Fee Agreement; and

WHEREAS, because the County amended the Lake County Animal/Rabies Control Ordinance, the County has requested that the Village and the County enter into a new agreement concerning the fees for the pick-up and impoundment of stray and roaming cats (***"New Agreement"***); and

WHEREAS, Village Staff has reviewed the New Agreement and recommend the approval of the New Agreement so that the Village can continue to participate with the County in a comprehensive animal/rabies control program for the health and welfare of the public; and

WHEREAS, the Village Board of Trustees has determined that it is in the best interest of the Village to approve the Agreement with the Lake County.

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

Section 1. Recitals.

The foregoing recitals are incorporated herein as findings of the President and Board of Trustees.

Section 2. Approval of New Agreement.

The New Agreement between the Village and Lake County is hereby approved in substantially the form attached as ***Exhibit A***.

Section 3. **Execution of New Agreement.**

The Village President and the Village Clerk are authorized and directed to execute and seal, on behalf of the Village, the New Agreement, only after receipt by the Village Clerk of at least one original copy of the New Agreement executed by Lake County.

PASSED this __ day of March, 2016 by vote of the Board of Trustees of the Village of Lake Bluff as follows:

AYES: ()

NAYS: ()

ABSENT: ()

APPROVED this __ day of March, 2016.

_____
Village President

ATTEST:

_____
Village Clerk

Attachment 2

Health Department and
Community Health Center

Tony Beltran, MBA
Executive Director

Population Health Services
3010 Grand Avenue, 2nd Floor
Waukegan, Illinois 60085
Phone: 847-377-8283

January 11, 2016

To: Lake County Villages and Municipalities that Utilize Lake County Animal Care and Control Services

From: Robin Van Sickle, Program Coordinator
Animal Care and Control

RE: Revised Fee for Service Agreement and Animal Care and Control Fee Schedule

Enclosed you will find an amended Fee for Service Agreement. The amended agreement clarifies and better describes the terms in order to assure the continuation of the positive working relationship we have between our agencies. An important change is a more comprehensive explanation of the services provided during and after office hours. Animal Care and Control staff takes pride in being available both during and after normal business hours, either in person or on the phone, to assist other enforcement agencies in interpreting and enforcing animal laws.

Also included in this packet is a revised Animal Care and Control Fee Schedule, which went into effect January 1, 2016. Some of the changes in the fee schedule relate to the fees we assess for services provided through our contractual agreements. One of our primary goals in revising the fee schedule is to encourage the pickup and impoundment of stray roaming cats within your municipality by reducing the fees to impound these cats.

Under the revised fee schedule, contracted agencies will not be charged transportation, boarding, and disposal fees for stray cats being picked up at a secure municipal location. Each stray cat impounded is a flat rate of $35 each as opposed to the previous variable rate of $90-$110 (depending on whether or not the cat was adoptable). Service visit fees will only be assessed when an Animal Care and Control warden responds to your jurisdiction to assist in the investigation or complaint of an animal related manner. As a reminder, fees are **only** assessed when Animal Care and Control services are approved by and provided to the partnering agency.

Please take the time to review the Agreement and Fee Schedule and contact me with any questions or concerns at 847-377-4716, or by email at rvansickle@lakecountyil.gov.
Signed agreements providing designated contact/authorization information can be sent directly to my attention at Animal Care and Control, 18736 W. Peterson Rd., Libertyville, IL 60048.

LAKE COUNTY HEALTH DEPARTMENT
AND COMMUNITY HEALTH CENTER
ANIMAL CARE AND CONTROL PROGRAM

FEE FOR SERVICE AGREEMENT

THIS AGREEMENT, entered into this _____ day of _____, 20____, by and between the **LAKE COUNTY BOARD OF HEALTH** (hereinafter referred to as "The Board of Health," and the **CITY/VILLAGE** of, _____(herein referred to as "The Municipality").

1. SERVICE VISITS

The Board of Health shall respond to all request for service visit calls within the municipality during normal business hours and shall respond to emergency calls on a twenty-four (24) hour basis. Services include, but are not limited to: the pickup of stray domestic animals; the pickup of injured wildlife; the pickup of aggressive animals running at large; the pickup of animals suspected of carrying the rabies virus; investigations of dangerous, animal-aggressive, or vicious dogs; investigations of animal neglect or cruelty; and general field assistance/support related to animal complaints or concerns.

Only requests for emergency services shall be responded to after normal business hours. Emergency services are restricted to: the removal of wildlife from living quarters; the pickup of stray biting animals, including wildlife; the pickup of injured stray dogs and cats; the pickup of animals from the scene of an arrest or other required removal of the owner; and the pickup of aggressively behaving stray dogs. Requests for emergency services pertaining to livestock will be at the discretion of the Board of Health.

Response to all service calls shall be as soon as possible, based on the circumstances of the situation and the priority of the call as determined by representatives of the Board of Health

All request for service calls shall be authorized by a representative designated by the Municipality.

The representative(s) named below is/are authorized by the Municipality to approve requests for service: (please type or print legibly)

During Business Hours: ___ a.m. to ___p.m. _____
Name Phone

After Business Hours: _____
Name Phone

2. ANIMAL BITES

Upon becoming aware of an animal bite to a human or to another animal, the Municipality shall notify the Board of Health. The Municipality shall direct the biting animal owner, keeper or harborer to contact the Board of Health to confirm the requirements for confining the animal for rabies observation, as specified in the Illinois Animal Control Act and Lake County Code of Ordinances Chapter 172. A report of the animal bite, on a form supplied by the Board of Health, shall be completed by the Municipality and submitted to the Board of Health within 24 hours.

The Board of Health shall provide support to the Municipality in the enforcement of the provisions of the Illinois Animal Control Act that pertain to biting animal investigations when requested.

3. IMPOUNDMENT

In accordance with Section 1, the Board of Health shall impound animals apprehended within the Municipality's boundaries. The Board of Health shall provide rabies observation by a licensed veterinarian for animals that have bitten and are impounded at the Lake County Animal Shelter.

4. ANIMAL CRUELTY AND NEGLECT INVESTIGATIONS

At the request of the Municipality, the Board of Health shall provide assistance in the investigation of animal cruelty and/or neglect. Animals seized in accordance with the Illinois Humane Care for Animals Act shall be housed at the Lake County Animal Shelter pending the disposition of the Court, or relinquishment by the owner. All boarding fees shall be the responsibility of the Municipality pending the disposition or relinquishment.

5. ANIMALS NOT RETURNED TO OWNERS

In accordance with the applicable State of Illinois statute(s) and Lake County Code of Ordinances, Chapter 172, the Board of Health shall provide humane disposal or release/transportation to a licensed animal shelter, rescue group or adoption facility of unclaimed animals that are apprehended within the Municipality's limits and impounded at the Lake County Animal Shelter.

6. EDUCATION

The Board of Health shall, at no cost, provide the Municipality with educational programs and/or materials on: animal bite reporting and prevention; animal cruelty and neglect investigations; and proper and humane care and treatment of animals which may be directed towards youth, public officials, or the general public.

7. ANIMAL CARE AND CONTROL ORDINANCE(S)

In carrying out the terms of this agreement, the Board of Health shall only enforce the provisions of the Lake County Code of Ordinances. The Board of Health will not enforce provisions of any ordinance or code adopted by the Municipality that are not included in the Lake County Code of Ordinances.

8. PAYMENT OF FEES FOR SERVICES

Except as specified in this section, fees for services provided by the Board of Health shall be assessed as established by the Lake County Animal Care and Control Fee Schedule, as amended from time to time.

The Board of Health and the Municipality agree that, if a Municipality **does not** operate an Animal Control Program or provide Animal Control Services, (i.e., does not employ animal wardens or community service officers who respond to animal related complaints as a normal job function) no fees shall be assessed to the Municipality for the following services: the removal of wildlife from living quarters; the pickup of stray biting animals, including wildlife; the pickup of injured stray dogs and cats; the pickup of stray dogs.

On a monthly basis, the Board of Health shall submit a statement to the Municipality listing the services provided during the previous month. Payments shall be made monthly by the Municipality to the Board of Health.

9. EFFECTIVE DATE

This agreement shall be effective on the date of signing by both parties and shall remain in force thereafter without further action, but may be terminated by either party as provided in Section 10.

10. TERMINATION CLAUSE

In the event that either party wishes to terminate this Agreement for any cause, including the lack of payment of fees for services, notification must be presented in writing and delivered either in person or by certified mail to the other party. The party requesting termination shall give thirty (30) days notice of the date of termination.

11. SEVERABILITY

If any section, subsection, subdivision, paragraph, sentence, clause, or phrase in this agreement, or any part thereof, is for any reason held to be invalid by a court of competent jurisdiction, that decision shall not affect the validity of the remaining portions of this agreement.

12. INDEMNIFICATION

The Municipality agrees to hold the County of Lake harmless and indemnify the County of Lake for any actions or omissions committed by the Municipality, its agents and/or employees.

LAKE COUNTY BOARD OF HEALTH

By: _____
President Date

Attest:

_____
Executive Director Date

CITY/VILLAGE OF: _____

By: _____
Mayor/President Date

Attest:

_____
Village Clerk Date

LAKE COUNTY HEALTH DEPARTMENT AND COMMUNITY HEALTH CENTER
ANIMAL CARE AND CONTROL FEES SCHEDULE

MUNICIPAL CONTRACT SERVICE FEES

Service visit (per warden/hour)	$50
After hours service visit (per warden/hour)	$200
Transportation of Livestock (per animal)	$75
Disposal of cat brought to the Animal Care and Control Facility or picked up at a secure municipal location	$35
Disposal of cat picked up at a location other than a secure municipal location	$85
Disposal of owned animal	$35
Disposal of wild animal brought to the Animal Care and Control Facility	$20
Disposal of wild animal apprehended in municipality	$100
Dog or Livestock Boarding Cost (per animal/day)	$15
Cat Boarding Cost (per animal/day)	$10
Miscellaneous Pet Boarding (per animal/day)	$5
Euthanasia of cat	$35
Removal of animal(s) through court ordered eviction (per warden/hour)	$50
Euthanasia of dog	$100
Service visit to municipality without contract (per warden/hour)	$200

VILLAGE OF LAKE BLUFF
REQUEST FOR BOARD ACTION

Agenda Item: 16

Subject: A RESOLUTION AUTHORIZING THE EXECUTION OF A CONSTRUCTION CONTRACT WITH SCHROEDER & SCHROEDER, INC. OF SKOKIE, ILLINOIS, FOR THE VILLAGE OF LAKE BLUFF'S FY2016 PORTLAND CEMENT CONCRETE (PCC) SIDEWALK REPLACEMENT PROJECT

Action Requested: ADOPTION OF RESOLUTION (Roll Call Vote)

Originated By: VILLAGE ENGINEER

Referred To: VILLAGE ENGINEER

Summary of Background and Reason For Request:

At 10:30 a.m. on Wednesday, March 9, 2016, bids were opened in the Board Room of the Lake Bluff Village Hall for the Village's FY2016 Concrete Sidewalk Replacement Project. A total of five bids were received. The lowest responsive bid was submitted by Schroeder & Schroeder, Inc. of Skokie, Illinois, in the total amount is $28,320.00.

The Village's FY2016-2017 Proposed Budget includes a total of $35,000 for the miscellaneous sidewalk replacement work which is $6,680 greater than the low bid amount of Schroeder and Schroeder, Inc. The remaining budget amount is intended to be expended by increasing the quantities of sidewalk replacement in this contract and other miscellaneous sidewalk repairs.

Schroeder and Schroeder has successfully completed numerous concrete sidewalk replacement projects for the Village in the past. The Village Engineer is recommending that an award be made to Schroeder & Schroeder, Inc. in the total low bid amount of $28,320.00.

Reports and Documents Attached:

- A copy of the Resolution

Village Administrator's Recommendation: Adoption of Resolution

Date Referred to Village Board: **3/14/2016**

RESOLUTION NO. 2016-__

A RESOLUTION AUTHORIZING THE EXECUTION OF A CONSTRUCTION CONTRACT WITH SCHROEDER & SCHROEDER, INC. OF SKOKIE, ILLINOIS, FOR THE VILLAGE OF LAKE BLUFF'S FY2016 PCC SIDEWALK REPLACEMENT PROJECT

WHEREAS, the Village's Purchasing Policy and Procedures Manual provides for the solicitation of competitive bids for the construction of public works projects in excess of $20,000; and,

WHEREAS, the Village Engineer supervised the preparation of contract documents specifying the Village's FY 2016 PCC Sidewalk Replacement Project; and,

WHEREAS, sealed bids for the Village's FY2016 PCC Sidewalk Replacement Project were opened and read aloud at 10:30 A.M., on Wednesday, March 9, 2016, in the Board Room of the Lake Bluff Village Hall; and,

WHEREAS, Schroeder & Schroeder Inc. submitted the lowest responsive and qualified bid for the specified improvements for the Village of Lake Bluff's portion of the work at a total unit price extended amount of $28,320.00; and,

WHEREAS, adequate funds are included in the Village's approved FY 2016 budget for the PCC Sidewalk Replacement Project; and,

WHEREAS, the Village Engineer recommends awarding the contract to Schroeder & Schroeder Inc., of Skokie, Illinois.

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

1. The Village Board of Trustees hereby awards the FY2016 Miscellaneous PCC Sidewalk Replacement Project to the lowest responsive and qualified bidder: Schroeder & Schroeder Inc., of Skokie, Illinois.

2. The Village Administrator is hereby authorized and directed to execute a construction contract in a form acceptable to the Village Attorney with Schroeder & Schroeder Inc. of Skokie, Illinois to complete the FY2016 PCC Sidewalk Replacement Project at a total extended unit price amount of $28,320.00.

PASSED this ___ day of March, 2016, by vote of the Board of Trustees of the Village of Lake Bluff, as follows:

AYES: (0)

NAYS: (0)

ABSENT: (0)

APPROVED this ___ day of March, 2016.

_____
Village President

ATTEST:

_____
Village Clerk

VILLAGE OF LAKE BLUFF
REQUEST FOR BOARD ACTION

Agenda Item: 17

Subject:	A PUBLIC HEARING CONCERNING THE VILLAGE OF LAKE BLUFF PROPOSED FISCAL YEARS 2017-18 BIENNIAL BUDGET
Action Requested:	CONDUCT PUBLIC HEARING
Originated By:	VILLAGE STAFF
Referred To:	FINANCE COMMITTEE

Summary of Background and Reason For Request:

As required by law, the Village must hold a public hearing on the Tentative Biennial Budget after which hearing the budget may be revised and passed without any further inspection, notice or hearing. Consistent with past practice, first reading of the budget ordinance will follow this public hearing with second reading and adoption of the budget anticipated at the next Board meeting on March 28th. Notice of this hearing was published in the Pioneer Press – Lake Forester on March 3, 2016.

The Finance Director will present a summary report of this Tentative Budget (lakebluff.org part 1 and part 2) and be available to respond to questions at the hearing.

Reports and Documents Attached:

- Public Hearing Notice.

Village Administrator's Recommendation: Conduct Hearing

Date Referred to Village Board: **3/14/2016**

CHICAGO TRIBUNE
media group

VILLAGE OF LAKE BLUFF
FY 2017-FY 2018 TENTATIVE
BIENNIAL BUDGET
PUBLIC HEARING NOTICE

Public Notice is hereby given that the Board of Trustees of the Village of Lake Bluff will conduct a public hearing on the Tentative Biennial Budget of the Village of Lake Bluff, Illinois for a period commencing May 1, 2016 and ending April 30, 2018. Said Tentative Biennial Budget was published in the Journal of the Proceedings of Lake Bluff on March 2, 2016. Copies of said Tentative Biennial Budget have been available for public inspection at the Village Hall, 40 E. Center Ave.; at the Public Safety Building, 45 E. Center Ave.; and at the Public Library, 123 E. Scranton Ave. located in Lake Bluff, Illinois 60044 at all times during regular business hours and is on the Village's website at www.lakebluff.org. A public hearing will be held on the Tentative Biennial Budget of the Village of Lake Bluff for the period commencing May 1, 2016 and ending April 30, 2018 in the Village Hall Board Room, 40 E. Center Ave., Lake Bluff, Illinois on March 14, 2016 at 7:00 P.M., or as soon thereafter as the business of the Board shall permit. Anyone desiring to be heard on said matter should appear at said time and place. After said public hearing said Tentative Biennial Budget may be further revised and passed without any further inspection, notice or hearing.

February 23, 2016
R. DREW IRVIN
Lake Bluff
3/3/2016 3994236

VILLAGE OF LAKE BLUFF
REQUEST FOR BOARD ACTION

Agenda Item: 18

Subject:	AN ORDINANCE ADOPTING THE BIENNIAL BUDGET FOR THE VILLAGE OF LAKE BLUFF FOR THE FISCAL YEARS COMMENCING MAY 1, 2016 AND ENDING APRIL 30, 2018
Action Requested:	FIRST READING APPROVAL (Roll Call Vote)
Originated By:	VILLAGE STAFF
Referred To:	FINANCE COMMITTEE

Summary of Background and Reason For Request:
This tentative budget, in the amount of **$14,043,941** plus **$1,192,218** in inter-fund transfers for FY2017 and **$13,934,293** plus **$1,241,853** in inter-fund transfers for FY2018, includes the Village of Lake Bluff funds and the Lake Bluff Public Library funds. For the first time ever the Village is submitting a two-year fiscal plan; this multi-year budget process emphasizes long-range planning, budgeting for results, effective program management, and fiscal responsibility. Specifically, the primary objectives of this budget are to: (i) maintain current fund balances at or above Village minimum reserve levels, (ii) control operational costs, (iii) continue reinvestment in Village infrastructure, and (iv) continue to deliver quality and efficient services residents expect from the Village of Lake Bluff. Additionally, this budget has been assembled with the intention to allocate resources consistent with the developed 2016 Village Strategic Plan.

The operating budget (all costs except capital and contingency) for the Village and the Library is $10.774 million for FY2017 and $10.966 million for FY2018, both years representing a 1.8% increase from the previous year budget. The capital expenditure budget of $3.014 million for FY2017 and $2.707 million for FY2018 represents 21% and 19% respectively, of the total budget. Property taxes and sales taxes continue to be the two largest sources of revenue at $4.2 and $3.6 million, respectively. Sales tax revenue projections are 17% and 18% higher for FY2017 and FY2018, respectively, than the FY2015 actual sales tax revenue as automobile and auto-related sales recovered in 2015, Heinen's grocery store began operations in the vacant Dominick's space in October 2014, and the Target store and adjacent out lot businesses began generating sales taxes in the July 2015. This budget was prepared with no recommended fee changes except for a 2.2% rise in the water rate from $6.95 to $7.10 per thousand gallons.

Locally, the economic climate improved in the prior fiscal year as evidenced by the 7% rise in income tax receipts estimated for FY16; however, there continues to be significant concerns regarding the state's fiscal management and its potential effect on the municipal allocation of state-shared revenues such as income, sales, personal property replacement, and motor fuel taxes. This budget was prepared with no modification in the formula for these State-shared sources nor with any property tax freeze, as there has been no clear plan coming from Springfield. Last year the Village increased its General fund balance reserve from 30% to 50% of operating expenditures to provide expanded flexibility to address potential revenue cuts and unanticipated issues. During this budget period the Village will postpone some capital items to address any changes enacted by the State legislature. From a planning perspective, our economic outlook remains cautious as the sustainability of the recovery is still uncertain.

On February 12, 2016 the Village Finance Committee discussed and recommended approval of this tentative budget document, which has been available for public inspection since March 3, 2016 at the Village Hall, the Public Safety Building and the Lake Bluff Library as well as on-line at the Village's website at lakebluff.org.

Reports and Documents Attached:

1. A Copy of the Ordinance; and
2. Tentative Budget Transmittal Letter.

Village Administrator's Recommendation: First reading approval of the ordinance.

Date Referred to Village Board: **3/14/2016**

Attachment 1

ORDINANCE NO. 2016-

AN ORDINANCE ADOPTING THE BIENNIAL BUDGET FOR THE VILLAGE OF LAKE BLUFF FOR THE FISCAL YEARS COMMENCING MAY 1, 2016 AND ENDING APRIL 30, 2018

WHEREAS, the Village of Lake Bluff has placed on file its proposed Tentative Biennial Budget and has made such Tentative Biennial Budget conveniently available for public inspection at least 10 days prior to the passage of the Biennial Budget; and,

WHEREAS, said Village of Lake Bluff held a public hearing on March 9, 2015 and complied with the provisions of Section 8-2-9.9 of the Illinois Municipal Code, 65 ILCS 5/8-2-9.9 (1996) in the matter of its Biennial Budget for the fiscal years commencing May 1, 2016 and ending April 30, 2018.

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

SECTION 1. BUDGET ADOPTED.

The Biennial Budget with expenditures in the sum of fourteen million, forty-three thousand, nine hundred forty-one and 00/100's dollars ($14,043,941) be and the same is hereby adopted as the Biennial Budget for the Village of Lake Bluff for the year commencing May 1, 2016 and ending April 30, 2017. The Biennial Budget with expenditures in the sum of thirteen million, nine hundred thirty-four thousand, two hundred ninety-three and 00/100's dollars ($13,934,293) be and the same is hereby adopted as the Biennial Budget for the Village of Lake Bluff for the year commencing May 1, 2017 and ending April 30, 2018. The Village Administrator is authorized to transfer amounts between line items and departments within the same fund.

SECTION 2. INTERFUND TRANSFERS.

Interfund transfers between Village funds, as specified in the Biennial Budget, in the sum of one million, one hundred ninety-two thousand, two hundred eighteen and 00/100's dollars ($1,192,218) for the fiscal year commencing May 1, 2016 and ending April 30, 2017 and Interfund transfers between Village funds, as specified in the Biennial Budget, in the sum of one million, two hundred forty-one thousand, eight hundred fifty-three and 00/100's dollars ($1,241,853) for the fiscal year commencing May 1, 2017 and ending April 30, 2018 are hereby approved and incorporated into the Biennial Budget.

SECTION 3. EFFECTIVE DATE.

That this Ordinance shall be in full force and effect from and after its passage, approval, and publication as provided by law and shall be published in pamphlet form.

PASSED this _____ day of March 2016, by vote of the Board of Trustees of the Village of Lake Bluff, as follows:

AYES: ( )

NAYS: ( )

ABSENT: ( )

APPROVED this ____ day of March 2016.

_____

Village President

ATTEST:

_____
Village Clerk

FIRST READING: March 14, 2016

SECOND READING: March 28, 2016

PASSED:

APPROVED:

PUBLISHED IN PAMPHLET FORM:

ORDINANCE NO. 2015-

AN ORDINANCE ADOPTING THE BIENNIAL BUDGET FOR THE VILLAGE OF LAKE BLUFF FOR THE FISCAL YEAR COMMENCING MAY 1, 2015 AND ENDING APRIL 30, 2016

Passed by the Board of Trustees,

Printed and Published,

Printed and Published in Pamphlet Form
by Authority of the
President and Board of Trustees

VILLAGE OF LAKE BLUFF
LAKE COUNTY, ILLINOIS

I hereby certify that this document
was properly published on the date
stated above.

_____
Village Clerk

NORTH SHORE LIFE
LAKE BLUFF STYLE

March 3, 2016

Village Residents
Honorable Village President
Board of Trustees
Village of Lake Bluff, Illinois

The Tentative Biennial Budget of the Village of Lake Bluff, Illinois for the fiscal years commencing May 1, 2016 and ending April 30, 2018 is hereby submitted. This budget, in the amount of **$14,043,941** plus **$1,192,218** in inter-fund transfers for FY2017 and **$13,934,293** plus **$1,241,853** in inter-fund transfers for FY2018, includes the Village of Lake Bluff funds and the Lake Bluff Public Library funds. For the first time ever the Village is submitting a two-year fiscal plan; this multi-year budget process emphasizes long-range planning, budgeting for results, effective program management, and fiscal responsibility. Specifically, the primary objectives of this budget are to: (i) maintain current fund balances at or above Village minimum reserve levels, (ii) control operational costs, (iii) continue reinvestment in Village infrastructure, and (iv) continue to deliver quality and efficient services residents expect from the Village of Lake Bluff. Additionally, this budget has been assembled with the intention to allocate resources consistent with the developed 2016 Village Strategic Plan. Because this is a two-year fiscal plan, two fiscal years will be noted throughout this transmittal.

The most significant changes to the FY2017-FY2018 expenditures reflect the following: (i) an increase in Village infrastructure investment as capital spending is 21% of the total budget in FY2017 and 19% of the total budget in FY2018; and (ii) a 4% increase in FY2017 and a 5% increase in FY2018 in resources allocated to the Vehicle/Equipment Replacement Fund to adequately finance future replacements.

Since the start of the 2008 recession, the Village has reduced its workforce from 50 to 38 regular full time employees. The Village reduced the number of full time employees by 3 to 35 in FY2015 as a result of outsourcing dispatch operations to the Village of Glenview. Previously, seven positions were eliminated through attrition and five employees were offered positions with Groot Industries Inc. as part of the privatization and modification of the household waste collection program in February 2009.

Please note that the Lake Bluff Public Library is a component unit of the Village for budget purposes and as such, has a separately elected Board of Trustees. The Library Board selects management staff, establishes budgets and property tax levies, and otherwise directs the affairs of the Library. However, the library property tax levy must be levied by the Village on its behalf requiring the inclusion of the Library's budget within the Village's document.

Pursuant to state law, the tentative budget document was made conveniently available for public inspection on March 3, 2016, the first reading of the budget ordinance and a public hearing is scheduled to be held on March 14, 2016, and the budget is anticipated to be adopted by the corporate authorities on March 28, 2016. Amendments made after the adoption of the budget must

be approved by 2/3rd majority of the corporate authorities. This budget is available on the Village's website at www.lakebluff.org.

Budget Influences and Current Trends

According to Nielsen, consumer confidence increased 18 points in the U.S. (to 119) in the 3rd quarter of 2015—the highest score for the country in Nielsen's 10-year consumer confidence history. Locally, the economic climate improved in the prior fiscal year as evidenced by the 7% rise in income tax receipts estimated for FY16; however, there continues to be significant concerns regarding the state's fiscal management and its potential effect on the municipal allocation of state-shared revenues such as income, sales, personal property replacement, and motor fuel taxes. This budget was prepared with no modification in the formula for these State-shared sources nor with any property tax freeze, as there has been no clear plan coming from Springfield. Last year the Village increased its General fund balance reserve from 30% to 50% of operating expenditures to provide expanded flexibility to address potential revenue cuts and unanticipated issues. During this budget period the Village will postpone some capital items to address any changes enacted by the State legislature. From a planning perspective, our economic outlook remains cautious as the sustainability of the recovery is still uncertain.

The increase in the General fund balance reserve to 50% was in response to the increasing reliance on auto sales taxes as well as the steady threat of the state pulling municipal revenues. The housing and financial markets collapse in 2008 significantly reduced building permit and related permit revenues from 2009-2014. The redevelopment of a former Chevy dealership site into a Target store with several perimeter out lot retail businesses and the renovation of the vacant Dominick's grocery store space into the upscale Heinen's Fine Foods has elevated building permit revenue from $490k in FY2014 to a $1 million in FY2015. However, lacking some large commercial redevelopments, the FY2016 building permit estimated revenue was reduced to an estimated $500k based on a moderate recovery in residential building and renovations. Estimated building permit revenues are projected to be $510k in FY2017 and $520k in FY2018. Sales tax revenue projections of $3.603 million for FY2017 and $3.635M in FY2018 represent the second largest source of income to the Village and exceeds the prior peak sales tax revenue in FY2008 of $3.242 million. These projections include an estimate of sales taxes to be received from Heinen's, Target and the restaurants adjacent to the Target store. The estimated actual figure for FY2016 of $3.604M is attributed to the resurgence of auto sales, a partial year of sales from the Target development, and two years of back sales taxes due from the city of North Chicago pursuant to a sales tax sharing arrangement for businesses located in an unincorporated adjacent corridor.

In addition to the Vision for 2016 Strategic Plan, there are many other influences on the proposed two year fiscal plan including the Village's comprehensive land use plan, multi-year capital plan, Village Board consensus, intergovernmental agreements, public initiatives, other governmental requirements, public safety and health factors, and requests from other standing Village Advisory Boards.

Budget Brief

The Village provides police protection; fire suppression and ambulance services; street, lighting, bridge, and public property maintenance; sanitation, recycling, and yard-waste collection services; building and zoning code enforcement; water distribution; storm and sanitary sewer collection; and general administrative services. The Village has 35 regular full time employees and a fully volunteer fire fighting force. This budget was prepared based on continuing/improving current service levels with the addition a part-time records clerk to supplement the current Police Department support staff, a seasonal building technician in the Community Development Department, and continuation of the part-time administrative intern to provide assistance to the Administration Department.

Expenditures

The operating budget (all costs except capital and contingency) for the Village and the Library is $10.774 million for FY2017 and $10.966 million for FY2018, both years representing a 1.8% increase from the previous year budget.

The following are the significant details of this change by category and influences:

- Personnel services including salaries, benefits, and insurance:
  - FY2017: Salary increases of 2.5% overall with expected anniversary increases for union personnel. Police Patrol and Public Works collective bargain agreements expire April 30, 2016. Personnel changes include a request to add a seasonal building technician (no benefits), retain the Administrative Intern, and increase the budget for a part-time police support hire based on salary expectations for qualified applicants. Increase in Police overtime due to the maternity leave for one officer and a year-long military leave for another officer.
  - FY2018: Salary increase of 3% over the prior year salaries to adjust for estimated anniversary increases, merit increases, and potential changes in the salary ranges. No personnel changes.
  - Benefits: Medical and dental insurance budgeted to increase by 10% for both FY2017 and FY2018.
- Pension costs:
  - Police Pension costs reflect the annual 3% COLA benefit adjustments.
  - Illinois Municipal Retirement Fund (IMRF) is mandatory for all other full time employees. The Village required contribution rate is 10.19% for calendar year 2016. The 2015 employer rate was 10.57%.
- Program Management:
  - The Administration division budget includes $42k in both FY2017 and FY2018 for continuation of the branding program recommendations. The Forestry division budget includes $5.5k for the continuation of the tree canopy/sharing program.
  - All other services are budgeted to continue at current levels.
- Contracts & Commodities:
  - Technology service provider costs doubled from about $30k to $60k per year in FY15 with new information technology service provider InterDev. The 3-year contract expands support services, strengthens the infrastructure, and greatly improves system security–all with an aggressive service level agreement system.
  - Groot household waste, yard waste, and recycling contract cost increased 1.5% effective February 1, 2016 pursuant to contract and is expected to rise 1.5% effective February 1, 2017.
  - Parks and Parkway division includes $15k for contractual lighting of the downtown district during the winter holiday season.
  - Dispatching costs to the Village of Glenview are charged 90% to the Police and 10% to the Fire departments for years 3 and 4 of a 7 year contract.
  - Building inspection costs include $35k for the cost of outsourcing major commercial project plan reviews and inspections.
  - CLCJAWA wholesale water rate is $2.68 per thousand gallons and is projected to be $2.73 and $2.78 for FY17 and FY18, respectively.
- Contingency Budget:
  - Keeping with past practice, the General Fund contingency budget is $200,000 for both FY2017 and FY2018 or 2.5% of operating expenditures and Interfund transfers-out to provide for temporary funding of unforeseen needs of emergency or a non-recurring nature.

The capital expenditure budget of $3.014 million for FY2017 and $2.707 million for FY2018 represents 21% and 19% respectively, of the total budget. The projects included in this budget are:

	FY2017	FY2018
➢ Moffett/E. Witchwood Sanitary Sewer – design yr 1 construction yr 2	$ 80k	$800k
➢ East Prospect Sanitary Sewer – design yr 1 construction yr 2	$ 60k	$400k
➢ Street resurfacing program	$550k	$550k
➢ West Sheridan Pl open space water main extension	$400k	----
➢ Water meter auto read conversion	$375k	----
➢ Water tank control system replacement	----	$ 75k
➢ Pedestrian/bicycle path to connect the public safety building area, partially funded by $107k grant	$132k	----
➢ Corridor improvements/gateway signage	$ 50k	----
➢ Birch Rd slope stabilization – design yr 1 construction yr 2	$ 5k	$ 25k
➢ Train station and underpass lighting		
➢ Downtown Scranton/Center Ave streetscape improvements;	$ 32k	----
➢ Sanitary sewer lift station improvements;	$198k	$150k
➢ Replacement of financial integrated software system;	$150k	----
➢ Replace/repair handrails on Route 176 underpass;	----	$ 25k
➢ Village Hall ADA improvements and Public Safety building major maintenance	$167k	$ 66k
➢ Vehicles and Equipment replacements	$441k	$340k

A multi-year listing of the capital equipment and capital improvement projects is included in the Multi-Year Capital Plan Section. Specific vehicle and equipment replacements are shown in the Vehicle Replacement Fund schedule.

Interfund Transfers

- Increases of $10k to $284k in FY2017 and $15k to $299k in FY2018 in transfers from the General Fund to adequately reserve for vehicles and major equipment replacements. Public Works department funding was paused and Fire department funding was curtailed in FY2010 due to the recession.
- Transfers to the Motor Fuel Tax Fund was suspended this biennial budget as the street paving projects are being financed entirely by the General Fund.
- General obligation refunding debt issue series 2012 payments of $252k in FY2017 and $254k in FY2018 are paid for by transfers from the General Fund to the Bond Fund.
- Transfers of property tax revenue and personal property replacement tax of $657k in FY2017 and $689k in FY2018 from the General Fund to the Police Pension Fund are in compliance with GASB.

Major Revenue Sources

Below is a chart showing the revenues and other sources of funds to finance these expenditures.

Source of Funds	FY2018 Budget	FY2017 Budget	FY2016 Budget	FY17-18 % Chng	% of FY18	% of FY17
Property & R/B taxes	$ 4,238,513	$ 4,159,458	$ 4,124,321	1.9%	30.4%	29.6%
Sales taxes	$ 3,634,500	$ 3,602,800	$ 3,417,680	.9	26.1	25.7
Licenses, charge for services, & other operating revenue	$ 2,228,289	$ 2,201,394	$ 2,170,072	1.2	16.0	15.7
Water sales & charges	$ 1,394,100	$ 1,281,030	$ 1,387,875	8.8	10.0	9.1
Utility & other taxes	$ 886,700	$ 897,900	$ 875,845	(1.2)	6.4	6.4
Intergovernmental taxes (income, motor fuel & corporate personal property tx)	$ 780,640	$ 772,415	$ 767,250	1.1	5.6	5.5
Grants & donations	$ 30,653	$ 174,303	$ 330,153	(82.4)	.2	1.2

Water fund excess net assets	$ 58,974	$ 807,814	$ 230,175	(92.7)	.4	5.8
Governmental funds excess reserves	$ 681,924	$ 146,827	$ 157,656	364.4	4.9	1.0
Total	**$13,934,293**	**$14,043,941**	**$13,460,422**	**(.8)%**	**100%**	**100%**

Village revenues sources showed signs of recovery as automobile sales and building permits (from commercial redevelopments and renovations) rebounded in FY2015. While the Major Revenue Source of Funds chart above shows a reduction of .8% in all financing sources, it belies the gain in the financial position from the reduction in the use of excess reserves/net assets and the sale of assets from $955k in FY2017 to $741k in FY2018.

- Sales tax revenue projections are 17% and 18% higher for FY2017 and FY2018, respectively, than the FY2015 actual sales tax revenue as automobile and auto-related sales recovered in 2015, Heinen's grocery store began operations in the vacant Dominick's space in October 2014, and the Target store and adjacent out lot businesses began generating sales taxes in the July 2015.
- State shared income tax revenues are projected at $102.00 per capita for FY2017 and $103.00 per capita for FY2018, down from $105.00 per capita in FY2016. State-wide income tax receipts share to municipalities likely will be reduced even as the employment outlook improves.
- Natural gas tax revenue is expected to remain flat.
- Electric utility tax is expected to remain flat as no significant trend has emerged regarding costs or consumption.
- Telecommunications taxes are predicted to remain flat as the downward trend exhibited over the past several years appears to have abated.
- Water rate charged to residents is budgeted at a projected rate of $7.10 per thousand gallons, up for FY17 and $7.25 for FY18. The current rate is $6.95 per thousand gallons based on the multi-year rate analysis reviewed each year.
- Sewer charge revenue is based on no change in the $1.10 per thousand gallon rate and from the estimated water consumption less the summer sewer credit.

Economic Condition and Outlook

Community Profile

The Village is located approximately 33 miles north of the City of Chicago in Shield's Township in Lake County, Illinois. Lake Bluff is the furthest north of the string of eight affluent communities all fronting on Lake Michigan and known collectively as Chicago's "North Shore". Lake Bluff was incorporated in September 1895, operates under the Board/Administrator form of government, and has a land area of 4.5 square miles. The population as certified by the 2010 census is 5,722. On April 5, 2005 the voters granted the Village government home rule status. Home rule gives local governments expanded authority to use for the welfare of its residents. This includes the ability to adopt a broad range of local laws and ordinances, providing increased financial flexibility and discretion regarding other matters under its direct control unless specifically prohibited by state law.

Residential and Commercial Composition

The Village has within its boundaries about 2,075 single family residences, an Industrial and Commercial Corridor Business District (ICCBD), and a historic Central Business District (CBD).

The Waukegan Road Corridor Business Park is comprised of manufacturing, service, and retail firms including The Exchange Chevrolet, Imperial Motors Jaguar, Lake Forest Sports Cars, the Carriage Way Shopping Center; Pasquesi Home & Gardens, and the Knauz Auto Park consisting of six luxury auto dealerships and support services. The Carriage Way Shopping Center anchor Dominick's grocery store discontinued operations at the end of December 2013 and Heinen's Fine Foods, a Cleveland based family-owned business, renovated the space and opened for business in October 2014. Directly east of the Carriage Way Shopping Center is the Target store and out

lots which opened in July 2015. The neighborhood scale CBD has thriving restaurants, retail shops and service businesses.

