

**VILLAGE OF LAKE BLUFF  
ARCHITECTURAL BOARD OF REVIEW**

**TUESDAY, SEPTEMBER 6, 2016 – 7:00 P.M.**

**VILLAGE HALL BOARD ROOM  
40 E. CENTER AVENUE, LAKE BLUFF, ILLINOIS**

**AGENDA**

---

---

- 1. Call to Order and Roll Call**
- 2. Consideration of the July 12, 2016 Architectural Board of Review Meeting Minutes**
- 3. Non-Agenda Items and Visitors (Public Comment Time)**  
The Architectural Board of Review Chair and Board Members allocate fifteen (15) minutes during this item for those individuals who would like the opportunity to address the Board on any matter not listed on the agenda. Each person addressing the Architectural Board of Review is asked to limit their comments to a maximum of three (3) minutes.
- 4. Consideration of a Sign Permit for Homewerks Worldwide at 45-85 Albrecht Road**
- 5. Consideration of a Sign Permit for The Chevy Exchange at 1 Sherwood Terrace**
- 6. A Public Hearing to Consider a Site Plan to Review Exterior Alterations to the Central Lake County Joint Action Water Agency Building at 200 Rockland Road**
- 7. Staff Report**
  - **Next Regular Meeting – October 4, 2016 (1<sup>st</sup> Tuesday)**
- 8. Adjournment**

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 the accessibility of the meeting or the facilities, are requested to contact R. Drew Irvin at 234-0774 or TDD number 234-2153 promptly to allow the Village of Lake Bluff to make reasonable accommodations.

**VILLAGE OF LAKE BLUFF  
ARCHITECTURAL BOARD OF REVIEW  
REGULAR MEETING  
JULY 12, 2016**

**DRAFT MINUTES**

**1. Call to Order and Roll Call**

The meeting of the Architectural Board of Review (ABR) of the Village of Lake Bluff was called to order on July 12, 2016 at 7:00 p.m. in the Village Hall Board Room (40 E. Center Avenue) and the following were present.

Present: Neil Dahlmann  
Matthew Kerouac  
Carol Russ  
Bob Hunter, Chair

Absent: Edward Deegan, Member  
Stephen Rappin, Member  
John Sorenson, Member

Also Present: Mike Croak, Building Codes Supervisor (BCS)  
David Graf, Fire Chief

**2. Consideration of the June 7, 2016 ABR Regular Meeting Minutes**

Member Dahlmann moved to approve the minutes of the June 7, 2016 ABR meeting as presented. Chair Hunter seconded the motion. The motion passed on a unanimous voice vote.

**3. Non-Agenda Items and Visitors (Public Comment Time)**

Chair Hunter stated the ABR Chair and Board Members allocate fifteen minutes during this item for those individuals who would like the opportunity to address the Board on any matter not listed on the agenda.

There were no request to address the ABR.

**4. A Public Hearing to Consider a Site Plan to Review Exterior Alterations to the Central Lake County Joint Action Water Agency (CLCJAWA) Building at 200 Rockland Road**

Chair Hunter administered the oath to those in attendance and opened the public hearing regarding the matter.

Mr. Bill Soucie, Operations Director for CLCJAWA stated the Village is home to a world class water treatment facility because of the facility's unique water treatment process, as well as its recognition from the Partnership for Safety Drinking Water for its ability to achieve stringent water quality. The CLCJAWA Executive Committee and Board of Directors at its meeting in April 2016 approved the 20 Year Capital Improvement Plan and Fiscal Year 2017 Budget. The plan included the replacement of the ozone disinfection system which will require installation of additional louvres primarily on the east elevation and one on the south elevation and the

replacement of an air condition located under the roof with a more easily accessible roof top unit.

Mr. Soucie showed a picture of the east elevation, noting it is approximately 650 ft. from the nearest neighbor and 50 ft. from the Village owned adjacent property which will be used as the temporary staging area for the ozone project. He stated the south wall is approximately 500 ft. from the nearest neighbor. He stated the new ozone equipment will generate oxygen from ambient air and then produce ozone from the oxygen which is used for water treatment. The louvres are required to minimize the risk of precipitation from entering the duct work. He showed an aerial view of the facility and existing louvres in relation to the neighborhood and noted once completed there will be a total of 17 louvres, anodized bronze in color to match the existing condition.

Members Dahlmann, Kerouac and Russ had no questions.

In response to a question from Fire Chief David Graf, Mr. Soucie stated the request is for fixed louvres with a mixture of intake and exhaust and noted the upper two existing louvres are operable from the interior.

Chair Hunter closed the public hearing.

