Meeting of the Village of Buffalo Grove Village Board

Rescheduled Regular Meeting
February 5, 2024 at 7:30 PM

Fifty Raupp Blvd
Buffalo Grove, IL 60089-2100
Phone: 847-459-2500

1. Call to Order

A. Pledge of Allegiance

2. Approval of Minutes

A. Village Board - Regular Meeting - Jan 16, 2024 7:30 PM

3. Approval of Warrant

A. Approval of Warrant #1365 (Trustee Bocek) (Staff Contact: Chris Black)

4. Village President's Report

A. Proclamation for Health for Humanity Yogathon (President Smith) (Staff Contact: Chris Stilling)

5. Village Manager's Report

A. Introduction of the Village's New Human Resources Director (Trustee Stein) (Staff Contact: Dane Bragg)

B. Police Recruitment Video (Trustee Ottenheimer) (Staff Contact: Brian Budds)

6. Special Business

7. Reports from Trustees

8. Consent Agenda

All items listed on the Consent Agenda, which are available in this room this evening, are considered to be routine by the Village Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member or citizen so requests, in which event, the item will be removed from the General Order of Business and considered after all other items of business on the Regular Agenda under New Business. (Attached).

A. R-2024-4 A Resolution Reallocating the 2024 Volume Cap to the Village of Buffalo Grove (Trustee Weidenfeld) (Staff Contact: Nicole Woods)

SUMMARY: The Village is the host of the Private Activity Bond Clearinghouse for Lake County. This is the annual Resolution that transfers the Village's Volume Cap to the Clearinghouse.

B. R-2024-6 Approval of the Revised 2024 Pay Ranges (Trustee Ottenheimer) (Staff Contact: Kathryn Golbach)

SUMMARY: Attached are the proposed updated 2024 pay ranges. The document which became effective on January 1, 2024 has been modified to reflect a change in pay grade 21 to include the proposed new position of Human Resources Generalist.

C. O-2024-14 CRM Project Implementation Services (Trustee Cesario) (Staff Contact: Brett Robinson)

SUMMARY: Staff recommends authorizing the Village Manager to execute a supplemental statement of work with Municipal GIS Partners (MGP) for CRM Project Management, Implementation Services, and optional API for an amount not to exceed $60,125,pending final review and approval of the agreement by the Village Attorney

D. O-2024-15 Ordinance Authorizing a Development Improvement Agreement with Lazy Dog Restaurants LLC (Trustee Stein) (Staff Contact: Kyle Johnson)

SUMMARY: Staff recommends approval of the Development Improvement Agreement with Lazy Dog Restaurants LLC for their restaurant development located at 51 McHenry Road, subject to the receipt of the required fees and Village Attorney review.

E. O-2024-16 Approval of an Amendment to the Special Use and Preliminary Plan and Zoning for a Cellular Tower at the Public Works at 1650 Leider Lane. (Trustee Weidenfeld) (Staff Contact: Nicole Woods)

SUMMARY: The Public Works Department is seeking zoning approvals to allow a 120-foot tower to be constructed at 1650 Leider Lane. The Planning & Zoning Commission unanimously recommended approval of the variations.

F. Community Rating System 2024 Annual Recertification Information (Trustee Stein) (Staff Contact: Kyle Johnson)

SUMMARY: The Village participates in the Community Rating System (CRS) by the National Flood Insurance Program (NFIP). As part of this participation, certain documents are required to be supplied to the community's governing board. These documents will also be made available on the Village website.

G. Authorization to Execute Contract Extensions with Multiple Vendors (Trustee Bocek) (Staff Contact: Tom Wisniewski)

SUMMARY: Staff recommends that the Village President and Board of Trustees authorize staff to execute the following Contract extensions as listed below and further detailed in the attached memo.

A two-year contract option with Fire Safety Consultants for plan review services.

A one-year contract option with Chicago Trenchless Rehabilitation for sewer televising services.

A one-year contract option with National Power Rodding Corp for sewer lining services.

H. Authorization to Procure Architectural Services (Trustee Bocek) (Staff Contact: Tom Wisniewski)

SUMMARY: Staff requests authorization to execute an agreement with FGM Architects for Architectural Services, pending final review and approval of the agreement by the Village Attorney. This is a one year agreement with four possible one year extensions.

I. R-2024-5 Approve a Resolution Authorizing the Village Manager to Execute a Consent Agreement for Bison Crossing (Trustee Stein) (Staff Contact: Chris Stilling)

SUMMARY: As part of the Bison Crossing development, the Village is being requested to approve the attached consent agreement. The consent agreement is part of an amendment to the existing cross access agreement between the Park District and the developer.

9. Ordinances and Resolutions

A. O-2024-17 An Ordinance Authorizing Execution of a Contract with Aldridge Electric Inc. for Streetlight Maintenance (Trustee Bocek) (Staff Contact: Jim Warnstedt)

B. O-2024-18 An Ordinance Authorizing Execution of a Contract with Urban Communications, Inc. for a Communications Tower at 1650 Leider Lane (Trustee Bocek) (Staff Contact: Jim Warnstedt)

C. O-2024-19 Award of Bid Tree Planting (Trustee Bocek) (Staff Contact: Tom Wisniewski)

10. Unfinished Business

11. New Business

12. Public Comment

Public Comment is limited to items that are not on the regular agenda. In accordance with Section 2.02.070 of the Municipal Code, discussion on questions from the audience will be limited to 5 minutes and should be limited to concerns or comments regarding issues that are relevant to Village Board business. All members of the public addressing the Village Board shall maintain proper decorum and refrain from making disrespectful remarks or comments relating to individuals. Speakers shall use every attempt to not be repetitive of points that have been made by others. The Village Board may refer any matter of public comment to the Village Manager, Village staff or an appropriate agency for review.

13. Executive Session

A. Executive Session- Section 2(C)(2) of the Illinois Open Meetings Act: Collective Negotiating Matters Between the Public Body and Its Employees or Their Representatives, or Deliberations Concerning Salary Schedules for One or More Classes of Employees. (President Smith) (Staff Contact: Dane Bragg)

14. Adjournment

The Village Board will make every effort to accommodate all items on the agenda by 10:30 p.m. The Board, does, however, reserve the right to defer consideration of matters to another meeting should the discussion run past 10:30 p.m.

The Village of Buffalo Grove, in compliance with the Americans with Disabilities Act, requests that persons with disabilities, who require certain accommodations to allow them to observe and/or participate in this meeting or have questions about the accessibility of the meeting or facilities, contact the ADA Coordinator at 459-2525 to allow the Village to make reasonable accommodations for those persons.

MINUTES OF THE REGULAR MEETING OF THE VILLAGE PRESIDENT & BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE HELD IN THE JEFFREY S. BRAIMAN COUNCIL CHAMBERS, 50 RAUPP BOULEVARD, TUESDAY, JANUARY 16, 2024

CALL TO ORDER

President Smith called the meeting to order at 7:30 P.M. Those present stood and pledged allegiance to the Flag.

ROLL CALL

Roll call indicated the following present: President Smith; Trustees Johnson, Cesario, Ottenheimer, Stein, Bocek, and Weidenfeld.

Also present were: Dane Bragg, Village Manager; Patrick Brankin, Village Attorney; Chris Stilling, Deputy Village Manager; Mike Skibbe, Deputy Village Manager/Director of Public Works; Evan Michel, Management Analyst; Katie Golbach, Human Resources Manager; Molly Gillespie, Director of Communications; Chris Black, Director of Finance; Nicole Woods, Director of Community Development; Kyle Johnson, Assistant Director of Public Works/Village Engineer; Jim Warnstedt, Deputy Public Works Director; Brett Robinson, Administrative Services Director; Geoff Tollefson, Director of Golf Operations; Fire Chief Baker; and Police Chief Budds.

APPROVAL OF MINUTES

Moved by Ottenheimer, seconded by Johnson, to approve the minutes of the December 4, 2023, Special Meeting. Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Cesario, Ottenheimer, Stein, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

Moved by Cesario, seconded by Johnson, to approve the minutes of the December 4, 2023, Rescheduled Regular Meeting. Upon roll call, Trustees vote as follows:

AYES: 6 – Johnson, Cesario, Ottenheimer, Stein, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

Moved by Stein, seconded by Ottenheimer, to approve the minutes of the January 2, 2024, Regular Meeting. Upon roll call, Trustees vote as follows:

AYES: 6 – Johnson, Cesario, Ottenheimer, Stein, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

WARRANT #1364

Mr. Black read Warrant #1364. Moved by Bocek, seconded by Johnson, to approve Warrant #1364 in the amount of $1,941,555.82 authorizing payment of bills listed. Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Cesario, Ottenheimer, Stein, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

VILLAGE MANAGER'S REPORT

Chief Baker introduced Buffalo Grove's newest firefighter/paramedic, **Alexandra Kiotis**, and reviewed her credentials as she had her badge pinned on by her father. FF/PM Kiotis then thanked her family and friends for

their support and thanked the Board and Buffalo Grove Fire Department for the opportunity to serve our fantastic and welcoming community.

Mr. Bragg noted that **Evan Michel**, who has been our Management Analyst in the Village Manager's office for almost ten years, will be leaving Buffalo Grove soon to begin a position in another unit of government. Mr. Bragg reviewed the innumerable and varied responsibilities that Evan has taken on over the years and thanked him for his dedication to Buffalo Grove and our residents. Mr. Bragg stated that he will be missed and wished him much success in his future endeavors.

Howard Green, Conductor of the Buffalo Grove Symphonic Band, praised Evan for his dedication to the band and thanked him for the immeasurable help that he has been to the band over the years.

Board members all thanked Evan for all of the help that he has been to the Board and the staff, notably the person that they call when there is any type of a crisis with technology or many other "behind the scenes" issues.

CONSENT AGENDA

President Smith explained the Consent Agenda, stating that any member of the audience or the Board could request that an item be removed for full discussion; there were no such requests. The Village Clerk read a brief synopsis of each of the items on the Consent Agenda.

Police Social Worker

Motion to approve Memorandum of Understanding between the Village of Mount Prospect and the Village of Buffalo Grove to provide Police Social Worker and/or Mental Health Professional Coverage.

The Police Department seeks to enter into a Memorandum of Understanding with the Village of Mount Prospect to assist with Social Workers/Mental Health coverage when back-up assistance is needed.

Resolution No. 2024-2 Village-Wide Street Maintenance MFT

Motion to pass Resolution No. 2024-2 Calendar Year 2024 Village-Wide Street Maintenance Motor Fuel Tax. The proposed resolution meets the requirements of the Illinois Department of Transportation for the use of Motor Fuel Tax funds for FY 2024 for the Village-wide street maintenance program.

Ordinance No. 2024-5 - Safetylane Automotive Equipment

Motion to pass Ordinance No. 2024-5 authorizing the purchase of a Two Post Vehicle Lift from Safetylane Automotive Equipment. The proposed ordinance authorizes the Village Manager to purchase a post lift through the Sourcewell purchasing cooperative in accordance with the Illinois Joint Purchasing Act in an amount not to exceed $48,203.00.

Ordinance No. 2024-6 - Disposal of Surplus Village Personal Property

Motion to pass Ordinance No. 2024-6 authorizing the Disposal of Surplus Village Personal Property. A list of Village owned property that will be disposed of during FY 2024 is included in Board packets. The assets were either used for trade-in or outright disposed of during the year. All capital assets will be removed from the Village's balance sheet.

Ordinance No. 2024-7 - Veterinary Emergency Group

Motion to pass Ordinance No. 2024-7 approving an Amendment to Planned Unit of Development Ordinance No. 2022-92 with Sign Variations at 43 McHenry Road. Veterinary Emergency Group (VEG) is requesting approval of an Amendment to Ordinance No. 2022-92 to allow for a modified sign package with sign variations for a wall sign at 43 McHenry Road.

Ordinance No. 2024-8 – Minaz Cafe and Indian Grocery

Motion to pass Ordinance No. 2024-8 approving a Special Use for Supermarket and Food Store, Minaz Cafe, and Indian Grocery at 21 N. Buffalo Grove Road. Minaz Cafe and Indian Grocery Store is seeking a Special Use for a Supermarket and Food Store in the B-5 District at 21 N. Buffalo Grove Road. The previous tenant was Arrow Groceries, a similar use to the proposed use.

Ordinance No. 2024-9 - SDG Dundee LLC

Motion to pass Ordinance No. 2024-9 authorizing a Development Improvement Agreement with SDG Dundee LLC. Staff recommends approval of the Development Improvement Agreement with the Shorewood Development Group for a Tesla Dealership at the Bison Crossing commercial building development located at 915-945 Dundee Road, subject to the receipt of the required fees and Village Attorney review and approval.

Ordinance No. 2024-10 - Aptakisic Jr. High School

Motion to pass Ordinance No. 2024-10 approving a Plat of Consolidation, a Zoning Map Amendment, a Preliminary Plan, an Amendment to Ordinance No. 2017-35, and Zoning Variations at Aptakisic Jr. High School, 1231 Weiland Road & 1351 Abbot Court. School District 102 is proposing to connect the Aptakisic Jr. High school and the administrative office building by constructing a building addition connecting the two buildings at 1231 Weiland Road & 1351 Abbot Court.

Moved by Ottenheimer, seconded by Bocek, to approve the Consent Agenda as presented. Upon roll call, Trustees voted as follows on the Consent Agenda:

AYES: 6 – Johnson, Cesario, Ottenheimer, Stein, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

ORDINANCE NO. 2024-11 – F-150 PURCHASE

Moved by Bocek, seconded by Weidenfeld, to pass Ordinance No. 2024-11 authorizing waiver of competitive bidding and authorizing the Village Manager to purchase one (1) Ford F-150 Lightning from Arlington Heights Ford in an amount not to exceed $53,209.03.

Mr. Warnstedt reviewed the proposed ordinance, details of which are contained in Mr. Wallace's memo to Mr. Bragg of January 12, 2024.

Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Cesario, Ottenheimer, Stein, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

RESOLUTION NO. 2024-3 – COMMUNITY BRAND

Moved by Johnson, seconded by Cesario, to pass Resolution No. 2024-3, adopting the Buffalo Grove Community Brand Key Findings and Creative Assets.

Ms. Gillespie began by thanking the Board and the community for their support and participation in this project, after which she reviewed a PowerPoint presentation as well as her memo to Mr. Bragg of January 12, 2024, further detailing the Community Branding initiative.

Comments from the Board followed, with Ms. Gillespie receiving many thanks for all of the hard work and effort that she invested in this project.

Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Cesario, Ottenheimer, Stein, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

ORDINANCE NO. 2024-12 – SDG DUNDEE DEVELOPMENT

Moved by Stein, seconded by Weidenfeld, to pass Ordinance No. 2024-12 approving a Redevelopment Agreement with SDG Dundee Development LLC for the redevelopment of the existing property located at 915-945 Dundee Road, Buffalo Grove, IL to be known at Bison Crossing in accordance with materials contained in Board packets and subject to review and approval by the Village Attorney.

Ms. Woods reviewed the proposed ordinance, details of which are contained in the memo that she and Mr. Stilling sent to the Board dated January 12, 2024.

Ryan Fitzgerald, Shorewood Development Group, presented an update and further details on the project, after which he answered comments and questions from the Board.

Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Cesario, Ottenheimer, Stein, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

ORDINANCE NO. 2024-13 – BISON CROSSING

Moved by Stein, seconded by Ottenheimer, to pass Ordinance No. 2024-13 providing for the issuance of Tax Increment Financing Revenue Notes (Buffalo Grove Dundee Road Project) of the Village of Buffalo Grove, Lake and Cook Counties, Illinois, and providing for the Execution of Note Orders in Connection Therewith, in accordance with materials provided in Board packets and pending final review and approval by the Village Attorney.

Ms. Woods reviewed the proposed ordinance, details of which are contained in the memo that she and Mr. Stilling sent to the Board dated January 12, 2024.

Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Cesario, Ottenheimer, Stein, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

QUESTIONS FROM THE AUDIENCE

President Smith reviewed the parameters to be followed by speakers and asked if there were any questions from the audience on items not on tonight's agenda.

Evan Michel, 50 Raupp Boulevard, began by thanking the Board for their kind and complementary comments tonight. Mr. Michel noted that the past ten years in Buffalo Grove have been a wonderful experience for him and he thanked all of his colleagues and mentors for the pleasure of coming to work each day. The opportunities afforded him to work in so many different areas with the residents of this wonderful community have been invaluable to him and much appreciated.

EXECUTIVE SESSION

Moved by Johnson, seconded by Cesario, to move to Executive Session to discuss: Section 2(C)(1) of the Illinois Open Meetings Act: the Appointment, Employment, Compensation, Discipline, Performance, or Dismissal of Specific Employees of the Public Body or Legal Counsel for the Public Body, Including Hearing Testimony on a Complaint Lodged Against an Employee of the Public Body or Against Legal Counsel for the Public Body to Determine Its Validity.

Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Cesario, Ottenheimer, Stein, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

The Board moved to Executive Session from 8:54 P.M. until 9:34 P.M.

ADJOURNMENT

Moved by Stein, seconded by Cesario, to adjourn the meeting. Upon voice vote, the motion was unanimously declared carried.

The Regular Meeting was adjourned at 9:35 P.M.

_____
Janet M. Sirabian, Village Clerk

APPROVED BY ME THIS 5th DAY OF February 2024

_____
Village President

Action Item : Approval of Warrant #1365

Recommendation of Action

Staff recommends approval.

TOTAL WARRANT #1365- $3,629,265.76

ATTACHMENTS:

- 1365 Warrant_Summary Page (PDF)

Trustee Liaison
Bocek

Staff Contact
Chris Black, Finance

Monday, February 5, 2024	

VILLAGE OF BUFFALO GROVE WARRANT #1365
5-Feb-24

General Fund:	**1,711,733.52**
Parking Lot Fund:	**0.00**
Motor Fuel Tax Fund:	**0.00**
Debt Service Fund:	**0.00**
School & Park Donations:	**0.00**
Lake Cook Rd TIF Fund:	**0.00**
Capital Projects-Facilities:	**8,286.80**
Capital Projects-Vehicles/Equipment:	**121,344.81**
Capital Projects-Streets:	**88,203.50**
Retiree Health Savings (RHS):	**0.00**
Water Fund:	**218,649.19**
Buffalo Grove Golf Fund:	**3,761.98**
Arboretum Golf Fund:	**9,179.17**
Refuse Service Fund:	**53,480.24**
Information Technology Internal Service Fund:	**67,546.71**
Central Garage Internal Service Fund:	**109,292.31**
Building Maintenance Internal Service Fund:	**88,571.60**
	2,480,049.83
PAYROLL PERIOD **ENDING** 1/14/2024	**1,149,215.93**
TOTAL WARRANT #1365	**3,629,265.76**

APPROVED FOR PAYMENT BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, ILLINOIS

Village Clerk

Village President

Attachment: 1365 Warrant_Summary Page (2024-1 : Approval of Warrant #1365)

Information Item : Proclamation for Health for Humanity Yogathon

Recommendation of Action

Approval

A proclamation recognizing the Health for Humanity Yogathon.

ATTACHMENTS:

- proc (DOC)

Trustee Liaison
Smith

Staff Contact
Chris Stilling, Community Development

Monday, February 5, 2024	

VILLAGE OF BUFFALO GROVE

Proclamation

Village of Buffalo Grove

IN RECOGNITION OF THE HEALTH FOR HUMANITY YOGATHON
(SURYA NAMASKAR YAJNA)
ORGANIZED BY HINDU SWAYAMSEVAK SANGH USA
JANUARY 13-28, 2024

WHEREAS, YOGA is an ancient Hindu practice developed thousands of years ago in the Indian subcontinent for maintaining spiritual, mental, and physical wellbeing;

WHEREAS, SURYA NAMASKAR, or Sun Salutation, is a traditional yogic practice combining a sequence of postures with breathing exercises;

WHEREAS, HINDU SWAYAMSEVAK SANGH, or HSS, is a nonprofit charitable organization with over 234 branches in 171 cities and in 36 states including 6 branches in the state of Illinois, through which it conducts a Hindu values education program and community service activities such as highway clean up, annual health for humanity yogathon, food drive in several cities across IL;

WHEREAS, HSS is organizing its annual Health for Humanity Yogathon with the goal of having one million Surya Namaskar (Sun Salutation) by collectively or to promote the spiritual, mental, and physical wellbeing of all diverse members of the community. This is the 17th year of nationwide health for humanity yogathon;

WHEREAS, YOGA enthusiasts, yoga studios, local schools, and other community organizations are participating in the HSS Health for Humanity Yogathon.

NOW THEREFORE, I, Eric Smith, Village President of the Village of Buffalo Grove, do hereby recognize HSS for organizing its annual Health for Humanity Yogathon to promote the spiritual, mental, and physical wellbeing of all members of the community. We thank HSS for their outstanding job with helping to preserve the ancient heritage and cultural values around the world.

Proclaimed this 5th day of February, 2024.

_____

Eric N. Smith,
Village President

Attachment: proc (2024-1 : Proclamation for Health for Humanity Yogathon)

Information Item : Introduction of the Village's New Human Resources Director

Recommendation of Action

Presentation

The Village Manager will be introducing the Village's new Human Resources Director Katie Golbach.

Trustee Liaison
Stein

Staff Contact
Dane Bragg, Office of the Village Manager

Monday, February 5, 2024	

Information Item : Police Recruitment Video

Recommendation of Action

Staff will be sharing the latest Police recruitment video

Trustee Liaison
Ottenheimer

Staff Contact
Brian Budds, Police

Monday, February 5, 2024	

Resolution No. R-2024-4 : A Resolution Reallocating the 2024 Volume Cap to the Village of Buffalo Grove

Recommendation of Action

Staff recommends approval.

SUMMARY: The Village is the host of the Private Activity Bond Clearinghouse for Lake County. This is the annual Resolution that transfers the Village's Volume Cap to the Clearinghouse.

ATTACHMENTS:

- Buffalo Grove 2024 Volume Cap Letter (PDF)
- Resolution (DOCX)

Trustee Liaison
Weidenfeld

Staff Contact
Nicole Woods, Community Development

Monday, February 5, 2024	

January 17, 2024

Mr. Dane Bragg, Village Manager
Village of Buffalo Grove
Sent via email to: DBragg@vbg.org

Dear Mr. Bragg:

I am writing to request your municipality's participation in Lake County's Private Activity Bond Clearinghouse (PABC) in 2024. Each year, Lake County Partners contacts the home rule communities in Lake County to request a pooling together of the volume cap to ensure the best use of our collective private activity bond allocation. The PABC cap for each year is transferred to the Village of Buffalo Grove, the Pool's host home rule community. *If your municipality is interested in participating, your governing body must approve a resolution and submit it to the Governor's Office before Friday, May 10, 2024. A sample resolution is attached for your use.*

Since its inception, the Lake County PABC has funded nearly $200,000,000 in local projects, which has resulted in the construction of over 360,000 sq. ft. of new manufacturing space, the creation of 648 new manufacturing jobs, the renovation of 1,600 multi-family dwelling units, the purchase of an estimated 251 homes by first-time homebuyers, the expansion of a Montessori School, and the construction of a new solid waste disposal cell.

Please click on the following link to review the: "State of Illinois' Guidelines and Procedures for the Allocation of Private Activity Bonding Authority in Accordance with the Tax Reform Act of 1986 and 30 ILCS 345". Per page 4 of this document, this year's per capita amount is $125.00, and the population data estimates outlined within these guidelines are based on Census information. **The population estimate for Village of Buffalo Grove is 42,569, bringing your municipality's 2024 allocation to $5,321,125.00.**

Your municipality's approval of a resolution to transfer its volume cap to the Village of Buffalo Grove will preserve the volume cap in Lake County for a three-year period for the important reasons outlined above. **Lake County Partners therefore requests that you place a resolution similar to the attached example on your Board's schedule for approval and forward the approved resolution to the attention of the Governor's Office as soon as possible in the manner outlined within page 3 of the above hyperlinked Guidelines and Procedures document; please note that all reporting submissions are to be submitted in both hard copy and electronic format.**

Please copy me at bprusila@lakecountypartners.com on your Board's actions and subsequent notification to the Governor's Office, or notify me if your community chooses not to participate in this year's pool so that we may more effectively manage the process next year. If you have any specific questions or concerns, please feel free to get in touch directly at 847-597-1230.

We appreciate your support and look forward to working with you.

Sincerely,

Barbara C. Prusila
Marketing & Communications Director

VILLAGE/CITY OF BUFFALO GROVE
RESOLUTION NO. 2024-____

A RESOLUTION OF THE VILLAGE OF BUFFALO GROVE, ILLINOIS REALLOCATING 2024 VOLUME CAP TO THE VILLAGE OF BUFFALO GROVE, ILLINOIS.

WHEREAS, the Village of Buffalo Grove, Lake County, Illinois the ("Municipality"), is a municipality and a home rule unit of government duly organized and validly existing under Section 6(a) of Article VII of the 1970 Constitution and laws of the State of Illinois; and

WHEREAS, certain tax-exempt private activity bonds may be issued only if sufficient volume cap pursuant to Section 146 of the Internal Revenue Code of 1986, as amended (the "Code"), is available for the bonds; and

WHEREAS, pursuant to the Code, the Municipality has been allocated volume cap equal to $125.00 per resident of the Municipality in calendar year 2024, or $5,321,125.00 for the issuance of such tax-exempt private activity bonds; and

WHEREAS, pursuant to Section 6 and Section 6.1 of the Illinois Private Activity Bond Allocation Act, 30 ILCS 345/1 *et seq.* (the "Bond Allocation Act"), and the Guidelines and Procedures promulgated thereunder, the Municipality may, prior to May 10, 2024, reallocate to other home rule units of government the volume cap allocated to the Municipality by the Code for their issuance of such tax exempt private activity bonds or for subsequent transfer or reallocation; and

WHEREAS, the Municipality has not used any of its 2024 volume cap and has no present intention to use the same; and

WHEREAS, the Lake County Partnership for Economic Development, Inc. has offered Lake County home rule communities the opportunity to participate in a program to combine their respective volume cap allocations and create a Private Activity Bond Clearinghouse Pool (the "Pool") to facilitate the issuance of tax-exempt private activity bonds to finance manufacturing and multi-family housing commercial projects in Lake County, Illinois, for economic development purposes ("Eligible Projects"); and

WHEREAS, the Village of Buffalo Grove, a home rule unit of government ("Buffalo Grove"), pursuant to its Resolution No. 2001-51 adopted December 17, 2001, agreed to host the Pool and to reserve its own volume cap, and accept volume cap reallocated to Buffalo Grove by other home rule units of government, for the issuance of tax-exempt private activity bonds placed through the Pool to finance Eligible Projects; and

WHEREAS, Buffalo Grove has requested that the Municipality reallocate all of its 2024 volume cap to Buffalo Grove to be used for the issuance of tax-exempt private activity bonds placed through the Pool to finance Eligible Projects;

NOW, THEREFORE, BE IT RESOLVED BY LAKE COUNTY, ILLINOIS, AS FOLLOWS:

SECTION ONE: RECITALS. The foregoing recitals are incorporated in and made a part of this Resolution by this reference as findings of the Village Board.

SECTION TWO: TRANSFER AND REALLOCATION OF 2024 VOLUME CAP. Pursuant to Section 6 and Section 6.1 of the Bond Allocation Act and the Guidelines and Procedures promulgated thereunder, the Municipality irrevocably agrees to, and does hereby, transfer and reallocate all of its 2024 volume cap to Buffalo Grove to be used for the issuance of tax-exempt private activity bonds placed through the Pool to finance Eligible Projects as directed by the Advisory Committee created pursuant to Buffalo Grove Resolution No. 2001-51.

SECTION THREE: AGREEMENT. This Resolution shall constitute the agreement of the Municipality to a different allocation under Section 146(e) (3) of the Code and the writing required under Section 6 of the Bond Allocation Act.

SECTION FOUR: WARRANTY. The Municipality covenants and warrants that it has taken no action or issued bonds that would abrogate, diminish, or impair its ability to fulfill the written agreement, covenants, and undertakings on its part under this Resolution.

SECTION FIVE: AUTHORIZATION. As required by the Bond Allocation Act and the Guidelines and Procedures promulgated thereunder, a certified copy of this Resolution shall be transmitted to the Office of the Governor of the State of Illinois. Any and all appropriate and proper officers, officials, agents, and employees of the Municipality are hereby authorized, empowered, and directed to take all necessary and advisable actions, and to execute all such documents and certificates, as may be necessary to further the purposes and intent of this Resolution.

SECTION SIX: MAINTAIN RECORD. The Municipality shall maintain a written record of this Resolution in its records for so long as the bonds to which the volume cap transferred by this Resolution is reallocated remain outstanding.

SECTION SEVEN: EFFECTIVE DATE. This Resolution shall be in full force and effect from and after its passage and approval as required by law and is enacted by the Municipality pursuant to its powers under the laws of the State of Illinois and the Illinois Constitution of 1970 and its home rule powers.

PASSED THIS ___ DAY OF _____, 2024
AYES:
NAYS:
ABSENT:
PASSED THIS ___ DAY OF _____, 2024

_____
Eric Smith, Village President

ATTEST:

_____
Janet Sirabian, Village Clerk

Resolution No. R-2024-6 : Approval of the Revised 2024 Pay Ranges

Recommendation of Action

Staff recommends approval.

SUMMARY: Attached are the proposed updated 2024 pay ranges. The document which became effective on January 1, 2024 has been modified to reflect a change in pay grade 21 to include the proposed new position of Human Resources Generalist.

ATTACHMENTS:

- HR Generalist BOT Memo 2.5.24 (DOCX)
- Revised Pay Ranges 2024 Resolution (DOC)
- Copy of 2024 Draft Pay Ranges rev. 1.31.24 (PDF)

Trustee Liaison	**Staff Contact**
Ottenheimer	Kathryn Golbach,

Monday, February 5, 2024	

VILLAGE OF

BUFFALO GROVE

MEMORANDUM

DATE: February 5, 2025

TO: Dane Bragg, Village Manager

FROM: Kathryn Golbach, Human Resources Director

RE: Update to 2024 Pay Ranges

Recommendation

Staff recommends approval of the updated 2024 pay ranges to include the position of Human Resources Generalist.

Background

As part of the Villages ongoing strategic initiative to the restructuring of the Human Resources Department, staff has identified the need to backfill the vacant HR Manager position with an HR Generalist position. The recruitment of an HR Generalist aligns our resources with the evolving needs of our organization and ensures we continue to provide exemplary HR support to all departments. This role will play a key part in supporting a range of HR functions and will serve as a versatile resource to the overall success of the department.

Action Required

Staff seeks board action to approve the updated 2024 pay ranges to begin an active recruitment for an HR Generalist.

Attachment: HR Generalist BOT Memo 2.5.24 (R-2024-6 : Revised 2024 Pay Ranges)

RESOLUTION NO. 2024-_____

A RESOLUTION APPROVING THE REVISED 2024 PAY RANGES FOR VILLAGE OF BUFFALO GROVE EMPLOYEES

WHEREAS, on December 5, 2023, the Village President and Board of Trustees adopted the Village of Buffalo Grove's fiscal year 2024 budget, and;

WHEREAS, on December 5, 2023, the Village President and Board of Trustees approved the 2024 pay ranges, and;

WHEREAS, the 2024 pay ranges have been revised so that they are more accurately aligned with both the internal and external labor market and;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS as follows:

1. The Village of Buffalo Grove does hereby approve the revised 2024 Pay Ranges for Village of Buffalo Grove Employees (attached).
2. The revised 2024 Pay Ranges will become effective upon approval, unless noted otherwise within the attached Pay Range document or applicable collective bargaining agreement.

AYES: _____

NAYES: _____

ABSENT: _____

PASSED: _____. APPROVED:_____

ATTEST: APPROVED:

_____ _____

Village Clerk Village President

Attachment: Revised Pay Ranges 2024 Resolution (R-2024-6 : Revised 2024 Pay Ranges)

Village of Buffalo Grove

2024 Pay Ranges

with a general wage increase of three percent (3%) awarded on January 1, 2024

Position	New Min	Step	New Max	Step
Pay Grade 74	$148,364.32	433	$221,112.32	513
Deputy Village Manager				
Pay Grade 70	$139,744.80	421	$208,268.32	501
Director of Finance				
Police Chief				
Fire Chief				
Director of Public Works				
Director of Community Development				
Pay Grade 66	$119,726.88	390	$179,325.12	471
Deputy Fire Chief				
Director of Human Resources				
Deputy Police Chief				
Deputy Public Works Director/Village Engineer				
Pay Grade 62	$111,096.96	375	$165,570.08	455
Communications Director				
Battalion Chief				
Deputy Director of Finance				
Administrative Services Director				
Deputy Public Works Director				
Deputy Community Development Director				
Police Commander				
Pay Grade 58	$105,691.04	365	$157,514.24	445
Police Lieutenant				
Building Services Manager				
Head Golf Professional BG & Arbo				
Public Works Superintendent				
Assistant Village Engineer				
Pay Grade 56	$98,072.00	350	$146,161.60	430
Police Sergeant				
Pay Grade 54	$91,457.60	336	$136,302.40	416
Civil Engineer II				
Principal Planner				
EMS Educator				
Pay Grade 50	$127,745.28	403	$141,851.84	424
Fire Lieutenant/ Paramedic				

Attachment: Copy of 2024 Draft Pay Ranges rev. 1.31.24 (R-2024-6 : Revised 2024 Pay Ranges)

(May 1, 2023 - April 30, 2024)				
Pay Grade 46	$125,222.24	399	$139,050.08	420
Fire Lieutenant/ Non-Paramedic				
(May 1, 2023 - April 30, 2024)				
Pay Grade 42	$84,443.84	320	$125,848.32	400
Public Works Manager				
Purchasing Manager				
Civil Engineer I				
Assistant to the Village Manager				
Administrative Support Manager				
Human Resources Manager				
Pay Grade 34	$78,748.80	306	$117,361.92	386
Plan Reviewer				
Crew Leader				
Technical Services Administrator				
Pay Grade 29	$74,172.80	294	$120,927.04	392
Firefighter/Paramedic				
(May 1, 2023 - April 30, 2024)				
Pay Grade 25	$81,140.80	312	$119,726.88	390
Patrol Officer				
(January 1 , 2023 - December 31, 2023)				
Pay Grade 21	$73,072.48	291	$108,902.56	371
Building Inspector				
Health Inspector				
Electrical & Mechanical Inspector				
Fire Inspector				
EMA Coordinator				
Deputy Fire Marshal				
Plumbing Inspector				
Administrative Services Manager				
Property Maintenance Inspector				
Mechanic II				
Accountant				
Associate Planner				
Human Resources Generalist				
Deputy Village Clerk				
Engineering Technician				
Management Analyst				
Head Golf Professional				
Maintenance Worker II				
Buyer				
Social Worker				

Attachment: Copy of 2024 Draft Pay Ranges rev. 1.31.24 (R-2024-6 : Revised 2024 Pay Ranges)

Pay Grade 17	$62,603.84	260	$93,300.48	340
Public Education Officer-Fire				
Permit Coordinator				
Maintenance Worker I				
Pay Grade 13	$54,716.48	233	$80,335.84	310
Administrative Assistant				
Utility Billing Coordinator				
Accounts Payable Coordinator				
Payroll Coordinator				
Assistant Golf Professional				
Evidence Custodian				
Communications Coordinator				
Pay Grade 9	$50,267.36	216	$74,915.36	296
Community Service Officer				
Desk Officer				
Clerk				
Pay Grade 5	$28,897.44	105	$43,066.40	185
Fleet Maintenance Shop Assistant				
Engineering Aide				
Pay Grade 1	$27,907.36	98	$38,592.32	163
School Crossing Guard				
Laborer				
Golf Course Attendant				

Attachment: Copy of 2024 Draft Pay Ranges rev. 1.31.24 (R-2024-6 : Revised 2024 Pay Ranges)

Ordinance No. O-2024-14 : CRM Project Implementation Services

Recommendation of Action

Staff recommends Approval

SUMMARY: Staff recommends authorizing the Village Manager to execute a supplemental statement of work with Municipal GIS Partners (MGP) for CRM Project Management, Implementation Services, and optional API for an amount not to exceed $60,125,pending final review and approval of the agreement by the Village Attorney

ATTACHMENTS:

- MGP Memo (DOCX)
- MGP CRM Ordinance (DOCX)
- 2024-01-30 MGP SSOW (PDF)

Trustee Liaison
Cesario

Staff Contact
Brett Robinson, Finance

Monday, February 5, 2024	

VILLAGE OF
BUFFALO GROVE

MEMORANDUM

DATE: February 1, 2024

TO: Dane Bragg, Village Manager

FROM: Brett Robinson, Administrative Services Director

SUBJECT: CRM Project Implementation Services

Recommendation

Staff recommends authorizing the Village Manager to execute a supplemental statement of work with Municipal GIS Partners (MGP) for CRM Project Management, Implementation Services, and optional API for an amount not to exceed $60,125, pending final review and approval of the agreement by the Village Attorney.

Background

Due to the complexities of implementing and integrating a Customer Relationship Management (CRM) software package, staff reached out to MGP whom the Village has used for GIS services, and data management for over 10 years and most recently used for custom SharePoint software development.

MGP will perform full project management services at a cost of $39,405.00. Optional work for custom API programming allowing for CRM integration with existing software packages is set a not to exceed amount of $20,720. Work for both items will be billed monthly at an hourly rate of $185.

This work is considered supplemental work pursuant to the 2024 GIS Consortium Service Provider Contract Section 1.2

ORDINANCE 2024-____

AN ORDINANCE AUTHORIZING THE PURCHASE OF MGP IMPLEMENTATION SERVICES

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Village of Buffalo Grove seeks to improve communication with residents; and

WHEREAS, the Village negotiated with the vendor to achieve favorable pricing.

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows**:**

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Village Manager is authorized to enter into an agreement with MGP for supplemental services specific to CRM implementation at a price not to exceed $60,125.00, pending review and approval of the agreement by the Village Attorney.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and not be codified.

AYES: _____
NAYES: _____
ABSENT: _____
PASSED: _____, 2024
APPROVED: _____, 2024

APPROVED:

_____
Eric Smith, Village President

ATTEST:

_____
Janet Sirabian, Village Clerk

Attachment: MGP CRM Ordinance (O-2024-14 : CRM Project Implementation Services)

Municipal GIS Partners

www.mgpinc.com

Supplemental Statement of Work

Pursuant to and in accordance with Sections 1.2 of that certain GIS Consortium Service Provider Contract dated January 1, 2024 (the "Contract") between the Village of Buffalo Grove, an Illinois municipal corporation (the "Municipality") and Municipal GIS Partners, Incorporated (the "Consultant"), the parties hereby agree to the following SUPPLEMENTAL STATEMENT OF WORK, effective January 1, 2024 ("SSOW"):

In consideration of the mutual covenants and agreements hereinafter set forth the Municipality and the Consultant agree to:

Project Scope

This project consists of implementing a Customer Relationship Management (CRM) system for the Village of Buffalo Grove. Detailed below are the specific outcomes for each level of service: GIS Integration, Implementation Advising, and Full Project Management.

GIS Integration

The Village has an existing agreement with Municipal GIS Partners (MGP) to deliver an enterprise GIS program. GIS Integration services are included in the Village's existing agreement. The outcomes for GIS Integration include:

1. Contract provisions meet GIS integration best practices.
2. GIS data is validated and prepared for software integration.
3. GIS data and map services are integrated with software.

Contract provisions meet GIS integration best practices.

MGP will deliver provisions to be included in a contract agreement with the software provider that outlines industry best practices for GIS integration. This includes GIS data and map services.

GIS data is validated and prepared for software integration.

MGP will consult with the Village and software provider to align on requirements to integrate GIS data. The consultation will determine Village needs and the data required to meet those needs. MGP and the software provider will determine the best practice for integrating the GIS data and map services. MGP will validate GIS data and update as needed to fulfill Village needs.

GIS data is integrated with software.

MGP will provide GIS data and map services to the software based on technical capability and best practices.

Implementation Advising

Implementation Advising will provide the Village consulting and technical resources beyond the GIS. Outcomes for Implementation Advising include:

1. Systems will be integrated using industry best practices.
2. Software will be implemented based on contract provisions.

Systems will be integrated using industry best practices.

MGP will advise the Village and software provider on best practices related to all system integrations. Best practices will follow the people, process, and technology framework:

- **People-** experts that manage a system including ongoing maintenance and support.
- **Process**- clear procedures and accountabilities.
- **Technology-** the technical solution such as software.

Software will be implemented based on contract provisions.

MGP will advise the Village through the implementation process. This includes providing recommendations to ensure the provisions of the contract are met to the satisfaction of the Village.

Full Project Management

Full Project Management provides the Village complete leadership of the software implementation project. Outcomes for Full Project Management include:

1. Coordination of the project from integration to adoption.
2. Complete assessment and improvement of business processes that the software will support.
3. All data is high quality.
4. Village staff adopt the software and maintain it after implementation.

Coordination of the project from integration to adoption.

MGP will coordinate and manage the entire project. Project management includes establishing milestones & benchmarks, adhering to schedule, coordinating stakeholders, and reporting.

Complete assessment and improvement of business processes that the software will support.

MGP will conduct mapping and optimization sessions with Village staff for each business process the software will support. MGP will consult with the software provider to ensure the technology supports the optimized Village process.

All data is high quality.

MGP will validate and prepare all data for the software implementation. Data quality standards and governance will be established.

Village staff adopt the software and maintain it post implementation.

MGP will recommend clear accountabilities around the software. This includes the people and processes required for continued support and maintenance.

Attachment: 2024-01-30 MGP SSOW (O-2024-14 : CRM Project Implementation Services)

Fees

The Consultant estimates the project will require 213 hours at a total cost of $39,405.00.

Additional time and material may be required depending on the state of data in the systems to be integrated. Additional hours required to complete the project would be billed at the Consultant's hourly rate of $185.00.

The total Supplemental Statement of Work value is not-to-exceed **$60,125.00**.

The Consultant will issue monthly invoices to the Municipality based on the number of hours worked the previous month.

Additional Out-of-Scope Services

MGP can provide services that are beyond the scope of this agreement as requested by the Municipality. Add-on services include but are not limited to:

Software System Administration

- It is intended that Village staff will be the administrators of the software. MGP can administer the software but that is not included in the scope of this quotation.

Contract Management

- It is intended that the Village will manage the software provider contract. MGP can manage the entire software provider contract, however, that is outside the scope listed in this quotation.

MGP will provide a scope of services including cost proposal based on the work requested.

Additional Services Rate: $185.00 per hour

SIGNATURE PAGE FOLLOWS

Attachment: 2024-01-30 MGP SSOW (O-2024-14 : CRM Project Implementation Services)

Signature Page to Supplemental Statement of Work

IN WITNESS WHEREOF, the undersigned have placed their hands and seals hereto as of _____, _____.

ATTEST:

By: _____
Name:_____
Its:_____

VILLAGE OF BUFFALO GROVE

By:_____
Name:_____
Its:_____

ATTEST:

By:_____
Name: Donna Thomey
Its: Management Support Specialist

CONSULTANT:

MUNICIPAL GIS PARTNERS, INCORPORATED

By:_____
Name: Thomas A. Thomey
Its: President and General Manager

Attachment: 2024-01-30 MGP SSOW (O-2024-14 : CRM Project Implementation Services)

Ordinance No. O-2024-15 : Ordinance Authorizing a Development Improvement Agreement with Lazy Dog Restaurants LLC

Recommendation of Action

Staff recommends approval subject to the review and approval by the Village Attorney.

SUMMARY: Staff recommends approval of the Development Improvement Agreement with Lazy Dog Restaurants LLC for their restaurant development located at 51 McHenry Road, subject to the receipt of the required fees and Village Attorney review.

ATTACHMENTS:

- DIA Memo_Lazy Dog DIA_01-30-2024 (DOCX)
- DIA Ordinance_Lazy Dog_01-30-2024 (DOCX)
- DIA_Lazy Dog_Cash Deposit_1.12.2024 (DOCX)
- 23035 - Engineer's Estimate_2023-12-01 (PDF)
- 23035 - LD Buffalo Grove - CDs (4th)_r (PDF)
- VAC230819.LD_R2 (PDF)

Trustee Liaison
Stein

Staff Contact
Kyle Johnson, Engineering

Monday, February 5, 2024	

VILLAGE OF
BUFFALO GROVE

MEMORANDUM

DATE: February 1, 2024

TO: Dane Bragg, Village Manager

FROM: Kyle Johnson, Deputy Public Works Director/Village Engineer

SUBJECT: Lazy Dog Restaurant Development Improvement Agreement (51 McHenry Road)

Lazy Dog Restaurants LLC, the developers of 51 McHenry Road, are proposing developing the site on the northeast corner of Lake Cook Road and IL-83 into a restaurant known as Lazy Dog.

The Development Improvement Agreement, or DIA, is an agreement between the Developer and the Village and identifies the items to be constructed by the developer on the project site. Typical items include stormwater management, parking lots, and all of the utilities such as water main, and sanitary sewer. With this agreement, the developer agrees to provide security as required in the Village Code until the developer completes the required items.

Engineering and legal staff at the Village are currently working with Lazy Dog Restaurants and their consultants to finalize all documentation necessary to approve the DIA. Staff recommends Village Board approval of the DIA subject to review and approval by the Village Attorney once all information has been received.

Attachment: DIA Memo_Lazy Dog DIA_01-30-2024 (O-2024-15 : Lazy Dog Development Improvement Agreement)

ORDINANCE 2024-____

AN ORDINANCE AUTHORIZING A
DEVELOPMENT IMPROVEMENT AGREEMENT WITH LAZY DOG RESTAURANTS, LLC

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Village seeks to enter into a Development Improvement Agreement (DIA) with Lazy Dog Restaurants, LLC ("Developer") for site improvements associated with the Lazy Dog Restaurant commercial development at 51 McHenry Road,

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows**:**

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Development Improvement Agreement is approved subject to review and approval by the Village Attorney.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and shall not be codified.

AYES: _____
NAYES: _____
ABSENT: _____
PASSED: _____, 2024
APPROVED: _____, 2024

APPROVED:

_____
Eric N. Smith, Village President

ATTEST:

_____
Janet Sirabian, Village Clerk

Attachment: DIA Ordinance_Lazy Dog_01-30-2024 (O-2024-15 : Lazy Dog Development Improvement Agreement)

Lazy Dog
Development Name

DEVELOPMENT IMPROVEMENT AGREEMENT

THIS AGREEMENT ("Agreement"), made and entered into as of this 5th day of February, 2024 by and between the VILLAGE OF BUFFALO GROVE, an Illinois Municipal Corporation, and having its office at Village Hall, 50 Raupp Boulevard, Buffalo Grove, Illinois (hereinafter called the "Village"), and Lazy Dog Restaurants, LLC, a California corporation (hereinafter called "Developer").

WITNESSETH:

WHEREAS, Developer desires to improve the real property described in Exhibit "A" attached hereto and made a part hereof (the "Property"), and in compliance with the Village's Development Ordinance, Developer has submitted to the Village certain (i) plans prepared by Proof Civil, who are registered professional engineers dated January 8, 2024 and described in more detail in Exhibit "C" attached hereto and made a part hereof (the "Plans"); and,

WHEREAS, the Village is willing to approve said Plans, provided that this Agreement is executed as a condition precedent to the issuance of building permits for any buildings to be constructed on the Property to insure the completion of certain site improvements.

NOW, THEREFORE, it is mutually agreed as follows:

1. Developer shall furnish, or cause to be furnished, at their own cost and expense, all the necessary material, labor, and equipment to complete the improvements listed on Exhibit "B" attached hereto, and all other site improvements not specifically set forth, which are required by applicable ordinances or agreements (collectively, the "Improvements"), all in a good and workmanlike manner and in accordance with all pertinent ordinances and regulations of the Village and in accordance with the Plans (including any subsequent revisions requested by Developer and approved in writing by the Village pursuant to the Village's Development Ordinance). All utility lines and services to be installed in the street shall be installed prior to paving.

2. Attached hereto as Exhibit "D" is a complete cost estimate for the construction of the Improvements. No later than three (3) business days following the execution of this Agreement and prior

Attachment: DIA_Lazy Dog_Cash Deposit_1.12.2024 (O-2024-15 : Lazy Dog Development Improvement Agreement)

to the issuance of a building permit for the Improvements, Developer shall deposit cash in the amount of Two Hundred Four Thousand Two Hundred Sixty-Seven and 00/100 Dollars ($204,267.00) (the "Cash Deposit") as further described in Paragraph 9 herein.

3. All work shall be subject to inspection by and the approval of the Village Engineer. It is agreed that the contractors who are engaged to construct the Improvements are to be approved by the Village Engineer and that such approval will not be unreasonably withheld, conditioned, or delayed.

4. Developer has paid or will pay the Village a Review and Inspection Fee, as required by Ordinance. It is understood that said fee is based on the amount of the contracts or cost estimate for those items in Exhibit "B".

5. Prior to the time Developer or any of its contractors begin any of the work provided for herein, Developer, and/or its contractors shall furnish the Village with evidence of insurance covering their employees in such amounts and coverage as is reasonably acceptable to the Village. Nothing herein shall waive any immunities the Village may assert in response to or defense of any such claim.

In addition, by its execution of this Agreement, Developer agrees to protect, indemnify, save and hold harmless, and defend the Village and its employees, officials, and agents, against any and all claims, costs, causes, actions, and expenses, including but not limited to reasonable attorney's fees incurred by reason of a lawsuit or claim for damages or compensation brought by any third party against the Village, on account of personal injuries or death, or damages to property occurring, growing out of, incident to, or resulting directly or indirectly, from the performance of the work by Developer, independent contractors or sub-contractors or their officers, agents, or employees as their work relates to Developers scope of work on the Property. Developer shall have no liability or damages for the costs incident thereto to the extent caused by the sole negligence or intentional misconduct of the Village, its independent contractors or sub-contractors or their officers, agents, or employees.

6. Subject to Force Majeure (as defined herein), Developer shall cause the Improvements to be completed within thirty-six (36) months following the date of this Agreement (except any Improvements for which specified time limits are noted on the Plans, which shall be completed within the specified time limits shown on the Plans). "Force Majeure" as used herein shall mean a delay in Developer's performance

Attachment: DIA_Lazy Dog_Cash Deposit_1.12.2024 (O-2024-15 : Lazy Dog Development Improvement Agreement)

hereunder caused by a strike or labor problem, energy shortage, governmental pre-emption or prescription, national emergency, or any other cause of any kind beyond the reasonable control of Developer. If work is not completed within the time prescribed herein, the Village shall have the right to draw on the Cash Deposit for the purpose of completing the Improvements. Upon completion of the Improvements herein provided for, as evidenced by the certificate or certificates of the Village President and Board of Trustees, the Village shall be deemed to have accepted said Improvements, and thereupon, Cash Deposit shall automatically be reduced to serve as security for the obligations of Developer as set forth in Paragraph 7 hereof. Developer shall cause its consulting engineers to correct drawings to show work as actually constructed and said engineers shall turn over high quality Mylar reproducible copies thereof to the Village to become the Village's property prior to acceptance of the Improvements by the President and Board of Trustees.

7. Developer, for a period of one year beyond formal acceptance by the Village of any Improvements shall be responsible for maintenance, repairs and corrections to such Improvements which may be required due to failures or on account of faulty construction or due to Developer's negligence and/or its contractors' negligence. The obligation of Developer hereunder shall be secured by the Cash Deposit as described in Paragraph 9 hereof.

8. It is agreed that no occupancy permit shall be granted by any official for the construction of any structure until all required utility facilities set forth in the Plans (to include, but not by way of limitation, sanitary sewer, water and storm sewer systems) have been installed and made ready to service the Property; and that all parking lots or access drives (to include curbs) set forth in the Plans that provide access to the Property have been completely constructed, except for the designed surface course. It is understood and agreed that building permits may be granted for buildings on specific lots to which utility facilities have been installed and made ready for service and to which parking lots or access drives have been constructed as described above, notwithstanding the fact that all improvements within the Property may not be completed.

9.A. The obligations of Developer hereunder as to the deposit of security for the completion of the Improvements and the one-year maintenance of said Improvements after acceptance by the Village

Attachment: DIA_Lazy Dog_Cash Deposit_1.12.2024 (O-2024-15 : Lazy Dog Development Improvement Agreement)

(Paragraph 7) shall be satisfied upon delivery to the Cash Deposit.

B. The Village hereby agrees to draw funds or to call said performance guarantee under such security solely for the purpose of payment for labor and materials supplied or to be supplied, by engineers, contractors, or subcontractors, to, or for the benefit of Developer or the Village, as the case may be, under the provisions of this Agreement and the said Improvements for which payment is being made shall have been completed, or will be completed, in substantial accordance with the Plans.

C. The Village further hereby agrees that to the extent that Developer causes the Improvements to be completed, the outstanding balance of the Cash Deposit shall be reduced during the course of construction of the Improvements, approximate to the cost of completing all Improvements and paying unpaid contract balances for the completion of the Improvements referred to in this Agreement.

Until all required tests have been submitted and approved by the Village for each of the construction elements including, but not limited to, earthwork, street pavements, parking area pavements, sanitary sewers and water mains (as applicable), a minimum of that portion of the Cash Deposit allocated for each element shall be subject to complete retention. All Improvements are subject to a minimum fifteen (15%) percent retention until final acceptance by the Village.

D. In order to guarantee and warranty the obligations of Paragraph 7 herein, an amount equal to fifteen (15%) percent of the total amount of the Cash Deposit, or an amount equal to fifteen (15%) percent of the cost estimate of the individual Improvement(s) shall be retained from the Cash Deposit for a period of one-year beyond formal acceptance by the Village of the Improvement(s).

E. If roads are not maintained with a smooth and firm surface reasonably adequate for access of emergency vehicles such as fire trucks and ambulances, or if any condition develops which is deemed a danger to public health or safety by the Village due to the actions of Developer or its failure to act; and after written notice of this condition, Developer fails to immediately remedy the condition; then the Village may take action to remedy the situation and charge any expenses which results from the action to remedy the situation to the Cash Deposit. Upon notification that the Cash Deposit has been drawn upon, Developer shall immediately deposit sufficient funds to maintain the Cash Deposit in the amount existing prior to the Village drawing upon the same. If Developer has not made the additional deposit required to

Attachment: DIA_Lazy Dog_Cash Deposit_1.12.2024 (O-2024-15 : Lazy Dog Development Improvement Agreement)

maintain the total cash deposit within three (3) days from the date he received notice that such additional deposit was required, it is agreed that the Village may issue a Stop Work Order or also may revoke all permits which Developer had been granted. The Cash Deposit shall continue to be maintained until the 1-year maintenance guarantee period has lapsed. The Cash Deposit may be drawn upon by the Village if the conditions of this Agreement are not met by Developer within fifteen (15) business days after receipt of a written notice of noncompliance with the conditions of this Agreement, except in cases of danger to public health and safety as determined by the Village, in which case, the Cash Deposit may be drawn upon immediately following notice to Developer and its failure to immediately remedy the situation. Notwithstanding the foregoing, if Developer has taken action to address the notice of noncompliance and is diligently pursuing a cure, the Village shall not draw upon the Cash Deposit if the cure is not effectuated within such five (5) business day period. After termination of the one-year maintenance period and upon receipt by the Village Clerk of a written request for release of the Cash Deposit, the Village will either notify Developer that the Improvements are not in a proper condition for final release of the Cash Deposit or shall release the Cash Deposit within fifteen (15) days.

10. No occupancy permit shall be issued until all exterior lighting specified on Exhibit "C" is installed and operational.

11. Developer acknowledges that it is responsible for the proper control of weeds, grass, refuse, and junk on all property which he owns within the Village in accordance with Chapter 8.32 of the Buffalo Grove Municipal Code. It is further agreed that Developer shall continue to be responsible for the proper maintenance of any parcels of property for which Developer transfers ownership to the Village until such time as the Improvements are accepted by the Village in writing in accordance with the provisions of this Agreement.

If Developer fails to perform its maintenance responsibilities established in either this paragraph or Chapter 8.32, the Village may provide a written notice to Developer of the improper maintenance condition. If proper maintenance is not completed within thirty (30) days after Developer is provided this notice, the Village may perform the maintenance and deduct the costs of the maintenance from the Cash Deposit described in Paragraph 9E. Notwithstanding the foregoing, if Developer has taken

Attachment: DIA_Lazy Dog_Cash Deposit_1.12.2024 (O-2024-15 : Lazy Dog Development Improvement Agreement)

action to address the notice of noncompliance and is diligently pursuing a cure, the Village shall not draw upon the Cash Deposit if the cure is not effectuated within such thirty (30) day period.

13. Developer agrees that no Improvements are sized or located in such a way as to warrant any recapture payment to Developer pursuant to any applicable previous agreements.

14. This Agreement shall automatically terminate and be of no further force and effect with respect to Developer or the Property upon the expiration of the one-year maintenance period, and upon such termination the parties hereto shall have no further obligations to the other, except for the Village's obligation to return the Cash Deposit to Developer. The period commencing on the date set forth in the preamble to this Agreement and expiring on the expiration of the one-year maintenance period is referred to herein as the "Term".

15. This Agreement and the obligations contained herein are in addition to, and not in limitation of, all other agreements between the Parties hereto including, without limitation, the Preliminary Plan or Annexation Approval Ordinance No. dated _____, and the obligations contained therein.

16. Neither party shall cause this Agreement (or any memorandum hereof) to be recorded against the Property.

17. Neither party shall assign this Agreement or any of its terms without the prior, express and written consent of the other party. Furthermore, no assignment of Developer's obligations shall be effective unless and until the Village approves the language of any proposed assignment and substitute security in the amounts required by this Agreement.

Attachment: DIA_Lazy Dog_Cash Deposit_1.12.2024 (O-2024-15 : Lazy Dog Development Improvement Agreement)

IN WITNESS WHEREOF, the Village and Developer have caused this Development Improvement Agreement to be executed as of the date first above written.

VILLAGE OF BUFFALO GROVE, an Illinois Municipal Corporation

By _____

Village President

DEVELOPER:

Lazy Dog Restaurants, LLC
3337 Susan St., Suite 100
Costa Mesa, CA 92626

By: _____

Name: _____

Title: _____

Attachment: DIA_Lazy Dog_Cash Deposit_1.12.2024 (O-2024-15 : Lazy Dog Development Improvement Agreement)

Lazy Dog
(Development Name)

DEVELOPMENT IMPROVEMENT AGREEMENT

EXHIBIT A

LEGAL DESCRIPTION

LOT 2 IN BUFFALO GROVE CENTER RESUBDIVISION OF LOT 1 IN BUFFALO GROVE CENTER, BEING A RESUBDIVISION OF PART OF THE SOUTH 1/2 OF SECTION 33, TOWNSHIP 43 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT OF SAID RESUBDIVISION RECORDED DECEMBER 29, 1983 AS DOCUMENT 2258952 IN LAKE COUNTY, ILLINOIS.

EXCEPTING FROM SAID LOT 2 THAT PORTION TAKEN IN CONDEMNATION CASE NO. 17ED15, AN ORDER VESTING TITLE WAS RECORDED JULY 11, 2018 AS DOCUMENT NO. 7497355, DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHWEST CORNER OF SAID LOT 2; THENCE ON AN ILLINOIS COORDINATE SYSTEM NAD 83(2007) EAST ZONE BEARING OF NORTH 80 DEGREES 43 MINUTES 18 SECONDS EAST ALONG THE NORTHERLY LINE OF SAID LOT 2, A DISTANCE OF 7.99 FEET; THENCE SOUTH 9 DEGREES 16 MINUTES 29 SECONDS EAST, A DISTANCE OF 79.73 FEET; THENCE SOUTHERLY 110.18 FEET ALONG A CURVE TO THE LEFT HAVING A RADIUS OF 1374.69 FEET, THE CHORD OF SAID CURVE BEARS SOUTH 11 DEGREES 34 MINUTES 15 SECONDS EAST, 110.16 FEET; THENCE SOUTH 36 DEGREES 43 MINUTES 08 SECONDS EAST, A DISTANCE OF 24.41 FEET; THENCE SOUTH 65 DEGREES 24 MINUTES 39 SECONDS EAST, A DISTANCE OF 27.87 FEET; THENCE EASTERLY 125.81 FEET ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 2367.83 FEET, THE CHORD OF SAID CURVE BEARS NORTH 76 DEGREES 50 MINUTES 07 SECONDS EAST, 125.79 FEET TO THE EAST LINE OF SAID LOT 2; THENCE SOUTH 0 DEGREES 02 MINUTES 06 SECONDS EAST ALONG THE EAST LINE OF SAID LOT 2, A DISTANCE OF 26.70 FEET TO THE SOUTHEAST CORNER OF LOT 2; THENCE WESTERLY 132.03 FEET (130.69 FEET, RECORDED) ALONG THE SOUTHERLY LINE OF SAID LOT 2 ON A CURVE TO THE LEFT HAVING A RADIUS OF 2341.83 FEET, THE CHORD OF SAID CURVE BEARS SOUTH 76 DEGREES 36 MINUTES 15 SECONDS WEST, 132.01 FEET TO THE SOUTHWESTERLY LINE OF LOT 2; THENCE NORTH 60 DEGREES 43 MINUTES 52 SECONDS WEST ALONG THE SOUTHWESTERLY LINE OF SAID LOT 2, A DISTANCE OF 35.61 FEET (35.60 FEET, RECORDED) (35.52 FEET, RECORDED) TO THE WESTERLY LINE OF LOT 2; THENCE NORTHERLY 153.21 FEET (153.48 FEET, RECORDED) (152.10 FEET RECORDED) ALONG THE WESTERLY LINE OF SAID LOT 2 ON A CURVE TO THE RIGHT HAVING A RADIUS OF 1382.69 FEET, THE CHORD OF SAID CURVE BEARS NORTH 12 DEGREES 27 MINUTES 10 SECONDS WEST, 153.14 FEET (152.02 FEET, RECORDED) TO A POINT OF TANGENCY ON SAID WESTERLY LINE; THENCE NORTH 9 DEGREES 16 MINUTES 42 SECONDS WEST ALONG THE WESTERLY LINE OF SAID LOT 2; A DISTANCE OF 79.20 FEET (78.08 FEET, RECORDED) TO THE POINT OF BEGINNING.

KNOWN AS: 51 MCHENRY ROAD, BUFFALO GROVE, IL 60089

PERMANENT INDEX NUMBER: 15-33-301-175

AREA = 37,626.48 SQ. FT. OR 0.86 ACRES

Attachment: DIA_Lazy Dog_Cash Deposit_1.12.2024 (O-2024-15 : Lazy Dog Development Improvement Agreement)

Lazy Dog
(Development Name)

DEVELOPMENT IMPROVEMENT AGREEMENT

EXHIBIT B

All improvements set forth and depicted in the Plans, both public and private, including (to the extent applicable) earthwork, grading, roads or streets, parking lots, areas and/or parking facilities, sidewalks, sanitary and storm sewers, water main, drainage and storm water detention facilities, site grading, street lighting, landscaping, survey monuments and benchmarks.