Property Tax Assessed Valuation (EAV) and Extension Limitation Act

As a home rule unit of government, the Village is *not* legally subject to the Property Tax Extension Limitation Act (PTELL) (effective with the 2005 property tax levy). PTELL limits increases in the Village's property tax levy to the lesser of 5% of the previous year's levy or the Consumer Price Index. There are exemptions from this "cap" such as certain debt obligations and new property value added to the tax base. For non-home rule communities, increases in excess of the CPI or 5% (whichever is less) and not subject to the exclusions of the Act must be approved by the voters through a referendum. However, in January 2005 the Village Board approved Resolution #2005-6 committing to abide by the PTELL with regard to the non-Library portion of the Village's property tax levy.

The determination of Equalized Assessed Valuation (EAV), which is multiplied by the tax rate to calculate the property tax bill, is a complex process. Basically, the Township Tax Assessor appraises property and buildings (with exceptions for farm, railroad, and tax-exempt property) to approximate 1/3rd of the market value. This appraisal is then reviewed by the County Assessor and, finally, the State applies an equalizing multiplier. The 2015 projected EAV of $513,171,972 for the Village represents a 7% increase from the 2014 EAV of $479,518,737. This is the 1st year of an increase in EAV since 2008. Residential values account for 89% of the total EAV with commercial, industrial, and railroad properties comprising the balance of the EAV.

The Village share of the 2015 property tax levy, to be collected and recognized in FY2017, was approved in December 2015 as provided by Illinois State Statutes. The Village's share of the property tax levy is $3,193,412 or 1.4% over the 2014 tax extension of $3,149,695. Of this increase .8% is attributed to the CPI factor with the difference due to new construction added to the tax rolls. The Lake Bluff Public Library's 2015 levy of $886,048 increased 1.4% from the prior year tax extension of $873,918. Final EAV and tax extensions will be received from the County in April 2016. The 2016 levy projections (for FY2018 revenue) are based on a 0.7% CPI factor and new growth consistent with 2015 estimates.

Debt Management

Before issuing debt the Village Board weighs the value and necessity of a project, considers the availability of funds and evaluates the equity of having future residents who benefit from the improvement share in the costs. In October 2011 Moody's Investor's Service upgraded the Village's debt rating to **Aaa**, the highest rating available, for all of its outstanding bonds. The Village has two bond issues outstanding with a combined principal balance of $3.285 million. The Village refunded the 2006 G.O. bonds in September 2012 resulting in a net present value savings of $116,368 or 7.319% of the refunded principal. The 2012 general obligation refunding bond issue property tax levy has been abated each year with the payments made from a transfer to the Bond Fund from the General Fund consistent with the 2006 bond payments. The 2004 general obligation alternate water revenue bonds were refunded in October 2011 resulting in a net present value savings of $127,624 or 6.092% of the refunded principal. These bonds are being repaid exclusively from water sales and other water fee revenues. The Village continues to observe a very conservative debt policy that sets limits more stringent than allowed by law. Additional information on the Village's debt can be found on page 23.

Pension Cost Increases

The Village contributes to two defined benefit pension plans - the Illinois Municipal Retirement Fund (IMRF) and the Police Pension Plan. These Plans are not part of the much talked about, underfunded State of Illinois-sponsored pension plans. IMRF is an agent multiple-employer public employee retirement system for all employees who work over 1,000 hours per year and the Police Pension Plan is a single-employer plan for all sworn police officers. The benefit levels, and employee and employer contributions for the two plans are governed by Illinois Compiled Statutes (ILCS) and can be amended only by the Illinois General Assembly (ILGA).

IMRF covered employees contribute 4.5% of their salary (including overtime) for retirement, death, and disability benefits. The Village is required to contribute the remaining amount necessary to fund IMRF as specified by statute. The employer required contributions for 2015 and 2016 are 10.57% and 10.19%, respectively. Because the Village is required to contribute the actuarial required amount each year, this Plan is 88% funded based on the most recent valuation.

The Police Pension Plan, accounted for on the Village's financial statements as a pension trust fund, provides retirement, death and disability pension benefits. While the benefits and employee contribution levels are governed by ILCS, the administration and investments of the Plan is accomplished at the local level by a Pension Board of Trustees. This Board consists of three elected members from among the active officers and beneficiaries and two members appointed by the Village Board. The Village Director of Finance serves as the non-voting Treasurer of the Plan. Sworn officers contribute 9.91% of their base salary (not including overtime) to the Plan and the Village is required to contribute an amount determined by actuarial valuation. At May 1, 2015 the Police Pension Plan was 57.6% funded up from 53.7% funded in 2014 under the more conservative Entry Age Normal Cost method. This funding percentage is due in part to the restrictions on equity investments, the number of disability benefits relative to the size of the plan, and the duration of employee contributions compared to the years in retirement. The actuarial recommended 2015 employer contributions are 51.9% of the members' payroll. The Village Board remains concerned with the lack of influence in controlling these pension costs. This includes the following: the amount of the pension benefits, the retirement age of 50 with 20 years of service, the small size of the Village's pension pool, and the inaction on the part of the ILGA in passing meaningful public safety pension reform.

Significant Trends

Like many communities across the United States, Lake Bluff is attempting to balance expectations of residents with the uncertainty of the economy; obviously, the State of Illinois plays a role in this uncertainty. That said, the uncertainty of this "new normal" economy requires continued vigilance, prudence, and innovation to maintain financial stability.

Lake Bluff is limited in the amount of available developable land which restricts future building permit revenue and EAV increases, absent annexations or redevelopment measures. However, prior to the 2008 housing bubble burst, much building activity was ascribed to developers' attraction to the teardown and replacement of smaller homes with larger, more modern residences. This trend began a modest resumption in FY2015.

Beginning in 2011 the Village joined a group of 18 municipalities from the local area to discuss an initiative to reduce program costs through basic principles: bulk purchasing, the sharing of best practices, and the sharing of workloads. Any community could choose to opt out of a proposed project, maintaining communities' autonomy while simultaneously allowing interested parties to cooperate and save on costs. Best practices are exchanged and old formulas are abolished in favor of newer and more cost-effective strategies. This program, now called the Municipal Partnering Initiative (MPI), has managed to save about $500,000 between the communities. Lake Bluff has found success in this program for road paving, road patching, crack sealing, sewer cross-connection survey work, and parkway tree procurement. Through the outsourcing/consolidation of dispatch services with the Village of Glenview, the Village expects to realize over $900k in savings over the seven year agreement. Participation in MPI is expected to continue and expand as opportunities for cost savings and efficiencies are explored.

Indeed, the Village strives to partner with other taxing bodies, volunteers, social service organizations, and private industry to enhance the sense of community through special events, more efficiently use resources, and to connect those needing assistance with the appropriate organizations. This philosophy is evidenced by the inclusion in this budget of funds for the seasonal favorite, the weekly Farmers Market which is now in its 23nd year. The Village again coordinated

with a local organization to host the 4rd *Lake Bluff Twilight Criterium*, a professional bicycle race first held on June 1, 2012. Further, the Village continues its commitment to the needs of the youth and senior residents by maintaining its contractual relationships with the City of Lake Forest to encourage social interaction and provide other services that represent the interests of these groups. Importantly, the Village also recognizes the difficulty that some residents over 65 and on fixed incomes may have in continuing to afford their property taxes. In 2014, the Senior Citizen Property Tax Rebate Program was revised for the first time since 1999 with an increase in the income threshold from $25k to $40k and a rise in the maximum rebate amount from $350 to $500.

Achievements

Prior Year Achievements

Fiscal year 2015-16 was focused on implementation of the strategic plan goals; maintenance of Village buildings; development of a Village branding program; and long-term financial sustainability.

Strategic Plan Goals

Four years ago the Village engaged many stakeholders from throughout the community to create the Vision for 2016. The Vision, which was adopted by the Village Board, includes the mission statement, the guiding principles, and seven strategies to move toward attainment of this vision. During FY2014 one of the plan objectives was achieved with the engagement of a marketing firm to research the public's perception of Lake Bluff culminating in a branding plan and a new logo. Additional information on the strategies is located on pages 13-14 and the full document is available on the Village's website.

Infrastructure Improvements

* Continued the street resurfacing and capital improvement program spending $575k last year;
* Completed the water valve replacements for the West-side of the Village;
* Received grants for infrastructure projects and equipment replacements;
* Continued to lead the development of a design plan (Phase 1) for the reconfiguration of Rt. 176 and Rt. 41 interchange (both are State-owned roads) including facilitating resident workshops; and
* Began implementation of Waukegan Road Corridor opportunities and recommendations of the newly formed Development & Downtown Committee (DDC).

Operational Accomplishments

* Executed Village Branding and Marketing Initiative by commencing with branding of the Village's physical environment and online media presence;
* Continued participation with seven other communities in the North Shore Electricity Aggregation Consortium to offer residents electricity supply costs that have amounted to $1 million in three years and to research energy conservation initiatives and programs;
* Managed the consolidation of the Public Safety Dispatch services in partnership with multiple communities at a cost savings of $900,000 over the life of the 7 year agreement;
* Continued partnership with 3 other communities in the North Shore Cable Consortium to seek greater economies of scale and service improvements;
* Recruited and on-boarded critical Community Development personnel: Building Codes Supervisor and Village Engineer positions;
* Initiated Downtown Visual Preference Survey with Teska Associates as Village Consultant for CBD Blocks 2 & 3;
* Village Administrator served on the following Board of Directors:
    - Illinois City/County Management Association
    - Intergovernmental Risk Management Agency (President)
    - Solid Waste Agency of Lake County
    - LF/LB Chamber of Commerce
* Planned and Facilitated Village Board/Staff retreat;

* Planned and Developed First Time 2-year Fiscal Plan;
* Partnered in the Creation and Implementation of a new IT Consortium for local governments;
* Assisted in the Creation of and Staffing the new Sustainability & Enhancement Committee;
* Coordinated Village support of Many Special Events, such as the 4th of July Parade, Criterium Bike Race, It's a Wonderful Life, and Farmer's Market;
* Executed Recommendations of the 2014 Parking Study Including Metra Train Station Parking Designation Modifications and Facility Improvements;
* Initiated Residential Character Study Evaluating Historic Preservation Design Review and Residential Bulk Standards;
* Completed the recruitment process to replace retiring Village Mechanic;
* Maintained the Police Commission on Accreditation of Law Enforcement Agencies (CALEA) certification;
* Received the Tree City USA designation for the 20th consecutive year;
* Again attained the Government Finance Officers Association (GFOA) awards for its financial report and budget document;
* Continued reviewing and updating the 1997 Comprehensive Plan and Zoning Code; and
* Participated in the Tri-Board Advisory Committee consisting of two representatives from the Village, the Elementary School District and the Park District.

Current Fiscal Year Objectives

The current years will be focused on maintaining the Village's infrastructure and ensuring quality service delivery. A short description of some of the more significant initiatives proposed for the FY2017-FY2018 fiscal years is as follows:

* Replace obsolete water meters and implement automatic reading system;
* Replace financial accounting, vehicle licensing and building permit integrated software system;
* Participate in North Shore Cable Consortium to more effectively provide public access programming and production;
* Finalize Phase 1 study of the reconfiguration of Route 41/Route 176 interchange fully funded by state and federal grants;
* Continue implementation of Village marketing and branding program recommendations;
* Continue to assess and analyze Village services;
* Institute a 2-year Budget Initiative;
* Continue to seek public and private partners to achieve organizational efficiencies;
* Complete the revisions to the 1997 Comprehensive Plan and Zoning Code; and
* Facilitate economic development activities including completion of redevelopment of the former Shepard Chevrolet site to a Target store and other smaller retailers.

Future Considerations

Planning and Zoning Issues

In May 2012, the Village Board consolidated the Planning Commission and Zoning Board of Appeals (PCABA) for efficiency purposes. The PCZBA anticipates consideration and feedback on the following: (i) an update of the Comprehensive Plan and (ii) amendments to the Stonebridge planned residential development. The Village will continue to develop planning objectives and more regulations for certain areas of the CBD.

Shared Services
The Village will look to build on its success with dispatching services as part of the MPI group on services such as cable television producing and programming as well as continuing to participate in the information technology consortium.

Village Service Demands/Needs
The Village proactively seeks creative solutions to the challenge of reducing the reliance on property taxes while still supporting the advanced level of public services provided. While home rule affords the ability to further diversify revenue sources, the Village will continue to evaluate staffing levels and assignments, and analyze operational activities in order to maximize work capacity, achieve economies of scale, and address community interests. Further, the Village will continue to assess technological innovations and cross/multi-jurisdictional solutions to increase productivity, control expenditures, improve the work environment, expand communications, and enhance service delivery in a manner that is sustainable.

Long-Term Financial Planning
In 2015 the Village expanded its annual capital program (included in this document) from a five to ten year program as a tool to identify and plan for future capital expenditures. The Village incorporates the capital program into its ten year General Fund balance projections in order to assess the financial ability to provide the current services into the future, repay debt to finance large capital expenditures, and adequately maintain the infrastructure without reducing the unreserved fund balance below the target minimum. These projections, as well as the Water Fund five year rate analysis, are updated each year and reviewed by the Finance Committee. This, as well as other planning sessions held throughout the year with other Boards and Commissions, reflects the Village's commitment to implementing the Comprehensive Plan recommendations, maintaining the aging public facilities and infrastructure, adequately funding retirement plans, complying with federal and state mandates, maintaining fund balances that are consistent with prudent financial management, and retaining a skilled and motivated workforce.

Other Information

Awards
The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to the Village of Lake Bluff for its annual budget for the prior fiscal year which commenced on May 1, 2015. In order to receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan and as a communications device.

This award is valid for a period of one year only. We believe that this current budget continues to conform to program requirements. We will be submitting this budget to GFOA to determine its eligibility for this award.

Acknowledgments
Without the support, coordination and ability of the Village's Department Heads and the oversight of the Finance Committee of the Village Board, presentation of this budget document would not be possible. Special appreciation is extended to the Finance Department for the presentation of accurate and meaningful information vital to the Village's operation. Finally, if you have any questions or comments regarding this budget, please contact us.

Sincerely,

R. Drew Irvin
Village Administrator
Budget Officer
dirvin@lakebluff.org

Sincerely,

Susan M. Griffin
Director of Finance
sgriffin@lakebluff.org

VILLAGE OF LAKE BLUFF
REQUEST FOR BOARD ACTION

Agenda Item: 19

Subject: ORDINANCES ADOPTING UPDATED BUILDING REGULATIONS (TITLE 9 LAKE BLUFF MUNICIPAL CODE)

Action Requested: ADOPTION OF THE RESOLUTION (Roll Call Vote)

Originated By: VILLAGE STAFF

Referred To: ARCHITECTURAL BOARD OF REVIEW

Summary of Background and Reason For Request:
Lake Bluff Village policy is to consider the adoption of the latest building codes every three to four years in order to stay current with the latest technology and best practices in the industry. Accordingly, staff has prepared the attached recommended changes to Village Ordinances to adopt the new codes. As was true in previous years, the model codes under consideration are published by the International Code Council (ICC) and the National Fire Protection Association (NFPA), or, in the case of the Plumbing Code and the Accessibility Code, by the State of Illinois.

The Architectural Board of Review (ABR) discussed the proposed changes at their meetings on January 5 and February 2, and held a public hearing regarding the proposed changes on March 1, 2016. The ABR heard no objections or comment from public at the discussions or public hearing. The technical details of the latest editions of the codes are summarized in the attached memo.

Staff recommends that the amendments to Chapter 1 (Administration and Enforcement) of Title IX relating to permit renewals be effective immediately after second reading in order to allow people to renew expiring permits in accordance with our the new procedures as soon as possible. Approval by the State of Illinois Department of Public Health is required for the Plumbing Code amendments. After the first reading of the ordinance amending the Plumbing Code, staff will send the ordinance to the State for this approval. The Plumbing Code amendments will return to the Village Board for second reading after receiving this approval. Staff recommends that the remaining amendments, relating to adopting the 2015 Codes in Chapter 2-5 and Chapter 7-18, be adopted with an effective date of July 1, 2016. This will allow people who have already begun designs to submit under the existing codes.

Reports and Documents Attached:

1. Memo Summarizing Changes in Latest Model Code Editions
2. Ordinance Amending Chapter 1
3. Ordinance Amending Plumbing Code
4. Ordinance Amending Chapter 2-5 and Chapter 7-18
5. 2015 ICC Model Codes Summary of Important Changes;
6. Significant Changes to the 2015 International Energy Conservation Code;
7. General Summary of the Changes to the Illinois Plumbing Code;
8. IDNR letter; and
9. Changes to the 2014 National Electrical Code (click here).

ABR's Recommendation: Adoption of the Ordinances.

Village Administrator's Recommendation: Adoption of the Ordinances.

Date Referred to Village Board: **3/14/2016**

Attachment 1

VILLAGE OF LAKE BLUFF

Memorandum

TO: President O'Hara and Members of the Board of Trustees
Drew Irvin, Village Administrator

FROM: Mike Croak, Building Codes Supervisor

DATE: March 9, 2016

SUBJECT: **Changes in Latest Editions of Model Codes**

Below is a list of the model codes currently adopted and proposed.

Currently Adopted Code	Proposed Code
2012 International Building Code	2015 International Building Code
2012 International Residential Code	2015 International Residential Code
2012 International Property Maintenance Code	2015 International Property Maintenance Code
2012 International Fire Code	2015 International Fire Code
2004 Illinois Plumbing Code	2014 Illinois Plumbing Code
2011 National Electrical Code	2014 National Electrical Code
2012 International Fuel Gas Code	2015 International Fuel Gas Code
1997 Illinois Accessibility Code	1997 Illinois Accessibility Code
2012 International Energy Conservation Code	2015 International Energy Conservation Code
2012 International Mechanical Code	2015 International Mechanical Code
2012 International Swimming Pool & Spa Code	2015 International Swimming Pool & Spa Code
2012 International Existing Building Code	2015 International Existing Building Code

Noteworthy

Staff recommends one change to Title 9 (Building Regulations), Chapter 1(Administration and Enforcement) of the Lake Bluff Code:

Permit Renewals: Currently, Section 9-1-9 of the Lake Bluff Municipal Code provides that permits expire one year after issuance (unless a longer time is specified on the face of the permit) and that, if an extension is needed, the applicant must pay an additional 50% of the original permit fee for a six month extension. Because the amount of the renewal fee has been unduly burdensome for larger projects, this provision has not been consistently enforced in the past. The Village's goal is to incentivize prompt completion without unduly burdening larger projects that may need more time. Accordingly, staff's recommendation is the following:

1. Keep existing 12 month expiration date for permit for project of a construction cost of $300,000 or less.
2. Establish new 15 month expiration date for projects of more than $300,000 construction cost.
3. For renewals, charge $200 per month if exterior work is incomplete, but only $100 per month if exterior work is complete and only interior is incomplete.
4. Require a deposit to cover 6 months of permit renewals, before a Temporary Certificate of Occupancy is issued, unless the TCO is being issued more than 2 months before the expiration date and, in the opinion of the Code Official, it is reasonably likely that the work will be completed before the permit expiration date.
5. If permit expires and is not renewed while work is incomplete, then any bond (deposit) is forfeited.
6. Expiration date is based on the date the permit is issued or the date that work starts whichever is earlier.

International Building Code

Staff recommends adoption of the 2015 edition of International Building Code (IBC) with the same amendments that we had for 2012 edition, except for one change. An amendment that Lake Bluff adopted in 2010 requiring that fire rated partitions within a building be constructed of masonry has not proven to be practical. Staff recommends that we eliminate this amendment and allow fire rated partitions to be constructed of any materials allowed by the 2015 IBC. One reason why requiring masonry fire partitions has proven to be impractical is that the code requires a fire rated partition between restaurants and retail spaces; however, in multi-tenant buildings, tenant spaces change so frequently that it not practical to erect a masonry wall between every restaurant and every retail space. A variance to this amendment was granted to one of the Target outlots so that the wall between Meatheads and GNC did not have to be masonry. This amendment is only regarding fire partitions (which are within one building) and not fire walls (which separate different buildings).

Attached is a summary prepared by four trade associations that summarizes significant changes to the 2015 IBC and the other I-codes (codes published by the International Code Council). The overview on page 2 notes that there are several beneficial changes that make the 2015 IBC more user friendly.

International Energy Conservation Code

Illinois State law mandates that constructions projects for which permits are submitted on or after January 1, 2016 comply with the 2015 edition of the International Energy Conservation Code. Attached is a summary of 12 changes to the residential provisions of the new energy code and 11 changes to the commercial provisions.

Illinois Plumbing Code

1. Attached is letter from the Illinois Department of Natural Resources informing us that all communities that use Lake Michigan water are required by State law to establish plumbing code amendments requiring new plumbing fixtures to be Water Sense labeled for water conservation.
2. The IDNR letter also informs us that we are required to prohibit the irrigation of lawns during a six hour time period in the middle of the day. Currently, Section 8-1D-4 of the Lake Bluff Code prohibits watering for a five hour time period from 12:01 PM to 5:00 PM. Staff recommends amending the time to 11:00 AM to 5:00 PM.
3. Lake Bluff's municipal code refers to the 2004 edition of the Illinois Plumbing Code. Since the State has published a 2014 edition to the Illinois Plumbing Code, we will amend the municipal code to refer to the latest edition.
4. One of the more controversial changes to the Illinois Plumbing Code is that it now allows polyethylene tubing (PEX) for water supply piping. Staff recommends that we maintain our existing plumbing material restrictions, which are similar to those of neighboring communities, and which require copper pipe for water supply.

Illinois Radon Resistant Construction Act

State law has required new residential construction to provide a radon mitigation system (passive or active venting) since June 1, 2013. By adopting these requirements into the Lake Bluff Code, the Village will have the authority to enforce these requirements.

National Electrical Code

Attached is a summary of 12 significant changes within the latest edition of the National Electrical Code.

Attachment 2

VILLAGE OF LAKE BLUFF

ORDINANCE NO. 2016-___

AN ORDINANCE AMENDING THE ADMINISTRATIVE AND ENFORCEMENT PROVISIONS OF THE VILLAGE'S BUILDING REGULATIONS

WHEREAS, Title IX of the Village Code sets forth certain regulations and restrictions known as the "Lake Bluff Building Regulations" ("Building Regulations") to ensure the public health, safety, and welfare as affected by building construction and to secure safety to life and property from all hazards incident to the occupancy of buildings, structures, or premises; and

WHEREAS, the general administrative and enforcement provisions of the Building Regulations are set forth in Chapter 1 of Title IX of the Village Code; and

WHEREAS, pursuant to the home rule powers of the Village, the Village Board desires to amend the general administrative and enforcement provisions of the Building Regulations: (i) make administration of the Building Regulations more efficient; and (ii) to further clarify the Building Regulations;

WHEREAS, the Village Board has determined that it will serve and be in the best interest of the Village and its residents to amend the Village Code pursuant to this Ordinance;

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

Section 1: Recitals.

The foregoing recitals are incorporated into, and made a part of, this Ordinance as the findings of the Village Board.

Section 2: Amendments to Section 9-1-5 of the Village Code.

Section 9-1-5, titled "Building Permits," of Chapter 1, titled "Administrative and Enforcement," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-1-5: BUILDING PERMITS:

* * *

F. Plat Of Survey: Every application must include ~~five (5)~~ **four (4)** copies of a certified plat of survey prepared, signed, and sealed by a qualified land surveyor licensed by the state of Illinois, showing all boundaries of the property, setback lines, existing structures if any, and all easements of record submitted with the application.

* * *

G. Site Plan:

1. Every application for a permit authorizing new construction must include

a fully dimensioned site plan, drawn to scale in accordance with a plat of survey, showing the size and location of all new construction and all existing buildings and structures on the site, distances of the buildings or structures to all property lines, and the existing grades at the corners of the site**, at 20' intervals along the property lines and** at as many other locations as necessary to show the topography **and drainage** of the site. The site plan also must show the proposed final grades of the top of the building foundation walls, the finished site grades at all corners**, the finished site grades at 20' intervals along the property lines,** the intended surface water drainage plan, all parking lots with the required vehicle parking stalls, all outside lighting, landscaping, utility lines, and other required elements.

2. For demolition projects, the site plan must show all buildings and structures to be demolished, the location and size of all existing buildings and structures that are to remain on the site, and all finished grades, stormwater drainage structures, and swales to drain the site on completion of the demolition work. There shall also be a tree survey submitted indicating the existing trees on the property and the trees that will be removed or impacted by the demolition project. A property restoration plan shall also be included with the submittal.

3. In all cases, the requirement of a fully developed site plan may be modified or waived by the building commissioner in lieu of a simple plat plan for small building additions, accessory buildings and structures, demolition of minor buildings or structures, or other minor projects.

* * *

Section 3: Amendments to Section 9-1-9 of the Village Code.

Section 9-1-9, titled "Time Limits," of Chapter 1, titled "Administrative and Enforcement," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-1-9: TIME LIMITS:

* * *

A. Building Permits; Restoration: Any building permit issued pursuant to this title will be ~~null~~ **null** and void: 1) if the work authorized by such permit has not commenced within six (6) months after the date of issuance of such permit, or 2) if such work has begun but is suspended or abandoned for six (6) months or longer, or 3) if work is not completed within one year ~~or such other time as may be stated in the permit~~ **for projects with a construction cost of $300,000 or less or within fifteen (15) months for projects with a construction cost of over $300,000.** The building commissioner may, but is not **required** to, extend any such time limit ~~for six (6) months~~ for good cause shown, after written request for such extension and payment of a **deposit equal to an amount adequate to cover permit renewal for at least six (6) months or such longer time as the Building**

Commissioner may determine is likely to be necessary for the completion of construction. ~~fee equal to fifty percent (50%) of the original permit fee.~~ **The fee due shall be based on the monthly permit renewal fee set in the fee schedule for renewal of a permit with exterior work incomplete or renewal of a permit with only interior work incomplete, as the case may be.** ~~The building commission may grant no more than two (2) such extensions.~~

If a permit has expired and is not renewed, then all previous construction, if any, must be removed and the property restored to its original condition, and all fees paid therefor are forfeited to the village and the permit is null and void. If the permittee does not remove all previous construction and restore the property to its original condition, then the village may complete such removal and restoration and recover all of its costs and expenses by the filing of a lien on the property or by any other legal action permitted by law. **Any bond or deposit on file for such permit shall be forfeited to the Village.**

B. Applications: Any permit application pending for more than six (6) months for which no permit has been issued will be returned to the applicant and deemed null and void.

Section 4. Effective Date.

This Ordinance shall be effective following passage by the Board of Trustees of the Village of Lake Bluff in the manner required by law and publication in pamphlet form in the manner required by law.

[SIGNATURE PAGE FOLLOWS]

PASSED this __th day of ____ 2016, by vote of the Board of Trustees of the Village of Lake Bluff, as follows:

AYES: ()

NAYS: ()

ABSTAIN: ()

ABSENT: ()

APPROVED this __th day of ____ 2015.

_____
Village President

ATTEST:

_____
Village Clerk

FIRST READING:

SECOND READING:

PASSED:

APPROVED:

PUBLISHED IN PAMPHLET FORM:

Attachment 3

VILLAGE OF LAKE BLUFF

ORDINANCE NO. 2016-___

AN ORDINANCE AMENDING TITLE IX OF THE LAKE BLUFF MUNICIPAL CODE TO ADOPT LOCAL AMENDMENTS TO THE ILLINOIS PLUMBING CODE

WHEREAS, Title IX of the Village Code sets forth certain regulations and restrictions known as the "Lake Bluff Building Regulations" ("Building Regulations") to ensure the public health, safety, and welfare as affected by building construction and to secure safety to life and property from all hazards incident to the occupancy of buildings, structures, or premises; and

WHEREAS, the Building Code currently adopts by reference, with various modifications, the 2004 State of Illinois Plumbing Code (***"Illinois Plumbing Code"***); and

WHEREAS, the Illinois Department of Public Health has adopted a new Illinois Plumbing Code, which must be complied with in the Village; and

WHEREAS, the Village is permitted to make local amendments to the Illinois Plumbing Code with Illinois Department of Public Health approval, which approval has been given for the local amendments made pursuant to this Ordinance; and

WHEREAS, the Illinois Department of Natural Resources (***"IDNR"***) rules require, among other things, as a condition of receiving a supply of water from Lake Michigan, that the Village adopt ordinances requiring all new plumbing fixtures and irrigation controllers installed on properties that receive water from the Village water supply system to bear the WaterSense label, as designated by the United States Environmental Protection Agency WaterSense Program; and

WHEREAS, pursuant to the home rule powers of the Village, the Village Board desires to amend to adopt the latest edition of the Illinois Plumbing Code with local amendments to, among other things, comply with IDNR rules; and

WHEREAS, the Village Board has determined that it will serve and be in the best interest of the Village and its residents to amend the Village Code pursuant to this Ordinance;

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

Section 1: Recitals.

The foregoing recitals are incorporated into, and made a part of, this Ordinance as the findings of the Village Board.

Section 2: Amendments to Chapter 9-6-1 of the Village Code.

Section 9-6-1, titled "Adoption of Illinois Plumbing Law," of Chapter 6, titled "Plumbing Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

~~"9-6-1: ADOPTION OF ILLINOIS PLUMBING LAW:~~

The provisions of the Illinois plumbing license law, 225 Illinois Compiled Statutes 320/0.01 et seq., and the regulations adopted thereunder in 68 Illinois administrative code 750.100 et seq., and 77 Illinois administrative code 890.110 et seq. (collectively "Illinois plumbing law"), shall regulate the licensing of plumbers, the registration of irrigation contractors, and the design and installation of plumbing systems, including, but not limited to, sanitary and storm drainage, sanitary facilities, water supplies and stormwater and sewage disposal. The village hereby adopts the ~~2004~~ **current** edition of the Illinois plumbing code."

Section 3: Amendments to Section 9-6-3 of the Village Code.

Section 9-6-3, titled "Amendments to the Illinois Plumbing Law," of Chapter 6, titled "Plumbing Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-6-3: AMENDMENTS TO THE ILLINOIS PLUMBING LAW:

The following sections of the ~~2004~~ **current** Illinois plumbing code/law are hereby amended, revised, and changed as follows. Subsequent section numbers used in this chapter shall refer to the like numbered sections of the Illinois plumbing law:

* * *

2902.1 Additional Special Rules. The following additional special rules and regulations are hereby adopted as a part of this code:

1. All water pipe shall be run in type "L" copper for interior above ground and below grade water pipe shall be run in type "K" soft copper. PVC water pipe is not allowed.

2. All sanitary sewer services are to be installed with a length of ductile iron pipe through the foundation wall and spanning the over dig at the outside of the house to prevent shearing at the foundation. The service is to have a clean out of equal size extended to grade outside of the building at the end of the ductile iron.

3. All new sanitary lines shall be overhead type sewers to prevent possible surcharging the basement.

~~4. All new storm sewer connections are to be cored and installed with a core and T boot when connected to a village main or manhole.~~

~~5.~~ **4.** All storm sewer pipe is to be installed with SDR 26 PVC type pipe or approved equal.

~~6.~~ **5.** All directional bored storm or sanitary lines shall be inspected by use of a video camera supplied by contractor after installation to verify integrity and proper pitch of pipe. Village inspector to be on site at time video is taken.

~~7.~~ **6.** Eliminate the use of polyvinyl chloride (PVC) pipe with cellular core. See appendix A 12 of the Illinois plumbing law.

~~8.~~ **7.** All new sewer pipe connections of dissimilar material are to be made with no shear type fittings.

~~9.~~ **8.** No cross connections of any nature or description shall be permitted between the sanitary system and the storm sewerage system of any house premises or building in the village, nor shall any sump pump or drainage system of any nature be cross connected with or between said sanitary and storm systems. Relocation of storm sewer discharge is to be approved by the village.

~~10.~~ **9**. All new ~~and storm sewer~~ connections are to be bed in granular material as approved by the building department. Granular material is to be installed to a level 4 inches above the pipe.

~~11.~~ **10.** Water service to any premises shall not be less than one and one half inch ($1^1/_2$") inside diameter and shall be installed to a depth of not less than 5 feet or more than seven feet. Water services one and one half inch or two inch diameter shall be type K copper. Water services of greater than 2 inch in diameter may be of cement lined ductile cast iron pipe.

~~12.~~ **11.** Where a domestic water line is serving a property and additional well for water will not be permitted unless otherwise approved by a special use permit.

~~13.~~ **12.** When a new water meter or new water service is installed in an existing, renovated or new building or there is a new occupancy or occupant/owner of a building then a $^1/_2$" metallic conduit shall be installed from the meter to the street side of the building so that a remote water meter reader can be wired and installed. The location of the conduit can be verified with the building official.

13. Pursuant to 17 Ill. Admin. Code 3730.307(c)(4) and subject to the Illinois Plumbing Code (77 Ill. Admin. Code 890) and the Lawn Irrigation Contractor and Lawn Sprinkler System Registration Code (77 Ill. Admin. Code 892), all new plumbing fixtures and irrigation controllers installed after the effective date of this Ordinance shall bear the WaterSense label (as designated by the U.S. Environmental Protection Agency WaterSense Program), when such labeled fixtures are available.

Section 4. Effective Date.

This Ordinance shall be effective after following passage by the Board of Trustees of the Village of Lake Bluff in the manner required by law and publication in pamphlet form in the manner required by law.

[SIGNATURE PAGE FOLLOWS]

PASSED this __th day of ____ 2016, by vote of the Board of Trustees of the Village of Lake Bluff, as follows:

AYES: ()

NAYS: ()

ABSTAIN: ()

ABSENT: ()

APPROVED this __th day of ____ 2016.

_____
Village President

ATTEST:

_____
Village Clerk

FIRST READING:

SECOND READING:

PASSED:

APPROVED:

PUBLISHED IN PAMPHLET FORM:

VILLAGE OF LAKE BLUFF

ORDINANCE NO. 2016-___

AN ORDINANCE COMPREHENSIVELY AMENDING TITLE IX OF THE LAKE BLUFF MUNICIPAL CODE TO UPDATE NEW BUILDING, CONSTRUCTION AND DEVELOPMENT STANDARDS

WHEREAS, Title IX of the Village Code sets forth certain regulations and restrictions known as the "Lake Bluff Building Regulations" ("Building Regulations") to ensure the public health, safety, and welfare as affected by building construction and to secure safety to life and property from all hazards incident to the occupancy of buildings, structures, or premises; and

WHEREAS, the Building Code currently adopts by reference, with various modifications, certain State of Illinois and other model codes, including, without limitation, the 2012 International Building Code, the 2012 International Residential Code for One and Two Family Dwellings, the 2012 International Property Maintenance Code, the 2011 National Electrical Code, and the 2012 International Fire Code (collectively, ***"Building Codes"***); and

WHEREAS, to ensure that the Village is using the best industry standards and practices, the Village desires to adopt by reference, with various modifications, updated versions of the Building Codes; and

WHEREAS, under Section 1-3-2 of the Illinois Municipal Code, 65 ILCS 5/1-3-2, local governments may adopt all or part of the provisions of public records and any published compilation of rules and regulations which have been prepared by nationally recognized associations, including building, electrical wiring, mechanical, fuel gas systems, energy conservation, and property maintenance codes; and

WHEREAS, at least one copy of the of each of the Building Codes have been on file in the office of the Village Clerk for public use, inspection, and examination for at least 30 days preceding the adoption of this Ordinance, as required by 65 ILCS 5/1-3-2; and

WHEREAS, at least 30 days before the adoption of this Ordinance, the Village provided identification of the codes being adopted herein, by title and edition, to the Illinois Capital Development Board Division of Building Codes and Regulations (formerly the Illinois Building Commission) as required by 65 ILCS 5/1-2-3.1; and

WHEREAS, pursuant to the home rule powers of the Village, the Village Board desires to amend the Building Regulations to adopt the updated versions of the Building Codes;

WHEREAS, the Village Board has determined that it will serve and be in the best interest of the Village and its residents to amend the Village Code pursuant to this Ordinance;

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

Section 1: Recitals.

The foregoing recitals are incorporated into, and made a part of, this Ordinance as the findings of the Village Board.

Section 2: Amendments to Section 9-2-1 of the Village Code.

Section 9-2-1, titled "Adoption of International Building Code," of Chapter 2, titled "Building Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-2-1: ADOPTION OF INTERNATIONAL BUILDING CODE:

The international building code, ~~2012~~ **2015** edition, as promulgated and published by the International Code Council, Inc. ("international building code"), is adopted by reference by the village of Lake Bluff as modified in section 9-2-3 of this chapter for the purpose of regulating the erection, construction, enlargement, equipment, alteration, repair, moving, removal, demolition, conversion, use, height, area and maintenance of all buildings and structures in the village of Lake Bluff~~The international building code shall apply to all buildings and structures within the village,~~ except for single-family detached dwellings and two-family dwellings and all buildings and structures accessory thereto to the extent that such dwellings are expressly regulated by the international residential code, as adopted by the village and amended pursuant to chapter 3 of this title.

Section 3: Amendments to Section 9-2-3 of the Village Code.

Section 9-2-3, titled "Amendments to the International Building Code," of Chapter 2, titled "Building Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-2-3: AMENDMENTS TO THE INTERNATIONAL BUILDING CODE:

The international building code, adopted by reference pursuant to section 9-2-1 of this chapter is amended as set forth in this section. Subsequent section numbers used in this section shall refer to the like numbered sections of the international building code:

* * *

~~101.47~~ **101.4.8** Add the following new section ~~101.4.7~~ **101.4.8**:

"~~101.4.7~~ **101.4.8** Electrical. The provisions of the ~~2011~~ **2014** edition of the national electric code (NFPA 70) as adopted by the village and amended pursuant to title 9, chapter 7 of the village code ("electric code"), shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto. Every reference to the ICC electrical code in the international building code shall mean and refer to the national electric code."

~~101.48~~ **101.4.9** Add the following new section ~~101.4.8~~ **101.4.9**:

"~~101.4.8~~ **101.4.9** International Building Code Commentary. The narratives in the preface to international building code shall apply, as a supplement, to the international building code."