Member Kerouac moved to recommend the Village Board approve the exterior alterations to the CLCJAWA building as presented. Member Dahlmann seconded the motion. The motion passed on the following roll call vote:

Ayes: Dahlmann, Kerouac, Russ and Chair Hunter  
Nays: None  
Absent: Deegan, Sorenson and Rappin

Mr. Soucie stated CLCJAWA is also requesting the installation of a rooftop air conditioning unit. He showed pictures of the existing HVAC unit and noted the unit is currently on an existing vent and roof penetration. He showed cardboard mockup photographs of the proposed HVAC unit and views of the unit in relation to the neighborhood.

Members Russ and Kerouac had no comments.

Member Dahlmann inquired of the color. Mr. Soucie stated it is the standard medium gray color but, should the ABR prefer, it could be colored bronze to match the existing metal.

Member Russ moved to recommend the Village Board approve the rooftop air conditioning unit as presented. Member Kerouac seconded the motion. The motion passed on the following roll call vote:

Ayes: Dahlmann, Kerouac, Russ and Chair Hunter  
Nays: None  
Absent: Deegan, Sorenson and Rappin

**5. A Public Hearing to Consider a Site Plan to Review Playground Equipment and Other Exterior Alterations at Artesian Park and Blair Park, 355 W. Washington Avenue and 10. E. Sheridan Place**

Chair Hunter opened the public hearing regarding the matter.

Mr. Ed Heiser, Superintendent of Facility Services for the Lake Bluff Park District, stated the request is to consider a site plan for new playgrounds at Artesian and Blair Parks and the pathways located within the project. He provided background information regarding the process and noted a preliminary version of the plans were presented to the ABR for comment at its April 5, 2016 meeting. Since then, the Park District has conducted community meetings at each park and has refined the designs based on the comments received.

Mr. Eric Hornig of Hitchcock Design Group showed a slide of Artesian Park current conditions and noted the existing equipment and wood chips will be replaced with the proposed playground equipment which is ADA compliant. He reviewed the proposed equipment site plan which included a gathering area, seat wall, engineered wood fiber play surfacing, 2-5 and 5-12 year old playground areas, vertical net climber with stone pedestal steppers, amongst other features. He also noted their intent to make an accessible path to the tennis courts and tennis courts deck. Mr. Hornig stated their intent is to protect the existing trees. He stated there will be a new asphalt path to the north of the area which connects both north, south, east and west and connect at a gathering area with picnic tables and trash receptacles. He showed the entrances to the playground which included a ramp for ADA compliance and noted the primary safety surface would have engineered wood fiber.

Mr. Hornig showed a picture and reviewed the proposed playground equipment options noting both options were identical except for the color pattern. The plan is to move forward with Option A which received the most positive feedback.

Member Kerouac inquired of the materials used on the structures. Mr. Hornig explained the difference types of materials that will be used for the equipment.

Member Kerouac asked if there was a difference in fading with the red and tan colors. Mr. Hornig stated green and tan tends to stay solid but yellow still has a tendency to fade overtime.

In response to a question, Mr. Hornig explained how the grading will allow access to the equipment without having to climb onto it.

Member Kerouac asked if bike racks would be integrated into the plan. Mr. Heiser the existing bike racks may be upgraded.

Member Kerouac inquired of the grade change between the concrete curb, grass and material inside the playground and asked if it would create a tripping hazard. Mr. Hornig stated it is a 6" in. concrete curb and the grass edge is flushed with the top of the curb, and drop down 3" in. going into the wood fiber area.

Member Kerouac asked if the stones were man made. Mr. Hornig stated the stones are limestone.

Member Russ stated the proposed equipment looks great and thanked them for the presentation.

Chair Hunter asked about the tower height and Mr. Hornig responded that it was 8' to the deck and approximately 7.5' above that to the peak.

Chair Hunter stated the proposed plan looks great.

Mr. Hornig continued the presentation reviewing the proposed playground equipment site plan for Blair Park which included a seating area, concrete paving, engineered wood fiber play surfaces, 2-5 and 5-12 year old playground areas, seat wall, amongst other features. The plan is to have a concrete sidewalk connect to the existing asphalt pathway which leads to the existing shelter.

Mr. Hornig showed a picture and reviewed the proposed playground equipment options noting both options were identical except for the color pattern. The plan is to move forward with Option B which received the most positive feedback.

Member Dahlmann stated the plans were well done and thought out.

Member Kerouac had no questions.

Member Russ stated the proposed plans are great and asked why Blair Park's equipment is smaller as it is intensely used. Mr. Hornig the size of the equipment is smaller largely due to its close proximity to the pool area. He stated Artesian Park is viewed as a bigger playground area in the community. Member Russ expressed her preference for additional shaded seating areas at Blair Park.

Chair Hunter opened the floor for public comments. As there were none, he closed the public hearing.