Attachment: DIA_Lazy Dog_Cash Deposit_1.12.2024 (O-2024-15 : Lazy Dog Development Improvement Agreement)

Lazy Dog
(Development Name)

DEVELOPMENT IMPROVEMENT AGREEMENT

EXHIBIT C

Final Engineering and Landscaping Plans prepared by: PROOFCIVIL consulting engineers

Entitled: Lazy Dog – Buffalo Grove

Consisting of: 10 sheet(s), last revised 01/08/2024

(see following pages)

Attachment: DIA_Lazy Dog_Cash Deposit_1.12.2024 (O-2024-15 : Lazy Dog Development Improvement Agreement)

Lazy Dog
(Development Name)

DEVELOPMENT IMPROVEMENT AGREEMENT

EXHIBIT D

Engineers Opinion of Probable Costs

(see following pages)

Attachment: DIA_Lazy Dog_Cash Deposit_1.12.2024 (O-2024-15 : Lazy Dog Development Improvement Agreement)

PROOFCIVIL
consulting engineers

LAZY DOG - BUFFALO GROVE

ENGINEERS COST ESTIMATE

ESTIMATED COST OF PRIVATE SITE PLAN IMPROVEMENTS

A. SITE

ITEM	QUANTITY		Unit Cost	Total
Asphalt Pavement	321.33	SY	$ 45.00	$ 14,459.85
Sidewalks	2468	SF	$ 6.00	$ 14,808.00
Curb & Gutter	310	LF	$ 25.00	$ 7,750.00
Signage & Striping:				
Signage (Stop, ADA Parking, Etc.)	5	EA	$ 100.00	$ 500.00
Striping	481	LF	$ 2.00	$ 962.00
Accesible Ramps	1	EA	$ 3,000.00	$ 3,000.00
Sub-total A				**$ 41,479.85**

B. UTILITIES

ITEM	QUANTITY		Unit Cost	Total
6" PVC (Storm)	180	LF	$ 55.00	$ 9,900.00
8" PVC (Storm)	11	LF	$ 65.00	$ 715.00
21" RCP	130	LF	$ 105.00	$ 13,650.00
24" RCP	31	LF	$ 112.00	$ 3,472.00
36" RCP	11	LF	$ 120.00	$ 1,320.00
42" RCP	38	LF	$ 125.00	$ 4,750.00
Catch Basin	1	EA	$ 3,000.00	$ 3,000.00
Storm Manhole	3	EA	$ 6,000.00	$ 18,000.00
4" PVC (Sanitary)	25	LF	$ 45.00	$ 1,125.00
6" PVC (Sanitary)	86	LF	$ 55.00	$ 4,730.00
Grease Interceptor	1	EA	$ 10,000.00	$ 10,000.00
Sanitary Manhole	2	EA	$ 6,000.00	$ 12,000.00
6" DIP (Water)	179	LF	$ 70.00	$ 12,530.00
Sub-total B				**$ 95,192.00**

C. EROSION & SEDIMENT CONTROL

ITEM	QUANTITY		Unit Cost	Total
BMPs (Lump Sum)				$ 15,050.00

E. Subtotal	**$ 151,721.85**
F. Site Cleanup (N/A)	$ -
H. Total	**$ 151,721.85**

Attachment: 23035 - Engineer's Estimate_2023-12-01 (O-2024-15 : Lazy Dog Development Improvement Agreement)

PROBABLE BMP COST SHEETS

Standardized Probable Cost Spreadsheet for ***Initial BMPs***

Project Name: 4 (Borrowed from Aurora) Date:

No.	BMP	ID	Unit	Installation Unit Cost	Initial / Interim Quantity	Initial / Interim Cost
1	Check Dam	CD	LF	$ 24.00		$ -
2	Compost Blanket	CB	SF	$ 0.50		$ -
3	Compost Filter Berm	CFB	LF	$ 4.00		$ -
4	Concrete Washout Area	CWA	EA	$ 1,000.00	1	$ 1,000.00
5	Construction Fence	CF	LF	$ 5.00	685	$ 3,425.00
6	Curb Socks	CS	EA	$ 20.00		$ -
7	Diversion Channel	DC	EA	$ 2,000.00		$ -
8	Diversion Dike	DD	LF	$ 1.50		$ -
9	Dewatering	DW	EA	$ 600.00		$ -
10	Erosion Control Blanket	ECB	SY	$ 5.00		$ -
11	Inlet Protection - All types	IP	EA	$ 300.00	4	$ 1,200.00
12	Outlet Protection	OP	EA	$ 250.00		$ -
13	Reinforced Check Dam	RCD	LF	$ 36.00		$ -
14	Rock Socks	RS	LF	$ 10.00		$ -
15	Rough Cut Street Control	RCS	EA	$ 50.00		$ -
16	Sediment Basin	SB	CY	$ 3.00		$ -
17	Sediment Control Log	SCL	LF	$ 3.00		$ -
18	Sediment Trap	ST	EA	$ 600.00		$ -
19	Seeding & Mulching (Less than 10 Acres)	SM	AC	$ 2,500.00	0.13	$ 325.00
	(Greater than 10 Acres)	SM	AC	$ 1,500.00		$ -
20	Silt Fence	SF	LF	$ 2.00	685	$ 1,370.00
21	Silt Fence - Reinforced	SF-R	LF	$ 4.00		$ -
22	Stabilized Staging Area	SSA	SY	$ 2.00	115	$ 230.00
23	Surface Roughening	SR	AC	$ 600.00		$ -
24	Temporary Slope Drain	TSD	LF	$ 25.00		$ -
25	Temporary Stream Crossing	TSC	EA	$ 1,500.00		$ -
26	Terracing	TER		$ -		$ -
27	Tree Protection Fencing	TP	LF	$ 5.00		$ -
28	Vehicle Tracking Control	VTC	EA	$ 1,000.00	1	$ 1,000.00
29	VTC with Wheel Wash	WW	EA	$ 1,500.00		$ -
30	Mobilization (required on all projects)	MB	LS	$ 5,000.00	1	$ 5,000.00
31	Pond Maintenance/Sediment Removal (Based on area tributary to the pond)	PM	AC	$ 1,000.00		$ -
32	Street Maintenance (Based on lane miles of streets within project and adjacent to project)	STM	LM	$ 1,500.00	1	$ 1,500.00
33	Other:_____			$ -		$ -
	Subotal Cost of *Initial* BMPs					$ 15,050.00
34	Maintenance (required on all projects)		%	25% of Subtotal		$ 3,762.50
	Total Cost of *Initial* & *Interim* BMPs					$ 18,812.50
	Fiscal Security Amount					$ 3,762.50

* For Temporary Batch Plant BMPs allow $5000.00 in line 32.

** Fiscal Security required is the higher amount of either the Initial or the Post-Paving, not both.

Attachment: 23035 - Engineer's Estimate_2023-12-01 (O-2024-15 : Lazy Dog Development Improvement Agreement)

PROOF CIVIL GENERAL NOTES:

1. WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, ALL DIMENSIONS AND ELEVATIONS SHALL BE FIELD VERIFIED BEFORE PROCEEDING WITH CONSTRUCTION. NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES IN WRITING.
2. STREET PAVING AND CURBS TO REMAIN SHALL BE PROTECTED FROM DAMAGE, AND, IF DAMAGED, SHALL BE REPLACED TO MEET TXDOT AND/OR MUNICIPAL SPECIFICATIONS IN MATERIALS AND WORKMANSHIP.
3. PROVIDE SMOOTH VERTICAL CURVES THROUGH HIGH AND LOW POINTS INDICATED BY SPOT ELEVATIONS. PROVIDE UNIFORM SLOPES BETWEEN NEW AND EXISTING GRADES. AVOID RIDGES AND DEPRESSIONS.
4. NEW ELEVATIONS INDICATE FINISHED CONDITIONS. FOR ROUGH GRADING ELEVATIONS ALLOW FOR THICKNESS OF NEW PAVING (ROADS, WALKS, DRIVE, ETC.) OR TOPSOIL AS SHOWN.
5. ALL ASPHALT BUTT JOINTS AS SHOWN ON THE PLANS (IF APPLICABLE) AND AS DIRECTED BY THE ENGINEER SHALL BE CONSTRUCTED BY MILLING.
6. ALL APPLICABLE PROVISIONS OF THE CURRENT OCCUPATIONAL SAFETY AND HEALTH ACT ARE HEREIN INCORPORATED BY REFERENCE.
7. IF CONSTRUCTION DEWATERING IS REQUIRED, A STATE CONSTRUCTION DEWATERING DISCHARGE PERMIT IS REQUIRED FOR DISCHARGES TO A STORM SEWER, CHANNEL, IRRIGATION DITCH, ANY STREET THAT IS TRIBUTARY TO THE AFOREMENTIONED FACILITIES, OR ANY WATERS OF THE UNITED STATES. NO DISCHARGES SHALL BE ALLOWED TO THE SANITARY SEWER.
8. ALL UTILITY CONNECTIONS TO EXISTING LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATIONS AND TO THE SATISFACTION OF THE UTILITY OWNER.
9. ALL PORTIONS OF RIGHT OF WAY AND ADJACENT PROPERTIES SHALL BE CLEANED UP AND RESTORED TO THEIR ORIGINAL CONDITION, SUBJECT TO MUNICIPALITY AND/OR STATE APPROVAL
10. WHEN AN EXISTING DRAINAGE ROUTE, EITHER A STORM SEWER OR WATERWAY, IS INTERRUPTED DUE TO SEWER INSTALLATION OR ANY OTHER CONSTRUCTION ACTIVITY, THE DRAINAGE ROUTE SHALL BE REESTABLISHED TO ORIGINAL CONDITIONS BY THE END OF THE SAME WORK DAY. DRAINAGE MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
11. LOCAL GOVERNMENT AGENCIES SHOULD BE CONTACTED BY THE CONTRACTOR FOR LOCATION OF ALL REGULATED AND NON-REGULATED UTILITY LOCATIONS. PLEASE CALL FOR LOCATES 48 HOURS IN ADVANCE OF CONSTRUCTION.
12. SIX (6") INCHES OF TOPSOIL SHALL BE PLACED ON ALL NON-BUILD AREAS WERE NEW GRADING IS SHOWN ON PLANS (GRADING SHOWN IS TO TOP OF TOPSOIL).
13. STORM SEWER SHALL BE REINFORCED CONCRETE PIPE CLASS III UNLESS OTHERWISE NOTED ON PLANS, SPECIFICATIONS, OR JURISDICTIONAL STANDARDS.
14. NO PAVEMENT WORK IS ALLOWED ADJACENT TO CURB AND GUTTER FOR A MINIMUM OF 7 DAYS AFTER CURB PLACEMENT.
15. BACK FILLING OF CURB IS PROHIBITED UNTIL THREE DAYS AFTER CURB PLACEMENT.
16. ASPHALT JOINTS FOR BINDER, AND SURFACE COURSES ARE TO BE STAGGERED.
17. BAND-SEAL CONNECTORS SHALL BE USED TO JOIN PIPES OF DISSIMILAR MATERIAL.
18. ALL MANHOLES SHALL HAVE "STORM" OR "SANITARY" CAST INTO LID UNLESS OTHERWISE DIRECTED BY JURISDICTIONAL STANDARDS AND SPECIFICATIONS.
19. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE PLANS (APPROVED BY GOVERNING JURISDICTION), ONE (1) COPY OF THE APPROPRIATE STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES AND A COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED AT THE JOB SITE AT ALL TIMES.
20. EXCEPT WHERE OTHERWISE PROVIDED FOR IN THESE PLANS AND SPECIFICATIONS, JURISDICTIONAL SPECIFICATIONS LATEST EDITION SHALL GOVERN.
21. ALL EXISTING TOPOGRAPHY, UNDERGROUND UTILITIES, STRUCTURES AND ASSOCIATED FACILITIES SHOWN ON THESE DRAWINGS HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEREFORE, THEIR LOCATIONS AND ELEVATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHER FACILITIES, THE EXISTENCE OF WHICH ARE NOT PRESENTLY KNOWN. CONTRACTOR IS TO VERIFY ALL EXISTING STRUCTURES AND FACILITIES AND NOTIFY ENGINEER/ARCHITECT OF ANY DISCREPANCIES PRIOR TO STARTING WORK.

LAKE COUNTY STORMWATER MANAGEMENT COMMISSION SOIL EROSION AND SEDIMENT CONTROL CONSTRUCTION NOTES

A. SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
B. FOR THOSE DEVELOPMENTS THAT REQUIRE A DESIGNATED EROSION CONTROL INSPECTOR (DECI), INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
- UPON COMPLETION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING PERIMETER CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
- AFTER EVERY SEVEN (7) CALENDAR DAYS OR STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.

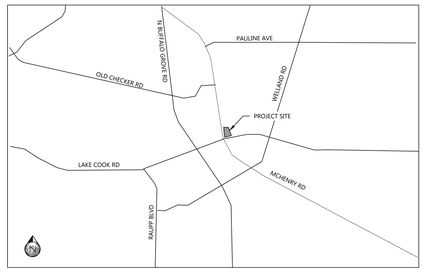
C. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
D. A STABILIZED MAT OF CRUSHED STONE MEETING IDOT GRADATION CA-1 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, OR OTHER APPROPRIATE MEASURE(S) AS APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
E. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN.
F. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
G. ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND DESIGNATED BUFFERS.
H. SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE MEASURESAS APPROVED BY THE ENFORCEMENT OFFICER.
I. APPROPRIATE EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN THE NORMAL WATER LEVEL AND HIGH WATER LEVEL.
J. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
K. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DISCHARGES SHALL BE ROUTED THROUGH AN APPROVED ANIONIC POLYMER DEWATERING SYSTEM OR A SIMILAR MEASURE AS APPROVED BY THE ENFORCEMENT OFFICER. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE ENFORCEMENT OFFICER, OR APPROVED REPRESENTATIVE, MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
L. IF INSTALLED SOIL EROSION AND SEDIMENT CONTROL MEASURES DO NOT MINIMIZE SEDIMENT LEAVING THE DEVELOPMENT SITE, ADDITIONAL MEASURES SUCH AS ANIONIC POLYMERS OR FILTRATION SYSTEMS MAY BE REQUIRED BY THE ENFORCEMENT OFFICER.
M. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
N. ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVE OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
O. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, ENFORCEMENT OFFICER, OR OTHER GOVERNING AGENCY.

LAKE COUNTY DIVISION OF TRANSPOTATION SOIL EROSION AND SEDIMENT CONTROL GENERAL NOTES

A. AREAS OR EMBANKMENTS WITH 2:1 SLOPES OR STEEPER SHALL BE STABILIZED WITH SOD OR EROSION CONTROL BLANKET (SPECIAL) IN COMBINATION WITH SEEDING.
B. ANY SEDIMENT OR SOIL TRACKED OFF THE SITE SHALL BE REMOVED BY SCRAPING OR STREET SWEEPING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT.
C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ALL EXISTING AREAS (TO REMAIN) AFFECTED BY CONSTRUCTION ACTIVITIES, EQUIPMENT, OR LABORERS TO THE ORIGINAL UNDISTURBED CONDITIONS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL THE COMPLETION OF THE CONTRACT.
D. PERIMETER EROSION BARRIER SHALL BE INSTALLED AT LOCATIONS SPECIFIED IN THE PLANS AT 1 FOOT OUTSIDE THE TOE OF SLOPE OR INSIDE THE RIGHT-OF-WAY WHICHEVER IS CLOSER TO THE CENTERLINE, OR AS DIRECTED BY THE ENGINEER PRIOR TO THE START OF ANY EARTHWORK, CULVERT, OR STORM SEWER CONSTRUCTION.
E. THE PERIMETER EROSION BARRIER SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED WITH VEGETATION. AT THIS TIME, THE PERIMETER EROSION BARRIER SHALL BE REMOVED AND AREAS DAMAGED BY THE PERIMETER EROSION BARRIER REMOVAL SHALL BE RESTORED. THE RESTORATION OF THE AREA DISTURBED BY THE PERIMETER EROSION BARRIER REMOVAL SHALL BE INCLUDED IN THE PAY ITEM OF PERIMETER EROSION BARRIER.
F. THE INSTALLATION & REMOVAL OF PERIMETER EROSION BARRIER SHALL BE PAID FOR UNDER THE ITEM OF PERIMETER EROSION BARRIER, MAINTENANCE OF PERIMETER EROSION BARRIER SHALL BE PAID FOR UNDER THE ITEM OF MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS.
G. TEMPORARY DITCH CHECKS SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD DETAIL SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE DITCH CHECKS SHALL BE INSTALLED AS GRADING PROGRESSES THROUGH THE PROJECT.
H. ALL SEEDED AREAS SHALL BE COVERED WITH EROSION CONTROL BLANKET.

CONSTRUCTION DOCUMENTS
LAZY DOG - BUFFALO GROVE

LOT 2 IN BUFFALO GROVE CENTER RESUBDIVISION OF LOT 1 IN BUFFALO GROVE CENTER, BEING A RESUBDIVISION OF PART OF THE SOUTH ½ OF SECTION 33, TOWNSHIP 43 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, STATE OF ILLINOIS.



VICINITY MAP
SCALE: 1" = 1000'

BASIS OF BEARINGS:

THE BASIS OF BEARINGS IS THE STATE PLAN COORDINATE SYSTEM (SPCS) NAD 83 (2007) ZONE 1201 (ILLINOIS EAST) WITH PROJECT ORIGIN AT:
LATITUDE: 42° 09' 17.33687" N
LONGITUDE: 87° 57' 39.21281" W

ELLIPSOIDAL HEIGHT: 582.718 SF
GROUND SCALE FACTOR: 1.0000411519

ALL MEASUREMENTS ARE ON THE GROUND.

CONTACTS:

DEVELOPER
LAZY DOG RESTAURANTS, LLC
3337 SUSAN STREET, SUITE 100
COSTA MESA, CALIFORNIA 92626

ARCHITECT
GMLV ARCHITECTS
1525 E. DOUGLAS
WICHITA, KS 67211
316.265.9367
DAN WILSON

CIVIL ENGINEER:
PROOF CIVIL
600 GRANT ST., STE 210
DENVER, CO 80203
303.325.5709
JASON DEYOUNG

SHEET INDEX:
C1.0 - COVER SHEET
C2.0 - DEMOLITION PLAN
C2.1 - EROSION CONTROL PLAN
C3.0 - HORIZONTAL CONTROL PLAN
C4.0 - GRADING PLAN
C4.1 - GRADING DETAILS
C5.0 - UTILITY PLAN
C6.0 - DETAILS I
C6.1 - DETAILS II
C6.2 - DETAILS III

PROOFCIVIL consulting engineers
600 Grant Street | Suite 210 | Denver, CO

SEAL:

FOR AND ON BEHALF OF PROOF CIVIL CO.

REVISIONS

NO.	DATE	DESCRIPTION
1	12/11/2023	CITY COMMENTS
2	01/08/2024	CITY COMMENTS

PROJ. NO.: 23035
DATE: 12/14/2023
DRAWN BY: MDS
CHECKED BY: JGD

COVER SHEET

LAZY DOG BUFFALO GROVE

BUFFALO GROVE IL

DRAWING NO.
C1.0

Architect

GLMV Architecture
1525 E. Douglas Wichita, KS 67211
Tel: (316) 265-9367 Fax: (316) 265.5646
www.glmv.com

ARCHITECTS PROJECT #: 18076R23003

DRAWINGS, SPECIFICATIONS, IDEAS, DESIGNS, AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. NO PART THEREOF SHALL BE REPRODUCED, COPIED, ADAPTED, DISCLOSED, DISTRIBUTED, SOLD, PUBLISHED OR USED WITHOUT PRIOR WRITTEN CONSENT OF AND APPROPRIATE COMPENSATION TO THE ARCHITECT. VISUAL CONTACT WITH THE ABOVE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

Stamp and Signature

Issuance

Date		Description
29 NOV 2023	❑	COORDINATION SET
14 DEC 2023	❑	LD PAGE TURN/VE DISCUSSION
09 JAN 2024	❑	PRELIMINARY BID SET
	❑	PLAN CHECK SUBMITTAL
	❑	HEALTH DEPARTMENT SUBMITTAL
	❑	BID SET
	❑	ISSUED FOR CONSTRUCTION

Revision

Date	No.	Description
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	

Consultants

PROOFCIVIL consulting engineers
FIRM NO.: F-23629

Project Name and Location

51 MCHENRY RD
BUFFALO GROVE, IL 60089

Lazy DOG RESTAURANT & BAR

Sheet Title

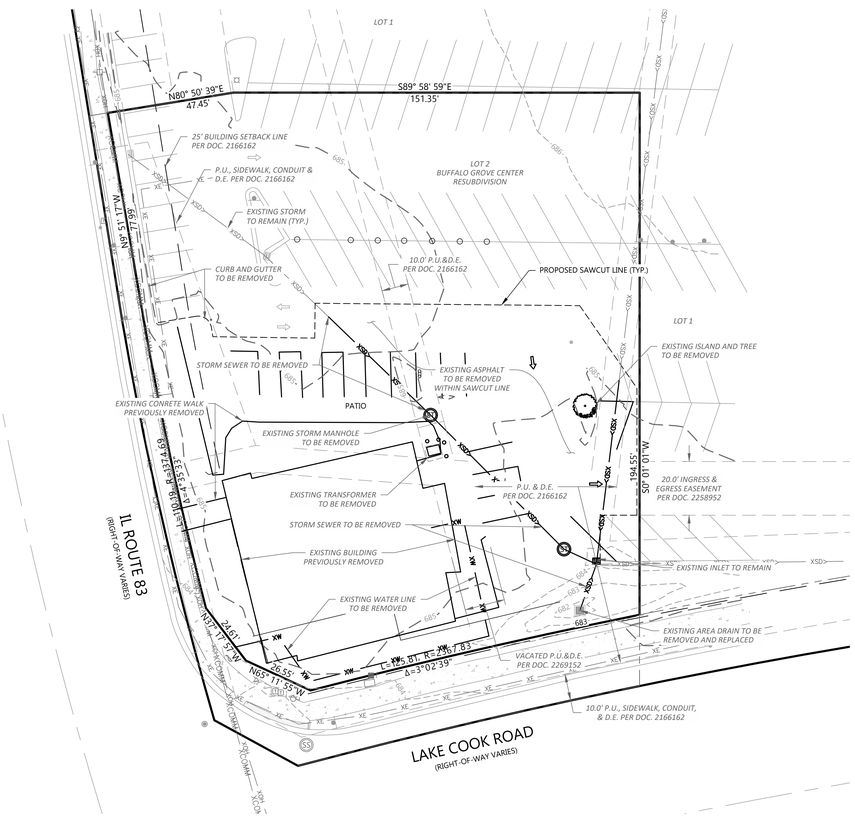
COVER SHEET

Project No.: 23035 Sheet No.:

C1.0

Print Date: 16 January 2024

Attachment: 23035 - LD Buffalo Grove - CDs (4th) 7 (O-2024-15 : Lazy Dog Development Improvement Agreement)



LEGEND:

- PROPERTY LINE
- EXISTING BUILDING TO BE REMOVED
- EXISTING BUILDING TO REMAIN
- EXISTING EASEMENT
- CURB & GUTTER TO BE REMOVED
- EXISTING CURB & GUTTER TO REMAIN
- PROPOSED SAWCUT
- ASPHALT PAVEMENT TO BE REMOVED
- CONCRETE TO BE REMOVED
- XW — EXISTING WATER TO BE REMOVED
- XW — EXISTING WATER LINE TO REMAIN
- HYDRANT & VALVE TO BE REMOVED
- HYDRANT & VALVE TO REMAIN
- XS — EXISTING SANITARY TO BE REMOVED
- XS — EXISTING SANITARY TO REMAIN
- XSD — EXISTING STORM TO BE REMOVED
- XSD — EXISTING STORM TO REMAIN
- XE — EXISTING ELECTRICAL TO BE REMOVED
- XE — EXISTING ELECTRICAL TO REMAIN
- XFO — EXISTING FIBER OPTIC TO BE REMOVED
- XFO — EXISTING FIBER OPTIC TO REMAIN
- XPHON — EXISTING TELECOMM TO BE REMOVED
- XPHON — EXISTING TELECOMM TO REMAIN
- XGAS — EXISTING GAS/FUEL TO BE REMOVED
- XGAS — EXISTING GAS/FUEL TO REMAIN
- XIRR — EXISTING IRRIGATION TO BE REMOVED
- XIRR — EXISTING IRRIGATION TO REMAIN

NOTES:

1. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS SHOWN ON THESE PLANS AND FIELD CONDITIONS.

SAWCUT NOTE:

SAWCUT LIMITS ARE SHOWN AS APPROXIMATES, ALL CONCRETE REMOVAL SHALL BE FULL PANEL/STONE REMOVAL, IE REMOVAL SHALL BE TO NEAREST JOINT.

N

0 10 20 40

SCALE: 1" = 20'

PROOFCIVIL consulting engineers
600 Grant Street | Suite 210 | Denver, CO

SEAL:

FOR AND ON BEHALF OF PROOF CIVIL CO.

REVISIONS

NO.	DATE	DESCRIPTION
1	12/17/2023	CITY COMMENTS
2	01/08/2024	CITY COMMENTS

PROJ. NO.: 23035
DATE: 12/14/2023
DRAWN BY: MDS
CHECKED BY: JGD

DEMOLITION PLAN

LAZY DOG BUFFALO GROVE
BUFFALO GROVE IL

DRAWING NO.
C2.0

Architect

GLMV Architecture
1525 E. Douglas Wichita, KS 67211
Tel: (316) 265-5907 Fax: (316) 265.5646
www.glmv.com

ARCHITECTS PROJECT #: 18076R23003

DRAWINGS, SPECIFICATIONS, IDEAS, DESIGNS, AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. NO PART THEREOF SHALL BE REPRODUCED, COPIED, ADAPTED, DISCLOSED, DISTRIBUTED, SOLD, PUBLISHED OR USED WITHOUT PRIOR WRITTEN CONSENT OF AND APPROPRIATE COMPENSATION TO THE ARCHITECT. VISUAL CONTACT WITH THE ABOVE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

Stamp and Signature

Issuance

Date		Description
29 NOV 2023	❑	COORDINATION SET
14 DEC 2023	❑	LD PAGE TURN/VE DISCUSSION
09 JAN 2024	❑	PRELIMINARY BID SET
	❑	PLAN CHECK SUBMITTAL
	❑	HEALTH DEPARTMENT SUBMITTAL
	❑	BID SET
	❑	ISSUED FOR CONSTRUCTION

Revision

Date	No.	Description
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	

Consultants

PROOFCIVIL consulting engineers
FIRM NO.: F-23629

Project Name and Location

51 MCHENRY RD
BUFFALO GROVE, IL 60089

Lazy DOG restaurant

Sheet Title

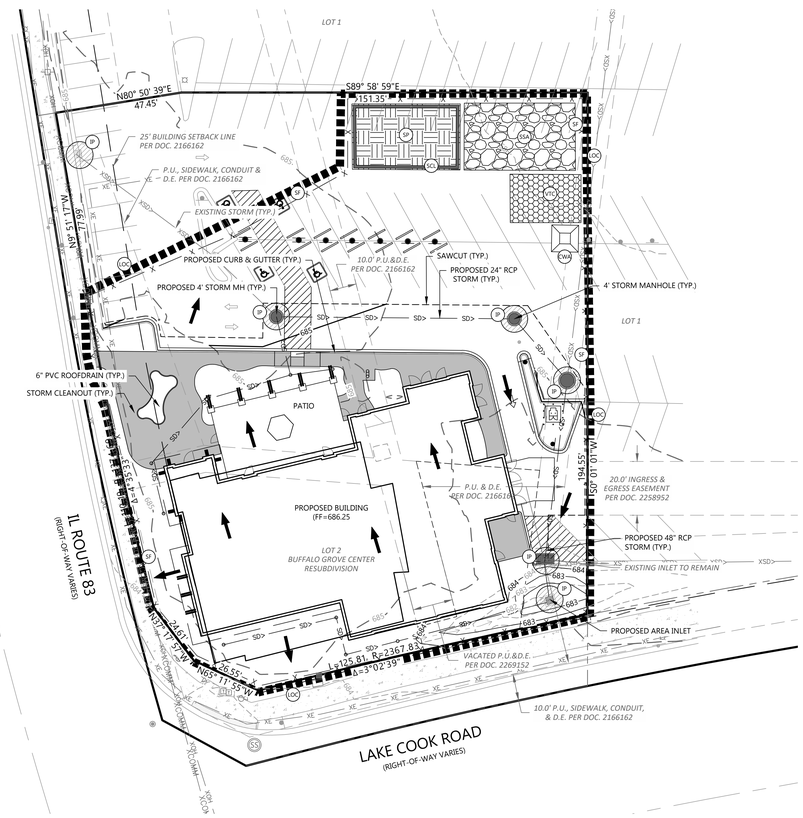
DEMOLITION PLAN

Project No.: 23035 Sheet No.:

C2.0

Print Date: 16 January 2024

Attachment: 23035 - LD Buffalo Grove - CDs (4th) 7 (O-2024-15 : Lazy Dog Development Improvement Agreement)



LEGEND:

- PROPERTY LINE
- PROPOSED BUILDING
- EXISTING EASEMENT
- PROPOSED CURB & GUTTER
- EXISTING CURB & GUTTER
- 5400 PROPOSED 5' CONTOUR
- 5401 PROPOSED 1' CONTOUR
- 5400 EXISTING 5' CONTOUR
- 5401 EXISTING 1' CONTOUR
- LOC LIMITS OF CONSTRUCTION
- IP INLET PROTECTION
- OP OUTLET PROTECTION
- CWA CONCRETE WASHOUT AREA
- VTC VEHICLE TRACKING CONTROL
- SSA STABILIZED STAGING AREA
- SP TEMPORARY STOCKPILE
- SF SILT FENCE
- CF CONSTRUCTION FENCE
- TPR T-POST AND ROPE
- DD DIVERSION DITCH
- SCL SEDIMENT CONTROL LOG
- CS ROCK SOCK
- ST SEDIMENT TRAP
- SB SEDIMENT BASIN
- PS PERMANENT SEEDING
- SR SURFACE ROUGHENING
- ECB EROSION CONTROL BLANKET

NOTES:

1. INSPECTION OF ALL EROSION CONTROL BMP'S SHALL BE REQUIRED AT THE END OF EACH DAY'S WORK, WITH NECESSARY MAINTENANCE AND REPAIRS PROVIDED IMMEDIATELY.
2. STORM DRAIN INLETS SHALL BE PROTECTED FROM THE ENTRY OF SEDIMENT-LADEN WATER UNTIL FINAL STABILIZATION IS COMPLETE.
3. CONSTRUCTION DELINEATOR (T-POST AND ROPE) TO BE POSTS 50 FEET ON CENTER WITH VISIBLE ROPE AND SURVEY FLAGS TO DELINEATE LIMITS OF CONSTRUCTION.

N

0 10 20 40

SCALE: 1" = 20'

PROOFCIVIL
consulting engineers
606 Grant Street | Suite 210 | Denver, CO

SEAL:

FOR AND ON BEHALF OF PROOF CIVIL CO.

REVISIONS

NO.	DATE	DESCRIPTION
1	12/11/2023	CITY COMMENTS
2	01/08/2024	CITY COMMENTS

PROJ. NO.: 23035
DATE: 12/14/2023
DRAWN BY: MDS
CHECKED BY: JGD

EROSION CONTROL PLAN

LAZY DOG BUFFALO GROVE

BUFFALO GROVE IL

DRAWING NO.

C2.1

Architect

GLMV Architecture
1525 E. Douglas Wichita, KS 67211
Tel: (316) 265-5567 Fax: (316) 265.5646
www.glmv.com

ARCHITECTS PROJECT #: 18076R23003

DRAWINGS, SPECIFICATIONS, IDEAS, DESIGNS, AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. NO PART THEREOF SHALL BE REPRODUCED, COPIED, ADAPTED, DISCLOSED, DISTRIBUTED, SOLD, PUBLISHED OR USED WITHOUT PRIOR WRITTEN CONSENT OF AND APPROPRIATE COMPENSATION TO THE ARCHITECT. VISUAL CONTACT WITH THE ABOVE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

Stamp and Signature

Issuance

Date		Description
29 NOV 2023	❑	COORDINATION SET
14 DEC 2023	❑	LD PAGE TURN/VE DISCUSSION
09 JAN 2024	❑	PRELIMINARY BID SET
	❑	PLAN CHECK SUBMITTAL
	❑	HEALTH DEPARTMENT SUBMITTAL
	❑	BID SET
	❑	ISSUED FOR CONSTRUCTION

Revision

Date	No.	Description
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	
	11	
	12	

Consultants

PROOFCIVIL
consulting engineers
FIRM NO.: F-23629

Project Name and Location

51 MCHENRY RD
BUFFALO GROVE, IL 60089

Lazy DOG

Sheet Title

EROSION CONTROL PLAN

Project No.: 23035 Sheet No.:

C2.1

Print Date: 16 January 2024

Attachment: 23035 - LD Buffalo Grove - CDs (4th) (O-2024-15 : Lazy Dog Development Improvement Agreement)

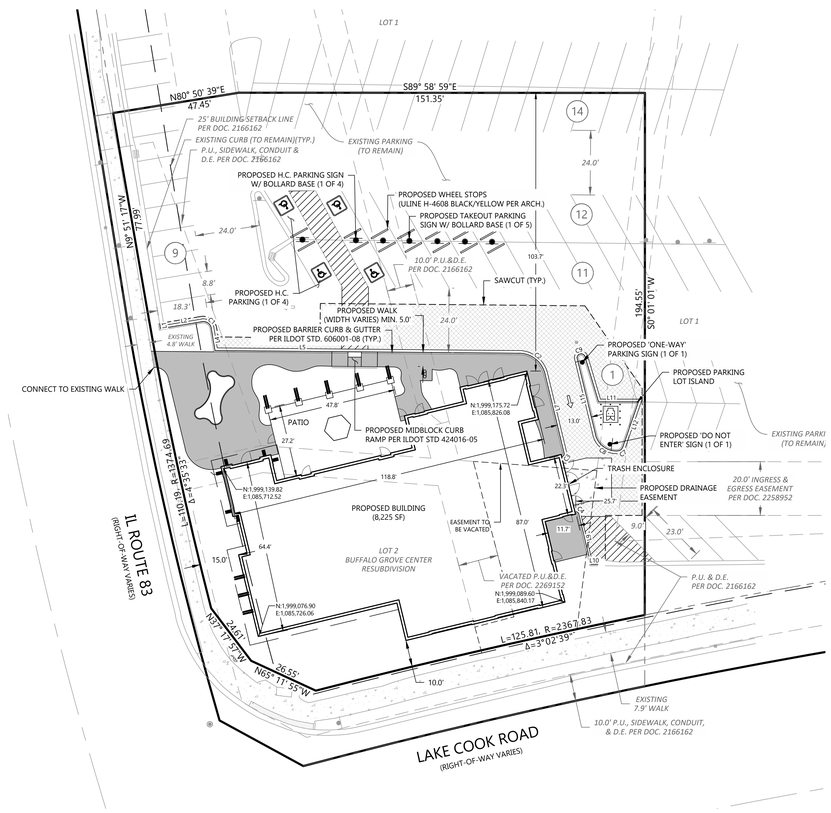
LINE TABLE		
LINE No.	LENGTH	DIRECTION
L1	2.00'	S9° 34' 10"E
L2	15.67'	N80° 29' 05"E
L4	8.39'	S9° 30' 55"E
L5	113.34'	S89° 28' 46"E
L7	30.44'	S13° 33' 32"E
L9	19.30'	S13° 33' 32"E
L10	2.62'	S89° 58' 59"E
L11	14.87'	N90° 00' 00"E
L12	17.93'	S19° 09' 14"W
L15	29.27'	N13° 33' 32"W

CURVE TABLE					
CURVE No.	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C1	4.71'	3.00'	90°00'00"	S54° 30' 55"E	4.24'
C2	13.25'	10.00'	75°55'14"	S51° 31' 09"E	12.30'
C3	1.57'	1.00'	89°59'55"	S31° 26' 28"W	1.41'
C4	1.57'	1.00'	89°58'51"	S58° 32' 57"E	1.41'
C7	2.24'	2.00'	64°10'28"	S51° 16' 34"W	2.13'
C8	11.37'	8.00'	81°25'49"	N54° 00' 53"W	10.44'
C9	4.32'	1.50'	164°52'11"	N80° 50' 46"E	2.97'

TABLE 1
RECOMMENDED HOT-MIX ASPHALT PAVEMENT SECTION

Material	Pavement Section Thicknesses	Illinois DOT Standard Specifications
Hot Mix Asphalt Surface Course	1.5 inches	Section 406
Hot Mix Asphalt Binder Course	2.5 inches	Section 406
Dense-Graded Aggregate Base Course	8.0 inches	Section 351, CA6, Type A

* PER GEOTECH REPORT #1G-2307028 BY GILES ENGINEERING DATED 8/23/2023



LEGEND:

- PROPERTY LINE
- PROPOSED BUILDING
- EXISTING BUILDING
- PROPOSED EASEMENT
- EXISTING EASEMENT
- PROPOSED CURB & GUTTER
- PROPOSED SPILL CURB
- EXISTING CURB & GUTTER
- PROPOSED SAWCUT
- PROPOSED ASPHALT PAVEMENT (PER GEOTECH BY GILES, #1G-2307028)
- PROPOSED CONCRETE PAVEMENT (6" PCC W/ 4" MIN. AGGREGATE BASE) (PER GEOTECH BY GILES, #1G-2307028)
- PROPOSED WALK
- PROPOSED LIGHT POLE
- EXISTING LIGHT POLE
- PROPOSED SIGN
- EXISTING SIGN
- EXISTING TREE

NOTES:

1. PAVEMENT THICKNESSES ARE SHOWN FOR REFERENCE ONLY. REFER TO CURRENT GEOTECHNICAL STUDY FOR THIS PROJECT FOR PAVEMENT THICKNESS RECOMMENDATIONS.
2. THIS PLAN DOES NOT CONTROL COLOR OR SCORING PATTERNS OF HARDSCAPE SHOWN. SEE HARDSCAPE OR LANDSCAPE PLAN FOR DECORATIVE TREATMENT.
3. ALL DIMENSIONS TO CURBS ARE TO FLOWLINE UNLESS OTHERWISE INDICATED.
4. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS SHOWN ON THESE PLANS AND FIELD CONDITIONS.

BUILDING HC NOTE:

HORIZONTAL CONTROL INFORMATION SHOWN FOR THE PROPOSED BUILDING IS BASED ON THE OUTER MOST LIMIT OF THE ARCHITECTURAL BUILDING PLAN PROVIDED AT THE TIME OF DESIGN/APPROVAL OF HORIZONTAL CONTROL PLAN. CONTRACTOR AND SURVEYOR SHALL VERIFY BUILDING CONTROL WITH ARCHITECTURAL AND STRUCTURAL BUILDING LAYOUT INFORMATION PRIOR TO THE STAKING AND CONSTRUCTION OF PROPOSED BUILDING AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN ARCHITECTURAL, STRUCTURAL AND INFORMATION SHOWN ON PLANS.

SAWCUT NOTE:

SAWCUT LIMITS ARE SHOWN AS APPROXIMATES. ALL CONCRETE REMOVAL SHALL BE FULL PANEL/STONE REMOVAL. IE REMOVAL SHALL BE TO NEAREST JOINT.

N

0 10 20 40

SCALE: 1" = 20'

PROOFCIVIL consulting engineers
600 Grant Street | Suite 210 | Denver, CO

SEAL:

FOR AND ON BEHALF OF PROOF CIVIL CO.

REVISIONS

NO.	DATE	DESCRIPTION
1	12/11/2023	CITY COMMENTS
2	01/08/2024	CITY COMMENTS

PROJ. NO.	23035
DATE:	12/14/2023
DRAWN BY:	MDS
CHECKED BY:	JGD

HORIZONTAL CONTROL PLAN

LAZY DOG BUFFALO GROVE

BUFFALO GROVE IL

DRAWING NO.

C3.0

Architect

GLMV Architecture
1525 E. Douglas Wichita, KS 67211
Tel: (316) 265-5907 Fax: (316) 265.5646
www.glmv.com

ARCHITECTS PROJECT #: 18076R23003

DRAWINGS, SPECIFICATIONS, IDEAS, DESIGNS, AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. NO PART THEREOF SHALL BE REPRODUCED, COPIED, ADAPTED, DISCLOSED, DISTRIBUTED, SOLD, PUBLISHED OR USED WITHOUT PRIOR WRITTEN CONSENT OF AND APPROPRIATE COMPENSATION TO THE ARCHITECT. VISUAL CONTACT WITH THE ABOVE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

Stamp and Signature

Issuance

Date		Description
29 NOV 2023	❑	COORDINATION SET
14 DEC 2023	❑	LD PAGE TURN/VE DISCUSSION
09 JAN 2024	❑	PRELIMINARY BID SET
	❑	PLAN CHECK SUBMITTAL
	❑	HEALTH DEPARTMENT SUBMITTAL
	❑	BID SET
	❑	ISSUED FOR CONSTRUCTION

Revision

Date	No.	Description
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	

Consultants

PROOFCIVIL consulting engineers
FIRM NO.: F-23629

Project Name and Location

51 MCHENRY RD
BUFFALO GROVE, IL 60089

LazyDOG

Sheet Title

HORIZONTAL CONTROL PLAN

Project No.: 23035 Sheet No.:

C3.0

Print Date: 16 January 2024

Attachment: 23035 - LD Buffalo Grove - CDs (4th) ((O-2024-15 : Lazy Dog Development Improvement Agreement)

Attachment: 23035 - LD Buffalo Grove - CDs (4th) r (O-2024-15 : Lazy Dog Development Improvement Agreement)

Architect

GLMV Architecture
1570 E. Colorado Blvd.
Pasadena, CA 91106
T: (626) 356-3880 F: (626) 356-3846
www.glmv.com

ARCHITECTS PROJECT #:
18076R23003

DRAWINGS, SPECIFICATIONS, DESIGNS, ARRANGEMENTS AND PLANS PROVIDED BY THE ARCHITECT ARE THE PROPERTY OF THE ARCHITECT. NO PART THEREOF SHALL BE REPRODUCED, PATENTED OR ASSIGNED TO ANY THIRD PARTY WITHOUT THE CONSENT OF THE ARCHITECT. THEY ARE TO BE RETURNED UPON REQUEST TO THE ARCHITECT. THEIR USE IN CONNECTION WITH ANY WORK NOT PERFORMED BY THE ARCHITECT SHALL CONSTITUTE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

Stamp and Signature

Issuance Date		Description
29 NOV 2023	☐	CORPORATION SET
14 DEC 2023	☐	LD PAGE - DRIVE DISCUSSION
09 JAN 2024	☐	PRELIMINARY BID SET
	☐	PLAN CHECK SUBMITTAL
	☐	HEALTH DEPARTMENT SUBMITTAL
	☐	BID SET
	☐	ISSUED FOR CONSTRUCTION

Revision Date	No.	Description

Consultants

PROOFCIVIL
consulting engineers
FIRM NO. F-23629

Project Name and Location

Lazy DOG
BUILT BY DESIGN
51 MCHENRY RD
BUFFALO GROVE, IL 60089

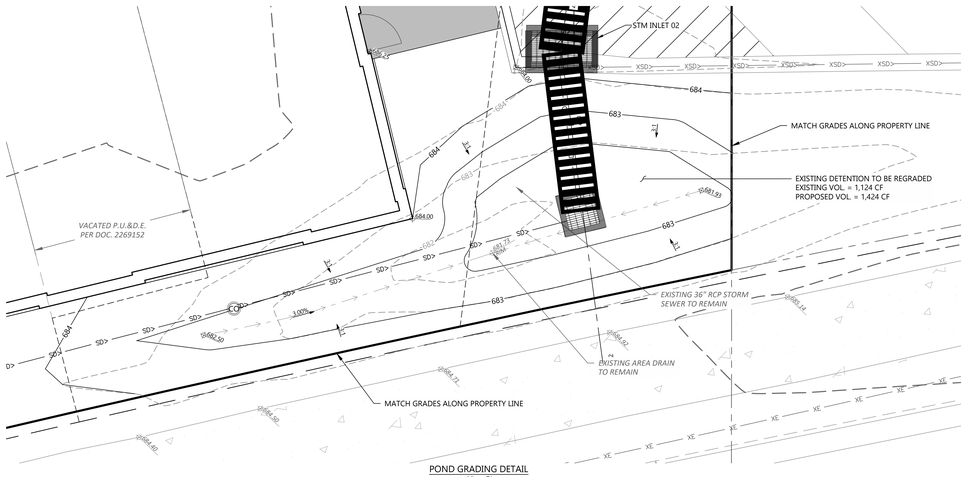
Sheet Title

GRADING & DRAINAGE PLAN

Project No: 23035 | Sheet No. C4.0

Print Date: 18 January 2024

Packet Pg. 52



POND GRADING DETAIL
1" = 5'

LEGEND:

	PROPERTY LINE
	PROPOSED BUILDING
	EXISTING BUILDING
	PROPOSED EASEMENT
	EXISTING EASEMENT
5400	PROPOSED 5' CONTOUR
5401	PROPOSED 1' CONTOUR
5400	EXISTING 5' CONTOUR
5402	EXISTING 1' CONTOUR
	PROPOSED SWALE
SD>	PROPOSED STORM LINE W/ F.E.S.
XSD>	EXISTING STORM LINE W/ F.E.S.
	PROPOSED SAWCUT
	PROPOSED STORM INLET
	EXISTING STORM INLET
	FLOW DIRECTION
75.25	PROPOSED SPOT GRADE
75.25	EXISTING SPOT GRADE
2.00%	SLOPE AND DIRECTION
HP	HIGH POINT
LP	LOW POINT
GB	GRADE BREAK
GTW	FINISHED GRADE AT TOP OF WALL
GBW	FINISHED GRADE AT BOTTOM FACE OF WALL
FFE	FINISHED FLOOR ELEVATION
M.E.	MATCH EXISTING

NOTES:

1. SPOT ELEVATION VALUES ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) (WITH THE TWO LEADING DIGITS TRUNCATED) AND DO NOT RELATE TO ARCHITECTURAL ELEVATIONS RELATIVE TO FINISHED FLOOR (I.E. =100'-0").
2. UNLESS SPECIFICALLY SHOWN OTHERWISE, ALL SIDEWALKS TO SLOPE 1.8% AWAY FROM BUILDINGS OR STRUCTURES TOWARD PARKING LOTS, DRIVE LANES, ROADS OR LOW POINTS.
3. UNLESS SPECIFICALLY SHOWN OTHERWISE, ALL PROPOSED WALKS AND TRAILS SHALL BE ADA ACCESSIBLE WITH A MAXIMUM LONGITUDINAL SLOPE OF 5.0%.
4. ALL GRADING SHALL CONFORM WITH THE GEOTECHNICAL RECOMMENDATIONS FROM THE CURRENT GEOTECHNICAL STUDY FOR THIS PROJECT.
5. PROPOSED ACCESSIBLE PARKING SPOTS SHALL HAVE 2.0% MAX SLOPE IN ANY DIRECTION.
6. ALL ELEVATION SPOTS ALONG CURB INDICATE FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
7. MAXIMUM FINISHED GRADES SHALL BE 3:1 (H:V).
8. THE CONTRACTOR IS RESPONSIBLE TO LOCATE ALL EXISTING UTILITIES ONSITE PRIOR TO CONSTRUCTION AND PROTECT OR RELOCATE ALL EXISTING UTILITIES DURING GRADING OPERATIONS. THIS PLAN DOES NOT CONSTITUTE A UTILITY LOCATE.
9. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES WITH THESE PLANS.

N

0 2.5 5 10
SCALE: 1" = 5'

PROOFCIVIL
consulting engineers
600 Grant Street | Suite 210 | Denver, CO

SEAL:

FOR AND ON BEHALF OF PROOF CIVIL CO.

REVISIONS

NO.	DATE	DESCRIPTION
1	12/11/2023	CITY COMMENTS
2	01/08/2024	CITY COMMENTS

PROJ. NO.: 23035
DATE: 12/14/2023
DRAWN BY: MDS
CHECKED BY: JGD

GRADING DETAILS

LAZY DOG BUFFALO GROVE

BUFFALO GROVE IL

DRAWING NO.

C4.1

Architect

GLMV Architecture
1525 E. Douglas Wichita, KS 67211
Tel: (316) 265-5567 Fax: (316) 265.5646
www.glmv.com

ARCHITECTS PROJECT #: 18076R23003

DRAWINGS, SPECIFICATIONS, IDEAS, DESIGNS, AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. NO PART THEREOF SHALL BE REPRODUCED, COPIED, ADAPTED, DISCLOSED, DISTRIBUTED, SOLD, PUBLISHED OR USED WITHOUT PRIOR WRITTEN CONSENT OF AND APPROPRIATE COMPENSATION TO THE ARCHITECT. VISUAL CONTACT WITH THE ABOVE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

Stamp and Signature

Issuance

Date		Description
29 NOV 2023	❑	COORDINATION SET
14 DEC 2023	❑	LD PAGE TURN/VE DISCUSSION
09 JAN 2024	❑	PRELIMINARY BID SET
	❑	PLAN CHECK SUBMITTAL
	❑	HEALTH DEPARTMENT SUBMITTAL
	❑	BID SET
	❑	ISSUED FOR CONSTRUCTION

Revision

Date	No.	Description
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	

Consultants

PROOFCIVIL
consulting engineers
FIRM NO.: F-23629

Project Name and Location

51 MCHENRY RD
BUFFALO GROVE, IL 60089

Lazy DOG

Sheet Title

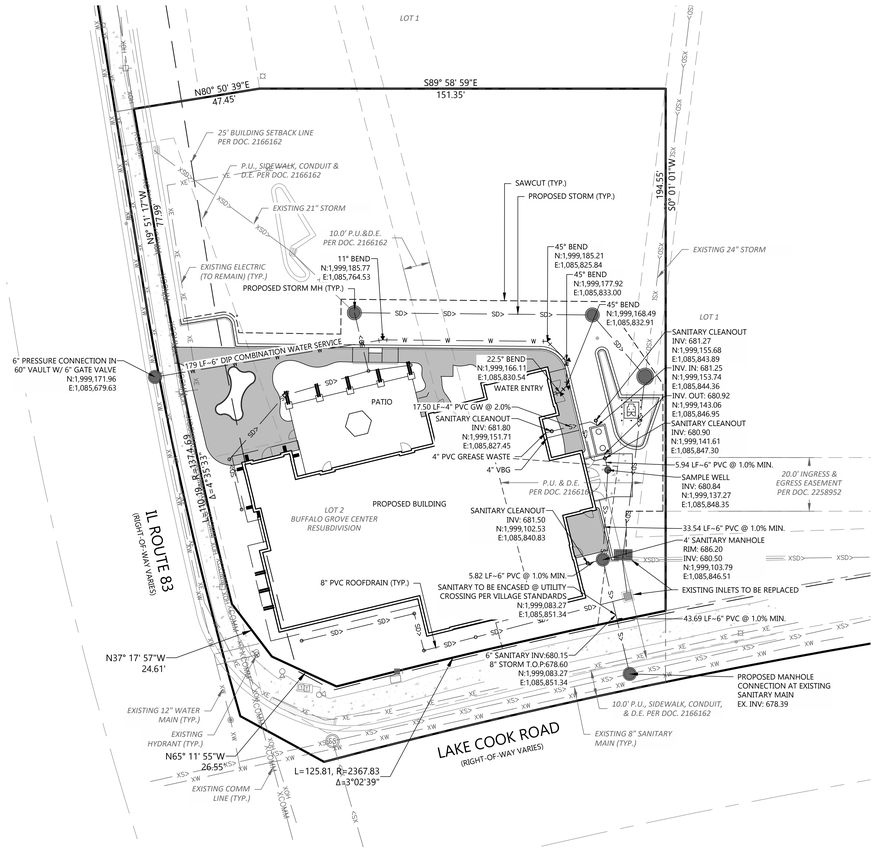
GRADING DETAILS

Project No.: 23035 Sheet No.:

C4.1

Print Date: 16 January 2024

Attachment: 23035 - LD Buffalo Grove - CDs (4th) 7 (O-2024-15 : Lazy Dog Development Improvement Agreement)



LEGEND:

- PROPERTY LINE
- PROPOSED BUILDING
- EXISTING BUILDING
- PROPOSED EASEMENT
- EXISTING EASEMENT
- PROPERTY SETBACK
- SD> PROPOSED STORM LINE
- XSD> EXISTING STORM LINE
- PROPOSED INLET
- EXISTING INLET
- W PROPOSED WATER LINE
- XW EXISTING WATER LINE
- PROPOSED HYDRANT & VALVE
- EXISTING HYDRANT & VALVE
- S> PROPOSED SAN SEWER LINE
- XS> EXISTING SAN SEWER LINE
- XE EXISTING ELECTRICAL LINE
- XOH EXIST. OVERHEAD ELEC. LINE
- XPHON EXISTING TELECOMM LINE
- XGAS EXISTING GAS LINE
- XIRR EXISTING IRRIGATION LINE
- XFO EXISTING FIBER OPTIC LINE
- PROPOSED LIGHT POLE
- EXISTING LIGHT POLE

NOTE:
1. EXTERIOR SANITARY SERVICE LINES SHALL BE 6" PVC SDR 26 PIPE.
2. DOMESTIC WATER SERVICE TO TEE OFF COMBINATION SERVICE INTERNAL TO BUILDING. REFERENCE PLUMBING PLANS.

N

0 10 20 40
SCALE: 1" = 20'

PROOFCIVIL
consulting engineers
666 Grant Street | Suite 210 | Delrey, CO

SEAL:

FOR AND ON BEHALF OF PROOF CIVIL CO.

REVISIONS

NO.	DATE	DESCRIPTION
1	12/11/2023	CITY COMMENTS
2	01/08/2024	CITY COMMENTS

PROJ. NO.: 23035
DATE: 12/14/2023
DRAWN BY: MDS
CHECKED BY: JGD

UTILITY PLAN

LAZY DOG BUFFALO GROVE

BUFFALO GROVE IL

DRAWING NO.

C5.0

Architect

GLMV Architecture
1525 E. Douglas Wichita, KS 67211
Tel: (316) 265-5907 Fax: (316) 265.5646
www.glmv.com

ARCHITECTS PROJECT #: 18076R23003

DRAWINGS, SPECIFICATIONS, IDEAS, DESIGNS, AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. NO PART THEREOF SHALL BE REPRODUCED, COPIED, ADAPTED, DISCLOSED, DISTRIBUTED, SOLD, PUBLISHED OR USED WITHOUT PRIOR WRITTEN CONSENT OF AND APPROPRIATE COMPENSATION TO THE ARCHITECT. VISUAL CONTACT WITH THE ABOVE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

Stamp and Signature

Issuance

Date		Description
29 NOV 2023	❑	COORDINATION SET
14 DEC 2023	❑	LD PAGE TURN/VE DISCUSSION
09 JAN 2024	❑	PRELIMINARY BID SET
	❑	PLAN CHECK SUBMITTAL
	❑	HEALTH DEPARTMENT SUBMITTAL
	❑	BID SET
	❑	ISSUED FOR CONSTRUCTION

Revision

Date	No.	Description
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	

Consultants

PROOFCIVIL
consulting engineers
FIRM NO.: F-23629

Project Name and Location

51 MCHENRY RD
BUFFALO GROVE, IL 60089

Lazy DOG

Sheet Title

PRELIMINARY
UTILITY PLAN

Project No.: 23035 Sheet No.:

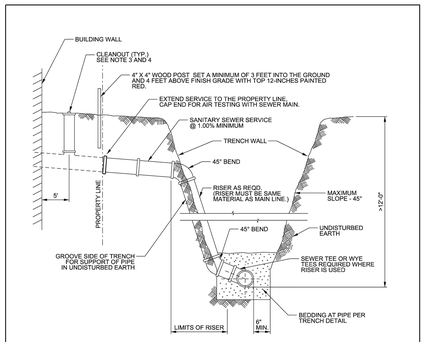
C5.0

Print Date: 16 January 2024

Attachment: 23035- LD Buffalo Grove - CDs (4th) 1 (O-2024-15 : Lazy Dog Development Improvement Agreement)

EXHIBIT NO.109
MATERIALS LIST

Date of revision: 9/23/19



NOTE:

1. SANITARY SEWER SERVICE RISERS TO BE CONSTRUCTED WHERE MAIN LINE SEWER DEPTH EXCEEDS 12'-0".
2. USE NON SHEAR MISSION COUPLING TO CONNECT DISSIMILAR MATERIALS
3. THERE SHALL BE AT LEAST ONE CLEANOUT ON EACH SANITARY SERVICE LINE LOCATED AT LEAST 5 FEET OUTSIDE THE BUILDING. CLEANOUTS SHALL BE INSTALLED NO MORE THAN 100 FEET APART AND AT EACH CHANGE OF HORIZONTAL DIRECTION OF 60° OR GREATER.
4. CLEANOUTS SHALL BE UNOBSTRUCTED WITH A MINIMUM 18 INCHES OF CLEARANCE.

Lake County Department of Public Works	SANITARY SEWER SERVICE AND RISER	DATE: 6/26/15 ID: 10
		REVISIONS DATE
		ENG-MAIN. UPDATE 8/21/18 ENG-MAIN. UPDATE 12/14/20

Water Distribution Material Specifications:

Water main pipe	Ductile Iron Pipe. Pipe class thickness—AWWA C150, minimum thickness, Class 52. Pipe—AWWA C151. Pipe lining—AWWA C104. Fittings—AWWA C153. Joints—mechanical and push-on, AWWA C111. Wrap—4 mil. X-Lam conforming to AWWA C105.A21.5 and AWWA C600. No 90-degree bends allowed. All stainless steel trim.
Valves	American Flow Control, Series 2500 resilient wedge gate valve, all sizes two inch to fourteen inch, counterclockwise to open, AWWA C500., AWWA C504. Clow AWWA C-504 Butterfly Valve for sixteen inch and above. Joint end—mechanical, AWWA C111. All stainless steel trim.
Valve Vault	All structures shall be monolithically precast with designed openings or mechanically cored in the field and shall have rubber boots conforming to ASTM C-923. Doghouse vaults are excluded from these requirements when permitted by Village Engineer. Size: For six and eight inch diameter valves, valve vaults shall have a forty-eight inch inside diameter; for pressure connections and valves ten inches and larger in diameter, valve vaults shall have a sixty inch inside diameter. All valve vault cones must be eccentric centers with valve properly aligned.
Castings	Neenah No. R-1772, embossed per Exhibit No. 401.
Fire Hydrant	Waterous Pacer Model WB67-250, AWWA C502, painted fire engine red above ground, with resilient wedge auxiliary gate valve. Nozzles, two at two and one half inch, one at four and one half inch, with threads conforming to National Standard Specifications. Frangible section (breakaway type) with the break line flange located one inch above finished grade. Joint end, six inch, mechanical or push-on. Stainless steel trim below ground. Auxiliary boxes and hydrants shall be a direct flange-to-flange connection.
Fire hydrant extension	Fire hydrant extensions and parts to be manufactured by Waterous only. All stainless steel trim.
Hydrant Valve Box \ Valve boxes	Hydrant Valve Box Tyler 664-S. Lid embossed "WATER." Rubber valve box stabilizer required.
Service Pipe	Copper tube, two inches and smaller, ASTM B88, Type K (1" minimum). Ductile iron, larger than two inches. Conform to Water main section above. Service upgrade for existing water main requires a stainless-steel tap repair clamp. Ford model FSI-CC, minimum length 15" long.
Corporation Stop	Mueller H15000, 1" minimum, AWWA C800. 1" Direct tap or 1 1/4" and larger shall use Ford FC202 stainless steel band, epoxy coated saddle.
Curb Stop	Copper service, Mueller H-15154. Ductile iron service, Resilient wedge counterclockwise to open, AWWA C500. Joint end—mechanical, AWWA C111.
Curb box	Copper service, Mueller H-10302. Ductile iron service, conform to Hydrant Valve Box section above. Ductile iron service, 6" and larger, conform to Valve Vault section above.
Copper to Copper Fittings	Mueller Company Model #H-15400. An all-flared coupling is required, no sweat joint or compression allowed.
Pressure Connections	Ford FTSS style tapping sleeve. American Flow Control Series 2500 tapping valve four inch minimum. All stainless steel trim.

Sanitary Sewer Material Specifications:

Sewer and Service Connection Pipe	Reinforced concrete pipe—circular reinforcement, minimum Class 3, ASTM C76, with epoxy lining. PVC solid wall (SDR-26H) pipe—ASTM D-3034 for six to fifteen inches in diameter.
Sewer and Service Connection Pipe Joints	Reinforced concrete pipe—ASTM C443. PVC solid wall (SDR-26H) pipe—ASTM D-3212 for six to eighteen inches in diameter.
Sewer and Service Connection Pipe Fittings	PVC solid wall (SDR-26H) pipe—ASTM D3034 for six to fifteen inches in diameter.
Casing Pipes	Steel pipe—ASTM A120, three-eighths inch minimum thickness.
Manholes	Size: For sewer eighteen-inch diameter or less, manhole shall have a forty-eight inch inside diameter. For sewer twenty-one inch to thirty-six inch diameter, manhole shall have a sixty inch inside diameter. For sewer greater than thirty-six inch diameter, manhole shall have an offset riser pipe of forty-eight inch inside diameter. All structures shall be monolithically precast including bases and invert flow lines.
Castings	Neenah No. R-1772, with self-sealing lid and recessed pick hole, embossed per Exhibit No. 301.

Storm Sewer System Material Specifications:

Structures	All structures shall be precast with designed openings or mechanically cored in the field.
Castings	Closed Lid, Type 1—Neenah No. R-1772, embossed per Exhibit No. 201, Open Lid, Type 1— Neenah No. R-1772, Standard B4.12 or any other barrier curb, Type 11— Neenah No. R-3170 (open curb box) Box height must be 6" minimum with 5' tapers to match curb height., Depressed barrier curb, Type 10— Neenah No. R-3285. Yard inlet - Neenah R-2579, convex grate.
Sewer Pipe Joints	Reinforced concrete pipe—ASTM C443 or C361. PVC solid wall (SDR-26H) pipe—ASTM D-3212 for six to eighteen inches in diameter.
Sump pump service connection pipe/sub surface drain pipe	4" PVC solid wall sewer pipe SDR-35. Blind connections must be cored in storm sewer and pipe connection shall be made with a rubber boot and stainless-steel band. Sump pump per Exhibit No. 202 and underdrain per Exhibit No. 203.