* * *

~~302.2 Add the following new section 302.2:~~

~~"302.2 Separations. All A-1, A-2, A-3, A-4 and A-5, R-1, R-2, R-3, R-4 and 1-1, I-2, I-3 and I-4 use classifications shall be separated from any use group classification by a minimum of a two hour U.L. listed masonry or concrete assembly."~~

~~401.1 Delete section 401.1 and replace as follows:~~

~~"401.1 Detailed Use And Occupancy Requirements. In addition to the general requirements of this code and the village zoning regulations (title 10 of the village code) governing the location, construction and equipment of all buildings and structures and the fire resistance ratings, height and area limitations as set forth in this code, the provisions of this building code shall control all building and structures designed for special uses and occupancies."~~

~~425~~ **427** Add the following new section ~~425~~ **427**:

Section ~~425~~ **427** Vacant Buildings

~~425.1~~ **427.1** Maintenance Of Vacant Buildings. All windows, doors, and glass areas of nonresidential buildings or structures, or portions thereof, that are vacant for a period of 14 days or more shall be treated to prevent any view into the interior of the building or structure by either of the following methods:

1. The uniform use of horizontal or vertical blinds, which blinds shall be either white or opaque in color; or

2. The use of professionally applied adhesive film.

No other method to prevent any view into the interior of a vacant nonresidential building or structure, including without limitation the use of window soap, boards, paper, or plastic sheeting, shall be permitted unless approved by the building code official.

~~503.1 Delete section 503.1, including subsections 503.1.1 through 503.1.3, and replace as follows:~~

~~"503.1 General. The areas and heights of all buildings and structures in the village of Lake Bluff are set forth in title 10 of the municipal code ("village zoning regulations"), except that no building or structure may be constructed more than two stories nor more than 25 feet in height except for single family residences, schools, churches, or a municipal building. Any reference in this code to buildings or structures which exceed these limits shall not be applicable unless otherwise permitted by the village zoning regulations. Type V construction shall not be allowed for use groups R-1, R-2, 1-1, I-2, I-3 and I-4 and all new non one and two family dwelling buildings; new mixed use buildings shall comply. No combustible construction allowed in type III. AN new non one and two family residential~~

~~buildings and mixed use buildings shall be of non-combustible construction and any framing members shall be of non-combustible construction."~~ 9-2-3

503.1.4 Add new following new section 503.1.4

"503.1.4 Non-combustible Construction

All new buildings, other than one and two family dwellings, shall be of non-combustible construction."

* * *

903.2.~~1~~ Add the following at the end of section 903.2 Where Required and delete the exception:

"903.2.~~1~~ Automatic Fire Sprinkler System Required.

1. Notwithstanding anything contained in this international building code to the contrary, in all areas of the village, automatic fire sprinkler systems must be installed and maintained in all newly constructed buildings.

2. Any existing building (other than single family and two family residential dwellings) that undergoes any work or renovations that requires a building permit, has a change of use or occupancy type, or is improved with an addition to the building shall be required to add an approved fire sprinkler system if the fire sprinkler system would be required by the applicable sections of the 2015 international existing buildings code. Except as otherwise specifically prescribed, complete automatic fire sprinkler systems shall also be installed wherever specified by this international building code.

3. All existing non-residential buildings, mixed use buildings and multi-family residential buildings with more than two residential units, shall provide a complete automatic fire sprinkler system by January 1, 2026, except that existing churches (A-3 use group section 303) are exempt.

Whenever access to a building or structure will be unduly difficult because of secured openings, and where immediate access will be required for life saving and fire protection purposes, the fire code official may require an approved key box to be in a readily accessible location approved by the fire code official."

907.2 **Add the following text after the existing text within Section 907.2:**

~~"907.2 Where Required. Notwithstanding anything contained in this international building code to the contrary, all newly constructed buildings, renovation and remodeling, change of occupant, change of ownership or additions thereto in non-residential zoned areas of the village and mixed use buildings and other buildings in residential zoning districts, and all newly constructed attached residential dwellings consisting of more than two units, or additions thereto, shall have installed and maintained therein, an automatic fire alarm system. Except as~~

~~otherwise specifically prescribed, complete automatic fire alarm systems shall also be installed wherever specified by this code."~~ **The other sections of this code notwithstanding, all occupancies shall have a complete fire alarm system, except that rooms larger than 5,000 square feet within fully sprinklered buildings shall not be required to have more than one smoke detector for every 2,500 square feet.**

* * *

~~916~~ **917** Add a new section 916 917 as follows:

"Section ~~916~~ 917 Knox Box"

~~916.1~~ **917.1** Knox Box. All commercial buildings and residential structures with automatic fire alarms and/or fire sprinkler systems require a knox box. Multiple knox boxes may be required by the building official. The fire department shall approve the location of all knox boxes.

~~917 Add a new section 917 as follows~~ **915 Delete Section 915 and replace with the following**:

Section ~~917~~ **915** Carbon Monoxide Detectors

Section ~~917.1~~ **915.1** Definitions. The following words and terms shall, for the purposes of this section ~~917.1~~ **915.1**, have the following meanings:

Carbon Monoxide Alarm. An electrical device which meets the requirements of UL standard 2034 for detecting and warning individuals of the presence of carbon monoxide.

Carbon Monoxide Monitor. An electrical device for detecting and warning individuals of the presence of carbon monoxide. These devices do not meet UL standard 2034 because they detect and alarm smaller quantities of carbon monoxide than UL 2034 allows.

~~917.2~~ **915.2** Add new section ~~917.2~~ **915.2** as follows:

"~~917.2~~ **915.2** General.

1. Carbon monoxide alarms where required by this code shall meet the current UL standard 2034 or its equivalent. Carbon monoxide alarms shall be installed per the requirements of NFPA 720 and the laws of the state of Illinois.

2. Carbon monoxide monitors where allowed by this code shall be installed and maintained per the manufacturer's recommendations."

~~917.3~~ **915.3** Add new section ~~917.3~~ **915.3** as follows:

Section ~~917.3~~ **915.3** Where Required. Carbon monoxide alarms are required:

1. In any building with sleeping facilities that relies on combustion of fossil fuel for heat, ventilation, hot water, or fireplace within the building, and for buildings

with attached garages, fossil fueled appliances, propane fuels, liquid type fuels and as required by laws of the state of Illinois. There shall be a detector locator in each sleeping room, within 15 feet of a sleeping room, every level of the building and possibly multiple detectors per level and in all mechanical rooms.

2. In existing buildings, with sleeping facilities, that area renovated or altered and the work would normally require a village permit to accomplish, after adoption of this ordinance shall be required to install a carbon monoxide alarm per this ordinance.

3. In existing buildings with sleeping facilities that replace a furnace or hot water heater with a fossil fueled furnace or hot water heater or install a fireplace shall be required to install a carbon monoxide alarm per this ordinance.

~~917.4~~ **915.4** Add new section ~~917.4~~ **915.4** as follows:

"Section 917.4 Parking Garages. If a parking garage does not meet the requirements for open air parking structures (NFPA) or an open parking garage (section 406 of this code) or in the interpretation of the building official may require a system, an automatic carbon monoxide system must be installed as follows:

1. The system must be connected to the NFPA 88A (parking structure) required ventilation system, where upon activation, the system will automatically turn on and exhaust fumes to the exterior;

2. The ventilation system must have manual, key operated override for emergency use. The override must be capable of turning the system on when shut down and turning the system off if activated. The required key switch and proper signage will be mounted in an easily accessible area next to the garage entrance, in a location approved by the fire department;

3. Ventilation systems must be tested annually and re-certified to manufacturers' specifications at least annually. Test results shall be forwarded to the fire official."

~~1029.5.3~~ **1030.5.3** Add the following new section ~~1029.5.3~~**1030.5.3**:

"~~1029.5.3~~ **1030.5.3** Window Well Covers. A guard rail shall be provided at grade around all window wells, or a cover provided capable of supporting 500 pounds."

* * *

1301.1 Amend section 1301.1 as follows:

"Section 1301.1 Criteria. Buildings shall be designed and constructed in accordance with the ~~2012~~ **2015** international energy conservation code, current state of Illinois energy conservation code and ANSI/ ASHRAE/IESNA standard 90.1."

* * *

~~2303.1 Add the following to the end of section 2303.1:~~

~~"The exterior walls, interior partitions, floors and roofs of wood construction shall be designed and constructed to develop adequate strength to resist all vertical and lateral forces due to both dead and live loads. Standard balloon, braced, platform and post and beam types of construction shall be acceptable framing methods. Joists, studs and rafters shall not be spaced more than 16 inches (408 mm) on center unless otherwise approved. Roof trusses in residential construction may be 24 inches (610 mm) on center. References to wider spacing in subsequent tables and sections of this chapter or the international building code are not applicable. Three stud corners are required in all wall framing." Framing differences may be applied if applicable to use of international green construction code or a LEED certified project and approved by the building official.~~

2304.7.3 Add the following new section 2304.7.3:

"2304.7.3 Minimum Roof Sheathing. Roof sheathing supported on 24 inch spacing is to be a minimum of ~~⅝~~ **5/8** inch thick. Roof sheathing supported on 16 inch spacing shall be a minimum of ½ inch thick."

* * *

2701.2 Add the following new section 2701.2:

Amendments To NFPA 70. The ~~2011~~ **2014** edition of NFPA 70 (national electrical code) have been adopted for use by the village pursuant to title 9, chapter 7 of the village code.

* * *

~~3202 Delete section without replacement.~~

3301.3 Add the following new section 3301.3:

3301.3 Additional Site Plan Requirements. Additional site plan requirements are to be determined by the building official for each permit, and may include one or more of the following:

1. Fencing is to be installed as listed on the approved site plan and shall include a gate for access and ability to enclose the site at the end of each working day. Commercial fencing is to be a minimum of six-foot high chain link fence properly supported. Residential fence is to be a minimum of a four foot high green construction fence type fence properly supported;

2. All open excavated holes and drops are to be completely encircled as a minimum with a four foot high safety fencing;

3. Silt fencing is required to prevent silt from causing a nuisance to

neighboring properties, discharge into the storm sewer system or creating a hazard;

4. A construction drive shall be installed at the start of the job with a gravel base to provide contractor parking to the extent possible to prevent mud and debris from being tracked onto streets;

5. Dirt and debris are to be kept off of street at all times a dumpster or trash container shall be provided throughout construction;

6. A portable toilet shall be maintained at all times, except where the building owner allows use of the existing facility. The portable toilet is to be placed to least impact the neighbors and a minimum of 10 feet off the lot line;

7. All side-walks damaged during construction are to be replaced. In areas where a new home is constructed all the sidewalks along the property are to be replaced unless determined otherwise by the building official. Damaged side-walks are to be replaced with a minimum of a four inch bed of compacted gravel and a minimum of five inch thick concrete panel. Side walk panels in drive areas are to be replaced with a minimum of seven inch thick concrete;

8. Sidewalks damaged during construction shall be topped with temporary bituminous pavement until final concrete can be placed;

9. Granular back fill shall be required for ail street, road edge, side- walk, driveway, slab, or patio areas as determined by the building official;

10. Any street excavation shall be topped with a temporary bituminous pavement within 48 hours of excavation. A permanent minimum of three (3) inch bituminous layer, compacted in two lifts, with saw cut edges, is required as part of the final approval. (A road opening fee per the current fee schedule will be accessed if road opening is performed.);

11. Damage to parkway or neighbors' property due to construction shall be repaired as soon as weather permits;

12. Traffic and parking requirements as noted on plan are to be followed throughout the construction process;

13. Temporary electric services are to be installed to prevent the use of generators;

14. Tree protection is to be installed per the site plan and may include (fencing, wrapping of trunk, root cutting before excavation trimming limbs for access, feeding, aerating, and directional boring under trees with services) as well as requirements of the tree preservation ordinance, set forth in title 10, chapter 11 of the municipal code;

15. Materials are to be stored on private property, storage of materials in the public right of way is not permitted unless prior approval is granted by the village;

16. Dust of any type is to be controlled by use of water or other forms of containment so not to cause a nuisance;

17. Sump discharge is to have one or more of the following: open site connection, storm sewer connection, drywell or discharge to approved area on the property. (Sump water will not be allowed to discharge to a location that will cause a hazard in freezing conditions such as drives, sidewalks, or streets.);

18. As-built **utility** drawings are required for all exterior water, sanitary, and storm service lines from the foundation wall of the structure being serviced to the point of connection with the existing service stub or existing main. The as built drawing is required regardless of the length of the installation of the new portion of the utility service;

18.1 As-built grading drawings are required for any permitted activity that changes the grades on the site. The as-built drawing must show grades at all lot corners, at 20' intervals along lot lines, and at locations within the lot as needed to show the drainage patterns of the lot. Lot drainage must be in accordance with the approved lot grades.

18.1 The drawing**s** must be to scale and be no smaller than 1" = 20'. The scale must be indicated on the submitted drawings.

18.2 The drawing must be neat, clean and legible. Multiple service lines can be shown on the same drawing.

~~18.2~~ **18.3 If the approved site plans were produced on a CADD system then the as-built drawings must be drafted on a CADD system**

~~18.3~~ **18.4** The minimum acceptable drawing size is $8^1/_2$" x 11**". Submittal should include a PDF file and the CADD file where applicable.**

~~18.4~~ **18.5** The pipe size and type must be indicated for each service line.

~~18.5~~ **18.6** The location of the installed service line(s) must be tied to a minimum of two exterior property corners and two exterior foundation corners within an accuracy of one (1) foot.

~~18.6~~ **18.7** The locations of all fittings, cleanouts, and B-boxes must be identified within an accuracy of one (1) foot.

~~18.7~~ **18.8** The depth of the utility service below final grade must be indicated at all grade and at a minimum of every 50 feet along the length of each installed service.

~~18.8~~ **18.9** All prominent topographical features such as exterior build foundations lines, sidewalks, back of curb, edge of pavement and existing manholes must be indicated if these features are within 20 feet of any portion of the utility service line work covered by the building permit.

~~18.9~~ **18.10** The means of connecting the new portion of the utility line to the existing main or stub must be identified (coupling types, tees, wyes, etc.).

~~18.10~~ **18.11** The lower right hand corner of the submitted drawing must contain the following information: street address where the work is being performed; the building permit number; the date of the sketch preparation; the name and address and telephone number of the general contractor and subcontractor.

* * *

Section 4: Amendments to Section 9-3-1 of the Village Code.

Section 9-3-1, titled "Adoption of the International Residential Code by Reference," of Chapter 3, titled "Residential Code for One- and Two-Family Dwellings," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-3-1: ADOPTION OF THE INTERNATIONAL RESIDENTIAL CODE BY REFERENCE:

The international residential code, ~~2012~~ **2015** edition, as promulgated and published by the International Code Council, Inc. ("international residential code"), is hereby adopted by reference by the village of Lake Bluff as modified pursuant to this chapter. The international residential code applies to all single-family detached dwellings and two-family dwellings and all buildings and structures accessory thereto that are expressly regulated by the international residential code.

Each and all of the regulations, provisions, penalties, conditions, and terms of said international residential code are hereby referred to, adopted, and made a part hereof, as if fully set forth in this code with the additions, insertions, deletions and changes hereinafter prescribed."

Section 5: Amendments to Section 9-3-3 of the Village Code.

Section 9-3-3, titled "Amendments to the International Residential Code," of Chapter 3, titled "Residential Code for One- and Two-Family Dwellings," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-3-3: AMENDMENTS TO THE INTERNATIONAL RESIDENTIAL CODE:

The international residential code, adopted by reference pursuant to this chapter, is amended as set forth in this section. Subsequent section numbers used in this section shall refer to the like numbered sections of the international building code:

* * *

R301.2 Delete entire table R301.2(1) and replace as follows:

Table R301.2(1) Climatic And Geographic Design Criteria	
Ground snow load	~~40~~ **30** psf minimum
Wind speed	~~3 second 90 normal 80~~ **115 mph**
Seismic design category	~~(0) but check design criteria for new Madrid Fault~~
Weathering	Severe
Frost line depth	42 inches
Termite	~~Moderate to heavy~~ **Slight to Moderate**
Decay	Slight to moderate

Winter design temperature	0 degrees
Ice shield underlayment	Yes
Flood hazard	See local flood zone map
Air freezing index	2000
Mean annual temperature	50 degrees

* * *

R313.2 Delete sections R313.2 and R313.2.1 and replace as follows:

R313.2 One And Two Family Dwellings Automatic Fire Sprinkler Systems.

Notwithstanding anything contained in sections R313.2 and R313.2.1 in the ~~2012~~ **2015** international residential code:

* * *

N1101.2 Delete section N1101.2 and replace with the following:

N1101.2 Compliance. Compliance shall be demonstrated by meeting the minimal requirements of the ~~2012~~ **2015** international energy conservation code as amended in title 9, chapter 10 of the village code or meeting the requirements of title 9, chapter 3 of the village code, whichever is more restrictive. Climate zones from figure N1101.2 or table N1101.2 shall be used in determining the applicable requirements from this chapter. Compliance shall not be less than what is required by any state of Illinois energy conservation code.

* * *

Chapter 44 - Referenced Standards

1. Delete "international plumbing code" and substitute and replace with "Illinois plumbing code ~~2004~~". Law as defined in section 2901.1 of the international building code as amended by title 9 of the village code.

2. Delete "international electric code" and substitute replace with "NFPA 70 ~~2011~~ **2014** edition". "National electric code ~~2011~~ **2014** edition."

3. Delete "international zoning code" without substitution.

* * *

Section 5: Amendments to Section 9-4-2 of the Village Code.

Section 9-4-2, titled "Amendments to the International Property Maintenance Code," of Chapter 4, titled "Property Maintenance Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-4-2: Amendments to the International Property Maintenance Code:

The following sections of the 2012 international property maintenance code are hereby amended, revised, and changed as follows:

* * *

~~104.7 Add new section 104.7 as follows:~~

~~104.7 Coordination Of Inspections. Whenever in the enforcement of this code or another code or ordinance, the responsibility of more than one code official of the jurisdiction is involved, it shall be the duty of the code officials involved to coordinate their inspections and administrative orders as fully as practicable so that the owners and occupants of the structure shall not be subjected to visits numerous inspectors or multiple or conflicting orders. Whenever an inspector from any agency or department observes an apparent or actual violation of some law, ordinance or code not within the inspector's authority to enforce, the inspector shall report the findings to the code official having jurisdiction.~~

* * *

~~303.2 Delete section 303.2 and replace as follows:~~

~~303.2 Enclosures. Private swimming pools, hot tubs and spas, capable of containing water 24 inches or more in depth shall be completely surrounded by a fence or barrier at least 48 inches in height above the finished ground level measured on the side of the barrier away from the pool. Gates and doors in such barriers shall be self closing and self latching. Where the self latching~~

~~device is less than 54 inches above the bottom of the gate, the release mechanism shall be located on the pool side of the gate. Self closing and self latching gates shall be maintained such that the gate will positively close and latch when released from an open position of six inches from the gatepost. No existing pool enclosure shall be removed, replaced or changed in a manner that reduces its effectiveness as a safety barrier.~~

~~Exception: Aboveground spas or hot tubs with a locking safety cover that complies with ASTM F 1346 shall be exempt from the provisions of this section 303.2.~~

* * *

~~306.1 Delete section 306.1 and replace as follows:~~

~~306.1 General. Every exterior and interior flight of stairs having four or more risers shall have a handrail on one side of the stairs and every open portion of the stair, landing, balcony, porch, deck, ramp or other walking surface which is more than 30 inches above the floor or grade below shall have guards. Handrails shall not be less than 30 inches high or more than 42 inches high measured vertically above the nosing of the tread or above the finished floor of the landing or walking surfaces. Guards shall not be less than 30 inches high above the floor of the landing, balcony, porch, deck, ramp or other walking surface.~~

* * *

502.5 Delete section 502.5 and replace as follows:

Section 502.5 Public Toilet Facilities. Public toilet facilities shall be maintained in a safe sanitary and working condition in accordance with the ~~2004~~ state of Illinois plumbing code, as adopted by the village and amended pursuant to title 9, chapter 6 of the village code. Except for periodic maintenance or cleaning, public access and use shall be provided to the toilet facilities at all times during the occupancy of the premises.

505.1 Delete section 505.1 and replace as follows:

Section 505.1 General. Every sink, lavatory, bathtub or shower, drinking fountain, water closet or other plumbing fixture shall be properly connected to either a public water system or to an approved private water system. All kitchen sinks, lavatories, laundry facilities, bathtubs, and showers shall be supplied with hot or tempered and cold running water in accordance with the ~~2004~~ state of Illinois plumbing code, as adopted by the village and amended pursuant to title 9, chapter 6 of the village code.

* * *

604.3.1.1 Amend section 604.3.1.1 and replace as follows:

604.3.1.1 Electrical Equipment. Add the following sentence at the end of the paragraph. All work shall also be in compliance with the ~~2011~~ **2014** national electrical code (NFPA 70), as adopted by the village and amended pursuant to title 9, chapter 7 of the village code.

604.3.2.1 Amend section 604.3.2.1 and replace as follows:

604.3.2.1 Electrical Equipment. Add the following sentence at the end of the section before the exception: All work shall also be in compliance with the ~~2011~~ **2014** national electrical code (NFPA 70), as adopted by the village and amended pursuant to title 9, chapter 7 of the village code.

* * *

~~704.5 Delete section 704.5 and replace as follows:~~

~~704.5 Smoke Alarms. Single or multiple-station smoke alarms shall be installed and maintained in groups R-2, R-3, R-4 and in dwellings not regulated in group R occupancies, regardless of occupant load at all of the following locations:~~

~~1. On the ceiling or wall outside of each separate sleeping area within 15 feet of bedrooms;~~

~~2. In each room used for sleeping purposes; and~~

~~3. In each story within a dwelling unit, including basements and cellars but not including crawlspaces and uninhabitable attics.~~

~~Single or multiple station smoke alarms shall be installed in other use groups in accordance with the international fire code and also any laws of the state of Illinois.~~

~~704.6~~ **704.5** Add new section 704.6 as follows:

~~704.6~~ **704.5** Carbon Monoxide Detectors. Single or multiple-station carbon monoxide detectors shall be installed and maintained in groups R-1, R-2, R-3 and R-4 and in dwellings not regulated in group R occupancies, regardless of occupant load at all of the following locations:

1. On the ceiling or wall outside of each separate sleeping area within 15 feet of bedrooms;

2. In each room used for sleeping purposes, and

3. In each story within a dwelling unit, including basements and cellars, but not including crawlspaces and uninhabitable attics.

Exceptions: As allowed by the state of Illinois carbon monoxide act.

* * *

Section 6: Amendments to Section 9-5-1 of the Village Code.

Section 9-5-1, titled "Adoption of International Fire Code," of Chapter 5, titled "Fire Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-5-1: ADOPTION OF INTERNATIONAL FIRE CODE:

The regulations of the ~~2012~~ **2015** edition of the international fire code, as published by the International Code Council ("international fire code") is hereby adopted as the regulations governing the safeguard of life and property from the hazards of fire and explosion arising from the storage, handling and use of hazardous substances, materials and devices; and from conditions hazardous to life or property in the use or occupancy of existing or proposed new buildings or premises in the village of Lake Bluff with such amendments as are hereafter set forth."

Section 7: Amendments to Section 9-5-3 of the Village Code.

Section 9-5-3, titled "Amendments to International Fire Code," of Chapter 5, titled "Fire Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-5-3: AMENDMENTS TO INTERNATIONAL FIRE CODE:

The following sections of the ~~2012~~ **2015** international fire code are hereby amended, revised, and changed as follows:

* * *

~~609.4~~ **609.5** Add new section as follows:

~~609.4~~ **609.5** Required Kitchen Hood Fire Suppression Systems. All required commercial or other occupancy kitchen exhaust hood and duct system shall be protected with an approved wet chemical fire suppression system installed and maintained per NFPA 17, and UL 300 standard. Every required automatic fire suppression system, when activated shall transmit a fire alarm signal to the village of Lake Bluff main dispatch center or a U.L. listed and approved central monitoring station via an approved fire alarm system.

~~609.5~~ **609.6** Add new section as follows:

~~609.5~~ **609.6** Maintenance. Commercial kitchen exhaust systems shall be cleaned to remove deposits of residue and grease in the system at intervals specified in the cleaning schedule required to be submitted in accordance with the mechanical code listed in chapter 47. Thorough cleaning of ducts, hoods and fans shall require scraping, brushing or other positive cleaning methods.

~~609.6~~ **609.7** Add new section as follows:

~~609.6~~ **609.7** Cleaning Schedule. Where a cleaning schedule is not on file, the code official shall require a schedule to be submitted, indicating the method of cleaning and the time intervals between cleanings.

* * *

~~903.3.8~~ **903.3.9** Add new section as follows:

~~903.3.8~~ **903.3.9** Sprinkler Valve/Fire Pump Room. All new or renovated buildings shall enclose the fire sprinkler valve rooms and fire pump rooms with a minimum of an approved one hour rated fire separation enclosure.

* * *

~~907.2.11.4 Add the following to the end of the section:~~

~~"2. Group R-3 smoke alarms are to be 120 volt with a battery backup.~~

~~3. Smoke alarms are not required to be equipped with battery backup in group R-1 where they are connected to an emergency electrical system."~~

* * *

~~3305.2 Delete sections 3305.2 through 3305.9.~~

Chapter 47
Referenced Standards

Chapter 47 Referenced Standards:

Delete ICC electric code and insert ~~2011~~ **2012** national electric code-NFPA 70.

Delete international plumbing code and insert the Illinois state plumbing code.

Delete the international sewage disposal code and insert Illinois state plumbing code.

* * *

Section 8: Amendments to Section 9-7-1 of the Village Code.

Section 9-7-1, titled "Adoption of National Electric Code," of Chapter 7, titled "Electrical Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-7-1: ADOPTION OF NATIONAL ELECTRICAL CODE:

There is hereby adopted by the village the ~~2011~~ **2014** national electrical code (NFPA 70) as hereinafter amended (hereinafter the "electrical code"). At least one

copy of the ~~2011~~ **2014** national electrical code (NFPA 70) has been on file in the office of the village clerk for a period of at least thirty (30) days prior to the adoption of these provisions and remains on file in the office of the village clerk, and is hereby adopted and incorporated as fully as if set out at length herein."

Section 9: Amendments to Section 9-7-3 of the Village Code.

Section 9-7-3, titled "Amendments to the Electrical Code," of Chapter 7, titled "Electrical Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-7-3: AMENDMENTS TO THE ELECTRICAL CODE:

The following sections of the electrical code are hereby amended as set forth in this section. Subsequent section numbers used in this chapter shall refer to like numbered sections of NFPA 70:

* * *

~~225.6(B) Delete section 225.6(B) and replace as follows:~~

~~"225.6(B) Festoon Lighting. Not permitted."~~

* * *

~~300.22(B) Delete the first sentence of section 300.22(B) and replace as follows:~~

~~300.22(B) Ducts Or Plenums Used For Environmental Air. Only wiring methods consisting of electrical metallic tubing, intermediate metal conduit or rigid conduit shall be installed in ducts or plenums specifically fabricated to transport environmental air.~~

~~410.16(D) Add new subsection Luminaires Required (Fixtures) In Clothes Closets as follows:~~

~~"410.16(D) Luminaries In Clothes Closets. A light fixture shall be installed in closets."~~

* * *

Section 10: Amendments to Section 9-8-1 of the Village Code.

Section 9-8-1, titled "Adoption of International Fuel Gas Code," of Chapter 8, titled "Fuel Gas Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-8-1: ADOPTION OF INTERNATIONAL FUEL GAS CODE:

There is hereby adopted by the village the ~~2012~~ **2015** international fuel gas code as hereinafter amended (hereinafter the "fuel gas code"). At least one copy of the

~~2012~~ **2015** international fuel gas code has been on file in the office of the village clerk for a period of at least thirty (30) days prior to the adoption of these provisions and remains on file in the office of the village clerk, and is hereby adopted and incorporated as fully as if set out at length herein."

Section 11: Amendments to Section 9-8-2 of the Village Code.

Section 9-8-2, titled "Amendments to the Fuel Gas Code," of Chapter 8, titled "Fuel Gas Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-8-2: AMENDMENTS TO THE FUEL GAS CODE:

The following sections of the fuel gas code are hereby amended as set forth in this section. Subsequent section numbers used in this chapter shall refer to like numbered sections of the fuel gas code:

* * *

108.5 Delete section 108.5 and replace as follows:

"108.5 Stop Work Orders. Upon notice from the code official that mechanical work is being done contrary to the provisions of this code or in a dangerous or unsafe manner, such work shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work**, or shall be posted on the property where the work is being done**. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work. Any person who shall continue to work on the system after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable for penalties as set forth in section 9-1-22 of this title."

* * *

Section 12: Amendments to Section 9-10-1 of the Village Code.

Section 9-10-1, titled "Adoption of Codes," of Chapter 10, titled "Energy Conservation Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-10-1: ADOPTION OF CODES:

"There is hereby adopted by the village the ~~2012~~ **2015** international energy conservation code and the ANSI/ASHRAE/IESNA standard 90.1-2010 energy standard for buildings as hereinafter amended (hereinafter the "energy code"). The provisions of the Illinois energy conservation act, 20 Illinois Compiled Statutes 1115/1 et seq., and the regulations adopted hereunder, shall apply to all buildings as specified in the act and all buildings in the village of Lake Bluff including residential structures. At least one copy of the ~~2012~~ **2015** international energy

conservation code has been on file in the office of the village clerk for a period of at least thirty (30) days prior to the adoption of these provisions and remains on file in the office of the village clerk, and is hereby adopted and incorporated as fully as if set out at length herein."

Section 13: Amendments to Section 9-10-2 of the Village Code.

Section 9-10-2, titled "Amendments, Revisions, Changes," of Chapter 10, titled "Energy Conservation Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-10-2: AMENDMENTS, REVISIONS, CHANGES:

The following sections of the ~~2012~~ **2015** international energy conservation code are hereby added, amended, revised, and changed as follows:"

* * *

Section 14: Amendments to Section 9-11-1 of the Village Code.

Section 9-11-1, titled "Adoption of Code," of Chapter 11, titled "Mechanical Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-11-1: ADOPTION OF CODE:

"There is hereby adopted by the village the ~~2012~~ **2015** international mechanical code, as hereinafter amended (hereinafter the "mechanical code"). At least one copy of the ~~2012~~ **2015** international mechanical code has been on file in the office of the village clerk for a period of at least thirty (30) days prior to the adoption of these provisions and remains on file in the office of the village clerk, and is hereby adopted and incorporated as fully as if set out at length herein. "

Section 15: Amendments to Section 9-11-2 of the Village Code.

Section 9-11-2, titled "Amendments, Revisions, Changes," of Chapter 11, titled "Mechanical Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-11-2: AMENDMENTS, REVISIONS, CHANGES:

The following sections of the ~~2012~~ **2015** international mechanical code are hereby amended, revised, and changed as follows:

* * *

108.5 Delete section 108.5 and replace as follows:

108.5 Stop Work Orders. Upon notice from the code official that mechanical work is being done contrary to the provisions of this code or in a dangerous or unsafe manner, such work shall immediately cease. Such notice shall be in

writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work**, or posted on the property where the work is being done**. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work. Any person who shall continue to work on the system after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable for penalties as set forth in section 9-1-22 of this title.

* * *

Section 16: Amendments to Section 9-12-1 of the Village Code.

Section 9-12-1, titled "Recommended Green Building Standards," of Chapter 12, titled "Green Building Guidelines," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-12-1: RECOMMENDED GREEN BUILDING STANDARDS:

The village highly encourages the use of "green" or sustainable building practices. As such, the village has identified the ~~2012~~ **2015** international green construction code as a useful minimum standard for permit applicants who wish to follow green building practices. Those persons who desire to use sustainable building practices are encouraged to use the ~~2012~~ **2015** international green construction standard or to consult with the code official to identify other appropriate sustainable building standards for either residential or nonresidential building projects."

Section 17: Amendments to Section 9-15-1 of the Village Code.

Section 9-15-1, titled "Adoption of International Swimming Pool and Spa Code," of Chapter 15, titled "Swimming Pool and Spa Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-15-1: ADOPTION OF INTERNATIONAL SWIMMING POOL AND SPA CODE:

There is hereby adopted by the village the ~~2012~~ **2015** international swimming pool and spa code (hereinafter the "swimming pool code"). At least one copy of the ~~2012~~ **2015** international swimming pool and spa code has been on file in the office of the village clerk for a period of at least thirty (30) days prior to the adoption of these provisions and remains on file in the office of the village clerk, and is hereby adopted and incorporated as fully as if set out at length herein.

The state of Illinois has promulgated rules and regulations for public swimming pools, spas and beaches under Illinois administrative code title 77 chapter 1 subchapter n part 820. Additional references to this can be found under 210 Illinois Compiled Statutes 125 et seq. The adoption of the 2012 international swimming pool and spa code does not supersede the state of Illinois rules and regulations/laws unless the swimming pool code is more restrictive in requirements."

Section 18: Amendments to Section 9-16-1 of the Village Code.

Section 9-16-1, titled "Adoption of International Existing Building Code," of Chapter 165, titled "Existing Building Code," of Title 9, titled "Building Regulations," of the Village Code is hereby amended further to read as follows:

"9-16-1: ADOPTION OF INTERNATIONAL EXISTING BUILDING CODE:

There is hereby adopted by the village the ~~2012~~ **2015** international existing building code and as amended hereafter. At least one copy of the ~~2012~~ **2015** international existing building code has been on file in the office of the village clerk for a period of at least thirty (30) days prior to the adoption of these provisions and remains on file in the office of the village clerk, and is hereby adopted and incorporated as fully as if set out at length herein."

Section 19: Amendments to Title IX of the Village Code.

Title 9, titled "Building Regulations," of the Village Code is hereby amended further to add a new Chapter 18 to read as follows:

"Chapter 18
STORMWATER DRAINAGE

9-18-1: ADOPTION OF CHAPTER 11 OF THE ILLINOIS PLUMBING LAW:

Chapter 11 of the 2015 International Plumbing Code is hereby adopted as amended hereafter to regulate storm water drainage.

9-18-2: AMENDMENTS TO CHAPTER 11 OF THE INTERNATIONAL PLUMBING CODE:

The following sections of the fuel gas code are hereby amended as set forth in this section. Subsequent section numbers used in this chapter shall refer to like numbered sections of the fuel gas code:

Section 1101.9 shall be deleted and replaced with the following:

1101.9 All new storm direct connections to the main shall be cored and installed with a core and T boot.

Add new section, Section 1101.10 as follows:

All directionally bored storm lines shall be inspected after installation by use of a video camera supplied by the contractor to verify integrity and proper pitch of the pipe. Village inspector to be on site at the time the video is taken.

Add new section, Section 1101.11 as follows:

All new storm sewer pipe below grade shall be bedded in granular material approved by the Village. Granular material is required to be installed to a level 4" above the pipe from a level 2" below the pipe.

Section 1102 Materials shall be deleted and replaced with the following:

1102.1 Pipe used for storm water drainage shall be of one of the following materials or approved equal:

Cast Iron Pipe (Hub & Spigot) ASTM A74, CISPI HS 74, C564

HDPE Polyethylene smooth interior wall plastic pipe ASTM F2648 (for use outside of paved areas only)

Polyvinyl Chloride (PVC) SDR 26 ASTM 3034

Polyvinyl Chloride Schedule 40, ASTM 2665

Concrete Pipe, Reinforced

Cellular core pipe is not permitted."

Section 20. Effective Date.

This Ordinance shall be effective after following passage by the Board of Trustees of the Village of Lake Bluff in the manner required by law and publication in pamphlet form in the manner required by law, but in no event sooner than July 1, 2016.

[SIGNATURE PAGE FOLLOWS]

PASSED this __th day of ____ 2016, by vote of the Board of Trustees of the Village of Lake Bluff, as follows:

AYES: ()

NAYS: ()

ABSTAIN: ()

ABSENT: ()

APPROVED this __th day of ____ 2016.

_____
Village President

ATTEST:

_____
Village Clerk

FIRST READING:

SECOND READING:

PASSED:

APPROVED:

PUBLISHED IN PAMPHLET FORM:

Attachment 5

NMHC NATIONAL MULTIFAMILY HOUSING COUNCIL | NAA NATIONAL APARTMENT ASSOCIATION | NAHB | BOMA International

BACKGROUNDER | OCTOBER 2014

2015 ICC Model Codes Summary of Important Changes

The 2015 International Code Council (ICC) model building codes were completed in June 2014 and are now available for adoption at the state and local level. This document summarizes the significant changes made between the 2012 and 2015 codes that affect apartments (Residential R-2) and commercial occupancies. For the first time, the National Multifamily Housing Council (NMHC), National Apartment Association (NAA), Building Owners and Managers Association (BOMA) and National Association of Home Builders (NAHB) encourage state and local jurisdictions to consider adopting the 2015 I-Codes when updating their state or local codes. Two exceptions to this are noted in this document.

Importantly, this summary does not include all the changes, and therefore developers and designers need to consult the codes for other changes that may impact a specific design. For each change, the tables included indicate whether the change is likely to result in higher or lower costs (or whether the impact is unknown).

National Multifamily Housing Council
1850 M Street, NW, Suite 540
Washington, DC 20036

202 974 2300 Phone | www.nmhc.org

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02

Overview

This Backgrounder reviews the key changes between the 2012 and 2015 ICC Codes that affect apartments (Residential R-2) and commercial properties. The good news for designers and developers is that for the first time ever, NMHC/NAA, BOMA and NAHB encourage state and local jurisdictions to consider adopting the 2015 I-Codes when updating their state or local codes. There are two exceptions to this, however. The first is the International Green Construction Code (IgCC) which has not been published. The second is the International Energy Conservation Code (IECC), which we suggest be amended in some key areas. Those recommendations are included in a separate document titled *Recommended Amendments to the 2015 International Energy Conservation Code (IECC)*.

Although the codes can largely be adopted as is, they do contain meaningful changes. Therefore, designers and developers need to be aware of several changes in the 2015 codes that will impact apartments and commercial properties. Many of the changes benefit apartment and commercial construction, and taken as a whole these positive changes more than offset the changes that might increase construction costs.

The most beneficial changes, by far, are the ones dealing with podium/pedestal buildings. Most notably, the 2015 codes remove the restriction limiting the podium/pedestal portion of the building to one story. As a result, the podium/pedestal portion can go to any height without imposing a limit on the number of stories allowed in the property. The restrictions on occupancies allowed in the podium/pedestal portion of the building have also been revised. In the 2015 codes, the only restriction remaining is that this portion of the building cannot contain a Group H (hazard) type occupancy.