Member Russ moved to recommend the Village Board approve playground equipment and other exterior alterations (tables, chairs and walkways) at Blair Park and Artesian Park. Member Kerouac seconded the motion. The motion passed on the following roll call vote:

Ayes:	Dahlmann, Kerouac, Russ and Chair Hunter
Nays:	None
Absent:	Deegan, Sorenson and Rappin

**6. A Public Hearing to Consider a Site Plan to Review Exterior Alterations Including the Relocation of Dumpsters and a Fence for Center Avenue Partners at 61 E. Scranton Avenue**

Chair Hunter opened the public hearing regarding the matter.

Mr. Ron Oesterlein of Center Avenue Partners stated the request is to remove one of the existing dumpsters nearest the alley and expand the size of the western dumpster enclosure approximately 3 ft. to accommodate the grease container from the restaurant. The plan is to

have more frequent pickups which is more cost efficient and beneficial for everyone. He noted Scranton Alley will be even more attractive with less dumpsters.

Member Russ stated it is a nice gesture to remove the dumpster from Scranton Alley and asked if there was room to modify the plants to screen the dumpster. Mr. Oesterlein stated removal of the existing sign post will allow room for additional plants.

Member Kerouac inquired of the condition of the existing tree. Mr. Oesterlein stated the existing maple tree is healthy.

Member Dahlmann inquired of the condition of the asphalt underneath the dumpsters. Mr. Oesterlein stated the plan is to repave the existing black top with a solid cement type material.

Member Kerouac moved to recommend the Village Board approve the relocation of refuse dumpsters and a fence for Center Avenue Partners as presented. Member Russ seconded the motion. The motion passed on the following roll call vote:

Ayes: Dahlmann, Kerouac, Russ and Chair Hunter

Nays: None

Absent: Deegan, Sorenson and Rappin

**7. Consideration of a Sign Permit and Awning for Inovasi Restaurant at 28 E. Center Avenue**

Chair Hunter introduced the agenda item.

Member Russ stated it was a good idea to move the entrance and the proposed awning could help identify the new entrance to the restaurant.

Member Dahlmann stated the proposed awning is a good idea but there needs to be a long term solution to identify the new entrance as opposed to arrows in the windows.

Member Kerouac expressed his understanding the request is to allow three awning signs for the business.

In response to a comment from Chair Hunter, Mr. Oesterlein confirmed there would be different size letters and heights.

Member Kerouac expressed his preference that the letter be the same on all three awnings.

Member Kerouac moved to recommend the Village Board approve a sign and awning for Inovasi Restaurant with the condition that the height of the awning letters are the same and less than 7” inches. Member Russ seconded the motion. The motion passed on a unanimous voice vote.

**8. A Public Hearing to Consider a Site Plan to Review New Lights on the Lake Bluff Fire Station at 45 E. Center Avenue**

BCS Croak stated currently, there is only one light over the Fire Department front bay doors and inadequately lighting in the rear of the building. He stated additional lighting is needed because the Fire Department does outdoor practice drills in the evening hours. The plan is to install four light fixtures either 25 or 42 watts in the front and rear of the buildings. Initially a 25 watt light fixture will be installed over the front main door to see how far the beam extends and Staff will move forward with either the 25 or 42 watt depending on the amount of the light generated during the trial. BCS Croak stated the existing box is located over the center door and the other lighting fixtures would be installed on the walls between the doors.

In response to a question from Member Dahlmann, BCS Croak stated the existing light fixture would remain and the new lighting will be on a separate switch which will allow them to be turned off when not in use.

Chair Hunter asked how bright the lights would be and if they would be turned on all the time. Fire Chief David Graf stated the pre-wiring attaches these to lighting system which operates all the Public Safety Building exterior lighting. The light switch would be located on the inner wall of the bay doors. The plan is to use the lights when working or training with the fire engines. The existing lighting fixture will be the single overhead fixture when the light are off.

BCS Croak stated the 25 watt bulb is approximately 2700 lumens and if that is not bright enough the 42 watt will be used and he noted the bulb are the same size.

Fire Chief Graf stated the plan is to install a 25 watt light fixture over the front main door to determine the level of illumination prior to installing four additional light fixtures on the front and rear of the building. He stated the primary concern is not to cast the lighting onto the street or create a bright spot in town.

Member Russ stated the additional fixtures will provide for a better workspace and asked if the existing lights would be replaced. She stated it would be great to have the lights come on each time the fire engines depart the building so people in dark clothing can be seen from the trucks. Member Russ stated four lights in the rear seems minimal and asked if it was because of the location of the power source. Fire Chief Graf stated the front north side has already been pre-wired and there are electrical boxes located in the rear but the wiring needs to be extended through the existing brick wall.