Material Specifications For All Utilities:

Bedding	CA-11, Class B or better. All stone shall be crushed; rounded aggregate will not be permitted. The stone shall be compacted to 90% modified proctor density as required by ASTM D1557 or AASHTO T-180. Recycled materials permitted from IDOT approved sources meeting the correct gradations.
Trench Backfill	CA-11, Class B or better. This item shall meet the requirements of Class B CA-11, per the IDOT Standard Specifications for Road and Bridge Construction. All stone shall be crushed; rounded aggregate will not be permitted. The stone shall be compacted to 90% modified proctor density as required by ASTM D1557 or AASHTO T-180. Jetting of trenches is not permitted. Recycled materials permitted from IDOT approved sources meeting the correct gradations.
Adjustments	No more than two precast concrete adjusting rings with six-inch maximum height adjustment shall be allowed, minimum one 2" ring installed on new structures. Only one HDPE ring with a max of 2" may be used within the precast tolerances. Only precast concrete or HDPE adjustment rings permitted. ½" x 3.5" mastic to be used between all frames, rings, and structures. Mortar around rings, but none between.

Miscellaneous Material Specifications:

Detectable Warnings	Quick connect plates or bolted plates by Neenah Enterprises, Inc. Color shall be brick red.
Concrete	In accordance with IDOT Standard Specifications for Road and Bridge Construction
Asphalt	In accordance with IDOT Standard Specifications for Road and Bridge Construction and Chapter 16.50.070 of the Village of Buffalo Grove Municipal Code

* The Village Engineer shall have the authority to approve the use of alternative materials than those specifically required by Exhibit 109 in the manner provided for in this Title. The Village Engineer may approve alternative materials that are not specifically required by this title when:

1. The materials or their components required by this title are no longer manufactured and available for purchase; and

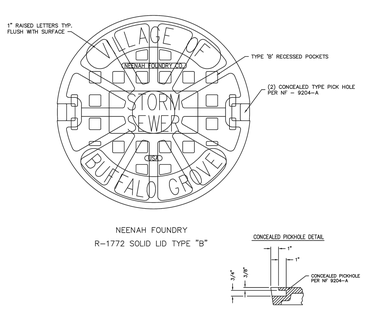
2. The alternative materials are generally consistent with requirements of this title, including but not limited to those standards relating to production, composition, safety, and aesthetics.

Testing Specifications:

(In addition to the requirements of IDOT's Standard Specifications for Road and Bridge Construction or the Standard Specifications for Water and Sewer Construction in Illinois)

Storm Sewer	Cleaning and televising, with reporting, as directed by the Village Engineer
Sanitary Sewer	Cleaning and televising, with reporting, as directed by the Village Engineer

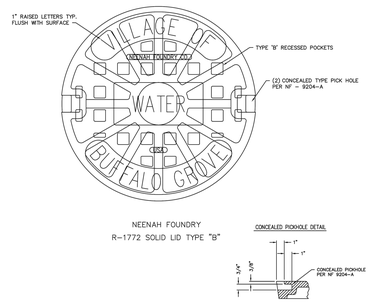
EXHIBIT NO. 201



STORM SEWER MANHOLE LID DETAIL

Prepared by the Village Engineering Division

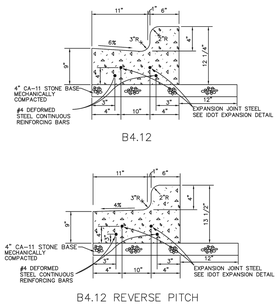
EXHIBIT NO. 401



VALVE VAULT LID DETAIL

Prepared by the Village Engineering Division

EXHIBIT NO. 501



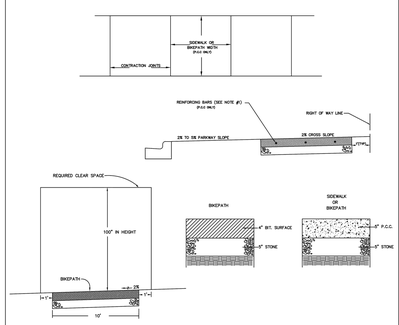
B4.12 CURB AND GUTTER DETAIL

NOTE:

1. SET EXPANSION JOINTS AT ALL PCTS, PTTS, FIVE FEET ON EITHER SIDE OF ANY FRAMES, AND AT 40' MAX. INTERVALS.
2. CONTRACTION JOINTS SHALL BE TOOLED AT 15' INTERVALS AND SAW CUT WITHIN 24 HOURS.
3. JOINTS SHALL BE CLEANED AND SEALED ACCORDING TO ARTICLE 420.12.
4. CURING COMPOUND REQUIRED.
5. IDOT APPROVED CURBS ALSO PERMITTED.

Prepared by the Village Engineering Division

EXHIBIT NO. 502



BIKEPATH & SIDEWALK DETAIL

NOTE:

1. AT ALL TRENCH CROSSINGS, 3 – 10' X 3/4" REINFORCING BARS SHALL BE PLACED EQUALLY SPACED AND CENTERED OVER THE TRENCH.
2. CONCRETE THICKNESS SHALL BE 6" AT ALL DRIVEWAYS AND TRENCH CROSSINGS.
3. SET 3/4" EXPANSION JOINTS AT 50' MAX. SPACING INTERVALS.
4. SIDEWALK WIDTH AS SHOWN ON PLANS.
5. CURB RAMPS SHALL COMPLY WITH LATEST ACCESSIBILITY STANDARDS.

Prepared by the Village Engineering Division

PROOFCIVIL consulting engineers
600 Grant Street | Suite 210 | Denver, CO

SEAL:

FOR AND ON BEHALF OF PROOF CIVIL CO.

REVISIONS

NO.	DATE	DESCRIPTION
1	12/11/2023	CITY COMMENTS
2	01/08/2024	CITY COMMENTS

PROJ. NO: 23035
DATE: 12/14/2023
DRAWN BY: MDS
CHECKED BY: JGD

DETAIL SHEET I

LAZY DOG BUFFALO GROVE
BUFFALO GROVE IL

DRAWING NO.
C6.0

Architect

GLMV Architecture
1525 E. Douglas Wichita, KS 67211
Tel: (316) 265-5907 Fax: (316) 265.5646
www.glmv.com

ARCHITECTS PROJECT #: 18076R23003

DRAWINGS, SPECIFICATIONS, IDEAS, DESIGNS, AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. NO PART THEREOF SHALL BE REPRODUCED, COPIED, ADAPTED, DISCLOSED, DISTRIBUTED, SOLD, PUBLISHED OR USED WITHOUT PRIOR WRITTEN CONSENT OF AND APPROPRIATE COMPENSATION TO THE ARCHITECT. VISUAL CONTACT WITH THE ABOVE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

Stamp and Signature

Issuance

Date	Description
29 NOV 2023	COORDINATION SET
14 DEC 2023	LD PAGE TURN/VE DISCUSSION
09 JAN 2024	PRELIMINARY BID SET
	PLAN CHECK SUBMITTAL
	HEALTH DEPARTMENT SUBMITTAL
	BID SET
	ISSUED FOR CONSTRUCTION

Revision

Date	No.	Description
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	

Consultants

PROOFCIVIL consulting engineers
FIRM NO.: F-23629

Project Name and Location

51 MCHENRY RD
BUFFALO GROVE, IL 60089

Lazy DOG

Sheet Title

DETAIL SHEET I

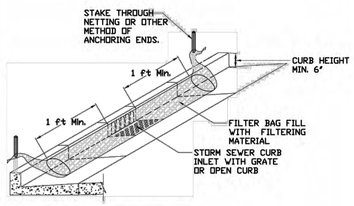
Project No.: 23035 Sheet No.:

C6.0

Print Date: 16 January 2024

Attachment: 23035: LD Buffalo Grove - CDs (4th) 7 (O-2024-15 : Lazy Dog Development Improvement Agreement)

INLET PROTECTION - IMPERVIOUS AREAS CURB PROTECTION

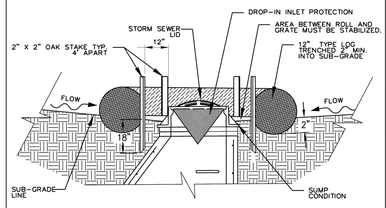


REFERENCE
Project
Designed Date
Checked Date
Approved Date

STANDARD DWG. NO. IUM-561C
SHEET 1 OF 1
DATE 01-11-11

INLET PROTECTION LOG TYPE

NOT TO SCALE



SECTION

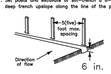
NOTES:
1. 2" x 2" nominal hardwood stakes, 4 foot minimum length, driven into ground approximately 18 inches, stakes driven a minimum width of 12 inches away from the drop inlet.
2. Area inside the log, from edge of fabric to structure, must be stabilized with erosion control blanket. Turf Reinforcement Mat, Geotextile 592 Table 2 Class 2 or CA-7 stone.
3. The maximum distance between the stakes should be 4 feet.
4. A maintenance schedule must maintain a sediment accumulation of less than 50% of the height of the log.

REFERENCE
Project
Designed Date
Checked Date
Approved Date

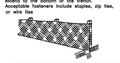
STANDARD DWG. NO. IUM-562
SHEET 1 OF 1
DATE 11-30-2015

SILT FENCE DETAIL

1. Set posts and excavate or silt-trench a 6-inch deep trench upslope along the line of the post



2. Attach the geotextile filter fabric to each post with a minimum of 3 (three) fasteners per post and extend to the bottom of the trench.
Acceptable fasteners include staples, zip ties, or wire ties



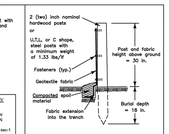
3. Backfill and compact the excavated spoil materials

Geotextile Requirement	Test Method	MARV
Grab strength - X-machine direction - X-machine direction	ASTM D 4632	550 N 450 N
Permittivity	ASTM D 4491	0.05 sec-1
Apparent opening size*	ASTM D 4751	0.60 mm
Ultraviolet stability (retained strength)	ASTM D 4355	70% after 500 hours

Note:
*Value for apparent opening size represents maximum average roll value.

DATE: 4/21/08 BY: KAM
REVISED: BY:

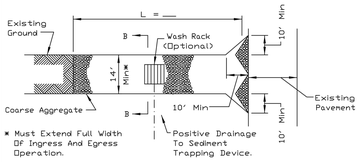
2 (two) inch nominal hardwood posts or U.S., or C stope, steel posts with a minimum weight of 1.33 lbs/ft



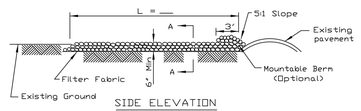
Lake County Stormwater Management Commission

STORMWATER MANAGEMENT COMMISSION

STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW



SIDE ELEVATION

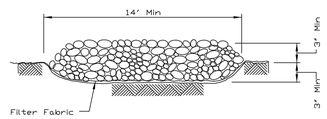
NOTES:
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE
Project
Designed Date
Checked Date
Approved Date

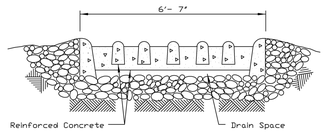
NRCS Natural Resources Conservation Service

STANDARD DWG. NO. IL-630
SHEET 1 OF 2
DATE 8-18-94

STABILIZED CONSTRUCTION ENTRANCE PLAN



SECTION A-A

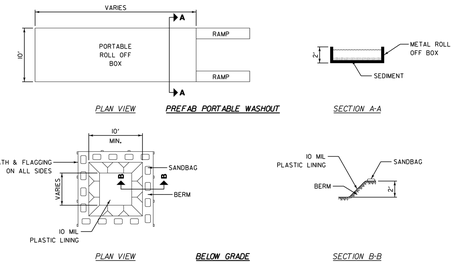


SECTION B-B

REFERENCE
Project
Designed Date
Checked Date
Approved Date

NRCS Natural Resources Conservation Service

STANDARD DWG. NO. IL-630
SHEET 2 OF 2
DATE 8-18-94



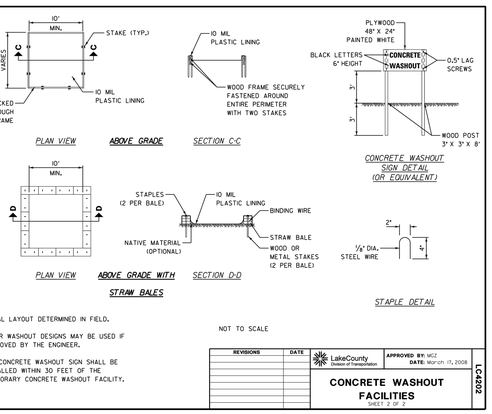
NOTES:
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. OTHER WASHOUT DESIGNS MAY BE USED IF APPROVED BY THE ENGINEER.
3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

NOT TO SCALE

REVISIONS	DATE

LakeCounty Division of Transportation
APPROVED BY: MGJ
DATE: March 17, 2008

CONCRETE WASHOUT FACILITIES
SHEET 1 OF 2
LC4202



NOTES:
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. OTHER WASHOUT DESIGNS MAY BE USED IF APPROVED BY THE ENGINEER.
3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

NOT TO SCALE

REVISIONS	DATE

LakeCounty Division of Transportation
APPROVED BY: MGJ
DATE: March 17, 2008

CONCRETE WASHOUT FACILITIES
SHEET 2 OF 2
LC4202

PROOFCIVIL consulting engineers
660 Grant Street | Suite 210 | Denver, CO

SEAL:

FOR AND ON BEHALF OF PROOF CIVIL CO.

REVISIONS

NO.	DATE	DESCRIPTION
1	12/11/2023	CITY COMMENTS
2	01/08/2024	CITY COMMENTS

PROJ. NO.: 23035
DATE: 12/14/2023
DRAWN BY: MDS
CHECKED BY: JGD

DETAILS II

LAZY DOG BUFFALO GROVE

BUFFALO GROVE IL

DRAWING NO.
C6.1

Architect

GLMV Architecture
1525 E. Douglas Wichita, KS 67211
Tel: (316) 265-5907 Fax: (316) 265.5646
www.glmv.com

ARCHITECTS PROJECT #: 18076R23003

DRAWINGS, SPECIFICATIONS, IDEAS, DESIGNS, AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. NO PART THEREOF SHALL BE REPRODUCED, COPIED, ADAPTED, DISCLOSED, DISTRIBUTED, SOLD, PUBLISHED OR USED WITHOUT PRIOR WRITTEN CONSENT OF AND APPROPRIATE COMPENSATION TO THE ARCHITECT. VISUAL CONTACT WITH THE ABOVE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

Stamp and Signature

Issuance

Date		Description
29 NOV 2023	☐	COORDINATION SET
14 DEC 2023	☐	LD PAGE TURN/VE DISCUSSION
09 JAN 2024	☐	PRELIMINARY BID SET
	☐	PLAN CHECK SUBMITTAL
	☐	HEALTH DEPARTMENT SUBMITTAL
	☐	BID SET
	☐	ISSUED FOR CONSTRUCTION

Revision

Date	No.	Description
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	

Consultants

PROOFCIVIL consulting engineers
FIRM NO.: F-23629

Project Name and Location

51 MCHENRY RD
BUFFALO GROVE, IL 60089

Lazy DOG

Sheet Title

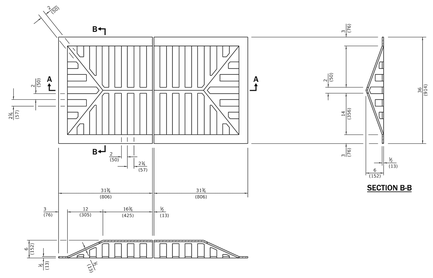
DETAIL SHEET II

Project No.: 23035 Sheet No.:

C6.1

Print Date: 16 January 2024

Attachment: 23035- LD Buffalo Grove - CDs (4th) 1 (O-2024-15 : Lazy Dog Development Improvement Agreement)



SECTION B-B

SECTION A-A

CAST GRATE

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PROJECT ENGINEER OF POLICY AND PROCEDURES — APPROVED January 1, 2015

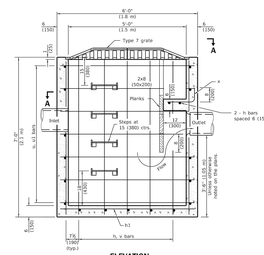
ENGINEER OF DESIGN AND ENVIRONMENT

BUREAU OF LOCAL ROADWAY STANDARDS

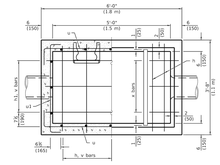
DATE	REVISIONS
1-1-15	Revised grate thickness.
1-1-09	Switched units to English (metric).

GRATE TYPE 7

STANDARD 604031-03



ELEVATION



SECTION A-A

(Grating removed to show plan of baffles.)

MATERIALS REQUIRED FOR ONE (1) TYPE B CATCH BASIN

Bar	Qty.	Size	Shape	Length
h	7	No. 4 (No. 13)		3'-5" (1.02 m)
h1	3	No. 4 (No. 13)		5'-9" (1.72 m)
u	14	No. 4 (No. 13)		7'-0" (2.10 m)
u1	14	No. 4 (No. 13)		4'-6" (1.35 m)
v	16	No. 4 (No. 13)		6'-9" (2.02 m)
x	3	No. 4 (No. 13)		1'-11" (580)
Concrete			cu. yd. (m³)	2.5 (1.90)
Reinforcement bars			lbs. (kg)	210 (95)

All bars shall be at 12 (300) centers unless otherwise shown. Reinforcement bar clearance shall be 1½ (40).

Illinois Department of Transportation

PROJECT ENGINEER OF POLICY AND PROCEDURES — APPROVED January 1, 2015

ENGINEER OF DESIGN AND ENVIRONMENT

BUREAU OF LOCAL ROADWAY STANDARDS

GENERAL NOTES

See Standard 602701 for details of steps.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-13	Revised and relocated steps.
1-1-11	Added additional bar identification.

CATCH BASIN TYPE B

STANDARD 602006-04

PROOFCIVIL consulting engineers
6so Grant Street | Suite 210 | Denver, CO

SEAL:

FOR AND ON BEHALF OF PROOF CIVIL CO.

REVISIONS

NO.	DATE	DESCRIPTION
1	12/17/2023	CITY COMMENTS
2	01/08/2024	CITY COMMENTS

PROJ. NO.: 23035
DATE: 12/14/2023
DRAWN BY: MDS
CHECKED BY: JGD

DETAILS III

LAZY DOG BUFFALO GROVE

BUFFALO GROVE IL

DRAWING NO.

C6.2

Architect

GLMV Architecture
1525 E. Douglas Wichita, KS 67211
Tel: (316) 265-5907 Fax: (316) 265.5646
www.glmv.com

ARCHITECTS PROJECT #: 18076R23003

DRAWINGS, SPECIFICATIONS, IDEAS, DESIGNS, AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. NO PART THEREOF SHALL BE REPRODUCED, COPIED, ADAPTED, DISCLOSED, DISTRIBUTED, SOLD, PUBLISHED OR USED WITHOUT PRIOR WRITTEN CONSENT OF AND APPROPRIATE COMPENSATION TO THE ARCHITECT. VISUAL CONTACT WITH THE ABOVE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

Stamp and Signature

Issuance

Date	Description
29 NOV 2023	COORDINATION SET
14 DEC 2023	LD PAGE TURN/VE DISCUSSION
09 JAN 2024	PRELIMINARY BID SET
	PLAN CHECK SUBMITTAL
	HEALTH DEPARTMENT SUBMITTAL
	BID SET
	ISSUED FOR CONSTRUCTION

Revision

Date	No.	Description
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	

Consultants

PROOFCIVIL consulting engineers
FIRM NO.: F-23629

Project Name and Location

51 MCHENRY RD
BUFFALO GROVE, IL 60089

Lazy DOG Restaurant & Bar

Sheet Title

DETAIL SHEET III

Project No.: 23035 Sheet No.:

C6.2

Print Date: 16 January 2024

Attachment: 23035 - LD Buffalo Grove - CDs (4th) ((O-2024-15 : Lazy Dog Development Improvement Agreement)

P.I.N. 15-33-301-175

PLAT OF EASEMENT
FOR
LAZY DOG
51 McHENRY RD, BUFFALO GROVE, IL

VICINITY MAP
NOT TO SCALE

LOT 2 IN BUFFALO GROVE CENTER RESUBDIVISION OF LOT 1 IN BUFFALO GROVE CENTER, BEING A RESUBDIVISION OF PART OF THE SOUTH 1/2 OF SECTION 33, TOWNSHIP 43 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT OF SAID RESUBDIVISION RECORDED DECEMBER 29, 1983 AS DOCUMENT 2258952 IN LAKE COUNTY, ILLINOIS.

EXCEPTING FROM SAID LOT 2 THAT PORTION TAKEN IN CONDEMNATION CASE NO. 17ED15, AN ORDER VESTING TITLE WAS RECORDED JULY 11, 2018 AS DOCUMENT NO. 7497355,
DESCRIBED AS FOLLOWS:
BEGINNING AT THE NORTHWEST CORNER OF SAID LOT 2; THENCE ON AN ILLINOIS COORDINATE SYSTEM NAD 83(2007) EAST ZONE BEARING OF NORTH 80 DEGREES 43 MINUTES 18 SECONDS EAST ALONG THE NORTHERLY LINE OF SAID LOT 2, A DISTANCE OF 7.99 FEET; THENCE SOUTH 9 DEGREES 16 MINUTES 29 SECONDS EAST, A DISTANCE OF 79.73 FEET; THENCE SOUTHERLY 110.18 FEET ALONG A CURVE TO THE LEFT HAVING A RADIUS OF 1374.69 FEET, THE CHORD OF SAID CURVE BEARS SOUTH 11 DEGREES 34 MINUTES 15 SECONDS EAST, 110.16 FEET; THENCE SOUTH 36 DEGREES 43 MINUTES 08 SECONDS EAST, A DISTANCE OF 24.41 FEET; THENCE SOUTH 65 DEGREES 24 MINUTES 39 SECONDS EAST, A DISTANCE OF 27.87 FEET; THENCE EASTERLY 125.81 FEET ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 2367.83 FEET, THE CHORD OF SAID CURVE BEARS NORTH 76 DEGREES 50 MINUTES 07 SECONDS EAST, 125.79 FEET TO THE EAST LINE OF SAID LOT 2; THENCE SOUTH 0 DEGREES 02 MINUTES 06 SECONDS EAST ALONG THE EAST LINE OF SAID LOT 2, A DISTANCE OF 26.70 FEET TO THE SOUTHEAST CORNER OF LOT 2; THENCE WESTERLY 132.03 FEET (130.69 FEET, RECORDED) ALONG THE SOUTHERLY LINE OF SAID LOT 2 ON A CURVE TO THE LEFT HAVING A RADIUS OF 2341.83 FEET, THE CHORD OF SAID CURVE BEARS SOUTH 76 DEGREES 36 MINUTES 15 SECONDS WEST, 132.01 FEET TO THE SOUTHWESTERLY LINE OF LOT 2; THENCE NORTH 60 DEGREES 43 MINUTES 52 SECONDS WEST ALONG THE SOUTHWESTERLY LINE OF SAID LOT 2, A DISTANCE OF 35.61 FEET (35.60 FEET, RECORDED) (35.52 FEET, RECORDED) TO THE WESTERLY LINE OF LOT 2; THENCE NORTHERLY 153.21 FEET (153.48 FEET, RECORDED) (152.10 FEET RECORDED) ALONG THE WESTERLY LINE OF SAID LOT 2 ON A CURVE TO THE RIGHT HAVING A RADIUS OF 1382.69 FEET, THE CHORD OF SAID CURVE BEARS NORTH 12 DEGREES 27 MINUTES 10 SECONDS WEST, 153.14 FEET (152.02 FEET, RECORDED) TO A POINT OF TANGENCY ON SAID WESTERLY LINE; THENCE NORTH 9 DEGREES 16 MINUTES 42 SECONDS WEST ALONG THE WESTERLY LINE OF SAID LOT 2; A DISTANCE OF 79.20 FEET (78.08 FEET, RECORDED) TO THE POINT OF BEGINNING.

BASIS OF BEARINGS

THE BASIS OF BEARINGS IS THE STATE PLANE COORDINATE SYSTEM (SPCS) NAD 83 (2007) ZONE 1201 (ILLINOIS EAST) WITH PROJECT ORIGIN AT
LATITUDE: 42° 09' 17.33687" N
LONGITUDE: 87° 57' 39.21281" W
ELLIPSOIDAL HEIGHT: 582.718 SFT
GROUND SCALE FACTOR: 1.0000411519
ALL MEASUREMENTS ARE ON THE GROUND.

STATE PLANE MERIDIAN

GRAPHIC SCALE

20' 0 10' 20' 40' 80'

1" =20'

LEGEND

PROPERTY LINE
CENTERLINE
EXISTING EASEMENT LINE
EASEMENT PREVIOUSLY VACATED
EASEMENT PREVIOUSLY VACATED
EASEMENT HEREBY VACATED

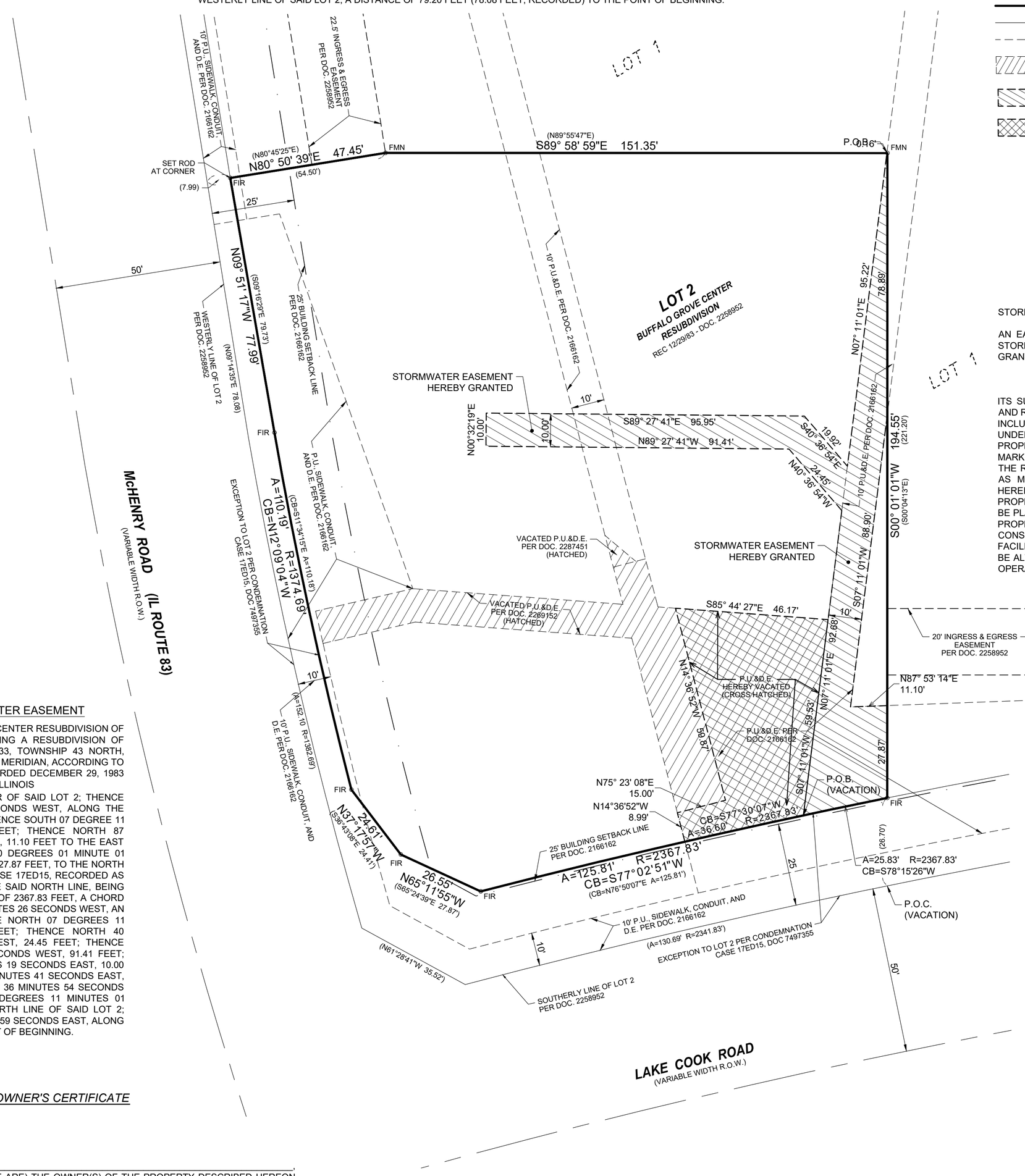
N	NORTH
S	SOUTH
E	EAST
W	WEST
CB	CHORD BEARING
A	ARC LENGTH
R	RADIUS
(0.00')	RECORD DATUM
0.00'	CALCULATED DATUM
FIR ○	FOUND IRON ROD
FMG ○	FOUND MAG NAIL

STORMWATER EASEMENT PROVISIONS:

AN EASEMENT FOR PURPOSES INCLUDING, BUT NOT LIMITED TO, STORM SEWER AND DRAINAGE, IS HEREBY RESERVED FOR AND GRANTED TO

VILLAGE OF BUFFALO GROVE

ITS SUCCESSORS AND ASSIGNS TO INSTALL, OPERATE, MAINTAIN, AND REMOVE, FROM TIME TO TIME, FACILITIES USED FOR PURPOSES INCLUDING, BUT NOT LIMITED TO, STORMWATER AND DRAINAGE, IN, UNDER, ACROSS, ALONG AND UPON THE SURFACE OF THE PROPERTY SHOWN WITHIN THE DOTTED LINES ON THE PLAT AND MARKED "STORMWATER EASEMENT". ALSO GRANTED HEREWITH IS THE RIGHT TO CUT, TRIM OR REMOVE TREES, BUSHES AND ROOTS AS MAY BE REASONABLY REQUIRED INCIDENT TO THE RIGHTS HEREIN GIVEN, AND THE RIGHT TO ENTER UPON THE SUBDIVIDED PROPERTY FOR ALL SUCH PURPOSES. OBSTRUCTIONS SHALL NOT BE PLACED OVER GRANTEE'S FACILITIES OR IN, UPON OR OVER THE PROPERTY WITHIN THE EASEMENTS WITHOUT THE PRIOR WRITTEN CONSENT OF GRANTEES. AFTER INSTALLATION OF ANY SUCH FACILITIES, THE GRADE OF THE SUBDIVIDED PROPERTY SHALL NOT BE ALTERED IN A MANNER SO AS TO INTERFERE WITH THE PROPER OPERATION AND MAINTENANCE THEREOF.



LEGAL DESCRIPTION OF STORMWATER EASEMENT

THAT PART OF LOT 2 IN BUFFALO GROVE CENTER RESUBDIVISION OF LOT 1 IN BUFFALO GROVE CENTER, BEING A RESUBDIVISION OF PART OF THE SOUTH 1/2 OF SECTION 33, TOWNSHIP 43 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT OF SAID RESUBDIVISION RECORDED DECEMBER 29, 1983 AS DOCUMENT 2258952 IN LAKE COUNTY, ILLINOIS

BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 2; THENCE SOUTH 00 DEGREES 01 MINUTE 01 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 2, 78.89 FEET; THENCE SOUTH 07 DEGREE 11 MINUTES 01 SECONDS WEST, 88.90 FEET; THENCE NORTH 87 DEGREES 53 MINUTES 14 SECONDS EAST, 11.10 FEET TO THE EAST LINE OF SAID LOT 2; THENCE SOUTH 00 DEGREES 01 MINUTE 01 SECONDS WEST, ALONG SAID EAST LINE, 27.87 FEET, TO THE NORTH LINE OF THAT PART CONDEMNED PER CASE 17ED15, RECORDED AS DOCUMENT 7497355; THENCE ALONG THE SAID NORTH LINE, BEING THE ARC OF A CURVE HAVING A RADIUS OF 2367.83 FEET, A CHORD BEARING OF SOUTH 78 DEGREES 15 MINUTES 26 SECONDS WEST, AN ARC DISTANCE OF 25.83 FEET; THENCE NORTH 07 DEGREES 11 MINUTES 01 SECONDS EAST, 92.68 FEET; THENCE NORTH 40 DEGREES 36 MINUTES 54 SECONDS WEST, 24.45 FEET; THENCE NORTH 89 DEGREES 27 MINUTES 41 SECONDS WEST, 91.41 FEET; THENCE NORTH 00 DEGREES 32 MINUTES 19 SECONDS EAST, 10.00 FEET; THENCE SOUTH 89 DEGREES 27 MINUTES 41 SECONDS EAST, 95.95 FEET; THENCE SOUTH 40 DEGREES 36 MINUTES 54 SECONDS EAST, 19.92 FEET; THENCE NORTH 07 DEGREES 11 MINUTES 01 SECONDS EAST, 95.22 FEET TO THE NORTH LINE OF SAID LOT 2; THENCE SOUTH 89 DEGREES 58 MINUTES 59 SECONDS EAST, ALONG SAID NORTH LINE, 0.16 FEET TO THE POINT OF BEGINNING.

LEGAL DESCRIPTION OF VACATED EASEMENT

THAT PART OF LOT 2 IN BUFFALO GROVE CENTER RESUBDIVISION OF LOT 1 IN BUFFALO GROVE CENTER, BEING A RESUBDIVISION OF PART OF THE SOUTH 1/2 OF SECTION 33, TOWNSHIP 43 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT OF SAID RESUBDIVISION RECORDED DECEMBER 29, 1983 AS DOCUMENT 2258952 IN LAKE COUNTY, ILLINOIS

BEGINNING AT THE SOUTHEAST CORNER OF SAID LOT TWO; THENCE NORTH 00 DEGREES 01 MINUTES 01 SECONDS ALONG THE EAST LINE OF SAID LOT 2, 26.70 FEET TO THE NORTH LINE OF THAT PART CONDEMNED PER CASE 17ED15, RECORDED AS DOCUMENT 7497355; THENCE ALONG THE SAID NORTH LINE, BEING THE ARC OF A CURVE HAVING A RADIUS OF 2367.83 FEET, A CHORD BEARING OF SOUTH 78 DEGREES 15 MINUTES 26 SECONDS WEST, AN ARC DISTANCE OF 25.83 FEET, TO THE POINT OF BEGINNING; THENCE CONTINUING ALONG SAID NORTH LINE A CHORD BEARING OF SOUTH 77 DEGREES 30 MINUTES 07 SECONDS EAST, AN ARC DISTANCE OF 36.60 FEET; THENCE NORTH 14 DEGREES 36 MINUTES 52 SECONDS WEST, 8.99 FEET; THENCE NORTH 75 DEGREES 23 MINUTES 08 SECONDS EAST, 15.00 FEET; THENCE NORTH 14 DEGREES 36 MINUTES 52 SECONDS WEST, 59.87 FEET; THENCE SOUTH 85 DEGREES 44 MINUTES 27 SECONDS EAST, 46.17 FEET; THENCE SOUTH 07 DEGREES 11 MINUTES 01 SECONDS WEST, TO THE POINT OF BEGINNING.

OWNER'S CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF _____)

I (WE), _____,
DO HEREBY CERTIFY THAT I AM (WE ARE) THE OWNER(S) OF THE PROPERTY DESCRIBED HEREON AND DOES HEREBY CONSENT TO THE EASEMENT GRANTED BY THIS DOCUMENT.

DATED THIS _____ DAY OF _____, A.D., 20 ____.

OWNER(S): _____

_____

NOTARY PUBLIC

STATE OF ILLINOIS)
) SS
COUNTY OF _____)

I, _____, A NOTARY PUBLIC IN AND FOR SAID COUNTY IN THE STATE AFORESAID, DO HEREBY CERTIFY THAT _____ AND _____, RESPECTIVELY, THE _____ OF _____, PERSONALLY KNOWN TO ME TO BE THE SAME PERSON(S) WHOSE NAME(S) ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT AS OWNERS, AS SUCH _____ , RESPECTIVELY, APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THAT THEY SIGNED THE SAID INSTRUMENT AS THE FREE AND VOLUNTARY ACT, AND AS THE FREE AND VOLUNTARY ACT OF SAID _____, FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND SEAL THIS _____ DAY OF _____, 20____.

BY: _____
NOTARY PUBLIC

MY COMMISSION EXPIRES: _____

CORPORATE AUTHORITY'S CERTIFICATE

APPROVED AND ACCEPTED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, AT A MEETING HELD THIS _____ DAY OF _____, 20_____.

_____
VILLAGE PRESIDENT

ATTEST:

_____
VILLAGE CLERK

VILLAGE ENGINEER'S CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF LAKE)

APPROVED BY THE VILLAGE ENGINEER OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS

DATED THIS _____ DAY OF _____, A.D., 20_____.

_____
VILLAGE ENGINEER

APPROVED AND ACCEPTED

AT&T
BY: _____ DATE:_____
TITLE: _____

COMMONWEALTH EDISON COMPANY
BY: _____ DATE:_____
TITLE: _____

COMCAST
BY: _____ DATE:_____
TITLE: _____

LEVEL 3 / LUMEN
BY: _____ DATE:_____
TITLE: _____

MCI/VERIZON
BY: _____ DATE:_____
TITLE: _____

NICOR GAS
BY: _____ DATE:_____
TITLE: _____

RECORDER'S CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF LAKE)

THIS INSTRUMENT NO. _____ WAS FILED FOR RECORD IN THE RECORDERS OFFICE OF LAKE COUNTY AFORESAID ON THE _____ DAY OF _____, A.D., 20_____, AT _____ O'CLOCK __.M.

_____
LAKE COUNTY RECORDER

THIS PLAT HAS BEEN SUBMITTED FOR RECORDING BY AND RETURN TO:
NAME: ***VILLAGE OF BUFFALO GROVE CLERK***
ADDRESS: ***50 RAUPP BLVD***
BUFFALO FROVE, ILLINOIS 60089
(847) 459-2500

SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF DUPAGE)

I, EDWARD J. MURRAY, AN ILLINOIS PROFESSIONAL LAND SURVEYOR DO HEREBY CERTIFY THAT THE PLAT HEREON DRAWN WAS PREPARED AT AND UNDER MY DIRECTION. ALL DIMENSIONS SHOWN ARE IN FEET AND DECIMAL PARTS THEREOF.

FURTHERMORE, I DESIGNATE THE VILLAGE OF BUFFALO GROVE TO ACT AS MY AGENT FOR THE PURPOSES OF RECORDING THIS DOCUMENT.

GIVEN UNDER MY HAND AND SEAL THIS 13TH DAY OF DECEMBER , A.D., 2023 .

EDWARD J. MURRAY
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-4037
MY LICENSE EXPIRES ON NOVEMBER 30, 2024.
V3 COMPANIES, LTD. PROFESSIONAL DESIGN FIRM NO. 184000902
THIS DESIGN FIRM NUMBER EXPIRES APRIL 30, 2025.
emurray@v3co.com

PROFESSIONAL LAND SURVEYOR
EDWARD J. MURRAY
4037
WOODRIDGE, ILLINOIS
STATE OF ILLINOIS

Engineers
Scientists
Surveyors
7325 Janes Avenue, Suite 100
Woodridge, IL 60517
630.724.9200 voice
630.724.0384 fax
v3co.com

PREPARED FOR:
PROOF CIVIL CO
600 GRANT STREET, SUITE 210
DENVER, CO 80203
303-325-5709

REVISIONS

NO.	DATE	DESCRIPTION
1.	01/08/24	REVISED PER VILLAGE COMMENT
2.	01/16/24	REVISED PER VILLAGE COMMENT

PLAT OF EASEMENT
LAZY DOG - BUFFALO GROVE, ILLINOIS

DRAFTING COMPLETED:	12/13/23	DRAWN BY:	MLP	PROJECT MANAGER:	EJM
FIELD WORK COMPLETED:	08/30/23	CHECKED BY:	EJM	SCALE:	1" = 20'

Project No: 230819
Group No: VP10.1
SHEET NO. 1 of 1

Attachment: VAC230819.LD_R2 (O-2024-15 : Lazy Dog Development Improvement Agreement)

Ordinance No. O-2024-16 : Approval of an Amendment to the Special Use and Preliminary Plan and Zoning for a Cellular Tower at the Public Works at 1650 Leider Lane.

Recommendation of Action

The Planning & Zoning Commission unanimously recommended approval of the variations. Staff concurs with this recommendation.

SUMMARY: The Public Works Department is seeking zoning approvals to allow a 120-foot tower to be constructed at 1650 Leider Lane. The Planning & Zoning Commission unanimously recommended approval of the variations.

ATTACHMENTS:

- BOT Memo (DOCX)
- Ordinance (DOCX)
- Exhibit B. Plan Set (PDF)
- Exhibit C. Draft Minutes PZC Jan 17, 2024 (PDF)
- Ordinance 2023-021 (PDF)

Trustee Liaison
Weidenfeld

Staff Contact
Nicole Woods, Community Development

Monday, February 5, 2024	

VILLAGE OF BUFFALO GROVE

MEMORANDUM

DATE: February 5, 2024

TO: Dane Bragg, Village Manager

FROM: Nicole Woods, Community Development Director
Kelly Purvis, Deputy Community Development Director

SUBJECT: 1650 Leider Lane – Public Works Cellular Tower. Approval of an amendment to the Special Use and Preliminary Plan approved by Ordinance No. 2023-021, and variations from the Zoning Code related to height and placement of a proposed 120-foot cellular tower to be constructed on the new Public Works facility property.

BACKGROUND

The Village of Buffalo Grove Public Works Department is seeking zoning approvals to allow a 120-foot cellular tower to be constructed on the south side (side yard) of the new Public Works property at 1650 Leider Lane. The property is a little over 9 acres in area, zoned for Industrial Use, and is currently improved with a 173,000 sf building that is under renovation for the new Public Works facility. The Comprehensive Plan indicates that the subject property and all surrounding properties should be Industrial Uses.

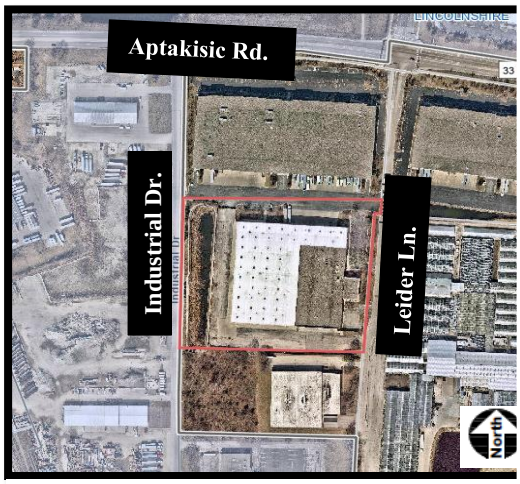


Figure 1. New Public Works Property – 1650 Leid

For the cellular tower to be constructed as proposed, the following approvals are needed: an amendment to the Special Use and Preliminary Plan approved by Ordinance No. 2023-021, and variations from the Zoning Code related to height and placement of a proposed 120-ft cellular tower.

PLANNING & ZONING ANALYSIS

Proposed Plan:

The proposed tower would be 120-feet tall (with a 20-foot grounding pole), self-supporting with mounted antennas and have anti-climb shields on the sides of the tower base (see Figure 2). The communications devices mounted on the towers would only be Village specific devices, and no commercial use devices are proposed. The tower is critical to the connectivity of Public Works communications and would support efforts to serve Village residents effectively and efficiently during daily activities as well as emergency situations. There is no ground equipment or enclosure proposed for the tower.

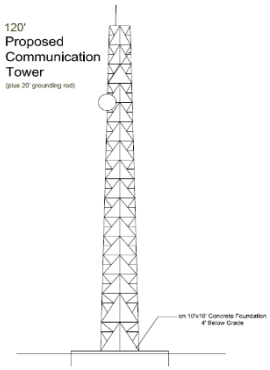


Figure 2. Proposed Cell

Special Use and Variations:

The proposed tower would require a Special Use and variations for its height and location. Village Code allows cellular towers in the industrial district up to a height of

80-feet with a Special Use. The tower is required to be setback from property lines a minimum distance equal to the height of the tower. The tower will be setback approximately 73' – 6" from the front (east) property line and 82' from the side (south) property line (see Figure 3). In addition, the tower is considered an accessory structure and is required to be placed behind the mid-point of the principal building when constructed in the side yard.

Staff is supportive of the special use and variation requests, as the tower is necessary for Village operations, it is similar in height or shorter than other tower structures in the Village and would be constructed within the buildable area of the property (outside of any required setbacks).

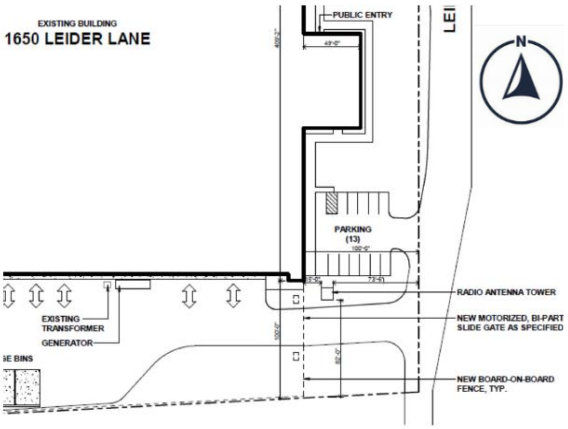


Figure 3. Partial Site Plan

PUBLIC HEARING COMMENTS

There were no comments from the public.

PLANNING & ZONING COMMISSION (PZC) RECOMMENDATION

The PZC **unanimously recommended approval** of an amendment to the Special Use and Preliminary Plan approved by Ordinance No. 2023-021, and variations from the Zoning Code related to height and placement of a proposed 120-foot cellular tower at 1650 Leider Lane, subject to the following conditions:

1. The proposed tower shall be constructed in substantial conformance with the plans attached as part of the petition.
2. The Special Use is granted to the Village of Buffalo Grove Public Works Department to construct a cellular tower at 1650 Leider Lane, which shall not run with the land.
3. The Special Use granted to the Buffalo Grove Public Works Department is assignable to subsequent petitioners seeking assignment of this special use as follows:
   i. Upon application of a petitioner seeking assignment of this Special Use, the Corporate Authorities, in their sole discretion, may refer said application of assignment to the appropriate commission(s) for a public hearing or may hold a public hearing at the Village Board.
   ii. Such assignment shall be valid only upon the adoption of a proper, valid, and binding ordinance by the Corporate Authorities granting said assignment, which may be granted or denied for any reason.

RECOMMENDATION

Staff recommends that the Village Board adopt an Ordinance granting approval of the requested amendment to the Special Use and Preliminary Plan approved by Ordinance No. 2023-021, and variations from the Zoning Code related to height and placement of a proposed 120-foot cellular tower at 1650 Leider Lane, subject to the conditions in the attached Ordinance.

ATTACHMENTS

- Narrative Description
- Site Plans & Elevations
- Response to Special Use Standards
- Response to Zoning Variation Standards
- Ordinance No. 2023-01

ORDINANCE NO. 2024 - ____

AN ORDINANCE APPROVING AN AMENDMENT TO THE SPECIAL USE AND PRELIMINARY PLAN APPROVED BY ORDINANCE NO. 2023-021, AND ZONING CODE VARIATIONS FOR 1650 LEIDER LANE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS

Public Works Facility Cellular Tower
1650 Leider Lane

WHEREAS, the Village of Buffalo Grove is a Home Rule Unit by virtue of the Illinois Constitution of 1970; and,

WHEREAS, 1650 Leider Lane, Buffalo Grove, IL ("Property") is a 9.3-acre site in the I Industrial District which is currently improved with a vacant 173,000 square foot building and is hereinafter legally described in Exhibit A; and,

WHEREAS, the Village of Buffalo Grove Public Works Department, ("Petitioner") has filed a petition to allow the construction of a 120-foot cellular tower on the subject property, and is requesting the following approvals:

1. An amendment to the Special Use and Preliminary Plan approved by Ordinance No. 2023-021 to allow a cellular tower on the subject property in the Industrial District;

2. The following Zoning Variations:
   a. A Variation from Section 17.48.020 to allow a cellular communication tower more than 80-feet in height;

   b. A Variation from Section 17.32.020 to allow a cellular communication tower (accessory structure) to be constructed in the side yard closer to the street than the midpoint of the principal building;

   c. A Variation from Section 17.48.020 to allow a cellular communication tower to be a distance less than the height of the tower from the property lines; and,

WHEREAS, the Village Planning & Zoning Commission conducted a public hearing on January 17, 2024, concerning the petition for approval of the amendment to the Special Use and Preliminary Plan granted by Ordinance No. 2023-021, and the above noted Zoning Variations; and,

WHEREAS, the Planning & Zoning Commission made findings and determined that the petition meets the criteria for Special Uses and Variations as set forth in the Buffalo Grove Zoning Ordinance, as described in the minutes attached as Exhibit C; and,

WHEREAS, the Planning & Zoning Commission voted 5 to 0 to unanimously recommend approval of the requested amendment to the Special Use and Preliminary Plan granted by Ordinance No. 2023-021

and the Zoning Variations; and,

WHEREAS, the President and Village Board of Trustees after due and careful consideration have concluded that the proposed amendment to the Special Use and Preliminary Plan granted by Ordinance No. 2023-021 and the Zoning Variations are reasonable and will serve the best interests of the Village.

WHEREAS, the proposed project shall be constructed in accordance with and pursuant to the following exhibits:

EXHIBIT A Legal Description of the Property

EXHIBIT B Plan Set

EXHIBIT C Draft Minutes from the January 17, 2024, Planning & Zoning Commission Meeting

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS:

Section 1. This Ordinance is made pursuant to and in accordance with the Village's Zoning Ordinance and the Village's Home Rule powers. The preceding whereas clauses are hereby made a part of this Ordinance.

Section 2. The Corporate Authorities hereby adopt a proper, valid, and binding ordinance approving the amendment to the Special Use and Preliminary Plan granted by Ordinance No. 2023-021 and the Zoning Variations for the Property at 1650 Leider Lane, Buffalo Grove, IL, subject to the following conditions:

A. The proposed project shall be constructed in substantial conformance with the plans attached as part of the petition.

B. The Special Use is granted to the Village of Buffalo Grove Public Works Department to construct a cellular tower at 1650 Leider Lane, which shall not run with the land.

C. The Special Use granted to the Buffalo Grove Public Works Department is assignable to subsequent petitioners seeking assignment of this special use as follows:

   a. Upon application of a petitioner seeking assignment of this Special Use, the Corporate Authorities, in their sole discretion, may refer said application of assignment to the appropriate commission(s) for a public hearing or may hold a public hearing at the Village Board.
   b. Such assignment shall be valid only upon the adoption of a proper, valid, and binding ordinance by the Corporate Authorities granting said assignment, which may be granted or denied for any reason.

Section 3. This Ordinance shall be in full force and effect upon passage.

This Ordinance shall not be codified.

AYES: _____

NAYS: _____

ABSENT: _____

PASSED: _____

APPROVED: _____

ATTEST:

_____
Village Clerk

APPROVED:

_____
Eric Smith, Village President

Attachment: Ordinance (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

EXHIBIT A

Legal Description
Public Works Facility Property
1650 Leider Lane

LOT 3 IN THE FINAL PLAT OF APTAKISIC CREEK CORPORATE PARK, BEING A SUBDIVISION OF PART OF THE NORTHWEST ¼ OF SECTION 27, TOWNSHIP 43 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 11, 2008 AS DOCUMENT NUMBER 6379848, IN LAKE COUNTY, ILLINOIS.

PIN: 15-27-101-010

Attachment: Ordinance (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

EXHIBIT B

Plan Set
Public Works Cellular Tower
1650 Leider Lane

Attachment: Ordinance (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

EXHIBIT C

Draft Minutes from the January 17, 2024, Planning & Zoning Commission Meeting
Public Works Cellular Tower
1650 Leider Lane

VILLAGE OF
BUFFALO GROVE

MEMORANDUM

DATE: January 11, 2024

TO: Kelly Purvis, Deputy Community Development Director

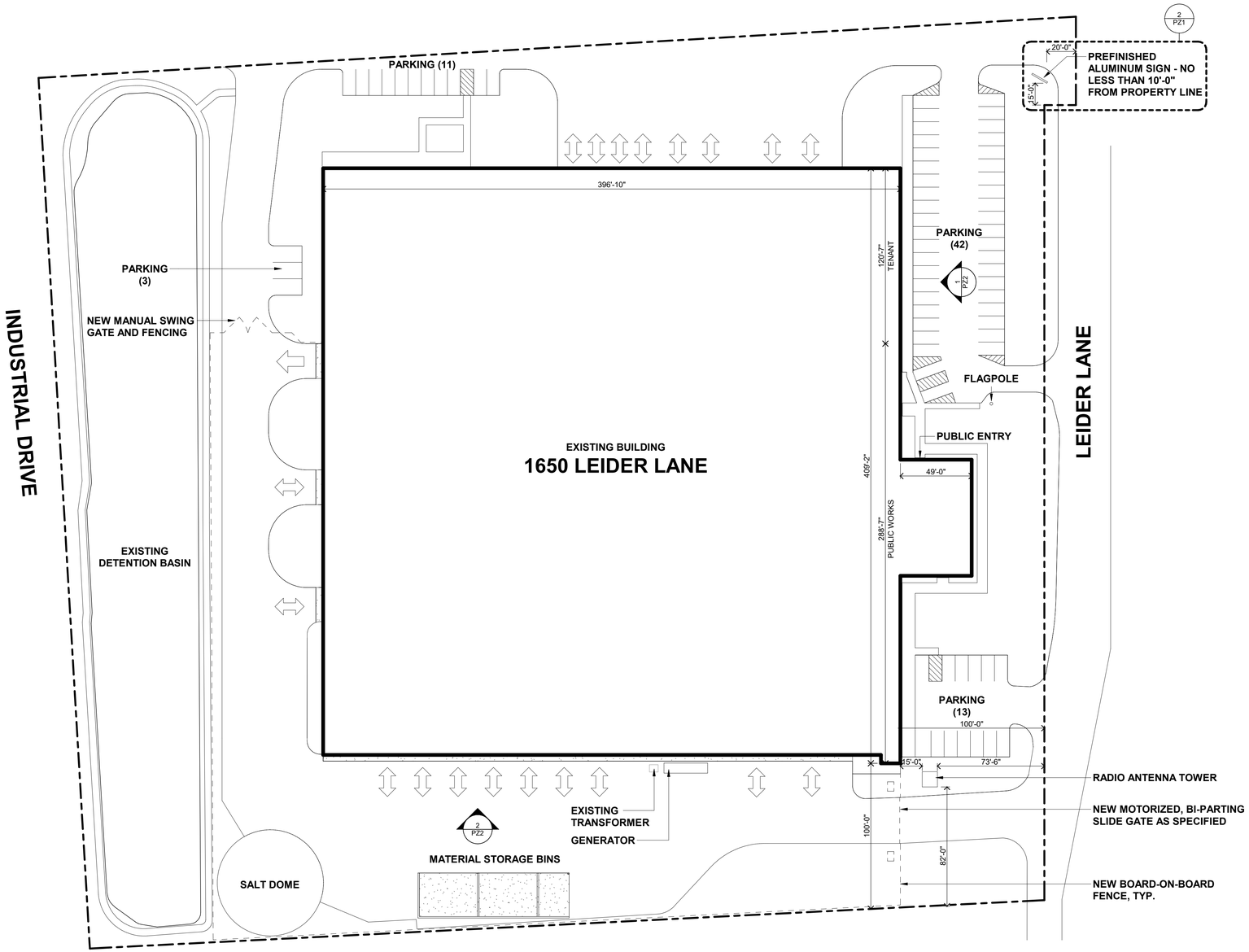
FROM: Jim Warnstedt, Deputy Director of Public Works

SUBJECT: Public Works Communication Antenna Narrative

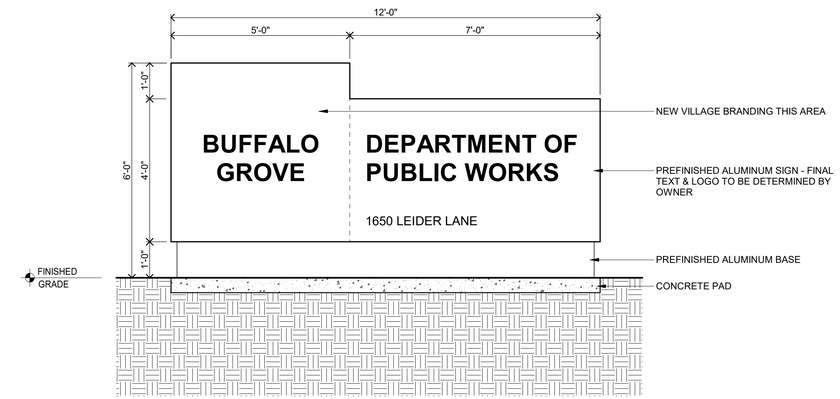
Overview

The Village of Buffalo Grove Department of Public Works is seeking approval to construct a new antenna tower at the new Public Works facility at 1650 Leider Lane. The proposed tower would be 120 feet tall, self-supporting with mounted antennas and have anti-climb shields on the sides of the tower base. The communications devices mounted on the towers would only be Village specific devices, and no commercial use devices are proposed. The tower is critical to the connectivity of Public Works communications and would support our efforts to serve our residents effectively and efficiently during daily activities as well as emergency situations.

Village of Buffalo Grove
NEW PUBLIC WORKS FACILITY



1 **ARCHITECTURAL SITE PLAN**
1" = 40'-0"
0 30' 60'



2 **POST MOUNTED SITE SIGN**
1/2" = 1'-0"
0 1'-6" 3'

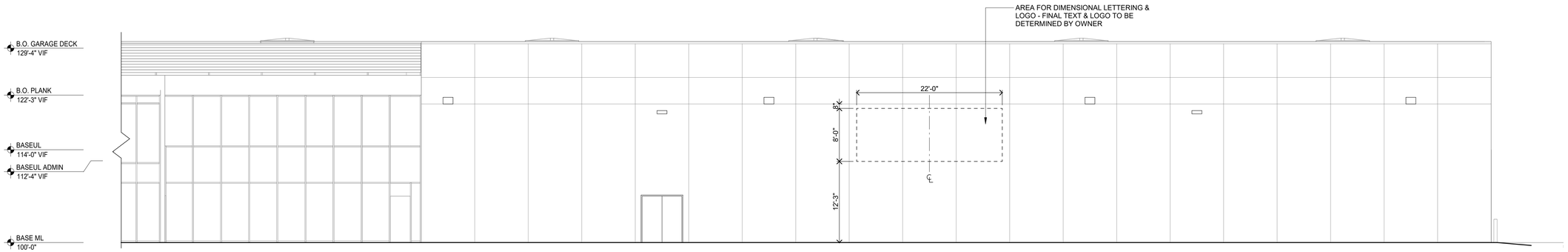
12/20/2023 9:26:46 AM
Autodesk Docs://223079 Buffalo Grove Public Works/Buffalo Grove Public Works (central 2022).rvt
Central: Autodesk Docs://223079 Buffalo Grove Public Works/Buffalo Grove Public Works (central 2022).rvt

PZ1 PLANNING & ZONING EXHIBIT

Comm No: 223079

Attachment: Exhibit B. Plan Set (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

Village of Buffalo Grove
NEW PUBLIC WORKS FACILITY

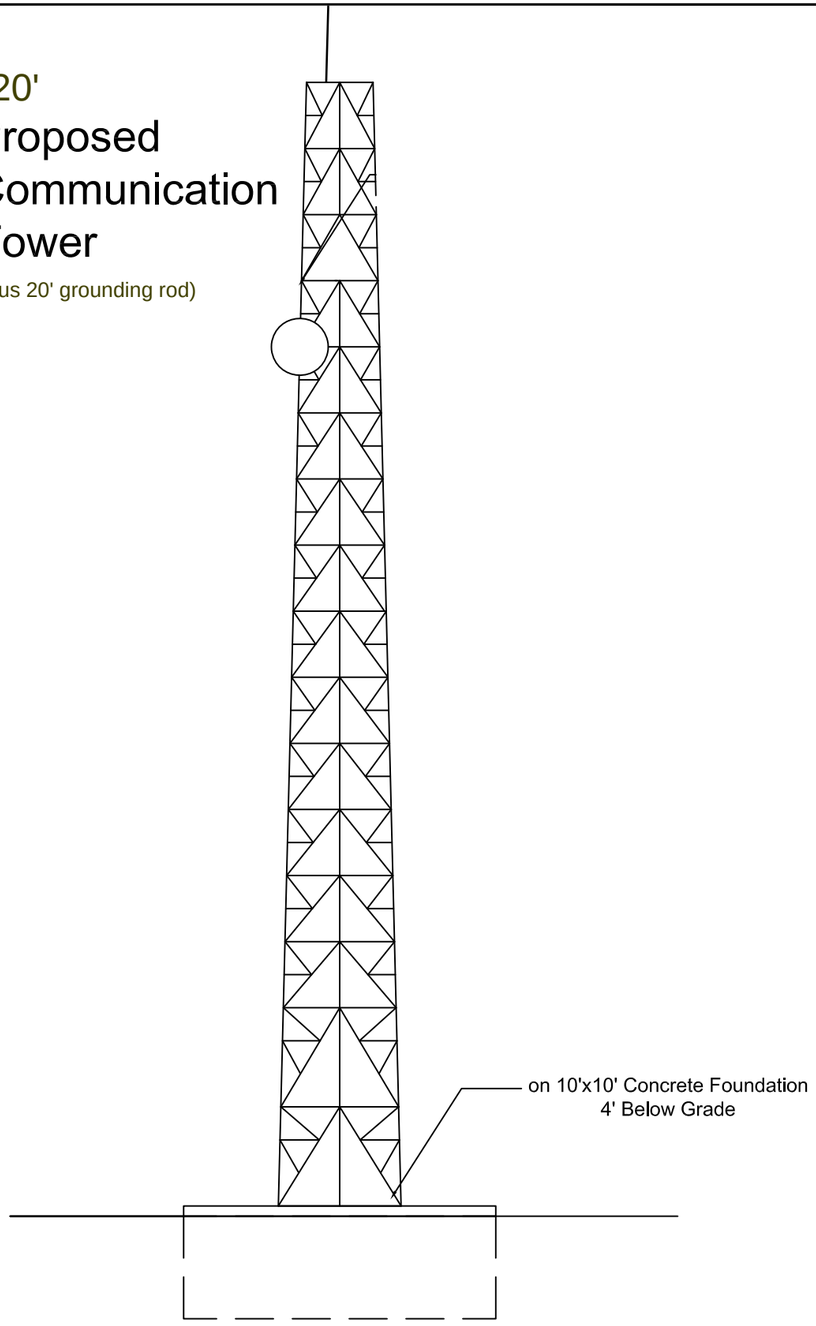


1 **PARTIAL EAST ELEVATION**
1/8" = 1'-0"
0 6' 12'

2 **PARTIAL SOUTH ELEVATION Copy 1**
1/16" = 1'-0"
0 12' 24'

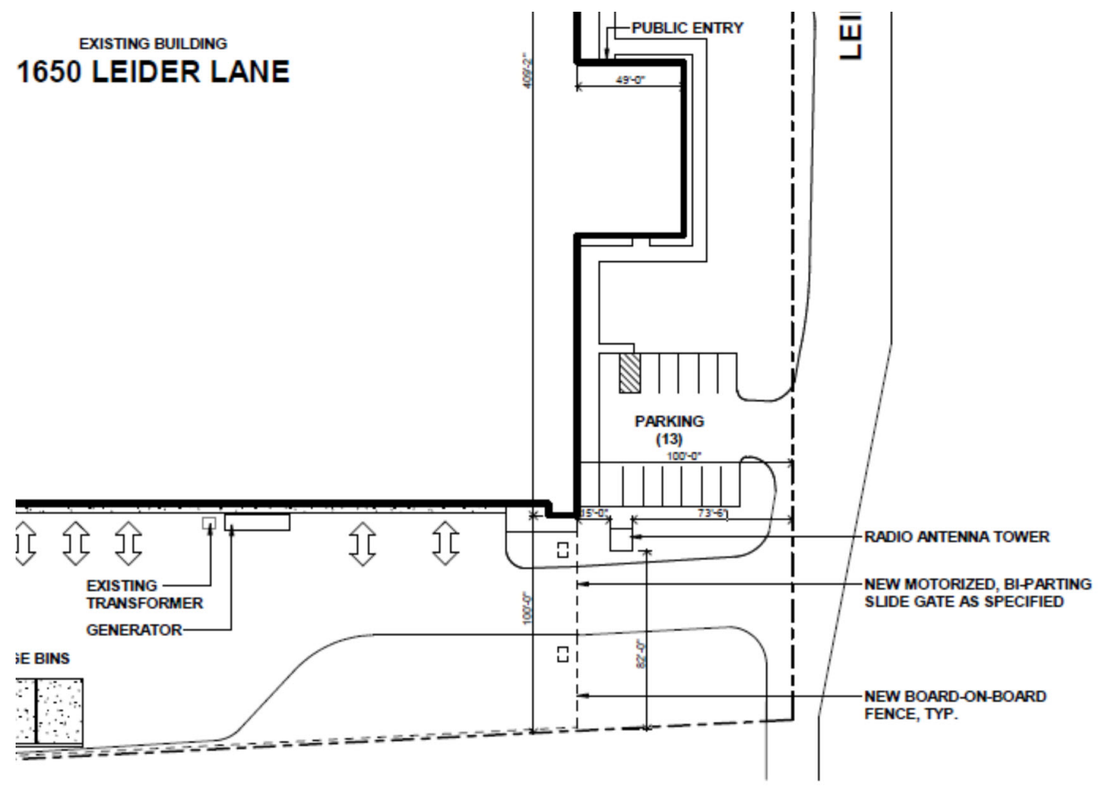
Attachment: Exhibit B. Plan Set (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

120'
Proposed
Communication
Tower
(plus 20' grounding rod)



Tower Elevation

Equipment Specifications



N

Partial Site Plan

General Notes

SABRE MODEL 3600SRWD
FREESTANDING TOWER
Quantity of one (1) 120' Sabre Model 3600SRWD freestanding tower.
The tower will be triangular in design, 3' - 0" on a face and consist of solid welded 20' sections.
ANSI/TIA-222-G

1) All legs are A572 Grade 50.
2) All braces are A36
3) The tower model is 3600 SRWD Freestanding.
4) Azimuths are relative (not based on true north).
5) Foundation loads shown are maximums.
6) (4) 1" dia. x 51"-long F1554 grade 105 anchor bolts per leg.
7) Weights shown are estimates. Final weights may vary.
8) This tower design and, if applicable, the foundation design(s) shown on the following page(s) also meet or exceed the requirements of the 2015 International Building Code.
9) No grout is required under the base plates.