Other beneficial changes include: a rewrite of "Chapter 5, Heights and Area" that makes it more user friendly; new requirements for donut-type construction that establish provisions for separating the garage from the apartment building; permitted uses of NFPA 13R sprinkler systems; and use of cross-laminated and fire-retardant-treated lumber.

The ICC codes included in this summary:

- 2015 International Building Code (IBC)
- 2015 International Fire Code (IFC)
- 2015 International Existing Building Code (IEBC)
- 2015 International Plumbing Code (IPC)
- 2015 International Energy Conservation Code (IECC)
  Note: A separate document is available that identifies recommended changes to the IECC during the local adoption process.
- 2015 International Mechanical Code (IMC)
- 2015 International Fuel Gas Code (IFGC)

The changes are organized by the cost impact they will have. Changes noted as "Decrease" could have a major impact on how a structure is built and, in several cases, they clarify unclear or misinterpreted code requirements. Major cost-saving changes include:

1. Removal of the height restriction on the pedestal/podium portion of buildings.
2. Removal of the limitation on occupancies permitted in the pedestal/podium portion of the building with the exception of not permitting Type H occupancies.
3. Redefine how private garages can be used in multifamily buildings.
4. Determination of building heights, area and setbacks.
5. Separation of the apartment building from garages in donut type construction.

6. Application of the NFPA 13R sprinkler system.
7. Design and use of assembly occupancies on building roofs.

Changes noted as "Increase" are important and will impact specific requirements within the building. Major changes in this category include:

1. Requirements for a secondary sprinkler water supply in Seismic Design Category C, D, E, or F.
2. New requirements for opening protective glazing.
3. Use of limited area sprinkler systems.
4. Requirements for alarm systems in college and university buildings.

The changes noted as having cost implication of "None" or "Unknown" need special attention because they will impact the building design and could have an impact on specific provisions in the code. Major changes here include:

1. Revision to requirements on dampers protecting ceiling membrane.
2. Use of cross-laminated and fire-resistant lumber.
3. Location of smoke alarms near kitchens and bathrooms.
4. Use of smoke detection systems as alternative to providing smoke alarms.
5. Measurement of exit and exit access configuration.

One additional note: Special awareness should be given to any attempts to adopt Appendix L – Fire Fighter Air Replenishment Systems and Appendix M – High-Rise Retro Active Installation of Automatic Sprinkler Systems. Appendix items are not part of the code unless they are specifically included during the code adoption process.

Designers and builders need to consult the 2015 ICC codes that are not listed for changes that may be of concern to specific projects.

Important Changes to the 2015 IBC			
Section(s) and Issue(s)	*Type of Change*	*Cost Implication*	*Comment*
IBC 202 Definition of "Private Garage," 406.3.1 "Classification," 406.3.2 "Clear Height"	Major Change	Decrease	Private garages are no longer limited to a maximum of 3,000 sq. ft. in a building. Multiple private garages, each a maximum of 1,000 sq. ft., each separated by one-hour fire barriers or horizontal assemblies are now permitted based on their U occupancy classification. Also, a minimum of 7' clear height will be required in private garages.
IBC 202 Definition of "Fire Retardant Treated Wood"	Major Change	Decrease	Revised definition to permit other treatment methods by other than the pressure process. See also IBC Sections 2303.2.2 and 2303.2.3 for further explanation.
IBC 503 through 506 Building Heights and Area Requirements	Makes Code More User Friendly	Decrease	2012 IBC Table 503 was replaced with the 2015 IBC Tables 504.3, 504.4 and 506.2 with NO changes in the technical application, making the code more user-friendly. The maximum allowable height and number of stories can now be determined directly from Tables 504.3 and 504.4. The maximum allowable sprinkler area increase can also now be determined directly from Table 506.2.
IBC 510.2 "Horizontal Building Separation" (i.e., Podium/Pedestal Structures)	Major Change	Decrease	2012 IBC Section 510.2(2) that limited the Type IA portion of the podium/pedestal building below the horizontal separation to a maximum of one story above grade plane has been deleted in the 2015 IBC allowing the podium portion of the building to be of any height without any restriction on the number of floors. Also, 2015 IBC Section 510.2(5) permits any occupancy, except Group H, below the horizontal separation. (See also the table entry under IBC Section 903.3.1.2 for further information on podium design)
IBC 705.3 Exception #2 "Buildings on the Same Lot"	New Provision	Decrease	Permits a parking garage of Construction Type I or IIA to abut a Group R-2 building with 1½- hour-protected openings (fire doors) in the abutting exterior wall of the garage and no required opening protective(s) in the abutting wall of a sprinklered R-2 building. Previous editions of the Code did not permit any openings in these abutting exterior walls that are at a "0" fire separation distance apart and required a fire wall design between such buildings to be permitted to have openings between the abutting buildings.

Important Changes to the 2015 IBC (cont'd)			
Section(s) and Issue(s)	*Type of Change*	*Cost Implication*	*Comment*
IBC 705.6 "Exterior Wall-Structural Stability"	Major Change	Decrease	Exterior fire-rated walls that are braced by floor or roof assemblies that have a lesser fire resistance rating are now permitted. Previous editions of the IBC Code required Construction Type III buildings with two -hour fire-rated exterior walls to have floors that support the two-hour fire-rated exterior walls to be upgraded to the two-hour fire rating. This is a major cost since apartment buildings built of Construction Type III under the legacy codes only required one-hour floor and roof assemblies to support the two-hour fire-rated exterior walls.
IBC 707.5 Exception 2 "Fire Barriers–Continuity"	New: Clarification	Decrease	Clarifies that the walls of an interior exit stairway do not need to extend through the attic space to the underside of the roof deck if the ceiling of the stairway terminates with a fire-rated top enclosure complying with Section 713.12.
IBC 714.4.2 Exception 7 "Membrane Penetration"	Revision	Decrease	This exception was new in the 2012 IBC (Section 714.4.1.2 Exception #7) and allowed for a practical application of the code in circumstances where wood-framed walls extend up to and attach directly to the underside of joist/trusses floor and roof fire-rated assemblies. It was further modified to permit the wood framed walls to be sheathed solely with Type X gypsum wallboard in lieu of being a fire resistance rated wall assembly.
IBC 717.1.1 "Ducts and Air Transfer Openings"	New Provision	Decrease	Duct will be allowed to leave a fire-rated shaft enclosure, transition horizontally, and then enter another fire-rated shaft if the duct penetrations on each side of the shafts are protected with fire dampers. Note that this is not permitted for clothes dryer exhaust ducts or any other ducts that the I Codes require to be continuous and uninterrupted.
IBC 903.2.1.6 "Assembly Occupancies on Roof"	New Provision	Decrease	Code now addresses how to deal with assembly occupancies on the roof of a building. When the occupant load > 100 for Group A-2 (i.e., restaurant), or > 300 for other Group A (i.e., meeting rooms, swimming pools) all floors to, and including, level of exit discharge are required to be sprinklered per NFPA 13 or NFPA 13R, as applicable. Since all new Group R occupancies are already required to be sprinklered, this new requirement is a good clarification of the Code for such common assembly occupancies that are to be located on the roofs of new apartment projects. Note that there is an exception to this sprinkler requirement for open parking garages of Construction Type I or Type II.

Important Changes to the 2015 IBC (cont'd)			
Section(s) and Issue(s)	*Type of Change*	*Cost Implication*	*Comment*
IBC 903.2.11.3 "Automatic Sprinkler Systems – Where Required- Buildings 55' or More in Height"	Revision	Decrease	This revision clarified that the 55' is measured from the lowest level of fire department vehicle access to the finished floor level of the highest floor with an occupant load of ≥ 30. Exceptions are provided for open parking garages and F-2 occupancies.
903.3.1.1.2 Exception "NFPA 13 Exempt Bathroom Sprinklers"	New Provision	Decrease	The 2015 IBC references the 2013 NFPA 13. In the 2013 NFPA 13 Section 8.15.8.1 the small bathroom (≤ 55 sq. ft.) sprinkler exception was deleted for apartment dwelling units. Since the NFPA 13 Committee deleted this reasonable, long-standing, sprinkler exception out of its Code, the NFPA 101 Committee, as well as the ICC Membership, decided to place it back into the 2015 NFPA 101 and 2015 IBC. The NFPA 13 Committee is in the process of attempting to place the bathroom exception for dwelling units back into its 2015 edition of NFPA 13.
903.3.1.2 "Installation Requirements NFPA 13R Sprinkler Systems"	Clarification	Decrease	Section was revised to correlate with the scope of the 2013 NFPA 13R Standard. This should help prevent any misapplication of the sprinkler standards that apply to "…Group R occupancies up to and including four stories in height in buildings not exceeding 60 feet in height above grade plane…". The new second paragraph in this section clarifies that the number of stories of Group R occupancies above a podium or pedestal designed structure (see Section 510.4) is measured from the fire-rated horizontal separation that creates separate buildings. By default, this new second paragraph under the NFPA 13R requirements is also applicable to the number of stories of Group R occupancies above a podium structure when the entire structure is sprinklered per NFPA 13. For example, an R-2 occupancy of Construction Type IIIA, sprinklered per NFPA 13, can be five stories above the Type IA pedestal below as long as the overall building height from grade plane does not exceed 85 feet (IBC Table 504.3)
IBC 1011.12 Exception "Stairway to Roof"	New Exception	Decrease	For stairways in buildings ≥ four stories above grade plane that do not have an occupied roof or elevator equipment on the roof, access to the roof does not need to be by one of the stairways in the building. It can be provided by an alternating tread device, a ship's ladder or a permanent ladder.
IBC 1011.16 "Ladders"	New Provision	Decrease	New section with specific requirements for permanent ladders. Such ladders cannot serve as a part of the means of egress from occupied spaces within a building.

Important Changes to the 2015 IBC (cont'd)			
Section(s) and Issue(s)	*Type of Change*	*Cost Implication*	*Comment*
IBC 1016.2(1) "Egress through Intervening Spaces," 3006.4 Means of Egress"	New Provision	Decrease	Exit access is permitted through an enclosed elevator lobby that leads to at least one of the required exits. Exit access to not less than one of the other required exits shall be provided without travel through the enclosed elevator lobby.
IBC 1023.3.1 Exception 2 "Interior Exit Stairway Extension"	New Provision	Decrease	An exit stairway does not require a door at the stairway opening into an exit passageway if the exit passageway has no other openings into it from the building.
IBC 1107.4 Exceptions 3 and 4 "Accessible Route"	New Provision	Decrease	Exceptions added to exempt, in certain cases, accessible stories and mezzanines in buildings with Group R-2 units or dormitories if accessibility is provided to other facilities.
Previous 2012 IBC Section 3004 "Hoistway Venting"	Deleted	Decrease	The hoistway venting requirements have been deleted from the 2015 IBC since they were antiquated and wasted building energy. Only Section 3004.3.1, "Plumbing and Mechanical Systems," was retained, and it was relocated to Section 3002.9
IBC 101.4.7 "Existing Buildings," Previous 2012 IBC Chapter 34 "Existing Buildings"	Deleted 2012 IBC Chapter 34	None	The requirements (Chapter 34) for existing structures have been removed from the 2015 IBC. All existing construction requirements are now in the 2015 International Existing Building Code (IEBC).
IBC 104.11 "Alternative Materials, Design, and Methods of Construction and Equipment"	Revision	None	Last sentence was added that requires the code official to provide in writing the reasons why the alternative was not approved if he/she rejects the application for an alternative design under this section of the Code.
903.3.1.2.2 "Open-Ended Corridors"	New Provision – Correlation	None	This new section was added to the sprinkler requirements just to clarify that when applying the open-ended corridor (i.e., open breezeway) sprinkler requirements of Section 1027.6 Exception 3.1 to a building sprinklered in accordance with NFPA 13R, it is the intent of the IBC Code to also require the open-ended corridors and its associated exterior stairs to be sprinklered when using Exception 3 of Section 1027.6.
903.3.5 "Water Supplies"	Revision	None	New last sentence in section was added to clarify that the fire flow test for the design of the sprinkler system needs to be adjusted for seasonal and daily pressure fluctuations.
IBC 907.2.11.4 "Smoke Alarms Near Bathrooms"	New Provision	None	Smoke alarms are to be located a minimum of three feet from the bathroom door when the bathroom contains a bathtub or shower.

Important Changes to the 2015 IBC (cont'd)			
Section(s) and Issue(s)	*Type of Change*	*Cost Implication*	*Comment*
IBC 907.2.11.3 and 907.2.11.4 "Single and Multiple-Station Smoke Alarms Near Cooking Appliances"	New Provision - Correlation	None	These new sections were added to the alarm requirements to correlate with the requirements in NFPA 72 on the placement of smoke alarms. When ionization smoke alarms are to be installed they shall be placed a minimum of 20 feet from cooking devices, or a minimum of 10 feet if they have an alarm-silencing switch. If photoelectric smoke alarms are to be installed they shall be placed a minimum of six feet from cooking devices.
IBC Table 1006.2.1 "Spaces with One Exit or Exit Access Doorway"	New Provision	None	Combined 2012 IBC Tables 1014.3 and 1015.1 into a single table for user-friendliness. Note that Table 1006.2.1 covers the maximum common path of egress travel distance to that point where the occupants have separate access to two exits (or are already outside the building), whereas Table 1017.2 covers the total exit access travel distance to an exit.
IBC 1006.2.1, Exception 1, Table 1006.3.2(1) and 1006.3.2 Single Exits in Buildings	Revised	None	It is permitted for multiple dwelling units, in groups of four units or less per floor, to have access to a single means of egress. The change also reflects the revised travel distance for single exit design allowing a maximum common path of egress travel distance of 125 feet.
IBC Section 915 "Carbon Monoxide (CO) Detection"	Relocated to its Own Section in Chapter 9, Reformatted and Revised	None	The CO alarm requirements that were new in the 2012 IBC and located in Section 908.7 have been relocated and extensively revised and clarified in the 2015 IBC. A CO alarm is to be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in R-2 occupancies that have fuel-burning appliances/fireplaces and/or attached private garages. Buildings with open parking garages complying with Section 406.5 or enclosed parking garages complying with Section 406.6 are not considered private garages.
IBC 1010.1.7, Exception #2 "Thresholds at Doorways"	New Provision	None	In Type B dwelling units that permit a four -inch elevation change at the door, the threshold height on the exterior side of the door shall not exceed 4¾" in height above the exterior deck, patio or balcony for sliding doors and not more than 4½" for other doors.
IBC 1210.2.3 "Shower Compartments"	Revised	None	The height of the required nonabsorbent surface has been raised from 70 inches to 72 inches.

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Important Changes to the 2015 IBC (cont'd)			
Section(s) and Issue(s)	*Type of Change*	*Cost Implication*	*Comment*
IBC 1405.3 "Vapor Retarders"	Revised	None	Requirements for vapor retarders have been modified. In Climate Zones 1 and 2, Class I and II vapor retarders are not permitted on the interior side of frame walls. In Climate Zones 3 and 4, Class I vapor retarders are not permitted on the interior of frame walls. Class III vapor retarders are required in specific locations.
IBC 3104.5 Connections of Pedestrian Walkway to Buildings"	Makes Code More User Friendly	None	Revised, reformatted section with no intended changes to the existing requirements.
IBC Section 3006 "Elevator Lobbies and Hoistway Opening Protection	New Section with Relocated Requirements	None	The elevator lobby requirements that were located in 2012 IBC Section 713.14.1 were reformatted and relocated into newly created Sections 3006.2 and 3006.3 in the 2015 IBC.
IBC 403.3.3 "Sprinkler Secondary Water Supply"	Relocated	None	Sprinkler systems in high-rise buildings in Seismic Design Category C, D, E or F are required to have a secondary water supply.
IBC 202 Definition of "Corridor Damper," 717.3.2.4 "Corridor Damper Rating," 717.3.3.5 "Corridor Damper Actuation," 717.5.4.1 Exception #1 "Where Required-Corridors"	New Provision	Unknown	New design option protecting the ceiling membrane's HVAC penetrations for a fire-rated exit access corridor where the ceiling of the corridor is constructed using a fire-rated corridor wall assembly placed horizontally.
IBC 602.4 Cross-Laminated Timber Use in Construction Type IV	New Provision	Unknown	Revisions allow the use of fire-retardant-treated lumber, cross-laminated timber and glued-laminated plank in specific applications.
IBC 703.2.4 Fire-Resistance Ratings and Fire Tests: Supplemental Features"	New Provision	Unknown	When a listed fire resistance assembly is modified, sufficient data shall be made available to the code official to show that the required fire resistance rating is not reduced.
IBC 705.2 "Projections," 705.2.3 "Combustible Projections"	Major Change	Unknown	Table 705.2, "Minimum Distance of Projections," was modified and simplified and now requires an increase in the separation required between the leading edge of a building's projection and the property line (or fire separation distance line). Section 705.2.3 was simplified and requires added protection where a combustible projection is within 5' of a property line (or FSD).
907.2.11.7 "Smoke Detection System"	New Provision	Unknown	Clarifies that an acceptable alternative to providing single and multiple-station smoke alarms is to use smoke detectors, listed per UL 268, that are part of the building's fire alarm system.

Important Changes to the 2015 IBC (cont'd)			
Section(s) and Issue(s)	*Type of Change*	*Cost Implication*	*Comment*
913.2.2 "Circuits Supplying Fire Pumps"	New Provision	Unknown	New section requires that the power supply cables shall be listed and installed in accordance with UL 2196.
IBC 1019 Exception 3, "Exit Access Stairways and Ramps"	New Provision	Unknown	New provisions for exit stairways and ramps require enclosed stairways and ramps with exception for interior of dwelling units.
IBC 308.3 "Group I-1," 308.3.1 "Condition 1, 308.3.2 "Condition 2," 404.5 Exception "Smoke Control," 420.4. "Smoke Barriers in Group I-1, Condition 2," 420.5 "Automatic Sprinkler System," 420.6 "Fire Alarm Systems and Smoke Alarms," 709.5 Exceptions "Openings," 903.2.6 Exception 1 "Group I," 903.3.2(3) "Quick-response and Residential Sprinklers," 904.13 "Domestic Cooking Systems in Group I-2 Condition 1," 907.2.6 Group I Manual Fire Alarm," 907.2.11.2 ""Smoke Alarms," 907.2.11.5 "Interconnection of Smoke Alarms," 907.2.13 Exception 6 "High-Rise Buildings," 907.5.2.2 Exception "Emergency Voice/Alarm Communications," 907.5.2.3.2 "Group I-1 Visible Alarms," 909.5.3 Exception 3 and 909.5.3.1 "Smoke Barrier Opening Protection," 915.1.1 "CO Detection," 1010.1.9.6 "Controlled Egress Doors in Group I-1 and I-2," 1010.1.9.8 "Sensor Release of Electrically Locked Egress Doors," 1010.1.9.9 "Electromagnetically Locked Egress Doors," 1020.1 Exception 2 "Corridor Construction," Table 1020.1 "Corridor Fire-Resistance Rating," 3006.2(2) "Hoistway Opening Protection Required"	Major Changes for I-1 Occupancies	Unknown	There have been a number of requests for conversions of existing R-2 projects into assisted living facilities as the baby boomers are now in their 60s. To provide some general guidance to firms that may be considering either the construction of new projects or conversion of existing buildings to such occupancies, the two rows on I-1 and R-4 occupancies are provided showing the revised requirements in the 2015 IBC for these occupancies. Also be aware that there may be modifications to the requirements in the 2015 IBC that relate to an existing building's conversion to another occupancy. See the requirements in the 2015 International Existing Building Code (IEBC), Chapter 10, "Change of Occupancy". Assisted living facilities ($\geq$ 17 persons) are now divided into two conditions with different requirements throughout the Code. I-1 Condition 1 only applies to occupants who are capable of responding to an emergency without any assistance to leave the building. I-1 Condition 2 applies to occupants who will require limited verbal or physical assistance to respond to an emergency and safely egress from the building.

Important Changes to the 2015 IBC (cont'd)			
Section(s) and Issue(s)	*Type of Change*	*Cost Implication*	*Comment*
Chapter 10 "Means of Egress"	Major Revisions, Relocations and Clarifications	Unknown	2012 IBC Sections 1015 and 1021 requirements were relocated and revised into the general provisions of Sections 1006 and 1007. All the section numbers that were in the 2012 IBC have been changed in the 2015 IBC because of the extensive reorganization and revisions during this code cycle. Users of the Code are cautioned to do an extensive review of Chapter 10 before designing a project under this new edition of the Code.
IBC 1007 "Exit and Exit Access Doorway Configuration"	New Provision	Unknown	New section with specific requirements on how to measure the separation distance between exits, exit access doorways/stairways and ramps.
IBC 1015.7 Exception "Roof Access"	New Exception	Unknown	Exception eliminates the guards required for roof access where the roof hatch opening is located within 10' of the roof edge or the open side is located > 30" above the floor, roof or grade above, where permanent fall arrest/restraint anchorage connector devices complying with ANSI/ASSE Z 359.1 are provided.
IBC 2406.4.7 "Safety Glazing Adjacent to the Bottom Stairway Landing"	Revision	Unknown	Requires safety glazing if glazing is located < 60" above the bottom of a stair, or within a 60" horizontal arc if < 180 degrees from the bottom tread nosing.
IBC 111.1 "Use and Occupancy"	Revision	Increase	A change in a building use, or portion thereof, with no change in its occupancy classification will now require a new Certificate of Occupancy.
IBC 716.5.8.4 "Opening Protectives–Safety Glazing"	Revision	Increase	Previous editions of the Code only required safety glazing for "fire protection-rated" glazing in fire door assemblies, now it will be required also for "fire resistance-rated" glazing in fire door assemblies. Note that Section 716.5.8.1.1 provides the locations where "fire resistance-rated" glazing in fire door assemblies can be used, and Section 716.5.8.1.2 provides the requirements where "fire protection-rated" glazing in fire door assemblies can be used.
903.3.8 "Limited Area Sprinkler Systems"	Major Revisions	Increase	In existing, non-sprinklered apartment buildings, limited area sprinkler systems were mostly provided in basements where storage rooms, boiler rooms and similar spaces were located. Revisions reduced the number of sprinklers from 20 to six that can be used on a "limited area sprinkler system" in any single fire area. In addition, it now requires hydraulic calculations to be done to show that these sprinklers that are piped off the domestic water supply can control a fire.

Important Changes to the 2015 IBC (cont'd)			
Section(s) and Issue(s)	*Type of Change*	*Cost Implication*	*Comment*
IBC 907.2.9.3 "Alarm Systems - Group R-2 College and University Buildings"	Clarification	Increase	In the previous edition of the IBC, the alarm requirements of this section appeared to apply to buildings that are owned by a college or university. For the 2015 IBC it was clarified that this requirement was for Group R-2 occupancies that are "...operated by a college or university for student or staff housing..." Requires an automatic smoke detection system in the common corridors/spaces, laundry, mechanical equipment and storage rooms. It also requires the smoke alarms in the dwelling/sleeping units to be interconnected with the fire alarm system
IBC 1015.8 "Window Opening Guard Protection"	New Provision	Increase	Window openings more than 72" above grade that are less than 36" above the floor must be protected with guards or fixed openings that will not allow the passage of a four-inch-diameter sphere.
IBC 1107.6.2.1 "Live/Work Units"	New Provision	Increase	The nonresidential portion of a live/work unit is required to be accessible. The entire live/work unit is required to be accessible if the residential portion of the live/work unit is required to be a Type B dwelling unit.
IBC 1107.7.2 Multistory Type B Dwelling Units	New Provision	Increase	The primary entry level in a multistory Type B dwelling unit that is served by an elevator must have a living area, kitchen and toilet facility.
IBC 1110.2.2, 1110.2.3 and 1110.4.13, Exception 3. "Accessible Recreational Facilities"	New Provision	Increase	New requirement that apartment properties comply with ANSI A117.1 recreational facility requirements. Accessible means of entry into a swimming pool, spa or similar water feature is not required in R-2, R-3 and R-4 occupancies.
IBC 1203.2 "Attic Ventilation"	New Provision	Increase	The ventilation requirements for attics have been upgraded to reflect the new code requirements for energy conservation. Specific requirements have been added for enclosed attics and a new section (IBC 1203.3) has been added for unvented attic and unvented enclosed rated assemblies.
IBC Chapter 17 "Special Inspections and Tests"	New Provision and Revised	Increase	New requirements for special testing have been added detailing specific requirements that must be complied with when special inspection is required. Requirements for inspection of specific materials have been modified or added.

Important Changes to the 2015 IFC			
Section(s) and Issue(s)	*Type of Change*	*Cost Implication*	*Comment*
IFC 1103.3.2 Elevator Emergency Operation	New Provision	Decrease	New exception to requirements for updating elevators to latest standard which include installation of protective doors, sprinkler protection, and for freight elevators sprinkler protection provided at least one elevator complies with A 17.3.
IFC 1104.22(4) "Means of Egress for Existing Buildings–Exterior Stairway Protection"	Deletion of **2012** IFC Section 1104.21**(4.1)**	Decrease	Remainder of Section 1104.21 was moved to 1104.22. The requirement to retroactively sprinkler existing, open-ended corridor (i.e., open breezeway) buildings was deleted.
IFC 1103.7.6 Exception 4 "Manual Fire Alarm System in Existing Group R-2 Occupancies"	New Exception	Decrease	Exception 4 eliminates the requirement for a manual fire alarm system in an existing R-2 occupancy where all four requirements are met: 1. Building is ≤ three stories in height above grade plane. 2. Dwelling units are not served by interior corridors. 3. Dwelling units are separated from each other by 3/4 hour fire barriers. 4. Dwelling units are provided with smoke alarms per Section 907.2.11.
IFC Appendix B B105 "Fire Flow Requirements for Buildings"	Revisions	Unknown	If a jurisdiction adopts the IFC and makes Appendix B mandatory in the adopting ordinance, then fire flows for townhouses and other buildings can be reduced based on the construction type and sprinkler system installed (NFPA 13, NFPA 13R or NFPA 13D).
IFC Appendix C "Fire Hydrant Locations and Distribution"	Revisions	Unknown	If a jurisdiction adopts the IFC and makes Appendix C mandatory in the adopting ordinance, then the revisions to Sections C103.2 Exception and C104.1 provide increased spacing for existing fire hydrants and credit for existing fire hydrants on adjacent properties that can be used. Also new footnotes "f" and "g" permit fire hydrant spacing increases based on the type of sprinkler system installed in the building.
IFC Appendix L "Fire Fighter Air Replenishment Systems (FARS)"	New Provision	Increase	If a jurisdiction adopts the IFC and makes Appendix L mandatory in the adopting ordinance, then buildings required by the local adopting ordinance to have FARS would be required to comply with Appendix L's design, installation, testing and maintenance requirements.
IFC Appendix M "High-Rise – Retroactive Automatic Sprinkler Requirement"	New Provision	Increase	If a jurisdiction adopts the IFC and makes Appendix M mandatory in the adopting ordinance, then all existing high-rise buildings in that jurisdiction will be required to be sprinklered.

Important Changes to the 2015 IEBC			
Section(s) and Issue(s)	*Type of Change*	*Cost Implication*	*Comment*
IEBC 406.3 and 702.5 – "Replacement Window Emergency Escape and Rescue Openings"	New Provision	Decrease	Under the Prescriptive Compliance Method or Level 1 Alterations, the replacement window must be the largest standard size that will fit within the existing frame.
IEBC 803.6 "Fire-Resistance Rating"	New Provision	Decrease	Under Level 2 Alterations, in buildings where an automatic sprinkler system is installed throughout, the required fire resistance rating of building elements and materials can be reduced to meet the requirements of the current building code.
IEBC 706 "Reroofing"	New Provision	Unknown	Under Level 1 Alterations, requirements from 2015 IBC Section 1511 were also placed in the IEBC.
2012 IBC Chapter 34 has been deleted and all of the requirements for existing buildings are now found in the 2015 IEBC	Editorial	None	The 2015 IEBC applies to repair, alteration, and change of occupancy, additions, and relocations of existing buildings.
IEBC 906.2 Alterations Level III	New Provision - Clarification	None	Revised to clarify that where four or more Group I-1, I-2, R-1, R-2, R-3 or R4 dwelling or sleeping units are be altered, the requirements of Section 1107 of the IBC for Type B units and Chapter 9 of the IBC for visible alarms apply only to the spaces being altered. Exception: Group I-1, I-2, R-1, R-2, R-3 and R-4 dwelling or sleeping units where the first certificate of occupancy was issued before March 15, 1991 are not required to provide Type B dwelling or sleeping units.
IEBC 406.2 and 702.4 - Replacement Window Fall Protection	New Provision	Increase	Under the Prescriptive Compliance Method or Level 1 Alterations, requirements for limits on window openings, similar to those for new construction, are required for replacement windows. Window openings more than 72 inches above the exterior grade and less than 36 inches above the finished floor are required to have control devices that limit the opening so that a four-inch sphere will not pass.
IEBC 904.2 Fire Alarm System - Alteration Level 3	New Provision	Increase	Install fire alarm and detection system with any Level 3 alteration.

Important Changes to the 2015 IPC			
Section(s) and Issue(s)	*Type of Change*	*Cost Implication*	*Comment*
IPC 106.1.1 "Annual Permit"	New Provision	Decrease	An annual permit for plumbing repairs can be issued to a person, firm or corporation to perform plumbing work on individual plumbing items that have already been approved when they employ a qualified tradesperson.

Important Changes to the 2015 IECC			
Section(s) and Issue(s)	*Type of Change*	*Cost Implication*	*Comment*
IECC C402 and Chapter 5 Performance Compliance Options	Revision	Decrease	Allow component performance design options for wall, floor, roof and other systems using overall building insulation values to reduce insulation values in individual components.
IECC C504.2.3 Roof Covering Air Barrier	Revision	Decrease	Exemption for repair/replacement of roof recovering from the requirement for an air barrier.
IECC C406 and Chapter 5 Energy Efficiency Packages	Revision	Unknown	Additional choices for required additional energy efficiency packages that can be more cost-effective for new and existing buildings.
IECC Tables C402.1, C402.4, R402.1.2 and R402.1.4–R-values and U-values	No Change from the 2012 IECC	Increase from the 2009 IECC	The R-value and corresponding U-value tables for the commercial and residential requirements have not been changed (except roof insulation), and are the same as in the 2012 versions of the IECC which are not cost effective. See separate document, *Recommended Amendments to the 2015 International Energy Conservation Code (IECC)*, for more information.
IECC R402.4.1.2–Thermal Envelope Air Barrier Testing	No Change from the 2012 IECC	Increase from the 2009 IECC	The residential Section R402.1.2 requires that the air barrier be pressure tested in accordance with a test method for one- and two-family dwellings that is not appropriate for R-2 occupancies. See separate document, *Recommended Amendments to the 2015 International Energy Conservation Code (IECC)*, for more information.
IECC Commercial and Residential Provisions	Revisions and Editorial	Increase	The Commercial portions, which apply to R-2 occupancies four-or-more stories in height; and the Residential portions, which apply to R-2 occupancies three-or-less stories in height, have major revisions to text which need to be considered during the design process.
IECC C403.3.2.1 and Chapter 5	Revision	Increase	Increased hot water piping insulation levels with limits on lengths of hot water piping.

Important Changes to the 2015 IECC (cont'd)			
Section(s) and Issue(s)	*Type of Change*	*Cost Implication*	*Comment*
IECC Table C403.2.3(9) Minimum Efficiency Air Conditioners and Condensing Units Serving Computer Rooms	Revision	Increase	Increased stringency of computer room HVAC minimum efficiency levels.
IECC C403.2.4.7 Fault Detection	New Provision	Increase	Required inclusion of a fault detection and diagnostics reporting system on all 4.5 ton or larger air-cooled, HVAC systems.
IECC C403.2.6.2 Garage Ventilation Controls	New Provision	Increase	Mandatory installation of automatic garage controls.
IECC C405 and Chapter 5 Lighting Controls	New Provision	Increase	Additional more stringent requirements for daylighting, lighting controls and allowed lighting power densities in new and existing buildings.
IECC C408.2.5.2.6 Lighting Operation and Maintenance Manuals	New Provision	Increase	Lighting contractor required to provide operations and maintenance manuals for lighting and lighting controls.
IECC C408.3.1 Occupant Sensor Controls	Revision	Increase	Requirement for functional testing of occupant sensor controls and time-switch controls.
IECC Chapter 5 Existing Buildings	New Provision	Increase	New Chapter 5, Existing Structures with provisions for existing buildings in addition to those contained in the IEBC.

Important Changes to the 2015 IMC			
Section(s) and Issue(s)	*Type of Change*	*Cost Implication*	*Comment*
IMC 106.1.1 "Annual Permit"	New Provision	Decrease	An annual permit for mechanical repairs can be issued to a person, firm or corporation to perform mechanical work on individual mechanical system or equipment that has already been approved when they employ a qualified tradesperson.
IMC 403.3.2 Mechanical Ventilation	New Provision	Increase	Ventilation requirements for R-2 occupancies three stories or less in height have been completely revised to include requirements for inclusion of mechanical exhaust and supply for each dwelling unit.

Important Changes to the 2015 IFGC			
Section(s) and Issue(s)	**Type of Change**	**Cost Implication**	**Comment**
IFGC 307.6 A/C Condensation Pumps	New Provision	Increase	Condensation pumps located in attics, crawl spaces and other uninhabited spaces must have controls that shut down the appliance upon failure of the pumping system.
IFGC 404.7 "Protection Against Physical Damage"	New Provision	Increase	Provisions added to protect concealed piping from penetration by nails, screws and other fasteners.

Summary of Significant Changes from 2012 to 2015 International Energy Conservation Code
Adapted from an email written by Darren Meyers (energy code consultant to the State of Illinois)

1) Executive-level summary of **2015 IECC Residential Provisions** with amendments for Illinois

a. New homes built to the 2015 IECC are projected to **save new home buyers in Illinois 1.0 percent in annual site energy usage**, and 0.7 percent in annual energy costs compared with homes built to the 2012 IECC.

b. Illinois amendment **eliminates the requirement for 0.40 SHGC for Illinois Climate Zone 5A** (i.e., Springfield and North) for consistency with a similar non-requirement for Illinois Climate Zone 4A (South of Springfield).

c. Illinois amendment allows **basement wall insulation** to be either: 1) R-13/R-10ci full-height, or 2) R-19/R-15ci (half-height).

d. Illinois amendment requires **Whole House Ventilation (WHV) "flow verification" through testing** prior to approval of a WHV system.

e. A **new alternative compliance path** is added based on an Energy Rating Index (ERI). While this change does not directly alter stringency of the code, it does provide an additional compliance path as an alternative to the IECC prescriptive and performance paths.

f. **New Appendix 'RA'** provides informative provisions for conducting a Combustion Air Zone (CAZ) test to confirm whether homes are designed to provide acceptable levels of combustion air to atmospherically-vented appliances. Because the appendix is non-mandatory, there is no direct impact on residential energy efficiency.

g. **New Appendix 'RB'** provides informative provisions to ensure homes are "solar-ready." Because the appendix is non-mandatory, there is no direct impact on residential energy efficiency.

h. **Duct insulation requirements** for return ducts in attics increased from R-6 to R-8.

i. **Heated water circulation systems and heat trace systems** shall be controlled by demand-activated circulation systems.

j. All ¾-inch hot-water pipes shall be insulated to R-3.

k. **Historic buildings**, which are generally exempted from the code, to comply with any of the code's provisions for which there is no "compromise to the historic nature and function of the building."

l. **Outdoor reset control for hot water boilers** requires boiler water temperature be lower when outdoor temperature is higher.

2) Executive-level summary of **2015 IECC Commercial Provisions** with amendments for Illinois

a. New commercial buildings constructed to the 2015 IECC are projected to save commercial building owners and operators 11.1 percent in annual site energy usage and 11.5 percent in annual energy costs on a national aggregated basis compared to commercial buildings constructed to the 2012 IECC.

b. **Three new "efficiency package" options added** to the original three, making six (6) options, of which one must be selected for ***ALL*** new commercial buildings:

i. Improved HVAC equipment performance (Section C406.2),

ii. Reduced lighting power density (LPD) system (Section C406.3),

iii. Enhanced lighting controls (Section 406.4),

iv. On-site supply of renewable energy (Section C406.5),

v. A dedicated outdoor air system for certain HVAC equipment (Section C406.6), and

vi. High-efficiency service water heating (Section C406.7).

c. **Flat-roof insulation levels** "above deck" increased from R-25ci to R-30ci.

d. **Hot Water Boilers** shall be provided with temperature reset controls that automatically lowers the boiler water supply temperature setpoint based on outdoor air temperature.

e. **Energy recovery ventilation (ERV)** requirements in Table C403.2.7(1) reduce the OA fraction threshold to 10% in Illinois climate zones 4A and 5A.

f. New requirements for **all kitchen exhaust and kitchen make up air systems** based on recognized hood and canopy exposure types.

g. DX units that control 75,000 Btu/h or more of rated capacity require at least **two stages of mechanical cooling capacity**.

h. Medium and Large Offices, Private Primary and Secondary Schools, Outpatient Healthcare, and Hospitals will be able to reheat/recool more recirculation air for human comfort if it can be demonstrated to reduce overall system annual energy use by offsetting reheat/recool energy losses through reductions in outdoor air intake. <<**Chicago Building Code on Ventilation trumps this**>>

i. **Multiple-zone VAV system ventilation optimization control requirements** in Section C403.4.4.6. Under this requirement, multiple-zone VAV systems shall have automatic controls to reduce outdoor air intake flow from the design rates in response to dynamic system ventilation efficiency as defined by the 2015 *International Mechanical Code* (IMC).

j. Changes that will likely **decrease the number of skylights in warehouses** and strip-mall-retail from 2012 to 2015 IECC levels. The major impacts of these changes on energy performance of warehouses and strip-mall-retail buildings are in envelope thermal performance, daylight responsive control, and HVAC system sizing.

k. **Interior lighting power reductions.** The IECC requirements related to the interior lighting power were reduced across all building area types on average -19% (e.g., 2012 IECC "Office" LPD reduced from 0.9 to 0.82 W/ft2 in 2015 IECC).