Member Russ expressed her concern regarding the level of illumination and noted the LED's are great lights.

Member Dahlmann inquired of the color of the light fixtures. BCS Croak stated the fixture will be a dark bronze color.

Member Kerouac commented on the multi-level and dimming features for the proposed lights.

Member Kerouac moved to recommend the Village Board approve additional lights for the Lake Bluff Fire Station. Member Dahlmann seconded the motion. The motion passed on the following roll call vote:

Ayes: Dahlmann, Kerouac, Russ and Chair Hunter  
Nays: None  
Absent: Deegan, Sorenson and Rappin

**9. Staff Report**

BCS Croak stated the Village owns the building at 611 Walnut Avenue (north of the Post Office) and uses it for storage. A replacement door has been ordered due to damage at the bottom of the existing door. The existing building is white with dark green trim on the windows and Staff is considering painting the new door north shore green. Following a brief discussion it was the consensus of the ABR to paint the door white.

BCS Croak reported the next regular meeting will be on August 2, 2016.

**10. Adjournment**

There being no further business to consider, Member Kerouac moved to adjourn the meeting. Member Russ seconded the motion. The motion passed on a unanimous voice vote. The meeting adjourned at 8:25 p.m.

Respectfully submitted,

Mike Croak, CBO, CBCO  
Building Codes Supervisor

# VILLAGE OF LAKE BLUFF

## Memorandum

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

**FROM:** Mike Croak, Building Codes Supervisor

**DATE:** September 6, 2016

**SUBJECT:** **Agenda Item #4 - Consideration of a Sign Permit for Homewerks Worldwide at 45-85 Albrecht Road**

---

Homewerks Worldwide is a plumbing supply distributor who recently relocated to the building at 45-85 Albrecht Drive. They are proposing one wall sign above the main entrance to the building. They are requesting exemptions from two sign code requirements: maximum height and maximum area. The allowable height is 20' in the L-1 District. Since the windows at the front entrance are over 20' tall, a wall sign located above the entrance will necessarily be more than 20' tall. The top of the proposed sign will be 32'-4" above grade. They are also requesting an exemption to exceed the maximum allowable area of 60 square feet in order to have a 75.7 square foot sign.

The following is a chart summarizing the measurements of the proposed sign:

<b>Sign Code L-1</b>	<b>Proposed Signage</b>
1.) One wall sign permitted per lot	Complies
2.) Sign shall not exceed 60 sq ft in area	Exemption requested to be 75.7 sq ft
3.) Maximum allowable sign height is 20'	Exemption requested to be 32'-4" to the top of the sign

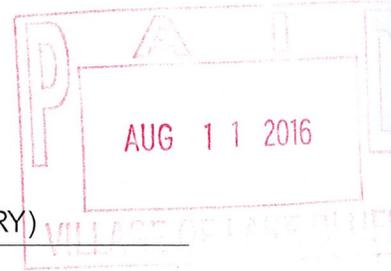
The ABR has the authority to:

- Recommend the Village Board grant or deny an exemption from the Sign Code regulations for the signage as presented;
- Approve a sign permit (with conditions) that complies with all Code regulations; or
- Deny the sign permit.

Phil Genitoni of the Alphabet Shop and Village Staff 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  
SIGN PERMIT APPLICATION (PERMANENT AND TEMPORARY)



Applicant: HomeWerks Worldwide  
Mailing Address: 500 Bond St. Lincolnshire IL. 60069  
Telephone: 224-543-1495 Email Address: ldillion@homewerks.com  
Proposed Sign Address: 45-85 Albrecht Rd.  
Permanent or Temporary Sign: Permanent  
Type of Sign (window, wall, ground, etc.): Wall mount / non-illuminated  
Sign Company Name: The Alphabet Shop  
Contact Individual for Project: Phil Genitori  
Telephone: 630-918-9124 Email Address: phil@alphabetshop.com

**Application Requirements**

**Permanent Signs Requiring Approval by the Architectural Board of Review or the Village Board**

- A scaled drawing showing the lot and building(s) and structure(s) to which the sign(s) is/are to be attached or erected. The exact position of the sign(s) must be noted on the drawing, including the height of sign above grade, as applicable
- A scaled drawing or plan of the sign(s) showing construction details for the sign(s) including all dimensions including; letter sizes and styles, foundation and/or mounting materials, and sign height and width.
- A concise description of the construction materials and colors of all sign components.
- A detail of type and intensity of any lighting or illumination.
- Thirteen (13) paper copies are required if the drawings are in color and/or larger than 11x17.
- Email an electronic copy of the drawings to Mike Croak, Building Codes Supervisor, at [mcroak@lakebluff.org](mailto:mcroak@lakebluff.org)

**Temporary Signs Requiring Approval by the Village Administrator**

- A description of the location of the sign.
- A date when the sign will be erected and when it will be removed.
- A description of the type of sign, the sign materials and the sign size (lighting of temporary signs is prohibited).