Tower Elevation
and
Site Plan

No.	Revision/Issue	Date

Firm Name and Address
Urban Communications, Inc.
5320 W 159th Street
Suite 503
Oak Forest, IL 60452
ph. 708-687-2090

Project Name and Address
Buffalo Grove Public Works
1650 Leider Lane

Lat N 42.17946
Long W 87.94107

Project: BG PW
Date: 12/5/23
Scale:
Sheet: A-1

Attachment: Exhibit B. Plan Set (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

PROPOSED VILLAGE OF BUFFALO GROVE COMMUNICAITONS TOWER
1650 LEIDER LANE

VILLAGE OF BUFFALO GROVE

During your testimony at the Public Hearing, you need to testify and present your case for the Special Use being requested. In doing so, you need to address the six (6) Special Use Standards listed below:

SPECIAL USE STANDARDS

1. The special use will serve the public convenience at the location of the subject property; or the establishment, maintenance or operation of the special use will not be detrimental to or endanger the public health, safety, morals, comfort, or general welfare;

   Response: ***Confirmed. The installation of the communications tower will be a benefit to the public through providing emergency operations-related communication capabilities.*** **The tower is built to industry standards and will be used to support the public safety requirements of the Village.** ***In no way will the requested special uses be detrimental to or endanger the public health, safety, morals, comfort, or general welfare.***

2. The location and size of the special use, the nature and intensity of the operation involved in or conducted in connection with said special use, the size of the subject property in relation to such special use, and the location of the site with respect to streets giving access to it shall be such that it will be in harmony with the appropriate, orderly development of the district in which it is located;

   Response: The construction of the tower at a height greater than 80 feet in this neighborhood will be in harmony with the district.

3. The special use will not be injurious to the use and enjoyment of other property in the immediate vicinity of the subject property for the purposes already permitted in such zoning district, nor substantially diminish and impair other property valuations with the neighborhood;

   Response: ***Confirmed. The special use will not be injurious to the use and enjoyment of other property in the immediate vicinity of the subject property for the purposes already permitted in such zoning district, nor substantially diminish and impair other property valuations with the neighborhood.***

4. The nature, location and size of the buildings or structures involved with the establishment of the special use will not impede, substantially hinder or discourage the development and use of adjacent land and buildings in accord with the zoning district within which they lie;

   Response: ***Confirmed. The nature, location and size of the buildings or structures involved with the establishment of the special use will not impede, substantially hinder or discourage the development and use of adjacent land and buildings in accord with the zoning district within which they lie***

5. Adequate utilities, access roads, drainage, and/or other necessary facilities have been or will be provided;

   Response: ***Confirmed. Adequate utilities, access roads, drainage, and/or other necessary facilities have been accounted for in the design of the requested special uses.***

6. Parking areas shall be of adequate size for the particular special use, which areas shall be properly located and suitably screened from adjoining residential uses, and the entrance and exit driveways to and from these parking areas shall be designed so as to prevent traffic hazards, eliminate nuisance and minimize traffic congestion in the public streets.

Response: ***Confirmed. Parking areas will comply with these requirements.***

VILLAGE OF BUFFALO GROVE

During your testimony at the Public Hearing, you need to testify and present your case for the variance being requested. During your testimony, you need to address the three (3) Variation Standards listed below:

Criteria for Zoning Variation.

A. The regulations of this Title shall not be varied unless findings of fact are made based upon evidence presented at the hearing that:

1. The property in question cannot yield a reasonable return if permitted to be used only under the conditions allowed by the regulations of the zoning district in which it is located except in the case of residential zoning districts;

Response:

This requested variance is the construction of a telecommunications tower for the use of Village communications at the new adjacent Public Works and EMA facility. The additional height is necessary for proper operation of direct line of sight for the microwave antennas to be mounted on the tower and the increased size over the 80' level is necessary to accommodate the necessary additional required communications equipment for public safety. The facility's feasibility as a base of operations for the Department of Public Works is dependent on the requested zoning variance for the property to support the proposed use. The installation of the proposed communications tower is essential to providing necessary communication between Village facilities and other coordinating agencies.

2. The plight of the owner is due to unique circumstances;

Response:

This requested variance is the construction of a telecommunications tower for the use of Village communications at the new adjacent Public Works and EMA facility. The additional height is necessary for proper operation of direct line of sight for the microwave antennas to be mounted on the tower and the increased size over the 80' level is necessary to accommodate the necessary additional required communications equipment for public safety. The inability for communications between other Village facilities and coordinating agencies will make this facility not feasible.

3. The proposed variation will not alter the essential character of the neighborhood

Response:

The industrial nature of the public works garage and the surrounding area will not be altered by the construction of the communications tower at this location. The existing adjacent properties are utilized for similar commercial and industrial uses.

01/17/2024

MINUTES OF THE REGULAR MEETING OF THE PLANNING AND ZONING COMMISSION OF THE VILLAGE OF BUFFALO GROVE HELD IN THE COUNCIL CHAMBERS, 50 RAUPP BOULEVARD, BUFFALO GROVE, ILLINOIS ON WEDNESDAY, JANUARY 17, 2024

Call to Order

The meeting was called to order at 7:30 PM by Chair Mitchell Weinstein

Public Hearings/Items For Consideration

1. Consideration of a Petition for Approval of an Amendment to the Special Use and Preliminary Plan Approved by Ordinance No. 2023-021, and Variations from the Zoning Code Related to Height and Placement of a Proposed 120-Foot Cellular Tower to be Constructed on the New Public Works Facility Property at 1650 Leider Lane. (Trustee Weidenfeld) (Staff Contact: Kelly Purvis)

Petitioners were sworn in.

Purvis, Deputy Community Development Director provided a background on the subject property and the request.

James Warnstedt, Deputy Public Works Director of Buffalo Grove, was sworn in as the Petitioner.

Com. Moody asked how tall the tower is at the Village Campus.

Warnstedt stated 125 feet.

Com. Moody asked if Central Dispatch will have room on the new tower.

Warnstedt confirmed and indicated that the plan is to relocate the EOC to the new Public Works Facility.

Com. Moody asked about the setup and channels being used.

Warnstedt responded with the antenna system specifications.

Com. Moody asked if there is space on the tower to install and lease to commercial.

Warnstedt stated that they are sizing the tower to meet the needs for the Village in terms of public works, police and fire and are not considering commercial with the new tower.

Com. Moody asked to describe the surrounding area.

Warnstedt stated that the area is primarily industrial with large warehouse buildings and a landscape nursey across the street.

Vice Chairman Richards ask if this tower was a change in the plan since it was approved as a Special Use last year.

Warnstedt stated that the initial idea didn't anticipate the need for a larger tower than Code would permit and the plan has evolved into a plan to get a taller tower to help with communication not only with public works but also the rest of emergency services.

Vice Chairman Richards asked about the security and safety around the proposed tower and if they feel the tower would be OK from a safety perspective.

Warnstedt that there will be an anti-climb shield and there will also be cameras installed at four corners of the building and he feels the tower will be safe due to the industrial area and the safety measures that are put in place.

Com. Saxena asked about the height of the tower and the height of other tall buildings in the area and if that will have any effect on the tower's communication ability.

Ryan Sterling, Urban Communications, was sworn in and stated that the reason the tower will be taller than what was originally proposed is to future proof it for taller buildings in the area.

Questions were asked about lighting and the safety of the tower and the surrounding area.

Com. Davis asked if there will be any space left on the tower for future expansion of communication equipment.

Warnstedt stated from a design standpoint there is only what we need on the tower now but some room if there is need to add something in the future for Village use.

Sterling stated that this tower is designed for public works and emergency communications, not for commercial. He stated that commercial equipment is a lot bigger and would not be supported on the proposed tower.

Further discussion regarding optics and cables of the tower were asked and discussed.

Chairman Weinstein asked for clarification that the new tower being proposed is not to replace an existing tower.

Warnstedt confirmed.

Chairman Weinstein asked Staff in the material presented if the antenna tower and cellular tower were meant to be interchangeable.

Purvis confirmed.

Warnstedt thanked the Commissioners for their time and for asking good questions.

The public hearing closed at 7:55 PM.

Vice Chairman Richards made a motion to make positive recommendation to the Village Board to approval of an amendment to the Special Use and Preliminary Plan approved by Ordinance No. 2023-021, and variations from the Zoning Code related to height and placement of a proposed 120-foot cellular tower to be constructed on the property located at 1650 Leider Lane subject to the following conditions:

A. The proposed project shall be constructed in substantial conformance with the plans attached as part of the petition.

B. The Special Use is granted to the Village of Buffalo Grove Public Works Department to construct a cellular tower at 1650 Leider Lane, which shall not run with the land.

C. The Special Use granted to the Buffalo Grove Public Works Department is assignable to subsequent petitioners seeking assignment of this special use as follows:

i. Upon application of a petitioner seeking assignment of this Special Use, the Corporate Authorities, in their sole discretion, may refer said application of assignment to the

appropriate commission(s) for a public hearing or may hold a public hearing at the Village Board.

ii. Such assignment shall be valid only upon the adoption of a proper, valid, and binding ordinance by the Corporate Authorities granting said assignment, which may be granted or denied for any reason.

Com. Davis seconded the motion.

Chairman Weinstein spoke in favor of the motion due to the need for public communications for police, fire, and public works. He continued that the variations that are being requested are reasonable, meet the criteria, and noted this is an ideal location within the industrial district and not impacting anyone.

Com. Moodhe spoke in favor of the motion and indicated that the tower fills in the dead zone in the far eastern edge of the Village.

RESULT:	**RECOMMENDATION TO APPROVE [UNANIMOUS]**
AYES:	Moodhe, Weinstein, Richards, Davis, Saxena
ABSENT:	Marc Spunt, Amy Au, Neil Worlikar

Regular Meeting

Other Matters for Discussion

Approval of Minutes

1. Planning and Zoning Commission - Regular Meeting - Jan 3, 2024 7:30 PM

RESULT:	**ACCEPTED [4 TO 0]**
AYES:	Adam Moodhe, Mitchell Weinstein, Kevin Richards, Jason Davis
ABSTAIN:	Sujat Saxena
ABSENT:	Marc Spunt, Amy Au, Neil Worlikar

Chairman's Report

None

Committee and Liaison Reports

Committee Liaison provided an update on the last Village Board Meeting.

Staff Report/Future Agenda Schedule

Staff provided information on the future agenda schedule.

Public Comments and Questions

None

Adjournment

The meeting was adjourned at 8:00 PM

Action Items

_____

Kelly Purvis

APPROVED BY ME THIS 17th DAY OF January, 2024

_____

Mitchell Weinstein, Commissioner

ORDINANCE NO. 2023-021

AN ORDINANCE APPROVING SPECIAL USES,
A PRELIMINARY PLAN AND ZONING CODE VARIATIONS
FOR 1650 LEIDER LANE
VILLAGE OF BUFFALO GROVE,
COOK AND LAKE COUNTIES, ILLINOIS

Public Works Facility
1650 Leider Lane

WHEREAS, the Village of Buffalo Grove is a Home Rule Unit by virtue of the Illinois Constitution of 1970; and,

WHEREAS, 1650 Leider Lane, Buffalo Grove, IL ("Property") is a 9.3-acre site in the I Industrial District which is currently improved with a vacant 173,000 square foot building and is hereinafter legally described in Exhibit A; and,

WHEREAS, Darren Monico, ("Petitioner") has filed a petition on behalf of the Buffalo Grove Public Works Department, to allow the Public Works Facility to be relocated to the subject property, and is requesting the following approvals:

1. A Special Use to allow a Public Works facility in the Industrial District;

2. A Special Use for outside storage of materials;

3. Approval of the Preliminary Plan;

4. The following Zoning Variations:
   a. A Variation from Section 17.32.020 to allow a salt storage dome to be constructed in the rear yard, closer than 3 feet from the interior property line;

   b. A Variation from Section 17.32.020 to allow material storage structures to be constructed within the required side yard setback and closer to the street than the midpoint of the principal building;

   c. A Variation from Section 17.48.020(C)9 to allow outside storage of materials that will not be fully enclosed; and,

WHEREAS, the Village Planning & Zoning Commission conducted a public hearing on February 1, 2023, concerning the petition for approval of the Special Uses, Preliminary Plan, and Zoning Variations; and,

WHEREAS, the Planning & Zoning Commission made findings and determined that the petition meets the criteria for Special Uses and Variations as set forth in the Buffalo Grove Zoning Ordinance, as described in the minutes attached as Exhibit C; and,

WHEREAS, the Planning & Zoning Commission voted 7 to 0 to unanimously recommend approval

of the requested Special Uses, Preliminary Plan, and Zoning Variations; and,

WHEREAS, the President and Village Board of Trustees after due and careful consideration have concluded that the proposed Special Uses, Preliminary Plan, and Zoning Variations are reasonable and will serve the best interests of the Village.

WHEREAS, the proposed development shall be operated in accordance with and pursuant to the following exhibits:

EXHIBIT A Legal Description of the Property

EXHIBIT B Plan Set

EXHIBIT C Draft Minutes from the February 1, 2023, Planning & Zoning Commission Meeting

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS:

Section 1. This Ordinance is made pursuant to and in accordance with the Village's Zoning Ordinance and the Village's Home Rule powers. The preceding whereas clauses are hereby made a part of this Ordinance.

Section 2. The Corporate Authorities hereby adopt a proper, valid, and binding ordinance approving the Special Uses, Preliminary Plan, and Zoning Variations for the Property at 1650 Leider Lane, Buffalo Grove, IL, subject to the following conditions:

A. The proposed development shall be developed in substantial conformance with the plans attached as part of the petition.

B. The Final Engineering plans shall be submitted in a manner acceptable to the Village.

C. Any directional or incidental signage added to the sign package shall be reviewed administratively by staff.

D. The Special Use is granted to the Village of Buffalo Grove Public Works Department to operate at 1650 Leider Lane, which shall not run with the land.

E. The Special Use granted to the Buffalo Grove Public Works Department is assignable to subsequent petitioners seeking assignment of this special use as follows:

a. Upon application of a petitioner seeking assignment of this Special Use, the Corporate Authorities, in their sole discretion, may refer said application of assignment to the appropriate commission(s) for a public hearing or may hold a public hearing at the Village Board.

b. Such assignment shall be valid only upon the adoption of a proper, valid, and binding ordinance by the Corporate Authorities granting said assignment, which may be granted or denied for any reason.

Section 3. This Ordinance shall be in full force and effect upon passage. This Ordinance shall not be codified.

AYES: 4 – Stein, Weidenfeld, Johnson, Smith
NAYES: 0 - None
ABSENT: 2 – Ottenheimer, Pike
PASSED: February 21, 2023
APPROVED: February 21, 2023
PUBLISHED: February 22, 2023

APPROVED:

Beverly Sussman, Village President

ATTEST:

Janet Sirabian, Village Clerk

VILLAGE OF BUFFALO GROVE
CORPORATE SEAL
ILLINOIS

EXHIBIT A
Legal Description
Public Works Facility
1650 Leider Lane

LOT 3 IN THE FINAL PLAT OF APTAKISIC CREEK CORPORATE PARK, BEING A SUBDIVISION OF PART OF THE NORTHWEST ¼ OF SECTION 27, TOWNSHIP 43 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 11, 2008 AS DOCUMENT NUMBER 6379848, IN LAKE COUNTY, ILLINOIS.
PIN: 15-27-101-010

EXHIBIT B

Plan Set
Public Works Facility
1650 Leider Lane

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

VILLAGE OF
BUFFALO GROVE

Engineering Division
Fifty-One Raupp Blvd.
Buffalo Grove, IL 60089-2198

Darren T. Monico, P.E.
Village Engineer
Phone 847-459-2523
dmonico@vbg.org

December 15, 2022

Nicole Woods
Director of Community Development
Village of Buffalo Grove

RE: 1650 Leider Lane Project Narrative

Dear Ms. Woods,

The Village of Buffalo Grove recently purchased 1650 Leider Lane, a vacant industrial building, to be used as the new location of the Public Works Department. By repurposing an existing building, the Village was able to significantly reduce the cost to move the operations when compared to the purchase and construction of a new building. However, to fully function effectively for the Public Works Department, the new property will require certain accommodations such as a text amendment, special uses, and variations from the Zoning Code.

Project Narrative

The 1650 Leider Lane property is a large industrial building that is approximately 173,000 square feet in size and was formerly used as a warehouse with a small office area. The Village is planning on using 130,000 square feet of the building for its Public Works operations while approximately 43,000 square feet will be marketed for lease to a separate entity in the future. To meet the needs of the Public Works Department, the building will need a full interior renovation, but will maintain the same building footprint. In addition, a salt dome accessory structure, and an area for the outside storage of materials are proposed. These structures are critical to Public Works operations.

As most of the proposed renovation work will be within the building, there are minimal changes proposed for the existing landscaping. However, the trash areas will remain enclosed as per Village code and the Forestry department will work on maintaining and improving the existing landscaping as per the attached plan. This will include looking for areas to install native plants to beautify and reduce maintenance responsibilities on the property.

The property is currently screened with 10-foot-tall wooden fence which will be replaced with a Code compliant 8-foot fence. There is an existing, publicly accessible entry from the main parking lot for use by the public and visitors to the facility which will be maintained for this new use.

VILLAGE OF
BUFFALO GROVE

Typical Operations

When the renovation is complete, this building will house the Public Works Department which consists of approximately 50 full time employees plus 8 to 10 seasonal employees. The hours of operation are 7 am to 3:30 pm plus emergency operations for infrastructure maintenance such as water main breaks or winter snow plowing. The building has adequate areas for parking which will be located both inside and outside the building. There will be 240 parking stalls located at the 1650 Leider Lane property, whereas the current Public Works facility has 70 parking stalls.

The parking for the department's work vehicles will be inside the building while the employee and visitor parking will be outside in the existing parking lots. In working with an architect and with the Village's space needs analysis, the inside building layout will hold the Village's work trucks and equipment without the need to provide new parking areas for trucks outside the building. Due to its previous use as an industrial building, the truck turning analysis for the lot and the existing entrances are sufficient for the village vehicles and any oversized vehicles such as fire trucks or semi-trucks and trailers.

For the daily departmental operations, the Public Works vehicles will use Leider Lane to access Aptakisic Road. As the building was previously used for an industrial use, the traffic patterns are expected to remain the same and will not negatively impact the existing road or the intersection of Aptakisic Road and Leider Lane. Due to the limited nature of public and private traffic heading to the Public Works Department, it is expected that this use will generate less traffic than the past industrial use. Access to the site will be made through the existing entrances and no new entrances are proposed. Leider Lane is a private road maintained by a property management association made up of the 4 properties located at 1625, 1650, 1700, and 1701 Leider Lane.

The properties around Leider Lane are all industrial or commercial uses and this proposed use will fit right in with the typical work in the area. As Public Work operations can sometimes happen at night, this new area is not near residential properties and any noise after normal business hours will not be unusual for this industrial area. More information is provided in the attached responses to the Special Use and Zoning Variation standards.

Sincerely,

Darren Monico, P.E.
Village Engineer
Village of Buffalo Grove

An Internationally Accredited
Public Works Agency
Since 2004

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

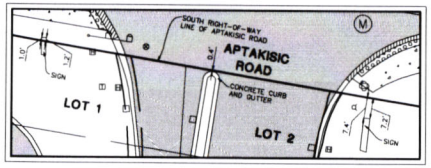
ALTA/NSPS LAND TITLE SURVEY

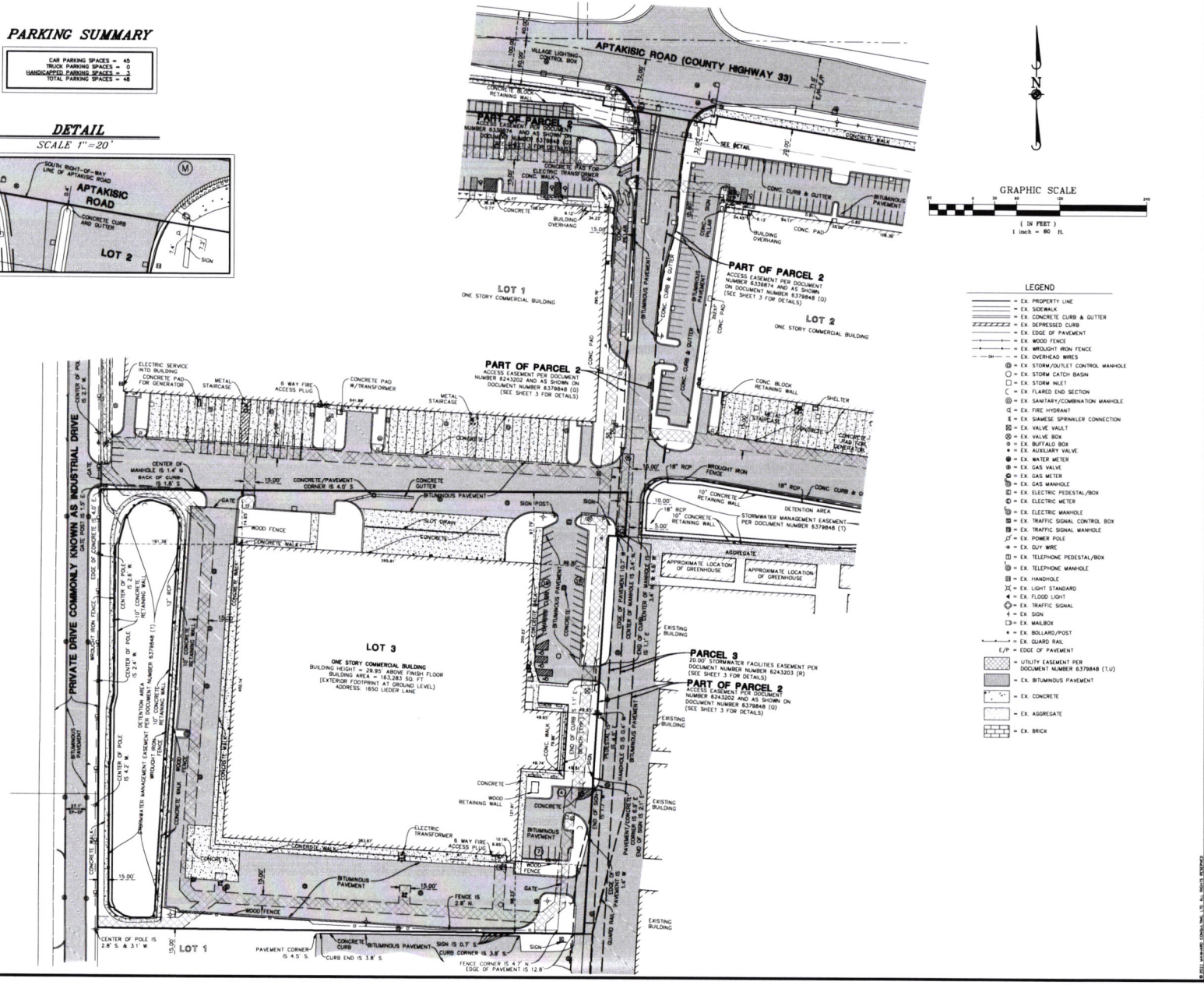
PARKING SUMMARY

CAR PARKING SPACES =	45
TRUCK PARKING SPACES =	0
HANDICAPPED PARKING SPACES =	3
TOTAL PARKING SPACES =	48

DETAIL

SCALE 1"=20'





LEGEND

- = EX. PROPERTY LINE
- = EX. SIDEWALK
- = EX. CONCRETE CURB & GUTTER
- = EX. DEPRESSED CURB
- = EX. EDGE OF PAVEMENT
- = EX. WOOD FENCE
- = EX. WROUGHT IRON FENCE
- = EX. OVERHEAD WIRES
- = EX. STORM/OUTLET CONTROL MANHOLE
- = EX. STORM CATCH BASIN
- = EX. STORM INLET
- = EX. FLARED END SECTION
- = EX. SANITARY/COMBINATION MANHOLE
- = EX. FIRE HYDRANT
- = EX. SIAMESE SPRINKLER CONNECTION
- = EX. VALVE VAULT
- = EX. VALVE BOX
- = EX. BUFFALO BOX
- = EX. AUXILIARY VALVE
- = EX. WATER METER
- = EX. GAS VALVE
- = EX. GAS METER
- = EX. GAS MANHOLE
- = EX. ELECTRIC PEDESTAL/BOX
- = EX. ELECTRIC METER
- = EX. ELECTRIC MANHOLE
- = EX. TRAFFIC SIGNAL CONTROL BOX
- = EX. TRAFFIC SIGNAL MANHOLE
- = EX. POWER POLE
- = EX. GUY WIRE
- = EX. TELEPHONE PEDESTAL/BOX
- = EX. TELEPHONE MANHOLE
- = EX. HANDHOLE
- = EX. LIGHT STANDARD
- = EX. FLOOD LIGHT
- = EX. TRAFFIC SIGNAL
- = EX. SIGN
- = EX. MAILBOX
- = EX. BOLLARD/POST
- = EX. GUARD RAIL
- E/P = EDGE OF PAVEMENT
- = UTILITY EASEMENT PER DOCUMENT NUMBER 6379848 (T,U)
- = EX. BITUMINOUS PAVEMENT
- = EX. CONCRETE
- = EX. AGGREGATE
- = EX. BRICK

Manhard CONSULTING LTD

Civil Engineers • Surveyors • Water Resource Engineers • Water & Wastewater Engineers
Construction Managers • Environmental Scientists • Landscape Architects • Planners

LOT 3 IN APTAKISIC CREEK CORPORATE PARK SUBDIVISION

BUFFALO GROVE, ILLINOIS

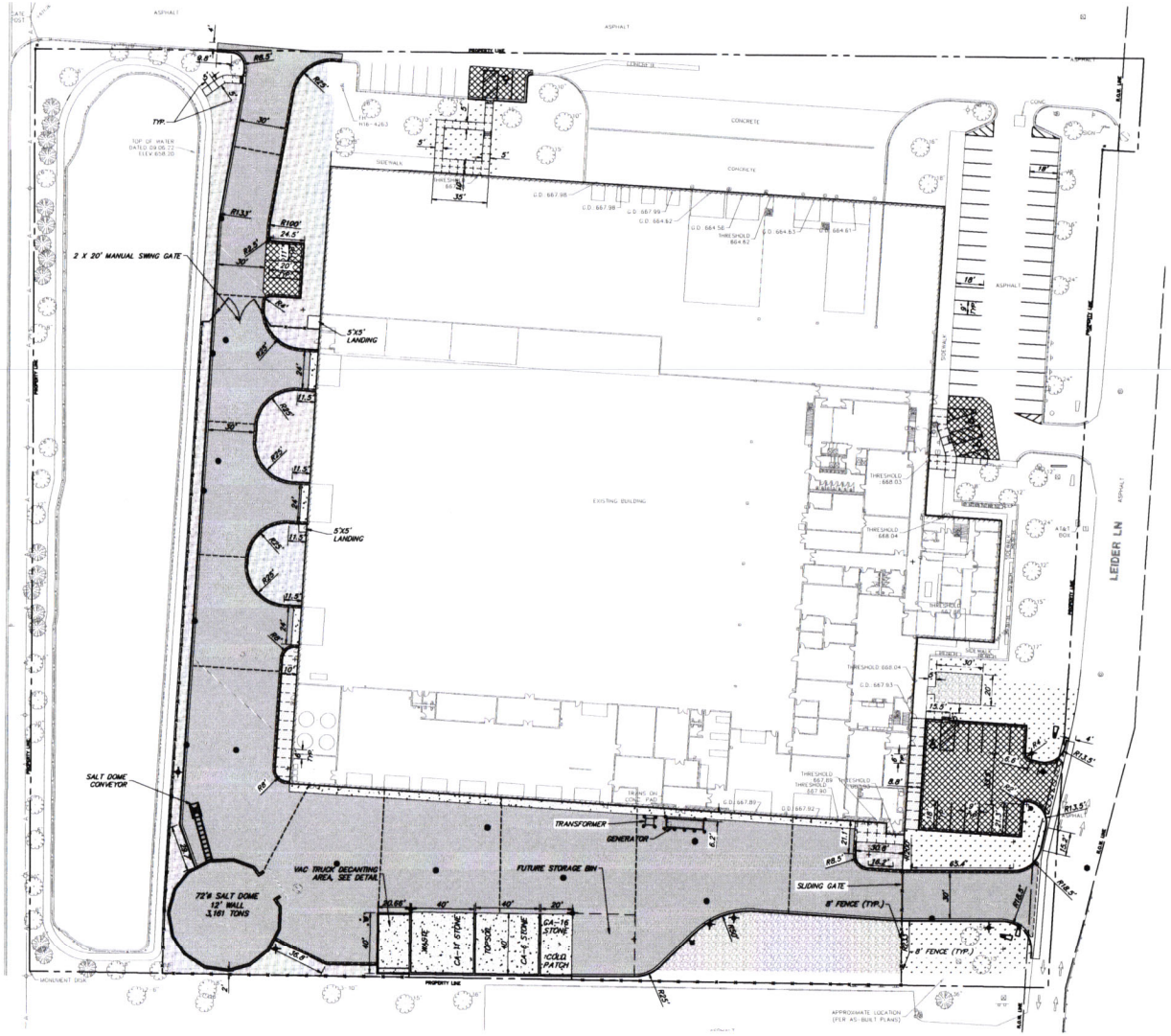
ALTA/NSPS LAND TITLE SURVEY

PROJ. MGR. ERV
PROJ. ASSOC. AAS
DRAWN BY AAS
DATE 03/15/22
SCALE 1"=60'

SHEET 5 OF 5

PDBBG

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning



PARKING TABLE	
STANDARD	65
HANDICAP	4
TOTAL	69

PROPOSED LEGEND

- HEAVY DUTY HMA PAVEMENT (2" SURFACE, 4" BINDER, 10" STONE)
- HMA PAVEMENT (1.5" SURFACE, 2.5" BINDER, 10" STONE)
- PCC PAVEMENT (8" PCC, 6" STONE)
- PCC SIDEWALK (5" PCC, 5" STONE)
- LANDSCAPING GRAVEL
- NATIVE PLANTINGS
- SOD RESTORATION
- DETECTABLE WARNINGS
- B6.12 CURB & GUTTER (REGULAR)
- B6.12 CURB & GUTTER (DEPRESSED)
- B6.12 CURB & GUTTER (REVERSE PITCH)
- BARRIER CURB
- BARRIER CURB (DEPRESSED)
- FENCE
- RETAINING WALL

N

GRAPHIC SCALE

30 0 15 30

(IN FEET)
1 inch = 30 ft.

GEOMETRIC AND PAVING PLAN

1. All pavement dimensions are to edge of pavement, unless otherwise noted. E=edge of pavement, B=back of curb, F=face of curb. Radii dimensions are to back of curb.
2. Install all curb and sidewalk as shown. Note some curbs require reverse pitch gutter. Dowel new sidewalk and curb to existing and proposed curbs per general notes. When constructing a carriage walk, the proposed sidewalk contraction and expansion joints shall align with existing curb joints.
3. Provide 1.90% cross slope and 4.5% maximum longitudinal slope on all sidewalks and pedestrian path ways unless otherwise indicated. Illinois accessibility code requires a maximum constructed cross slope of 2.00% and longitudinal slope of 5.00%.
4. Install bituminous pavement as shown. Refer to detail sheet for specific pavement sections and general note sheet for construction, testing and compaction requirements.
5. Install PCC pavement as shown. Refer to detail sheet for specific pavement section and general notes for construction, testing and compaction requirements.
6. All parking lot stall markings shall be 4" Yellow paint and all other parking lot pavement markings shall be paint, color as noted, in accordance with Section 780 of the IDOT Standard Specifications. (Two single applications, 16 mils each required). Site pavement marking shall be coordinated with Site engineer. Contractor shall notify site engineer 48 hrs prior to installing pavement marking.
7. For handicapped stall markings, refer to Handicapped Parking Stall and Sign Dimensioning Detail.
8. Install new signs and handicapped parking signs using 2" galvanized square tube post and telescoping post sleeve per IDOT standard.
9. Install retaining wall as shown. Refer to detail sheet for material and design requirements.
10. Contractor shall install temporary erosion control seed and blanket as necessary to meet soil erosion and sediment control requirements. Refer to notes and details throughout the plan set for specific material requirements.
11. For final restoration, the contractor shall be responsible for restoring all disturbed turf areas and proposed turf areas as follows:
    a. Refer to Landscape plans for plant and tree material and installation requirements.
    b. Refer to Landscape plans for topsoil, seed and sod material and restoration requirements.
    c. Prior to placement of topsoil restoration area subgrade material shall be rototilled and re-compacted to a maximum of 80% standard proctor to a depth of 6".
    d. Spread a minimum of 6" of existing site salvaged screened topsoil or new pulverized topsoil on all disturbed areas. Compact to 80% standard proctor.
    e. Topsoil must be free of litter, brush, rocks and earth clods of greater than 1 inch in any dimension. Contain between 1%-10% organic matter, 12%-50% clay, and less than 55% sand content. pH shall be between 6.0 and 8.0.
    f. Seed restoration areas as follows:
    - IDOT Class 1 seed. (Lawn mixture)
    - IDOT Class 4 seed. (Native Grass)
    - Fertilizer shall be applied following IDOT requirements.
    - Erosion control blanket shall be North American Green S75 or approved equal installed following manufacturer guidelines.
    g. Sod restoration areas as follows:
    - Sod shall be 24" wide x 54" long or 2.5' by 30' long thick cut (1-1/2) of well rooted growth material.
    - Seed mixture shall closely match IDOT Class 1.
    - Sod shall be rolled after installation.
    h. Contractor shall be responsible for watering the restored area per IDOT specifications for a duration of 30 days prior to the Owner's final review and acceptance. If restoration not shown a 'catch' or uniform stand, the contractor shall repeat reseeding or resodding until a uniform stand is achieved.
13. Once restoration has been completed, the contractor shall remove erosion control devices. Silt fence trenches shall be backfilled and restored in kind. Storm structures shall be cleaned of debris.

SUPPLEMENTAL CONDITIONS AND GEOMETRIC NOTES

14. Install parking lot and concrete pavement as shown. Where normal duty pavement replacement is indicated, the existing stone base shall be regraded to meet the 4" asphalt depth and recompacted and proof rolled prior to repaving.
15. All 8" PCC pavement and B6.12 curb and gutter contraction joints shall be sawcut a minimum of 2" deep within 12 hours of pour.
16. Hot mix Asphalt (HMA) paving – After passing proof roll, the contractor shall string line the parking lot. Any areas that do not meet minimum pavement cross slope (1.0%) will be corrected, re-compacted and re-proof rolled.
17. Upon rough grading of subgrade, furnish and place 12" of topsoil from site topsoil. Topsoil shall be rototilled after placement to a 10" depth prior to final grading and compaction to 80% standard density. Seed shall be IDOT Class 1 spread at a rate of 400 lb per acre. Fertilizer shall be a 1:1:1 ratio of nitrogen, phosphorus and potassium nutrients. The mixture shall be spread at a rate of 270 lb per acre. Upon placement of seed and fertilizer all areas shall be covered with IDOT mulch method 3A.
18. Note a temporary water irrigation system shall be installed to water this area for a minimum of 60 days following IDOT guidelines. Note this will be watered during the summer. Establishment of vegetation is required within 45 days of initial seeding.

GHA GEWALT HAMILTON ASSOCIATES, INC.
625 Forest Edge Drive ■ Vernon Hills, IL 60061
TEL 847.478.9700 ■ FAX 847.478.9701

COPYRIGHT NOTICE
This drawing is the property of Gewalt Hamilton Assoc., Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from Gewalt Hamilton Associates, Inc.

GEOMETRIC PLAN

BUFFALO GROVE - PUBLIC WORKS FACILITY IMPROVEMENTS
1650 LIEDER LANE
BUFFALO GROVE, ILLINOIS 60089

NO.	BY	DATE	REVISION	NO.	BY	DATE	REVISION

FILE: 5921.001-PR.dwg
DRAWN BY: TLM DATE: 1/24/23
CHECKED BY: BJW DATE: 1/24/23
GHA PROJECT # 5921.010
SCALE: 1" = 30'
SHEET NUMBER 3 OF X SHEETS

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning

UTILITY PLAN NOTES

1. The contractor shall verify the exact location and elevation of existing utilities prior to initiating work. Any discrepancies found between the information noted on the plans and actual field conditions, or any conflicts with proposed improvements shall be reported to the engineer immediately. The contractor shall not proceed any further until given written clarification on how to proceed.
2. Install storm sewer as shown. Refer to Storm Sewer requirement table on General Notes Sheet for pipe material, joint, frame and grate, stone bedding and testing requirements.
3. Install sanitary sewer as shown. Refer to Sanitary Sewer requirement table on General Notes Sheet for pipe material, joint, frame and grate, stone bedding and testing requirements.
4. Install watermain as shown. Refer to Water Main requirement table on General Notes Sheet for pipe material, joint, frame and grate, valves, fire hydrant, stone bedding and testing requirements.
5. Contractor shall provide the following as-constructed documents at the conclusion of the project:
   a. Water Main
      - As-constructed location of all bends, tees, valves, copper unions, etc. (measured dimension from two fixed above grade objects are required for buried objects)
      - Rim and top of pipe elevations for all structures
      - Provide all testing documentations.
   b. Sanitary Sewer
      - As-constructed locations of structures, service connections, cleanouts.
      - Rim and invert elevations.
      - Color video with transcript required for new sewer lines installed.
   c. Storm Sewer
      - As-constructed locations of structures, service connections, cleanouts.
      - Rim and invert elevations.
      - Color video with transcript required for new sewer lines installed.

SUPPLEMENTAL CONDITIONS AND UTILITY NOTES

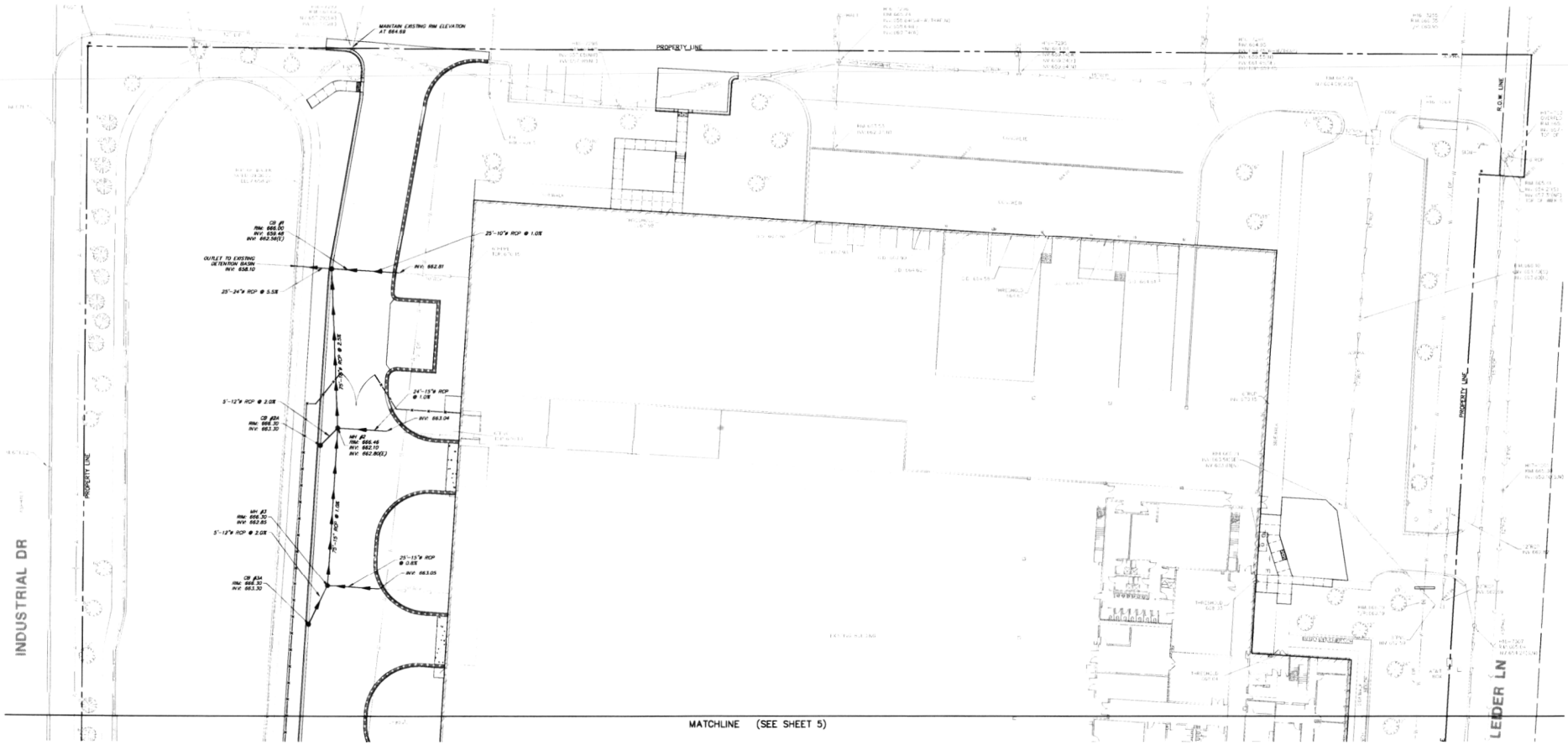
6. Refer to MEP and Architectural plans for electric and gas requirements and final routing.
7. The Contractor shall include all associated costs with the removal, transport, disposal, testing and certification of "Uncontaminated Soil" as defined under 415 ILCS 5/3.160 including any fees, taxes, or surcharges charged by or through the operator(s) of Clean Construction or Demolition Debris Fill Operations or Uncontaminated Soil Fill Operations for the acceptance of Uncontaminated Soil.
8. All existing structures as noted shall have the bottom of the structure and sumps vacuum cleaned.
9. All connections to the combined sewer must be watertight in conformance with ASTM C-923.
10. All connections to existing structures shall be machined cored holes.
11. The existing sewer on the property must be cleaned and televised before and after construction in the presence of a DWM inspector. A copy of the video on a CD shall be submitted to the DWM.
12. Contractor shall ensure positive drainage to all inlets and catchbasins. Areas of surface ponding shall be corrected by the contractor at no additional expense to the Owner.
13. Drainage, sewer and valve vault rims shall be flush with adjacent finished grades. All rim elevation of structures shall be adjusted to finished grade of roadways, island, curblines, etc. If a conflict exists, notify engineer prior to final adjustment of structure elevation.
14. Existing storm structures to remain within the redevelopment area have been noted with 'Adjust Rim' or Adjust MH'. 'Adjust Rim' requires removal of frame, additional or removal of concrete rings and reinstallation of frame. 'Adjust MH' requires removal of frame, flattop or cone, and first barrel section, installation of new shorter barrel section and reinstallation of flattop or cone and frame.
15. Install site lighting per electrical plans. Refer to electrical plans for light fixture, post, make and model and foundation details. Also refer to electrical plans for final wire routing connections and requirements.
16. Install power feed conduits as shown. Refer to electrical plans for conduit and manhole details and building termination connections.

UTILITY PLAN LEGEND

EXISTING	PROPOSED	
		EXISTING STORM SEWER
		EXISTING SANITARY SEWER
		EXISTING WATERMAIN
		PROPOSED STORM SEWER
		PROPOSED SANITARY SEWER
		PROPOSED WATERMAIN
		STORM MANHOLE
		STORM CATCHBASIN
		STORM INLET
		FLARED END SECTION
		SANITARY MANHOLE
		VALVE VAULT
		VALVE BOX
		FIRE HYDRANT
		BUFFALO BOX
		STREET LIGHT
		POWER POLE
		SIGN

N

GRAPHIC SCALE
20 0 10 20
(IN FEET)
1 inch = 20 ft.



GHA GEWALT HAMILTON ASSOCIATES, INC.
625 Forest Edge Drive ▪ Vernon Hills, IL 60061
TEL 847.478.9700 ▪ FAX 847.478.9701

COPYRIGHT NOTICE
This drawing is the property of Gewalt Hamilton Assoc. Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from Gewalt Hamilton Associates, Inc.

UTILITY PLAN

BUFFALO GROVE - PUBLIC WORKS FACILITY IMPROVEMENTS
1650 LIEDER LANE
BUFFALO GROVE, ILLINOIS 60089

NO.	BY	DATE	REVISION

NO.	BY	DATE	REVISION

FILE: 5921.001-PR.dwg
DRAWN BY: TLM DATE: 1/24/23
GHA PROJECT # 5921.010
CHECKED BY: BJW DATE: 1/24/23
SCALE: 1" = 20'
SHEET NUMBER 4 OF X SHEETS

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning

UTILITY PLAN LEGEND

- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATERMAIN
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED WATERMAIN

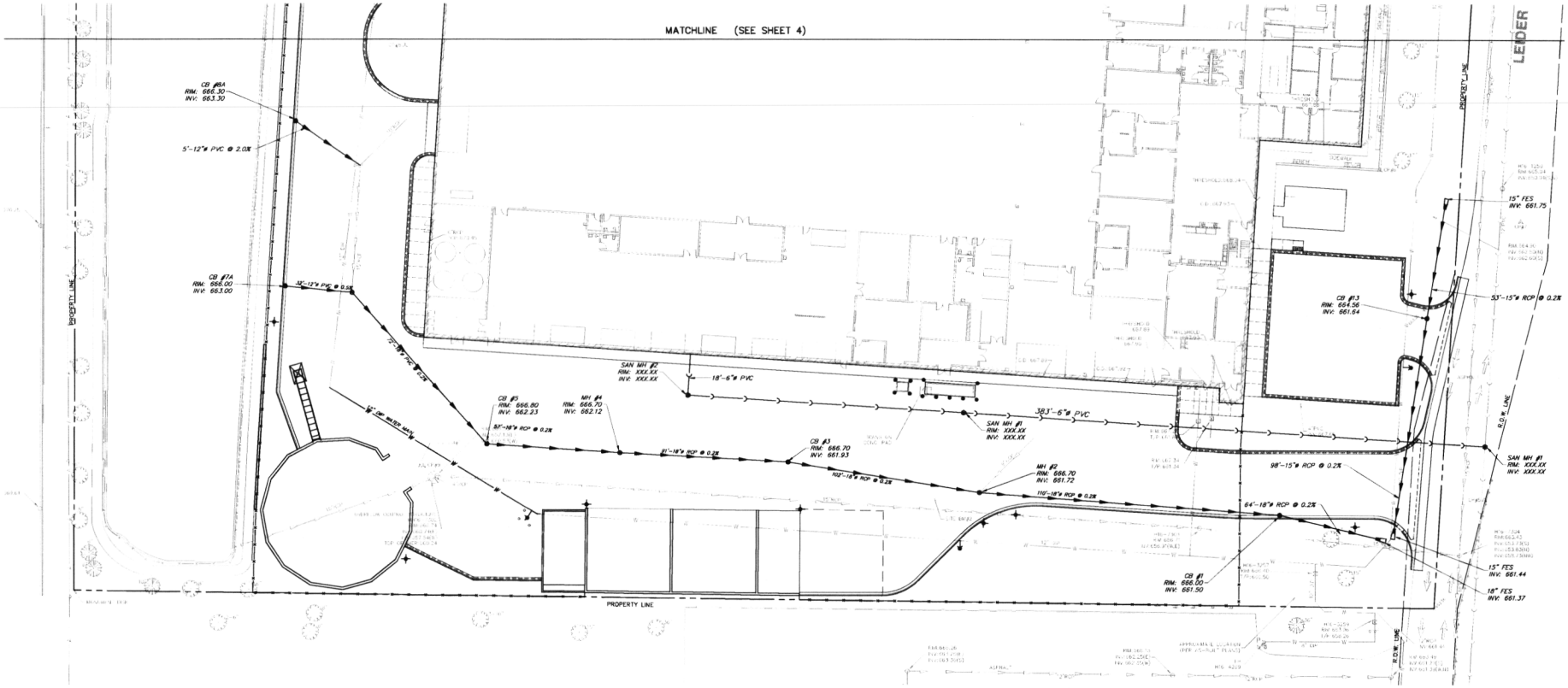
EXISTING	PROPOSED	
		STORM MANHOLE
		STORM CATCHBASIN
		STORM INLET
		FLARED END SECTION
		SANITARY MANHOLE
		VALVE VAULT
		VALVE BOX
		FIRE HYDRANT
		BUFFALO BOX
		STREET LIGHT
		POWER POLE
		SIGN

N

GRAPHIC SCALE

20 0 10 20

(IN FEET)
1 inch = 20 ft.



GHA GEWALT HAMILTON ASSOCIATES, INC.
625 Forest Edge Drive ▪ Vernon Hills, IL 60061
TEL 847.478.9700 ▪ FAX 847.478.9701

COPYRIGHT NOTICE
This drawing is the property of Gewalt Hamilton Assoc., Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from Gewalt Hamilton Associates, Inc.

UTILITY PLAN

BUFFALO GROVE - PUBLIC WORKS FACILITY IMPROVEMENTS
1650 LIEDER LANE
BUFFALO GROVE, ILLINOIS 60089

NO.	BY	DATE	REVISION

NO.	BY	DATE	REVISION

FILE: 5921.001-PR.dwg
DRAWN BY: TLW DATE: 1/24/23
GHA PROJECT # 5921.010
CHECKED BY: SJW DATE: 1/24/23
SCALE: 1" = 20'

SHEET NUMBER 5 OF X SHEETS

GRADING PLAN NOTES

1. Prior to starting any construction, provide soil erosion and sediment control devices as shown on the plans and as required per IEPA NPDES guidelines. Refer to notes and details throughout the entire plan set.
2. Prior to starting any excavation work, provide tree protection, preservation and root pruning as shown on the plans and notes throughout the entire plan set.
3. Contractor shall refer to subsurface soil exploration report.
4. Refer to General Notes for grading, compaction and proof roll requirements.
5. Handicap accessible parking spaces shall be constructed between 1.0% and 1.90% maximum slopes in any one direction. Illinois accessibility code permits a maximum constructed slope of 2.00%.
6. Crushed concrete meeting IDOT certifications for the design plan gradations for non-porous pavement and sidewalk stone base, structural fill, and trench backfill will be permitted.
7. Crushed concrete may not be used for underdrain trench or porous fill conditions.
8. The contractor shall import or export soil as necessary to construct the site to specified plan grades. Such work is considered incidental to the contract and no additional compensation shall be allowed for such work. Minor adjustments to grades can be accommodated with Project Engineer approval.
9. The Contractor shall include all associated costs with the removal, transport, disposal, testing and certification of "Uncontaminated Soil" as defined under 415 ILCS 5/3.160 including any fees, taxes, or surcharges charged by or through the operator(s) of Clean Construction or Demolition Debris Fill Operations or Uncontaminated Soil Fill Operations for the acceptance of Uncontaminated Soil.
10. All structures shall be adjusted to meet finished turf and pavement grades.
11. Refer to soil erosion and sediment control notes and details for seed and blanket requirements for temporary stabilization.
12. Refer to geometric plan or landscape plan for final restoration requirements.
13. Contractor shall provide the following as-constructed documents at the conclusion of the project:
    a. Lawn or open space areas
       - Spot elevations at a maximum 50 foot grid.
       - Spot elevation top and bottom of berms or swales
       - Spot elevations and ridge / high and low points.
    b. Parking lot and hard surfaces
       - Top of curb and flowline elevations at similar locations to proposed grading.
       - Spot elevations at summit / high and low points.
    c. ADA parking stalls, sidewalk ramps, and ADA Routes
       - Provide 6 spot elevations within the parking stall 3 along the front and rear of the stall at 8 foot spacing along the stall pavement markings.
       - Provide 4 spot grades per square at landings and any tampers or ramps.
       - Provide spot elevations along route at maximum 10 foot spacing on both sides of the path to confirm cross and longitudinal slopes requirements have been met.
    d. Buildings
       - Top of foundation elevations.
       - Finished floor elevations at doorways.

SUPPLEMENTAL CONDITIONS AND GRADING NOTES

14. Provide makeup CA-6 stone, fine grading and recompaction of existing stone base. Compact existing base to 95% modified proctor density (ASTM D-1557). Prior to approval of the stone base, all pavement areas will be proof rolled. Any areas found to deflect shall be scarified and recompacted as directed by the engineer, until this standard is achieved.
15. Refer to SWPPP Plan for sequence of construction. Note mass grading work zone areas shall be minimized to prevent erosion. Once a work zone has been rough graded, stabilize area with mulch and proceed to next work area until site is completed.
16. Contractor shall ensure positive drainage to all inlets and catchbasins. Areas of surface ponding shall be corrected by the contractor at no additional expense to the Owner.
17. All lawn areas disturbed as a result of construction shall be restored to preconstruction lawn condition following restoration requirements.

N

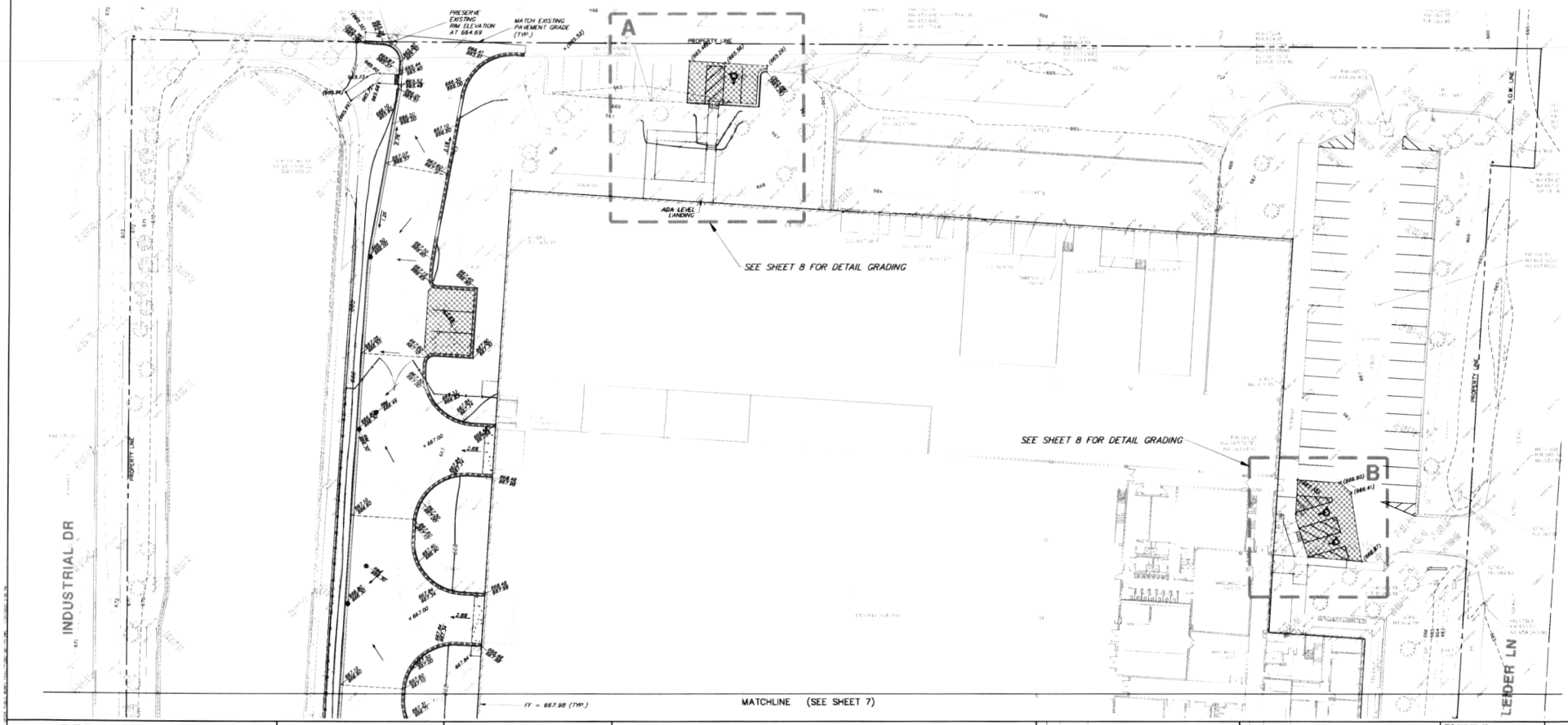
GRAPHIC SCALE

20 0 10 20

(IN FEET)
1 inch = 20 ft.

GRADING LEGEND

- TOP OF CURB / FLOW LINE
- PROPOSED SPOT ELEVATIN
- CONTOUR
- ADJ STRUCTURE ADJUSTMENT
- SUMMIT SUMMITS
- SLOPES
- SWALES
- ADA ACCESSIBLE PATH



GHA GEWALT HAMILTON ASSOCIATES, INC.
625 Forest Edge Drive ▪ Vernon Hills, IL 60061
Tel. 847 478 9700 ▪ Fax 847 478 9701

COPYRIGHT NOTICE
This drawing is the property of Gewalt Hamilton Assoc. Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from Gewalt Hamilton Associates, Inc.