Attachment 7

General Summary of the Changes to the Illinois Plumbing Code

The following is a general summary of the changes to the Illinois Plumbing Code which became effective April 24, 2014. To access the Code electronically, visit www.ilphcc.com and click on the Illinois Plumbing Code under the Quick Links tab. The Illinois PHCC will be printing code books in the near future and will provide more detailed information as it is available.

	All sections	Date removed from Standard except in the Tables
	Various sections	"Proper" replaced with" Approved";"Appropriate" replaced with "the required", etc. General grammar and style corrections.
SUBPART A	Changes "General Regulations" to "General Provisions".	
890.110	Changed the name of the section from "General Regulations" to "Applicability".	
890.120 Definitions	**Circuit Vent;** deleted "which depend on siphonage for proper operation" from the definition. **Code;** changed to use the official reference to the Code. In reference to the local level, changed "code" to "rule or ordinance". **Continuous Vent;** deletes the sentence "A continuous vent is also known as a back vent or an individual vent". **CCCDI;** replaces the "Illinois EPA" with reference to the Title 35 rules. **Department;** new definition referring to the Illinois Department of Public Health. **Drainage Fixture Unit;** replaces "Fixture Unit, Drainage".Definition is the same. **Existing Work;** changes the date – "A plumbing system or any part of a plumbing system that has been installed prior to January 1, 2014". **Graywater;** Definition changed to read "Untreated waste water that has not come into contract with toilet waste, kitchen sink waste, dishwasher waste or similarly contaminated sources. Graywater includes waste water from bathtubs, showers, lavatories, clothes washers and laundry tubs. Also know as gray water, grey water, and grey water". **Individual Vent** changed to Individual Dry Vent. Changed to read; "a pipe installed to vent a single fixture trap that connects with the vent system above the fixture served, or that terminates in the outside atmosphere". Added; See Appendix B. Illustration CC. **Island Fixture Vent;** changed to read "a vent in which the vent pipe rises as near as possible to or above the highest water level in the fixture vented and then turns down before rising to connect to the vent system 6 inches above the flood level rim or terminating to the atmosphere".	**Kitchen or Bar Sink Faucet;** new definition - "a faucet that discharges into a kitchen or bar sink in domestic or commercial applications. Supply fittings that discharge into other types of sinks, including, clinic sinks, floor sinks, service sinks and laundry trays are not included". **Labeled;** new definition – "an indication that an agency approved by the Department or that is an ANSI-accredited certification program has certified the plumbing material to be in compliance with applicable standards in accordance with this Part". **Lavatory Faucet;** new definition – "a faucet that discharges into a lavatory basin in a domestic or commercial installation". **Lead Free;** wording changed to meet the 2014 federal Safe Drinking Water Act. **Loop Vent;** deletes the phase "which depend on self siphonage for proper operation". **Main Vent;** adds "a main vent may be a vent stack or a stack vent". **Metering Faucet;** new definition – "a self-closing faucet that dispenses a specific volume of water for each actuation cycle. The volume or cycle duration can be fixed or adjustable". **Multi-person Showers;** "shower compartments designed and intended for use by two or more persons simultaneously. **Non-Potable Water;** corrects the standard referenced. **Pipe Increments;** adds 1-1/4" to the list of pipe sizes. **Potable Water;** changed to read "water that meets drinking water standards specified in the Pollution Control Board's rules titled Primary Drinking Water Standards (35 Ill. Adm. Code 611), and is suitable for human consumption or culinary use". **Pre-Rinse Spray Valve;** new definition – "a hand-held device for use with commercial dishwashing and ware-washing equipment that sprays water on dishes, flatware, and other food service items for the purpose of removing food residue before cleaning and sanitizing items". **Private Water Supply;** deletes the reference to the Illinois Groundwater Protection Act. **Self Closing Faucet;** new definition – "a faucet that closes itself after the actuation or control mechanism is deactivated. The actuation or control mechanism can be mechanical or electronic". **Water Closet;** new definition – "a fixture with a water-containing receptor that receives

General Summary of the Changes to the Illinois Plumbing Code Continued

	liquid and solid body waste and on actuation conveys the waste through an exposed integral trap into a drainage system. Also referred to as a toilet." **Water Supply Fixture Unit**; replaces Fixture Unit, Water Supply. Definition is the same.
890.130	Incorporated and Referenced Materials (List)
890.140	Replaces "Repairs and Alterations" with "Compliance with This Part".
890.140 b) 1	Deletes part of the variance language.
890.140 b) 2	Adds; "The Department will consider variances to this Part when the applicant has provided documentation citing the particular portion of this Part for which a variance is sought and has provided justification sufficient, in the opinion of the Department, to demonstrate that the variance will not create a condition less protective than that portion of this Part addressed in the variance request. Issuance of variances to this Part is at the sole discretion of the Department and may not be delegated or assumed by any other authority identified in this Part. Variance authorizations may be conditioned as determined by the Department and are not precedential".
890.180 e) & f)	Adds a note to see Appendix B. Illustration BB.
890.320 l)3)	Joints in Plastic Drainage; adds "listed in Section 890. Appendix A. Table A.
890.330 b)	Corrects the standard to ASME B31.1.
890.330 c)	Straight stops are added for push-on stops.
890.340 c)	Corrects the standard for cast iron joints in water supply pipe to AWWA C151.
890.340 g) 1)	Plastic-Commingling; adds "or approved solvent as listed in 890. Appendix A. Table A. for connections transitioning from one material to another, only.
890.410	Changed "Traps" to "Fixture Traps/ Continuous Waste"
890.510 a) 3)	Deletes the prohibition of discharging a commercial dishwashing machine into the grease interceptor.
890.520 d) 3)	Gas & Oil Interceptors; "Two or more vents may be connected to a header, which shall be 6 inches higher than the lowest floor or trench drain served".
890.520 d) 6)	Corrects Office of State Fire Marshal Code to add 174, 175, 176, 177 and deletes 170.
890.630 e)	Adds; "Potable" in front of "Water Supply Connection".
890.640 c) 3)	Corrects the standard for bathtub liners/ inserts.
890.650 f)	Adds; "Seats for accessible water closets may be open or closed front, and may have a lid or not have a lid".
890.650 g)	Corrects the standard for flushometer tank valves.
890.680 e)	Changes the standard reference from ASSE 1016 to 1070 on water temperature for lavatories.
890.690 b)	Water temperature for showers; corrects the standard.ASSE 1016/ASME A112.1016/ CSA B125.16 and adds ASSE 1070. Changes "gang" shower to "multi-person" shower.
890.700 d)	Adds; "Service sinks, mop sinks, laundry trays or similar utility sinks shall be provided with hot water".
890.700 e)	Adds; "Sinks in laboratories that are not designated for hand washing or personal hygiene may be supplied with cold water only".
890.720 f)	Adds the Illinois Safe Bottled Water Act to the requirements. Deletes reference to "IDPH's Public Area Sanitary Practice Code".
890.730 b)	Adds high-density polyethene (HDPE) to the materials allowed for trench drains.
890.750	Added "Hydromassage" in front of Whirlpool.
890.750 b)	Corrects the standards and addresses suction fittings.
890.810 a) 1)	Adds "Individual businesses within the same building or within an enclosed mall may share public or employee restroom facilities, provided that the access to the restrooms does not require trespass on adjoining businesses or leased space. Restrooms shall be open at all times when any individual business within the same building or within an enclosed mall is open". Deletes the example given.
890.810 a) 2) A) ii)	Changes the floor area per person for "Assembly Places –Facilities for Spectator Events; Worship Places and Funeral Homes; Museums, Libraries,Exhibition Areas and Similar Uses" from 15 sq. ft. to 50 sq. ft.
890.1010 e)	Clear water wastes; adds "refrigerated cases" and "vacuum waste systems". Deletes "building sewer".

General Summary of the Changes to the Illinois Plumbing Code

Continued

890.1120	Changes color for non-potable water marking from yellow to continuous purple; changes the reference to the correct standard.
890.1130 g) 7	Adds "with hot water storage" to the section on closed water systems with regards to backflow devices.
890.1140 h) 1) A)	Adds "and the water supply shall be protected against backflow and back siphonage by an air gap; or an RPZ.
890.1140 h) 1) B)	Language changed to read "Chemical dispensing units shall have a dedicated water supply and shut-off valves to each unit. Each unit shall have a backflow device installed to protect against backflow and back siphonage".
890.1140 k)	Adds requirements for the usage of water powered sump pumps.
890.1180 b) 3)	Changes the reference to labs certified for water testing.
890. 1190 a)	Requires a full port valve on inlet and outlet side of the meter.
890.1190 b)	Adds that a drain valve shall be installed on the discharge side of the meter valve when located inside of a building.
890.1190 d)	Requires that the valve in the cold water branch to a water storage tank or each water heater shall be within 5 developed feet of the tank or heater and be located in the same room.
890.1190 e) & f)	"Shut off" replaced with "line" in reference to valves.
890.1190 g)	Deletes "or back to back" in reference to valve requirements in health care facilities.
890.1210 a)	Adds "attic" to places where water pipes cannot be run unless provisions are made to prevent freezing.
890.1210 b)	Replaces "CIPE" with "CPD".
890.1210 f)	Replaces "high pressure" with "pressure surges". (Water Hammer)
890.1220 a) 1)	Adds 'the CSA" as an approved testing agency for equipment used for heating and storing hot water.
890.1220 a) 2) A	Allows the use of a single wall construction hot water heat exchanger in a solar system if a non-toxic transfer fluid is used. (2-5) rearranges the current language on heat exchangers.
890.1220 a) 8)	Language changed and moved New 9) for P-O-U water heaters. Removed "instantaneous".
890.1220 a) 8-9	Was 9), now 8).Added Z21.10.1 & Z21.10.1b for space heating.
890.1220 a) 9) A)	POU water heaters; non-storage and non-pressurized units are exempt from relief valve requirements.
890.1220 a) 9) B)	POU water heaters; units intended to deliver water 110 degrees or less shall have an internal burnout element. Deletes the option of a factory set thermostat. Units are exempt from relief valve requirements.
890.1220 a) 10) (New)	Steam Heat.B) "All steam heat exchangers operating in excess of 15 psi, but less than 50 psi shall be separated by double wall construction, with an air gap open to the atmosphere between the two walls."
890.1220 a) 10) C	Adds requirements for steam heat exchangers
890.1230 b) 2)	Replaces AGA with CSA
890.1310 a)	Adds "and clear water vacuum waste systems" in reference to drainage materials.
890.1320 a)	Requires all underground drainage systems to be installed on undisturbed earth or granular fill. Removes exemption for cast iron.
890.1340 a)	Adds design language for Drainage similar to the requirements for Water Distribution. Also changes CIPE to CPD.
890.1340 b) 4)	Adds that the venting system is excluded from the requirement that any piping underground must be at least 2".
890.1360 a) 1)	Adds the words "sewage ejection" between automatic and "pumping".
890.1370 a)	Removes "When plumbing fixtures are installed on the level immediately above a crawl space, at least one trapped and vented floor drain shall be installed."
890.1370 e) 1)	Deletes the requirement that floor drains in food establishments must be metallic.
890.1370 e) 3)	Adds language to isolate these floor drains (in food establishments) from other sanitary discharge.
890.1420 a)	Added to (Vents) Design – "All fixture traps shall be protected by the use of a vent or venting system constructed in accordance with this Part".
890.1420 b)	Added to Installation – "Fixture Traps shall be protected by the appropriate method as follows: an individual dry vent, a wet vent, a common vent, a circuit or loop vent, an island vent, or a combination waste & vent system."

General Summary of the Changes to the Illinois Plumbing Code Continued

890.1420 c)	Vent Terminals; moved to 890.1430
890.1430 d) (new d was c)	d) Adds that no vent terminal can be within 4 feet of a vertical obstruction. c) states that wet vents in an exterior wall or adjacent to an unheated space must be protected from freezing.
890.1450 b)	Vertical Rise; adds the following "Exception: Wet venting and floor drain vents may connect horizontally."
890.1450 d)	Deletes: "Horizontal kitchen sink vents shall be above the flood level rim of the fixture".
Venting Part	General Cleanup and Reorganization.
890.1720 a)	Corrects the Standard for Correction Facility Water Closets.
890.1730 a)	Corrects the Standard for Correctional Facility Urinals.
890.1750 a)	Correct the Standard for Correctional Facility Service Sinks.
890. Appendix A	Cleanup of addresses/listings on agencies/ organizations.
Appendix A. Table A	Updates standards for **DWV.** Adds: CPVC for chemical waste; Identification of Piping Systems; deletes steel. Updates standards for **Building Sewer.** Adds: HDPE pipe; Polypropylene Pipe; Identification of Piping Systems. Updates standards for **Water Service.** Adds: Stainless Steel. Updates standards for **Water Distribution.** Adds: Pex Distribution Systems & Joints; Stainless Steel. Updates standards for **Fixtures & Fixture Fittings.** Adds: enameled steel fixtures; trench drains; plastic urinals. Updates standards for **Appliances/Appurtenances/ Devices.** Under mixing valves, adds: automatic compensating valves for individual showers and tub/shower combinations; mixing valves for hot water distribution; automatic temperature control mixing valves; water temperature limiting devices; mixing valves for emergency equipment; also addds; water closet personal hygiene devices; water softner and treatment devices.
Appendix A. Table B	**Minimum Number of Fixtures.** **Drinking fountains** for facilities for employee use changed from 1 per 75 to 1 per 100. Other fixtures for single or multiple dwelling, condo, or apt., hotel/motel; changed from 1 **laundry tray or clothes washer connection** for each 4 units to 1 for each 10 units. **Water closets** for assembly places (sports arenas, etc.) for over 800 people changed from 1 for each 200 females to 1 for each 150. **Bathtubs/Showers for Dormitories;** change in Footnote 13 now reads "The total number of bathing facilities shall include one bathtub for males and one bathtub for females or one individual user restroom with a bathtub. **Drinking fountains for assembly places** (sports arenas, etc.).Adds High-Low to 1 per each set of male and female restrooms. **Drinking fountains for assembly places** (theaters, etc.).Adds; "1 High-Low for each set of male and female restrooms. For **Mercantile, malls,** etc. it adds the same language. **Water Closets for Mercantile, malls, etc.** Changes the over 800 requirement for females from 1 for 175, to 1 for each 150. **Businesses Selling Motor Fuel.** Adds "1 service sink where public restrooms are required. **Office/Public Buildings.** Changes the water closet requirement for additional over 110 from 1 for each 40, to 1 for each 50. Changes additional **lavatories** for over 125 people from 1 for 45, to 1 for 50. **Schools – Elementary and above, Day Care,Nursery, etc.** Adds to the requirement for 1 service sink per floor "and kitchen area."
Appendix A. Table D	**Minimum Water Dist. Pipe Size.** Adds "Dishwasher (commercial) 3/4 inch"; Kitchen sink (commercial) 1 faucet ½ inch"; Kitchen sink (commercial) 2 faucets ¾ inch".
Appendix A. Table M	**Load Values Assigned to Fixtures.** Water Closets Public/Private, Flush Tank changed from 5 to 3 WSFU. Lav. Public, Faucet changed from 1.5 to 1 WSFU. Shower Head Public, Mixing Valve changed from 3 to 2 WSFU. Service sink faucets, Office, etc. changed from 2.25 to 2. Shower stall mixing valve, private changed from 1.5 to 1. Laundry tray faucets, private changed from 2.25 to 2.
Drawings **Illustrations.**	**Cleanup and Clarification of all**

Attachment 8

Illinois Department of
Natural Resources
One Natural Resources Way Springfield, Illinois 62702-1271
www.dnr.illinois.gov

Bruce Rauner, Governor
Wayne A. Rosenthal, Director

May 5, 2015

Dear Lake Michigan Water Allocation Permittees,

On March 31, 2015, the Department sent out an email requesting that all Lake Michigan Water Allocation Permittees adopt and submit revised ordinances/building codes consistent with the Department's recently updated Lake Michigan Water Allocation Regulations; in particular, Section 3730.307 (c) subparts 4 and 8. The revised language includes a requirement that new and replacement plumbing fixtures and irrigation controllers on sprinkler systems be a labeled WaterSense product, as specified by the USEPA.

IDNR has coordinated with the Illinois Department of Public Health (IDPH) to ensure our rules are consistent with IDPH's rules implementing the Illinois Plumbing Code. IDNR and IDPH have crafted sample ordinance language that will meet both requirements. The sample ordinance language reads as follows:

Pursuant to 17 Ill. Admin. Code 3730.307(c)(4) and subject to the Illinois Plumbing Code (77 Ill. Admin. Code 890) and the Lawn Irrigation Contractor and Lawn Sprinkler System Registration Code (77 Ill. Admin. Code 892), be it hereby ordained that in the City/Village/County of XXXXX, all new plumbing fixtures and irrigation controllers installed after the effective date of this ordinance shall bear the WaterSense label (as designated by the U.S. Environmental Protection Agency WaterSense Program), when such labeled fixtures are available.

Prior to adopting this ordinance, you must first submit it to the IDPH for their approval. An IDPH submittal form and a description of the approval process are attached for your use. If your proposed ordinance is consistent with the substance in the sample ordinance above, it should receive IDPH approval.

In addition, all permittees are still required to adopt and submit a second ordinance consistent with the Department's revised language concerning non-essential outside water use (Section 3730.307 (c)(8)):

8) The adoption of ordinances that restrict non-essential outside water uses to prevent excessive, wasteful use. These shall provide that unrestricted lawn sprinkling will not be allowed from May 15 through September 15 or each year by requiring, as a minimum, that lawn sprinkling shall not occur on

Please return this form, Attn: Cara Adkins, IDNR/OWR | cara.n.adkins@illinois.gov
Office of Water Resources | 160 N. LaSalle Street, Suite S-703 | Chicago, Illinois 60601
Office: 312.814.8579 | Fax: 312.793.5968

ILLINOIS
DEPARTMENT OF NATURAL RESOURCES

Illinois Department of
Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
www.dnr.illinois.gov

Bruce Rauner, Governor
Wayne A. Rosenthal, Director

consecutive days nor shall any lawn sprinkling occur during at least a 6 hour period in the middle of the day (i.e., 10 a.m. through 4 p.m., noon to 6 p.m.) when evapotranspiration is at its highest. New lawns (less than 3 months old) may be exempted from this provision.

Adoption of an ordinance consistent with this language will not require prior approval of IDPH.

I apologize for any confusion and additional work this extra step will cause. All Lake Michigan water allocation permittees that are units of local government should submit their revised ordinances to the Department by September 30, 2015. If you have any questions, please contact Cara Adkins at 312.814.8579 or cara.n.adkins@illinois.gov.

James P. Casey
IDNR/OWR
Lake Michigan Management Section
160 N. LaSalle Street, Suite S-703
Chicago, IL 60601
(312) 793-5947
(312) 793-5968 fax
James.casey@illinois.gov

Attachment 9

Codes & Standards

Changes to the 2014 NEC

According to the National Fire Protection Association (NFPA), there were 3,745 proposals submitted recommending changes for the 2014 National Electric Code (NEC). In addition, there were 1,625 comments concerning the NEC Code-Making Panels' responses to these proposals. Below are some of the more noteworthy changes that occurred in the 2014 edition of the *NEC*.

1. There was a revision to increase the nominal threshold voltage from 600 Volts to 1,000 Volts. The higher voltage is needed for the installation for solar PV equipment.

2. New Articles were added to the NEC topics concerning:

   - Article 393 Low Voltage Suspended Ceiling Power Distribution
   - Article 646 Modular Data Centers
   - Article 728 Fire Resistive Cable Systems
   - Article 750 Energy Management Systems

3. Even though "readily accessible" has been used in the NEC, the definition of readily accessible has been added to article 100. This may require changes to the installation of receptacles for dishwashers and vending machines.

Readily Accessible
Capable of being reached quickly for operation, renewal, or inspection without requiring those concerned to use a tool, to climb over, remove obstacle, or other.

4. Article 210.8 GFCI Protection for Dwelling Unit Laundry Areas and Commercial Garages
Dwelling unit laundry areas will now require GFCI protection for all 125-volt, single-phase, 15- and 20 amp receptacles in laundry rooms.

GFCI protection required for all 125 volt single phase 15 and 20 ampere receptacles installed in all commercial, non dwelling unit garages, service bays and similar areas. Not only garages where electrical diagnostic equipment electrical hand tools, or portable lighting equipment are to be used.

5. Article 210.8(D) GFCI for Kitchen Dishwasher Branch Circuit.

GFCI protection shall be provided for outlets that supply dishwashers installed in dwelling units. This includes receptacles and hardwired (All GFCI's must be readily accessible).

6. Article 210.12 AFCI Protection for Dwelling Units now required in kitchen, laundry, and dormitories.

Receptacle AFCI's can be used under certain conditions.

7. Article 300.38 Raceways in Wet Locations Above Grade.

A new section was added to Part II (over 1000 volts, nominal) of Article 300 to indicate that the interior of raceways installed in wet locations above grade are now considered to be a wet location. This will bring aboveground installation requirements for over 1000 volts consistent with the requirements in 300.9 for 1000 volts and under.

8. Article 310.15(B)(3)(c), Exception and Table 310.15(B)(3)(c) Raceways and Cables Exposed to Sunlight on Rooftops.

A new exception was also added that will allow the employment of Type XHHW-2 conductors, which is a thermoset insulated conductor, to be installed in raceways or cables on rooftops without having to apply an ambient temperature adjustment correction factor for these conductors.

9. There was a revision to article 406.9(B)(1) Extra-Duty Covers at 15- and 20-Ampere for receptacles at wet locations.

10. There is a revision in Article 445.11 to require marking at generators to indicate if the neutral is bonded to the frame.

11. Articles 517.18(B); 517.19(B); and 517.19(C) for healthcare facilities will conform to NFPA 99 and change the number of receptacles in patient care facilities for the patient and in operating rooms.

12. Article 690.12 will require Rapid Shutdown of PV Systems on Buildings.

These are just a few of the changes that have been incorporated into the new 2014 NEC.

For more information, contact John Masarick at (703) 650-0053 or e-mail jmasarick@ieci.org. (mailto:jmasarick@ieci.org)

VILLAGE OF LAKE BLUFF
REQUEST FOR BOARD ACTION

Agenda Item: 20

Subject: AN ORDINANCE GRANTING VARIATIONS FROM THE VILLAGE'S MAXIMUM FLOOR AREA AND SIDE YARD SETBACK REGULATIONS (611 E. Prospect Avenue)

Action Requested: FIRST READING CONSIDERATION APPROVAL (Roll Call Vote)

Originated By: BRUCE AND JILL DANLY (Petitioners)

Referred To: JOINT PLAN COMMISSION & ZONING BOARD OF APPEALS

Summary of Background and Reason For Request:

On January 27, 2016 the Village received a zoning application from Bruce and Jill Danly (Petitioners), property owners of 611 E. Prospect Avenue, requesting variations from the Village's maximum floor area regulations and the R-4 District minimum side yard setback regulations to remove and reconstruct a single story addition on the rear of the house to serve as a mudroom. The house was originally built in the 1880s and is a legal nonconforming structure because the house:

- exceeds the maximum floor area regulations by 1,000.41 sq. ft. (1,759.13 sq. ft. maximum allowed); and
- encroaches into the westerly side yard setback by 0.78 ft. (5.18 ft. minimum is required).

At its meeting on February 17th the Joint Plan Commission and Zoning Board of Appeals (PCZBA) conducted a public hearing and recommended the Village Board approve the following:

- A variation from the maximum floor area regulations of 1,017.98 sq. ft. (or a 57.87% variation); and
- A variation from the R-4 District minimum side yard setback regulations of .78 ft. (or a 15.38% variation)

The Petitioners, as well as Village Staff, will be in attendance at the meeting to answer questions from the Board.

Reports and Documents Attached:

1. Ordinance Granting Requested Variations for 611 E. Prospect Avenue; and
2. PCZBA Staff Report Dated February 12, 2016 (with attachments).

PCZBA's Recommendation: Approval of the Ordinance.

Village Administrator's Recommendation: Consideration of First Reading of the Ordinance.

Date Referred to Village Board: **3/14/2016**

ORDINANCE NO. 2016-____

AN ORDINANCE GRANTING VARIATIONS FROM THE VILLAGE'S MAXIMUM FLOOR AREA AND SIDE YARD SETBACK REGULATIONS (611 East Prospect)

WHEREAS, Bruce and Jill Danly (collectively, ***"Applicant"***) are the owners of the property located in the Village's R-4 Residence District (***"R-4 District"***) at 611 East Prospect Avenue, Lake Bluff, Illinois, which is legally described on ***Exhibit A*** attached hereto ("***Property***"); and

WHEREAS, on January 27, 2016, the Applicant submitted an application including site plans, elevations, and a plat of survey (collectively, "***Application***"), requesting: (i) a variation from the maximum floor area restrictions of the Lake Bluff Zoning Regulations ("***FAR Variation***"), (ii) a variation from the Village's daylight plane height restrictions, and (iii) any other zoning relief as required in order to construct a single-story addition on the rear of the existing home on the Property ("***Addition***"); and

WHEREAS, upon reviewing the Application, Village staff determined that the requested variation from the Village's daylight plane height restrictions was not required, but that construction of the Addition would require other zoning relief consisting of a variation from the side yard setback restrictions of the Lake Bluff Zoning Regulations ("***Side Yard Setback Variation***"); and

WHEREAS, on February 17, 2016, the Village's Joint Plan Commission and Zoning Board of Appeals ("***PCZBA***") conducted a duly-noticed public hearing to consider the FAR Variation and the Side Yard Setback Variation and recommended that the Village Board grant the FAR Variation and conditionally approved and recommended that the Village Board approve the Side Yard Setback Variation; and

WHEREAS, the President and Board of Trustees has determined that it would be in the best interest of the Village to grant the FAR Variation and the Side Yard Setback Variation in accordance with, and subject to, the conditions, restrictions, and provisions of this Ordinance;

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND THE BOARD OF TRUSTEES OF THE VILLAGE OF LAKE BLUFF, LAKE COUNTY, ILLINOIS, AS FOLLOWS:

Section 1. Recitals.

The foregoing recitals are incorporated into this Ordinance as the findings of the President and Board of Trustees.

Section 2. Public Hearing.

A public hearing to consider the applicant's request for the FAR Variation and the Side Yard Setback Variation was duly advertised on February 1, 2016, in *The News-Sun*, and was held by the PCZBA on February 17, 2016, on which date the PCZBA recommended approval of the FAR Variation and conditionally approved and recommended that the Village Board approve the Side Yard Setback variation.

Section 3. Grant of Variations.

Pursuant to the standards and procedures set forth in Section 10-2-4 of the Lake Bluff Zoning Regulations and subject to and contingent upon the conditions, restrictions, and provisions set forth in Section 4 of this Ordinance, the Village Board hereby grants the following variations:

A. FAR Variation. A variation of approximately 1,017.98 square feet, or 57.87%, is hereby granted to the Applicant from the restrictions of Section 10-5-6 of the Lake Bluff Zoning Regulations to permit the construction of the Addition on the Property.

B. Side Yard Setback Variation. A variation of approximately 0.78 feet, or 15.38%, is hereby granted to the Applicant from the restrictions of Section 10-5G-2B of the Zoning Regulations to permit the Addition to encroach into the required side yard setback for the Property.

Section 4. Conditions of Approval.

The findings in Section 1 and the variations granted in Section 3 of this Ordinance are hereby expressly subject to and contingent upon each of the conditions set forth in this Section.

A. Compliance with Application. The Addition, the Property and all operations conducted thereon must be developed, used, maintained, and located in substantial compliance with the provisions set forth in Section 3 of this Ordinance and the Application attached to this Ordinance as ***Exhibit B***.

B. Compliance with Applicable Law. In addition to the other specific requirements of this Ordinance, the Addition, the Property, and all operations conducted thereon must comply at all times with all applicable federal, state, and Village statutes, ordinances, resolutions, rules, codes, and regulations, including building, electrical, and fire prevention codes.

C. Drainage from Property. As represented by the Applicant during the public hearing before the PCZBA, the Applicant will take all reasonable steps consistent with the Lake County Watershed Development Ordinance to ensure that construction of the Addition does not cause water to drain from the Property onto neighboring residential lots, including without limitation the lot to the immediate west of the Property.

Section 5. Failure to Comply with Conditions.

Upon failure or refusal of the Applicant, or any of its officers, employees, or agents, to comply with any or all of the conditions, restrictions, or provisions of this Ordinance, the variations granted in this Ordinance will, at the sole discretion of the Village Board of Trustees, by ordinance duly adopted, be revoked and become null and void.

Section 6. Binding Effect; Non-Transferability.

The privileges, obligations, and provisions of each and every Section of this Ordinance are for and will inure to the benefit of and run with and bind the Property, unless otherwise explicitly set forth in this Ordinance.

Section 7. No Third Party Beneficiaries.

Nothing in this Ordinance creates, or will be construed or interpreted to create, any third party beneficiary rights.

Section 8. Effective Date.

A. This Ordinance will be effective only upon the occurrence of all of the following events:

i. Passage by the Board of Trustees of the Village of Lake Bluff in the manner required by law;

ii. Printing and publication of this Ordinance in the manner required by law; and

iii. The filing by the Applicant with the Village Clerk, for recording in the Office of the Lake County Recorder of Deeds, of an unconditional agreement and consent to accept and abide by each and all of the terms, conditions, and limitations set forth in this Ordinance. The unconditional agreement and consent must be executed by the Applicant. The unconditional agreement and consent must be substantially in the form attached hereto and incorporated herein as **Exhibit C**.

B. In the event that the Applicant does not file with the Village Clerk the unconditional agreement and consent required by Paragraph 8.A(iii),of this Ordinance within 60 days after the date of final passage of this Ordinance, the Village Board of Trustees will have the right, in their sole discretion, to declare this Ordinance null and void and of no force or effect.

PASSED this ____ day of _____, 20__, by vote of the Board of Trustees of the Village of Lake Bluff, as follows:

AYES: ( )

NAYS: ( )

ABSTAIN: ( )

ABSENT: ( )

APPROVED this ____ day of _____, 20__.

_____
Village President

ATTEST:

_____
Village Clerk

FIRST READING: _____

SECOND READING: _____

PASSED: _____

APPROVED: _____

PUBLISHED IN PAMPHLET FORM: _____

#39378182_v1

Exhibit A

Legal Description of the Subject Property

THOSE PARTS OF LOTS 3, 4, AND 5 IN THE OUTER CIRCLE OF LOTS IN BLOCK 17 OF LAKE BLUFF, A SUBDIVISION OF PART OF THE N. ½ OF SECTION 21, TOWNSHIP 44 NORTH, RANGE 12 EAST OF THE THIRD P.M., ACCORDING TO THE PLAT THEREOF RECORDED MARCH 15, 1877, AS DOCUMENT 16918, IN BOOK "A" OF PLATS, PAGE 95, AND OF THOSE PARTS OF LOTS 8 & 9 IN THE PLAT OF RESUBDIVISION OF PARTS OF BLOCK 17 IN LAKE BLUFF, A SUBDIVISION OF PART OF THE N. ½ OF SECTION 21, TOWNSHIP 44 NORTH, RANGE 12 EAST OF THE 3RD P.M., ACCORDING TO THE PLAT OF SAID RESUBDIVISION, RECORDED OCT. 24, 1910, AS DOCUMENT 131943, IN BOOK "H" OF PLATS, PAGE 79, DESCRIBED AS FOLLOWS: BEGINNING AT A POINT ON THE NORTH LINE OF SAID LOT 3, 8.50 FEET EAST OF THE N.W. CORNER THEREOF; THENCE SOUTH ALONG A LINE 8.50 FEET EAST OF THE PARALLEL WITH THE WEST LINE OF SAID LOT 3, AND WITH SAID WEST LINE PRODUCED STRAIGHT SOUTH, 84.90 FEET; THENCE WEST ALONG A LINE PARALLEL WITH THE NORTH LINE OF SAID LOTS 3, 4 AND 5, 51.60 FEET, MORE OR LESS, TO A LINE 7.00 FEET EAST OF AND PARALLEL WITH THE WEST LINE OF SAID LOT 5 AND SAID WEST LINE PRODUCED STRAIGHT SOUTH; THENCE NORTH ALONG SAID LINE 7.00 FEET EAST OF AND PARALLEL WITH EXTENDED WEST LINE OF LOT 5, 84.90 FEET TO THE NORTH LINE THEREOF; AND THENCE EAST ALONG SAID NORTH LINE OF LOTS 5,4 AND 3, 51.57 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, IN LAKE COUNTY, IL.

PIN #s 12-21-223-019; 12-21-223-030

Commonly known as 611 East Prospect Avenue, Lake Bluff, Illinois.

Exhibit B

Zoning Application and Related Documents

Exhibit C

Applicants' Unconditional Agreement and Consent

TO: The Village of Lake Bluff, Illinois ("***Village***"):

WHEREAS, Bruce and Jill Danly (collectively, ***"Applicant"***) are the owners of the property located in the Village's R-4 Residence District (***"R-4 District"***) at 611 East Prospect Avenue, Lake Bluff, Illinois, which is legally described on ***Exhibit A*** attached hereto ("***Property***"); and

WHEREAS, on January 27, 2016, the Applicant submitted an application including site plans, elevations, and a plat of survey (collectively, "***Application***"), requesting: (1) a variation from the maximum floor area restrictions of the Lake Bluff Zoning Regulations ("***FAR Variation***") and (2) a variation from the side yard setback restrictions of the Lake Bluff Zoning Regulations ("***Side Yard Setback Variation"***) in order to construct a single-story addition on the rear of the existing home on the Property ("***Addition***"); and

WHEREAS, on February 17, 2016, the Village's Joint Plan Commission and Zoning Board of Appeals ("***PCZBA***") conducted a duly-noticed public hearing to consider the FAR Variation and the Side Yard Setback Variation and recommended that the Village Board grant the FAR Variation and conditionally approved and recommended that the Village Board approve the Side Yard Setback Variation; and

WHEREAS, Ordinance No. _____, adopted by the President and Board of Trustees of the Village of Lake Bluff on _____, 20__, ("***Ordinance***") approves the requested Variation, subject to certain modifications, conditions, restrictions, and provisions; and

WHEREAS, Subsection 8.B of the Ordinance provides, among other things, that the Ordinance will be of no force or effect unless and until the Applicants file with the Village Clerk, within 60 days following the passage of the Ordinance, its unconditional agreement and consent to accept and abide by each of the terms, conditions and limitations set forth in said Ordinance;

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

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

2. The Applicant acknowledges that public notices and hearings have been properly given and held with respect to the adoption of the Ordinance, 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 Applicant 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 issuance of any permits or approvals for the use of the Property, and that the Village's issuance of any such permits or approvals does not, and will not, in any way, be deemed to insure the Applicant against damage or injury of any kind and at any time.

4. The Applicant agrees to and hereby holds 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 operation and use of the Property, or the Village's adoption of the Ordinance approving the Variation.

Dated: _____, 20__.

ATTEST:

By:_____

Its:_____

BRUCE DANLY

By:_____

Its:_____

ATTEST:

By:_____

Its:_____

JILL DANLY

By:_____

Its:_____

VILLAGE OF LAKE BLUFF

Memorandum

TO: Chair Kraus and Members of the Joint Plan Commission & Zoning Board of Appeals

FROM: Brandon J. Stanick, Assistant to the Village Administrator

DATE: February 12, 2016

SUBJECT: **Agenda Item #7 -** 611 E. Prospect Avenue Request for Zoning Relief

Applicant Information:	Bruce and Jill Danly (Petitioners & Owners)
Location:	611 E. Prospect Avenue
Existing Zoning:	R-4 Zoning District (single-family residential)
Purpose:	To remove and reconstruct a single story addition on the rear of the house to serve as a mudroom.
Requested Action:	Seeking a zoning variation from the maximum gross floor area regulations and the R-4 minimum side yard setback requirements to remove and reconstruct a single story addition on the rear of the house to serve as a mudroom.
Public Notice:	*Lake County News Sun* – February 1, 2016
Lot Area:	51.80 ft. x 84.90 ft. (4,397.82 sq. ft.)
Existing Land Use:	Single-family residential
Surrounding Land Use:	• North: Single-family residential • East: Single-family residential • South: Single-family residential • West: Single-family residential
Comprehensive Plan Land Use Objectives:	• Preserve the unique residential character of the area; • Encourage rehabilitation & control redevelopment in an orderly manner compatible with neighboring properties.
Zoning History:	Not applicable
Applicable Land Use Regulations:	• **Section 10-5-6:** Residence Maximum Gross Floor Area Regulations; and • **Section 10-5G-2B:** R-4 Minimum Side Yard Setback Regulations.

Background and Summary

On January 27, 2016 the Village received a zoning application from Bruce and Jill Danly (Petitioners), property owners of 611 E. Prospect Avenue, to remove and reconstruct a single story addition on the rear of the house to serve as a mudroom. The new addition will also have a railing on the roof, which does not intercept the daylight plane height (disregard comments regarding daylight plane in the Petitioners' materials). The floor area of the portion being removed is 91.04 sq. ft. The single story addition will be reconstructed at a new size of 108.60 sq. ft. (17.56 sq. ft. greater). The house was constructed in the 1880s and the existing floor area (2,759.54 sq. ft.) exceeds the maximum floor area allowed by 1,000.41 sq. ft. Because the addition is enhancing the existing legal non-conformity by 17.56 sq. ft., a total maximum floor area variation of 1,017.98 sq. ft. (or 57.87% variation) is required to construct the new addition. Further, the existing side yard setback on the property is 4'4" (5.18 ft. required), a legal non-conformity that encroaches .78" (or 9") into the westerly side yard. Because the addition is enhancing the existing non-conformity, a variation to encroach into the westerly side yard is also required.