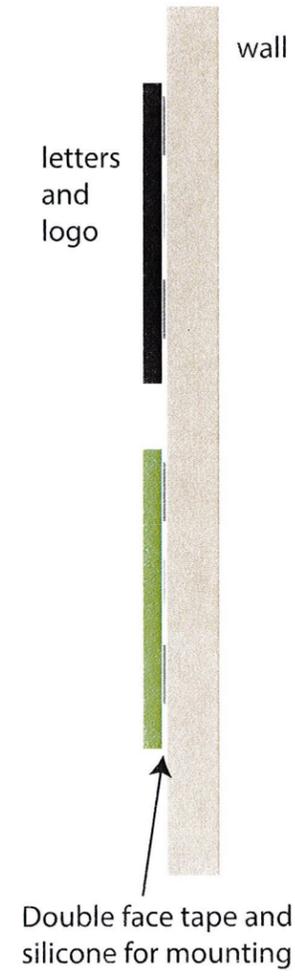
**NOTICE:** Upon receipt of a completed application, including all related drawings and materials, a review date will be provided. The applicant or their designee must attend the review meeting. The Architectural Board of Review generally meets the first Tuesday of each month.

An Architectural Board of Review application fee of \$150 is due at the time of application for all permanent signs. For signs that require an exemption from the Village Sign Code, an escrow deposit is required to cover the Village's out-of-pocket expenses, including attorney's fees to write the resolution approving the sign exemption. Contact the Building Code Supervisor, Mike Croak (847-283-6885), to determine the amount of the escrow for your particular project. Checks should be made payable to the Village of Lake Bluff. A sign permit fee (equal to 3% of the construction cost of the sign) will be collected at the time of permit issuance.



100" h x 109" w x 1/4" thick acrylic logo painted black and green.  
 Logo to be VHB and silicone mounted flush onto concrete exterior.

Mounting Detail



 <small>Copyright 2015 by The Alphabet Shop, Inc.</small>
<b>COMPANY:</b> Homewerks
<b>REFERENCE:</b> Dimensional
<b>VERSION:</b> 03
<b>FILE NAME:</b> HW_Virt_100
<b>JOB NUMBER:</b>
<b>ACCOUNT REP:</b> Phil Genitoni
<b>DATE:</b> August 10, 2016
<b>DESIGNER:</b> CEP

**AUTHORIZED SIGNATURE & DATE:**

The prices, specifications, and conditions as described are satisfactory and are hereby accepted. By signing below you authorize The Alphabet Shop, Inc. to do the work as specified.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

This is an original drawing created by The Alphabet Shop, Inc. for a project being planned for you. This drawing is not to be reproduced, disclosed or transmitted to others for any purpose not authorized by The Alphabet Shop, Inc.

**VILLAGE OF LAKE BLUFF**

**Memorandum**

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

**FROM:** Mike Croak, Building Codes Supervisor

**DATE:** September 6, 2016

**SUBJECT:** **Agenda Item #5 - Consideration of a Sign Permit for the Chevy Exchange at 1 Sherwood Terrace**

---

The Chevy Exchange is requesting approval of banner signs to hang on their existing light poles on their lot at 1 Sherwood Terrace. Banner signs are regulated as flags in the L-1 zoning district. Those regulations are as follows:

*“Flags and flagpoles. No more than three (3) flagpoles and four (4) flags shall be permitted per zoning lot. Flagpoles shall not be permitted in the public right of way. Flagpoles shall be no greater than thirty feet (30’) in height and shall be set back a minimum of ten feet (10’) from all property lines.”*

The Chevy Exchange is requesting an exemption from the sign code in order to have 34 banners on 17 existing light poles. They are also requesting an exemption to the 10’ setback requirement for the four poles on the north side of the lot, as these poles are 7’ to 9’ from the north property line. The light poles are 25’ tall and the banners are proposed to be 6’ tall.

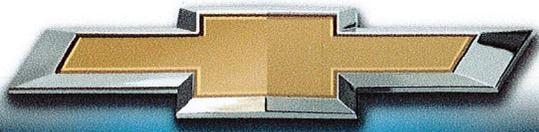
The following is a chart summarizing the measurements of the proposed sign:

<b>Sign Code L-1</b>	<b>Proposed Signage</b>
1.) Four flags on up to 3 poles permitted per lot	Exemption requested to have 34 banners on 17 poles
2.) Flags shall be no greater than 30’ in height	Complies
3.) Flagpoles shall be setback a minimum of 10’ from property lines	Exemption requested for 4 poles on the north side of the lot

The ABR has the authority to:

- Recommend the Village Board grant or deny an exemption from the Sign Code regulations for the signage as presented;
- Approve a sign permit (with conditions) that complies with all Code regulations; or
- Deny the sign permit.