GRADING PLAN

BUFFALO GROVE - PUBLIC WORKS FACILITY IMPROVEMENTS
1650 LIEDER LANE
BUFFALO GROVE, ILLINOIS 60089

NO.	BY	DATE	REVISION	NO.	BY	DATE	REVISION

FILE: 5921.001-PR.dwg
DRAWN BY: TLM DATE: 1/24/23
CHECKED BY: BJW DATE: 1/24/23
GHA PROJECT # 5921.010
SCALE 1" = 20'
SHEET NUMBER 6 OF X SHE

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning

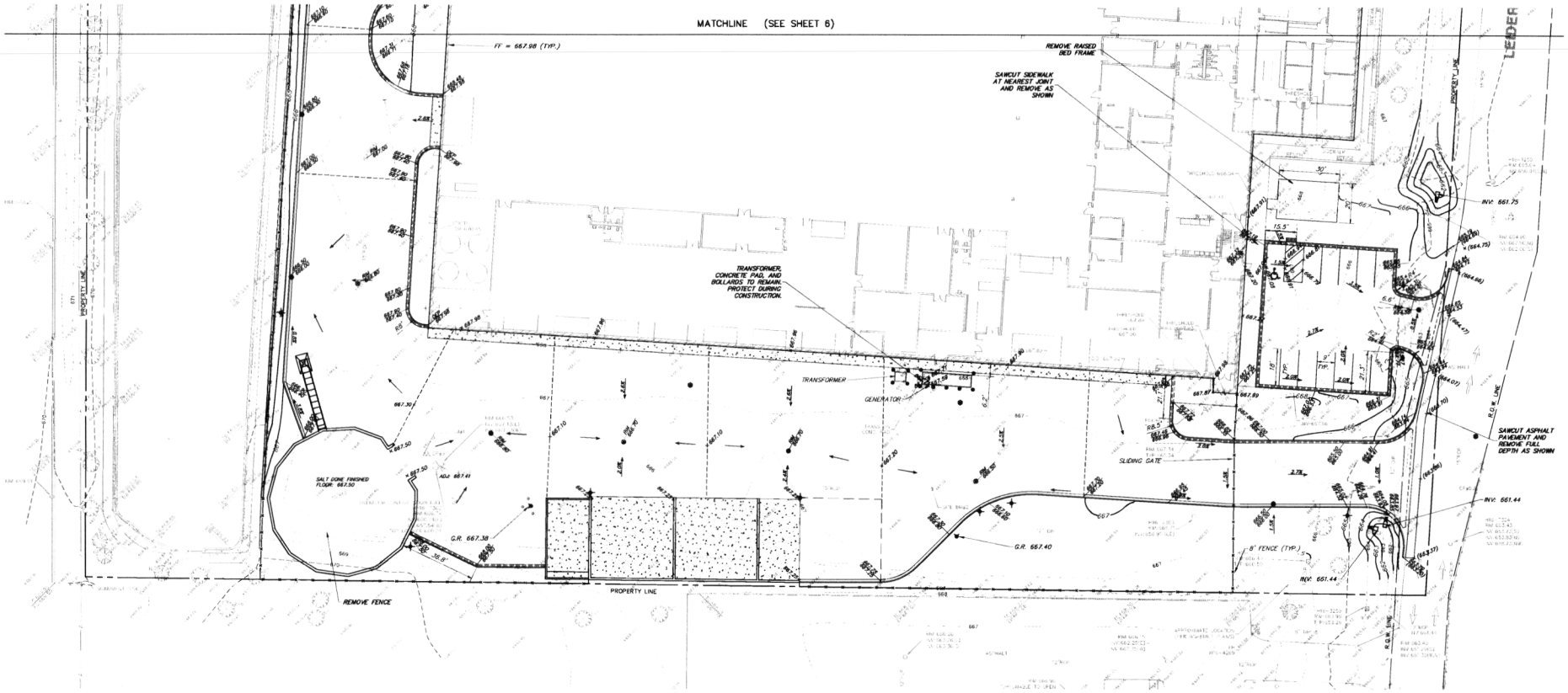
Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning

GRADING LEGEND

- TOP OF CURB / FLOW LINE
- PROPOSED SPOT ELEVATION
- CONTOUR
- STRUCTURE ADJUSTMENT
- SUMMITS
- SLOPES
- SWALES

N

GRAPHIC SCALE
20 0 10 20
(IN FEET)
1 inch = 20 ft.



GEWALT HAMILTON ASSOCIATES, INC.
625 Forest Edge Drive ▪ Vernon Hills, IL 60061
TEL 847.478.9700 ▪ FAX 847.478.9701

COPYRIGHT NOTICE
This drawing is the property of Gewalt Hamilton Assoc., Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from Gewalt Hamilton Associates, Inc.

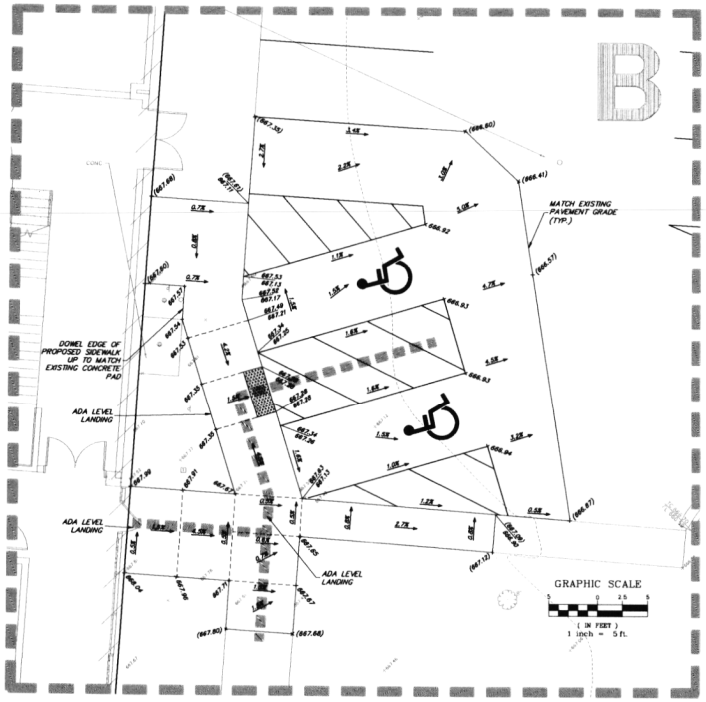
GRADING PLAN

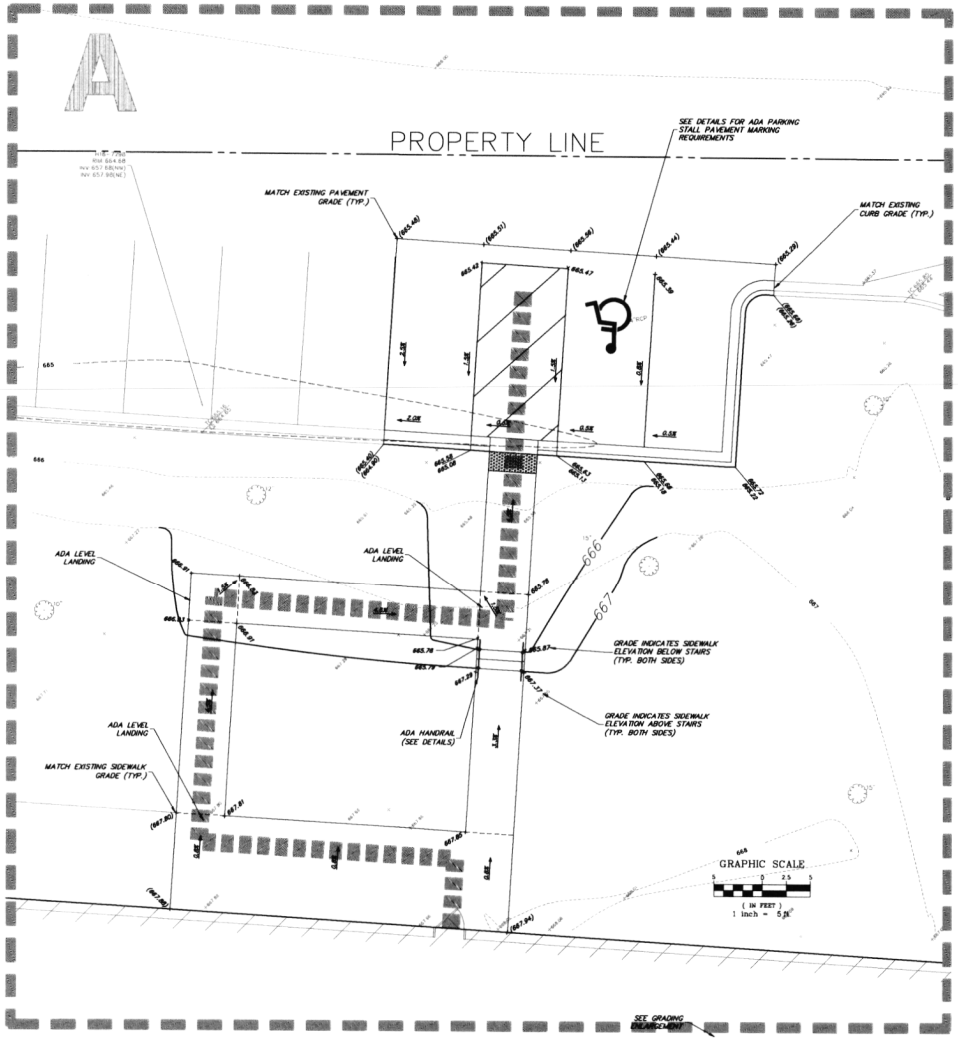
BUFFALO GROVE - PUBLIC WORKS FACILITY IMPROVEMENTS
1850 LIEDER LANE
BUFFALO GROVE, ILLINOIS 60089

NO.	BY	DATE	REVISION	NO.	BY	DATE	REVISION

FILE: 5921.001-PR.dwg
DRAWN BY: TLM DATE: 1/24/23
GHA PROJECT #: 5921.010
CHECKED BY: SJW DATE: 1/24/23
SCALE: 1" = 20'

SHEET NUMBER 7 OF X SHEETS





N

GRADING LEGEND

- TOP OF CURB / FLOW LINE
- PROPOSED SPOT ELEVATI
- CONTOUR
- STRUCTURE ADJUSTMENT
- SUMMITS
- SLOPES
- SWALES
- ADA ACCESSIBLE PATH

GEWALT HAMILTON ASSOCIATES, INC.
625 Forest Edge Drive ■ Vernon Hills, IL 60061
TEL 847.478.9700 ■ FAX 847.478.9701

COPYRIGHT NOTICE
This drawing is the property of Gewalt Hamilton Assoc., Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from Gewalt Hamilton Associates, Inc.

GRADING PLAN - CLOSEUPS

BUFFALO GROVE - PUBLIC WORKS FACILITY IMPROVEMENTS
1650 LIEDER LANE
BUFFALO GROVE, ILLINOIS 60089

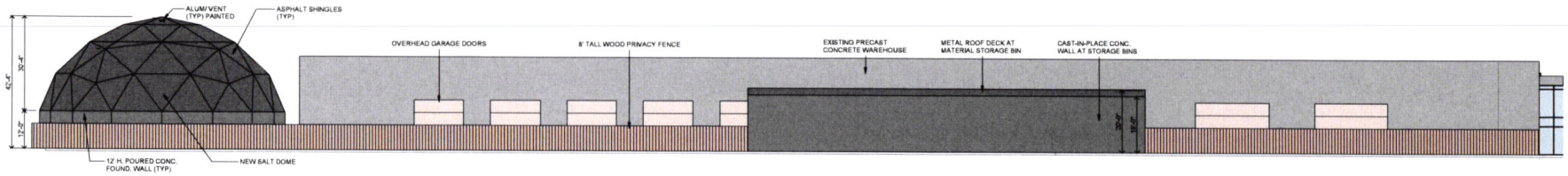
NO.	BY	DATE	REVISION	NO.	BY	DATE	REVISION

FILE: 5921.001-PR.dwg
DRAWN BY: TLM DATE 1/24/23
CHECKED BY: BJW DATE 1/24/23
GHA PROJECT # 5921.010
SCALE 1" = 20'
SHEET NUMBER 8 OF X SHEETS

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning

Village of Buffalo Grove

New Public Works Facility
January, 2023

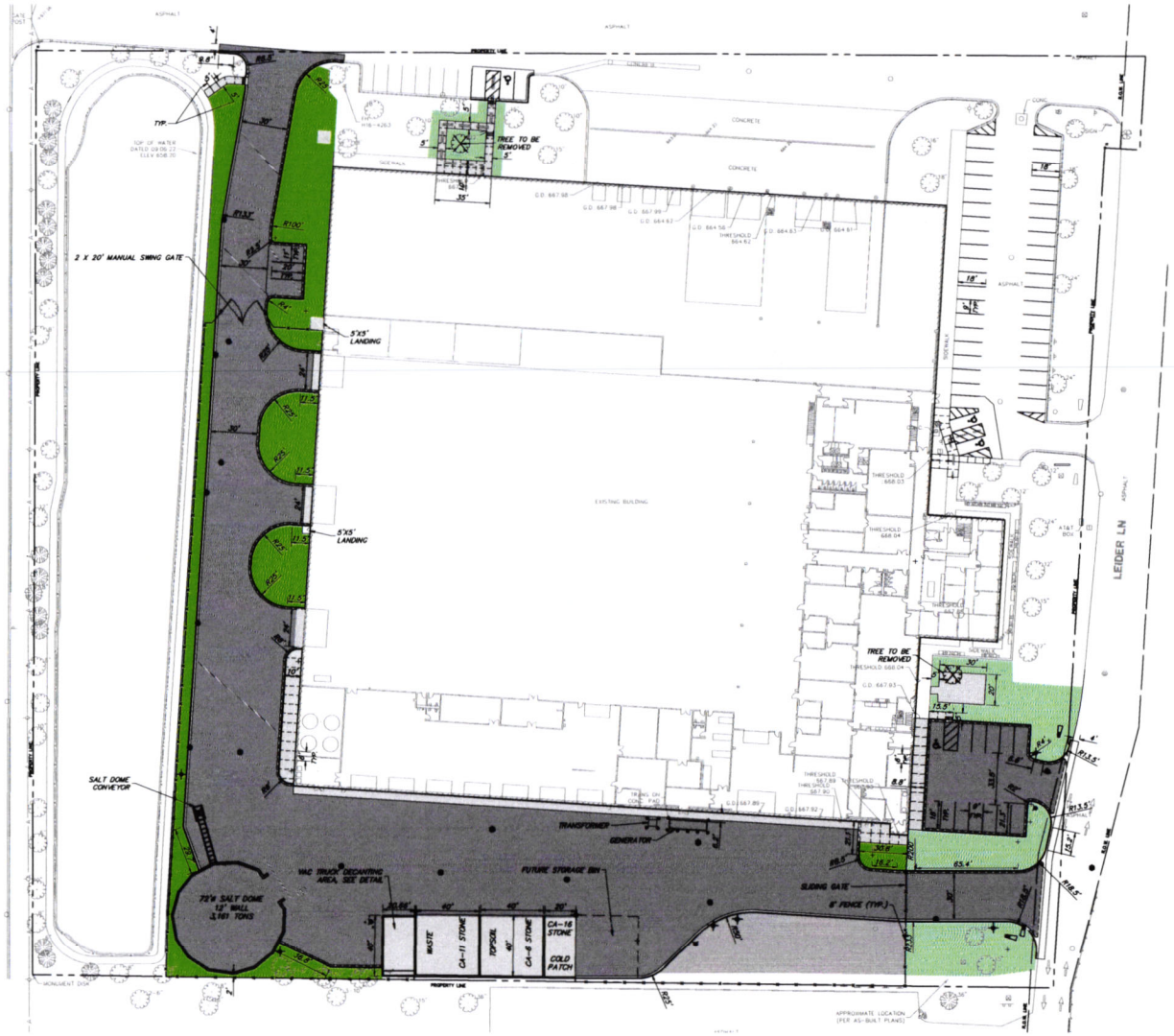


B1 **PROPOSED SOUTH ELEVATION**
1/16" = 1'-0"
0 12' 24'

Unnamed

Comm No: 223079

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning



N

GRAPHIC SCALE

30 0 15 30

(IN FEET)
1 inch = 30 ft.

PROPOSED LEGEND

- NATIVE PLANTINGS
- LAWN GRASS MIXTURE
- CONCRETE PAVEMENT
- GRAVEL
- ASPHALT PAVEMENT

GEOMETRIC AND PAVING PLAN

1. All pavement dimensions are to edge of pavement, unless otherwise noted. E=edge of pavement, B=back of curb, F=face of curb. Radii dimensions are to back of curb.
2. Install all curb and sidewalk as shown. Note some curbs require reverse pitch gutter. Dowel new sidewalk and curb to existing and proposed curbs per general notes. When constructing a carriage walk, the proposed sidewalk contraction and expansion joints shall align with existing curb joints.
3. Provide 1.90% cross slope and 4.5% maximum longitudinal slope on all sidewalks and pedestrian path ways unless otherwise indicated. Illinois accessibility code requires a maximum constructed cross slope of 2.00% and longitudinal slope of 5.00%.
4. Install bituminous pavement as shown. Refer to detail sheet for specific pavement sections and general note sheet for construction, testing and compaction requirements.
5. Install PCC pavement as shown. Refer to detail sheet for specific pavement section and general notes for construction, testing and compaction requirements.
6. All parking lot stall markings shall be 4" Yellow paint and all other parking lot pavement markings shall be paint, color as noted, in accordance with Section 780 of the IDOT Standard Specifications. (Two single applications, 16 mils each required). Site pavement marking shall be coordinated with Site engineer. Contractor shall notify site engineer 48 hrs prior to installing pavement marking.
7. For handicapped stall markings, refer to Handicapped Parking Stall and Sign Dimensioning Detail.
8. Install new signs and handicapped parking signs using 2" galvanized square tube post and telescoping post sleeve per IDOT standard.
9. Install retaining wall as shown. Refer to detail sheet for material and design requirements.
10. Contractor shall install temporary erosion control seed and blanket as necessary to meet soil erosion and sediment control requirements. Refer to notes and details throughout the plan set for specific material requirements.
11. For final restoration, the contractor shall be responsible for restoring all disturbed turf areas and proposed turf areas as follows:
    a. Refer to Landscape plans for plant and tree material and installation requirements.
    b. Refer to Landscape plans for topsoil, seed and sod material and restoration requirements.
    c. Prior to placement of topsoil restoration area subgrade material shall be rototilled and re-compacted to a maximum of 80% standard proctor to a depth of 6".
    d. Spread a minimum of 6" of existing site salvaged screened topsoil or new pulverized topsoil on all disturbed areas. Compact to 80% standard proctor.
    e. Topsoil must be free of litter, brush, rocks and earth clods of greater than 1 inch in any dimension. Contain between 1%-10% organic matter, 12%-50% clay, and less than 55% sand content. pH shall be between 6.0 and 8.0.
    f. Seed restoration areas as follows:
       - IDOT Class 1 seed. (Lawn mixture)
       - IDOT Class 4 seed. (Native Grass)
       - Fertilizer shall be applied following IDOT requirements.
       - Erosion control blanket shall be North American Green S75 or approved equal installed following manufacturer guidelines.
    g. Sod restoration areas as follows:
       - Sod shall be 24" wide x 54" long or 2.5' by 30' long thick cut (1-1/2") of well rooted growth material.
       - Seed mixture shall closely match IDOT Class 1.
       - Sod shall be rolled after installation.
    h. Contractor shall be responsible for watering the restored area per IDOT specifications for a duration of 30 days prior to the Owner's final review and acceptance. If restoration has not shown a "patch" or uniform stand, the contractor shall repeat reseeding or resodding until a uniform stand is achieved.
13. Once restoration has been completed, the contractor shall remove erosion control devices. Silt fence trenches shall be backfilled and restored in kind. Storm structures shall be cleaned of debris.

SUPPLEMENTAL CONDITIONS AND GEOMETRIC NOTES

14. Install parking lot and concrete pavement as shown. Where normal duty pavement replacement is indicated, the existing stone base shall be regraded to meet the 4" asphalt depth and recompacted and proof rolled prior to repaving.
15. All 8" PCC pavement and B6.12 curb and gutter contraction joints shall be sawcut a minimum of 2" deep within 12 hours of pour.
16. Hot mix Asphalt (HMA) paving – After passing proof roll, the contractor shall string line the parking lot. Any areas that do not meet minimum pavement cross slope (1.0%) will be corrected, re-compacted and re-proof rolled.
17. Upon rough grading of subgrade, furnish and place 12" of topsoil from site topsoil. Topsoil shall be rototilled after placement to a 10" depth prior to final grading and compaction to 80% standard density. Seed shall be IDOT Class 1 spread at a rate of 400 lb per acre. Fertilizer shall be a 1:1:1 ratio of nitrogen, phosphorus and potassium nutrients. The mixture shall be spread at a rate of 270 lb per acre. Upon placement of seed and fertilizer all areas shall be covered with IDOT mulch method 3A.
18. Note a temporary water irrigation system shall be installed to water this area for a minimum of 60 days following IDOT guidelines. Note this will be watered during the summer. Establishment of vegetation is required within 45 days of initial seeding.

GHA GEWALT HAMILTON ASSOCIATES, INC.
625 Forest Edge Drive • Vernon Hills, IL 60061
TEL 847.478.9700 • FAX 847.478.9701

COPYRIGHT NOTICE
This drawing is the property of Gewalt Hamilton Assoc., Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from Gewalt Hamilton Associates, Inc.

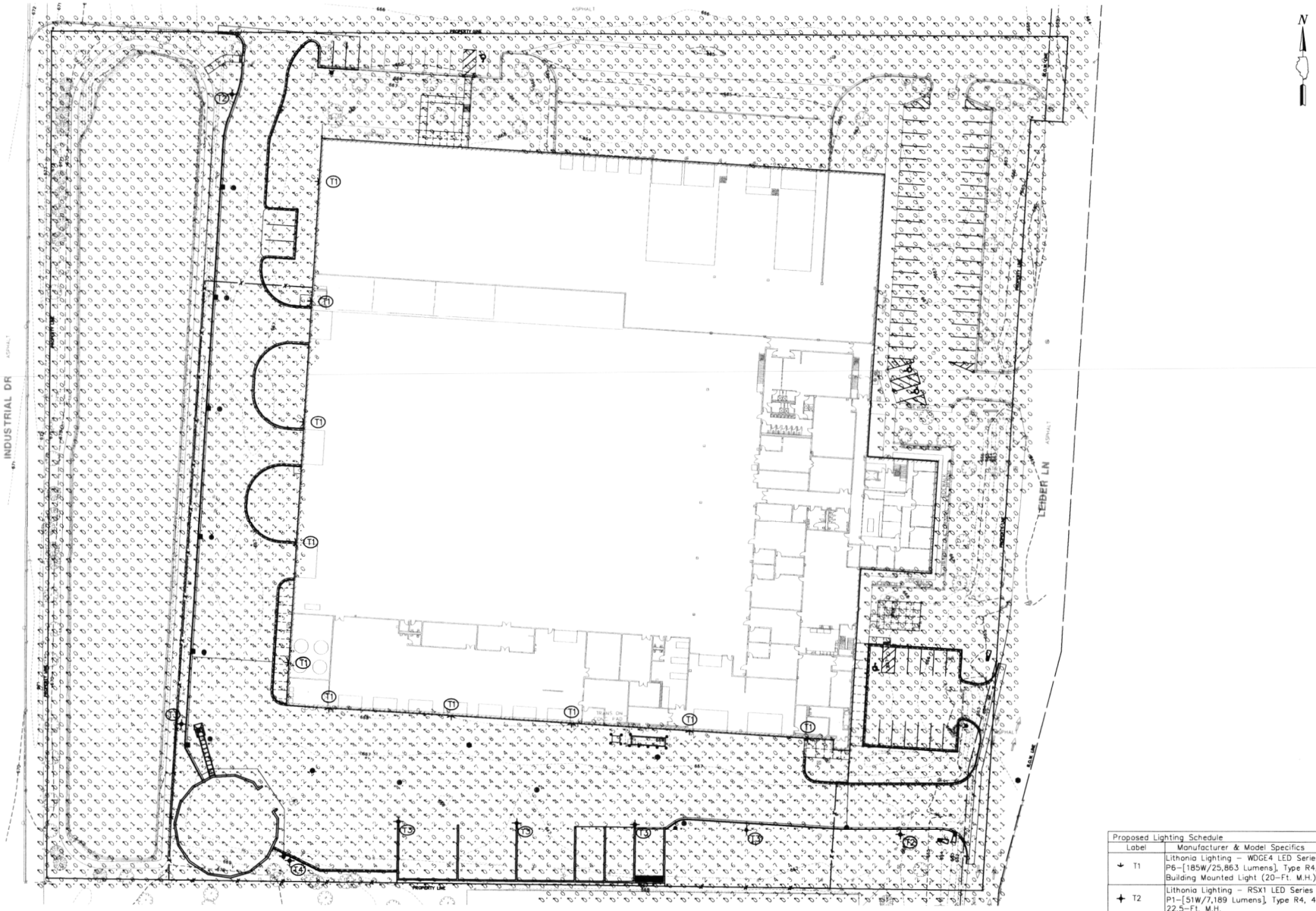
LANDSCAPE PLAN

BUFFALO GROVE - PUBLIC WORKS FACILITY IMPROVEMENTS
1650 LIEDER LANE
BUFFALO GROVE, ILLINOIS 60089

NO.	BY	DATE	REVISION	NO.	BY	DATE	REVISION

FILE: 5921.001-PR.dwg			SHEET NUMBER
DRAWN BY: TLM	GHA PROJECT #		1
DATE: 1/24/23	5921.010		
CHECKED BY: BJM	SCALE		OF 1 SHEETS
DATE: 1/24/23	1" = 30'		

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning



PHOTOMETRIC CALCULATIONS ARE MADE USING THE PROPOSED SPECIFICATIONS IN AGI-32 LIGHTING ANALYSIS SOFTWARE. CALCULATIONS ARE BASED ON PUBLISHED DATA, UTILIZING THE IES FORMATTED DATA FILES FOR THE PROPOSED LUMINAIRES. ACTUAL ILLUMINANCE VALUES WILL VARY DEPENDING ON MECHANICAL AND ENVIRONMENTAL CONDITIONS. SHOWN ARE THE AVERAGE AT GRADE HORIZONTAL ILLUMINANCE (FC)

PROPOSED PHOTOMETRICS – PROJECT SITE					
	AVE	MIN	MAX	AVE/MIN	MAX/MIN
WEST LOT	2.1	0.5	9.2	4.1	19.2
SOUTH LOT	4.8	0.4	12.2	11.9	30.5
WEST LOT ENT	1.2	0.3	2.6	4.1	8.7
SOUTH LOT ENT	1.3	0.3	2.7	4.2	9.0

PROPOSED PHOTOMETRICS – AT PROPERTY LINE			
	AVG ILLUMINANCE (FC)	MIN	MAX
EAST	0.02	0.0	0.2
SOUTH	0.02	0.0	0.5
WEST	0.00	0.0	0.0

Proposed Lighting Schedule	
Label	Manufacturer & Model Specifics
T1	Lithonia Lighting – WDGE4 LED Series P6–[185W/25,863 Lumens], Type R4, 4000K Building Mounted Light (20–Ft. M.H.)
T2	Lithonia Lighting – RSX1 LED Series P1–[51W/7,189 Lumens], Type R4, 4000K 22.5–Ft. M.H.
T3	Lithonia Lighting – RSX2 LED Series P4–[187W/25,329 Lumens], Type R4, 4000K 27.5–Ft. M.H.
T4	Lithonia Lighting – RSX2 LED Series P3–[147W/22,317 Lumens], Type R4, 4000K 27.5–Ft. M.H. with House Side Shield

GHA GEWALT HAMILTON ASSOCIATES, INC.
625 Forest Edge Drive ■ Vernon Hills, IL 60061
TEL 847.478.9700 ■ FAX 847.478.9701

COPYRIGHT NOTICE
This drawing is the property of Gewalt Hamilton Assoc., Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from Gewalt Hamilton Associates, Inc.

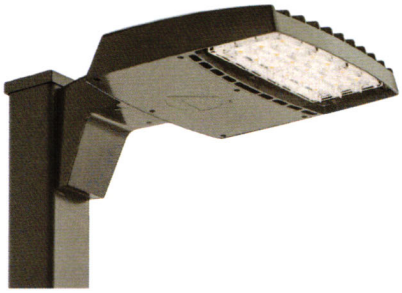
PHOTOMETRIC PLAN

BUFFALO GROVE - PUBLIC WORKS FACILITY IMPROVEMENTS
1650 LIEDER LANE
BUFFALO GROVE, ILLINOIS 60089

NO.	BY	DATE	REVISION	NO.	BY	DATE	REVISION

FILE: 5921.001_EL.dwg
DRAWN BY: JZ DATE 1-11-23
CHECKED BY: BJW DATE 1-11-23
GHA PROJECT # 5921.010
SCALE NTS
SHEET NUMBER 1 OF 1 SHEET

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning



RSX1 LED
Area Luminaire

Catalog Number

Notes

Type

*Hit the tab key or mouse over the page to see all interactive elements.

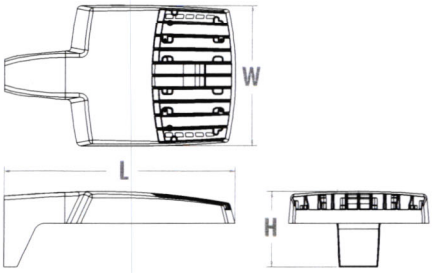
Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Specifications

EPA (ft²@0°):	0.57 ft² (0.05 m²)
Length:	21.8" (55.4 cm) (SPA mount)
Width:	13.3" (33.8 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm
Weight: (SPA mount):	22.0 lbs (10.0 kg)



Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

RSX1 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1 P2 P3 P4	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide [1] R5S Type 5 Short [1] AFR Automotive Front Row AFRR90 Automotive Front Row Right Rotated AFRL90 Automotive Front Row Left Rotated	MVOLT (120V-277V) [2] HVOLT (347V-480V) [3] XVOLT (277V-480V) [4] **(use specific voltage for options as noted)** 120 [3] 277 [5] 208 [3] 347 [5] 240 [3] 480 [5]	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) [6] WBA Wall bracket [1] WBASC Wall bracket with surface conduit box AASP Adjustable tilt arm square pole mounting [6] AARP Adjustable tilt arm round pole mounting [6] AAWB Adjustable tilt arm with wall bracket [6] AAWSC Adjustable tilt arm wall bracket and surface conduit box [6]

Options

Shipped Installed

HS	House-side shield [7]
PE	Photocontrol, button style [8,9]
PER7	Seven-wire twist-lock receptacle only (no controls) [9,10,11]
SF	Single fuse (120, 277, 347) [5]
DF	Double fuse (208, 240, 480) [5]
SPD20KV	20KV Surge pack (10KV standard)
FAO	Field adjustable output [9]
DMG	0-10V dimming extend out back of housing for external control (control ordered separate) [9]

Shipped Installed

***Standalone and Networked Sensors/Controls (factory default settings, see table page 9)**

NLTAIR2 PIRHN	nLight AIR generation 2, with Networked, Bi-Level motion/ambient sensor [9,12,13,14]
BAA	Buy America(n) Act Compliant
CCE	Coastal Construction [15]

***Note: NLTAIR2 PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted.**

Shipped Separately (requires some field assembly)

EGS	External glare shield [7]
EGFV	External glare full visor (360° around light aperture) [7]
BS	Bird spikes [16]

Finish

DDBXD	Dark Bronze
DBLXD	Black
DNAXD	Natural Aluminum
DWHXD	White
DDBTXD	Textured Dark Bronze
DBLBXD	Textured Black
DNATXD	Textured Natural Aluminum
DWHGXD	Textured White

© 2018-2023 Acuity Brands Lighting, Inc. All rights reserved.

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

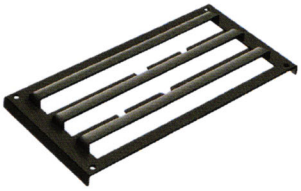
Ordering Information

Accessories
Ordered and shipped separately.

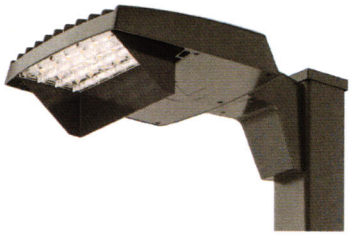
RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1HSAFRR U	RSX1 House side shield for AFR rotated optics (includes 1 shield)
RSX1EGS (FINISH) U	External glares hield (specify finish)
RSX1EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) [1]
RSXSCB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) [17]
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) [17]
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) [17]
DSHORT SBK U	Shorting cap [18]

NOTES
1 Any Type 5 distribution, is not available with WBA.
2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
4 XVOLT driver not available with P1 or P2. XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE.
5 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
6 Maximum tilt is 90° above horizontal.
7 It may be ordered as an accessory.
8 Requires MVOLT or 347V.
9 Two or more of the following options cannot be combined including PE, DMG, PER7, FAO and NLTAIR2 PIRHN. (Exception: PE and FAO can be combined; also PE and DMG can be combined.)
10 Compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dimming signals. Wire 4/Wire 5 wired to dimming leads on driver. Wire6/Wire7 capped inside luminaire. Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
11 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
12 Must be ordered with PIRHN.
13 Requires MVOLT or HVOLT.
14 Must be ordered with NLTAIR2. For additional information on PIRHN visit here.
15 CCE option not available with WBA, WBASC, AASP, AARP, AAWB, AAWBSC, EGS, EGFV and BS.
16 Must be ordered with fixture for factory pre-drilling.
17 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

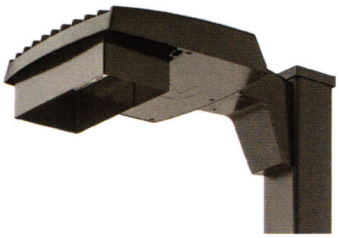
External Shields



House Side Shield



External Glare Shield

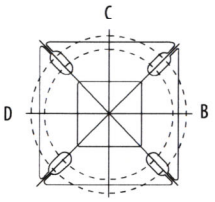


External 360 Full Visor

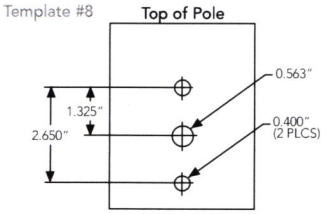
Pole/Mounting Informatiion

Accessories including bullhorns, cross arms and other adpaters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit Accessories.

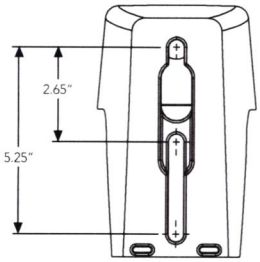
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	Drill Nomenclature	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX1 - Luminaire EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration		Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
Mounting Type	Tilt									
SPA - Square Pole Adaptor	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
RPA - Round Pole Adaptor	0°	0.62	1.08	1.15	1.62	1.46	2.13	1.36	1.8	2.36
MA - Mast Arm Adaptor	0°	0.49	0.95	0.89	1.36	1.2	1.87	1.23	1.54	2.1
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
	10°	0.68	1.34	1.33	2	1.74	2.64	1.35	2.03	2.71
	20°	0.87	1.71	1.73	2.56	2.26	3.42	1.75	2.62	3.49
	30°	1.24	2.19	2.3	3.21	2.87	4.36	2.49	3.73	4.97
	40°	1.81	2.68	2.98	3.85	3.68	5.30	3.62	5.43	7.24
	45°	2.11	2.92	3.44	4.2	4.08	5.77	4.22	6.33	8.44
	50°	2.31	3.17	3.72	4.52	4.44	6.26	4.62	6.94	9.25
	60°	2.71	3.66	4.38	5.21	5.15	7.24	5.43	8.14	10.86
	70°	2.78	3.98	4.54	5.67	5.47	7.91	5.52	8.27	11.03
	80°	2.76	4.18	4.62	5.97	5.76	8.31	5.51	8.27	11.03
	90°	2.73	4.25	4.64	6.11	5.91	8.47	5.45	8.18	10.97

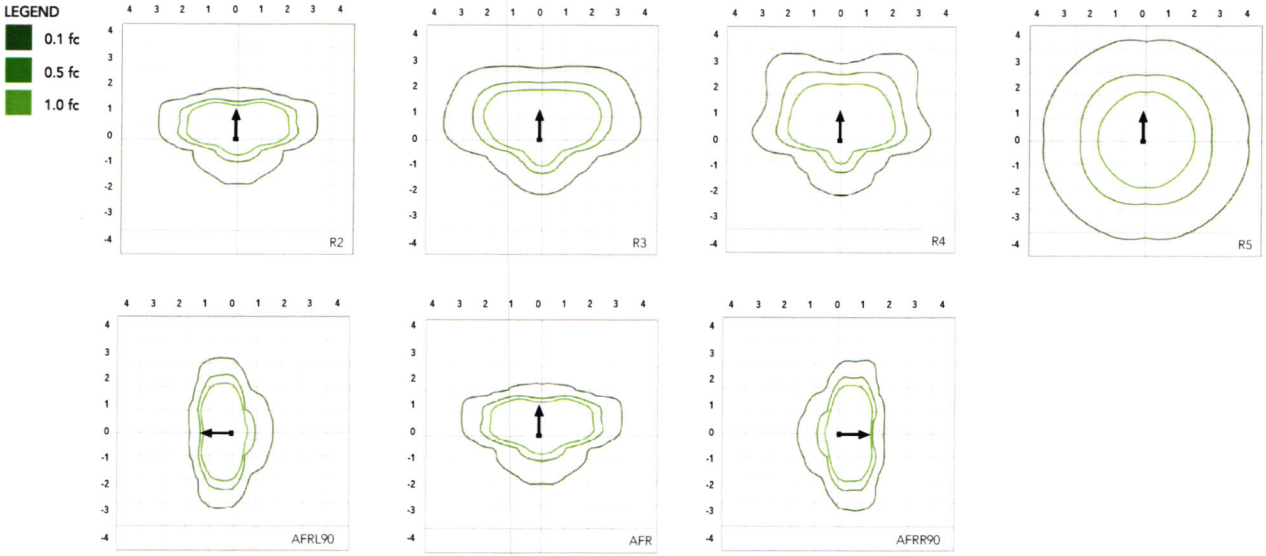
© 2018-2023 Acuity Brands Lighting, Inc. All rights reserved.

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's RSX Area homepage.

Isofootcandle plots for the RSX1 LED P4 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

		Current (A)					
Performance Package	System Watts (W)	120V	208V	240V	277V	347V	480V
P1	51W	0.42	0.25	0.21	0.19	0.14	0.11
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

© 2018-2023 Acuity Brands Lighting, Inc. All rights reserved.

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Distribution. Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
		R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	147
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	139
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	140
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	140
P2	72W	R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	135
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
		R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	139
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	134
		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	140
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	144
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	137
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	137
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	137
P3	109W	R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	129
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	132
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
		R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	126
		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	132
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	136
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	129
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	130
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	130
P4	133W	R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	123
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	126
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	120
		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	126
		R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	130
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	123
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	124
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	125

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

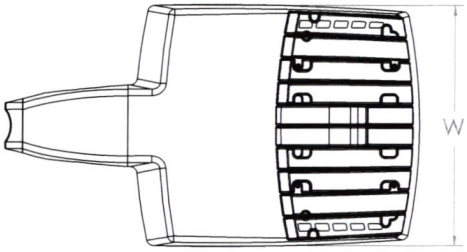
© 2018-2023 Acuity Brands Lighting, Inc. All rights reserved.

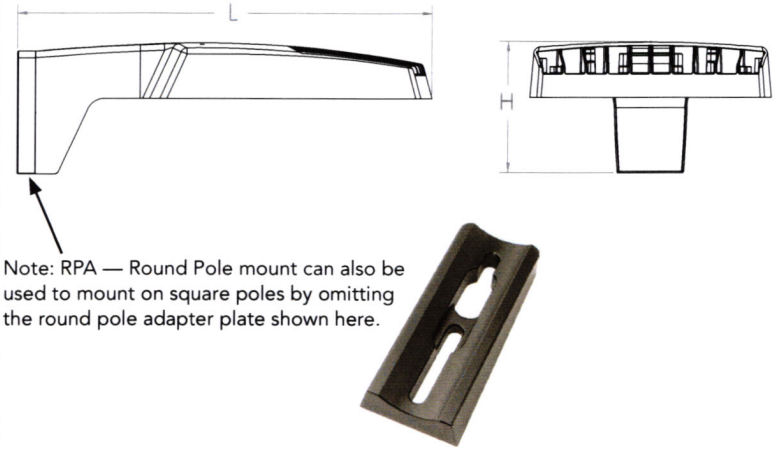
Dimensions & Weights

Luminaire Weight by Mounting Type

Mounting Configuration	Total Luminaire Weight
SPA	22 lbs
RPA	24 lbs
MA	22 lbs
WBA	25 lbs
WBASC	28 lbs
IS	25 lbs
AASP	25 lbs
AARP	27 lbs
AAWB	28 lbs
AAWSC	31 lbs

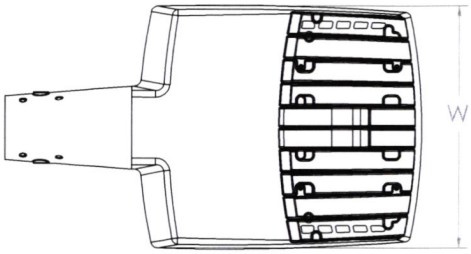
RSX1 with Round Pole Adapter (RPA)

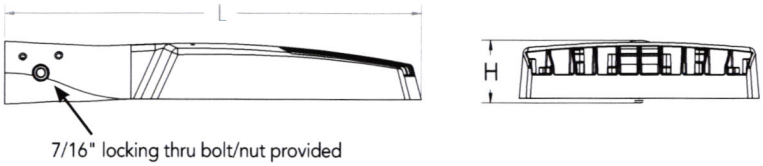




Length: 22.8" (57.9 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.4 cm) Arm

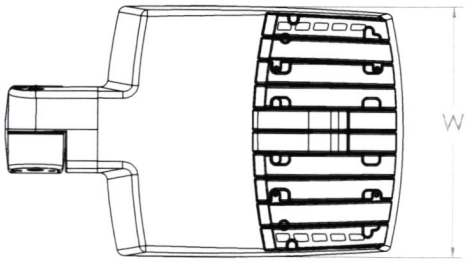
RSX1 with Mast Arm Adapter (MA)





Length: 23.2" (59.1 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
3.5" (8.9 cm) Arm

RSX1 with Adjustable Slipfitter (IS)



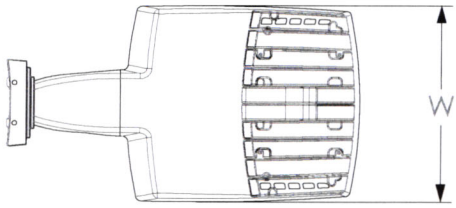
Length: 20.7" (52.7 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.6" (19.3 cm) Arm

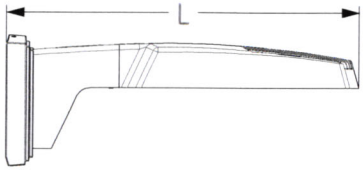
© 2018-2023 Acuity Brands Lighting, Inc. All rights reserved.

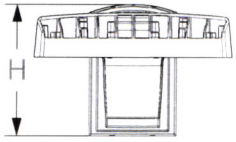
Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

Dimensions

RSX1 with Wall Bracket (WBA)

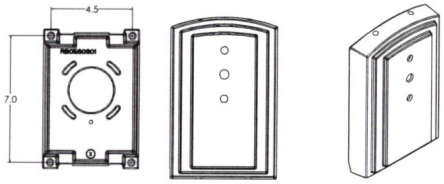




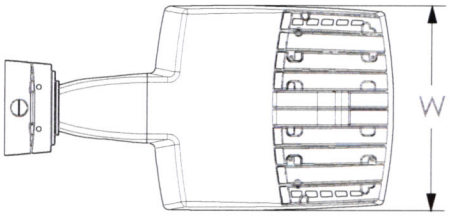


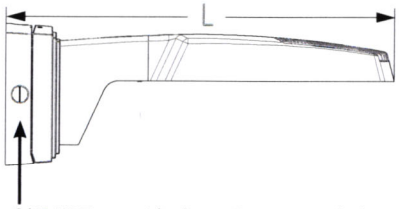
Length: 23.6" (59.9 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail

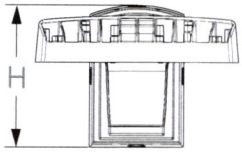


RSX1 with Wall Bracket with Surface Conduit Box (WBASC)

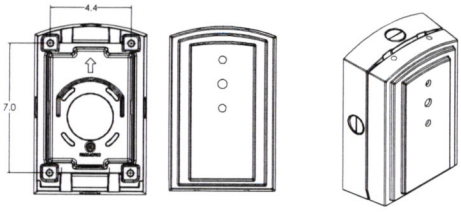




3/4" NPT taps with plugs - Qty (4) provided



Surface Conduit Box (SCB) Mounting Detail



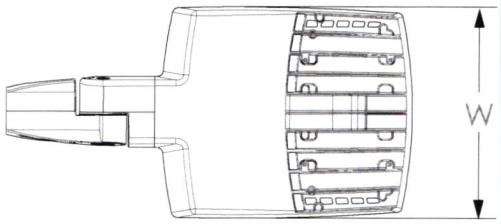
Length: 25.3" (64.3 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

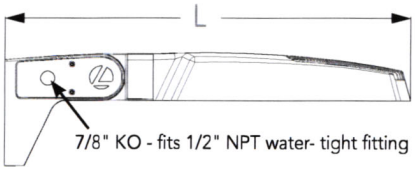
© 2018-2023 Acuity Brands Lighting, Inc. All rights reserved.

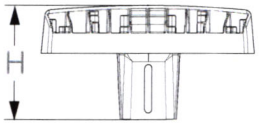
Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

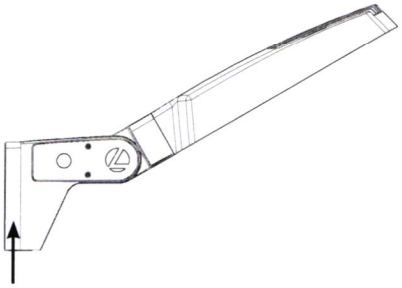
Dimensions

RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)









Length: 25.3" (65.3 cm) **AASP**
26.3" (66.8 cm) **AARP**
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

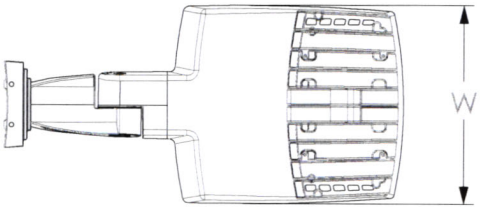
NOTE:
RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

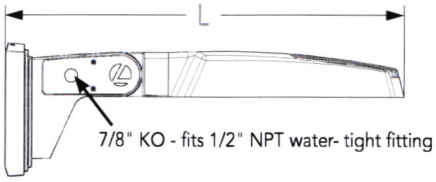
Notes

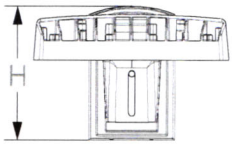
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

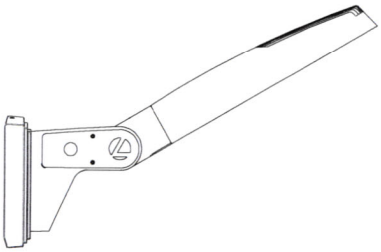
AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)

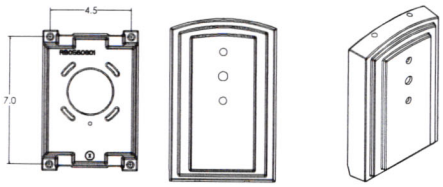








Wall Bracket (WBA) Mounting Detail



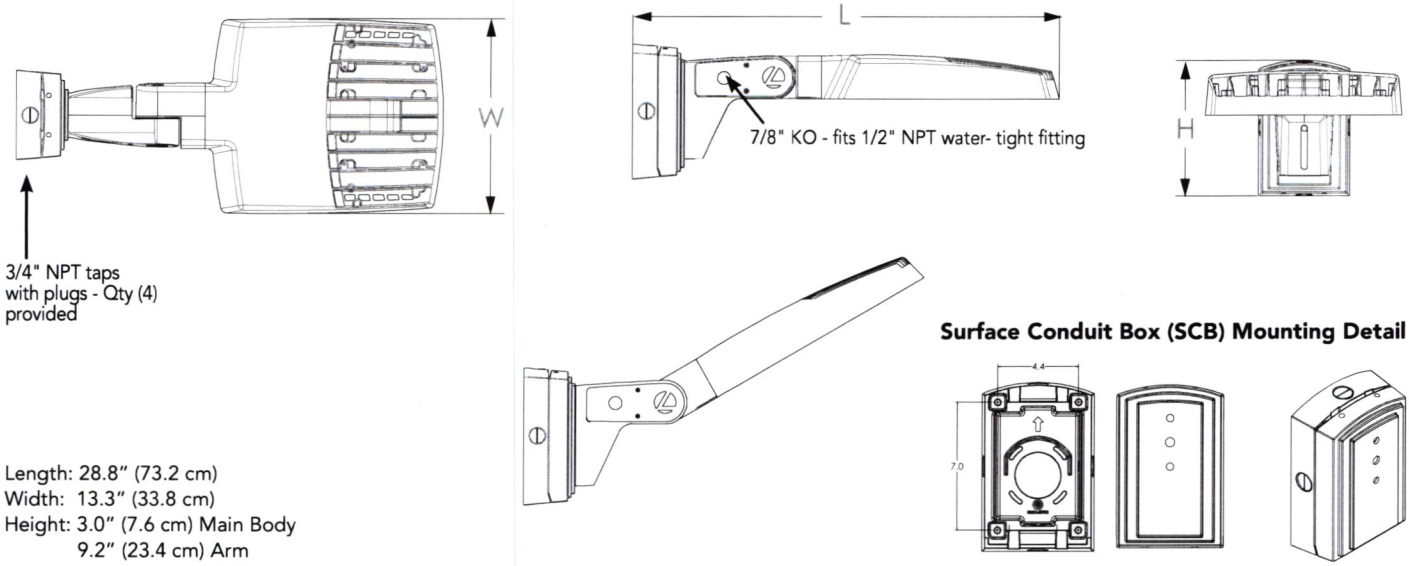
Length: 27.1" (68.8 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

© 2018-2023 Acuity Brands Lighting, Inc. All rights reserved.

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

Dimensions

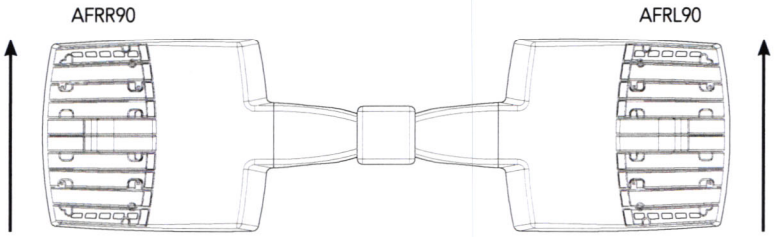
RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



Length: 28.8" (73.2 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail

Automotive Front Row - Rotated Optics (AFRL90/R90)



(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

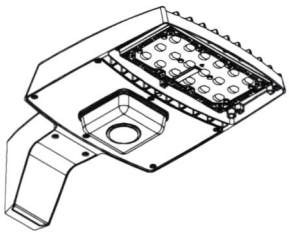
© 2018-2023 Acuity Brands Lighting, Inc. All rights reserved.

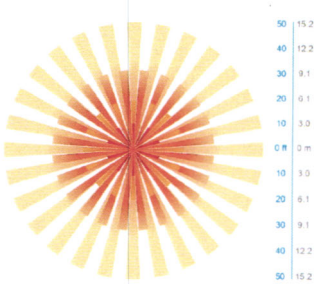
Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

nLight Control - Sensor Coverage and Settings

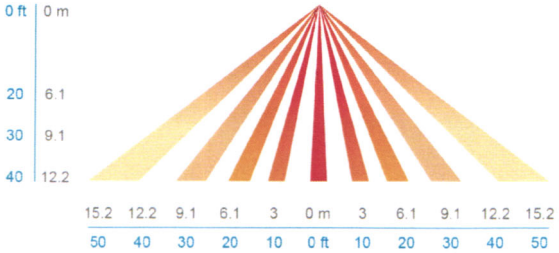
nLight Sensor Coverage Pattern

NLTAIR2 PIRHN





Top



Side

Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clairity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is titled.

FEATURES & SPECIFICATIONS

INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for minimum 1.5 G vibration load per ANSI C136.31. 3G Mountings: Include SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

COASTAL CONSTRUCTION (CCE)

ptional corrosion resistant construction is engineered with added corrosion rotection in materials and/or pre-treatment of base material under superYurable paint. Provides additional corrosion protection for applications nearÜoastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with cribe rating of 10. Additional lead-times apply.

OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFRR90 and ARFL90.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Fixtures ship standard with 0-10v dimming driver. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about nLight Air can be found here.

INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only. U.S. Patent No. D882, 146S

BUY AMERICAN ACT

Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

© 2018-2023 Acuity Brands Lighting, Inc. All rights reserved.

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

RSX2 LED
Area Luminaire

Catalog Number

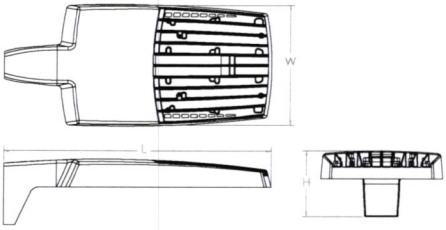
Notes

Type

Hint: Tab key or mouse over this page to see all interactive elements.

Specifications

EPA (ft²@0°):	0.69 ft² (0.06 m²)
Length:	29.3" (74.4 cm) (SPA mount)
Width:	13.4" (34.0 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm
Weight: (SPA mount)	30.0 lbs (13.6 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX2 delivers 11,000 to 31,000 lumens allowing it to replace 250W to 1000W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Ordering Information

EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

RSX2 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1 P2 P3 P4 P5 P6	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide [1] R5S Type 5 Short [1] AFR Automotive Front Row AFRR90 Automotive Front Row Right Rotated AFRL90 Automotive Front Row Left Rotated	MVOLT (120V-277V) [2] HVOLT (347V-480V) [3] XVOLT (277V-480V) [4] **(use specific voltage for options as noted)** 120 [3] 277 [5] 208 [3] 347 [5] 240 [3] 480 [5]	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) [6] WBA Wall bracket [1] WBASC Wall bracket with surface conduit box AASP Adjustable tilt arm square pole mounting [6] AARP Adjustable tilt arm round pole mounting [6] AAWB Adjustable tilt arm with wall bracket [6] AAWSC Adjustable tilt arm wall bracket and surface conduit box [6]

Options

Shipped Installed

HS	House-side shield [7]
PE	Photocontrol, button style [8,9]
PEX	Photocontrol external threaded, adjustable [9,10]
PER7	Seven-wire twist-lock receptacle only (no controls) [9,11,12,13]
CE34	Conduit entry 3/4" NPT (Qty 2)
SF	Single fuse (120, 277, 347) [5]
DF	Double fuse (208, 240, 480) [5]
SPD20KV	20KV Surge pack (10KV standard)
FAO	Field adjustable output [9,13]
DMG	0-10V dimming extend out back of housing for external control (control ordered separate) [9,13]
DS	Dual switching [9,14]

Shipped Installed

***Standalone and Networked Sensors/Controls (factory default settings, see table page 9)**

NLTAIR2	nLight AIR generation 2 [13,15,16]
PIRHN	Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2) [13,16,17]
BAA	Buy America(n) Act Compliant

***Note: PIRHN with nLight Air can be used as a standalone dimming sensor with out-of-box settings or as a wireless networked solution. See factory default settings table. Sensor coverage pattern is affected when luminaire is tilted.**

Shipped Separately (requires some field assembly)

EGS	External glare shield [6]
EGFV	External glare full visor (360° around light aperture) [7]
BS	Bird spikes [18]

Finish

DDBXD	Dark Bronze
DBLXD	Black
DNAXD	Natural Aluminum
DWHXD	White
DDBTXD	Textured Dark Bronze
DBLBXD	Textured Black
DNATXD	Textured Natural Aluminum
DWHGXD	Textured White

© 2011-2022 Acuity Brands Lighting, Inc. All rights reserved.

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

Ordering Information

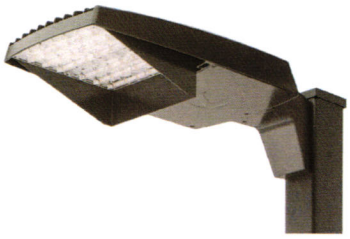
Accessories
Ordered and shipped separately.

RSX2HS	RSX2 House side shield (includes 2 shields)
RSX2EGS (FINISH) U	External glare shield (specify finish)
RSX2HSAFRR (FINISH) U	RSX2 House side shields for AFR rotated optics (includes 2 shields)
RSX2EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) [1]
RSXSCB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) [19]
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) [19]
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) [19]
DSHORT SBK U	Shorting cap [19]

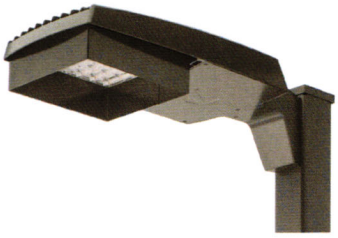
NOTES
1 Any Type 5 distribution, is not available with WBA.
2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
4 XVOLT driver not available with P1. XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE or PEX.
5 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
6 Maximum tilt is 90° above horizontal.
7 It may be ordered as an accessory.
8 Requires MVOLT or 347V.
9 Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, FAO, DMG, DS, PIRHN). Exception: PE or PEX and FAO can be combined).
10 Requires 120V, 208V, 240V, or 277V.
11 Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.
12 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
13 Two or more of the following options cannot be combined including DMG, DS, PER7, FAO and PIRHN.
14 DS only available on performance package P5 and P6.
15 Must be ordered with PIRHN.
16 Requires MVOLT or HVOLT.
17 Must be ordered with NLTAIR2. For additional information on PIRHN visit here.
18 Must be ordered with fixture for factory pre-drilling.
19 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

External Shields

House Side Shield



External Glare Shield

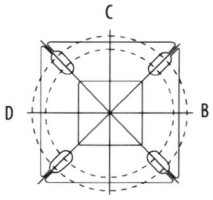


External 360 Full Visor

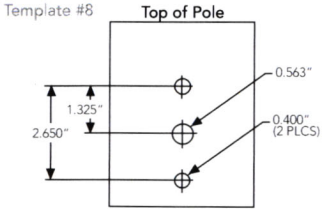
Pole/Mounting Informatiion

Accessories including bullhorns, cross arms and other adpaters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit Accessories.

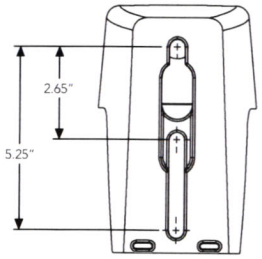
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	Drill Nomenclature	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX2 - Luminaire EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration		Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
Mounting Type	Tilt									
SPA - Square Pole Adaptor	0°	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
RPA - Round Pole Adaptor		0.74	1.27	1.37	1.9	1.71	2.49	1.42	2.16	2.84
MA - Mast Arm Adaptor		0.61	1.14	1.11	1.64	1.45	2.23	1.29	1.9	2.58
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0°	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
	10°	0.53	1.06	1.05	1.58	1.37	2.08	1.06	1.59	2.12
	20°	0.52	1.02	1.03	1.52	1.33	2.02	1.03	1.55	2.07
	30°	0.64	1.11	1.18	1.63	1.45	2.21	1.27	1.91	2.54
	40°	0.81	1.21	1.35	1.74	1.65	2.39	1.62	2.43	3.23
	45°	0.91	1.25	1.5	1.81	1.75	2.48	1.82	2.73	3.64
	50°	1.34	1.83	2.17	2.61	2.56	3.62	2.68	4.02	5.36
	60°	2.2	2.97	3.57	4.24	4.17	5.89	4.41	6.61	8.82
	70°	2.86	4.13	4.7	5.89	5.71	8.21	5.71	8.57	11.42
	80°	3.4	5.13	5.67	7.34	7.09	10.21	6.79	10.19	13.59
	90°	3.85	5.96	6.55	8.58	8.31	11.88	7.70	11.56	15.41

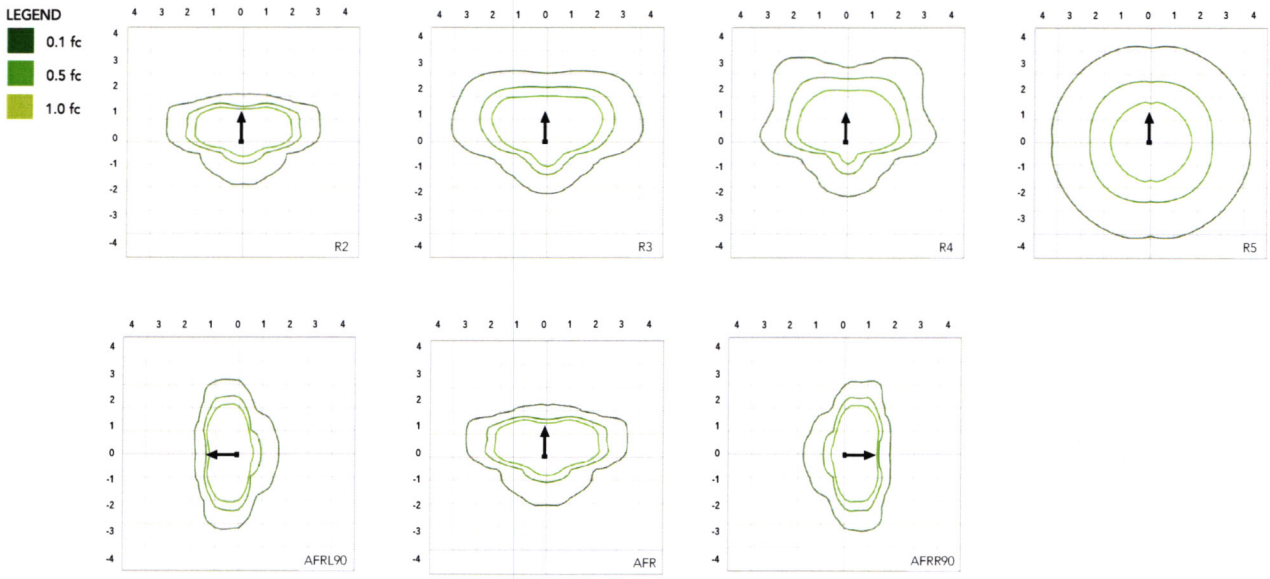
© 2011-2022 Acuity Brands Lighting, Inc. All rights reserved.

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's RSX Area homepage.

Isofootcandle plots for the RSX2 LED P6 40K. Distances are in units of mounting height (30').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

		Current (A)					
Performance Package	System Watts (W)	120V	208V	240V	277V	347V	480V
P1	71W	0.59	0.34	0.30	0.26	0.20	0.15
P2	111W	0.93	0.53	0.46	0.40	0.32	0.23
P3	147W	1.23	0.70	0.61	0.53	0.42	0.31
P4	187W	1.55	0.90	0.78	0.68	0.53	0.38
P5	210W	1.75	1.01	0.87	0.76	0.60	0.44
P6	244W	2.03	1.17	1.01	0.88	0.70	0.51

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

© 2011-2022 Acuity Brands Lighting, Inc. All rights reserved.