Zoning Analysis

Village Staff has conducted the required zoning analysis and confirms the Proposed Improvements, with the exception of the standards identified below are in compliance with the Zoning Code:

MAXIMUM FLOOR AREA COVERAGE (in sq. ft.)
Total Floor Area Variation: 1,017.98 or 57.87%

Maximum Allowed		Existing		Proposed		Total	
Lot Size:	4,397.82	1st floor:	1,349.29	1st floor:	17.56	1st floor:	1,366.86
Floor Area:	1,759.13	Deck:	222.75	Deck:	0.00	Deck:	222.75
		2nd floor:	1,187.50	2nd floor:	0.00	2nd floor:	1,187.50
		Total:	2,759.54	Total:	17.56	Total:	2,777.10

MINIMUM SIDE YARD SETBACK (in feet)
Total Side Yard Variation: 0.78 ft. or 15.38%

Minimum Required		Existing		Proposed		Encroachment	
Lot Width:	51.80	SY Setback:	4.40	SY Setback:	4.40	SY:	0.78 (9 inches)
SY Setback:	5.18						

The Petitioners have provided statements addressing the standards for variation in the attached zoning application. The PCZBA should consider if the Petitioners' statements and submitted materials satisfy the established standards for variation. The Petitioners did not address the standards in regards to the zoning relief required for the westerly side yard; Staff anticipates the Petitioners will provide this prior to the meeting on February 17th. Please disregard responses to the standards for special use permits, as well as responses to the text amendment principles since the Petitioners are not requesting a special use permit or a text amendment.

PCZBA Authority

The PCZBA has the authority to:

- Recommend the Village Board approve, approve with conditions or deny the request for:

- A 57.87% variation from the **residence district maximum floor area regulations** to allow for an addition on the rear of the house.

- Conditionally approve or deny the 15.38% variation from the **R-4 minimum side yard setback requirements** to allow for an addition on the rear of the house (note that under Section 10-2-4A1(c) of the Zoning Code, because the Village Board has final authority over the floor area variation, the PCZBA's decision on the side yard variation is contingent upon, and subject to, the Village Board's approval of the floor area variation).

Recommendation

Following the public hearing to consider the requested zoning relief, the PCZBA should take one of the following actions:

- If more information is required, continue the public hearing to a date certain to allow the Petitioners to provide additional information; or
- If more information is not required, vote to:
  - Recommend the Village Board approve, approve with conditions, or deny the request for a 57.87% variation from the **residence district maximum floor area regulations**.
  - Approve, approve with conditions or deny the request for a 15.38% variation from the **R-4 minimum side yard setback requirements,** and should the PCZBA approve the requested relief, condition the approval on the Village Board's decision to approve the floor area variation.

Attachments

- Petitioners' zoning application and related material.

If you should have any questions concerning the information provided in this memorandum please feel free to contact me at 847-283-6889.

FEE PAID:
RECEIPT NUMBER:

DATE RECEIVED BY VILLAGE:

RECEIVED
JAN 27 2016
VILLAGE OF LAKE BLUFF

VILLAGE OF LAKE BLUFF

APPLICATION FOR ZONING VARIATION, SPECIAL USE PERMIT, REZONING, OR PRD

SUBJECT PROPERTY

Address: 611 EAST PROSPECT AVE, LAKE BLUFF Zoning District: R-4
(Property address for which application is submitted)

Current Use: RESIDENTIAL
(Residential, Commercial, Industrial, Vacant, Etc.)

PIN Number: 12-21-223-019 AND 12-21-223-030

APPLICANT

Applicant: JILL AND BRUCE DANLY

Address: 611 EAST PROSPECT AVE, LAKE BLUFF
(Address if different than subject property)

Relationship of Applicant to Property: OWNER
(Owner, Contract Purchaser, Etc.)

Home Telephone: 847-234-2480 Business Telephone: 847-977-2004

OWNER

Owner - Title Holder
Name: BRUCE & JILL DANLY IN COMMON
Address: 611 E. PROSPECT AVE LAKE BLUFF
Daytime Phone: 847-977-2004

If Joint Ownership
Joint Owner:
Address:
Daytime Phone:

If ownership is other than individual and/or joint ownership, please check appropriate category and provide all additional ownership information as an attachment.

- ☐ Corporation
- ☐ Partnership
- ☐ Land Trust
- ☐ Trust
- ☐ Other:

Are all real estate taxes, special assessments and other obligations on the subject property paid in full?

☒ **Yes** ☐ **No** **If No, Explain:**

ACTION REQUESTED

To provide time for legal notification requirements, any application requiring a Public Hearing before the Zoning Board of Appeals must be received at least 25 days prior to the next meeting date.

- ☒ Zoning Variation
- ☐ Special Use Permit
- ☐ Text Amendment
- ☐ Rezoning
- ☐ Planned Residential Development
- ☐ Other: _____

Applicable Section(s) of Zoning Ordinance, if known: (i) A VARIATION FROM the MAXIMUM GROSS FLOOR AREA REGULATIONS OF SECTION 10-5-6 AND (ii) VARIATION FOR DAYLIGHT PLANE HEIGHT AND ANY OTHER ZONING RELIEF REQUIRED.

Narrative description of request: (i) TO ALLOW FOR the REPAIR AND RECONSTRUCTION OF THE single STORY REAR PORTION OF THE HOUSE THAT IS APPROXIMATELY (6'-6" BY 9'-5") THAT WOULD EXTEND THE AREA BY 1 FOOT 10 INCHES BY 9 Feet 5 inches for A TOTAL OF 17.24 SQUARE FEET. (ii) TO ALLOW FOR THE EXISTING HOME to CONFORM BY VARIATION to THE SIDE YARD DAY LIGHT PLANE Height so that the EXISTING WEST WALL OF THE HOME to BECOME CONFORMING; APPROXIMATELY 6 FEET of Height OF THE SIDE OF the GABLE END IS INTERSECTION BY THE Daylight Plane

STANDARDS FOR VARIATIONS AND SPECIAL USE PERMITS

The Zoning Board is required by the Illinois State Statutes to apply the following standards in reviewing requests for Variations and Special Use Permits. The Board may only grant a variation or recommend that the Village Board grant a variation in cases where there are practical difficulties and particular hardships brought about by the strict application of the Zoning Ordinance and not by any persons, presently or formerly, having an interest in the property. **The applicant has the burden of establishing each of these standards both in writing and at the Public Hearing**. Please attach additional materials if necessary.

STANDARDS FOR VARIATIONS:

1. **Practical Difficulty or Hardship**: Describe the practical difficulty or particular hardship that would result from the strict application of the Zoning Ordinance.

THE EXISTING HOUSE HAS AN OUTDATED LAYOUT IN REGARD to ROOM SIZE AND CONFIGURATION. THE HOME WAS ORIGINALLY BUILT IN LATE 1880's AS A COTTAGE WITH REMODELING IN 1921 AND 1952 AND 1982. IN ADDITION, the PROPERTY LINE IS SETBACK 20 Feet FROM SIDEWALK CAUSING HARDSHIP IN COMPARING ZONING CALCULATIONS WITH MOST other PROPERTIES IN TOWN. ALSO, the ATTACHED GARAGE CAUSES OUR FAR CALCULATION to NOT INCLUDE THE "GARAGE DETACHED BONUS" IN the CALCULATION

2. **Unique Physical Condition**: Describe the unique characteristics of the lot or structures on the subject property which are exceptional, such as: a) existing unique structures or uses, b) irregular lot shape, size, or location, c) exceptional topographical features, or d) other extraordinary physical conditions.

THE HOME IS ONE OF the EARLY COTTAGES WITH UNIQUE PROPERTY LINES AND UNUSUAL NEIGHBOR LOT LAYOUTS. IN ADDITION, the 20 Feet BY 57'-6" AREA IN THE FRONT YARD THAT IS CREATED BY THE UNUSUALLY LARGE SETBACK THAT WOULD "NORMALLY" BE INCLUDED IN THE CALCULATION. THE EXISTING WALLS of the WEST SIDE OF THE HOUSE IS 6 FEET 9 INCH FROM PROPERTY LINE THAT CREATES NON-CONFORMITY TO THE "DAYLIGHT PLANE" REGULATION. UNUSUALLY SHALLOW DEPTH of LOT IS CAUSED BY A FLAG LOT THAT CAUSES CONFLICT WITH THE CALCULATION COMPARED to MOST LOTS.

3. **Special Privilege**: Describe how the request will not simply provide the applicant with a special privilege that other property owners do not enjoy. The request must be for relief from the regulations due to hardship, and not simply to reduce inconvenience or to provide for financial gain.

WITH the UNUSUAL LOT SETBACK From the BACK OF SIDEWALK AND THE HOUSE BEING CONSTRUCTED AND RE-MODELED BEFORE THE MODERN ZONING REGULATIONS; AN APPROVED of the ZONING VARIANCE WOULD OFFSET THE HARDSHIP AND UNIQUE LOT SIZE AND SETBACK THAT NO SPECIAL PRIVILEGE WOULD BE GIVEN, IT WOULD ONLY MAKE THE LOT AND HOME BE BASED ON THE GENERAL CALCULATIONS THAT MOST OTHER HOUSES WERE APPLIED.

4. **Code Purposes**: Describe how the request does not violate the intentions of the regulations. The applicant must show that the request does not adversely impact surrounding properties or the general welfare.

THE REQUEST IS MAKING WHAT IS EXISTING INTO CONFORMITY WITH the REGULATIONS. IN ADDITION the CALCULATION RESULTS IN AN ADDITIONAL Eighteen (18') Square Feet AT a Single-Story WALL THAT WOULD MOVE two feet to the SOUTH.

5. **Public Health and Safety**: Describe how the request will not: a) adversely impact the supply of light and air to adjacent properties, b) increase traffic congestion, c) increase the hazard of fire, d) endanger public safety, e) diminish the value of property within the surrounding area, or f) impair the public health, safety, comfort, morals, and welfare of the people.

THE Request Does not effect ANY OF THE STRUCTURE ABOVE ≈ Nine (9) Feet ABOVE GRADE. THE EXISTING structure IS THE SAME HEIGHT; NO INCREASE IN TRAFFIC; NO HAZARD of FIRE or NO ENDANGERMENT to the public, the repairs of the house are NECESSARY NEIGHBORING property Value & welfare of the people.

STANDARDS FOR SPECIAL USE PERMITS:

1. **General Standard**: Describe how the proposed use will not adversely impact adjacent properties.

THE Result OF THE proposed use is to modernize the interior of the structure. less than two (2) Feet by 9'4" by 8 Feet high. There is A Fence OF 6' in the backyard; SO THE RESULT WOULD BE DIFFICULT FOR the neighbors to HAVE ANY EFFECT EXCEPT FOR the house to be RE-Finished with SIDING & WINDOWS AS EXISTING TODAY.

2. **No Interference with Surrounding Development**: Describe how the proposed use will not hinder or interfere with the development or use of surrounding properties.

THE Result of the INCREASED FLOOR area of 17.24 square Feet will BE DIFFICULT FOR ANY NEIGHBOR to PERCEIVE. IT IS SO LOW to GRADE & most of the WALL is VISUALLY PROTECTED BY THE EXISTING 6' Fence TREES & Shrubs THAT ARE EXISTING.

3. **Adequate Public Facilities**: Describe how the proposed use will be served by streets, public utilities, police and fire service, drainage, refuse disposal, parks, libraries and other public services.

NOT APPLICABLE - NO CHANGE From PROPOSED USE.

4. **No Traffic Congestion**: Describe how the proposed use will not cause undue traffic and traffic congestion.

NO TRAFFIC EFFECTS WILL BE CAUSED BY proposed VARIATION.

5. **No Destruction of Significant Features**: Describe how the proposed use will not destroy or damage natural, scenic or historic features.

THE VARIANCE WILL ALLOW THE WATER DAMAGED ROOF & WALLS to be new WOOD WITH NEW roof AND HARDIE Concrete board SIDING. THE STRUCTURE WILL BE A REAR REPLICATION.

STANDARDS FOR TEXT AMENDMENTS

The wisdom of amending the Village Zoning Map or the text of the Zoning Code is a matter committed to the sound legislative discretion of the Village Board of Trustees and is not dictated by any set standard. In determining whether a proposed amendment will be granted or denied the Board of Trustees may be guided by the principle that its power to amend this title should be exercised in the public good.

TEXT AMENDMENT GUIDING PRINCIPLES:

In considering whether the principle is satisfied in amending the text of the Zoning Code, the Board of trustees may weigh, among other factors, the following:

1. **The consistency of the proposed amendment with the purposes of this title:**

THE REQUESTED VARIANCE will allow the existing home to be IN CONFORMANCE WITH THE ZONING regulation AND ALLOW the MODERNIZED HOME LAYOUT to be INCLUDED INTO A "LAKE BLUFF" COTTAGE TYPE HOME WITH A NEW METAL ROOF AND HARDIE BOARD CONCRETE SIDING BOARD FOR A LONG TERM; QUALITY IMPROVEMENT THAT ASSURES THAT THE HOME WILL BE PART OF THE COMMUNITY FOR A LONG TIME TO COME.

2. **The community need for the proposed amendment and any uses or development it would allow:**

THE COMMUNITY NEED TO ALLOW these unique "OLDER" HOMES to REMAIN INTACT AS THE CHARACTER OF THE HOUSE is special to THE CHARACTER OF LAKE BLUFF.

3. **The conformity of the proposed amendment with the village's comprehensive plan and zoning map, or the reasons justifying its lack of conformity:**

THE PROPOSED VARIANCE IS AT THE "HEART" OF THE PURPOSE OF THE COMPREHENSIVE PLAN to DIRECT GROWTH AND POLICY IN LAKE BLUFF that ALLOWS FOR HOMEOWNERS to CHOOSE THE PATH OF RE-MODELING OLD HOMES OF LAKE BLUFF RATHER THAN "TEAR DOWN" AND RE-BUILD thus PRESERVING the UNIQUE CHARACTER AND QUALITY of the VILLAGE.

APPLICATION MATERIALS

LEGAL DESCRIPTION - MUST BE PROVIDED

SEE ATTACHED SURVEY DATED MARCH 7, 2001, BY ROBERT R. HANSEN, ILLINOIS LAND SURVEYOR.

Required*

- ☒ Plat of survey including legal description.
- ☒ Evidence of title to property for which relief is sought or written documentation of contractual lease.
- ☒ Scale site plan showing building locations and dimensions.
- ☒ Scale site plan showing addition, new construction, modification, etc.
- ☒ Schematic drawings showing floor plan, elevations, and exterior mechanical equipment.
- ☒ Floor Area Calculation Table (if applicable)
- ☐ Other: _____

Optional

- ☐ Landscape Plan
- ☒ Photographs of subject property and surrounding properties.
- ☒ Testimony from neighbors is strongly encouraged. TO BE SUBMITTED.

*15 copies, no larger then 11x17, must be submitted

SIGNATURES

The undersigned hereby represent, upon all of the penalties of the law, for the purpose of inducing the Village of Lake Bluff to take the action herein requested, that all statements herein and on all related attachments are true and that all work here mentioned will be done in accordance with the ordinances of the Village of Lake Bluff and the laws of the State of Illinois. **The owner must sign the application.**

Owner **Signature:** _____ **Date:** 1-25-2016

Print Name: BRUCE H. DANLY
THE HORN DANLY

Applicant **Signature:** _____ **Date:** _____
(If other than owner)

Print Name: _____

Bruce and Jill Danly Family Residence

611 East Prospect Ave, Lake Bluff, IL 60044

A.

AREA of Home	Existing Square Footage	Proposed Square Footage	Proposed Added area
1st Floor	906 s.f.	1001 s.f.	
1st floor conversion (garage area to house area)	0 s.f.	18 s.f.	
Total 1st floor	906 s.f.	1019 s.f.	
Attached Single Car Garage	255 s.f.	160 s.f.	
2nd Floor	1036 s.f.	1036 s.f.	
Total house with attached garage	2197 s.f.	2215 s.f.	18 s.f.

B.

FAR Calculation

Lot Area (51.6 lf width * 84.90 depth)	4380.8 s.f.
FAR Calculations (4380.84*0.40)	1752.3 s.f.
Area of existing home over current FAR	444.7 s.f.
Area to add per plan to Gross Area Calculation	18 s.f.
Area of Variance requested including existing home plus proposed 18 sf added area for FAR	463 s.f.

C.

AREA of Front Yard Set back from Sidewalk (20 feet by 51.6) (NOTE: HARDSHIP)	1032 s.f.
FAR offset of such potential counting area (1032 * 0.40)	413 s.f.

D.

FAR Offet of detached garage bonus (NOTE: HARDSHIP)	440 s.f.

PLAT OF SURVEY

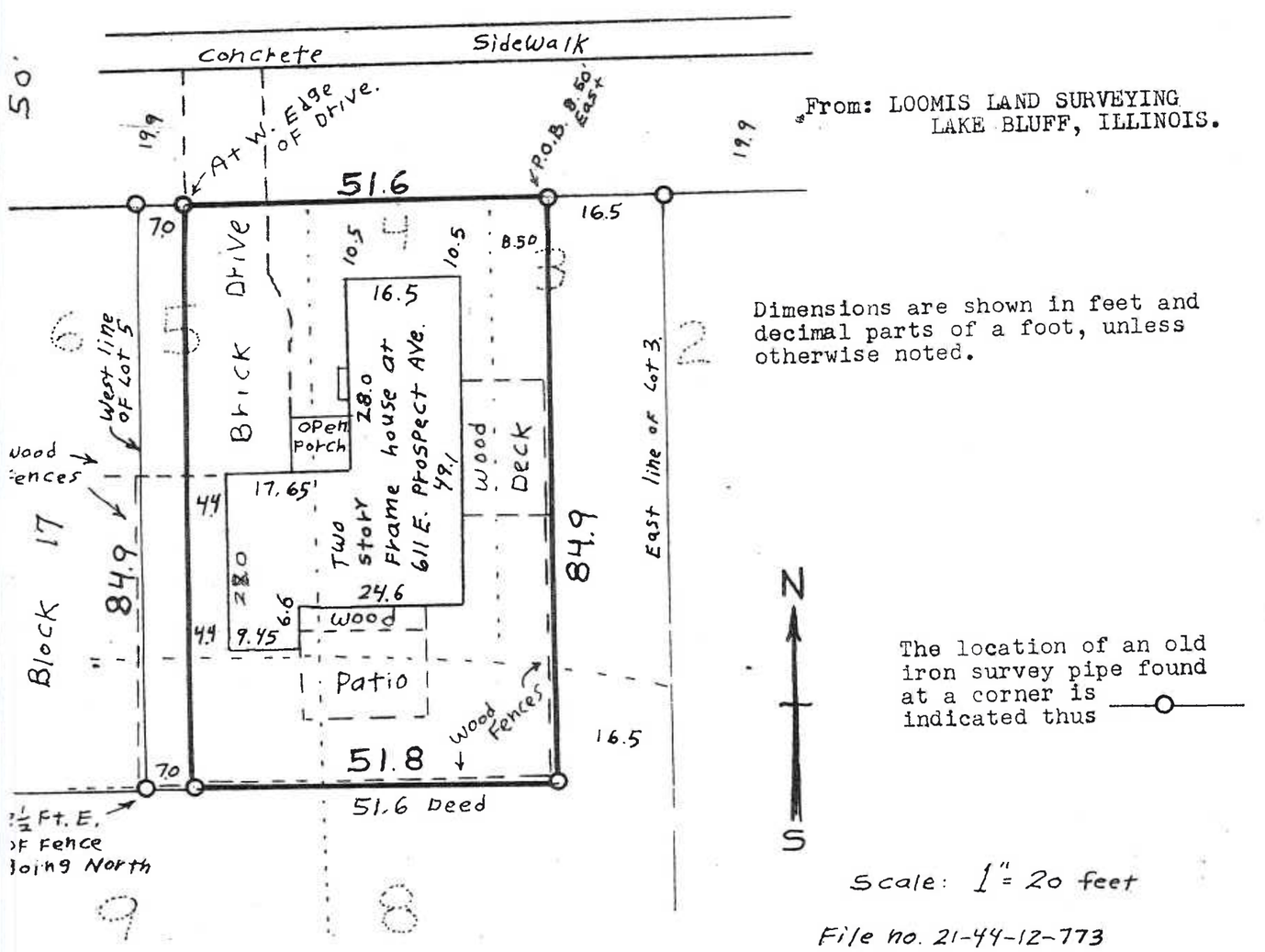
Those parts of lots 3, 4, and 5 in the outer circle of Lots in Block 17 of LAKE BLUFF, a subdivision of part of the N. ½ of Section 21, Township 44 North, Range 12 East of the 3rd P.M. according to the Plat thereof recorded March 15, 1877, as Document 16918, in Book "A" of Plats, page 95, and of those parts of Lots 8 & 9 in the PLAT OF RESUBDIVISION OF PARTS OF BLOCK 17 IN LAKE BLUFF, a subdivision of part of the N. ½ of Section 21, Township 44 North, Range 12 East of the 3rd P.M. according to the Plat of said RESUBDIVISION, recorded Oct.24, 1910, as Document 131943, in Book "H" of Plats, page 79, described as follows: Beginning at a point on the North line of said Lot 3, 8.50 feet East of the N.W. corner thereof; Thence South along a line 8.50 feet East of and parallel with the West line of said Lot 3, and with said West line produced straight South, 84.90 feet; Thence West along a line parallel with the North line of said Lots 3,4 and 5, 51.60 feet, more or less, to a line 7.00 feet East of and parallel with the West line of said Lot 5 and said West line produced straight South; Thence North along said line 7.00 feet East of and parallel with extended West line of lot 5, 84.90 feet to the North line thereof; and thence East along said North line of lots 5,4 and 3, 51.57 feet, more or less, to the point of beginning, in Lake County, Ill.

RECEIVED
JAN 27 2016
VILLAGE OF LAKE BLUFF

STATE OF ILLINOIS)
)S.S.
COUNTY OF LAKE)

I HEREBY CERTIFY THAT I HAVE SURVEYED, PLATTED AND LOCATED THE BUILDING ON THE LAND DESCRIBED IN THE ABOVE CAPTION, AND SHOWN CORRECTLY ON THIS PLAT. Dated at Lake Bluff, Illinois, on March 7, 2001.

Robert R. Hansen
Illinois Land Surveyor #1565



From: LOOMIS LAND SURVEYING
LAKE BLUFF, ILLINOIS.

Dimensions are shown in feet and decimal parts of a foot, unless otherwise noted.

N
S

The location of an old iron survey pipe found at a corner is indicated thus —o—

Scale: 1" = 20 feet

File no. 21-44-12-773
Order no. 3112

PERMIT SET FOR:

611 EAST PROSPECT, LAKE BLUFF, ILLINOIS 60044

SCOPE OF WORK: PHASE 1

- ONE FOOT, TEN INCH ADDITION TO REAR OF ATTACHED GARAGE
- REBUILD FIRE DAMAGED STRUCTURE
- PHASED PROJECT: PHASE 1 CONSISTS OF THE EXTERIOR CONSTRUCTION OF ADDITION OF MUD ROOM ROOM ONTO THE BACK OF A SINGLE-CAR GARAGE. PHASE 2 CONSISTS OF THE FUTURE BUILD OUT OF THAT MUD ROOM INCLUDING INTERIOR PLUMBING, ELECTRICAL, AND HVAC WORK IN A SEPARATE PERMIT.

CODE MATRIX

ITEM	ISSUE	CHAPTER/ ARTICLE	ORDINANCE REQUIREMENT	ACTUAL	LOCATION (DRAWING NO.)	AGENCY TEST NUMBER	REMARKS
INPUT >>	ZONING CRITERIA						
1.01	ZONING DISTRICT	-	R-4	R-4	N100	-	-

BUILDING CODES AND ZONING ORDINANCES

1. THIS PROJECT IS TO COMPLY WITH, AND HAS BEEN DESIGNED IN ACCORDANCE WITH THE FOLLOWING GOVERNING AUTHORITIES:
   A. 2012 INTERNATIONAL RESIDENTIAL CODE FOR ONE/TWO FAMILY DWELLING
   B. 2012 INTERNATIONAL ENERGY CONSERVATION CODE
   C. 2012 INTERNATIONAL MECHANICAL CODE
   D. 2011 NATIONAL ELECTRIC CODE
   E. ILLINOIS STATE PLUMBING CODE, 2004 EDITION
   F. 2012 INTERNATIONAL FIRE CODE
   G. 2012 INTERNATIONAL FUEL GAS CODE
   H. LAKE BLUFF, IL ZONING REGULATIONS
2. EXECUTE ALL WORK IN ACCORDANCE WITH LOCAL AND FEDERAL CODES, MANUFACTURER'S RECOMMENDATIONS, TRADE AND REFERENCE STANDARDS.

PROJECT CONTACT LIST

OWNER / CLIENT:

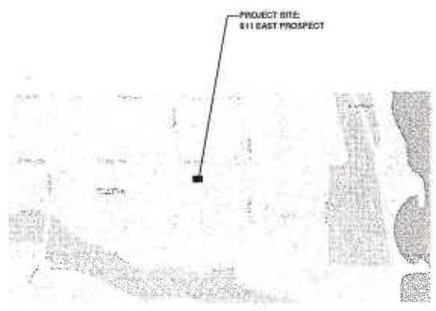
BRUCE AND JILL DANLY
611 EAST PROSPECT
LAKE BLUFF, ILLINOIS 60044
P: 847.977.2004
E: bdanly@mac.com, jilldanly@mac.com

RECORD ARCHITECT:

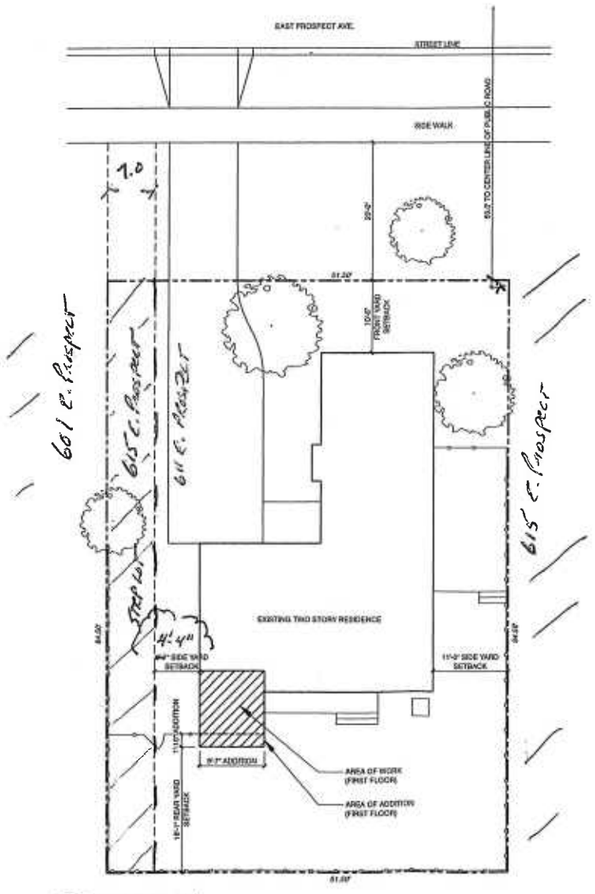
NATALIE L. CLEMENS
NATALIE L. CLEMENS, LLC.
14 EMERALD COURT
MORTON, IL 60044
P: 309.657.3737
F: 309.291.5119
E: natclem@gmail.com

SHEET INDEX

SHEET #	SHEET TITLE
AN100	TITLE PAGE
AN200	ANNOTATIONS, SYMBOLS, AND LEGENDS
AN300	GENERAL NOTES
AN400	SCHEDULES, DOOR DETAILS, WALL TYPES
A000	DEMOLITION PLANS
A100	CONSTRUCTION PLANS
A200	EXTERIOR ELEVATIONS



LOCATION MAP
SCALE: N.T.S.



01 PLOT PLAN
SCALE: 1" = 10'

ENERGY CONSERVATION CODE COMPLIANCE STATEMENT

I CERTIFY THAT I AM REGISTERED ENERGY PROFESSIONAL (REP). I ALSO CERTIFY THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF THAT THE ATTACHED PLANS FOR:

611 East Prospect

FULLY COMPLY WITH THE REQUIREMENTS OF INTERNATIONAL ENERGY CONSERVATION CODE, 2012 EDITION

NATALIE L. CLEMENS — DATE
ARCHITECT, IL LICENSE #001.022026

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ILLINOIS
NATALIE L. CLEMENS
REGISTERED ARCHITECT
001.022026
EXPIRATION DATE: NOVEMBER 30, 2016

THESE DRAWINGS HAVE BEEN PREPARED AT / OR UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF CONFORM AND COMPLY WITH THE REQUIREMENTS OF THE DEPARTMENT OF BUILDING AND CODES HAVING JURISDICTION.

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DANLY RESIDENCE

611 EAST PROSPECT
LAKE BLUFF, ILLINOIS 60044
PLOT DATE: 8.15.2015
PROJECT NUMBER: 15007

NO.	DATE:	DESCRIPTION:
1	09-12-15	ZONING VARIANCE
2	9.16	-
3	25'-0"	SIDE YARD DIMENSION
4		
5		
6		
7		
8		

SHEET TITLE
TITLE PAGE

SHEET NUMBER
N100

ABBREVIATIONS

ABV	ABOVE
AFF	ABOVE FINISH FLOOR
AC	ACCESSORIES
ACF	ACCESS FLOORING
AP	ACCESS PANEL
ACT	ACOUSTICAL TILE
AWT	ACOUSTICAL WALL TREATMENT
ADD	ADDITIONAL
ADJ	ADJUSTABLE
AGGR	AGGREGATE
A/C	AIR CONDITIONING
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
&	AND
ANOD	ANODIZED
∠	ANGLE
APPX	APPROXIMATE
AD	AREA DRAIN
ARCH	ARCHITECT(URE)(URAL)
ASB	ASBESTOS
ASPH	ASPHALT
@	AT
A/V	AUDIO-VISUAL
AUTO	AUTOMATIC
AUX	AUXILIARY
AVG	AVERAGE
BTB	BACK TO BACK
BQ	BANQUETTE
BM	BEAM
BN	BENCH
BLW	BELOW
BET	BETWEEN
BITUM	BITUMINOUS
BVL	BEVELED
BLK(G)	BLOCK(ING)
BD	BOARD
BC	BOOKCASE
BS	BOTH SIDES
BOT	BOTTOM
BRKT	BRACKET
BLDG	BUILDING
CABC	CABINET
CA	CARPET
CI	CAST IRON
CB	CATCH BASIN
CLG	CEILING
CEM	CEMENT
℄	CENTER LINE
C/C	CENTER TO CENTER
CT	CERAMIC TILE
CH	CHAIR
[	CHANNEL
CLR	CLEAR
CLO	CLOSET
CW	COLD WATER
CWS	COLD WATER SUPPLY
COL	COLUMN
COMB	COMBINATION
COMPR	COMPRESS/COMPRESSIBLE
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONN	CONNECT(ION)
CJ	CONSTRUCTION JOINT/
CJ	CONTROL JOINT
CONT	CONTINUOUS
CONT	CONTRACTOR
CONSTR	CONSTRUCTION
CORR	CORRIDOR
CTR	COUNTER
CTSK	COUNTERSUNK
CR	CREDENZA
D	DEPTH
DK	DESK
DET	DETAIL
DEPT	DEPARTMENT
DIAG	DIAGONAL
DIA/Ø	DIAMETER
DIM	DIMENSION
DW	DISHWASHER
DISP	DISPENSER
DISTR	DISTRIBUTION
DIV	DIVISION
DR	DOOR
DO	DOOR OPENING
DBL	DOUBLE
DN	DOWN
DS	DOWNSPOUT
DR	DRAWER
DWG	DRAWING
DF	DRINKING FOUNTAIN
DSP	DRY STANDPIPE
EA	EACH
E	EAST
EDF	ELECTRIC DRINKING FOUNTAIN
ELEC	ELECTRIC(AL)
EP	ELECTRICAL PANEL
EWC	ELECTRIC WATER COOLER
EL	ELEVATION
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
EQ	EQUAL
EQUIP	EQUIPMENT
EXH	EXHAUST
EXST	EXISTING
EJ	EXPANSION JOINT
EXP	EXPOSED
EXT	EXTERIOR
EXTD	EXTRUDED
FA	FABRIC
FAB	FABRICATION
FTP	FABRIC TACK PANEL
FWC	FABRIC WALLCOVERING
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOS	FACE OF STUDS
FT	FEET/FOOT
FC	FILE CABINET (METAL)
FIN	FINISH(ED)
FF	FINISHED FLOOR
FA	FIRE ALARM
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CAB
FHC	FIRE HOSE CABINET
FHV	FIRE HOSE VALVE
FP	FIRE PROOF(ING)
FT	FIRE TREATED
FIXT	FIXTURE
FLASH	FLASHING
FB	FLAT BAR
FL	FLOOR
FD	FLOOR DRAIN
FLMTD	FLOOR MOUNTED
FLUOR	FLUORESCENT
FT	FOOT OR FEET
FTG	FOOTING
FDN	FOUNDATION
FS	FULL SIZE
FURR	FURRING
F&I	FURNISH AND INSTALL
FUT	FUTURE
GA	GAGE/GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GL	GLASS/GLAZING
GB	GRAB BAR
GR	GRADE
GR	GRAPHICS
GND	GROUND
GRT	GROUT
GYP	GYPSUM
GYP BD	GYPSUM WALLBOARD
HCP	HANDICAPPED
HDW	HARDWARE
HDWD	HARDWOOD
HVAC	HEATING, VENTILATING & AIR CONDITIONING
HGT/H/HT	HEIGHT
HEX	HEXAGON(AL)
HC	HOLLOW CAB
HM	HOLLOW METAL
HB	HOSE BID
HORIZ	HORIZONTAL
HR	HOUR
HC	HOLLOW CORE
HW	HOT WATER
INCAND	INCANDESCENT
INCL	INCLUDE(D)(ING)
INFO	INFORMATION
ID	INSIDE DIAMETER/ INSIDE DIMENSION
INSUL	INSULATION
INT	INTERIOR
JAN	JANITOR
JT	JOINT
J-BOX	JUNCTION BOX
KPL	KICK PLATE
KIT	KITCHEN
KO	KNOCKOUT
LBL	LABEL
LAM	LAMINATE(D)
LA	LAMP
LAB	LABORATORY
LAV	LAVATORY
LQ	LACQUER
LE	LEATHER
LH	LEFT HAND
LS	LIBRARY SHELVING
LT(G)	LIGHT(ING)
LTWT	LIGHTWEIGHT
LF	LINEAR FOOT
LK	LOCKER
LG/L	LONG/LENGTH LOW PRESSURE
LP LAM	LAMINATE
MH	MANHOLE
MFR	MANUFACTURER
MAS	MASONRY
MO	MASONRY OPENING
ML	MATCH LINE
MATL	MATERIAL
MAX	MAXIMUM
MC	MEDICINE CABINET
MECH	MECHANICAL
MEMB	MEMBRANE
MTL	METAL
MID	MIDDLE
MW	MILLWORK
MIN	MINIMUM
MR	MIRROR
MISC	MISCELLANEOUS
MRB	MARBLE
MOD	MODULE
MLDG	MOULDING
MTD	MOUNTED
MTG	MOUNTING
MUL	MULLION
MP	MOVABLE PARTITION
N	NEW
NRC	NOISE REDUCTION COEFFICIENT
NOM	NOMINAL
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
NO/#	NUMBER
OBS	OBSCURE
OFF	OFFICE
OC	ON CENTER
OPG	OPENING
OPP	OPPOSITE
OPHD	OPPOSIDE HAND
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OA	OVERALL
OVHD	OVERHEAD
PA/PNT	PAINT
PTD	PAINTED
PR	PAIR
PNL	PANEL
PTD	PAPER TOWEL DISPENSER
PTD/R	PAPER TOWEL DISPENSER/RECEPTACLE (COMBINATION)
PTR	PRINTER
PTN	PARTITION
PED	PEDESTAL/STAND
⊥	PERPENDICULAR
PL	PLANT/PLANTER
PLAS	PLASTER
PLAM	PLASTIC LAMINATE
PL	PLATE
PLYWD	PLYWOOD
PT	POINT
POL	POLISHED
#/LB(S)	POUND(S)
PVC	POLY VINYL CHLORIDE
PSI	POUNDS PER SQUARE INCH
PRCST	PRECAST
QTY	QUANTITY
QT	QUARRY TILE
RAD	RADIUS
RWL	RAIN WATER LEADER
RTD	RATED
RCVG	RECEIVING
RECPT	RECEPTACLE
RECEP	RECEPTION
RWD	REDWOOD
REF	REFER/REFERENCE
REFL	REFLECTED
REFR	REFRIGERATOR
RGTR	REGISTER
R	RELOCATE
RA	RETURNED AIR
REINF	REINFORCE(D)(ING)
REQD	REQUIRED
RESIL	RESILIENT
RT	RESILIENT TILE
RB	RESILIENT BASE
REV	REVISION
RH	RIGHT HAND
RD	ROOF DRAIN
RM	ROOM
RO	ROUGH OPENING
RND	ROUND
RU	RUG
RUB	RUBBER
SND	SANITARY NAPKIN DISPENSER
SNT	SEALANT
SCHED	SCHEDULE(D)
SCD	SEATR COVER DISPENSER
STG	SEATING
SECT	SECTION
SERV	SERVICE
SK	SERVICE SINK
SHT	SHEET
SH	SHELF
SHR	SHOWER
SIM	SIMILAR
SD	SMOKE DAMPER
SD	SOAP DISPENSER
SC	SOLID CORE
STC	SOUND TRANSMISSION CLASS
S	SOUTH
SPEC	SPECIFICATION/SPECIAL
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STA	STATION
SNT	SEALANT
STL	STEEL
SO	SOFA
ST	STONE
STOR	STORAGE
STRUC	STRUCTURAL/STRUCTURE
SUP	SUPPORT
SURF	SURFACE
SUSP	SUSPENDED
SW	SWITCH
SYM	SYMMETRICAL
TA	TABLE
TB	TACKBOARD
TEL	TELEPHONE
TV	TELEVISION
TEMP	TEMPERATURE
TER	TERRAZZO
THK	THICK(NESS)
THRES	THRESHOLD
TPD	TOILET PAPER DISPENSER
T&G	TONGUE AND GROOVE
TC	TOP OF CURB
TP	TOP OF PAVEMENT
TOS	TOP OF SLAB
TW	TOP OF WALL
TB	TOWEL BAR
T/TRD	TREAD(S)
TYP	TYPICAL
UC	UNDERCUT
UL	UNDERWRITERS LABORATORY
UNFN	UNFINISHED
UNIF	UNIFORM
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
UTIL	UTILITY
VB	VAPOR BARRIER
VAR	VARIE(S)(D)
VERT	VENEER
VIF	VERIFY IN FIELD
VERT	VERTICAL
VAB	VINYL ASBESTOS TILE
VCT	VINYL COMPOSITION TILE
VWC	VINYL WALL COVERING
VEST	VESTIBULE
WSCT	WAINSCOT
WTW	WALL TO WALL
WC	WATER CLOSET
WH	WATER HEATER
WP	WATERPROOF
WGT/WT	WEIGHT
W	WIDTH/WEST
WNW	WINDOW
WW	WINDOW WALL
WT	WINDOW TREATMENT
W/	WITH
W/O	WITHOUT
WD	WOOD/WOOD VENEER
WDB	WORK STATION/WOOD BASE
YD	YARD