Rafat Alamawi of the Chevy Exchange and Village Staff 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.

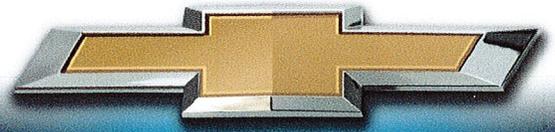


THE  
CHEVY



EXCHANGE

CHEVYEXCHANGE.COM



THE  
CHEVY



EXCHANGE

CHEVYEXCHANGE.COM

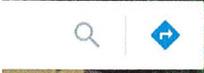


Chevy Exchange 

Google

Skokie Terrace  
IL 60044  
708-765-1111  
Skokie

Imagery ©2016 Google, Map data ©2016 Google, Terms



## VILLAGE OF LAKE BLUFF

### Memorandum

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

**FROM:** Mike Croak, Building Codes Supervisor

**DATE:** September 6, 2016

**SUBJECT:** **Agenda Item #6 -- A Public Hearing to Consider a Site Plan to Review Exterior Alterations to the Central Lake County Joint Action Water Agency Building at 200 Rockland Road**

---

Bill Soucie of the Central Lake County Joint Action Water Agency (CLCJAWA) appeared before the ABR at the July 12 meeting and received a favorable recommendation for the proposed building alterations. Since then CLCJAWA has had a sound engineer measure the existing noise levels outside the water plant and found they aren't in compliance with State standards. Therefore, they have submitted a revised design that will bring the plant into compliance.

The proposed revisions include a 17' long by 9' tall sound wall on the south side of the building, an 8' tall sound wall on the roof of the Solids Processing Building, and the re-location of some vents from the walls to the roof.

### Recommendation:

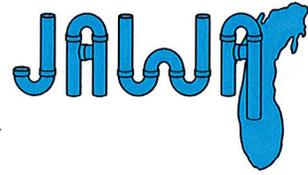
It is recommended the ABR conduct a public hearing to consider modification to the site plan, appropriately question the Petitioner as needed, entertain public comments and questions from the petitioner and make one of the following recommendations regarding the site plan:

- 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.

Bill Soucie, Operations Director for CLCJAWA, and Village Staff 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.

### Attachments:

- Letter dated 8/28/2016 with photo illustrations



August 28, 2016

Michael Croak  
Village of Lake Bluff  
40 E. Center Avenue  
Lake Bluff, IL 60044

Dear Mr. Croak:

The Central Lake County Joint Action Water Agency (CLCJAWA) is requesting an appearance before the Lake Bluff Architectural Board of Review (ABR) to consider two items.

We are replacing our ozone disinfection system as a scheduled project in our capital improvement program. The ARB recently approved appearance changes to our east and south elevations in order to accommodate the new equipment. However, the approved building changes no longer represent what is now being planned.

During the building permit process and subsequent to the ABR review, it was determined that CLCJAWA was out of compliance with Illinois sound emission standards (Title 35:H:I:901.102) in some octave bands and at certain times of the day. It was also determined by our acoustical consultant using noise prediction software, that the new ozone system would also exceed standards. As a result, changes are required to the building's appearance to achieve compliance.

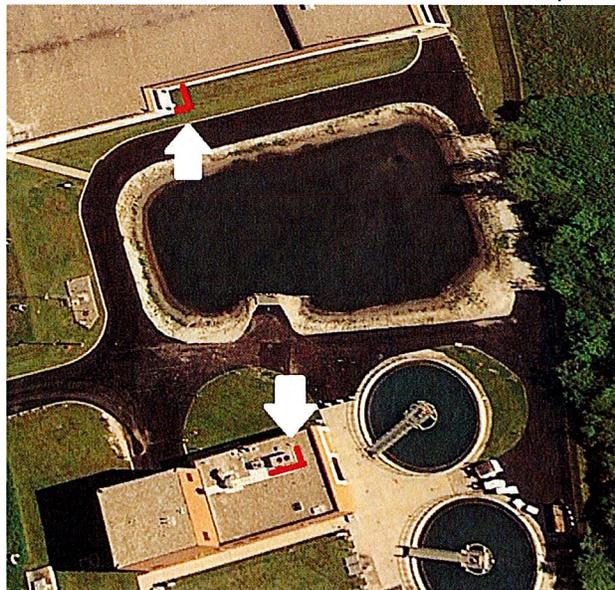
**1. Noise Barrier Sound Remediation for Existing Equipment**

*Backwash Blower Room Inlets/Outlet*

This area is located on the south side of the main building. It would be wrapped with a 17' long by 9' wide by 11' tall sound wall that also contains a double door for access. It is shown at the top of the image in red.