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Distribution. Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	71W	R2	10,040	2	0	1	139	11,031	2	0	1	153	11,031	2	0	1	153
		R3	10,005	2	0	2	141	10,992	2	0	2	155	10,992	2	0	2	155
		R3S	10,271	2	0	2	143	11,285	2	0	2	157	11,285	2	0	2	157
		R4	10,136	2	0	2	143	11,136	2	0	2	157	11,136	2	0	2	157
		R4S	9,779	2	0	2	138	10,744	2	0	2	151	10,744	2	0	2	151
		R5	10,271	4	0	2	145	11,285	4	0	2	159	11,285	4	0	2	159
		R5S	10,544	3	0	1	149	11,585	3	0	2	163	11,585	3	0	2	163
		AFR	10,026	2	0	1	141	11,016	2	0	1	155	11,016	2	0	1	155
		AFRR90	10,122	3	0	2	140	11,121	3	0	2	154	11,121	3	0	2	154
		AFRL90	10,164	3	0	2	141	11,167	3	0	2	155	11,167	3	0	2	155
P2	111W	R2	15,712	2	0	2	138	17,263	2	0	2	151	17,263	2	0	2	151
		R3	15,657	2	0	3	141	17,202	3	0	3	155	17,202	3	0	3	155
		R3S	16,075	2	0	2	141	17,661	2	0	2	155	17,661	2	0	2	155
		R4	15,862	2	0	3	143	17,427	2	0	3	157	17,427	2	0	3	157
		R4S	15,304	2	0	2	138	16,815	2	0	2	151	16,815	2	0	2	151
		R5	16,075	4	0	2	145	17,661	5	0	3	159	17,661	5	0	3	159
		R5S	16,502	4	0	2	149	18,130	4	0	2	163	18,130	4	0	2	163
		AFR	15,691	2	0	2	141	17,240	2	0	2	155	17,240	2	0	2	155
		AFRR90	15,841	3	0	3	139	17,404	4	0	3	153	17,404	4	0	3	153
		AFRL90	15,907	3	0	3	139	17,477	4	0	3	153	17,477	4	0	3	153
P3	147W	R2	19,855	3	0	2	132	21,814	3	0	2	145	21,814	3	0	2	145
		R3	19,785	3	0	3	135	21,737	3	0	4	148	21,737	3	0	4	148
		R3S	20,312	3	0	3	135	22,317	3	0	3	149	22,317	3	0	3	149
		R4	20,044	3	0	3	136	22,022	3	0	4	150	22,022	3	0	4	150
		R4S	19,339	3	0	3	132	21,247	3	0	3	145	21,247	3	0	3	145
		R5	20,313	5	0	3	138	22,317	5	0	3	152	22,317	5	0	3	152
		R5S	20,852	4	0	2	142	22,910	4	0	2	156	22,910	4	0	2	156
		AFR	19,828	3	0	2	135	21,785	3	0	2	148	21,785	3	0	2	148
		AFRR90	20,017	4	0	3	133	21,992	4	0	3	147	21,992	4	0	3	147
		AFRL90	20,101	4	0	3	134	22,084	4	0	3	147	22,084	4	0	3	147
P4	187W	R2	22,836	3	0	2	120	25,090	3	0	2	132	25,090	3	0	2	132
		R3	22,756	3	0	4	122	25,002	3	0	4	134	25,002	3	0	4	134
		R3S	23,363	3	0	3	123	25,668	3	0	3	135	25,668	3	0	3	135
		R4	23,054	3	0	4	123	25,329	3	0	4	135	25,329	3	0	4	135
		R4S	22,243	3	0	3	119	25,059	3	0	3	134	25,059	3	0	3	134
		R5	23,363	5	0	3	125	25,669	5	0	4	137	25,669	5	0	4	137
		R5S	23,983	4	0	2	128	26,350	4	0	2	141	26,350	4	0	2	141
		AFR	22,806	3	0	2	122	25,056	3	0	2	134	25,056	3	0	2	134
		AFRR90	23,023	4	0	3	121	25,295	4	0	3	133	25,295	4	0	3	133
		AFRL90	23,120	4	0	3	122	25,401	4	0	3	134	25,401	4	0	3	134
P5	210W	R2	26,141	3	0	2	122	28,721	3	0	2	135	28,721	3	0	2	135
		R3	26,049	3	0	4	124	28,620	3	0	4	136	28,620	3	0	4	136
		R3S	26,744	3	0	3	125	29,383	3	0	4	138	29,383	3	0	4	138
		R4	26,390	3	0	4	126	28,994	3	0	4	138	28,994	3	0	4	138
		R4S	25,462	3	0	3	121	27,974	3	0	3	133	27,974	3	0	3	133
		R5	26,744	5	0	4	127	29,383	5	0	4	140	29,383	5	0	4	140
		R5S	27,454	4	0	2	131	30,163	4	0	2	144	30,163	4	0	2	144
		AFR	26,106	3	0	2	124	28,682	3	0	2	137	28,682	3	0	2	137
		AFRR90	26,354	4	0	3	123	28,955	5	0	3	136	28,955	5	0	3	136
		AFRL90	26,465	4	0	3	124	29,077	5	0	3	136	29,077	5	0	3	136
P6	244W	R2	27,646	3	0	2	112	30,374	3	0	2	123	30,374	3	0	2	123
		R3	27,549	3	0	4	113	30,267	3	0	4	124	30,267	3	0	4	124
		R3S	28,283	3	0	3	115	31,075	3	0	4	126	31,075	3	0	4	126
		R4	27,909	3	0	4	114	30,663	3	0	4	126	30,663	3	0	4	126
		R4S	26,928	3	0	3	110	29,585	3	0	3	121	29,585	3	0	3	121
		R5	28,284	5	0	4	116	31,075	5	0	4	127	31,075	5	0	4	127
		R5S	29,035	4	0	2	119	31,900	5	0	3	131	31,900	5	0	3	131
		AFR	27,608	3	0	2	112	30,332	3	0	2	123	30,332	3	0	2	123
		AFRR90	27,872	4	0	3	113	30,622	5	0	3	124	30,622	5	0	3	124
		AFRL90	27,989	4	0	3	113	30,751	5	0	3	125	30,751	5	0	3	125

© 2011-2022 Acuity Brands Lighting, Inc. All rights reserved.

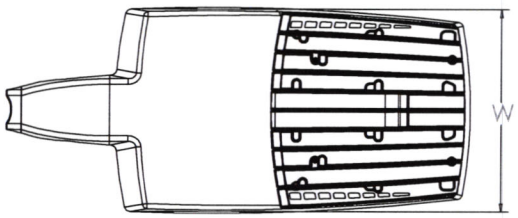
Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

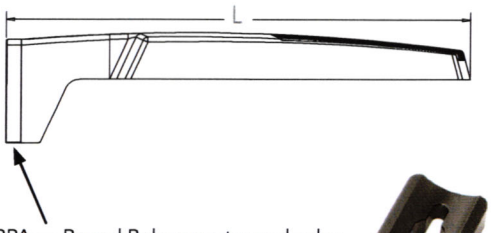
Dimensions & Weights

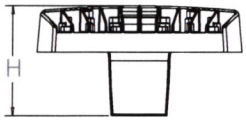
Luminaire Weight by Mounting Type

Mounting Configuration	Total Luminaire Weight
SPA	30 lbs
RPA	32 lbs
MA	30 lbs
WBA	33 lbs
WBASC	36 lbs
IS	33 lbs
AASP	33 lbs
AARP	35 lbs
AAWB	36 lbs
AAWSC	39 lbs

RSX2 with Round Pole Adapter (RPA)



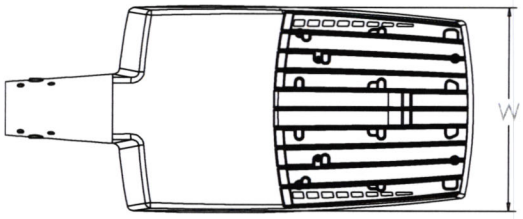


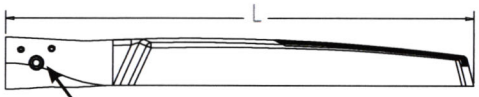


Length: 30.3" (77.0 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.3 cm) Arm

Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

RSX2 with Mast Arm Adapter (MA)

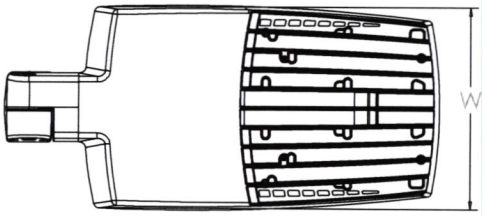


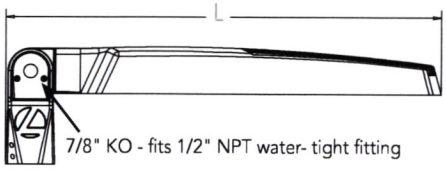


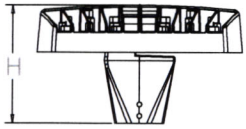
7/16" locking thru bolt/nut provided

Length: 30.6" (77.7 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
3.5" (8.9 cm) Arm

RSX2 with Adjustable Slipfitter (IS)







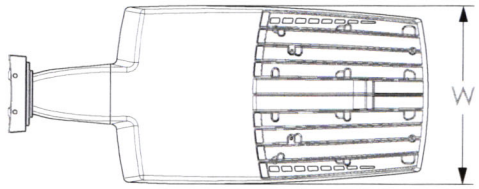
Length: 28.3" (71.9 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.6" (19.3 cm) Arm

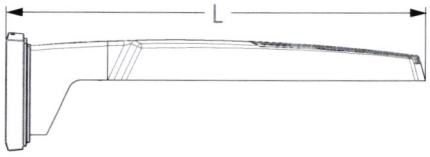
© 2011-2022 Acuity Brands Lighting, Inc. All rights reserved.

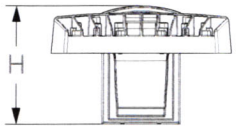
Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

Dimensions

RSX2 with Wall Bracket (WBA)

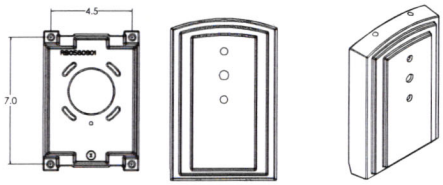




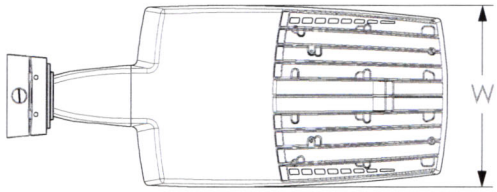


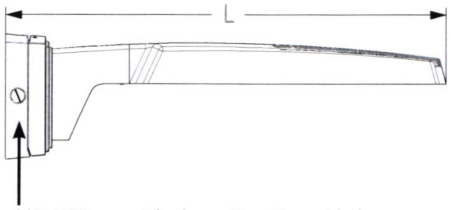
Length: 31.2" (79.2 cm)
Width: 13.4" (41.7 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail

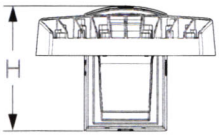


RSX2 with Wall Bracket with Surface Conduit Box (WBASC)

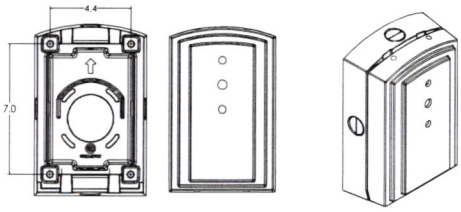




3/4" NPT taps with plugs - Qty (4) provided



Surface Conduit Box (SCB) Mounting Detail



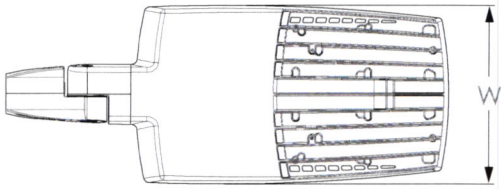
Length: 32.8" (83.3 cm)
Width: 13.4" (41.7 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

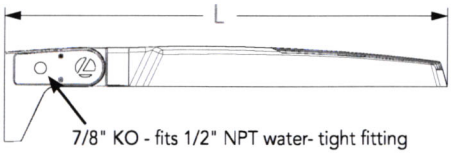
© 2011-2022 Acuity Brands Lighting, Inc. All rights reserved.

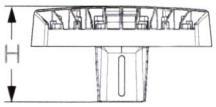
Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

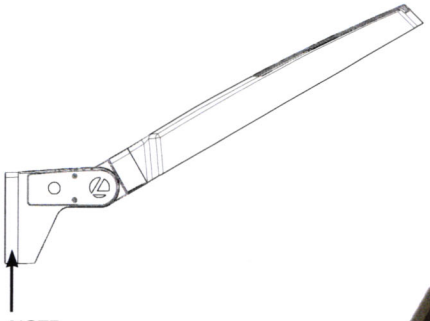
Dimensions

RSX2 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)









Length: 32.8" (83.3 cm) **AASP**
33.8" (85.9 cm) **AARP**
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

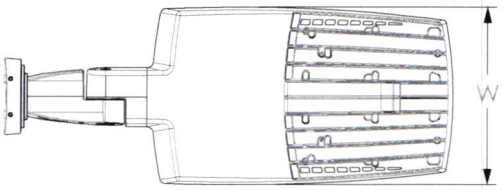
NOTE:
RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

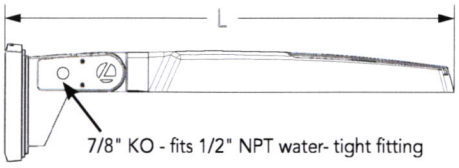
Notes

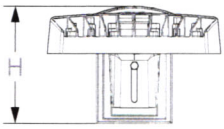
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

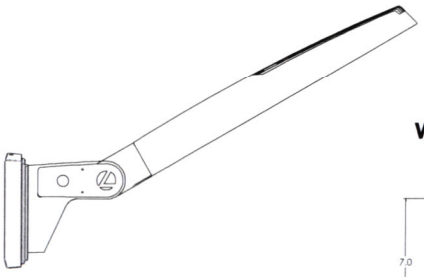
AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

RSX2 with Adjustable Tilt Arm with Wall Bracket (AAWB)

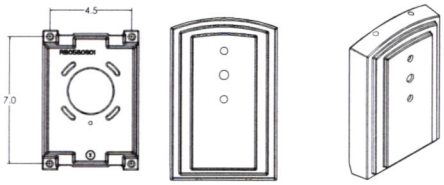








Wall Bracket (WBA) Mounting Detail



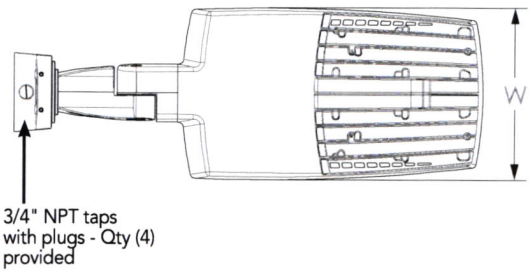
Length: 34.7" (88.0 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

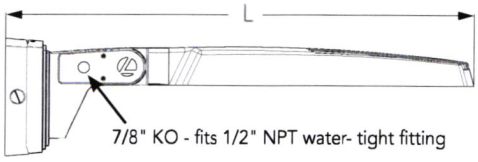
© 2011-2022 Acuity Brands Lighting, Inc. All rights reserved.

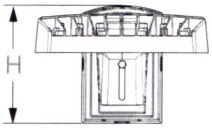
Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

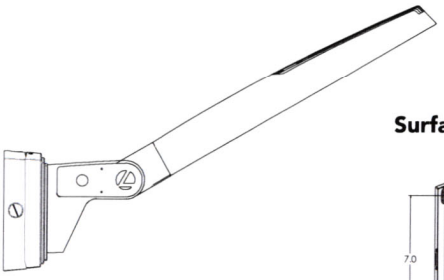
Dimensions

RSX2 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



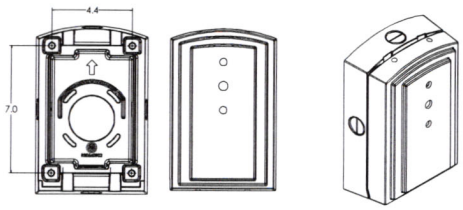




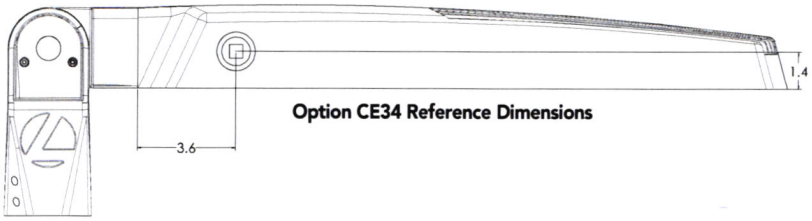


Length: 36.2" (91.9 cm)
Width: 13.4" (40.0 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail

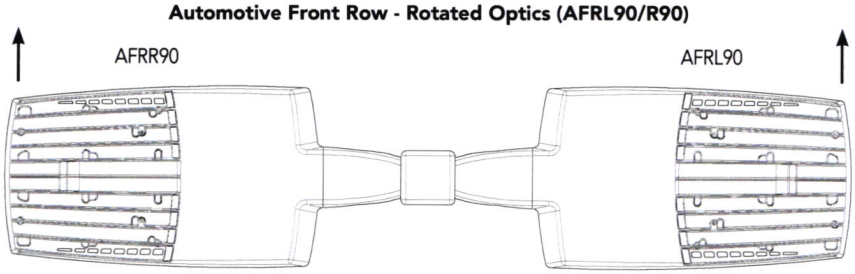


Additional Reference Drawings



Option CE34 Reference Dimensions

Automotive Front Row - Rotated Optics (AFRL90/R90)



(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

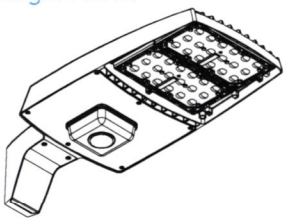
© 2011-2022 Acuity Brands Lighting, Inc. All rights reserved.

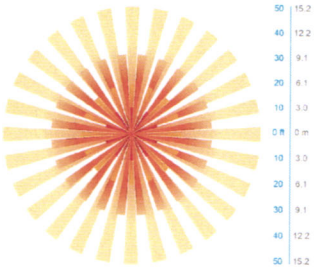
Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

nLight Control - Sensor Coverage and Settings

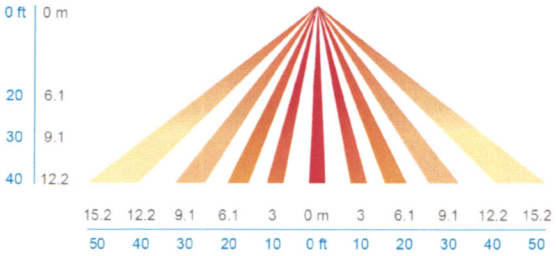
NLTAIR2 PIRHN nLight Sensor Coverage Pattern

nLight PIRHN





Top



Side

Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clairity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is titled.

FEATURES & SPECIFICATIONS

INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX2 delivers 11,000 to 31,000 lumens and is ideal for replacing 250W to 1000W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION AND DESIGN

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. Vibration rated per ANSI C136.31: 3G Mountings: Include SPA, RPA, MA, IS, AASP, AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row) and AFR rotated AFRR90 and ARFL90.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Fixtures ship standard with 0-10v dimming driver. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about nLight Air can be found here.

INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only. US Patent No. D882, 146S

BUY AMERICAN ACT

Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations.

Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

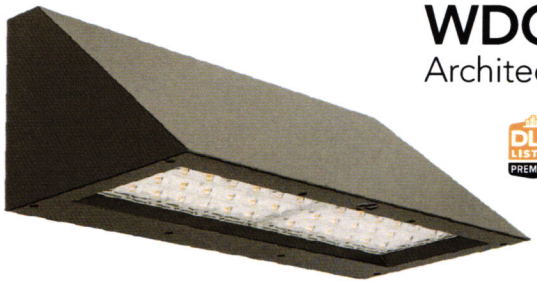
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

© 2011-2022 Acuity Brands Lighting, Inc. All rights reserved.

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)



WDGE4 LED
Architectural Wall Sconce

Catalog Number

Notes

Type

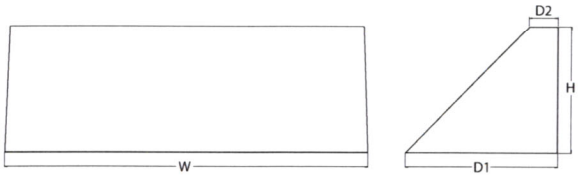
Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE4 has been designed to deliver up to 25,000 lumens through a precision refractive lens with wide distribution, perfect for augmenting the lighting from pole mounted luminaires.

Specifications

Depth (D1): 10"
Depth (D2): 2"
Height: 9"
Width: 25"
Weight: (without options) 30.5 lbs



WDGE LED Family Overview

Luminaire	Standard EM, 0°C	Cold EM, -20°C	Sensor	Lumens (4000K)					
				P1	P2	P3	P4	P5	P6
WDGE1 LED	4W	--	--	1,200	2,000	--	--	--	--
WDGE2 LED	10W	18W	Standalone / nLight	1,200	2,000	3,000	4,500	6,000	--
WDGE3 LED	15W	18W	Standalone / nLight	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	--	--	Standalone / nLight	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE4 LED P3 40K 70CRI R3 MVOLT SRM DDBXD

Series	Package		Color Temperature		CRI	Distribution		Voltage	Mounting			
									Shipped included		Shipped separately	
WDGE4 LED	P1	P4	30K	3000K	70CRI	R2	Type 2	MVOLT	SRM	Surface mounting bracket	AWS	3/8inch Architectural wall spacer
	P2	P5	40K	4000K	80CRI	R3	Type 3	347[1]	ICW	Indirect Canopy/Ceiling Washer bracket (dry/damp locations only)[4]	PBBW	Surface-mounted back box (top, left, right conduit entry). Use when there is no junction box available.
	P3	P6	50K	5000K		R4	Type 4	480[1]				
						RFT	Forward Throw					

Options

PE[2]	Photocell, Button Type
DS[3]	Dual switching (comes with 2 drivers and 2 light engines)
DMG[3]	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)
BCE	Bottom conduit entry for back box (PBBW). Total of 4 entry points.
SPD10KV	10kV Surge pack
BAA	Buy America(n) Act Compliant

Standalone Sensors/Controls

PIR	Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.
PIRH	Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching
PIR1FC3V	Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.
PIRH1FC3V	Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation.

Networked Sensors/Controls

NLTAIR2 PIR	nLightAIR Wireless enabled bi-level motion/ambient sensor for 8-15' mounting heights.
NLTAIR2 PIRH	nLightAIR Wireless enabled bi-level motion/ambient sensor for 15-30' mounting heights.

See page 3 for out of box functionality

Finish

DDBXD	Dark bronze
DBLXD	Black
DNAXD	Natural aluminum
DWHXD	White
DSSXD	Sandstone
DDBTXD	Textured dark bronze
DBLBXD	Textured black
DNATXD	Textured natural aluminum
DWHGXD	Textured white
DSSTXD	Textured sandstone

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD	WDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE4PBBW DDBXD U	WDGE4 surface-mounted back box (specify finish)

NOTES
1 347V and 480V not available with DS.
2 PE not available in 480V and with sensors/controls.
3 DS and DMG not available with sensors/controls.
4 Not qualified for DLC. Not available with emergency battery backup.

© 2019-2022 Acuity Brands Lighting, Inc. All rights reserved.

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P1	77W	R2	11,173	146	2	0	1	12,125	158	2	0	1	12,125	158	2	0	1
		R3	10,951	143	2	0	2	11,884	155	2	0	2	11,884	155	2	0	2
		R4	11,224	147	2	0	2	12,180	159	2	0	2	12,180	159	2	0	2
		RFT	11,104	145	2	0	2	12,050	157	2	0	2	12,050	157	2	0	2
P2	106W	R2	14,960	141	3	0	2	16,235	153	3	0	2	16,235	153	3	0	2
		R3	14,663	138	2	0	2	15,912	150	2	0	3	15,912	150	2	0	3
		R4	15,028	141	2	0	2	16,308	153	2	0	3	16,308	153	2	0	3
		RFT	14,868	140	2	0	2	16,134	152	2	0	2	16,134	152	2	0	2
P3	123W	R2	16,993	138	3	0	2	18,441	150	3	0	2	18,441	150	3	0	2
		R3	16,655	136	2	0	3	18,074	147	3	0	3	18,074	147	3	0	3
		R4	17,070	139	2	0	3	18,524	151	3	0	3	18,524	151	3	0	3
		RFT	16,888	138	2	0	3	18,327	149	2	0	3	18,327	149	2	0	3
P4	140W	R2	18,958	136	3	0	2	20,573	147	3	0	2	20,573	147	3	0	2
		R3	18,581	133	3	0	3	20,164	144	3	0	3	20,164	144	3	0	3
		R4	19,044	136	3	0	3	20,667	148	3	0	3	20,667	148	3	0	3
		RFT	18,841	135	2	0	3	20,446	146	3	0	3	20,446	146	3	0	3
P5	156W	R2	20,919	134	3	0	2	22,702	146	3	0	2	22,702	146	3	0	2
		R3	20,503	132	3	0	3	22,250	143	3	0	3	22,250	143	3	0	3
		R4	21,014	135	3	0	3	22,804	147	3	0	4	22,804	147	3	0	4
		RFT	20,790	134	3	0	3	22,561	145	3	0	3	22,561	145	3	0	3
P6	185W	R2	23,725	128	3	0	2	25,746	139	3	0	2	25,746	139	3	0	2
		R3	23,253	126	3	0	4	25,234	136	3	0	4	25,234	136	3	0	4
		R4	23,832	129	3	0	4	25,863	140	3	0	4	25,863	140	3	0	4
		RFT	23,578	127	3	0	3	25,587	138	3	0	4	25,587	138	3	0	4

Electrical Load

Performance Package	System Watts	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	77W	0.635	0.366	0.319	0.280	0.223	0.161
P2	106W	0.889	0.514	0.449	0.395	0.309	0.228
P3	123W	1.014	0.585	0.510	0.447	0.356	0.258
P4	140W	1.159	0.668	0.582	0.509	0.403	0.294
P5	156W	1.296	0.743	0.647	0.564	0.451	0.326
P6	185W	1.512	0.864	0.751	0.655	0.526	0.378

Lumen Multiplier for 80CRI

CCT	Multiplier
30K	0.891
40K	0.906
50K	0.906

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.05
10°C	50°F	1.03
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.98	>0.96	>0.92

© 2019-2022 Acuity Brands Lighting, Inc. All rights reserved.

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

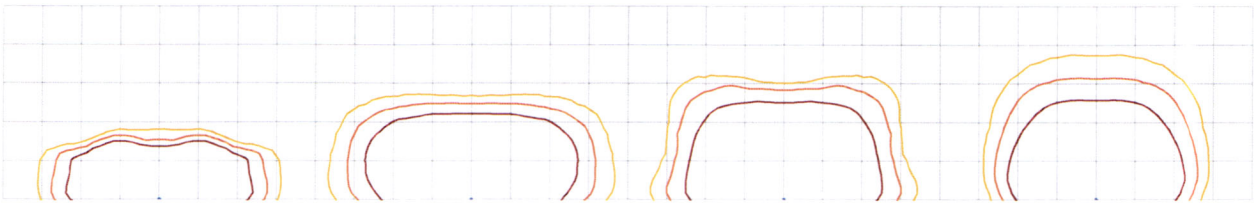
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND

- 0.25 fc
- 0.5 fc
- 1.0 fc

MH = 18ft
Grid = 18ft x 18ft



WDGE4 LED P2 40K 70CRI R2 | WDGE4 LED P2 40K 70CRI R3 | WDGE4 LED P2 40K 70CRI R4 | WDGE4 LED P2 40K 70CRI RFT

Control / Sensor Options

Motion/Ambient Sensor (PIR_, PIRH_)

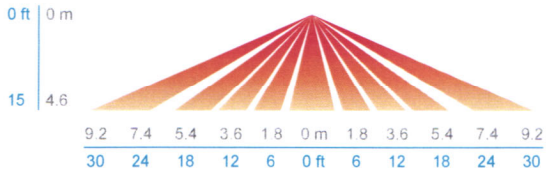
Motion/Ambeint sensor (Sensor Switch MSOD) is integrated into the the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

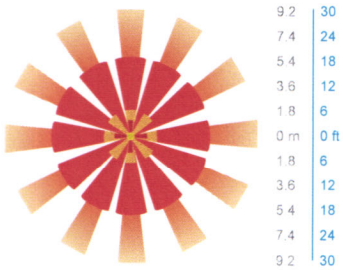
Networked Control (NLTAIR2)

nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY™ Pro) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.

PIR

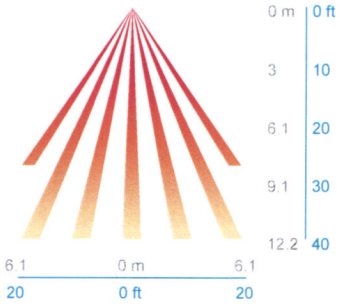
HIGH VIEW



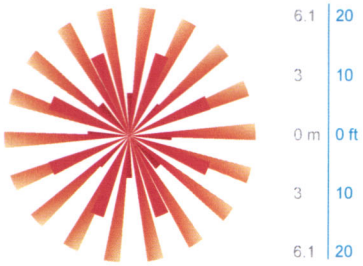


PIRH

SIDE VIEW



TOP VIEW

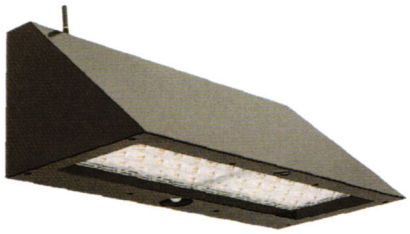


Option	Dim Level	High Level (when triggered	Photocell Operation	Motion Time Delay	Ramp-down Time	Ramp-up Time
PIR or PIRH	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
PIR1FC3V, PIRH1FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 1fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
NLTAIR2 PIR, NLTAIR2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec

© 2019-2022 Acuity Brands Lighting, Inc. All rights reserved.

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

Mounting, Options & Accessories

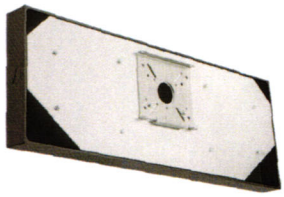


NLTAIR2 PIR – nLight AIR Motion/Ambient Sensor

D = 10"

H = 11"

W = 25"

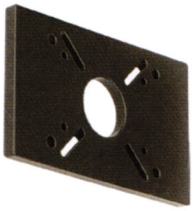


PBBW – Surface-Mounted Back Box
Use when there is no junction box available.

D = 1.75"

H = 9"

W = 25"



AWS – 3/8inch Architectural Wall Spacer

D = 0.38"

H = 4.4"

W = 7.5"

FEATURES & SPECIFICATIONS

INTENDED USE
Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION
The single-piece die-cast aluminum housing to optimize thermal transfer from the light engine and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

FINISH
Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS
Individually formed acrylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. Light engines are available in 3000 K, 4000 K or 5000 K configurations. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL
Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L92/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.

INSTALLATION
A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS
CSA certified to U.S. and Canadian standards. Light engines are IP66 rated; luminaire is IP65 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature and SRM mounting only.

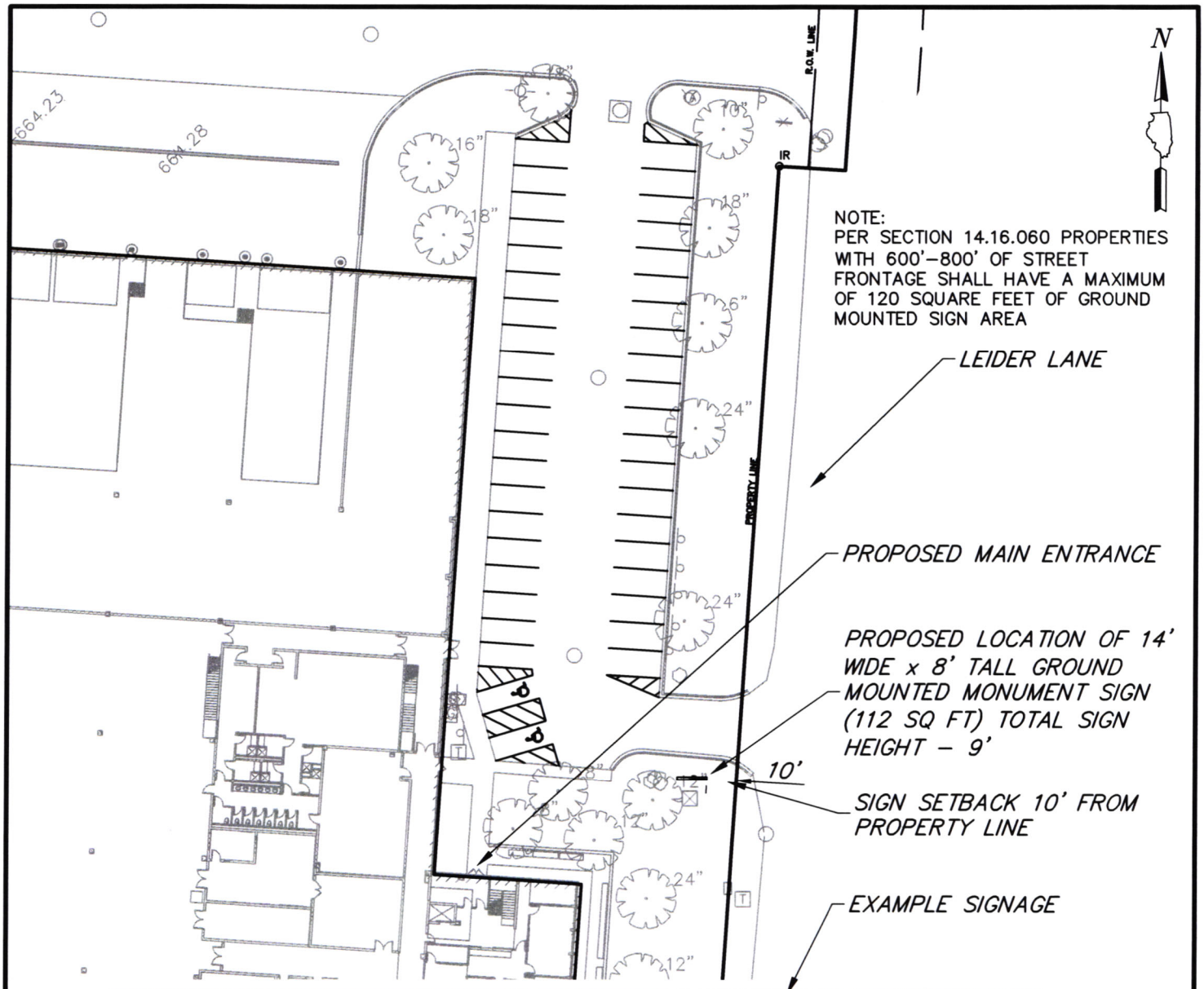
BUY AMERICAN ACT
This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations.
Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

© 2019-2022 Acuity Brands Lighting, Inc. All rights reserved.

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)



GHA GEWALT HAMILTON ASSOCIATES, INC.
625 Forest Edge Drive ▪ Vernon Hills, IL. 60061
TEL 847.478.9700 ▪ FAX 847.478.9701

SIGN EXHIBIT

PUBLIC WORKS FACILITY
BUFFALO GROVE PUBLIC WORKS
BUFFALO GROVE, ILLINOIS

FILE: 5921.001–PR.dwg	
DRAWN BY: BJW	GHA PROJECT #
DATE: 1/10/2023	5921.000
CHECKED BY: BJW	SCALE: NTS

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

VILLAGE OF
BUFFALO GROVE

Engineering Division
Fifty-One Raupp Blvd
Buffalo Grove, IL 60089-2198

Darren T. Monico, P.E.
Village Engineer
Phone 847-459-2523
dmonico@vbg.org

January 10, 2023

Nicole Woods
Director of Community Development
Village of Buffalo Grove

RE: 1650 Leider Lane Text Amendment Application

Dear Ms. Woods,

The Village of Buffalo Grove Public Works Department is requesting a Text Amendment to the Zoning Code that would allow Public Works Facilities as an allowable Special Use.

Currently the Zoning Code allows governmental facilities such as police stations or fire stations as a Special Use, but it does not allow a Public Works facility.

Therefore, we are requesting a Text Amendment to the Zoning Code that would allow Public Works Facilities as an allowable Special Use. The current code language is:

17.48.020.C. Special Uses. The following special uses may be permitted in specific situations in accordance with the procedures outlined in Chapter 17.28 of this Title, as appropriate:

11. Police station or fire station;

We propose that subsection 11 is amended to read:

11. Police station, fire station or public works facilities;

Thank you for your consideration.

Darren Monico, P.E.
Village Engineer
Village of Buffalo Grove

An Internationally Accredited
Public Works Agency
Since 2004

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

VILLAGE OF
BUFFALO GROVE

Engineering Division
Fifty-One Raupp Blvd.
Buffalo Grove, IL 60089-2198

Darren T. Monico, P.E.
Village Engineer
Phone 847-459-2523
dmonico@vbg.org

January 12, 2023

Nicole Woods
Director of Community Development
Village of Buffalo Grove

RE: 1650 Leider Lane Special Use Response Letter

Dear Ms. Woods,

As the Village of Buffalo Grove Public Works Department is requesting a special use for the proposed Public Works facility and outside storage of materials at 1650 Leider Lane, below is our response to the special use criteria.

1. The special use will serve the public convenience at the location of the subject property; or the establishment, maintenance or operation of the special use will not be detrimental to or endanger the public health, safety, morals, comfort, or general welfare.

   Response – The Public Works facility will serve the public convenience and is a benefit to the public health, safety, morals, comfort, and general welfare of the Village. The Public Works Department provides maintenance of the roads and utilities in the Village that affect all residents daily. Allowing outside storage is a critical component of these responsibilities.

2. The location and size of the special use, the nature and intensity of the operation involved in or conducted in connection with said special use, the size of the subject property in relation to such special use, and the location of the site with respect to streets giving access to it shall be such that it will be in harmony with the appropriate, orderly development of the district in which it is located.

   Response – The Public Works Facility at this location is appropriately sized for the building and property, and the nature and intensity of the operations and outside storage is in harmony with the operations of the adjacent properties.

3. The special use will not be injurious to the use and enjoyment of other property in the immediate vicinity of the subject property for the purposes already permitted in such zoning district, nor substantially diminish and impair other property valuations with the neighborhood.

An Internationally Accredited Public Works Agency Since 2004

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

VILLAGE OF
BUFFALO GROVE

Response – The proposed use and location of outside storage will not affect the surrounding properties in a negative manner as the use is appropriate for the industrial district and is similar to surrounding properties. The outside storage will be mostly enclosed, with the open side facing the Public Works building.

4. The nature, location and size of the buildings or structures involved with the establishment of the special use will not impede, substantially hinder or discourage the development and use of adjacent land and buildings in accord with the zoning district within which they lie.

   Response – As this is an existing building, the proposed use of this building and outside storage will not impede or discourage development and use of the adjacent properties as the proposed use is consistent with other properties in the area – many of which also store materials outside. The previous tenant on the site was also granted a special use for outside storage of materials.

5. Adequate utilities, access roads, drainage, and/or other necessary facilities have been or will be provided.

   Response – There are sufficient existing utilities and road access for this facility. No new utilities or roads or access drives are needed for this special use.

6. Parking areas shall be of adequate size for the particular special use, which areas shall be properly located and suitably screened from adjoining residential uses, and the entrance and exit driveways to and from these parking areas shall be designed so as to prevent traffic hazards, eliminate nuisance and minimize traffic congestion in the public streets.

   Response – The parking and driveways will be sufficiently sized for the proposed special use and will be appropriately screened by the existing 10' fence. All surrounding uses are industrial properties with similar or more intensive uses. It is anticipated that truck traffic would be reduced from the previous use of the site.

7. The proposed use will conform to all other applicable regulations of the zoning district, except the variations that are being requested separately.

   Response – The proposed use will still meet the other regulations of the zoning district, except for the few variations that are being requested.

For these reasons, the Public Works Department is requesting that a Special Use be granted to allow a Public Works Facility and outside storage of materials on the property at 1650 Leider Lane. Thank you for your consideration,

Darren Monico, P.E.
Village Engineer

An Internationally Accredited Public Works Agency Since 2004

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

VILLAGE OF
BUFFALO GROVE

Engineering Division
Fifty-One Raupp Blvd.
Buffalo Grove, IL 60089-2198

Darren T. Monico, P.E.
Village Engineer
Phone 847-459-2523
dmonico@vbg.org

January 12, 2023

Nicole Woods
Director of Community Development
Village of Buffalo Grove

RE: 1650 Leider Lane Variation Response Letter

Dear Ms. Woods,

As the Village of Buffalo Grove Public Works Department is requesting three zoning variations for the placement of accessory structures and semi-open storage of materials on the property at 1650 Leider Lane, below is our response to the zoning requirement criteria.

1. The property in question cannot yield a reasonable return if permitted to be used only under the conditions allowed by the regulations of the zoning district in which it is located.

   Response – The location of the salt dome and material storage structures and allowing semi-open storage are critical pieces to allow this building to be an efficient base for the Public Works Department. Without these items the property would provide less efficient and effective Public Works operations that would reduce the service levels to the residents.

2. The plight of the owner is due to unique circumstances.

   Response – The Public Works facility in and of itself is a unique use that requires certain amenities (salt storage dome, outdoor materials storage, etc.). Being that an existing building is being reused for the new facility, there are site constraints that result in the need for the requested variations.

3. The proposed variation will not alter the essential character of the neighborhood.

   Response – The proposed use and operation of the Public Works building is in character with the adjacent properties, and it will not alter the character of the neighborhood. The accessory structures are tucked back to the side and rear of the principal building and the outside storage will be partially screened by the storage structures and with a 10-foot fully enclosed fence.

For these reasons, the Public Works Department is requesting that three Zoning Variations be granted for the property at 1650 Leider Lane. Thank you for your consideration,

Darren Monico, P.E.
Village Engineer

An Internationally Accredited Public Works Agency Since 2004

EXHIBIT C

Minutes from the February 1, 2023, Planning & Zoning Commission Meeting
Public Works Facility
1650 Leider Lane

02/1/2023

MINUTES OF THE REGULAR MEETING OF THE PLANNING AND ZONING COMMISSION OF THE VILLAGE OF BUFFALO GROVE HELD IN THE COUNCIL CHAMBERS, 50 RAUPP BOULEVARD, BUFFALO GROVE, ILLINOIS ON WEDNESDAY, FEBRUARY 1, 2023

Call to Order

The meeting was called to order at 7:30 PM by Chairman Frank Cesario

Public Hearing/Items for Consideration

1. A Public Hearing to Consider a Request to the Village of Buffalo Grove for Approval of a Preliminary Plan to Construct an Off-Street Parking Facility at 901 Corporate Grove Drive. (Trustee Pike) (Staff Contact: Andrew Binder)

A Public Hearing to Consider a Request to the Village of Buffalo Grove for Approval of a Preliminary Plan to Construct an Off-Street Parking Facility at 901 Corporate Grove Drive. (Trustee Pike) (Staff Contact: Andrew Binder)

Binder, Associate Planner, presented the Planning and Zoning Commission with an overview of the petitioners request for approval of a preliminary plan to construct an off-street parking facility at 901 Corporate Grove Drive.

The petitioners were sworn in.

Com. Richards asked staff if there were any variations being requested by the petitioners.

Binder said no.

Chairperson Cesario asked staff if there were any ground water issues with the construction of the off-street parking.

Binder said no.

Com. Worlikar asked the petitioners if there was any proposed lighting for the parking lot.

Gano, petitioner, said there would be sufficient lighting as well as emergency call centers throughout the parking lot for their employees.

Com Worlikar asked if there are any parking restrictions and how they will make sure it is just staff.

Gano said they have their own security.

Com. Au asking if there is clear signage for the parking lot.

Gano spoke to the design of the lot and the additional landscaping and signage.

Com. Au asked if there was a cross walk for the employees to cross the street.

Gano said there will be sidewalks and a cross walk on each side.

Com. Au asked how busy the street is.

Gano said the road they are located on is not a short cut for drivers and is also located in an industrial area that does not see high traffic.

com. Spunt asked about lighting.

Gano said there would be sufficient lighting, comparable and consistent with the other parking lots.

Com. Spunt asked if there had been any complaints.

Gano said they have received no complaints about the lighting.

Com. Weinstein reference a photo including in the staff's presentation and asked if employees are parking on the street.

Gano explained the picture used in staff's presentation was old and was taken during at time when they had an event with approval from the Village to park on the street/

Com. Weinstein asked about the main entrance to the building and how staff who parking in the new lot will navigate to the entrance.

Gano pointed out the different entrances to their building and the parking assignments they are currently working on for their staff that makes sense.

The village staff report was entered as exhibit one.

Gano thanked the Planning and Zoning Commission for their time.

The public hearing was closed at 7:47 PM.

Com. Weinstein made a motion to recommend approval to the Village Board for the Preliminary Plan for an off-street parking facility at 901 Corporate Grove Drive, subject to the following conditions:

1. The proposed development shall be developed in substantial conformance with the plans attached and in accordance with Section 16.20.070 of the Development Ordinance.

2. Any incidental or directional signage for the site will be reviewed and administratively approved by Village staff.

3. The landscaping and parking lot screening shall be maintained by the property owner or tenant in perpetuity.

4. Final Engineering plans shall be revised in a manner acceptable to the Village as required.

Com. Richards seconded the motion.

Chairperson Cesario spoke to the commonality of the parking lot in these zoning areas.

Com. Richards spoke in favor of the motion.

RESULT:	**RECOMMENDATION TO APPROVE [UNANIMOUS]**
	Next: 2/6/2023 7:30 PM
AYES:	Spunt, Cesario, Khan, Weinstein, Au, Richards, Worlikar, Davis
ABSENT:	Adam Moodhe

2. A Public Hearing to Consider Requests for a Text Amendment, Special Use, Preliminary Plan, and Zoning Variations to Allow the Relocation of the Village of Buffalo Grove's Public Works Department to a Facility Located at 1650 Leider Lane, and to Allow Construction of New Accessory Structures on the Property for the Storage of Salt and Other Dry Materials (Trustee Johnson) (Staff Contact: Kelly Purvis)

Purvis, Deputy Community Development Director, presented the Planning and Zoning Commission with an overview of the petitioners request for Text Amendment and a

Special Uses to allow a Public Works Facility on the subject property with outside storage of materials, Preliminary Plan approval, and Variations from the Zoning Code related to the placement of accessory structures on the property and outside storage of materials.

The petitioners were sworn in.

Monico, Buffalo Grove Village Engineer, provided additional information regarding the proposed special uses.

Com. Richards asked about the tenant that is situated to the south of the building, who will be very close in proximity to their operation.

Warnstedt, Buffalo Grove Assistant Public Works Director, said they met with their neighbors to the south to talk about the proposed work and they were receptive to them

Com. Richards asked the petitioner asked about runoff that may come from their site.

Wesolowski, engineer from GHA, spoke to the stormwater plan. He described the roof that will overhang the raw to help mitigate those issues. He explained that the water will be directed away, which will be drained to the storm sewer.

Johnson, Buffalo Grove Assistant Public Works Director, said the public works department also uses inlet filters as a best practice that will catch any debris and dispose of it properly.

Com. Richards asked about the other chemicals and materials that may spill.

Warnstedt provided additional detail on their triple basins and wash stations.

Chairperson Cesario asked if there is any runoff or discharge at their current facility.

Johnson explained their spill protection plan.

Com. Spunt asked if there would be any smell coming from their operation.

Johnson said there is a smell, but as material settles so does the smell. He noted the material and smell is contained and would not be noticable unless very close by.

Com. Spunt asked about the design of the salt done.

Warnstedt reviewed the design of the new salt dome, which is very similar to what they have at their current location.

Com. Spunt asked if there were going to be any charging stations for electric vehicles.

Johnson commented on the charging stations.

Com. Weinstein referenced packet page 28.

Com. Weinstein asked about the boundary between their building and the building right next door.

Monico said there is currently a 10-foot fence, and they will be reducing it to 8 foot fence.

Com. Worlikar asked about the "blue box" shown on the plans as - temporary storage - and the materials for it.

Johnson said it is paved area, but it will be replaced with mountable stone.

Chairperson Cesario asked about parking availability.

Purvis confirmed the parking was adequate.

Chairperson Cesario talked about the permitted use in that district and believed the new public works operation would fit in to the neighborhood.

The public hearing was closed at 8:21 PM.

The Commissioners spoke in favor of the motion.

Com. Weinstein made a motion to recommend approval for the following requests in order to allow the relocation of the Village of Buffalo Grove's Public Works Department to a new facility located at 1650 Leider Lane, and to allow construction of new accessory structures on the property for the storage of salt and other dry materials:

1. A Zoning Code Text Amendment to Section 17.48.020 - Industrial District, to add "Public Works Facility" to the list of Special Uses for the district;

2. A Special Use to allow a Public Works facility in the Industrial District;

3. A Special Use for outside storage of materials;

4. The following Zoning Variations:

a. A Variation from Section 17.32.020 to allow a salt storage dome to be constructed in the rear yard, closer than 3 feet from the interior property line;

b. A Variation from Section 17.32.020 to allow material storage structures to be constructed within the required side yard setback and closer to the street than the midpoint of the principal building;

c. A Variation from Section 17.48.020(C)9 to allow outside storage of materials that will not be fully enclosed; and

d. Preliminary Plan approval;

Subject to the following conditions:

A. The proposed development shall be developed in substantial conformance with the plans attached as part of the petition.

B. The Final Engineering plans shall be submitted in a manner acceptable to the Village.

C. Any directional or incidental signage added to the sign package shall be reviewed administratively by staff.

D. The Special Use is granted to the Village of Buffalo Grove Public Works Department to operate at 1650 Leider Lane, which shall not run with the land.

E. The Special Use granted to the Buffalo Grove Public Works Department is assignable to subsequent petitioners seeking assignment of this special use as follows:

i. Upon application of a petitioner seeking assignment of this Special Use, the Corporate Authorities, in their sole discretion, may refer said application of assignment to the appropriate commission(s) for a public hearing or may hold a public hearing at the Village Board.

ii. Such assignment shall be valid only upon the adoption of a proper, valid, and binding ordinance by the Corporate Authorities granting said assignment, which may be granted or denied for any reason.

Com. Richards seconded the motion.

RESULT:	**RECOMMENDATION TO APPROVE [UNANIMOUS]**
	Next: 2/21/2023 7:30 PM
AYES:	Spunt, Cesario, Khan, Weinstein, Au, Richards, Worlikar, Davis
ABSENT:	Adam Moodhe

Regular Meeting

Other Matters for Discussion

Approval of Minutes

1. Planning and Zoning Commission - Regular Meeting - Dec 7, 2022 7:30 PM

RESULT:	**ACCEPTED [7 TO 0]**
AYES:	Spunt, Cesario, Khan, Weinstein, Richards, Worlikar, Davis
ABSTAIN:	Amy Au
ABSENT:	Adam Moodhe

Chairman's Report

Chairperson Cesario discussed the Village Board meeting he attended.

Committee and Liaison Reports

Staff Report/Future Agenda Schedule

Purvis provided updates on the future meeting schedule.

Public Comments and Questions

Adjournment

The meeting was adjourned at 8:27 PM

Action Items

_____

Kelly Purvis

APPROVED BY ME THIS __1st____ DAY OF __February__, 2023

Attachment: Ordinance 2023-021 (O-2024-16 : Approval of an Amend. Special Use & Prelim Plan & Zoning Variations at 1650 Leider Lane)

Information Item : Community Rating System 2024 Annual Recertification Information

Recommendation of Action

No action necessary, for information only.

SUMMARY: The Village participates in the Community Rating System (CRS) by the National Flood Insurance Program (NFIP). As part of this participation, certain documents are required to be supplied to the community's governing board. These documents will also be made available on the Village website.

ATTACHMENTS:

- Memo - CRS 2023 recert (DOCX)
- Buffalo Grove IL 2024 Recert Packet (complete) (PDF)
- CRS Jan 2024 Recert attachments (PDF)

Trustee Liaison
Stein

Staff Contact
Kyle Johnson, Engineering

Monday, February 5, 2024	

VILLAGE OF
BUFFALO GROVE

MEMORANDUM

DATE: January 22, 2024

TO: Dane Bragg, Village Manager

FROM: Kyle Johnson, Deputy Public Works Director/Village Engineer

SUBJECT: CRS Annual Recertification

As of October 2021, the Village participates in the Community Rating System (CRS) by the National Flood Insurance Program (NFIP). As part of this participation, certain documents are required to be supplied to the community's governing board. These documents are listed below and will also be made available on the Village flood information web page as part of the requirements of the program. There is no action that needs to be taken by the Board at this time.

Documents required by the NFIP as part of the Community Rating System:

- FEMA form CC-213 Recertification Packet
- Flood Readiness Information Letter sent to 22 homes in the area of repetitive loss property
- CRS Activity 510 - Annual Progress Report on Implementation of Credited Plan
- Revisions to the Village's floodplain and stormwater management development provisions adopted in 2023 (summary of changes and full text amendments)

Attachment: Memo - CRS 2023 recert (2024-4 : CRS 2024 Annual Recertification)

DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency

CRS COMMUNITY CERTIFICATIONS

OMB Control Number: 1660-0
Expiration: 10/31/2

Community Buffalo Grove, Village of State IL CID 170068
(6-digit NFIP Community Identification Number)

Note: Please cross out any incorrect items, below, as needed, and insert the updated information.

CC-213 Recertification

Recertification due date 2/1/2024

	Chief Executive Officer	CRS Coordinator
Name	Dane Bragg	Kyle Johnson, PE
Title	Village Manager	Village Enginee
Address	50 Raupp Blvd Buffalo Grove, IL 60089	51 Raupp Blvd Buffalo Grove, IL 60089
Phone number	847-459-2500	(847) 459-2523
E-mail address	dbragg@vbg.org	kjohnson@vbg.org

I hereby certify that Village of Buffalo Grove [community name] is implementing the following activities on the attache pages as credited under the Community Rating System and described in our original application to the CRS and subsequent modifications.

I hereby certify that, to the best of my knowledge and belief, we are in full compliance with the minimum requirements of the NFIP and v understand that we must remain in full compliance with the minimum requirements of the NFIP. We understand that at any time we are not be in full compliance, we will retrograde to a CRS Class 10.

I hereby certify that we will continue to maintain FEMA Elevation Certificates on all new buildings and substantial improvements constructed the Special Flood Hazard Area following the date at which we joined the CRS.

I hereby certify that if there are one or more repetitive loss properties in our community that we must take certain actions that inclu reviewing and updating the list of repetitive loss properties, mapping repetitive loss areas, describing the cause of the losses, and sending outreach project to those areas each year, and if we have fifty (50) or more unmitigated repetitive loss properties we must earn credit unc Activity 510 (Floodplain Management Planning) for either a repetitive loss area analysis (RLAA) or a floodplain management plan (FMP).

I hereby certify that, to the best of my knowledge and belief, we are maintaining in force flood insurance policies for insurable buildings own by us and located in the Special Flood Hazard Area (SFHA) shown on our Flood Insurance Rate Map. I further understand that disas assistance for any community-owned building located in the SFHA is reduced by the amount of National Flood Insurance Program (NFI flood insurance coverage (structure and contents) that a community should be carrying on the building, regardless of whether the commun is carrying a policy.

Signature Dane C. Bragg Digitally signed by Dane C. Bragg Date: 2024.01.19 13:16:11 -06'00' (Chief Executive Officer)

Date 01/19/2024

[continued on next page]

Attachment: Buffalo Grove IL 2024 Recert Packet (complete) (2024-4 : CRS 2024 Annual Recertification)

Community Buffalo Grove, Village of State IL CID 170068
(6-digit NFIP Community Identification Number)

CRS Program Data Table	A. In the SFHA	B. In a regulated floodplain outside the SFHA	C. In the rest of the community
1. Last report's number of buildings in the SFHA (bSF) (line 6, last report)	90		
2. Number of new buildings constructed since last report	+ 0		
3. Number of buildings removed/demolished since last report	- 0		
4. Number of buildings affected by map revisions since last report (+ or -)	0		
5. Number of buildings affected by corporate limits changes (+ or -)	0	0	
6. Current total number of buildings in the SFHA (bSF) (total lines 1-5)	90		
7. Number of substantial improvement/damage projects since last report	0		
8. Number of repetitive loss properties mitigated since last report	0		
9. Number of LOMRs and map revisions (not LOMAs) since last report	0		
10. Acreage of the SFHA (aSFHA) as of the last report (line 13, last report)	456.4		
11. Acreage of area(s) affected by map revisions since last report (+ or -)	0		
12. Acreage of area(s) affected by corporate limits changes (+ or -)	0		
13. Current acreage of the SFHA (total lines 10−12)	456.4		
14. Primary source for building data:	GIS - ESRI - arcGIS - Building & Zoning Database & archival data		
15. Primary source for area data:	GIS - ESRI - arcGIS		
16. Period covered: January 1, 2023 to December 31, 2023	Current FIRM date	September 18, 2013	
If available, the following data would be useful:			
17. Number of new manufactured homes installed since last report	0	0	0
18. Number of other new 1 -4 family buildings constructed since last report	0		
19. Number of all other buildings constructed/installed since last report	0		

Comments:
(Please note the number of the line to which the comment refers.)

CC-213-2

[continued on next page]

Attachment: Buffalo Grove IL 2024 Recert Packet (complete) (2024-4 : CRS 2024 Annual Recertification)

Community Buffalo Grove, Village of State IL CID 170068
(6-digit NFIP Community Identification Number)

Instructions

At the first verification visit after the effective date of the 2013 *CRS Coordinator's Manual*, ONLY LINES 6 AND 13 NEED TO BE COMPLETED. These lines form the baseline data about the number of buildings and area of the SFHA for when the table is completed as part of the next annual recertification. The "period covered" entered in line 16 is the date that lines 6 and 13 are first completed.
At all subsequent annual recertifications and cycle verification visits, the entire table is completed. The information in lines 6 and 13 from the last report is transferred to lines 1 and 10 in the next report.

Instructions for the Columns

Column A numbers are for the SFHA (the A and V Zones shown on the Flood Insurance Rate Map) (FIRM)). Use the FIRM currently in effec not a draft or pending revision.
Column B is completed only if the community receives CRS credit for regulating floodplain development outside the SFHA under Activity 41((Floodplain Mapping) or Activity 430 (Higher Regulatory Standards).
Column C numbers help relate what happens in the floodplain to what is happening in the rest of the community.
Enter "0" if there are no numbers to report for this period. Do not leave a cell blank. Do not fill in the shaded boxes.

Instructions for the Lines

Lines 1-7 deal with buildings.

- Section 301.a of the *CRS Coordinator's Manual* defines what constitutes a "building" and lists examples of structures that are not counted as "buildings" by the CRS.
- Section 302.a of the *CRS Coordinator's Manual* describes how the CRS counts buildings. For example, accessory structures are not counted.
- As noted in Section 302.a, to determine building counts, communities may use any method that yields reasonably good estimates of the number of buildings. Examples of acceptable methods are listed in Section 302.a. Precision is less important for large numbers. For example, the impact of the numbers will not change much if there are 10,000 buildings or 10,100 buildings.
- If a building is out of the SFHA, but in a parcel that is partly in the SFHA, it is not counted in column A --In the SFHA.
- In line 14, note how the building counts were obtained or estimated. Use the comments area, if needed.

Line 4 refers to map revisions. These include physical map revisions, Letters of Map Revision (LOMR), and Letters of Map Amendment (LOMA). If a building is removed from the SFHA by FEMA through a LOMA, but the community still administers its floodplain management regulations on the property, the building should not be included in the line 4 count in column A --In the SFHA. However, communities that sti regulate areas removed by LOMAs can receive credit under Activities 410 or 430. If the community is receiving such credit, the building should be counted under column B --In a regulated floodplain outside the SFHA.

Line 7 is for the total number of buildings that were substantially improved plus the number of buildings that were substantially damaged during the period covered.

Lines 10 -13 deal with areas.

- These areas are based on the areas shown on the community's FIRM including LOMRs or LOMAs. Section 403.b discusses those portions of the SFHA that are subtracted from the area of the SFHA to calculate the community's aSFHA used in credit calculations.
- Section 403.e of the *CRS Coordinator's Manual* discusses calculating areas for CRS purposes.
- Section 403.e notes that communities “should not spend an inordinate amount of time measuring areas.” As with buildings, communities may use any method that yields reasonably good estimates. Examples of acceptable approaches are listed in Section 403.
- Line 13 asks for the current acreage of the SFHA. The best source for this number is a GIS layer that shows the SFHA. If the community does not have GIS, the county, regional agency, or state NFIP mapping office may have SFHA layers and may be able to provide the data. If the community has a relatively recent FIRM, the study contractor or consulting engineer may have the data.
- In line 15, note how the area calculations were obtained or estimated. Use the comments area, if needed.

Lines 17 -19 are voluntary, if the numbers are readily available.

- Line 17 includes replacing an existing manufactured home with a new one. The newly placed manufactured home is counted as a ne post-FIRM, building.
- The total of lines 17 -19 should equal the value entered in line 2.

Attachment: Buffalo Grove IL 2024 Recert Packet (complete) (2024-4 : CRS 2024 Annual Recertification)

Community Buffalo Grove, Village of State IL CID 170068
County Cook, Lake

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

Your community has been verified as receiving CRS credit for the following Activities.

- If your community is still implementing these activities the CRS coordinator is required to put his or her initials in the blank (do not use a checkmark or an "X") and **attach** the appropriate items. A blank with no initials indicates you are not implementing that Activity anymore, and will result in loss of points (and possible CRS Class).
- If the word "**attached**" is used you must provide the requested documentation for that Activity. If no documentation has been acquired for that Activity, please explain why there is no documentation from the past year.

KS 310 EC: We are maintaining Elevation Certificates, Floodproofing Certificates, Basement Floodproofing Certificates, V Zone design certificates and engineered opening certificates on all new construction and substantially improved buildings in our Special Flood Hazard Area (SFHA) and make copies of all Certificates available at our present office location. *[KS] Initial here is you have had no new construction or substantial improvement in the SFHA in the last year.*

KS 310 EC: **Attached is the permit list for only new or substantially improved structures in the SFHA that have been completed in the last year.** We have permitted 0 new building and substantial improvements in the SFHA during this reporting period.

KS 310 EC: **Attached are all the Certificates for new or substantially improved structures that have been completed during this reporting period that are included on the above permit list.** (Note: The total number of Elevation and Floodproofing certificates should match the number of permits issued and completed within the reporting period defined above. All permits issued for new construction or substantial improvement within the V zone should have both an Elevation Certificate and a V Zone Certificate, and all buildings with basements within the basement exemption communities should have both an Elevation Certificate and a Basement Floodproofing Certificate).

KS 330 OP: We continue to conduct or provide all credited outreach projects.

KS 340 ODR: People looking to purchase flood prone property are being advised of the flood hazard through our credited hazard disclosure measures.

KS 350 LIB/LPD: Our public library continues to maintain flood protection materials.

KS 410 MAP: We continue to use our additional regulatory flood data before a new development can proceed in our floodplain.

Attachment: Buffalo Grove IL 2024 Recert Packet (complete) (2024-4 : CRS 2024 Annual Recertification)

Community Buffalo Grove, Village of State IL CID 170068
County Cook, Lake

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

KJ 420 OSP: We continue to preserve our open space in the floodplain.