SYMBOLS-ARCHITECTURAL

ROOM NAME — ROOM NAME / TITLE
101 — ROOM NUMBER / DESIGNATION
ROOM NAME — ROOM NAME / TITLE
101 — ROOM NUMBER / DESIGNATION
ROOM NAME / ROOM NAME — ROOM TRANSITION
COLUMN GRID DESIGNATION

EXTERIOR ELEVATION KEY
- ELEVATION NUMBER
- SHEET NUMBER

INTERIOR ELEVATION KEY
- ELEVATION NUMBER
- SHEET NUMBER

DETAIL KEY / ENLARGED PLAN KEY
- DETAIL NUMBER
- SHEET NUMBER

SECTION DETAIL
- SECTION NUMBER
- SHEET NUMBER

SECTION DETAIL
- SECTION NUMBER
- SHEET NUMBER

FINISH TRANSITION
WALL TYPES
WINDOW TAG
DOOR TAG
FINISH TAG
KEY NOTE
MECHANICAL TAG
CEILING HEIGHT
ELEVATION DATUM
REVISION TAG

RIGID INSULATION
INSULATION (SOUND BATT OR FOIL FACED MINERAL FIBER)
GYPSUM BOARD
ALUMINUM
STEEL
BRONZE
GLASS
EARTH/COMPACT FILL
CONCRETE
MASONRY
NEW PARTITION WALL
EXISTING PARTITION WALL

SYMBOLS - CIVIL

TRAFFIC DIRECTION
EXISTING FENCE TO BE REMOVED
NEW WOOD FENCE
NEW WROUGHT IRON FENCE
FROST-PROOF HOSE BIBB
EXISTING UTILITY POLE
NEW CABLE TV
NEW WATER SERVICE
EXST ELECTRICAL SERVICE
NEW TELEPHONE SERVICE
EXST NATURAL GAS LINE
SEWER SERVICE
EXISTING WATER METER (TO BE REPLACED)
EXISTING GAS METER (TO BE REPLACED)
EXISTING ELECTRIC OVERHEAD SERVICE (TO REMAIN)
EXISTING TELECOMMUNICATIONS BOX (TO BE REPLACED)
EXISTING CABLE TELEVISION BOX (TO BE REPLACED)
EXISTING TREE TO BE REMOVED
EXISTING SHRUB TO BE REMOVED
EXISTING TREE TO REMAIN
NEW TREE -SEE SCHEDULE FOR DETAILS
NEW SHRUB -SEE SCHEDULE FOR DETAILS
EXISTING POINT ELEVATION (PLAN)
NEW OR REQUIRED POINT ELEVATION (PLAN)
EXISTING CONTOURS ELEVATION NOTED ON HIGH SIDE
NEW CONTOURS ELEVATION NOTED ON HIGH SIDE
NEW CONCRETE PAVING
EXISTING CONCRETE PAVING TO BE REMOVED
NEW SOD LANDSCAPE
NEW MASONRY PAVER
NEW PERMEABLE PAVER
NEW ASPHALT PAVING
PERMANENT STRUCTURE

SYMBOLS - ELECTRICAL

INDICATES MOUNTING HEIGHT ABOVE FINISHED FLOOR OR ABOVE FINISHED GRADE TO CENTER OF DEVICE
SINGLE POLE SWITCH - SMALL LETTER INDICATES DEVICE SWITCHED
THREE-WAY POLE SWITCH
FOUR-WAY POLE SWITCH
DIMMER SWITCH
SWITCH IN WEATHERPROOF ENCLOSURE
DUPLEX RECEPTACLE OUTLET
QUADRUPLEX RECEPTACLE OUTLET
DUPLEX RECEPTACLE OUTLET - 220 VOLT CIRCUIT
DUPLEX RECEPTACLE OUTLET WITH GROUND FAULT CIRCUIT INTERRUPTER
DUPLEX RECEPTACLE OUTLET WITH ARC FAULT - INTERRUPTER
DUPLEX RECEPTACLE OUTLET - FLUSH IN FLOOR BOX
DUPLEX RECEPTACLE OUTLET - FLUSH IN CEILING
DUPLEX RECEPTACLE OUTLET - SWITCHED
DUPLEX RECEPTACLE OUTLET - ISOLATED GROUND
DUPLEX RECEPTACLE OUTLET - DEDICATED CIRCUIT
INTERCOM
TELEVISION OUTLET - CABLE / SATELITE
WALL MOUNTED JUNCTION BOX
CEILING MOUNTED JUNCTION BOX
FLOOR MOUNTED JUNCTION BOX
DIRECT ELECTRICAL CONNECTION - "WHIP"
TELEPHONE OUTLET
TELEPHONE OUTLET - FLOOR MOUNTED
TELEPHONE OUTLET - CEILING MOUNTED
DATA / LAN OUTLET
TELEPHONE / DATA / LAN OUTLET
WALL MOUNTED SPEAKER
FLUSH CEILING MOUNTED SPEAKER
MICROPHONE RECEPTACLE - WALL MOUNTED
MOTION SENSOR - WALL MOUNTED
MOTION SENSOR - CEILING MOUNTED
SMOKE DETECTOR
CARBON MONOXIDE DETECTOR
HEAT DETECTOR
EXIT SIGN - WALL MOUNTED
EXIT SIGN - CEILING MOUNTED
FIRE ALARM - HORN
FIRE ALARM - BELL
FIRE ALARM - HORN AND STROBE
FIRE ALARM - STROBE
FIRE ALARM - PULL STATION
EMERGENCY LIGHTING FIXTURE
RECESSED LIGHT FIXTURE - "F" INDICATES FITURE TYPE
LIGHT FIXTURE - CEILING MOUNTED
LIGHT FIXTURE - WALL MOUNTED
LIGHT FIXTURE - DIRECTIONAL RECESSED
LIGHT FIXTURE - UNDER CABINET STRIP
LIGHT FIXTURE - TRACK
FLOURESCENT LIGHT FIXTURE
FLOURESCENT LIGHT FIXTURE ON 24 HR CIRCUIT
CEILING FAN WITH LIGHT
EXHAUST FAN - CEILING MOUNTED
ELECTRICAL PANEL

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NATALIE L. CLEMENS
REGISTERED ARCHITECT
[illegible]
EXPIRATION DATE: NOVEMBER 30, 2016

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DANLY RESIDENCE

611 EAST PROSPECT
LAKE BLUFF, ILLINOIS 60044
PLOT DATE: [illegible]
PROJECT NUMBER: 15087

NO.	DATE:	DESCRIPTION:
1	08-19-15	ZONING VARIANCE
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-

SHEET TITLE:
ANNOTATIONS, SYMBOLS, AND LEGENDS

SHEET NUMBER:
N200

DUTY TO INDEMNIFY

The Contractor shall defend, indemnify, keep and save harmless the Building Owner and Architect and their representatives, agents and employees in both individual and official capacities, against all suits, claims, damages, losses and expenses, including attorney's fees, caused by, growing out of, or incidental to the performance of the work under the contract by the Contractor or its Subcontractors to the full extent as allowed by the State of Illinois and not beyond any extent which would render these provisions void or unenforceable.

This obligation includes but is not limited to: the Illinois laws regarding structural work (Ill. Rev. Stat. Chap. 48, Par. 60 et seq.) and regarding the protection of adjacent landowners (Ill. Rev. Stat. Chap. 17-1/2, Par. 51 et seq.). In the event of any such injury (including death) or loss or damage, or claims therefore, the Contractor shall give prompt notice to the Owner.

GENERAL CONDITIONS

1. Conditions existing at the time of inspection for bidding purposes will be maintained by the owner insofar as practical.
2. Do not close off or obstruct driveways, streets, walks or other occupied or used facilities without permission from authorities having jurisdiction. Provide alternate routes around closed or obstructed traffic ways if required by governing regulations.
3. Contractor and subcontractor shall immediately notify the owner and architect of any change of the agreed upon scheduling of operations, methods of operations and the removal of debris.
4. Contractors shall observe the provisions of all local and other ordinances or regulations governing the work of their respective trades. These ordinances are hereby made of these specifications.
5. Each contractor shall include all labor, materials, tools, equipments, etc., for the complete construction of work indicated and specified by the drawings and specifications.
6. All plumbing, mechanical, and electrical work is to be coordinated between the trades affects. No plumbing, mechanical, or electrical informations is to be scaled from these drawings.
7. Owner shall carry fire, builder's risk and extended coverage insurance on all materials on his property that are worked into or are to be worked into the building unless otherwise provided in the contract. Contractor shall be listed as additional insured during period of construction. Owner shall submit certificate of insurance to General Contractor.
8. Contractor shall be required to carry all necessary compensation insurance as required by the Workers Compensation Act of the State of Illinois, Liability insurance to protect the owner from all claims for damage or injury to the public, workmen, or property during the course of construction. General Contractor shall submit certificate of insurance to Owner.
9. Each Contractor shall be responsible for the care and protection of his material other than from fire, until it is worked into the building and shall make good any damage due to failure to comply with these requirements without additional cost to Owner.
10. Each Subcontractor shall provide and pay for any required permits, bonds, etc. necessary in the performance of his contract. Subcontractors bidding on this work shall be required to examine the site of proposed construction and ascertain conditions under which work is to be done. All proposals shall be made in accordance and no claims for extra work due to conditions of the site will be allowed after contracts are let.
11. All work is to be performed in a first class and workmanlike manner and in accordance with manufacturers' specifications.
12. Contractors accept these specifications and the accompanying drawings as covering all the work of their respective trades necessary to complete the work according to the true intent and purpose of these documents and so agree to execute the work.
13. Anything shown on these drawings, though not particularly mentioned in the specifications or vice-versa shall be considered part of the work to be performed under this contract.
14. General Contractor shall at all times keep the premises free from the accumulation of debris resulting from the work of his trades and subtrades.
15. Claims for extra work due to lack of cooperation between the trades shall be adjusted between the trades affected without additional cost to the Owner. No claims for extra work shall be allowed unless ordered by the Owner in writing.
16. Contractor shall provide owner with all written warranties furnished to him by Subcontractors and material suppliers.
17. The Owner without invalidating his contract may order changes in the work consistent with additions, deletions, or modifications and the contract sum will be adjusted accordingly. All such changes in the work shall be authorized by written change order.
18. Contractor shall correct any work that fails to conform to the requirements of the contract documents where such failure to conform during the progress of the work shall remedy any defect due to faulty materials, equipment, or workmanship which appear within a period of one year from the date of Occupancy Permit issued by the local building authorities. The provisions of this paragraph apply to work done by Subcontractors as well as to work done by direct employees of the General Contractor.
19. Contract agreement between General Contractor and Owner shall be AIA Document A107, Abbreviated Form of Agreement Between Owner and Contractor (Stipulated Sum), Latest Edition, along with AIA Document A201, General Conditions of the Contract for Construction.

GENERAL NOTES - ALL TRADES

1. Owner(s) and/or contractors shall carefully examine the drawings and specifications, visit the site of the work, and fully inform him/her self as to all conditions and matters that can, in any way, affect the work or the cost thereof. Should this owner(s) and/or contractors find discrepancies in, or omissions from the drawings, specifications or any other documents, or should he be in doubt as to their meaning, he shall notify the architect at once and obtain clarification prior to submitting any bid.
2. Contractor is to notify Architect of any discrepancies between drawings and jobsite conditions, and is not to proceed with the work until he has received a determination from the Architect.
3. Where utilities are to be disconnected or interrupted, the contractor shall give the building owner/manager forty-eight (48) hours advance notice.
4. All work shall be accomplished in conformance with all applicable federal, state and local codes and requirements.
5. All trades to provide all labor and materials necessary for completion of the work.
6. Each contractor shall protect his work until final acceptance by the owner. Contractors shall pay for, repair or replace damaged or defective work.
7. Each trade shall be responsible for clean-up and removal from the job site all debris and excess material at the end of each day.
8. Each trade shall be responsible for and shall be fully coordinated with the work of others as described elsewhere in this drawing set.
9. All work is to be performed in strict accordance with all applicable building and zoning regulations of the project site.
10. Do not scale drawings.
11. All dimensions on construction plans are from face of stud to face of stud, or from face of existing concrete (gypsum board) wall to face of stud, unless otherwise noted.
12. Ceiling heights as indicated on interior elevations and/or building sections are from finished floor.
13. New finished flooring material surfaces are to align with existing adjacent hard surface finish floors, unless otherwise noted.
14. All finished floor surfaces are to align.
15. All wall surfaces are to be one layer 5/8" gypsum wallboard (or 5/8" Georgia Pacific Dens-Shield tile backer) (or 5/8" USG Durock tile backer board) over stud construction as shown, screw and glue installation, taped and sanded smooth, ready to receive paint or wall covering by Painting Contractor.
16. Unless otherwise noted, all floor, wall, and ceiling surfaces to receive ceramic or stone material are to be one layer Durock cementitious tile backer board over stud construction, screw and glue installation, ready to receive ceramic or stone material.
17. New (and resurfaced) ceiling surfaces are to receive one layer 5/8" gypsum wallboard, glued and screwed to framing, sanded smooth, ready to receive paint by painting contractor.
18. Provide new batt insulation within all wall and ceiling framing exposed to exterior. See insulation specifications.
19. Provide sound batt insulation within all walls separating bathrooms and bedrooms from adjacent rooms and spaces. See insulation specifications
20. Changes in floor materials are to occur at centerline of door thicknesses, when doors are in closed position, unless otherwise noted or shown.
21. The intention is that all new floor surfaces are to be flush and aligned with existing adjacent finished floor surfaces. Provide reducer thresholds as required where adjacent floor surfaces cannot be exactly flush and aligned.
22. Provide headers, blocking, and framing as required for support of all electrical fixtures, shelving, cabinetwork, millwork, duct registers, wall mounted bath accessories, etc.
23. No substitutions for any specified items will be permitted without Architect's approval prior to procurement.
24. Contractor is to submit construction schedule to owner after contract is awarded and is to periodically update the schedule during the progress of construction.
25. Contractor is responsible for verifying with J.U.L.I.E. (Joint Utility Locating for Excavators) outside Chicago city limits 1-800-892-0123 (Website: www.julie1call.com) In Chicago: DIGGER (Chicago Utility Alert Network) 312-744-7000, locations of all underground utilities prior to excavation and any necessary relocation of such utility lines is to be estimated as part of the bid proposal.
26. Electrical and Plumbing Contractors are to coordinate with cabinet installer.
27. The Architect and the Structural Engineer shall not be responsible for the means, methods, procedures, techniques or sequences of construction, nor for safety on the job site, nor shall the Architect and the Structural Engineer be responsible for the Contractor's failure to carry out the work in accordance with the Contract Documents.

GENERAL NOTES

1. All dimensions on drawings to be checked by the general contractor; any discrepancies are to be reported to the architect immediately.
2. Unless otherwise noted, all details, sections, and notes on the drawings are intended to be typical for similar situations elsewhere.
3. These drawings are not to be used for shop detailing. These drawings are not to be reproduced for the purpose of using them as shop drawings.
4. Contractor is to assume full responsibility, unrelieved by review of shop drawings or periodic observation of construction, for compliance with the contract documents, for dimensions to be confirmed and correlated on the job site and between individual drawings or sets of drawings for fabrication processes and construction techniques including shoring, scaffolding, bracing, erection, formwork, etc., for coordination of the various trades, and for safe conditions on the job site. Variations in field conditions relative to the contract documents shall be reported to the architect. Work shall not progress until written permission from the architect is obtained.
6. All interior wall and ceiling finishes and trim shall be class "1" flame spread rating.

GENERAL NOTES - EXCAVATION AND SITEWORK

1. Site excavation shall be in accordance with soils engineer recommendations and reviewed and approved by the authorities having jurisdiction.
2. Excavations shall be of sufficient size to allow for installation and removal of forms. Bottoms of excavations shall be on firm undisturbed soil.
3. The excavation contractor shall provide pumping where necessary for completion of its work. Upon completion of excavation, the concrete contractor shall be responsible for pumping necessary to the work.
4. All excavation, waterproofing, and drain tile work is to be performed by experienced contractors in accordance with codes and regulations of the authorities having jurisdiction and in accordance with manufacturer's recommendations.
5. Tuff-N-Dri spray applied waterproofing membrane and Warm-Dri drainage and rigid fiberglass insulation board manufactured by Owens-Corning. Installation to be performed in accordance with manufacturer's recommendations by experienced contractors.

CONCRETE

1. Establish grades and set stakes for excavation.
2. Care shall be taken not to undermine existing footings.
3. Excavate by hand for all foundation footings.
4. Concrete shall be ready-mix delivered to the job site. Mix shall be six (6) bags of cement per cubic yard.
5. At exterior faces of new foundation walls, install Tuff-N-Dri exterior foundation two-component waterproofing system consisting of Tuff-N-Dri spray applied waterproofing membrane and Warm-Dri drainage and rigid fiberglass insulation board manufactured by Owens-Corning. Installation to be performed in accordance with manufacturer's recommendations by experienced contractors.
6. All footings shall be on undisturbed soil or approved compacted fill, either of which must have a bearing capacity of 2,000 P.S.F. Compaction reports shall be reviewed and approved by the authorities having jurisdiction.
7. All concrete work shall be in accordance with the "American Concrete Institute Building Code" (ACI 318-83), and with "Specifications for Structural Concrete for Buildings" (ACI 301).
8. Unless otherwise shown or noted, all concrete work shall contain minimum reinforcement as required by ACI 318-83.
9. Concrete stresses used in design: All concrete shall attain 3000 psi 28 day ultimate compressive strength, unless otherwise noted on drawings.
10. Reinforcement grades: Bar reinforcement shall conform to ASTM A-615, Grade 60. Welded wire fabric shall conform to ASTM A-185.
11. All embedment lengths and laps shall be as required by ACI318-83. See drawing for splice type and class. Unless otherwise noted, minimum lap to be 36 bar diameters.
12. Place two (2) #5 bars, (one each face), with 2'-0" projection around all openings in concrete, unless otherwise shown or noted.
13. Provide all accessories necessary to support reinforcement at positions shown on plan and details. Plastic coated accessories shall be used in all exposed concrete work.
14. Corner bars shall be provided at all wall corners, equal to the horizontal wall reinforcement.
15. The general contractor shall be responsible for coordinating the location and placement of all inserts, sleeves, duct work, and anchor bolts that are required by the architect and/or equipment, etc.
16. No aluminum of any type shall be allowed in the concrete work, unless coated to prevent aluminum-concrete reaction. This includes pumping through aluminum pipe.
17. All reinforcing shall be bent cold. Do not apply heat.
18. Miscellaneous concrete:
    Unless otherwise shown or noted, all miscellaneous concrete slabs and fill concrete shall be minimum 4" thick. Concrete for the above and for curbs and gutters shall contain 6% air-entrainment with 6 bags of cement minimum and 0.55 maximum water/cement ratio, properly cured for a minimum of 7 days. Expansion joints of 1/2" thickness shall be provided at uniform intervals of not more than 40 feet and where concrete abuts differing elements. Control joints at least 1-1/2" deep, minimum 1/4" wide, properly caulked with polyurethane sealant, shall be provided to limit areas of concrete to a maximum of 400 square feet for interior slabs, and 250 square feet for all other slabs, square as far as feasible. Provide 6x6-W1.4xW1.4 welded wire fabric placed 1-1/2" clear of top of concrete. Subgrade to be minimum 6" sand compacted to 75% relative density obtained in accordance with ASTM D 4253 and D 4254(cohesionless soils), until final grade is obtained.

MASONRY

1. Provide and install new brick veneer to match and be patched into existing brick at door and window openings being closed in.
2. Furnish and construct all scaffolding necessary for all masonry work.
3. Furnish and install all mortar materials, ceiling beds, waxed rope wicks and membranes built into masonry work.
4. Furnish and install all clips, straps, anchors and reinforcing steel for masonry work.
5. Install steel lintels and angles provided by General Contractor (or Steel Fabricator) to be built into masonry work.
6. All materials on the job shall be stored and handled so as to prevent inclusion of any foreign materials in the work, and to prevent any damage from the weather or ground.
7. Manufactured materials, such as lime and cement, shall be delivered and stored in the original containers. Material in broken containers or in packages showing water marks or other evidence of damage will be wholly rejected.
8. Masonry Materials shall conform to the following ASTM specifications.
    a. Brick: ASTM C 216 (Face brick)
    b. Hollow load bearing CMU: ASTM C 90, Grade N1.
    c. Solid Load bearing CMU: ASTM C 145, Grade N1.
    d. Mortar: ASTM C 270, Type N.
    e. Masonry reinforcement: ASTM A 82 - Galvanized.
12. Mortar Materials
    a. All cement, except as otherwise noted, shall be portland cement conforming to the "Standard Specifications for Portland Cement" (ASTM C-150).
    b. All sand shall be clean, sharp sand, free from loam, acids, alkalies, soluble salts, clay and organic matter, conforming to ASTM C-144.
    c. Hydrated lime shall conform to ASTM C-207 and must be at least 92% hydrated.
    d. Mortar, unless otherwise noted, shall be composed of one part Portland Cement and three parts sand (by volume) to which may be added not more than 1/10 part hydrated lime or lime putty to the combined cement and sand. Mortar shall be prepared in conformance with ASTM C-270, type N mortar.
    e. Mix mortar with the minimum amount of water consistent with workability to provide maximum tensile bond strength within the capacity of the mortar. Mortar must be discarded if 2 hours lapse after mixing.
    f. No antifreeze compound or admixtures will be permitted in the mortar.
    g. Mortar for limestone shall be Portland Cement, of non-staining color to match stone, prepared per requirements of "Indiana Limestone Institute of America" specifications.
    h. Color of mortar is to match existing mortar as closely as possible, submit mortar color sample to owner for approval.
13. Metal and Miscellaneous Masonry Materials
    a. All clips, straps, anchors, etc., necessary for masonry work shall be made of galvanized steel or non-corroding metal.
    b. Rods for wall reinforcing shall be standard steel reinforcing bars.
    c. All caulking for masonry work shall be Thiokol or approved equal, color to be approved by owner.
14. Workmanship
    a. All masonry work shall conform with all requirements of applicable local building codes.
    b. All work shall be constructed with all walls of thickness shown, laid true to line, with jointing level, with uniform thickness and coursing and with corners plumb and square. Unless otherwise noted or shown, use closers at outer corners, and at jambs of openings and ledges. Do not use warped, chipped or otherwise defective masonry units, where defects exceed ASTM tolerance.
    c. Spread mortar smoothly, or slightly furrowed to completely fill all vertical and horizontal joints (except for concrete block work), to provide a weather-tight masonry work.
    d. Provide all anchors, ties, and other accessories required for anchorage of masonry.
    e. All courses of brick work shall be kept level and the bonds shall be accurately preserved. When necessary to bring any course to the required height, clipped courses shall be formed, and in no case shall any mortar joints in the brick work exceed 5/8". All work shall be laid to a line and each tier kept plumb.
    f. When temperatures are at or near freezing, provide equipment and fuel to heat masonry materials and maintain freshly placed masonry at a minimum temperature of 50° F for forty-eight hours after placement.
    g. All masonry materials shall be thoroughly wetted before being laid.
    h. Exposed joints in all exterior work shall match existing joint widths unless otherwise shown or noted on Drawings. Horizontal and vertical joints shall be concave. All brick shall be set in running bond.
    i. Furnish and install waxed rope wicks at course of brick just above skirt flashing and close up opening around wicks to prevent insects from entering weep holes. Provide correct length on each wick to insure proper drainage of cavity behind face brick.
    j. Contractor shall point all defective joints and clean all exposed masonry surfaces with soap powder and clean water applied with a stiff fiber brush and again wash with plain, clean water. Hard lumps of mortar shall be removed with wood paddles.
    k. Masonry shall be properly protected against damage from subsequent building operations both before and after cleaning operation.
    l. Remove all mortar drippings from floors and other surfaces and broom clean areas free of all mortar materials, concrete blocks and all other materials involved in masonry operation.

CARPENTRY

1. Framing lumber for stud walls shall be 2x4 or 2x6 stud grade kiln dried pine or fir. Maximum allowable moisture content of lumber shall be 19%. Minimum lumber class grades shall be Douglas - Fir Larch #2 or better or southern pine #2.
2. New and patched sub-flooring material where it occurs, shall be 3/4" thick CD plywood with fortified glue lines, glued and nailed to floor joists.
3. All exterior wood trim is to be number 2 grade white pine, except as otherwise noted.
4. Provide blocking within walls for duct registers, millwork, bath accessories, and all recessed items.
5. Provide and install all new interior doors, frames, jamb panels, and hardware as specified.
6. New interior door frames, wood stops for doors, and cased openings are to be fabricated with 3/4" solid wood, species as specified or noted.
7. All new wood framed openings shall be framed with double headers and double sides.
8. Repair or replace existing damaged bridging where required.
9. Minimum nailed connections for wood framing members shall be as outlined below unless otherwise noted on the drawings.

Building Element	Nail Type Number & Distribution
Studs and Plates	
Stud to Sole Plate	Toe-Nail 4-8d or 2-16d (direct)
Stud to Cap Plate	Toe-Nail 2-16d
Double Studs	Direct 16d @ 12" o.c. or 16d @ 24" o.c.
Corner Studs	Direct 16d @ 24" o.c.
Sole Plate to Joist or Blocking	Direct 16d @ 16" o.c.
Double Cap Plate	Direct 16d @ 16" o.c.
Cap Plate Laps	Direct 2-16d
Joists	
Floor Joists to Sill or Girder	Toe-Nail 3-16d
Joists (laps over partition)	Direct 3-16d
Bridging to Joists	Direct 2-8d each end
Headers and Girders	
Built-up Girders and Beams	Direct 2-20d @ 16" o.c.
Continuous Double Header	Direct 2-16d @ 16" o.c.

HIP RAFTER & RIDGE BEAMS

2X14 OR 1 3/4"X 14"LVL

Note: Cinch all ends of rails, which project from wood members when direct nailing is indicated. All nails shown to be common unless otherwise noted.

Contractor shall supply and install all accessories (hangers, plates, brackets, etc.) required to safely frame structure. Accessories shall be as manufactured by Simpson strong tie connectors or equivalent.

10. Set all new exterior replacement windows within existing openings.
11. Provide furring, shims, and blocking as required so that ceiling and wall surfaces are level, plumb, true, and even.
12. Caulk around all exterior wood and metal frames with caulking cement. Caulking shall be installed with first-class workmanship and in accordance with manufacturer's specifications.
13. It is the intention that all new finished floor surfaces are to align as closely as possible with existing adjacent floor surfaces to remain. Provide underlayments as required to build up floor surfaces to achieve aligned finished floor surfaces.
14. At existing floor locations to receive carpet, nail, screw, or otherwise secure existing strip flooring to substrates and structure so the all squeaks and creaks are eliminated prior to carpet installation.
15. Woodwork of finished carpentry shall have a fine, smooth finish and shall be free of machine or tool marks, abrasions, raised grain, etc. Exposed ends of finished woodwork shall be sanded smooth. Set exposed nail heads for putty.
16. Hang doors with not greater than 1/8" tolerance between door edges and frames. Doors shall operate, close, latch, and open smoothly and freely. Undercut doors as required for carpeting (verify thickness with owner).
17. Corners of all trim are to be mitred. Running trim shall be in long lengths and joined only where solid fastening can be made. Carefully scribe woodwork to other adjacent work
18. New wall construction within existing wall construction shall match thickness of existing wall exactly.
19. Contractor is to locate all new ceiling framing so as not to interfere with new recessed lighting locations- see Electrical Plans.
20. All exterior deck work and stairs are to be fabricated with treated lumber. Decking material is to be 3/4 x 6 treated lumber.
21. Lattice is to be heavy cedar square lattice. All cedar is to be No. 2 grade, shop treated with Cabots (or approved equal) weathering stain and bleaching oil in 50%-50% mixture.

EXTERIOR DOORS, GARAGE DOOR, WINDOWS, AND SKYLIGHTS

1. Glazing for all units to be Low-E, argon-filled Insulshield or equal. Operating sashes are to receive screens (All operating sashes are to have full-size black fiberglass insect screens). Typical units are to include frames, jamb extenders, and brick mould as required.
2. All window units are to be installed by general contractor in accordance with manufacturer's specifications.
3. General contractor is to provide and install 1/4"+/- square edged wood jamb liners as required at each window location to accommodate wall construction thickness including 5/8" gypsum wallboard interior surface.
4. Provide and install overhead garage door, complete with door stops and door hardware. Selection by owner. Install in accordance with manufacturer's specifications.
5. Exterior entrance doors shall be as selected by the owner. Manufacturer to provide all hardware including locks, metal threshold, and weatherstripping.
6. All exterior door frames shall be 1-3/4" thick clear white pine securely anchored to walls.
7. Provide tempered glass in all patio doors and entry sidelites and where otherwise required by code.
8. Door and window infiltration shall be in accordance with all codes.
9. Overhead doors shall be 1-3/4" thick with vinyl weather seal at bottom edge and with torsion spring counter-balances.

INSULATION

1. Install new thermal batt insulation. Thermal batt insulation shall be Owens-Corning fiberglass standard building batts, R-19, 5-1/2" installed thickness with vapor barrier towards interior face at 2 x 6 construction and R-13(+5), 3-1/2" installed thickness at 2 x 4 construction, with +5 attained through insulated siding and sheathing. Otherwise R-20. (R-value of thermal batt insulation shall be equal to or better than existing insulation being replaced)
2. Provide and install Owens-Corning fiberglass R-30, 9 1/2" unfaced ceiling batts between ceiling joists for sound attenuation between dwelling units. Total R-value to equal R-49.
3. Provide and install Owens-Corning fiberglass R-38 ceiling batts (or two layers of R-19 ceiling batts: one with vapor barrier and one without) with vapor barrier towards interior face between all ceiling joists above which heated habitable spaces do not occur. Total R-value to equal R-49.
4. Provide and install 1" rigid styrofoam rigid insulation between turned 2 x 4 studs at exterior walls where plaster is being removed. Polyethylene vapor barrier is to be installed onto interior face of existing masonry walls prior to installation of turned studs and rigid insulation. See demolition notes.
5. Hold insulation back away from recessed light housings which are not rated for direct contact with insulation.
6. Insulation around window frames shall be loose fiberglass batt with no vapor barrier.
7. Hand pack insulation to completely fill voids around electrical devices and built-in items.
8. Carry exterior wall insulation up to underside of attic (roof) insulation where it occurs.
9. It is the intention that new insulation be installed tightly with no spaces or breaks in the insulation or vapor barrier. Care shall be taken to insure that no part of the work is disturbed before covering walls and ceiling with finished materials.
10. Insulation shall be installed where shown on drawings and specified herein, all in strict accordance with manufacturers specifications and installation instructions.
11. Insulation shall carry up above all recessed light fixture housings which are rated for direct contact with insulation.

GYPSUM WALLBOARD

1. At interior walls and ceilings, provide and install USG 48" wide x 5/8" thick "SW" edge gypsum wallboard unless otherwise noted. Ceiling gypsum wallboard shall be applied with long edges perpendicular to framing members. Wall gypsum wallboard shall be applied with long edges parallel to and centered on framing members.
2. Gypsum wallboard is to be installed with screw and glue attachment to framing.
3. Length of wallboard shall be as long as possible.
4. For installation of interior gypsum wallboard and joint finishing, temperatures within the building shall be maintained uniformly within the range of 55° to 75° Fahrenheit. Adequate ventilation shall also be provided to eliminate excessive moisture within the building during this period.
5. Perf-A-Tape and Durabond joint system with Durabond 90 prefill shall be installed at all walls and ceiling joints.
6. For interior gypsum wallboard installation, use USG 1-1/4" Drywall screws, type "W". Install USG metal trim as required and USG Durabead corner reinforcement corner beads. Spacing of screws shall not exceed 16" on center for framing members spaced 16" on center. Spacing of screws shall not exceed 12" on center for framing members spaced 24" on center. Stagger screws on adjoining edges or ends of wallboard. Provide and install all other miscellaneous materials as required for a complete, first-quality job. Install USG metal trim as required and USG Durabead corner reinforcement corner beads at full height length.
7. Perform all pointing up around trim and other work. All defective wallboard shall be cut out and patched. Patching of wallboard shall match existing work in texture, finish, joints, and wallboard previously applied, and shall be finished smooth and flush. Patch all work damaged by other trades as well as blemishes due to shrinkage.
8. Walls, floors, and ceiling surfaces to receive ceramic, marble, granite or stone tile are to have substrate of 5/8" U.S.G. Durock Cement Board.
9. All shower wall and floor framing is to receive chlorinated polyethylene membrane prior to installation of 5/8" Durock.
10. Contractor shall examine all framing to receive gypsum wallboard and notify Architect of all that is not square, true, plumb, and/or level and shall see that corrections are made before proceeding with installation.

DUROCK

1. All shower wall, floor, seat, and ceiling surfaces to receive tile are to have substrate of 5/8" U.S.G. Durock Cement Board. Ceiling Durock wallboard shall be applied with long edges perpendicular to framing members. Wall Durock wallboard shall be applied with long edges parallel to and centered on framing members.
2. Length of Durock shall be as long as possible.
3. Contractor shall examine all framing to receive Durock and notify Architect of all that is not square, true, plumb, and/or level and shall see that corrections are made before proceeding with Durock installation.
4. Durock is to be installed with screw and glue attachment to framing.
5. Install Durock set in latex-portland cement mortar over building felt on exterior grade CD plywood subfloor.
6. For installation of Durock and joint finishing, temperatures within the building shall be maintained uniformly within the range of 55o to 75o Fahrenheit. Adequate ventilation shall also be provided to eliminate excessive moisture within the building during this period.
7. Install Durock with 1-5/8" coated Durock screws. Spacing of screws shall not exceed 16" on center for framing members spaced 16" on center. Spacing of screws shall not exceed 12" on center for framing members spaced 24" on center. Stagger screws on adjoining edges or ends of cement board. Provide and install all other miscellaneous materials as required for a complete, first-quality job.

ALUMINUM GUTTERS AND DOWNSPOUTS

1. Contractor shall furnish all materials and equipment required to complete installation of gutter and downspouts. Roofing contractor is to determine which gutter is required for proper drainage and is to size downspouts accordingly.
2. All accessories and fasteners used shall be of the type specified by the manufacturer.
3. Gutter and downspouts shall be installed in accordance with manufacturer's specifications. Spikes and ferules or brackets attached to the outside of the gutter are not acceptable.
4. All gutter hangers shall be installed by using two 1 1/4" screw shank nails fastened into solid lumber.
5. Use one expansion joint as specified by the gutter manufacturer in the gutter run.
6. Upon completion of job, contractor shall clean all aluminum work.

CAULKING AND SEALANTS

1. Provide and install caulking at perimeter or jointing of exterior frames of doors, window frames, or at other wood openings within exterior wall construction.
2. Provide and install caulking required for glass and glazing.
3. Provide and install caulking required at tile work.
4. Provide and install all miscellaneous caulking and sealing required for a complete interior and exterior job.
5. Joints shall be cleaned of all dust, dirt, mortar, and other loose material. Prime surface as required by manufacturer before material is forced in, to insure a proper and permanent bond. All exterior caulking is to be installed so as to result in a wind-, weather-, and dust-tight job.
6. Adjacent materials which have been soiled shall be cleaned immediately and work left in a neat, clean condition. Cleaning fluids shall be those recommended by caulking or sealant manufacturer.
7. Caulking and sealants are not to disrupt any flashing or weeps at masonry lintels, sills, or any other location where moisture is to be dissipated through the use of flashing and weep holes.

TILE

1. All ceramic tile is to be laid square unless otherwise noted or shown. Tile is to be laid out so that full tiles are used wherever possible and in no case shall tile be smaller than 1/2 tile.
2. Fit tiles closely around outlets, fixtures and pipes so that coverplates, flanges, and collars will overlap cut edges of tile.
3. Install tile with even joints. Align all joints vertically and horizontally with no staggered joints unless otherwise noted or shown.
4. Cut tile to avoid irregular appearance.
5. Tile which is chipped, cracked, stained, hollow sounding when tapped, loose or otherwise defective or improperly set shall be removed and replaced using new matching material. Discolored or improperly made joints shall be repaired.
6. Caulking at bathtub shall be Dow-Corning Sealant, white or color to match tile as approved by Owner.
7. Provide and install 15# asphalt building felt as a slip sheet over new 3/4" exterior glue CD plywood subfloor where finished floor is to be tile.
8. Substrate for ceramic tile flooring and walls to be 1/2" Durock set in latex-portland cement over building felt. Build up substrate from subfloor as required so that finished tile surface aligns and is flush with existing adjacent flooring.
9. Ceramic tile wall surfaces at backsplashes in kitchen are to be installed over Durock.
10. Grout color is to match tiles color as approved by Owner.
11. Upon completion of tile installation, clean all tile surfaces with warm water and cleaning solvent recommended by tile manufacturer. Do not use acid or acid cleaners. Cover all floors with building paper taped to tile.
12. All unused, undamaged tile is to be saved in marked containers for Owner.
13. Porcelain tile is to be set in liquid polymer modified portland cement thinset mortar. Thinset mortar is not to touch vertical wall surface in order to avoid sound transmission and to allow for installation of urethane acoustical sealant.
14. Install Laticrete 9235 Waterproof membrane (brushed on application) over all Durock surfaces prior to installation of tile.
15. All stone (marble) tile is to be set in latex-portland cement mortar.
16. Provide a polyurethane vapor barrier or 15# layer asphalt building felt as a slip sheet over new 3/4" exterior glue plywood subfloor. Install Durock set in latex-portland cement over plywood.
17. Over the concrete slab, provide and install National Applied Construction Products, Inc. self-adhering SAM3 (Sound Abatement Mat) system for sound reduction, crack suppression, and waterproofing. (IIC 58, STC 54). Installation is to include the following:
    a. National Applied Construction Products, Inc. NACTAC Interior Primer
    b. National Applied Construction Products, Inc. SAM3 system
    c. Tile Bond Coat A118.4
    d. Specified porcelain tile
    e. NP-1 Urethane acoustical sealant at floor tile/wall joint, floor tile/tub joint, and floor tile/cabinet toe kick joint
18. Grout is to be polymer modified unsanded grout, color to match general tile coloration - verify with Owner.