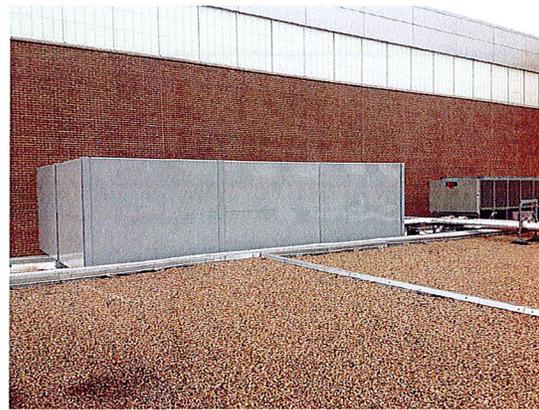
*Roof Top Chiller*

The chiller unit on the roof of our Residual Solids Processing Building requires a sound barrier wall. The proposed wall would wrap around the east and south



sides of the unit and would be perforated inside to absorb sound. The wall would be approximately 20 feet long by 12 feet wide by 8 feet tall. An approximate depiction of the wall is shown at the bottom of the image in red.

Both sound walls will be composed of painted steel and will be perforated inside to absorb sound. CLCJAWA would prefer to use a color similar to that shown in the picture on the right.



## 2. Required Design Changes for Ozone System Sound Compliance

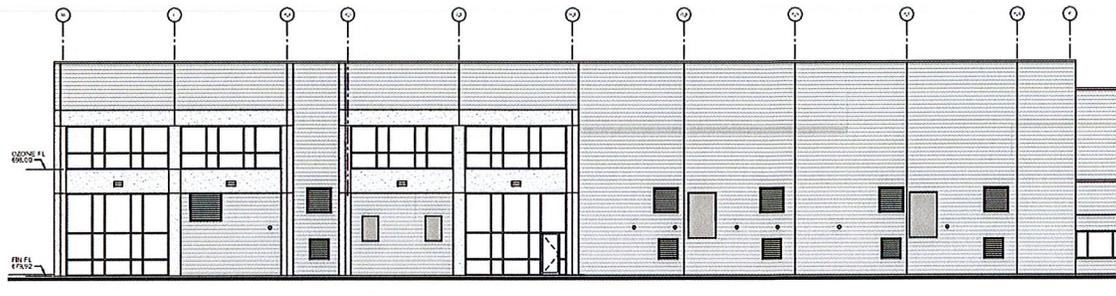
### *East and South Elevations*

The number of previously approved louvers has been reduced in order to direct the sound that would have spilled from them, through the roof and towards the sky. Other louvers will be shielded with acoustical hoods that will extend from the wall and direct sound downwards towards the ground. The pictures on this page show the existing louvers. The top photo is of the building's east elevation. The bottom photo is the building's south elevation.

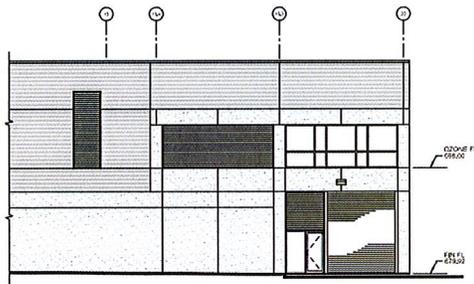


The next page depicts the proposed louvers and hoods on a drawing. The hoods are shown as dark rectangles. They will be colored to match existing building details. Their size is dictated by the required air inlet or exhaust for each piece of equipment or area that they serve.

The two hoods on the right of the drawing will be 66 inches wide, 87 inches tall and will extend 57 inches from the wall. The two hoods on the left of the drawing are 44 inches wide, 65 inches tall and will extend 35 inches from the wall.