KJ 430: We continue to enforce the floodplain management provisions of our zoning, subdivision and building code ordinances for which we are receiving credit. *[KJ] Initial here if you have amended your floodplain regulations.* ***Attach a copy of the amended regulations, provide a summary of the changes and mark up the regulations indicating what's been changed.***

KJ 430 RA: We continue to enforce our procedures for administering our floodplain management regulations. If applicable, we also continue to employ CFMs and staff who took credited training courses. We currently have 1 CFMs on staff.

KJ 440 AMD: We continue to use and update our flood data maintenance system on an annual basis as needed.

KJ 450 SMR: We continue to enforce the stormwater management and low impact development provisions of our zoning, subdivision and building code ordinances for new developments in the watershed. *[---] Initial here if you have amended your stormwater management regulations that will impact your CRS program.* ***Attach a copy of the amended regulations, provide a summary of the changes and mark up the regulations indicating what's been changed.***

KJ 450 ESC/WQ: We continue to enforce the provisions of our zoning, subdivision and building codes as they pertain to erosion and sediment control and water quality.

KJ 502 RL: We currently have 1 repetitive loss properties and send our notice to 22 properties in the repetitive loss areas.

KJ 502 RL: **Attached is a copy of this year's notice on property protection, flood insurance and financial assistance that we sent to our repetitive loss areas.**

KJ 510 FMP: **Attached is a copy of our floodplain management plan's annual progress report for the action items contained in the plan.** We have included a progress report template for you to use (in the email notification) if you don't have one of your own.

KJ 510 FMP: We have provided copies of this progress report to our governing board and local media.

Attachment: Buffalo Grove IL 2024 Recert Packet (complete) (2024-4 : CRS 2024 Annual Recertification)

Community Buffalo Grove, Village of State IL CID 170068

County Cook, Lake

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

Additional Comments:

See attached "CRS Activity 510 Annual Progress Report on Implementation of Credited Plan" for details on release of this report to the Village's governing board and the public.

Attachments:

1) Per 502 RL: attached is a copy of this year's targeted flood readiness information letter as sent out to 22 properties in the vicinity of the community's one known repetitive loss property.

2) Per 510 FMP: attached is a copy of CRS Activity 510 Annual Progress Report on Implementation of Credited Plan.

3) Per 430 & 450 SMR: attached summarizes the changes to the Village of Buffalo Grove's floodplain and stormwater management development provisions during the 2023 reporting year. Also attached are the specific "red line" amendments to said code.
NOTE for 450 SMR: revisions to the stormwater management development provisions DO NOT affect our current CRS program.

Attachment: Buffalo Grove IL 2024 Recert Packet (complete) (2024-4 : CRS 2024 Annual Recertification)

Attachment

Flood Readiness Information Letter

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

VILLAGE OF BUFFALO GROVE

Public Works Department
Fifty One Raupp Blvd.
Buffalo Grove, IL 60089-2198
Fax 847-537-5845

Andrea Larson
Civil Engineer
Phone 847-808-2643
alarson@vbg.org

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

September 8, 2023

Dear Buffalo Grove Resident:

The Village of Buffalo Grove has recently entered the Community Rating System (CRS) with the Federal Emergency Management Association (FEMA). As part of the CRS, the Village mails an annual letter to flood prone areas encompassing properties that may have received flood damage more than once. The following are some things you can do to protect yourself and your neighborhood from flood damage:

1. Prepare for flooding by doing the following:
   - Create a communication plan with your family and friends. Make a list of emergency numbers and identify a safe place to go to.
   - Assemble an emergency kit including food, water, and medicine to last at least three days.
   - Collect and put cleaning supplies, camera, waterproof boots, etc. in a handy place.
   - Know how to shut off the electricity and gas to your house when a flood comes.
   - Make a household inventory, especially of basement contents.
   - Put insurance policies, valuable papers, medicine, etc. in a safe place.
   - Develop a disaster response plan – See the Red Cross' website for a copy of the brochure "Your Family Disaster Plan": www.redcross.org/services/disaster/
   - Get a copy of *Repairing Your Flooded Home* from the Red Cross' website, too.

2. Consider some permanent flood protection measures.
   - Mark your fuse or breaker box to show the circuits to the floodable areas. Turning off the power to the basement can reduce property damage and save lives.
   - Consider elevating or flood-proofing your house or important mechanical/electrical systems above flood levels.
   - Check your building for water entry points. These can be basement windows, the basement stairwell, doors, and dryer vents. These can be protected with low walls or temporary shields.
   - Install a floor drain plug, standpipe, overhead sewer, or sewer backup valve to prevent sewer backup flooding.
   - More information can be found in *Homeowner's Guide to Retrofitting: Six Ways to Protect Your House from Flooding* at www.fema.gov/sites/default/files/2020-08/FEMA_P-312.pdf
   - Note that some flood protection measures may need a building permit and others may not be safe for your type of building, so be sure to talk to the Building Department.

3. Know your flood risk for your home and property
   - Go to https://msc.fema.gov/portal/home or talk to the Engineering Division to help determine the flood risks for your home and property. Just because your property was not in a Special Flood Hazard Area previously, does not mean that is still true! FEMA updates their maps occasionally and this may change your home's status.
   - There are Federal Programs for pre and post flood mitigation programs and for severe repetitive loss properties. Contact us at (847) 459-2523 for more information.
   - Get a flood insurance policy – it will help pay for repairs after a flood and, in some cases, it will help pay the costs of elevating or flood-proofing a substantially damaged building.

4. Get a flood insurance policy.
   - Homeowner's insurance policies do not cover damage from floods. However, because the Village participates in the National Flood Insurance Program, you can purchase a separate flood insurance policy. This insurance is backed by the Federal government and is available to everyone, even properties that have been flooded. Because the Village participates in the Community Rating System, you will receive a reduction in the insurance premium.
   - Some people have purchased flood insurance because it was required by the bank when they got a mortgage or home improvement loan. Typically these policies just cover the building's structure and not the contents. There is often more damage to the furniture and contents than there is to the structure. Be sure you have contents coverage.
   - Don't wait for the next flood to buy insurance protection. In most cases, there is a 30-day waiting period before National Flood Insurance Program coverage takes effect.
   - Contact your insurance agent for more information on rates and coverage.

For more information regarding important Buffalo Grove flood information, or if you have any questions, comments or concerns regarding your property or any of the aforementioned information, please do not hesitate to contact me.

Sincerely,

Andrea Larson
Civil Engineer I
Village of Buffalo Grove
Public Works Department

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

Attachment

CRS Activity 510 – Annual Progress Report on Implementation of Credited Plan

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

CRS Activity 510
Annual Progress Report on Implementation of Credited Plan

Which Plan is this for (use separate templates for each credited Plan):

- ☒ **Floodplain Management Plan (Hazard Mitigation Plan)**
- ☐ **Repetitive Loss Area Analysis**
- ☐ **Floodplain Species Plan**
- ☐ **Substantial Damage Plan**

Name of Community:
Village of Buffalo Grove

Date this Annual Progress Report was prepared (not the date of adoption of the credited Plan): January 16, 2023

Name of Plan: Lake County All Natural Hazards Mitigation Plan (LC ANHMP)

Date of Adoption of Plan: June 19, 2023

5 Year CRS Expiration Date: (for credited Plan) July 5, 2028

1. ***How can a copy of the credited Plan be obtained:***

   A copy of the Plan is available online at
   https://www.lakecountyil.gov/DocumentCenter/View/52360/ANHMP-2022-FINAL-PLAN?bidId=

2. ***Describe how this annual progress report (not the credited Plan) was prepared and how it was submitted to the governing body, released to the media, and made available to the public:***

   The progress made on the All-Natural Hazards Mitigation Plan was reviewed and summarized in December as requested by Lake County. Public Works Engineering staff gather input based on the Village's Action Items contained in the credited Plan. Key staff from both Police and Fire Departments provide additional information with the CRS Coordinator having final review and assessment of the overall status of the natural hazards mitigation efforts.

   Once completed, this progress report, along with the entire CRS annual recertification submittal materials, is included as an informational packet to the Village's governing Board and is posted publicly on the Village's Flood Information web page.

   In 2023, the progress report was included as part of the Board's agenda packet for their February 21, 2023 Regular Meeting and it is anticipated to be included in the Board's agenda packet for an upcoming February meeting this year as well. Materials are available via the Village's website once the Board has had the opportunity to review the plan.

   (cont.)

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

The Village maintains a Flood Information page (*https://www.vbg.org/resident_services/resident_resources/flood_information.php*) where this progress report and additional documents and information on the NFIP are maintained. Additional attention is provided via the Village's digital outreach on various social media sites throughout the year as part of our 330 OP activities.

3. *Provide a description of the implementation of each recommendation or action item in the action plan or area analysis report, including a statement on how the project was implemented or not implemented during the previous year:*

The following are supplied Action Items as adopted by the Village of Buffalo Grove and their current status for the 2023 calendar year;

Action Item 1: Plan Adoption Completed June 19, 2023

Action Item 2: Participation on the Hazard Mitigation Planning Committee and Plan Monitoring and Maintenance

EMA participates in the LEPC, which is working on the Lake County Hazardous Materials plan update. Additionally, staff attended the annual LC ANHMP meeting on 11/15/2023.

Action Item 3: Incorporate ANHMP into Other County and Municipal Plans

The Village continues to utilize the ANHMP when updating our own emergency plans.

Action Item 4: Continued Implementation of the WDO and NFIP Requirements.

The Village continues to implement requirements of the WDO and NFIP as required. In September, the Village's governing board re-adopted the updated Lake County Watershed Development Ordinance which Village staff utilize as requirements for stormwater and floodplain development.

Action Item 5: Improve Natural Hazards Public Information Efforts with focus on the Promotion of Flood Insurance and How People Can Protect Themselves and Their Property:

The Village continually improves communications outreach to the community.

Action Item 6: Identify Needs and Obtain Alternate Power Sources for Critical Facilities and Shelters

Ongoing – no update. All Fire Stations, Police, Village Hall, water stations, lift stations and Public Works have alternative power backups. The Village has also taken on three traffic signals with uninterruptable power supply back-up.

Action Item 7: Review of Critical Facilities and Implement of Appropriate Mitigation Measures

Ongoing - Critical facilities are assessed during regular maintenance cycles. The Police Department maintains a list of critical infrastructure in Appendix A of General Order O-05 (updated 8/1/2023) and in the Village's EOP, updated in 2023. An annual review of these plans are completed by various department staff.

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

Action Item 8: Improve Capacity of Drainage Systems and/or Provide Additional Storage of Flood Waters

Village staff is continually reviewing opportunities (grants, developments, construction projects) to improve the drainage systems and mitigate flood-prone properties in the Village. In 2023, progress was made in multiple projects involving capacity and conveyance improvements including grant submittals, engineering for the Northwood Subdivision utility improvements (conveyance and capacity to mitigate flooded streets and structures) and kickoff of the Bordeaux Open Space Wetland Improvements.

Action Item 9: Implement Maintenance Programs for Drainage Systems, Including Streambank and Ravine Stabilization Efforts

We have an annual maintenance program for streambanks (there are no ravines in Buffalo Grove) including visual inspection by Sewer and Drainage staff and Forestry staff as appropriate. Larger-scale projects submitted for funding opportunities (Arboretum Shoreline stabilization submitted to DPRW Workgroup)

Action Item 10: Implement Property Protection Projects for Flood Mitigation

Staff is aware of the need to mitigate flood risks with at-risk properties and is constantly reviewing opportunities to reduce this risk. This year, staff applied for over $3 M in grant funding in 2023 for flood mitigation and green infrastructure/drainage improvement projects and studies. Staff also began the initial stages of the property acquisition process to determine options for removing flood-prone homes from the floodway.

Action Item 12: Identify Wind Mitigation Opportunities for the Protection of Buildings, and to Provide Safe Rooms and Sheltering

Ongoing – no update. 15 facilities listed in GO O-5 directive for public sheltering. Part of the EMA public education includes safe shelter identification.

Action Item 14: Continue Work for NIMS Compliance

Ongoing – no update. The Village of Buffalo Grove is currently NIMS compliant. Last refiling was completed by staff on November 15, 2022.

Action Item 16: Seek Mitigation Grant Funding for Additional Mitigation Planning and Cost Beneficial Projects

IEMA accepted pre-application for BRIC funding. The Village submitted an IEMA sub-application for BRIC funding for C&CB activities: Engineering for the Farrington Ditch Confluence relocation project. This included an initial ~$200,000 in funding for initial engineering studies in 2023 and $850,000 request for BRIC C&CB funding via subapplication submittal to IEMA.

Action Item 17: Continue Participation or Consider Participation in StormReady.

Ongoing - EMA just Recertified the Village in October 2023 as a Storm Ready Community. EMA has a representative as a Storm Ready Ambassador. The CERT Team also has at least 10 Storm Spotters.

Action Item 18: Improve Emergency Response and Develop Assessment Teams

Ongoing – no update. The Village has Emergency Response Teams and Assessment Teams.

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

Action Item 19: Enhance Response and Recovery Information Sharing and Collaboration and Identify Additional Training Opportunities

Response staff from multiple departments completed various NIMS training modules applicable to their response needs. Applicable staff train in EOC Interface G191 and G2300 and attend a multi-day Enhanced All-Hazards Incident Management/Unified Command training by FEMA.

Action Item 24. Develop or Enhance the Community's Snow Removal Plan

The Village reviews snow removal resources annually and updates the Snow and Ice plan accordingly. Snow and Ice plan was most recently updated in October, 2023. Winter event responses are tracked in real time and responses are reviewed after each event.

Action Item 25. Utility Tree Trimming

As of December, 2023, the Village has no less than seven certified arborists on staff to help plan for, direct, and perform tree trimming operations as needed. The Forestry staff recently completed an entire tree trimming cycle of the Village (5.5-yr cycle). The Urban Forestry Management Plan was last updated in December, 2022 with further updates planned for 2024.

Action Item 26. Sump Pump Disconnects

Ongoing – no update. It is illegal in the Village to connect a sump pump to a sanitary sewer. Additionally, the Village provides alternative “greener” options for residents with sump pumps connected to hard runoff surfaces.

Action Item 27. Conduct Local Drainage Studies

The Village conducts periodic drainage studies and updates prior studies with new information/ conditions as necessary. In 2023, the Village initiated the Buffalo Creek Study with the adjacent Village of Wheeling in order to explore mitigation opportunities for the #1 source of flooding within the community of Buffalo Grove.

Action Item 28. Increase Stormwater Detention Capacity

Ongoing - Village staff are always looking for opportunities to improve stormwater detention capacity. In 2023, the Village initiated engineering for the Northwood subdivision improvements which includes improvements to regional stormwater capacity.

Action Item 29. Investigate Countywide Warning System

The Village is currently part of the Northwest Central Joint Emergency Management System.

Authorized staff can initiate, record, and send a village-wide Everbridge notification for various threats. Additional, more targeted measures are currently being investigated locally to better inform our residents and businesses of potential hazards and developing issues affecting their properties.

Action Item 61.A. Improve Northwood Subdivision Stormwater Transmission and Storage

Portions of the project are in Design Engineering. Construction is still dependent on funding.

Action Item 61.B. Stabilize & Enhance Arboretum Club Shoreline

Projects submitted to the Des Plaines River Watershed Workgroup to expand funding opportunities. Projects will progress as Village resources allow.

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

Action Item 61.C. Emergency Operations Center Communications Equipment

Project included for Community Project Funding requests for the IL Tenth Representative District. Project will progress as Village resources allow.

Action Item 61.D. Enhanced Emergency Communications Program

Minor progress – project progresses as Village resources allow.

4. *Discuss why any objectives were not reached or why implementation is behind schedule:*

Generally, no there are no objectives not reached or tardy with implementation. Many of the goals are ongoing and/or awaiting the right opportunity to really see hazard mitigation benefits realized. These items are continually being closely monitored to ensure the Village can take advantage of opportunities as they arise.

5. *What are the recommendations for new projects or revised recommendations?*

The Village of Buffalo Grove, along with other municipalities within Lake County, is in the process of working with Lake County to review and improve the ANHMP. Staff will be sharing experiences and ideas with other municipalities and experts in the field of natural hazard mitigation planning and look forward to implementing necessary items.

The Draft version of the LC ANHMP was not available at the time of this report preparation but is anticipated in early 2023.

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

Attachment

Revisions to floodplain and stormwater management development provisions adopted in 2023

- Summary of changes
- Full text amendments

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

Lake County Watershed Development Ordinance summary of revisions as adopted by the Village of Buffalo Grove on September 18, 2023:

The following two pages summarize changes made to the floodplain and stormwater management provisions effective and enforced for developments in Lake County as they apply to the incorporated limits of the Village of Buffalo Grove. Additional changes in various sections including revisions to titles, organization names, and minor grammatical or syntax errors are not summarized herein but which are included in the attached list of WDO Amendments (full text follows first two summary pages).

§ 404.02.I: Asbuilt Lowest Structural Member: Comply with FEMA Coastal High Hazard Area Regulations.

§ 700: BFE projection not for CHHA: Comply with FEMA Coastal High Hazard Area Regulations

§ 700.02.D.2: Flood of Record plus 3 feet: Comply with FEMA Regulations.

§ 700.02.E: Lake Michigan BFE: Comply with FEMA Coastal High Hazard Area Regulations.

§ 700.03: Mapped CHHA: Comply with FEMA Coastal High Hazard Area Regulations.

§ 706: Building Protection Requirement for areas outside of the CHHA: Comply with FEMA Coastal High Hazard Area Regulations.

§ 708: Building Protection Requirements for CHHA: Comply with FEMA Coastal High Hazard Area Regulations and reduce required freeboard in the section from 2' to 1'.

§ Appendix A: CHHA Definitions: Comply with FEMA Coastal High Hazard Area Regulations

§ 704: Compensatory Storage: To clarify that there is not a requirement to provide Compensatory Storage within CHHA

Appendix N: WDO Mitigation Requirements and Guidelines for Isolated Waters of Lake County Impacts: The Soil Conservation Service (SCS) agency name was changed to Natural Resource Conservation Service (NRCS). This amendment reflects agency's current name.

Appendix N: WDO Mitigation Requirements and Guidelines for Isolated Waters of Lake County Impacts: The Soil Conservation Service (SCS) agency name was changed to Natural Resource Conservation Service (NRCS). This amendment reflects agency's current name.

Appendix N: WDO Mitigation Requirements and Guidelines for Isolated Waters of Lake County Impacts: Correct editorial error – the complete text of Section d. was inadvertently truncated, creating a section e. Remove e. and correct such that all text now under d.

Appendix N: WDO Mitigation Requirements and Guidelines for Isolated Waters of Lake County Impacts: Bring wetland mitigation performance criterion into consistency with USACE's standard for final vegetative coverage approval (2017).

§ Appendix A: Definition of Isolated Waters of Lake County – Section B.: Remove confusion over constructed stormwater management features that meet the HQAR criteria in WDO Appendix L.

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

§1002 Isolated Waters of Lake County Exclusions: Provide documentation for SMC's permit files to remove uncertainty as to which IWLC on a development site are excluded and which remain subject to WDO regulation. SMC regulatory staff need this documentation for IWLC impact reviews.

Appendix M, SMC-Approved Wetland Mitigation Banking Requirements: Change to be like the Corps' standard for this metric, but with SMC-added caveats on maximum percentage allowance for native annual and biannual species to make up balance and such species must be FAC or wetter.

Appendix N: WDO Mitigation Requirements and Guidelines for Isolated Waters of Lake County Impacts: Add negative "-" symbol before OBL and FACW categories (not: this was an oversight in the previous WDO). This numeric system is included in the Army Corps-Chicago Region's Floristic Quality Assessment calculator tool (2017) to determine the mean W of a wetland plant community.

Appendix E: Enforcement Officer Duties: To be consist with Section 201.01.E of the WDO.

Appendix A: Definitions: Update EO recertification requirement to be consistent with community recertification.

§ 702.04: Regulatory Floodplain Performance Standards: Remove LOMR requirement for changes in the mapped Regulatory Floodplain along with removing "on a site" given it does not add value to this section.

§ 706.04: Building Protection: Update regulations and values on accessory structures. Increased value by an additional 4.2% due to size increase 600 sf vs 576 sf.

§ 901.04 Building Protection Requirements: To provide consistency with other accessory structure regulations

§ 1101: Inspections: Include minimum DECI inspection documentation including photos. Note that §1101.01 references to §1102.02 will be updated to reflect the removal of sub-items B – E.

§ Appendix C: FEMA Flood Insurance Study Maps and Profiles (no FIRMS were updated which directly impact the community of Buffalo Grove.)

§ Appendix I: Rainfall Depth Duration Frequency Tables for Lake County: Revise the 10-minute duration from the December 2019 to the March 2020 ISWS study.

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

WDO Amendment #1a
§ 404.02.I: Asbuilt Lowest Structural Member

I. **Elevation of the bottom of the lowest horizontal structural member of the lowest floor, and whether the structure has a basement, for structures located in a coastal high hazard area.**

Purpose: Comply with FEMA Coastal High Hazard Area Regulations.

TAC Vote: 03/16/2023: Approved 9-0-1

WDO Amendment #1b
§ 505.09.D: may vs shall

D. Boat docks, boathouses, and piers ~~shall~~ **may** be allowed and the provisions of 505.09B shall apply.

Purpose: Correct grammatical error.

TAC Vote: 03/16/2023: Approved 9-0-1

WDO Amendment #1c
§ 700: BFE projection not for CHHA

§700.01 The Regulatory Floodplain is delineated within a development by projecting the base flood elevation (BFE) onto the site topography**, unless the area is shown to be within a coastal high hazard area.**

§700.02 The BFE shall be as delineated by the 100-year flood profiles, as indicated on the floodplain studies noted in 700.02A through 700.02**E**~~D~~: …

Purpose: Comply with FEMA Coastal High Hazard Area Regulations.

TAC Vote: 03/16/2023: Approved 9-0-1

WDO Amendment #1d
§ 700.02.D.2: Flood of Record plus 3 feet

2. For a non-riverine Regulatory Floodplain, the historic flood of record (as determined by the Enforcement Officer according to 700.02D) plus three (3) feet may be used for the BFE instead of performing a detailed hydrologic and hydraulic study. **This BFE option cannot be used within a FEMA mapped SFHA for proposed development greater than 50 lots or 5 acres.**

Purpose: Comply with FEMA Regulations.

TAC Vote: 03/16/2023: Approved 9-0-1

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

WDO Amendment #1e
§ 700.02.E: Lake Michigan BFE

E. **The base flood elevation for a Regulatory Floodplain subject to flooding effects from Lake Michigan shall be the elevation (or in zone AO, the depth) identified on the FIRM for the site, or the 1% annual chance still water elevation of Lake Michigan identified in the Flood Insurance Study, whichever elevation is higher.**

Purpose: Comply with FEMA Coastal High Hazard Area Regulations.

TAC Vote: 03/16/2023: Approved 9-0-1

WDO Amendment #1f
§ 700.03: Mapped CHHA

§700.03 The location of the Regulatory Floodway **and the location of the Coastal High Hazard Area shall** be as delineated on the maps referenced in Appendix C: FEMA Flood Insurance Study Maps and Profiles. Where interpretation is needed to determine the exact location of the Regulatory Floodway boundary, IDNR/OWR should be contacted.

Purpose: Comply with FEMA Coastal High Hazard Area Regulations.

TAC Vote: 03/16/2023: Approved 9-0-1

WDO Amendment #1g
§ 706: Building Protection Requirement for areas outside of the CHHA

§ 706 Building Protection Requirements **for Regulatory Floodplains not within Coastal High Hazard Areas**

Purpose: Comply with FEMA Coastal High Hazard Area Regulations.

TAC Vote: 03/16/2023: Approved 9-0-1

WDO Amendment #1i
§ 708: Building Protection Requirements for CHHA

§ 708 **Building Protection Requirements for Coastal High Hazard Areas**

The building protection requirements of Section 708 apply to development, including new construction and substantial improvements in, or partly in, a Coastal High Hazard Area according to the FIRM.

708.01 **All new construction and substantial improvements shall be elevated on pilings or columns so that the bottom of the lowest horizontal structural member of the lowest floor (excluding the pilings or columns) is elevated to or above the BFE-plus-one-foot elevation, and the pile or column foundation and structure attached thereto is anchored to resist flotation, collapse, and lateral movement due to the effects of wind and water loads acting simultaneously on all building components.**

A. **Water loading values used shall be those associated with the base flood.**

B. **Wind loading values shall be those required by applicable state or local building standards. If no state or local building standards require the application of wind loading values to structural design, then wind loading values shall be those defined**

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

according to American Society of Civil Engineers 7-16 Minimum design loads and associated criteria for buildings and other structures, or other equivalent standard.

708.02 A licensed professional structural engineer or architect shall develop or review the structural design, specifications and plans for the construction, and shall certify that the design and methods of construction to be used are in accordance with accepted standards of practice for meeting the provisions of Section 708.01.

708.03 All new construction and substantial improvements shall have the space below the lowest floor either free of obstruction or constructed with non-supporting breakaway walls open wood lattice-work, or insect screening intended to collapse without causing collapse, displacement, or other structural damage to the elevated portion of the building or supporting foundation system.

A. For the purpose of Section 708.03, a breakaway wall shall have a design safe loading resistance of not less than 10 and no more than 20 pounds per square foot.

B. Use of breakaway walls which exceed a design safe loading resistance of 20 pounds per square foot (either by design or where so required by local or state codes) may be permitted only if a licensed professional structural engineer or architect certifies that the designs proposed meet all of the following conditions:

1. Breakaway wall collapse shall result from a water load less than that which would occur during the base flood; and

2. The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the effects of wind and water loads acting simultaneously on all building components (structural and non-structural). Water loading values shall be those associated with the base flood. Wind loading values shall be those required by applicable state or local building standards. If no state or local building standards require the application of wind loading values to structural design, then wind loading values shall be those defined according to American Society of Civil Engineers 7-16 Minimum design loads and associated criteria for buildings and other structures, or other equivalent standard.

C. All space enclosed by breakaway walls, open wood lattice-work, or insect screening below the lowest floor shall be used solely for parking of vehicles, building access, or storage.

708.04 Placement or substantial improvement of manufactured homes must comply with 708.01 through 708.03.

708.05 Recreational vehicles, including park models, must either:

A. Be on site for fewer than 180 consecutive days; or

B. Be fully licensed and ready for highway use; or

C. Comply with Section 708.01 through 708.3.

708.06 The use of fill for structural support of buildings within a Coastal High Hazard Area is prohibited.

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

A. Non-structural fill within a Coastal High Hazard Area shall be permitted only if an engineering report demonstrates that the fill will not cause wave runup, ramping, or deflection of floodwaters that cause damage to buildings.

708.07 Man-made alterations of sand dunes within a Coastal High Hazard Area are prohibited unless and engineering report documents that the alterations will not increase potential flood damage by reducing the wave and flow dissipation characteristics of the sand dunes.

708.08 Within a Coastal High Hazard Area, bulkheads, seawalls, revetments, and other erosion control structures shall not be connected to the foundation or superstructure of a building, and shall be designed and constructed so as not to direct floodwaters or increase flood forces or erosion impacts on the foundation or superstructure of any building.

Purpose: Comply with FEMA Coastal High Hazard Area Regulations and reduce required freeboard in the section from 2' to 1'.

TAC Vote: 04/20/2023: Approved 10-0-0

WDO Amendment #1j
§ Appendix A: CHHA Definitions

…

boathouse: A structure erected for the purpose of storing boats.

breakaway wall: A wall that is not part of the structural support of the building and is intended through its design and construction to collapse under specific lateral loading forces, without causing damage to the elevated portion of the building or supporting foundation system.

…

coastal high hazard area: An area of special flood hazard extending from offshore to the inland limit of a primary frontal dune along an open coast, and any other area subject to high velocity wave action from storms or seismic other sources. A coastal high hazard area is identified on a community's FIRM by the designation of zone VE or a moderate wave action area (MoWA).

…

limit of moderate wave action (LiMWA): A line shown on a Flood Insurance Rate Map to indicate the inland limit of the 1.5-ft breaking wave height during the base flood.

…

lowest adjacent grade: The lowest finished grade adjacent to a structure~~, including the bottom of window wells~~.

…

moderate wave action area (MoWA): A special flood hazard area subject to the potential for breaking wave heights of greater than or equal to 1.5 feet, but less than 3 feet, where the primary source of flooding is astronomical tides, storm surges, seiches, and/or tsunamis. A MoWA is an area within zone AE on a FIRM that is between the inland limit of zone VE and a Limit of Moderate Wave Action, where identified. (Also known as "Coastal A zone")

…

Regulatory Floodplain: Regulatory Floodplains may be either riverine or non-riverine depressional areas. **Except for coastal flooding effects of Lake Michigan,** floodplain boundaries shall be delineated by projecting the base flood elevation onto the best available topography and by superimposing the Special Flood Hazard Area onto the base map. A flood-prone area is a Regulatory Floodplain if it meets any of the following descriptions:

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

A. Any riverine area inundated by the base flood where there is at least 640 acres of tributary drainage area.
B. Any non-riverine area with a storage volume of 0.75 acre-foot or more when inundated by the base flood.
C. Any area indicated as a Special Flood Hazard Area on the FEMA Flood Insurance Rate Map or Letter of Map Revision.

Purpose: Comply with FEMA Coastal High Hazard Area Regulations.

TAC Vote: 03/16/2023: Approved 9-0-1

WDO Amendment #1k
§ 704: Compensatory Storage

704.08 Compensatory Storage is not required in Coastal High Hazard Areas.

Purpose: To clarify that there is not a requirement to provide Compensatory Storage within CHHA.

TAC Vote: 04/20/2023: Approved 10-0-0

WDO Amendment #2a
Appendix N: WDO Mitigation Requirements and Guidelines for Isolated Waters of Lake County Impacts

§B.2. Physical Description (Second sentence)

… as required by this Ordinance, and ~~SCS~~**NRCS** soil survey map and soil unit description.

Purpose: The Soil Conservation Service (SCS) agency name was changed to Natural Resource Conservation Service (NRCS). This amendment reflects agency's current name.

TAC Vote: 03/16/2023: Approved 10-0-0

WDO Amendment #2b
Appendix N: WDO Mitigation Requirements and Guidelines for Isolated Waters of Lake County Impacts

§C.3. Soils (Second paragraph)

If the mitigation site contains a drained hydric soil, include the ~~SCS~~**NRCS** soil map unit description…

Purpose: The Soil Conservation Service (SCS) agency name was changed to Natural Resource Conservation Service (NRCS). This amendment reflects agency's current name.

TAC Vote: 03/16/2023: Approved 10-0-0

WDO Amendment #2c
Appendix N: WDO Mitigation Requirements and Guidelines for Isolated Waters of Lake County Impacts

§H.2.d. Invasive Species Dominance

By the end of the performance period, none of the three ~~e.~~ **dominant plant species in the emergent, wet prairie, or sedge meadow communities shall be non-native or weedy species, including, but not limited to: ……**

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

Purpose: Correct editorial error – the complete text of Section d. was inadvertently truncated, creating a section e. Remove e. and correct such that all text now under d.

TAC Vote: 03/16/2023: Approved 10-0-0

WDO Amendment #2d
Appendix N: WDO Mitigation Requirements and Guidelines for Isolated Waters of Lake County Impacts

§H.2.c. Vegetative Cover (emergent, wet prairie, or sedge meadow wetland communities)

By the end of the performance period, no area greater than ~~one hundred (100)~~ **ten (10)** square feet within the created or enhanced wetlands shall be devoid of vegetation, as measured by percent areal coverage. Areas not meeting this standard shall be re-planted.

Purpose: Bring wetland mitigation performance criterion into consistency with USACE's standard for final vegetative coverage approval (2017).

TAC Vote: 03/16/2023: Approved 10-0-0

WDO Amendment #2e
Appendix N: WDO Mitigation Requirements and Guidelines for Isolated Waters of Lake County Impacts

§H.3.b. Vegetative Cover (mesic prairie buffers)

By the end of the performance period, no area greater than ~~one hundred (100)~~ **ten (10)** square feet within the created or enhanced mesic prairie buffers shall be devoid of vegetation, as measured by percent areal coverage.

Purpose: Bring wetland mitigation performance criterion into consistency with USACE's standard for final vegetative coverage approval (2017).

TAC Vote: 03/16/2023: Approved 10-0-0

WDO Amendment #2f
§ Appendix A: Definition of Isolated Waters of Lake County – Section B.

B. The following shall not be considered as meeting the exclusion criteria in Section A. of this definition:

1. All areas meeting the definition of *high-quality aquatic resources*, **other than areas meeting exclusion criteria A.1 or A.4.**

2. Wetland *mitigation* areas created to meet the requirements of this Ordinance or Section 404 of the Clean Water Act.

3. Wetland areas created or restored using public funds.

Purpose: Remove confusion over constructed stormwater management features that meet the HQAR criteria in WDO Appendix L.

TAC Vote: 03/16/2023: Approved 10-0-0

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

WDO Amendment #2g
§1002 Isolated Waters of Lake County Exclusions

Excluded areas are as specified in Appendix A: Definitions of *Isolated Waters of Lake County*. **Community enforcement officers shall provide SMC with a copy of all exclusion determinations.**

Purpose: Provide documentation for SMC's permit files to remove uncertainty as to which IWLC on a development site are excluded and which remain subject to WDO regulation. SMC regulatory staff need this documentation for IWLC impact reviews.

TAC Vote: 03/16/2023: Approved 10-0-0

WDO Amendment #2h
Appendix M, SMC-Approved Wetland Mitigation Banking Requirements

§S: PERFORMANCE STANDARDS (Species Dominance)

The native perennial species within each wetland plant community shall represent at least 80% of the total dominance measure. **A lower percent native perennial species of the total dominance measure may be acceptable if transect data demonstrate the remaining dominance percentage, up to a maximum of 15 percent, is by native annual and biannual species with a wetness indicator status of FAC or wetter and the native FQI and mean C performance standards are met.**

Purpose: Change to be like the Corps' standard for this metric, but with SMC-added caveats on maximum percentage allowance for native annual and biannual species to make up balance and such species must be FAC or wetter.

TAC Vote: 03/16/2023: Approved 10-0-0

WDO Amendment #2i
Appendix N: WDO Mitigation Requirements and Guidelines for Isolated Waters of Lake County Impacts

§H.2.b. Mean Wetness Coefficient

a. Mean Wetness Coefficient: By the end of the performance period, the mean wetness coefficient (mean W) shall be less than or equal to 0 in each wetland community. Wetness coefficients are listed below, based on the category of each plant species designated in the National Wetland Plant List - Midwest Regional Plant List (U.S. Army Corps of Engineers, most recent version). The mean W for each wetland community is calculated by the following equation: Sum of wetness coefficients for all species/number of species.

Wetness Coefficients

National Wetland Category	*Wetness Coefficient*
Obligate (OBL)	**-2**
Facultative Wetland (FACW)	**-1**
Facultative (FAC)	0
Facultative Upland (FACU)	1
Upland (UPL)	2

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

Purpose: Add negative "-" symbol before OBL and FACW categories (not: this was an oversight in the previous WDO). This numeric system is included in the Army Corps-Chicago Region's Floristic Quality Assessment calculator tool (2017) to determine the mean W of a wetland plant community.

TAC Vote: 04/20/2023: Approved 8-0-0

WDO Amendment #3a
§ 400.01: Minor Developments

400.01 A completed *Watershed Development Permit* application signed by the *applicant* or applicant's agent, and when required, a **Licensed** *Professional Engineer* and *Certified Wetland Specialist*.

Purpose: Add "**Licensed**" for WDO consistency.

TAC Vote: 04/20/2023: Approved 10-0-0

WDO Amendment #3b
§ 404.01: As-Built Drawings

404.01 *As-built drawings*, signed and sealed by a **Licensed** Professional Engineer, shall be required for all major developments, public road developments, and other types of development as determined by the Enforcement Officer (such as those developments that affect stormwater runoff rates or volume, impact wetlands or wetland buffers, or are adjacent to floodplains).

Purpose: Add "**Licensed**" for WDO consistency.

TAC Vote: 04/20/2023: Approved 10-0-0

WDO Amendment #3c
§ 706.02.A: Floodplain Protection Requirements *(and sections listed below in Purpose)*

A. The *lowest floor*, including *basement*s, of all new non-residential *building*s**,** including additions, shall be elevated at least to the FPE or be structurally dry flood-proofed to at least the FPE. A non-residential building may be structurally dry flood-proofed (in lieu of elevation) provided that a ~~Registered~~***Licensed*** *Professional Engineer*, ~~Registered~~**Licensed** Structural Engineer, or Licensed Architect shall certify…

Purpose: Keep Licensed instead of using Registered. Replace "Registered" with "Licensed" throughout WDO for consistency. **Sections included: 201.01. E, 401.10, 401.11, 500.03, 507.08, 700.02, 700.04 701.02, 703.04, 706.01, 801.01, 801.02, 801.03, 901.01, Appendix A: Definitions, and Appendix E: Enforcement Officer Duties.**

TAC Vote: 04/20/2023: Approved 10-0-0

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

WDO Amendment #3g
§ 1102.02: Additional Protection Measures

1102.01 If at any stage of the grading of any *development* site the *Enforcement Officer* determines that the nature of the site is such that further work authorized by an existing permit is likely to imperil any property, public way, *stream*, *lake*, wetland, or drainage structure, the Enforcement Officer may require, as a condition of allowing the work to be done, that such reasonable additional protective measures be taken as is considered advisable to avoid the likelihood of such peril. Additional protective measures may include, but shall not be limited to, a more level exposed slope, construction of additional drainage facilities, berms, terracing, compaction, or cribbing, installation of plant materials for *erosion* control, and recommendations of a **L**~~l~~icensed **Geotechnical**~~soils~~ **E**~~e~~ngineer and/or ~~engineering~~**Licensed Professional G**~~g~~eologist which may be made requirements for further work.

Purpose: Update professional titles.

TAC Vote: 04/20/2023: Approved 10-0-0

WDO Amendment #3h
Appendix E: Enforcement Officer Duties

F. A ***Licensed*** *Professional Engineer* in the employ or under contract with SMC or *Certified Community* shall review **or supervise the review of** any plans, calculations, or analyses submitted by a **Licensed** Professional Engineer pursuant to the requirements of this Ordinance.

Purpose: To be consist with Section 201.01.E of the WDO.

TAC Vote: 04/20/2023: Approved 10-0-0

WDO Amendment #3i
Appendix A: Definitions

basin: Sub-*watershed* areas within Lake County that include the Fox River mainstem (including the Chain O' Lakes), Flint Creek, Tower Lake Drain, Slocum Drain, Mutton Creek**, Manitou** ~~Squaw~~ Creek, …

Purpose: Update creek name from "Squaw" to "Manitou".

TAC Vote: 04/20/2023: Approved 10-0-0

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

WDO Amendment #3j
Appendix A: Definitions

Enforcement Officer: A person meeting the requirements of 201.02K and designated as follows:

A. Within *communities* that have received Standard Certification, the Enforcement Officer shall be a person designated in writing by the community for the purpose of permitting *development*, and administering and enforcing all of the provisions of this Ordinance except as noted in Article 13: Variances.

B. Within *communities* that have not received Standard Certification, the Enforcement Officer shall be the *SMC Chief Engineer*.

C. Recertification as an Enforcement Officer shall be required every **five (5)** ~~three (3)~~ years through the SMC. A minimum of **eight (8)** ~~twenty-four (24)~~ work-related professional development hours including SMC mandatory training for this type of certification shall be obtained **per year** ~~within the three-year period~~ in order to qualify for recertification. Documentation shall be self-monitoring and shall be provided to SMC upon **request** ~~application of certification or recertification~~.

Purpose: Update EO recertification requirement to be consistent with community recertification.

TAC Vote: 04/20/2023: Approved 10-0-0

WDO Amendment #3k
Appendix J: Watershed Specific Release Rates

Manitou~~Squaw~~ Creek Mainstem

Purpose: Update creek name from “Squaw” to “Manitou”.

TAC Vote: 04/20/2023: Approved 10-0-0

WDO Amendment #4a
§ 702.04: Regulatory Floodplain Performance Standards

702.04 If the proposed *development* would result in a change in the ~~mapped *Regulatory Floodplain* or~~ BFE **of a SFHA** ~~on a site~~, the *applicant* shall submit sufficient data to *FEMA* and SMC to obtain a *Letter of Map Revision* (LOMR). Proposed changes to Regulatory Floodplain and *Regulatory Floodway* delineation and BFE shall be submitted to SMC (see Appendix E: Enforcement Officer Duties). *IDNR/OWR* concurrence is required for changes to the BFE and floodway delineation.

Purpose: Remove LOMR requirement for changes in the mapped Regulatory Floodplain along with removing “on a site” given it does not add value to this section.

TAC Vote: 04/20/2023: Approved 9-0-0

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

WDO Amendment #4b
§ 706.04: Building Protection

706.04 Tool sheds, detached garages, and attached garages which are not *substantial improvements* on an existing single-family platted lot may be constructed with the *lowest floor* below ~~the FPE~~ **one-half (0.5) foot above the BFE** in accordance with the following:

A. The *building* shall not be used for human habitation.

B. All areas below the **FPE**~~BFE~~ shall be constructed with **materials resistant to flood damage** ~~waterproof material~~. Structures located in a *Regulatory Floodway* shall be constructed and placed on a development site so as not to block the flow of flood waters and shall also meet the *Appropriate Use* criteria of §703 Regulatory Floodway Performance Standards. In addition, all other requirements of this Ordinance must be met.

C. The *structure* shall be anchored to prevent flotation.

D. Service facilities such as electrical and heating equipment shall be elevated or flood-proofed to the FPE.

E. The *building* shall be used only for the storage of vehicles or tools and may not contain other rooms, workshops, greenhouses, or similar uses.

F. If a residence is elevated appropriately, then the area below the residence can be used as a garage, as long as the garage conforms to 706.04A through 706.04E and includes permanent flow through openings as described in 706.01A.2.

G. The *building* shall be valued at less than **$24,550**~~17,250~~ (**Feb.** 20**23**~~11~~ costs) and be no greater than **600**~~576~~ square feet in floor size.

Purpose: Update regulations and values on accessory structures. Increased value by an additional 4.2% due to size increase 600 sf vs 576 sf.

TAC Vote: 04/20/2023: Approved 9-0-0

WDO Amendment #4c
§ 901.04 Building Protection Requirements

901.04 Accessory structures and attached garages may be constructed with the lowest floor below the FPE in accordance with the following:
A. The building shall not be used for human habitation.
B. The structure shall be anchored to prevent flotation.
C. Service facilities such as electrical and heating equipment shall be elevated or flood-proofed to the FPE.
D. All areas below the FPE shall be constructed with materials resistant to flood damage.
E. The floor must be elevated up to at least one-half (0.5) foot above the base flood elevation (BFE) unless it meets all the requirements of 706.04.

Purpose: To provide consistency with other accessory structure regulations.

TAC Vote: 04/20/2023: Approved 9-0-0

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

WDO Amendment #5a
§ 1101: Inspections

1101.02 The *Designated Erosion Control Inspector* (DECI) shall conduct inspections and document as described below, at a minimum, at the intervals in 1101.02A and **1102.02B**, for those developments that require a Designated Erosion Control Inspector, until permanent stabilization and Enforcement Officer approval of appropriate as-built documentation and drawings.

A. Upon completion of installation of sediment and runoff control measures (including perimeter controls and diversions), prior to proceeding with any other earth disturbance or grading.
~~B. After stripping and clearing.~~
~~C. After rough grading.~~
~~D. After final grading.~~
~~E. After seeding and landscaping deadlines.~~
B~~F~~. After every seven (7) calendar days or storm event with greater than one-half (0.5) inch of rainfall or *liquid equivalent precipitation*.
C~~G~~. After final stabilization and landscaping, prior to removal of sediment and erosion controls.
D~~H~~. After removal of erosion and sediment controls.

~~**Minimum inspection documentation shall include: site observations and photos (at the discretion of the EO), inspector's name, date and time of inspection, status of perimeter control, and site outlet observations.**~~
Minimum inspection documentation, shall include: site observations and a sufficient number of photos depicting the conditions of the entire site, inspector's name, date and time of inspection, status of perimeter control, and site outlet observations.

Purpose: Include minimum DECI inspection documentation including photos. Note that §1101.01 references to §1102.02 will be updated to reflect the removal of sub-items B – E.

TAC Vote: 04/20/2023: Approved 9-0-0

SMC Revision: 06/01/2023: SMC decided that photos should be a requirement and revise the amendment language accordingly. Approved 8-0-0

WDO Amendment #5b
§ 1101: Inspections

1101.03 Designated Erosion Control Inspector inspections may be performed at a reduced frequency, at the discretion of the Enforcement Officer, for projects with a valid Watershed Development Permit, that are permanently stabilized, ~~have submitted a Notice of Termination to IEPA,~~ and are entering a prolonged period of inactivity. Designated Erosion Control Inspector inspections shall only be required after storm events with greater than one-half (0.5) inch of rainfall or *liquid equivalent precipitation*.

Purpose: Remove Notice of Termination requirement.

TAC Vote: 04/20/2023: Approved 9-0-0

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

WDO Amendment #6a
§ Appendix C: FEMA Flood Insurance Study Maps and Profiles

- Communities: Beach Park; Grayslake; Gurnee; Highland Park; Lake Bluff; Lake County Unincorp; Lake Forest; Lake Villa; Libertyville; Lindenhurst; North Chicago; Old Mill Creek
  Round Lake Beach; Round Lake Park; Third Lake; Wadsworth; Waukegan; Winthrop Harbor; Zion

Appendix C: FEMA Flood Insurance Study Maps and Profiles

COMMUNITY NAME	COMMUNITY MEMBER	DATE OF CURRENT EFFECTIVE MAP (OR MAP INDEX)	LAKE COUNTY DFIRM PANEL NUMBERS	EFFECTIVE FIS STUDY DATE
ANTIOCH	170358#	September 18, 2013	17097C0010 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0026 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0027 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0028 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0029 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0032 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0034 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0035 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0055 K	**October 5, 2023** ~~February 17, 2016~~
BANNOCKBURN	170359#	September 18, 2013	17097C0259 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0267 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0278 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0286 K	**October 5, 2023** ~~February 17, 2016~~
BARRINGTON HILLS	170058#	September 18, 2013	17097C0215 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0216 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0217 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0219 K	**October 5, 2023** ~~February 17, 2016~~
BARRINGTON	170057#	September 18, 2013	17097C0216 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0217 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0219 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0236 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0238 K	**October 5, 2023** ~~February 17, 2016~~
BEACH PARK	171022#	September 18, 2013	17097C0059 K	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

		September 18, 2013	17097C0067 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0069 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0078 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0086 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0087 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0088 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0089 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
BUFFALO GROVE	170068#	September 18, 2013	17097C0253 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0254 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0261 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0262 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0263 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0264 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0266 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0270 K	**October 5, 2023** ~~February 17, 2016~~
DEERFIELD	170361#	September 18, 2013	17097C0267 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0270 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0278 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0286 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0287 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0288 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0289 K	**October 5, 2023** ~~February 17, 2016~~
COMMUNITY NAME	COMMUNITY MEMBER	DATE OF CURRENT EFFECTIVE MAP (OR MAP INDEX)	LAKE COUNTY DFIRM PANEL NUMBERS	EFFECTIVE FIS STUDY DATE
DEER PARK	171028#	September 18, 2013	17097C0217 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0236 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0237 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0238 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0241 K	**October 5, 2023** ~~February 17, 2016~~
FOX LAKE	170362#	September 18, 2013	17097C0004 K	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

		September 18, 2013	17097C0010 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0012 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0014 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0019 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0020 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0106 K	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0107 L	**October 5, 2023** ~~February 17, 2016~~
FOX RIVER GROVE	170477#	September 18, 2013	10797C0205 K	**October 5, 2023** ~~February 17, 2016~~
GRAYSLAKE	170363#	**October 5, 2023** ~~September 18, 2013~~	17097C0043 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0044 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0129 L	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~February 17, 2016~~	17097C0131 ~~L~~**M**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0132 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~February 17, 2016~~	17097C0133 ~~L~~**M**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0134 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0137 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0141 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0142 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0151 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0153 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
GREEN OAKS	170364#	September 18, 2013	17097C0158 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0159 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0166 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0167 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0168 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0169 K	**October 5, 2023** ~~February 17, 2016~~
GURNEE	170365#	**October 5, 2023** ~~September 18, 2013~~	17097C0044 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0063 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0064 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0068 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

		September 18, 2013	17097C0069 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0132 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0151 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0152 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0153 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0154 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0156 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0157 K	**October 5, 2023** ~~February 17, 2016~~
HAINESVILLE	171005#	February 17, 2016	17097C0127 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0129 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0131 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0133 L	**October 5, 2023** ~~February 17, 2016~~
HAWTHORN WOODS	170366#	February 17, 2016	17097C0139 L	**October 5, 2023** ~~February 17, 2016~~
COMMUNITY NAME	COMMUNITY MEMBER	DATE OF CURRENT EFFECTIVE MAP (OR MAP INDEX)	LAKE COUNTY DFIRM PANEL NUMBERS	EFFECTIVE FIS STUDY DATE
HAWTHORN WOODS	170366#	February 17, 2016	17097C0143 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0226 K	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0227 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0228 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0229 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0231 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0232 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0233 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0234 K	**October 5, 2023** ~~February 17, 2016~~
HIGHLAND PARK	170367#	**October 5, 2023** ~~September 18, 2013~~	17097C0277 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0278 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0279 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	~~17097C0283~~**17097C0281** ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	~~17097C0285~~**17097C0283** ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0286 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0287 K	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

		September 18, 2013	17097C0289 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0291 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	~~17097C0293~~**17097C0292** ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	~~17097C0295~~**17097C0293** K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023	**17097C0294L**	**October 5, 2023**
HIGHWOOD	171033#	September 18, 2013	17097C0279 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0283 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
INDIAN CREEK	170369#	September 18, 2013	17097C0251 K	**October 5, 2023** ~~February 17, 2016~~
ISLAND LAKE	170370#	September 18, 2013	17097C0112 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0114 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0116 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0118 K	**October 5, 2023** ~~February 17, 2016~~
KILDEER	170371#	September 18, 2013	17097C0233 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0234 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0237 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0241 K	**October 5, 2023** ~~February 17, 2016~~
LAKE BARRINGTON	170372#	September 18, 2013	17097C0118 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0205 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0206 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0207 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0208 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0209 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0215 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0216 K	**October 5, 2023** ~~February 17, 2016~~
LAKE BLUFF	170373#	September 18, 2013	17097C0167 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0169 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0186 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	~~17097C0188~~**17097C0187** ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	~~17097C0190~~**17097C0188 K**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023	**17097C0189L**	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

LAKE COUNTY UNINCORPORATED AREAS	170357#	DFIRM PANEL NUMBERS LISTED SEPARATELY AT END OF APPENDIX		
LAKE FOREST	170374#	September 18, 2013	17097C0169 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0188 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C01**89**~~90~~ ~~**KL**~~	**October 5, 2023** ~~February 17, 2016~~
COMMUNITY NAME	COMMUNITY MEMBER	DATE OF CURRENT EFFECTIVE MAP (OR MAP INDEX)	LAKE COUNTY DFIRM PANEL NUMBERS	EFFECTIVE FIS STUDY DATE
LAKE FOREST	170374#	September 18, 2013	17097C0257 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0259 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0276 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0277 ~~**KL**~~	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0278 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0279 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	~~17097C0285~~**17097C0281** ~~**KL**~~	**October 5, 2023** ~~February 17, 2016~~
LAKE VILLA	170375#	September 18, 2013	17097C0028 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0029 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0035 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0036 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0037 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0038 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0039 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0041 ~~**KL**~~	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0043 ~~**KL**~~	**October 5, 2023** ~~February 17, 2016~~
LAKE ZURICH	170376#	February 17, 2016	17097C0227 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0228 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0229 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0233 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0236 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0237 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0241 K	**October 5, 2023** ~~February 17, 2016~~
LAKEMOOR	170915#	September 18, 2013	17097C0102 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0104 K	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

		September 18, 2013	17097C0106 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0108 K	**October 5, 2023** ~~February 17, 2016~~
LIBERTYVILLE	170377#	**October 5, 2023** ~~September 18, 2013~~	17097C0134 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0142 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0161 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0162 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0163 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0164 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0166 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0168 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0252 K	**October 5, 2023** ~~February 17, 2016~~
LINCOLNSHIRE	170378#	September 18, 2013	17097C0254 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0257 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0258 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0259 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0262 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0266 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0267 K	**October 5, 2023** ~~February 17, 2016~~
LINDENHURST	170379#	September 18, 2013	17097C0035 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0041 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0042 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0044 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
LONG GROVE	170380#	September 18, 2013	17097C0144 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0231 K	**October 5, 2023** ~~February 17, 2016~~
COMMUNITY NAME	COMMUNITY MEMBER	DATE OF CURRENT EFFECTIVE MAP (OR MAP INDEX)	LAKE COUNTY DFIRM PANEL NUMBERS	EFFECTIVE FIS STUDY DATE
LONG GROVE	170380#	September 18, 2013	17097C0232 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0233 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0234 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0241 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0242 K	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

		September 18, 2013	17097C0251 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0253 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0254 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0261 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0263 K	**October 5, 2023** ~~February 17, 2016~~
METTAWA	170381#	September 18, 2013	17097C0164 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0168 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0169 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0252 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0256 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0257 K	**October 5, 2023** ~~February 17, 2016~~
MUNDELEIN	170382#	February 17, 2016	17097C0139 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0141 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0142 K	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0143 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0144 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0161 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0163 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0164 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0232 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0251 K	**October 5, 2023** ~~February 17, 2016~~
NORTH BARRINGTON	170383#	September 18, 2013	17097C0207 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0208 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0209 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0217 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0226 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0228 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0236 K	**October 5, 2023** ~~February 17, 2016~~
NORTH CHICAGO	170384#	September 18, 2013	17097C0159 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0167 K	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

		October 5, 2023	**17097C0179 L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0180 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0186 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	~~17097C0190~~**17097C0187** ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
OLD MILL CREEK	170385#	September 18, 2013	17097C0034 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0042 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0044 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0055 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0061 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0062 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0063 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0064 K	**October 5, 2023** ~~February 17, 2016~~
PARK CITY	170386#	September 18, 2013	17097C0156 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0157 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0159 K	**October 5, 2023** ~~February 17, 2016~~
COMMUNITY NAME	COMMUNITY MEMBER	DATE OF CURRENT EFFECTIVE MAP (OR MAP INDEX)	LAKE COUNTY DFIRM PANEL NUMBERS	EFFECTIVE FIS STUDY DATE
PORT BARRINGTON	170478#	September 18, 2013	17097C0114 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0118 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0205 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0206 K	**October 5, 2023** ~~February 17, 2016~~
RIVERWOODS	170387#	September 18, 2013	17097C0259 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0266 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0267 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0270 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0286 K	**October 5, 2023** ~~February 17, 2016~~
ROUND LAKE BEACH	170389#	September 18, 2013	17097C0038 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0039 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0043 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0126 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0127 L	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

		October 5, 2023 ~~February 17, 2016~~	17097C0131 ~~L~~**M**	**October 5, 2023** ~~February 17, 2016~~
ROUND LAKE HEIGHTS	170390#	September 18, 2013	17097C0038 K	**October 5, 2023** ~~February 17, 2016~~
ROUND LAKE PARK	170391#	February 17, 2016	17097C0127 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0129 L	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~February 17, 2016~~	17097C0133 ~~L~~**M**	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0137 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0141 L	**October 5, 2023** ~~February 17, 2016~~
ROUND LAKE	170388#	February 17, 2016	17097C0107 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0109 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0126 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0127 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0128 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0129 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0136 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0137 L	**October 5, 2023** ~~February 17, 2016~~
THIRD LAKE	170392#	**October 5, 2023** ~~September 18, 2013~~	17097C0043 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0044 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0132 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0151 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
TOWER LAKES	170393#	September 18, 2013	17097C0206 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0207 K	**October 5, 2023** ~~February 17, 2016~~
VERNON HILLS	170394#	September 18, 2013	17097C0163 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0164 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0251 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0252 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0253 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0254 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0256 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0258 K	**October 5, 2023** ~~February 17, 2016~~
VOLO	171042#	September 18, 2013	17097C0106 K	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

		February 17, 2016	17097C0107 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0108 K	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0109 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0116 K	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0117 L	**October 5, 2023** ~~February 17, 2016~~
COMMUNITY NAME	COMMUNITY MEMBER	DATE OF CURRENT EFFECTIVE MAP (OR MAP INDEX)	LAKE COUNTY DFIRM PANEL NUMBERS	EFFECTIVE FIS STUDY DATE
WADSWORTH	170395#	September 18, 2013	17097C0055 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0056 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0057 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0058 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0059 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0062 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0064 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0066 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0067 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0068 K	**October 5, 2023** ~~February 17, 2016~~
WAUCONDA	170396#	September 18, 2013	17097C0116 K	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0117 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0118 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0119 K	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0136 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0138 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0206 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0207 K	**October 5, 2023** ~~February 17, 2016~~
WAUKEGAN	170397#	**October 5, 2023** ~~September 18, 2013~~	17097C0066 ~~KL~~	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0067 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0068 ~~KL~~	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0069 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0086 ~~KL~~	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0087 ~~KL~~	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

		September 18, 2013	17097C0088 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0089 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	~~17097C0095~~**17097C0093** ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	**17097C0152 K**	**October 5, 2023**
		September 18, 2013	17097C0154 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0156 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0157 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0158 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0159 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0166 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0177 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023	**17097C0179 L**	**October 5, 2023**
		October 5, 2023 ~~September 18, 2013~~	17097C0180 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	~~17097C0185~~**17097C0181** ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
WHEELING	170173#	September 18, 2013	17097C0264 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0270 K	**October 5, 2023** ~~February 17, 2016~~
WINTHROP HARBOR	170398#	**October 5, 2023** ~~September 18, 2013~~	17097C0076 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0077 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0078 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0079 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0081 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
ZION	170399#	September 18, 2013	17097C0057 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0059 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0076 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0077 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0078 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0079 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
COMMUNITY NAME	COMMUNITY MEMBER	DATE OF CURRENT EFFECTIVE MAP (OR MAP INDEX)	LAKE COUNTY DFIRM PANEL NUMBERS	EFFECTIVE FIS STUDY DATE
ZION	170399#	**October 5, 2023** ~~September 18, 2013~~	17097C0081 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	~~17097C0085~~**17097C0083** ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

		October 5, 2023 ~~September 18, 2013~~	17097C0086 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0087 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
LAKE COUNTY UNINCORPORATED AREAS	170357#	September 18, 2013	17097C0004 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0010 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0012 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0014 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0019 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0020 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0026 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0027 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0028 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0029 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0032 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0034 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0035 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0036 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0037 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0038 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0039 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0041 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0042 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0043 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0044 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0055 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0056 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0057 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0058 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0059 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0061 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0062 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

		October 5, 2023 ~~September 18, 2013~~	17097C0063 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0064 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0066 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0067 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0068 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0069 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0076 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0077 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0078 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0079 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0081 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	~~17097C0085~~**17097C0083** ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0086 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0087 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0088 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0089 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	~~17097C0095~~**17097C0091** ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0093 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
COMMUNITY NAME	COMMUNITY MEMBER	DATE OF CURRENT EFFECTIVE MAP (OR MAP INDEX)	LAKE COUNTY DFIRM PANEL NUMBERS	EFFECTIVE FIS STUDY DATE
LAKE COUNTY UNINCORPORATED AREAS	170357#	September 18, 2013	17097C0102 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0104 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0106 K	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0107 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0108 K	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0109 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0112 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0114 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0116 K	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0117 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0118 K	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

		September 18, 2013	17097C0119 K	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0126 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0127 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0128 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0129 L	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~February 17, 2016~~	17097C0131 ~~L~~**M**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0132 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~February 17, 2016~~	17097C0133 ~~L~~**M**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0134 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0136 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0137 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0138 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0139 L	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0141 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0142 K	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0143 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0144 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0151 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0152 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0153 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0154 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0156 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0157 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0158 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0159 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0161 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0162 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0163 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0164 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0166 K	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

		September 18, 2013	17097C0167 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0168 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0169 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0177 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023	**17097C0179 L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	17097C0180 ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023 ~~September 18, 2013~~	~~17097C0185~~**17097C0181** ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0186 K	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023	**17097C0187 L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0188 K	**October 5, 2023** ~~February 17, 2016~~
COMMUNITY NAME	COMMUNITY MEMBER	DATE OF CURRENT EFFECTIVE MAP (OR MAP INDEX)	LAKE COUNTY DFIRM PANEL NUMBERS	EFFECTIVE FIS STUDY DATE
LAKE COUNTY UNINCORPORATED AREAS	170357#	**October 5, 2023** ~~September 18, 2013~~	17097C01**89**~~90~~ ~~K~~**L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0205 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0206 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0207 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0208 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0209 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0215 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0216 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0217 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0226 K	**October 5, 2023** ~~February 17, 2016~~
		February 17, 2016	17097C0227 L	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0228 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0229 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0231 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0232 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0233 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0234 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0236 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0237 K	**October 5, 2023** ~~February 17, 2016~~

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

		September 18, 2013	17097C0241 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0242 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0251 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0252 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0253 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0254 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	17097C0256 K	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	**17097C0257 K**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	**17097C0258 K**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	**17097C0259 K**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	**17097C0261 K**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	**17097C0262 K**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	**17097C0263 K**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	**17097C0266 K**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	**17097C0267 K**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	**17097C0270 K**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023	**17097C0277 L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	**17097C0278 K**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023	**17097C0281 L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023	**17097C0283 L**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	**17097C0286 K**	**October 5, 2023** ~~February 17, 2016~~
		September 18, 2013	**17097C0288 K**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023	**17097C0291 L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023	**17097C0292 L**	**October 5, 2023** ~~February 17, 2016~~
		October 5, 2023	**17097C0294 L**	**October 5, 2023** ~~February 17, 2016~~

Purpose: Update FIRM Panel(s) per October 05, 2023 FEMA Map updates **and FIS date.**

TAC Vote: 04/20/2023: Approved 9-0-0

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

2021 WDO Amendments

WDO Amendment #2 (2021)
§ Appendix A: Definitions

Regulatory Floodway: The channel, including on-stream lakes, and that portion of the Regulatory Floodplain adjacent to a stream or channel as designated by the Illinois Department of Natural Resources, Office of Water Resources, which is needed to store and convey the existing and anticipated future 100-year frequency flood discharge with no more than a 0.1 foot increase in stage due to the loss of flood conveyance or storage, and no more than a 10% increase in velocities. The location of the Regulatory Floodway shall be as delineated on the maps listed in Appendix C: FEMA Flood Insurance Study Maps and Profiles. Where interpretation is needed to determine the exact location of the Regulatory Floodway boundary, the IDNR/OWR should be contacted for the interpretation.