OAK FLOORING

1. Provide and install 3-1/4" wide x 25/32" thick, end matched, tongue and groove, square edge, plain sawn, grade: select or better, Kiln dried Northern red oak wood strip flooring, trade marked and grade stamped per NOFMA (National Oak Flooring Manufacturer's Association) grading rules. Lengths shall be random, two to eight feet.
2. Oak strip flooring shall be installed perpendicular, with finishing to be performed on the job.
3. Install leveling coat over concrete slab floors prior to installation of required cork and plywood underlayment.
4. Install one layer 15# asphalt saturated building felt, lapped 4", over plywood underlayment.
5. Floors shall be blind nailed and shall be level within 1/8" tolerance of levelness within 10'-0" span.
6. Machine sand all surfaces in a minimum of three operations for a total of three passes to bring surface to proper level and smoothness. Trowel fill between first and second passes. Excessive sanding shall not be permitted to correct defective materials or workmanship.
7. Use hand scrapers or small hand operated sanders for borders and/or hard-to-reach areas.
8. After final sanding with fine sand paper, floors shall be stained with a medium stain color to be selected and finished with polyurethane. Install sample of stain on properly sanded floor for approval by owner prior to completion of stain installation.
9. Install surface coating of two coats Duraseal polyurethane. First coat is to be gloss; second coat is to be satin. Screen between coats for a smooth, dustless finish.
10. At contractor's option in lieu of polyurethane surface coating, install three coats of Glitza with screening between each coat, all per manufacturer's specifications.
11. After finish is set, floor shall be protected with heavy building paper which shall remain in place until substantial completion of project. Tape paper to paper and not to wood floor.
12. Strip oak flooring material is to be delivered to the jobsite a minimum of seven (7) days prior to installation to allow material to achieve proper moisture content.

ILLINOIS
NATALIE L. CLEMENS
REGISTERED ARCHITECT
001.022926
EXPIRATION DATE: NOVEMBER 30, 2016

THESE DRAWINGS HAVE BEEN PREPARED AT / OR UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF CONFORM AND COMPLY WITH THE REQUIREMENTS OF THE DEPARTMENT OF BUILDINGS AND CODES HAVING JURISDICTION.

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ARCHITECTURE • DESIGN
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FILE COPY

DANLY RESIDENCE

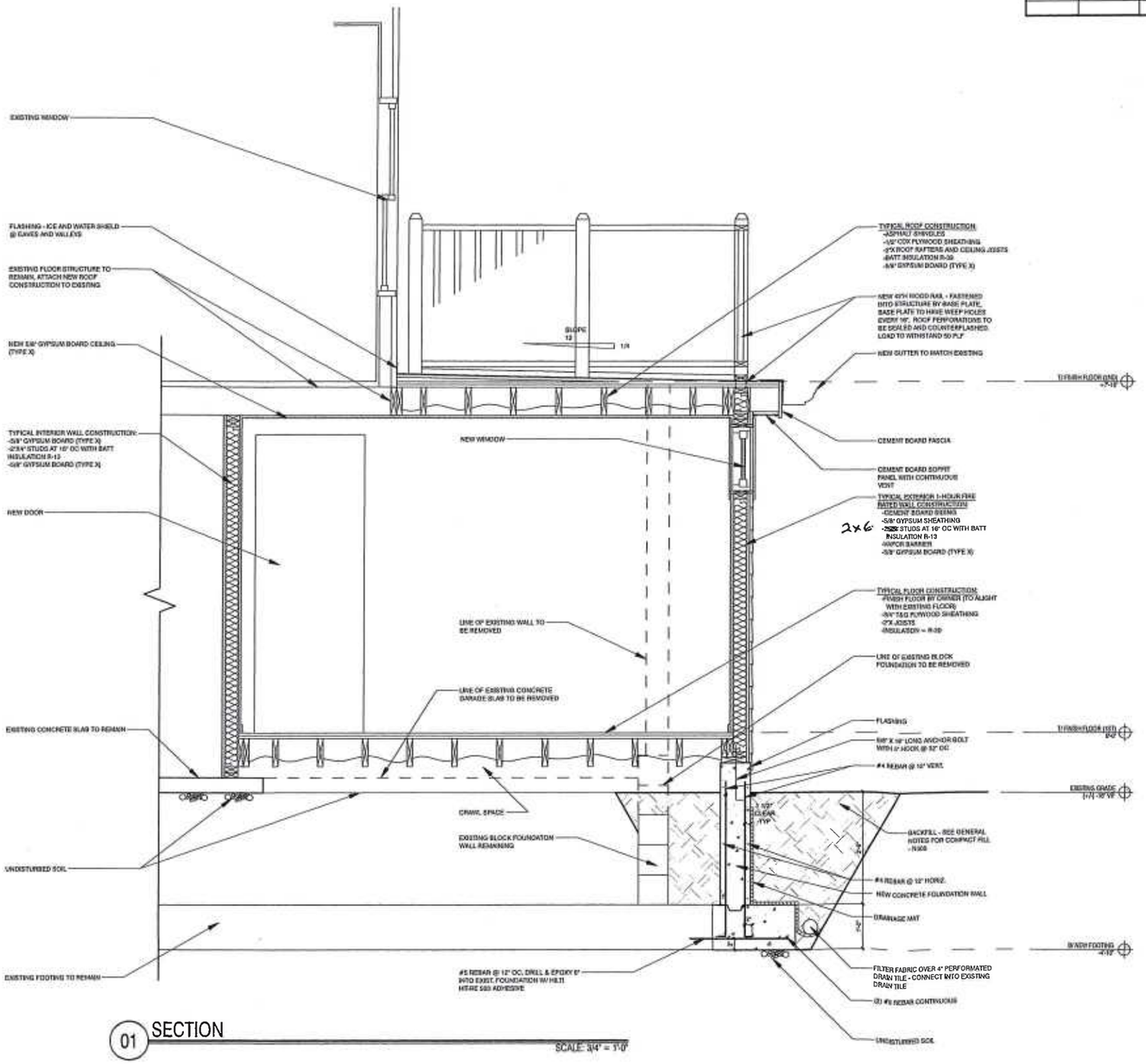
611 EAST PROSPECT
LAKE BLUFF, ILLINOIS 60044

PLOT DATE: 8.15.2015
PROJECT NUMBER: 15937

NO.	DATE:	DESCRIPTION:
1	09-12-15	ZONING VARIANCE
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-

SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
N300



01 SECTION

SCALE: 3/4" = 1'-0"

DOOR AND FRAME SCHEDULE

DOOR NUMBER	DOOR					FRAME		DETAIL			LABEL	HARDWARE SET	REMARKS
	OPENING SIZE W x H	THICKNESS	TYPE	MATERIAL	FINISH	MATERIAL	FINISH	HEAD	JAMB	THRES-HOLD			
01	2'-0" X 7'-0"	1 3/4"	A	FIBERGLASS	*	WD	*				–	01	- IN * FINISH TO MATCH EXISTING
02	2'-6" X 7'-0"	1 3/4"	B	WD	*	WD	*				–	01	- LH * FINISH TO MATCH EXISTING

DOOR HARDWARE

01	- HINGES - HANDLE - LATCH - LOCKSET - SWEEPS - THRESHOLD

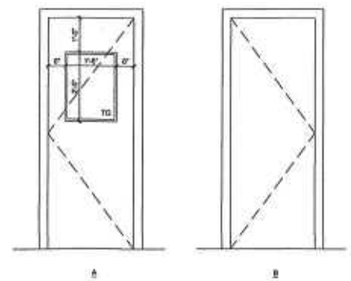
WINDOW SCHEDULE

	TYPE	GLASS AREA SF	VENT AREA SF	WINDOW WIDTH	WINDOW HEIGHT	REMARKS
01	BRAND TBD BY OWNER	2.9	1.5	3'0	1'7	AWNING OPERATION

ALL WINDOWS TO HAVE: CLAD WOOD FRAME W/ LOW E, DOUBLE PANE GLASS

FINISHES

ALL INTERIOR FINISHES TO BE MIN. CLASS 2 FLAME SPREAD



02 DOOR TYPES

SCALE: 1/2" = 1'-0"

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REGISTERED ARCHITECT
001.022528
EXPIRATION DATE: NOVEMBER 30, 2018

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611 EAST PROSPECT
LAKE BLUFF, ILLINOIS 60044

PLOT DATE: 6.15.2018
PROJECT NUMBER: 1668T

NO.	DATE:	DESCRIPTION:
1	06-12-18	ZONING VARIANCE
2		
3		
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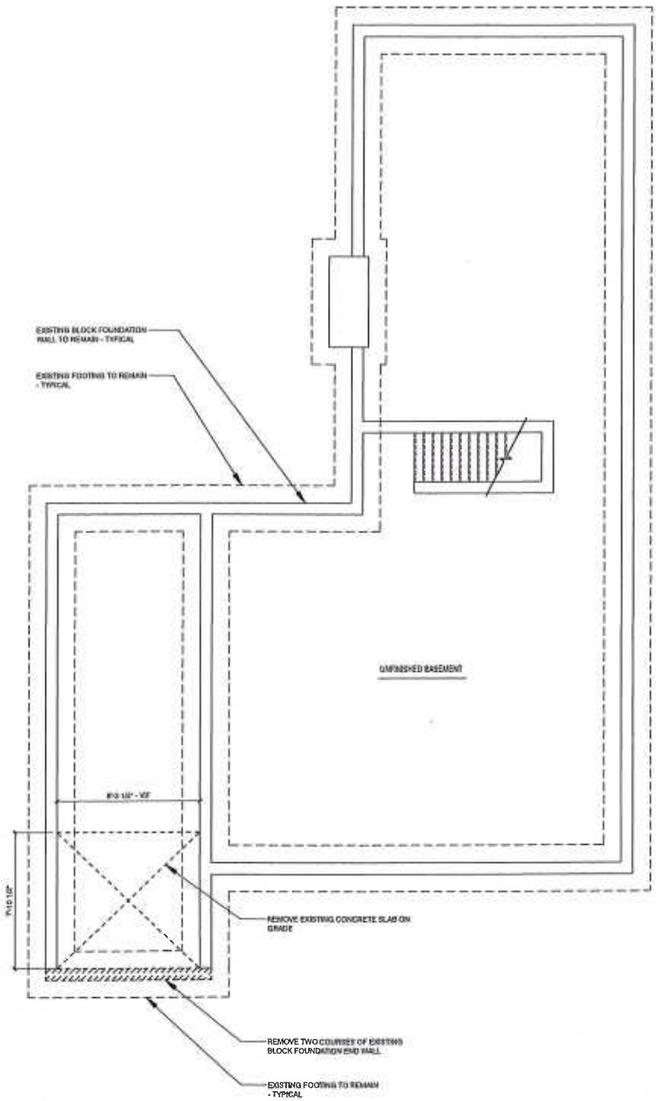
8		

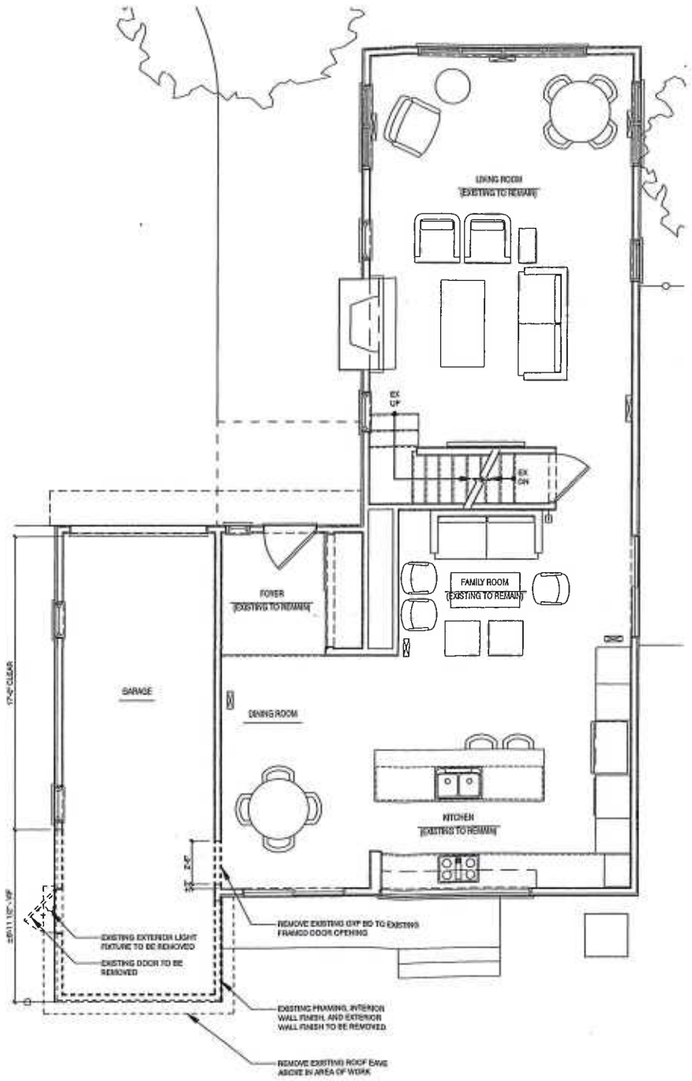
SHEET TITLE:
SCHEDULES, DETAILS, AND BUILDING SECTION

SHEET NUMBER:
N400



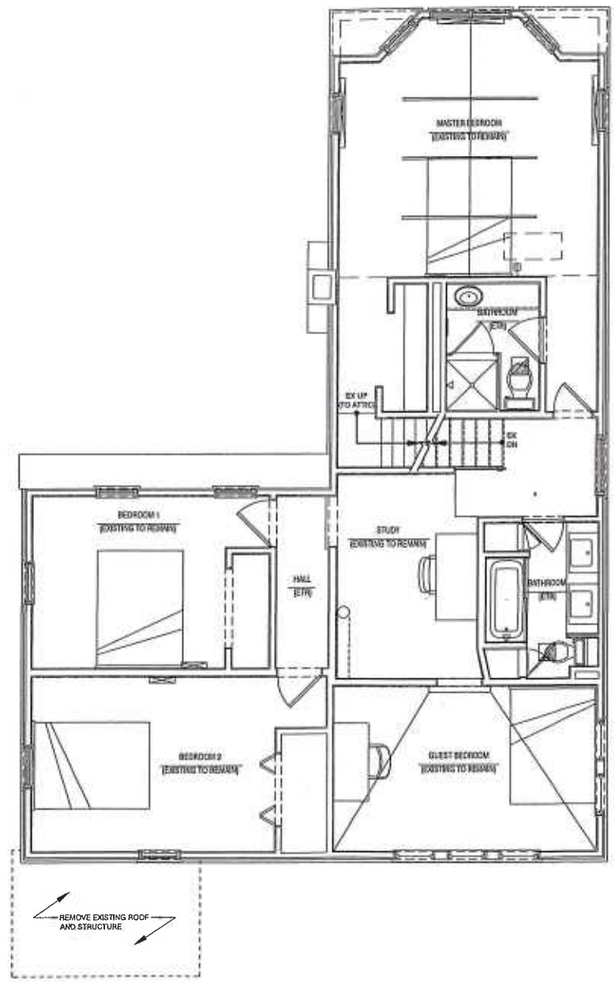
01 FOUNDATION DEMOLITION PLAN

SCALE: 1/4" = 1'-0"



02 FIRST FLOOR DEMOLITION PLAN

SCALE: 1/4" = 1'-0"



03 SECOND FLOOR DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

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NATALIE L. CLEMENS
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001.020924
EXPIRATION DATE: NOVEMBER 30, 2016

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NATALIE L. CLEMENS
ARCHITECTURE · DESIGN
14 Emerald Court
Morton, Illinois 61550
P: 309-657-3737 ■ F: 309-291-5119

FILE COPY

DANLY RESIDENCE

611 EAST PROSPECT
LAKE BLUFF, ILLINOIS 60044

PLOT DATE: 8.15.2015
PROJECT NUMBER: 15007

NO.	DATE	DESCRIPTION
1	09-18-15	ZONING VARIANCE
2		
3		
4		
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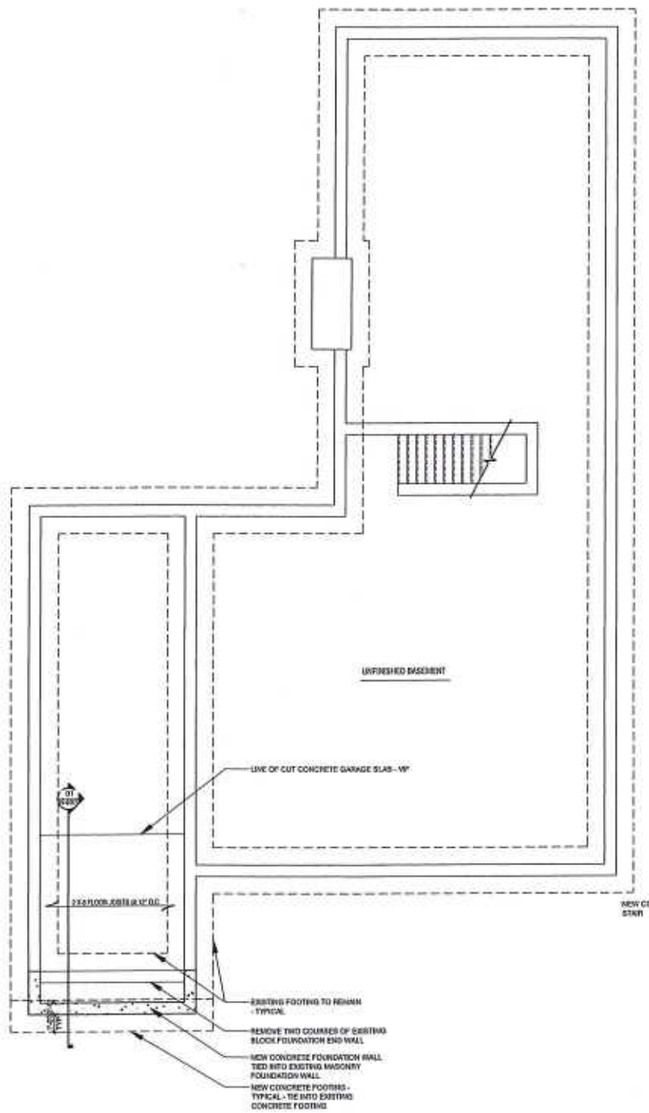
8		

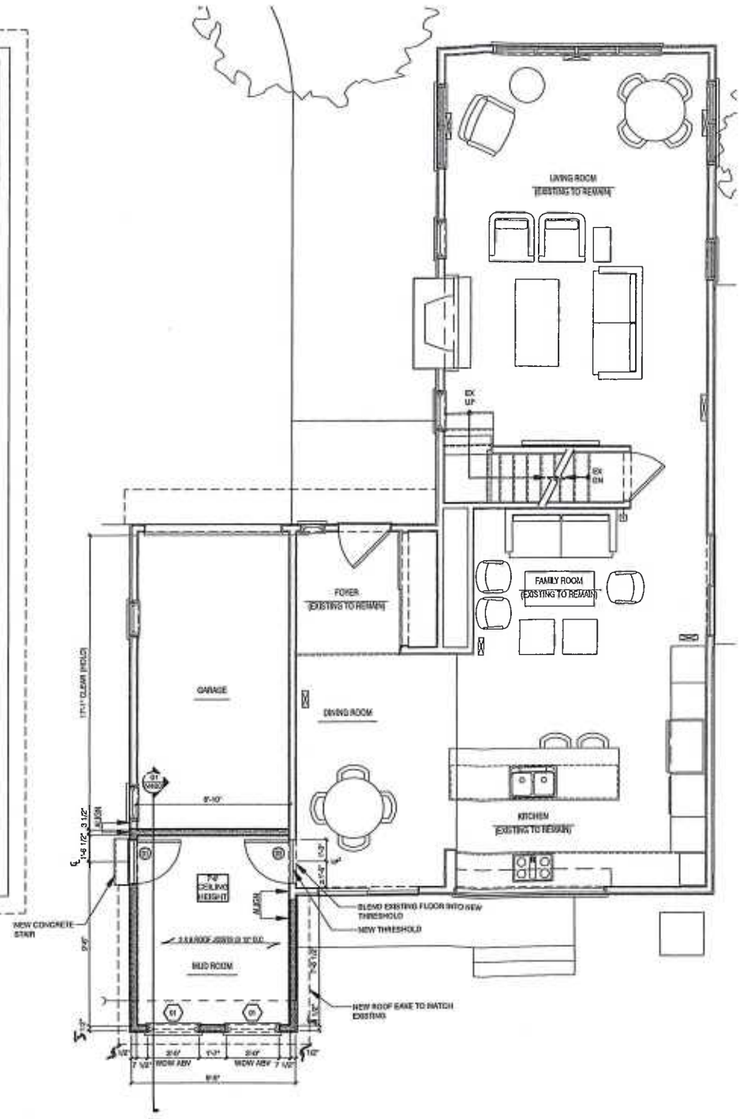
SHEET TITLE
DEMOLITION PLANS

SHEET NUMBER
A000



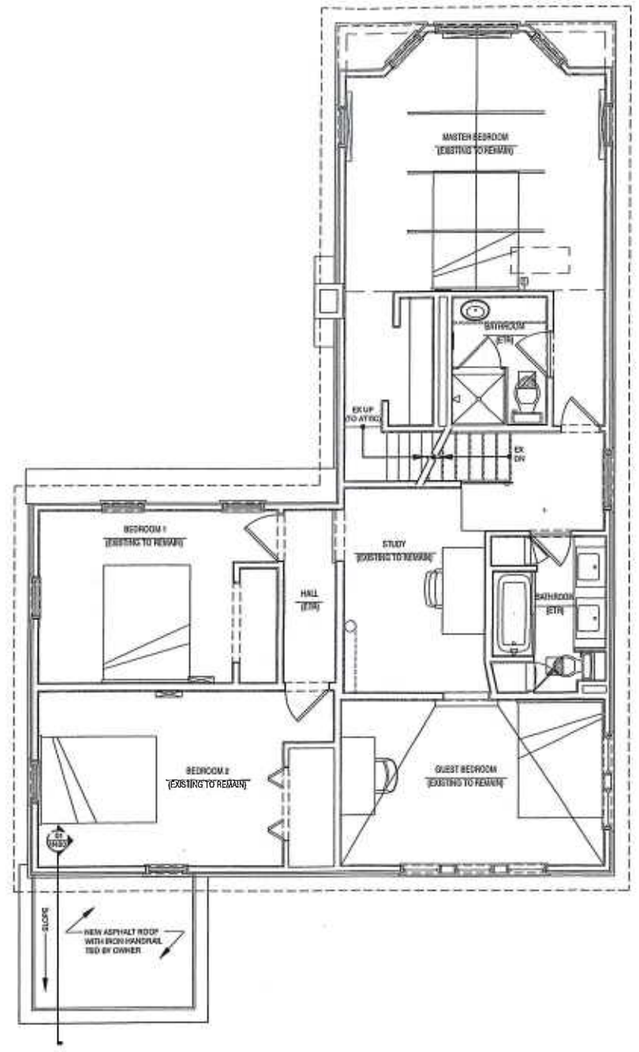
01 FOUNDATION CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0"



02 FIRST FLOOR CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0"



03 SECOND FLOOR CONSTRUCTION PLAN

SCALE: 1/4" = 1'-0"

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DANLY RESIDENCE

611 EAST PROSPECT
LAKE BLUFF, ILLINOIS 60044

PLOT DATE: 6.15.2015
PROJECT NUMBER: 15067

NO.	DATE:	DESCRIPTION:
1	09-12-15	ZONING VARIANCE
2		
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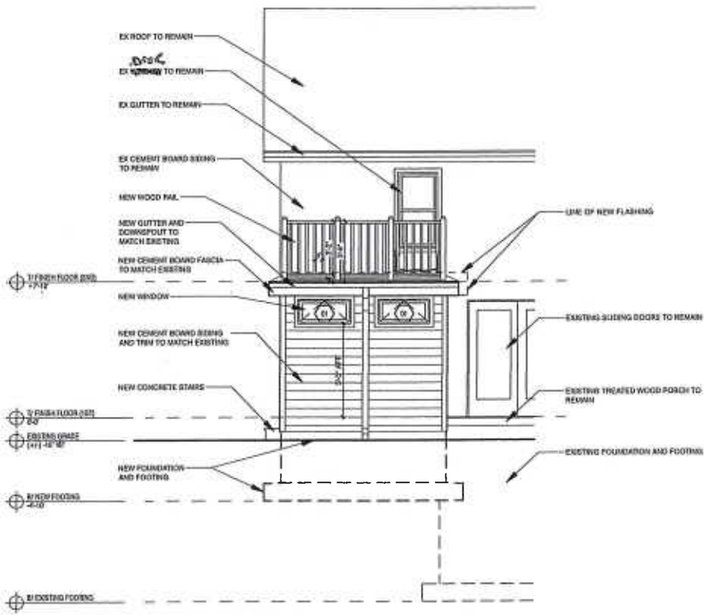
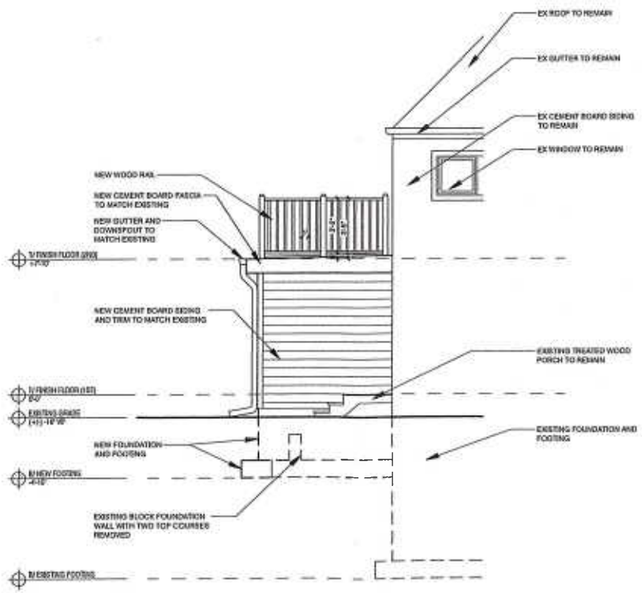
SHEET TITLE:
CONSTRUCTION PLANS

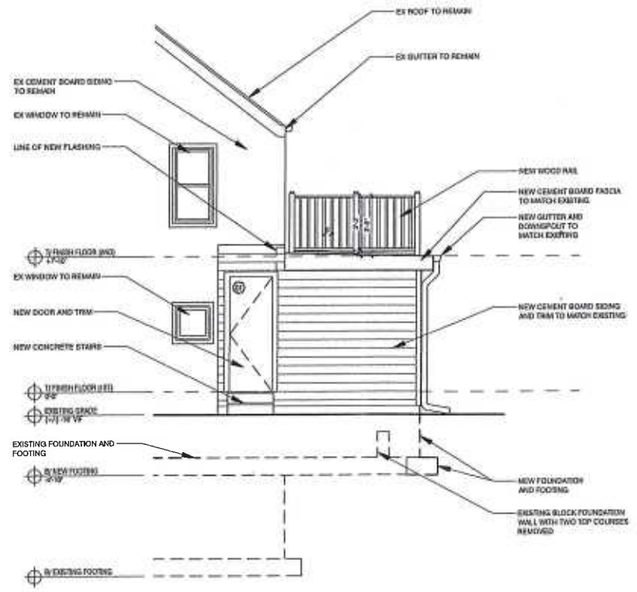
SHEET NUMBER:
A100



01 PARTIAL SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



02 PARTIAL EAST ELEVATION
SCALE: 1/4" = 1'-0"



03 PARTIAL WEST ELEVATION
SCALE: 1/4" = 1'-0"

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DANLY RESIDENCE

611 EAST PROSPECT
LAKE BLUFF, ILLINOIS 60044
PLOT DATE: 8.15.2015
PROJECT NUMBER: 15007

NO.	DATE:	DESCRIPTION:
1	08-12-15	ZONING VARIANCE
2		
3		
4		
5		
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SHEET TITLE:
EXTERIOR ELEVATIONS

SHEET NUMBER:
A200

Carol Weatherall

To: Brandon Stanick
Subject: RE: 611 E Prospect

-----Original Message-----
From: Catherine Denckla [mailto:chdenckla44@gmail.com]
Sent: Wednesday, February 17, 2016 12:47 PM
To: Brandon Stanick <bstanick@lakebluff.org>
Subject: 611 E Prospect

Dear Brandon,
I am writing in support of the Danly's request to increase the square footage of their house at 611 E Prospect thereby infringing upon the side set back. Their's is a charming old Lake Bluff house....many of which are being torn down because the interiors are not conducive to today's life style. Our old streetscapes are fast disappearing.
I cannot attend the meeting tonight but please make note of my support.
Sincerely
Cathie

Carol Weatherall

To: Brandon Stanick
Subject: RE: Variance for our home at 611 East Prospect Ave, Lake Bluff

From: John Sorenson [mailto:john@usshelter.com]
Sent: Wednesday, February 17, 2016 9:29 AM
To: Bruce Danly <bdanly@mac.com>
Cc: Brandon Stanick <bstanick@lakebluff.org>
Subject: RE: Variance for our home at 611 East Prospect Ave, Lake Bluff

Hi Bruce,

Thank you for sharing the plan. As we discussed on the phone, Whitney and I like what has been done thus far with your remodel project. The new siding and roofing will look great when finished. We only had a couple minor concerns, as we discussed on the phone last week.

I would like to ask if it's possible that parking not be extended around the west side of the home – along the garage. We have a local LB arborist on an annual retainer to feed and maintain the established trees in our yard. The arborist had reported that the recent parking use in the side yard could harm the overall health of the Horse Chestnut tree. From our conversation it sounds like the use of that area for parking will not continue.

After our conversation last week I did notice the new oversized gutters and I do have a slight concern about drainage with the added impervious surface. Is it possible for your contractor to direct the water coming off the back of your home (at the addition) forward to your drive so it ends up in the street versus both of our back yards? When we built a few years ago we had been made aware of the flooding issues in this area and had worked with George to add storm water capacity for approximately 20,000 gallons of rain water. This system has actually filled completely during a few of the heavy rains and I know between your back yard, our back yard and the Lenzke's yard these areas tend to become ponds in heavy rain events. I don't believe the small addition is going to add much to the problem but if it's possible for your contractor to re-direct the gutters forward to your drive so water flows naturally to the street vs the back or side yards, that may potentially help keep all of our back yards more dry in the future.

As stated in our conversation, my original concern when we had received the letter from the village was that more of an addition was being added to the work already started. However, since the structure that has been built is the reason for this variance and no further additions are being added, Whitney and I have no objection to your request seeing attention is paid to the concerns outlined above. Per your request, I am copying Brandon on this e-mail for his records.

Good luck with the rest of your project.

Thanks, John

Carol Weatherall

To: Brandon Stanick
Subject: RE: 611 East Prospect Avenue code variation requests

-----Original Message-----
From: Leslie Smith [mailto:lwsmith51@gmail.com]
Sent: Wednesday, February 17, 2016 8:43 AM
To: Brandon Stanick <bstanick@lakebluff.org>
Subject: 611 East Prospect Avenue code variation requests

Brandon,
Peter and I at 551 East Prospect Ave would like to state our support for Bruce and Jill Danly's 2 variance requests for their property.
We agree with the Danlys regarding "Old Homes" and modern codes. Our Village should have methods in place to allow for the character of existing older homes to continue to exist into the future where appropriate!
Thank you.

Leslie and Peter Smith
551 East Prospect Avenue

Sent from my iPhone
Leslie W Smith
847-287-2516

Carol Weatherall

To: Brandon Stanick
Subject: RE: 611 East Prospect Comments

-----Original Message-----
From: Don Shoemaker [mailto:djshoemaker@franklinpartners.net]
Sent: Tuesday, February 16, 2016 1:13 PM
To: Brandon Stanick <bstanick@lakebluff.org>
Cc: bdanly@mac.com
Subject: 611 East Prospect

Brandon, As you know I am a resident of Lake Bluff at 562 Sunrise Ave. and the owner of Carriage Point at 101 Waukegan. I am unable to attend tonight's meeting. I am writing to give my full support to the variance that the Danly's are seeking for finishing the renovation of their home. They have done a beautiful job renovating a historic home in Lake Bluff. I believe the the Village should encourage this type of effort to renovate older historic homes rather than tear them down. With this type of renovation of a home of the Danley's vintage, some work that may require a variance is to be expected. In light of the small amount of additional space they need to finish this job, we hope it would be an easy decision for Lake Bluff. This is a great Village to live in and hopefully the Village will support this request made by the Danley's.

Sincerely

Donald Shoemaker
630-915-4257

Sent from my iPad

Carol Weatherall

To: Brandon Stanick
Subject: RE: 611 E Prospect Variance - Danly Residence

-----Original Message-----
From: Paul Pezza [mailto:paulrpezza@comcast.net]
Sent: Tuesday, February 16, 2016 10:17 PM
To: Brandon Stanick <bstanick@lakebluff.org>
Cc: Annie Pezza <anniepezza@mac.com>
Subject: 611 E Prospect Variance - Danly Residence

Good evening Brandon,

We live directly East of the Danly's at 617 E Prospect Ave. and have lived in our home since January of 2009. I grew up in Lake Forest but I have always been drawn to Lake Bluff by the close-knit sense of community, safe streets for children to play, and the indelible character of each home in East Lake Bluff. We were lucky enough to get a variance passed in 2013 to add a front porch to our old (1918) home with overwhelming support from our neighbors. It has greatly enhanced our beautiful old home while at the same time preserving the integrity and character of Lake Bluff.

The Danly's have done a fantastic job remodeling the inside and outside of their home - new windows, siding and roof. There is no question that the repair and reconstruction work they have invested in has greatly enhanced the character of their old home. Annie and I have reviewed the zoning relief request for their proposed mud room and we believe it is a reasonable and consistent request to finish improving their old home. They have our full support to move forward with their project.

Best,

Paul & Annie Pezza

Carol Weatherall

To: Brandon Stanick
Subject: RE: Danly Home

From: Meulbroek [mailto:agm12@sbcglobal.net]
Sent: Tuesday, February 16, 2016 10:07 PM
To: Brandon Stanick <bstanick@lakebluff.org>
Subject: Danly Home

I am writing in support of Bruce and Jill Danly and the variance that they are requesting from the Village of Lake Bluff. I have been a resident of the village for over 15 years and the main reason we were drawn to this area was the quaint character and uniqueness of the homes. We have renovated our home (originally built in 1965) to make it more comfortable by today's standards. I can only imagine the challenges of renovating a truly vintage home.

I have been in the Danly home on several occasions and have seen the thoughtful improvements that Bruce and Jill are making. The variance they are asking for is small, but would make a huge impact on the livability of the home. Allowing the request brings the home to a much more usable floor plan making the home enjoyable for years to come.

I believe the homeowners have been diligent in planning the updates on the property and have been considerate of the surrounding homes and how the addition would affect the landscape of the neighborhood. The family (and even the homeowners parents) has lived in this home for many, many years and has respected the importance of vintage homes in our community. I fully support the request of the homeowners in their petition for a variance.

Respectfully,
Ann Meulbroek
230 E. Woodland
Lake Bluff, IL

Carol Weatherall

To: Brandon Stanick
Subject: RE: Danly home

-----Original Message-----
From: Caryl Horn [mailto:jchorn@mac.com]
Sent: Wednesday, February 17, 2016 4:26 PM
To: Brandon Stanick <bstanick@lakebluff.org>
Subject: Danly home

Dear Brandon and Zoning Board members,

My husband Jerry Horn and I purchased 611 E. Prospect Avenue in 1966. We raised 4 children with wonderful memories and happy times in Lake Bluff. The old house survived two fires, teenagers impatiently waiting for the one bathroom - lifestyles in an old home have changed, we have all grown older but the house has remained the same. We rented the house for several years, one of our tenants was Terry Lefevre the co-owner of Froggie's in Highwood, who asked if he could buy the house, but I said I was holding it for one of my children, (never thinking that would happen, as 3 live in Northern California).
Enter my son-in-law Bruce Danly and daughter Jill. Recession came and stopped any plans for repair but they held on to the house, patching when needed.
Old homes have constraints, 611 will never be an oversized home but it desperately needed elements to make living safe, warm and beautiful.
The Danly's have begun, they have invested in top quality siding, roof etc. I hope that you have an opportunity to visit and see the elements.
I ask that you and the Board cherish the old homes and appreciate the few that are making the effort and going to the expense of rising to the challenge of renovation. The Danly's effort is simply a work of love and history.
I am proud of their efforts and hope that you and the board will as well.

Thank you,

Caryl Horn
Past Owner of 611 E. Prospect

Carol Weatherall

To: Brandon Stanick
Subject: RE: Danly Home at 611 East Prospect Ave

-----Original Message-----
From: kelli brannan [mailto:kellibrannan@comcast.net]
Sent: Wednesday, February 17, 2016 7:19 PM
To: Brandon Stanick <bstanick@lakebluff.org>
Cc: Jill Danly <jilldanly@mac.com>
Subject: Danly Home at 611 East Prospect Ave

We are totally in favor of the Danley Family adding to the additional square footage of their home and creating more living space to improve their current status.

It is considerate of them to keep the charm of the neighborhood by making improvements to their current home vs tearing it down and allowing an

unsightly new home be put in its place. Please vote yes and allowed them to make the necessary improvements, as soon as possible.

Thank you,

Steve and Kelli Brannan
609 E. Scranton Ave
Lake Bluff, Il