**E EAST ELEVATION**  
SCALE: 1/8"=1'-0"  
FILE: 30841304403



**F SOUTH ELEVATION**  
SCALE: 1/8"=1'-0"  
FILE: 30841304403

### Roof Fans

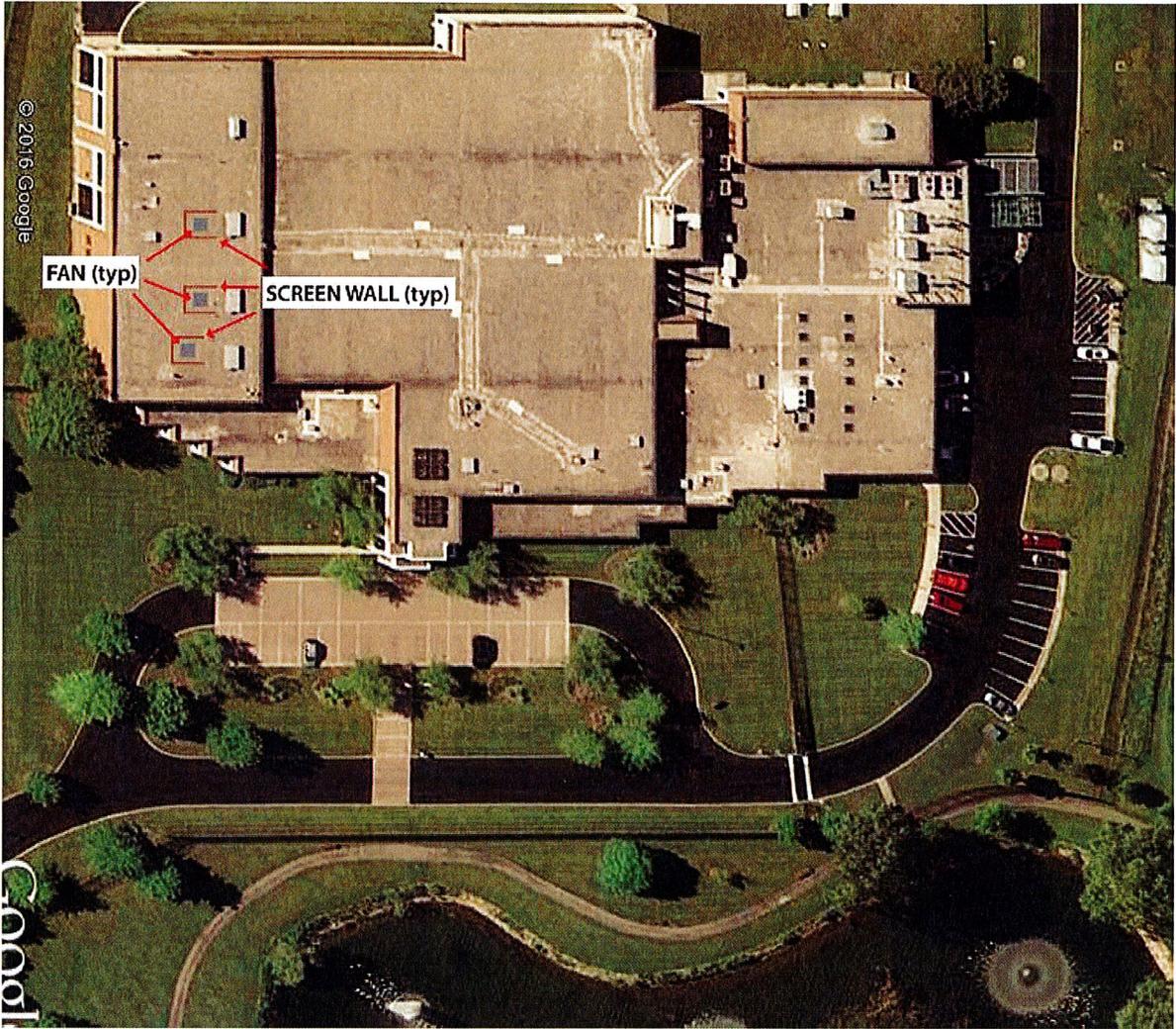
Fans that previously vented out of the east elevation will be relocated to the roof. It is the desire of CLCJAWA not to provide a visual barrier for these fans because of the numerous additional roof penetrations that will be required, maintenance, wind load concerns, appearance and cost. This fans can be ordered with a powder coating. Based on previous ABR preferences, we would recommend concrete gray or similar color.



In order to assess the appearance of these fans alone or the fans obstructed with a screen wall, the following images are presented. The first image depicts an aerial view of the water treatment facility and the location of the needed fans (and visual barriers if required by the ABR). The bottom of the picture faces north.

Two roof mounted fans will be approximately 6.5 feet wide, 6.5 feet long and 4 feet tall. The third will be 7.5 feet wide, 7.5 feet long and 4 feet tall.

Each vision barrier wall would be approximately 5 feet tall, 17 feet long and will be located on the east, north, and south sides of each fan. The size of the screen walls is larger than the equipment to allow maintenance access. If required by the ABR, the color would be as requested by the ABR.



Existing Close-Up View from Driveway (With employees standing in approximate fan area)



Proposed Close-Up View from Driveway (Fans Alone)



Close-Up View from Driveway with Screened Fans



Existing East Elevation View (With employees standing in approximate fan area)



Proposed East Elevation View (Fans Alone)



East Elevation View with Screened Fans



Existing North Elevation Bike Path View (With employees standing in approximate fan area)



Proposed North Elevation Bike Path View (Fans Alone)



North Elevation Bike Path View with Screened Fans