The need to preserve storage when defining the regulatory floodway will be waived by the SMC if the applicant receives approval from IDNR/OWR under 3708.60.d Floodway Construction in Northeastern Illinois.

Purpose: TAC-Member proposed amendment to be consistent with IDNR/OWR part 3708 rules for floodway construction.

Update: May 2023 – IDNR/OWR part 3708 rules have not been updated since this TAC discussion

TAC Vote: 05/20/2021: Approved: 9-1-0

WDO Amendment #3 (2021)
§ Appendix I: Rainfall Depth Duration Frequency Tables for Lake County

Table 7. Rainfall (inches) for Given Recurrence Interval for Section 2 (Northeast)

Storm Duration	2-month	3-month	4-month	6-month	9-month	1-year	2-year	5-year	10-year	25-year	50-year	100-year	500-year
5 minutes	0.19	0.22	0.24	0.27	0.31	0.33	0.40	0.52	0.62	0.77	0.90	1.03	1.35
~~10 minutes~~	~~0.35~~	~~0.40~~	~~0.43~~	~~0.49~~	~~0.56~~	~~0.61~~	~~0.73~~	~~0.95~~	~~1.13~~	~~1.42~~	~~1.65~~	~~1.89~~	~~2.47~~
10 minutes	0.33	0.38	0.41	0.47	0.53	0.58	0.70	0.90	1.08	1.35	1.58	1.80	2.36
15 minutes	0.42	0.49	0.53	0.61	0.69	0.75	0.90	1.16	1.39	1.74	2.03	2.32	3.04
30 minutes	0.58	0.66	0.73	0.83	0.94	1.03	1.24	1.59	1.91	2.39	2.78	3.17	4.16
1 hour	0.74	0.84	0.93	1.05	1.20	1.30	1.57	2.02	2.42	3.03	3.53	4.03	5.28
2 hours	0.91	1.04	1.14	1.30	1.48	1.61	1.94	2.49	2.99	3.74	4.35	4.97	6.52
3 hours	1.00	1.15	1.26	1.44	1.63	1.77	2.14	2.75	3.30	4.13	4.80	5.49	7.20
6 hours	1.18	1.35	1.48	1.68	1.91	2.08	2.51	3.23	3.86	4.84	5.63	6.43	8.43
12 hours	1.37	1.56	1.71	1.95	2.21	2.41	2.91	3.74	4.48	5.61	6.53	7.46	9.78
18 hours	1.48	1.69	1.85	2.11	2.39	2.61	3.14	4.04	4.84	6.06	7.05	8.06	10.57
24 hours	1.57	1.80	1.97	2.24	2.55	2.77	3.34	4.30	5.15	6.45	7.50	8.57	11.24
48 hours	1.72	1.97	2.16	2.46	2.79	3.04	3.66	4.71	5.62	6.99	8.13	9.28	12.10
72 hours	1.87	2.14	2.34	2.67	3.03	3.30	3.97	5.08	6.05	7.49	8.64	9.85	12.81
120 hours	2.08	2.38	2.61	2.97	3.37	3.67	4.42	5.63	6.68	8.16	9.39	10.66	13.81
240 hours	2.63	3.01	3.30	3.76	4.27	4.65	5.60	7.09	8.25	9.90	11.26	12.65	16.00

Purpose: Revise the 10-minute duration from the December 2019 to the March 2020 ISWS study.

Update: May 2023 – this ISWS rainfall data have not been updated since this TAC discussion

TAC Vote: 03/18/2021: Approved 11-0-0

23-0832 SMC Vote: 06/01/2023: Approved 8-0-0

Attachment: CRS Jan 2024 Recert attachments (2024-4 : CRS 2024 Annual Recertification)

Action Item : Authorization to Execute Contract Extensions with Multiple Vendors

Recommendation of Action

Staff recommends approval.

SUMMARY: Staff recommends that the Village President and Board of Trustees authorize staff to execute the following Contract extensions as listed below and further detailed in the attached memo.
A two-year contract option with Fire Safety Consultants for plan review services.
A one-year contract option with Chicago Trenchless Rehabilitation for sewer televising services.
A one-year contract option with National Power Rodding Corp for sewer lining services.

ATTACHMENTS:

- Spring Contract Extensions 2024 (DOCX)

Trustee Liaison
Bocek

Staff Contact
Tom C. Wisniewski, Village Board

Monday, February 5, 2024	

VILLAGE OF
BUFFALO GROVE

DATE: January 22, 2024

TO: Dane Bragg, Village Manager

FROM: Tom Wisniewski, Purchasing Manager

RE: Spring Contract Extensions

Recommendation

Staff recommends that the Village President and Board of Trustees authorize staff to execute the second two-year contract option with Fire Safety Consultants, Inc. for third party plan review services to cover the period up to October 21, 2026. This is a pass thru charge and does not have a negative impact on the budget.

Staff recommends that the Village President and Board of Trustees authorize staff to execute the first and final one-year contract option with Chicago Trenchless Rehabilitation., for Sewer Televising Services to cover the period from April 1, 2024, to April 1, 2025. This work would be expected to continue to be done within the 2024 approved budget amount. A price increase of no more than 3% is expected and the base contract is set at a not to exceed amount of $150,000.

Staff recommends that the Village President and Board of Trustees authorize staff to execute the first and final one-year contract option with National Power Rodding Corp., for Sewer Lining Services to cover the period from April 1, 2024, to April 1, 2025. This work would be expected to continue to be done within the 2024 approved budget amount. A price increase of no more than 3% is expected and the base contract is set at a not to exceed amount of $200,000.

Staff has reviewed the performance of each of the above-listed contractors with the staff responsible for managing each contract. Staff has reported that each of the above-listed contractors has either met or exceeded the expectations of the contract.

Action Item : Authorization to Procure Architectural Services

Recommendation of Action

Staff recommends approval.

SUMMARY: Staff requests authorization to execute an agreement with FGM Architects for Architectural Services, pending final review and approval of the agreement by the Village Attorney. This is a one year agreement with four possible one year extensions.

ATTACHMENTS:

- Architectural Services Memo_FGM (DOCX)
- Architectural Services Ordinance - FGM (DOCX)
- Arch Agreement 2024 Final (PDF)

Trustee Liaison	**Staff Contact**
Bocek	Tom C. Wisniewski, Village Board

Monday, February 5, 2024	

VILLAGE OF
BUFFALO GROVE

DATE: January 24, 2024

TO: Dane Bragg, Village Manager

FROM: Tom Wisniewski, Purchasing Manager

RE: Architectural Services

Recommendation

Staff requests authorization to execute an agreement with FGM Architects Inc., for Architectural Services, pending final review and approval of the agreement by the Village Attorney. This is a one-year agreement with four possible one-year extensions.

Background Information

In May 2022, the Village advertised for Architectural Services for the Fire Station 25 Redevelopment through a Qualifications Based Selection (QBS) process. Staff received and reviewed proposals from nine different firms. After a thorough review of the proposals, the top three finalists (FGM Architects, Wold Architects, and Studio 222) toured the facility on Dundee Road and were then invited for interviews. Following the interview process, staff chose FGM Architects, Inc., who recommended a fee structure for the completion of Phase 1 – Preliminary Design.

Through the phase 1 preliminary design FGM has done a satisfactory job of defining the project scope, providing site plans based on multiple construction options, designing alternative floor plans to meet the identified space needs, and producing a project plan with an estimated budget. FGM worked extensively with Village staff to come up with a plan that best meets the needs of the Village and to maintain continuity of operations through the duration of the Fire Station 25 Redevelopment.

Staff was able to negotiate a favorable agreement with FGM that will allow all departments to utilize the agreement for architectural and engineering services with a fixed fee or negotiated cost model that is based upon each independent project cost. Architectural Services costs are typically budgeted within the CIP as a percentage of the total project cost. As this service may or may not be used and the type of work is unknown until it is needed, recommending a not to exceed price is nearly impossible. Staff will use the procurement guidelines in the Procurement Policy to determine what action needs to be taken and any costs requiring board action will be brought before the board for approval.

Attachment: Architectural Services Memo_FGM (2024-3 : Architectural Services)

ORDINANCE 2024-____

AN ORDINANCE AUTHORIZING EXECUTION OF AN AGREEMENT WITH FGM ARCHITECTS INC FOR ARCHITECTURAL SERVICES

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Village sought out companies qualified to provide the requested services and materials; and

WHEREAS, the Village engaged in a procurement process to obtain the best value for money.

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows**:**

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Village Manager is authorized to execute an Agreement with FGM Architects Inc., for Architectural Services, pending final review and approval of the agreement by the Village Attorney. Staff will use the procurement guidelines in the Procurement Policy to determine what action needs to be taken and any costs requiring board action will be brought before the board for approval.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and not be codified.

AYES: _____
NAYES: _____
ABSENT: _____
PASSED: _____, 2024
APPROVED: _____, 2024

APPROVED:

_____
Eric N. Smith, Village President

ATTEST:

_____
Janet Sirabian, Village Clerk

Attachment: Architectural Services Ordinance - FGM (2024-3 : Architectural Services)

VILLAGE OF BUFFALO GROVE
PROFESSIONAL SERVICES AGREEMENT
ARCHITECTURAL SERVICES

THIS AGREEMENT is dated as of the _____ day of February, 2024 ***("Agreement")*** and is by and between the **VILLAGE OF BUFFALO GROVE,** an Illinois home rule municipal corporation ***("Village")*** and the Consultant identified in Subsection 1A below.

IN CONSIDERATION OF the recitals and the mutual covenants and agreements set forth in this Agreement, and pursuant to the Village's statutory and home rule powers, the parties agree as follows:

SECTION 1. CONSULTANT.

A. **Engagement of Consultant.** The Village desires to engage the Consultant identified below to provide all necessary professional consulting services and to perform the work in connection with the project(s) identified below:

FGM Architects ("Consultant")
1211 W 22nd St #700
Oak Brook, IL 60523
Telephone: (630) 574-8300
Email: JasonEstes@fgmarchitects.com

B. **Project Description**. The Consultant shall provide Architectural Design Services on an as needed basis directed by the Village.

C. **Representations of Consultant.** The Consultant has submitted to the Village a description of the services to be provided by the Consultant, a copy of which is attached as Exhibit B to this Agreement ("Services"). The Consultant represents that it is financially solvent, has the necessary financial resources, and is sufficiently experienced and competent to perform and complete the professional consulting services set forth in Exhibit B in a manner consistent with the standards of professional practice by recognized consulting firms providing services of a similar nature.

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

SECTION 2. SCOPE OF SERVICES.

A. **Retention of the Consultant.** The Village retains the Consultant to perform, and the Consultant agrees to perform, the Services.

B. **Services.** The Consultant shall provide the Services pursuant to the terms and conditions of this Agreement.

C. **Commencement.** Time of Performance. The Consultant shall commence the Services immediately upon receipt of written notice from the Village that this Agreement has been fully executed by the Parties (the "Commencement Date"). The Consultant shall diligently and continuously prosecute the Services until the completion of the Work.,

D. **Reporting.** The Consultant shall regularly report to the Public Works Director ("Director"), or his/her designee, regarding the progress of the Services during the term of this Agreement.

SECTION 3. COMPENSATION AND METHOD OF PAYMENT.

A. **Agreement Amount.** The total amount billed for the Services during the term of this Agreement shall not exceed the amount identified in the Schedule of Prices section in Exhibit A, unless amended pursuant to Subsection 8A of this Agreement.

B. **Invoices and Payment.** The Consultant shall be paid as provided in Exhibit A. The Consultant shall submit invoices to the Village in a Village approved format for those portions of the Services performed and completed by the Consultant. The amount billed in any such invoice shall be based on the method of payment set forth in Exhibit A. The Village shall pay to the Consultant the amount billed pursuant to the Illinois Local Government Prompt Payment Act (50 ILCS 505/1 et seq.)

C. **Records**. The Consultant shall maintain records showing actual time devoted and costs incurred, and shall permit the authorized representative of the Village to inspect and audit all data and records of the Consultant for work done under the Agreement. The records shall be made available to the Village at reasonable times during the Agreement period, and for three years after the termination of the Agreement.

D. **Claim In Addition To Agreement Amount**. if the Consultant wishes to make a claim for additional compensation as a result of action taken by the Village, the Consultant shall provide written notice to the Village of such claim within 7 calendar days after occurrence of such action as provided by Subsection 8.D. of this Agreement, and no claim for additional compensation shall be valid unless made in accordance with this Subsection. Any changes in this Agreement Amount shall be valid only upon written amendment pursuant to Subsection 8.A. of this Agreement. Regardless of the decision of the Village relative to a claim submitted by the Consultant, the Consultant shall proceed with all of the Services required to complete the project under this Agreement as determined by the Village without interruption.

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

SECTION 3. COMPENSATION AND METHOD OF PAYMENT (cont.)

E. **Taxes, Benefits and Royalties.** The Agreement Amount includes all applicable federal, state, and local taxes of every kind and nature applicable to the Services as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or similar benefits and all costs, royalties and fees arising from the use on, or the incorporation into, the Services, of patented or copyrighted equipment, materials, supplies, tools, appliances, devices, processes, or inventions. All claim or right to claim additional compensation by reason of the payment of any such tax, contribution, premium, costs, royalties, or fees is hereby waived and released by Consultant.

F. **Final Acceptance.** The Services, or, if the Services are to be performed in separate phases, each phase of the Services, shall be considered complete on the date of final written acceptance by the Village of the Services or each phase of the Services, as the case may be, which acceptance shall not be unreasonably withheld or delayed.

SECTION 4. PERSONNEL SUBCONTRACTORS.

A. **Key Project Personnel.** The Key Project Personnel identified in Exhibit B shall be primarily responsible for carrying out the Services on behalf of the Consultant. The Key Project Personnel shall not be changed without the Village's prior written approval.

B. **Availability of Personnel.** The Consultant shall provide all personnel necessary to complete the Services including, without limitation, any Key Project Personnel identified in this Agreement. The Consultant shall notify the Village as soon as practicable prior to terminating the employment of, reassigning, or receiving notice of the resignation of, any Key Project Personnel. The Consultant shall have no claim for damages and shall not bill the Village for additional time and materials charges as the result of any portion of the Services which must be duplicated or redone due to such termination or for any delay or extension of the Time of Performance as a result of any such termination, reassigning, or resignation.

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

SECTION 4. PERSONNEL SUBCONTRACTORS (cont.)

C. **Approval and Use of Subcontractors**. The Consultant shall perform the Services with its own personnel and under the management, supervision, and control of its own organization unless otherwise approved by the Village in writing. All subcontractors and subcontracts used by the Consultant shall be acceptable to, and approved in advance by, the Village. The Village's approval of any subcontractor or subcontract shall not relieve the Consultant of full responsibility and liability for the provision, performance, and completion of the Services as required by the Agreement. All Services performed under any subcontract shall be subject to all of the provisions of this Agreement in the same manner as if performed by employees of the Consultant. For purposes of this Agreement, the term "Consultant" shall be deemed also to refer to all subcontractors of the Consultant, and every subcontract shall include a provision binding the subcontractor to all provisions of this Agreement.

D. **Removal of Personnel and Subcontractors.** If any personnel or subcontractor fails to perform the Services in a manner satisfactory to the Village, the Consultant shall immediately upon notice from the Village remove and replace such personnel or subcontractor. The Consultant shall have no claim for damages, for compensation in excess of the amount contained in this Agreement of for a delay or extension of the Time of Performance as a result of any such removal or replacement.

SECTION 5. CONFIDENTIAL INFORMATION.

A. **Confidential Information.** The term "Confidential Information" shall mean information in the possession or under the control of the Village relating to the technical, business or corporate affairs of the Village; Village property; user information, including, without limitation, any information pertaining to usage of the Village's computer system, including and without limitation, any information obtained from server logs or other records of electronic or machine readable form; and the existence of, and terms and conditions of, this Agreement. Village Confidential Information shall not include information that can be demonstrated: (i) to have been rightfully in the possession of the Consultant from a source other than the Village prior to the time of disclosure of said information to the Consultant under this Agreement ("Time of Disclosure"); (ii) to have been in the public domain prior to the Time of Disclosure; (iii) to have become part of the public domain after the Time of Disclosure by a publication or by any other means except an unauthorized act or omission or breach of this Agreement on the part of the Consultant or the Village; or (iv) to have been supplied to the Consultant after the Time of Disclosure without restriction by a third party who is under no obligation to the Village to maintain such information in confidence.

B. **No Disclosure of Confidential Information by the Consultant**. The Consultant acknowledges that it shall, in performing the Services for the Village under this Agreement, have access to or be directly or indirectly exposed to Confidential Information. The Consultant shall hold confidential all Confidential Information and shall not disclose or use such Confidential Information without express prior written consent of the Village. The Consultant shall use reasonable measures at least as strict as those the Consultant uses to protect its own confidential information. Such measures shall include, without limitation, requiring employees and subcontractors of the Consultant to execute a non-disclosure agreement before obtaining access to Confidential Information.

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

SECTION 6. WARRANTY; INDEMNIFICATION; INSURANCE

A. **Warranty of Services.** The Consultant warrants that the Services shall be performed in accordance with the highest standards of professional practice, care, and diligence practiced by recognized consulting firms in performing services of a similar nature in existence at the Time of Performance, The warranty expressed shall be in addition to any other warranties expressed in this Agreement, or expressed or implied by law, which are hereby reserved unto the Village.

B. **Indemnification**. The Consultant shall, without regard to the availability or unavailability of any insurance, either of the Village or the Consultant, indemnify, save harmless, and defend the Village, and its officials, employees, agents, and attorneys against any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses, including attorneys' fees and administrative expenses, that arise, or may be alleged to have arisen, out of or in connection with, the Consultant's performance of, or failure to perform, the Services or any part thereof, whether or not due or claimed to be due in whole or in part to the active, passive, or concurrent negligence or fault of the Consultant, except to the extent caused by the sole negligence of the Village.

C. **Insurance.** Contemporaneous with the Consultant's execution of this Agreement, the Consultant shall provide certificates and policies of insurance, all with coverages and limits acceptable to the Village, and evidencing at least the minimum insurance coverages and limits as set forth in Exhibit A to this Agreement. For good cause shown, the Public Works Director ("Director") may extend the time for submission of the required policies of insurance upon such terms, and with such assurances of complete and prompt performance, as the Director may impose in the exercise of his sole discretion. Such certificates and policies shall be in a form acceptable to the Village and from companies with a general rating of A minus, and a financial size category of Class X or better, in Best's Insurance Guide. Such insurance policies shall provide that no change, modification in, or cancellation of, any insurance shall become effective until the expiration of 30 calendar days after written notice thereof shall have been given by the insurance company to the Village. The Consultant shall, at all times during the term of this Agreement, maintain and keep in force, at the Consultant's expense, the insurance coverages provided above, including, without limitation, at all times while correcting any failure to meet the warranty requirements of Subsection 6.A., Warranty of Services, of this Agreement.

D. **No Personal Liability**. No elected or appointed official, agent, or employee of the Village shall be personally liable, in law or in contract, to the Consultant as the result of the execution of this Agreement.

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

SECTION 7. CONSULTANT AGREEMENT GENERAL PROVISIONS.

A. **Relationship of the Parties**. The Consultant shall act as an independent contractor in providing and performing the Services. Nothing in, nor done pursuant to, this Agreement shall be construed (i) to create the relationship of principal and agent, employer and employee, partners, or joint ventures between the Village and Consultant; or (ii) to create any relationship between the Village and any subcontractor of the Consultant.

B. **Conflict of Interest.** The Consultant represents and certifies that, to the best of its knowledge, (1) no Village employee or agent is interested in the business of the Consultant or this Agreement; (2) as of the date of this Agreement neither the Consultant nor any person employed or associated with the Consultant has any interest that would conflict in any manner or degree with the performance of the obligations under this Agreement; and (3) neither the Consultant nor any person employed by or associated with the Consultant shall at any time during the term of this Agreement obtain or acquire any interest that would conflict in any manner or degree with the performance of the obligations under this Agreement.

C. **No Collusion**. The Consultant represents and certifies that the Consultant is not barred from contracting with a unit of state or local government as a result of (i) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless the Consultant is contesting, in accordance with the procedures established by the appropriate revenue act, its liability for the tax or the amount of the tax, as set forth in Section11-42.1-1 et seq. of the Illinois Municipal Code, 65 ILCS 5/11-42.1-1 et seq.; or (ii) a violation of either Section 33E-3 or Section 33E-4 of Article 33E of the Criminal Code of 1961, 720 1LCS 5/33E-1 et seq. The Consultant represents that the only persons, firms, or corporations interested in this Agreement as principals are those disclosed to the Village prior to the execution of this Agreement, and that this Agreement is made without collusion with any other person, firm, or corporation. If at any time it shall be found that the Consultant has, in procuring this Agreement, colluded with any other person, firm, or corporation, then the Consultant shall be liable to the Village for all loss or damage that the Village may suffer, and this Agreement shall, at the Village's option, be null and void.

D. **Sexual Harassment Policy.** The Consultant certifies that it has a written sexual harassment policy in full compliance with Section 2-105(A)(4) of the Illinois Human Rights Act, 775 ILCS 512-105(A)(4).

E. **Termination**. Notwithstanding any other provision hereof, the Village may terminate this Agreement, without cause, at any time upon 15 calendar days prior written notice to the Consultant. In the event that this Agreement is so terminated, the Consultant shall be paid for Services actually performed and reimbursable expenses actually incurred, if any, prior to termination, not exceeding the value of the Services completed as determined as provided in Exhibit A.

F. **Term**. The Time of Performance of this Agreement, unless terminated pursuant to the terms of this Agreement, shall be for 1 year with four (4) possible 1-year extensions upon mutual agreement by both parties. At the end of any term, the Village of Buffalo Grove reserves the right to extend this Agreement for a period of up to sixty (60) days for the purpose of getting a new agreement in place.

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

SECTION 7. CONSULTANT AGREEMENT GENERAL PROVISIONS (cont.)

G. **Compliance with Laws and Grants.** Consultant shall give all notices, pay all fees, and take all other action that may be necessary to ensure that the Services are provided, performed, and completed in accordance with all required governmental permits, licenses, or other approvals and authorizations that may be required in connection with providing, performing, and completing the Services, and with all applicable statutes, ordinances, rules, and regulations, including without limitation the Fair Labor Standards Act; any statutes regarding qualification to do business; any statutes prohibiting discrimination because of, or requiring affirmative action based on, race, creed, color, national origin, age, sex, or other prohibited classification, including, without limitation, the Americans with Disabilities Act of 1990, 42 U.S.C. §§ 12101 et seq., and the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq. Consultant shall also comply with all conditions of any federal, state, or local grant received by Owner or Consultant with respect to this Contract or the Services.

Consultant shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi-governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Consultant's, or its subcontractors', performance of, or failure to perform, the Services or any part thereof.

Every provision of law required by law to be inserted into this Contract shall be deemed to be inserted herein.

H. **Default.** if it should appear at any time that the Consultant has failed or refused to prosecute, or has delayed in the prosecution of, the Services with diligence at a rate that assures completion of the Services in full compliance with the requirements of this Agreement, or has otherwise failed, refused, or delayed to perform or satisfy the Services or any other requirement of this Agreement ("Event of Default"), and fails to cure any such Event of Default within fourteen (14) calendar days after the Consultant's receipt of written notice of such Event of Default from the Village, then the Village shall have the right, without prejudice to any other remedies provided by law or equity, to pursue any one or more of the following remedies:

1. **Cure by Consultant.** The Village may require the Consultant, within a reasonable time, to complete or correct all or any part of the Services that are the subject of the Event of Default; and to take any or all other action necessary to bring the Consultant and the Services into compliance with this Agreement.

2. **Termination of Agreement by Village.** The Village may terminate this Agreement without liability for further payment of amounts due or to become due under this Agreement.

3. **Withholding of Payment by Village.** The Village may withhold from any payment, whether or not previously approved, or may recover from the Consultant, any and all costs, including attorneys' fees and administrative expenses, incurred by the Village as the result of any Event of Default by the Consultant or as a result of actions taken by the Village in response to any Event of Default by the Consultant.

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

SECTION 7. CONSULTANT AGREEMENT GENERAL PROVISIONS (cont.)

I. **No Additional Obligation.** The Parties acknowledge and agree that the Village is under no obligation under this Agreement or otherwise to negotiate or enter into any other or additional contracts or agreements with the Consultant or with any vendor solicited or recommended by the Consultant.

J. **Village Board Authority**. Notwithstanding any provision of this Agreement, any negotiations or agreements with, or representations by the Consultant to vendors shall be subject to the approval of the Village Board of Trustees. The Village shall not be liable to any vendor or other third party for any agreements made by the Consultant, purportedly on behalf of the Village, without the knowledge and approval of the Village Board of Trustees.

K. **Mutual Cooperation**. The Village agrees to cooperate with the Consultant in the performance of the Services, including meeting with the Consultant and providing the Consultant with such non-confidential information that the Village may have that may be relevant and helpful to the Consultant's performance of the Services. The Consultant agrees to cooperate with the Village in the performance of the Services to complete the Work and with any other consultants engaged by the Village.

L. **News Releases**. The Consultant shall not issue any news releases or other public statements regarding the Services without prior approval from the Director.

M. **Ownership**. Designs, drawings, plans, specifications, photos, reports, information, observations, calculations, notes, and any other documents, data, or information, in any form, prepared, collected, or received by the Consultant in connection with any or all of the Services to be performed under this Agreement ("Documents") shall be and remain the exclusive property of the Village. At the Village's request, or upon termination of this Agreement, the Consultant shall cause the Documents to be promptly delivered to the Village.

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

SECTION 7. CONSULTANT AGREEMENT GENERAL PROVISIONS (cont.)

N. **Joint Purchasing/Purchasing Extension**

The purchase of goods and services pursuant to the terms of this Agreement shall also be offered for purchases to be made by other Municipalities, as authorized by the Governmental Joint Purchasing Act, 30 ILCS 525/0.01, et seq. (the "Act"). All purchases and payments made under the Act shall be made directly by and between each municipality and the Consultant. The Consultant agrees that the Village of Buffalo Grove shall not be responsible in any way for purchase orders or payments made by the other Municipalities. The Consultant further agrees that all terms and conditions of this Agreement shall continue in full force and effect as to other Municipalities during the extended term of this Agreement.

The Consultant and the other Municipalities may negotiate such other and further terms and conditions to this Agreement ("Other Terms") as individual projects may require. In order to be effective, Other Terms shall be reduced to writing and signed by a duly authorized representative of both the Consultant and the other municipality.

The Consultant shall provide other Municipalities with all documentation as required in the Request for Proposals, and as otherwise required by the Village including, but not limited to:

- Certificate of insurance naming each additional municipality as an additional insured

SECTION 8. GENERAL PROVISIONS.

A. **Amendment.** No amendment or modification to this Agreement shall be effective unless and until such amendment or modification is in writing, properly approved in accordance with applicable procedures, and executed.

B. **Assignment**. This Agreement may not be assigned by the Village or by the Consultant without the prior written consent of the other party.

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

SECTION 8. GENERAL PROVISIONS (cont)

C. **Binding Effect.** The terms of this Agreement shall bind and inure to the benefit of the Parties hereto and their agents, successors, and assigns.

D. **Notice**. Any notice or communication required or permitted to be given under this Agreement shall be in writing and shall be delivered (i) personally, (ii) by a reputable overnight courier, (iii) by certified mail and deposited in the U.S. Mail, postage prepaid, (iv) by facsimile, or (v) by electronic Internet mail ("e-mail"). Facsimile notices shall be deemed valid only to the extent that they are (a) actually received by the individual to whom addressed and (b) followed by delivery of actual notice in the manner described in either (i), (ii), or (iii) above within three business days thereafter at the appropriate address set forth below. E-mail notices shall be deemed valid and received by the addressee thereof when delivered by e-mail and (a) opened by the recipient on a business day at the address set forth below, and (b) followed by delivery of actual notice in the manner described in either (i), (ii) or (iii) above within three business days thereafter at the appropriate address set forth below. Unless otherwise expressly provided in this Agreement, notices shall be deemed received upon the earlier of (a) actual receipt; (b) one business day after deposit with an overnight courier as evidenced by a receipt of deposit; or (c) three business days following deposit in the U.S. mail. By notice complying with the requirements of this Subsection, each Party shall have the right to change the address or the addressee, or both, for all future notices and communications to such party, but no notice of a change of addressee or address shall be effective until actually received.

Notices and communications to the Village shall be addressed to, and delivered at, the following addresses:

Village of Buffalo Grove. ("Village")
50 Raupp Blvd
Buffalo Grove, IL 60089
Attention: Mike Skibbe
Email:mskibbe@vbg.org
cc:pbrankin@vbg.org

50 Raupp Blvd
Buffalo Grove, IL 60089
Attention: Tom Wisniewski
Email:tcwisniewski@vbg.org

Notices and communications to the Consultant shall be addressed to, and delivered at, the following address:

FGM Architects ("Consultant")
1211 W 22nd St #700
Oak Brook, IL 60523
Attention: Jason Estes
Email: JasonEstes@fgmarchitects.com

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

SECTION 8. GENERAL PROVISIONS (cont)

E. **Third Party Beneficiary.** No claim as a third party beneficiary under this Agreement by any person, firm, or corporation other than the Consultant shall be made or be valid against the Village.

F. **Provisions Severable**. If any term, covenant, condition, or provision of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remainder of the provisions shall remain in full force and effect and shall in no way be affected, impaired or invalidated.

G. **Time**. Time is of the essence in the performance of this Agreement.

H. **Governing Laws.** This Agreement shall be interpreted according to the internal laws, but not the conflict of laws rules, of the State of Illinois. Venue shall be in Cook County, Illinois

I. **Entire Agreement**. This Agreement constitutes the entire agreement between the parties and supersedes any and all previous or contemporaneous oral or written agreements and negotiations between the Village and the Consultant with respect to the Request for Proposal.

J. **Waiver.** No waiver of any provision of this Agreement shall be deemed to or constitute a waiver of any other provision of this Agreement (whether or not similar) nor shall any such waiver be deemed to or constitute a continuing waiver unless otherwise expressly provided in this Agreement.

K. **Exhibit.** Exhibit A is attached hereto, and by this reference incorporated in and made a part of this Agreement. In the event of a conflict between the Exhibit and the text of this Agreement, the text of this Agreement shall control.

L. **Rights** Cumulative. Unless expressly provided to the contrary in this Agreement, each and every one of the rights, remedies, and benefits provided by this Agreement shall be cumulative and shall not be exclusive of any other such rights, remedies, and benefits allowed by law.

M. **Counterpart Execution.** This Agreement may be executed in several counterparts, each of which, when executed, shall be deemed to be an original, but all of which together shall constitute one and the same instrument.

N. **Rights Cumulative.** Unless expressly provided to the contrary in this Agreement, each and every one of the rights, remedies, and benefits provided by this Agreement shall be cumulative and shall not be exclusive of any other such rights, remedies, and benefits allowed by law.

O. **No Waiver of Tort Immunity.** Nothing contained in this Agreement shall constitute a waiver by the Village of any right, privilege or defense available to the Village under statutory or common law, including, but not limited to, the Illinois Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10/1-101 et seq., as amended.

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

SECTION 8. GENERAL PROVISIONS (cont)

P. **Freedom of Information.** Consultant agrees to furnish all documentation related to this Agreement and any documentation related to the Village required under an Illinois Freedom of Information Act (ILCS 140/1 et. seq.) ("FOIA") request within five (5) calendar days after Village issues notice of such request to Contractor. Contractor agrees to defend, indemnify and hold harmless the Village, and agrees to pay all reasonable costs connected therewith (including, but not limited to reasonable attorney's and witness fees, filing fees and any other expenses) for the Village to defend any and all causes, actions, causes of action, disputes, prosecutions, or conflicts arising from Consultant's, actual or alleged violation of the FOIA or Consultant's failure to furnish all documentation related to a request within five (5) calendar days after Village issues notice of a request.
Furthermore, should Consultant request that Village utilize a lawful exemption under FOIA in relation to any FOIA request thereby denying that request, Consultant agrees to pay all costs connected therewith (such as reasonable attorneys' and witness fees, filing fees and any other expenses) to defend the denial of the request. The defense shall include, but not be limited to, challenged or appealed denials of FOIA requests to either the Illinois Attorney General or a court of competent jurisdiction. Consultant agrees to defend, indemnify and hold harmless the Village, and agrees to pay all costs connected therewith (such as reasonable attorneys' and witness fees, filing fees and any other expenses) to defend any denial of a FOIA request by Consultant's request to utilize a lawful exemption to the Village.

Acknowledgement.

The undersigned hereby represent and acknowledge that they have read the foregoing Agreement, that they know its contents, and that in executing this Agreement they have received legal advice regarding the legal rights of the party on whose behalf they are executing this Agreement, and that they are executing this Agreement as a free and voluntary act and on behalf of the named parties.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the dates set forth below.

VILLAGE OF BUFFALO GROVE

By: _____
Dane Bragg, Village Manager

Date:_____

FGM Architects

By:_____

Title: _____

Date:_____

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

Exhibit A.
Schedule of Prices

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

FGM ARCHITECTS

VoBG Client Fee Schedule

2023

Addition/Renovation:

Lower Limit	Upper Limit	Fee
$0	$1,000,000	Hourly or Negotiated Lump Sum
$1,000,000	$5,000,000	9.50%
$5,000,000	$10,000,000	9.00%
$10,000,000	$20,000,000	8.50%
$20,000,000		Negotiated/Max 8.00% Sum

New:

Lower Limit	Upper Limit	Fee
$0	$1,000,000	Hourly or Negotiated Lump Sum
$1,000,000	$5,000,000	9.00%
$5,000,000	$10,000,000	8.50%
$10,000,000	$20,000,000	8.00%
$20,000,000		Negotiated/Max 7.50% Sum

Basis of Compensation for work: Percentage of the lowest qualified construction proposal including all pre-approved alternates (80% of fee for alternates not accepted and 100% of fee for that are accepted) and any Owner approved change orders issued during construction (other than those caused by error on the part of FGM) including a cost of general conditions and costs of management or supervision of construction or installation provided by a separate construction manager or contractor plus a reasonable allowance for their overhead and profit. These schedules are for a single construction contract per site. For multiple contracts the fee shall be adjusted during negotiation.

Percentages are based upon standard project parameters and requirements. All fees will be evaluated on a case by case basis, and adjusted based upon necessary discipline requirements, project scope, and project duration.

Fees include "normal" site observation defined as "an average of one day per week for the duration of construction". Fees are inclusive of normal structural and mechanical, electrical, plumbing and fire protection engineering; and phone, fax, postage and other miscellaneous expenses. Fees are exclusive of code required inspections. Reimbursable expenses would include travel, delivery service, reproductions, and non-ordinary requests of the client including models, renderings, environmental consultants and other specialty consultants, etc.

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

FGMARCHITECTS

FGM Architects Inc.
Hourly Billing Rates

Effective February 1, 2023*

Principal	$300.00
Arch IV	260.00
Arch III	220.00
Arch II	180.00
Arch I	140.00
Interior Designer IV	240.00
Interior Designer III	200.00
Interior Designer II	160.00
Interior Designer I	120.00
Project Administrator	135.00

**Rates are subject to adjustment each November 1st.*

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

Exhibit B.
Description of Work

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

FGMARCHITECTS

January 13, 2024

Tom Wisniewski
Village of Buffalo Grove
50 Raupp Blvd
Buffalo Grove, Illinois 60089

Subject: Master Agreement – FGMA Scope of Services

Dear Mr. Wisniewski,

Applicable services provided will depend upon the independent project that the Village authorized via amendment with FGMA. Not all projects require all services. The following list quantifies services the FGMA is able to provide, and may typically provide on a typical project. It also includes some additional services that FGMA can offer the Village, but may not be in our basic scope.

FGMA Scope of Services

- Master Planning
- Space Needs Assessment (SNA)
- Facility Analysis
- Project Management
- Architectural Design
    - Schematic Design
    - Design Development
    - Construction Documentation
    - Interior Design
    - Includes utilization of third party consultants for Engineering services
        - Civil Engineering
        - Landscape Architecture
        - Structural Engineering
        - Mechanical, Plumbing, Electrical, & Fire Protection Engineering
        - Low Voltage Design
- Bidding and Negotiations
- Construction Administration
- FF&E and Owner Vendor coordination

Optional Services

- Furniture Design
- LEED certification
- Third party consultants
    - Geotechnical Engineering
    - Site Topographic Survey
    - Commissioning
    - Cost Estimation

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

FGMARCHITECTS

Sincerely,

Jason Estes, AIA | Principal
jasonestes@fgmarchitects.com

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

JASON ESTES, AIA

Vice President & Principal

"I thoroughly enjoy solving problems using architecture as a tool."

Jason has a vast amount of experience working on municipal and public sector projects. He is skilled in the design of new facilities as well as the expansion and remodeling of existing facilities. Jason's in-depth knowledge of municipal facilities, together with his leadership abilities, has resulted in successful projects, admiration from clients and award recognition.

EDUCATION
BS in Architecture
Illinois Institute of Technology

LICENSES & CERTIFICATIONS
Registered Architect | Illinois, Wisconsin

MEMBERSHIPS
American Institute of Architects

Illinois Association of Fire Protection Districts

Illinois Fire Chiefs Association

Kane County Fire Chiefs

National Council of Architectural Registration Boards NCARB Certification

Illinois Municipal League

PROJECT ROLE

Principal-in-Charge

EXPERIENCE

TINLEY PARK FD, IL
Station No. 47 *NEW*

CHANNAHON FPD, IL
Fire Station No. 2 *NEW*

BARTLETT FPD, IL
District-wide
FACILITY SPACE NEEDS ANALYSIS
Station No. 1 *STUDY*
Station No. 2 *RENOVATION*
Station No. 2 *STUDY*

ANTIOCH TOWNSHIP FPD, IL
Antioch FD Stations 1, 2 & 3
STUDY

GURNEE FD, IL
Station No. 3 *NEW*

CITY OF CUDAHY, WI
Fire Station *PLANNING STUDY*

VILLAGE OF CLARENDON HILLS, IL
Village Wide (VH/PW/FD/
Train Station) *FACILITIES STUDY*

ELGIN FD, IL
Department-Wide
FACILITY SPACE NEEDS STUDY
Station No. 6 *NEW*
Station No. 7 *NEW*
Station No. 8 *FEASIBILITY STUDY*
Station No. 8
PLANNING & PROGRAMMING

ELK GROVE VILLAGE FD, IL
Station No. 10 *NEW*
Station No. 8 *NEW*

ARLINGTON HEIGHTS FD, IL
Station No. 4 *ADDITION & RENOVATION*
Station No. 3 *ADDITION & RENOVATION*

GREATER ROUND LAKE FPD, IL
Station No. 1 *RENOVATION*
Station No. 2 *RENOVATION*
Station No. 3 *RENOVATION*

ADDISON FPD, IL
HQ Station No. 1 *RENOVATION*
Station No. 2 *ADDITION & RENOVATION*

BRISTOL KENDALL FPD, IL
Station No. 2 *NEW*
Station No. 3 *NEW*
Station No. 1 Administrative
SPACE NEEDS STUDY
Station No. 1 Bunk Room
RENOVATION
Station No. 1 Dayroom/Kitchen
RENOVATION
Station No. 1 Pavement
Replacement *RENOVATION*
Station No. 1 Flooring
Replacement *RENOVATION*

ELMHURST FD, IL
Station No. 2 *SPACE NEEDS STUDY*
Station No. 2 *NEW*

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

ELIZABETH CERNY, AIA

Senior Associate

"My passion is to create a space that is both functional and inspiring.'

Beth offers talent, passion and dedication to each project she touches. She is an adept problem solver and a skilled collaborator in the design process, working closely with the project team to help ensure that each client's project goals are incorporated into the design. As a key member of your project team, Beth will see your project through from conception until final completion.

EDUCATION
M of Architecture | University of Minnesota

BS in Architecture | University of Minnesota

LICENSES & CERTIFICATIONS
Registered Architect | Illinois

NCARB Certification

MEMBERSHIPS
American Institute of Architects

National Council of Architectural Registration Boards

**Project completed while Beth was affiliated with another firm.*

PROJECT ROLE

Project Manager

EXPERIENCE

TINLEY PARK FD, IL
Station No. 47 *NEW*

SUPERIOR AMBULANCE SERVICE, IL
Highland, Indiana Station *RENOVATION*
Elmhurst, Illinois Office *RENOVATION*

BEECHER FD, IL
HQ Station *ADDITION & RENOVATION*

ELK GROVE VILLAGE FD, IL
Fire Station No. 8 *NEW CONSTRUCTION*
Fire Station No. 10 *NEW CONSTRUCTION*

HARLEM-ROSCOE FPD, IL
Station No. 2 *ADDITION & RENOVATION*
Station No. 3 *ADDITION & RENOVATION*

VILLAGE OF MOUNT PROSPECT, IL
Fire & Police Department *SPACE NEEDS STUDY*

ROMEOVILLE FD, IL*
Station No. 8 *NEW*

VILLAGE OF LOMBARD, IL*
Fire, Village Hall, Police & Public Works *FACILITY NEEDS ASSESSMENT*

VILLAGE OF ROSEMONT, IL
Public Safety Building *NEW*

VILLAGE OF CARY, IL
Village Hall and Police Station *NEW*

CITY OF RACINE, WI
Public Safety Building (PD/FD) *SPACE NEEDS STUDY*

CITY OF OCONOMOWOC, WI
Public Safety Facility *NEW*

KENOSHA JOINT SERVICES, WI
Evidence Facility *RENOVATION*

CITY OF ELMHURST, IL
Police Department *SPACE NEEDS STUDY*

VILLAGE OF ADDISON, IL
911 Communication Center *NEW*

VILLAGE OF BROADVIEW, IL
Police Station *SPACE NEEDS STUDY*
Village Hall, Police Station and 911 *ADDITION & RENOVATION*

CITY OF MCHENRY, IL
Police 911 Communication Center & Administration *RENOVATION*

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

RAEGAN PORTER, IIDA, NCIDQ, LEED AP ID+C

Vice President & Principal

"I want to create exciting spaces that make people feel good."

Raegan has a diverse background in recreation, municipal, educational and contract design. She translates her client's needs into creative, functional space plans and with skillfully selected materials brings their vision to life. Her goal for clients is to create an overall experience for the communities using her spaces.

EDUCATION
BA in Interior Architecture
Columbia College Chicago

LICENSES & CERTIFICATIONS
Interior Designer | Illinois | 2011

MEMBERSHIPS
International Interior Design Association

Board Member National Council for Interior Design Qualification

U.S. Green Building Council

THOUGHT LEADERSHIP
Presentation at 2019 SSD Conference

**Project completed while Raegan was affiliated with another firm.*

PROJECT ROLE

Interior Designer

EXPERIENCE

TINLEY PARK FD, IL
Station No. 47 *NEW*

EAST DUNDEE FPD, IL
HQ Station *NEW*

ELK GROVE VILLAGE FD, IL
Station No. 10 *NEW*
Station No. 8 *NEW*

GREATER ROUND LAKE FPD, IL
Station No. 1 *RENOVATION*

LAKE VILLA FPD, IL
Station No. 2 *ADDITION & RENOVATION*

LOCKPORT TOWNSHIP FPD, IL
Station No. 1 *NEW*

STREAMWOOD FD, IL
Headquarters Station *NEW*
Stations No. 32 & 33
ADDITION & RENOVATION

WEST CHICAGO FPD, IL
West Station No. 2 *NEW*
Station No. 3 *NEW*
Station No. 1 *RENOVATION*

ROCKFORD FD, IL
Station No. 3 *NEW*

CITY OF EDWARDSVILLE, IL
Public Safety Facility (FD/PD) *NEW*

ELBURN & COUNTRYSIDE FPD, IL
HQ Station *NEW*

HARLEM-ROSCOE FPD, IL
Station No. 1 *ADDITION & RENOVATION*
Station No. 2 *ADDITION & RENOVATION*
Station No. 3 *ADDITION & RENOVATION*

OSWEGO FPD, IL
Central Station *NEW*

FRANKFORT FPD, IL
Station No. 4 *NEW*
Station No. 5 *NEW*

MUNDELEIN FD, IL
HQ Station No. 1 *NEW*
Station No. 2 *NEW*

CITY OF CUDAHY, WI
Combined Fire Station *NEW*

VILLAGE OF CALEDONIA, WI
Fire & Police *STUDY*
Fire & Police Building *NEW*

CITY OF LINCOLN, IL
Fire Department/Police Department *MASTER PLAN*

VILLAGE OF ROXANA, IL
Fire, Village Hall & Police

Attachment: Arch Agreement 2024 Final (2024-3 : Architectural Services)

Resolution No. R-2024-5 : Approve a Resolution Authorizing the Village Manager to Execute a Consent Agreement for Bison Crossing

Recommendation of Action

Staff recommends approval

SUMMARY: As part of the Bison Crossing development, the Village is being requested to approve the attached consent agreement. The consent agreement is part of an amendment to the existing cross access agreement between the Park District and the developer.

ATTACHMENTS:

- Shorewood & Park Dist Agreement (DOCX)
- Resolution (DOCX)
- Village of Buffalo Grove Consent to Shared Driveway Access Easement Agreement (93035173v1)-c (002) (DOCX)

Trustee Liaison
Stein

Staff Contact
Chris Stilling, Community Development

Monday, February 5, 2024	

VILLAGE OF BUFFALO GROVE

DATE: February 1, 2024

TO: Dane Bragg, Village Manager

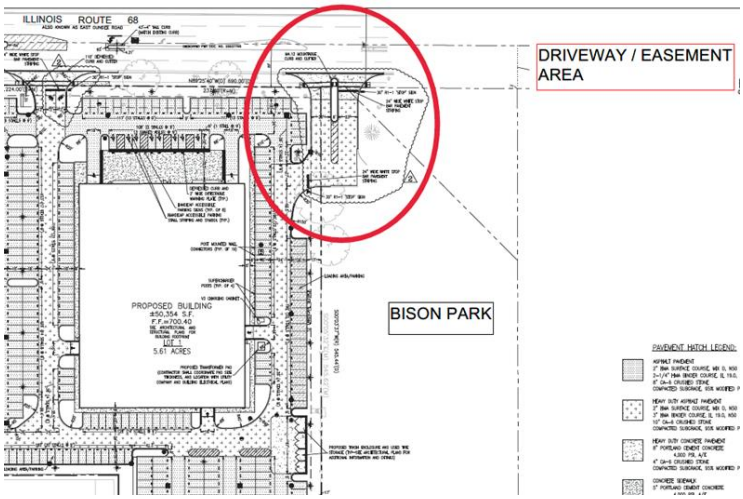
FROM: Chris Stilling, Deputy Village Manager

SUBJECT: Bison Crossing Access Easement

RECOMMENDATION

Staff recommends that the Village Board approve the attached Resolution authorizing the Village Manager to execute the attached consent agreement.

BACKGROUND



The recently approved Bison Crossing Development on Dundee is currently served by an existing cross access agreement with the Park District (Bison Park) to the east. To facilitate the new Tesla project, Shorewood and the Park District are required to amend the current easement agreement to accommodate the changes with Tesla. Both parties have come to terms on that amendment, however, they have requested that the Village sign the attached consent agreement. The consent agreement does not bind the Village to any matters. Rather, the consent is intended to provide acknowledgement of the amendment between the Park District and Shorewood given that the Village was the prior owner of Bison Park and maintained a right of reverter in the deed in the event the property was not used for its intended purposes. The consent waives that right of reverter for the limited purposes of allowing the easement and is null and void in the event the improvements are not constructed in accordance with the easement agreement. The plans associated with the amended easement are consistent with the approved Planned Development ordinance.

The Village Attorney has reviewed the agreement and the Park District has already approved the amendment to the cross access at their meeting on January 22, 2024.

RESOLUTION 2024-____

A RESOLUTION AUTHORIZING EXECUTION OF A CONSENT AGREEMENT WITH SDG DUNDEE RD LLC

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, SDG Dundee Rd LLC is the owner of certain real property located in the Village of Buffalo Grove, Wheeling Township, Cook County, Illinois, commonly known as 915 Dundee Rd., Buffalo Grove, Illinois 60089; and

Whereas, SDG Dundee Rd LLC and the Buffalo Grove Park District, Illinois, an Illinois Park District ("Buffalo Grove Park District") entered into that certain Nonexclusive Driveway Access Easement Agreement; ("Easement Agreement") and

Whereas, The Village is the holder of certain rights of reverter contained pursuant to a Warranty Deed dated August 8, 1978, recorded on August 8, 1978, as Document No. 24573053 ("Village Deed") in the Cook County, Illinois Recorder of Deeds with respect to Bison Park; and

Whereas, the Village has agreed to consent to the terms of the Easement Agreement and to subject and subordinate the Village's right of reverter contained in the Village Deed to said Easement Agreement, only insofar as required under the Village Deed to allow for the improvements set forth in the Easement Agreement, all conditioned upon SDG Dundee Rd LLC's satisfaction of the terms and conditions set forth in this Consent Agreement attached as Exhibit A.

NOW THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows**:**

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Resolution as if fully set forth herein.

SECTION 2. The Village Manager is authorized to execute the Consent Agreement with SDG Dundee Rd LLC.

SECTION 3. If any section, paragraph, clause or provision of this Resolution shall be held invalid, the invalidity thereof shall not affect any other provision of this Resolution.

SECTION 4. This Resolution shall be in full force and effect from and after its passage and approval and not be codified.

AYES: _____
NAYES: _____
ABSENT: _____
PASSED: _____, 2024
APPROVED: _____, 2024

APPROVED:

_____
Eric N. Smith, Village President

ATTEST:

_____
Janet Sirabian, Village Clerk

Attachment: Resolution (R-2024-5 : Resolution Authorizing the Village Manager to Execute a Consent Agreement for Bison Crossing)

Attachment: Village of Buffalo Grove Consent to Shared Driveway Access Easement Agreement (93035173v1)-c (002) (R-2024-5 : Resolution

This instrument was prepared by and after recording return to:

Wesley K. Dagestad
Polsinelli PC
150 N. Riverside Plaza, Suite 3000
Chicago, Illinois 60606

CONSENT TO NONEXCLUSIVE DRIVEWAY ACCESS EASEMENT AGREEMENT

THIS CONSENT TO NONEXCLUSIVE DRIVEWAY ACCESS EASEMENT AGREEMENT (the "**Consent**") is made this ____ day of _____, 2024, by and between the **VILLAGE OF BUFFALO GROVE**, an Illinois home rule municipal corporation (the "**Village**"), and **SDG DUNDEE RD LLC**, an Illinois limited liability company ("**Lot 1 Owner**").

R E C I T A L S

A. Lot 1 Owner is the owner of certain real property located in the Village of Buffalo Grove, Wheeling Township, Cook County, Illinois, commonly known as 915 Dundee Rd., Buffalo Grove, Illinois 60089 ("**Lot 1**"), which is legally described on **Exhibit A** attached hereto and incorporated herein by reference.

B. Lot 1 Owner and the Buffalo Grove Park District, Illinois, an Illinois Park District ("**Buffalo Grove Park District**") entered into that certain Nonexclusive Driveway Access Easement Agreement dated January __, 2024, recorded on _____, 2024 as Document No. _____ in the Cook County Recorder of Deeds (the "**Easement Agreement**") whereby Buffalo Grove and Lot 1 Owner agreed to the covenants, conditions, easements, and terms and conditions related to a portion of Bison Park, which is legally described on **Exhibit B** attached hereto and incorporated herein by reference.

C. The Village is the holder of certain rights of reverter contained pursuant to that certain Warranty Deed dated August 8, 1978, recorded on August 8, 1978, as Document No. 24573053 in the Cook County, Illinois Recorder of Deeds (the "**Village Deed**") with respect to Bison Park.

D. The Village has agreed to consent to the terms of the Easement Agreement and to subject and subordinate the Village's right of reverter contained in the Village Deed to said Easement Agreement, only insofar as required under the Village Deed to allow for the improvements set forth in the Easement Agreement, all conditioned upon Lot 1 Owner's satisfaction of the terms and conditions set forth in this Consent.

Attachment: Village of Buffalo Grove Consent to Shared Driveway Access Easement Agreement (93035173v1)-c (002) (R-2024-5 : Resolution

NOW, THEREFORE, in consideration of the foregoing Recitals, the execution of this Consent by the Village and Lot 1 Owner hereto, the mutual covenants and agreements contained herein, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the Village and Lot 1 Owner hereto, it is agreed as follows:

1. Village Consent to Easement Agreement. The undersigned, Village, as the holder of that certain right of reverter contained in the Village Deed, hereby joins in the execution of this Easement Agreement to evidence the agreement of, and consent by, the Buffalo Grove Park District to the easements, covenants, conditions and restrictions set forth in the Easement Agreement and to subject and subordinate the Village's right of reverter contained in the Village Deed to said Easement Agreement only insofar as is required to allow for the improvements set forth in the Easement Agreement. In addition, in the event the New Access Improvements set forth in the Easement Agreement are not constructed as identified in the Easement Agreement, then this consent from the Village shall be null and void. For the avoidance of doubt, the Village's inspection and approval of the New Access Improvements or a Certificate of Occupancy being issued with respect to the Lot 1 Development shall be conclusive evidence that the New Access Improvements were constructed as identified in the Easement Agreement, and that the Village consent set forth herein shall be valid.

2. Capitalization. Except as specified by this Consent, capitalized terms used herein but not otherwise defined shall have the meanings ascribed thereto in the Easement Agreement.

3. Exhibits. All exhibits referred to herein and attached hereto shall be deemed part of this Amendment.

4. Effect of Consent. The terms of this Consent shall in no way amend or modify the rights, obligations, and other terms and conditions of the Easement Agreement. The Easement Agreement shall remain in full force and shall not be further amended or modified unless agreed to in writing by the parties thereto.

[Signature Page Follows]

93035173.1

IN WITNESS WHEREOF, the parties have executed this Consent to Nonexclusive Driveway Access Easement Agreement as of the day and year first above written.

THE VILLAGE OF BUFFALO GROVE,
an Illinois home rule municipal corporation

By: _____
Name: _____
Title: _____

STATE OF ILLINOIS)
) ss.
COUNTY OF COOK)

The foregoing instrument was acknowledged before me this ___ day of _____, 2024, by _____, the _____of [_____], on behalf of said _____.

_____

Printed Name: _____

Notary Public, State of Illinois, County of _____.

My commission expires:_____.

Acting in the County of Cook.

[Signatures Continue on Following Page]

Signature Page to Consent to Nonexclusive Driveway Access Easement Agreement

93035173.1

93035173.1

Attachment: Village of Buffalo Grove Consent to Shared Driveway Access Easement Agreement (93035173v1)-c (002) (R-2024-5 : Resolution

Attachment: Village of Buffalo Grove Consent to Shared Driveway Access Easement Agreement (93035173v1)-c (002) (R-2024-5 : Resolution

LOT 1 OWNER:

SDG DUNDEE RD LLC,
an Illinois limited liability company

By: _____
Name: Louis Schriber III
Title: Manager

STATE OF ILLINOIS)
) ss.
COUNTY OF COOK)

The foregoing instrument was acknowledged before me this ___ day of _____, 2024, by Louis Schriber III, the Manager of SDG Dundee RD LLC, an Illinois limited liability company, on behalf of said limited liability company.

_____

Printed Name: _____

Notary Public, State of Illinois, County of _____.

My commission expires:_____.

Acting in the County of Cook.

Signature Page to Consent to Nonexclusive Driveway Access Easement Agreement

93035173.1

EXHIBIT A

LEGAL DESCRIPTION OF LOT 1

THAT PART OF LOT 1 AND LOT 2 IN THE RESUBDIVISION RECORDED JANUARY 31, 1980 AS DOCUMENT 25344703, BEING A RESUBDIVISION OF LOT 1 IN GRAND SPAULDING DODGE SUBDIVISION RECORDED DECEMBER 17, 1976 AS DOCUMENT 23752075, SAID RESUBDIVISION BEING IN THE EAST HALF OF THE NORTHWEST QUARTER OF SECTION 8, TOWNSHIP 42 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 2; THENCE SOUTH 0 DEGREES 05 MINUTES 32 SECONDS EAST ALONG THE EAST LINE OF SAID LOT 2, A DISTANCE OF 545.62 FEET TO A CORNER OF SAID LOT 2 COMMON TO THE NORTH CORNER OF LOT 3 IN SAID RESUBDIVISION; THENCE SOUTH 20 DEGREES 09 MINUTES 12 SECONDS WEST ALONG THE WESTERLY LINE OF SAID LOT 3, A DISTANCE OF 183.33 FEET TO THE CORNER OF SAID LOT 2 COMMON TO THE SOUTH CORNER OF SAID LOT 3 IN SAID RESUBDIVISION; THENCE SOUTH 40 DEGREES 30 MINUTES 32 SECONDS WEST ALONG THE SOUTHEASTERLY LINE OF SAID LOT 2, A DISTANCE OF 13.36 FEET; THENCE SOUTH 89 DEGREES 54 MINUTES 28 SECONDS WEST, 164.77 FEET; THENCE NORTH 0 DEGREES 05 MINUTES 32 SECONDS WEST, 276.47 FEET; THENCE SOUTH 89 DEGREES 54 MINUTES 28 SECONDS WEST, 171.59 FEET; THENCE NORTH 0 DEGREES 05 MINUTES 32 SECONDS WEST, 454.72 FEET TO THE NORTH LINE OF LOT 1 IN SAID RESUBDIVISION; THENCE SOUTH 89 DEGREES 36 MINUTES 43 SECONDS EAST ALONG SAID NORTH LINE AND ALONG THE NORTH LINE OF LOT 2 IN SAID RESUBDIVISION, 408.51 FEET TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

ALSO KNOWN AS LOT 1 SHOWN ON THE PROPOSED PLAT OF SUBDIVISION OF BISON CROSSING.

93035173.1

Attachment: Village of Buffalo Grove Consent to Shared Driveway Access Easement Agreement (93035173v1)-c (002) (R-2024-5 : Resolution

EXHIBIT B

LEGAL DESCRIPTION OF BISON PARK

That part of the West 1/2 of Section 8, Township 42 North, Range 11, East of the Third Principal Meridian, bounded by a line described as follows: Commencing at a point in the North line of the Northwest 1/4 of said Section 8, said point being 117.86 feet West of (as measured along said North line which bears North 89° 25'40" West), the Northeast corner of said Northwest 1/4 Section; thence South 00° 03'37" West, 250.00 feet to the point of beginning of the parcel to be described; thence continuing South 00° 03'37" West, 62.1.20 feet to a point in the South line of the North 871.20 feet of the East 1/2 of the Northwest 1/4 of said Section 8; thence North 89° 25"40" West, along the last mentioned South line, 380.00 feet; thence North 40° 32'20" East, 232.44 feet; thence North 00° 03'37" East, 643.14 feet to a point in the South line of Dundee Road as dedicated per Document No. 21118215; thence South 89° 25'40" East, along said South line of Dundee Road, 29.00 feet; thence South 44° 41'02" East, 284.10 feet to a point of beginning, in Cook County, Illinois being also the same parcel of land dedicated to the Village of Buffalo Grove, Cook County, Illinois, on the plat of "Grand Spaulding Dodge" being a subdivision of part of the West 1/2 of Section 8, in the Township and Range aforesaid, as now platted and recorded.

93035173.1

Attachment: Village of Buffalo Grove Consent to Shared Driveway Access Easement Agreement (93035173v1)-c (002) (R-2024-5 : Resolution

Ordinance No. O-2024-17 : An Ordinance Authorizing Execution of a Contract with Aldridge Electric Inc. for Streetlight Maintenance

Recommendation of Action

Staff recommends approval

Summary: Staff recommends the Village Board waive competitive bidding and approve the proposed negotiated street light maintenance contract with Aldridge Electric Inc. for 2024 in the amount not to exceed $264,268.45.

ATTACHMENTS:

- 2024 Street Light Maintenance Contract Memo (DOCX)
- Aldridge Ordinance 2024 (DOCX)
- FY24 Street Light Contract - Final (PDF)

Trustee Liaison
Bocek

Staff Contact
Jim Warnstedt, Public Works

Monday, February 5, 2024	

VILLAGE OF
BUFFALO GROVE

DATE: January 26, 2024

TO: Brett Robinson, Administrative Services Director

FROM: Bryan Beitzel, Maintenance Superintendent

RE: Street Light Maintenance Contract

Recommendation

Staff recommends the Village Board waive competitive bidding and approve the proposed negotiated street light maintenance contract with Aldridge Electric Inc. for 2024 in the amount not to exceed $264,268.45.

Background Information

Aldridge Electric Inc. has been the contractual service provider for street light maintenance for the Village of Buffalo Grove for over two (2) decades. They are familiar with the scope of work necessary to fulfill our annual maintenance needs as well as our Cartegraph asset management system.

The annual contract for street light maintenance includes both proactive and reactive work, including the inspection of poles and bulb relamping for a designated portion of the community. The contract also includes outages, cable fault repairs, street light knock downs, pole removals and replacements for necessary underground utility repairs, or other work as needed and as assigned by Public Works staff.

For 2024 Aldridge Electric Inc. expressed that they could no longer continue extending the existing contract, as the price structure of the existing contract reflected pre-Covid material pricing and labor rates. The year-over-year standard increase that was part of the previous contract did not reflect sufficient growth to keep up with the inflation of prices within the industry or the economy.

Staff has negotiated a new one-year contract with Aldridge Electric Inc. based on the economics of 2024 with the option to extend the contract in the future. This proposed contract reflects current material market prices as well as adjusted labor and equipment rates that staff believes are appropriate and consistent with the market increases of today. The scope of the contract remains the same, with Aldridge Electric Inc. completing tasks as assigned by Public Works when notified and completing tasks in Cartegraph for documentation. Tasks assigned through Cartegraph are given either a High Priority or Low Priority based on urgency. High Priority tasks will be responded to within 48 hours while Low Priority tasks responded to within 72 hours. As always, tasks that are deemed Emergency will be responded to by the Public Works to eliminate hazards and mitigate injury or property damage.

Attachment: 2024 Street Light Maintenance Contract Memo (O-2024-17 : Street Light Maintenance Contract)

ORDINANCE 2024-____

AN ORDINANCE AUTHORIZING EXECUTION OF A CONTRACT WITH ALDRIDGE ELECTRIC INC FOR STREETLIGHT MAINTENANCE

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Village sought out companies qualified to provide the requested services and materials; and

WHEREAS, the Village engaged in a competitive procurement process to obtain the best value for money.

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows**:**

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Village Manager is authorized to execute a contract with Aldridge Electric Inc., for streetlight maintenance services at a price not to exceed $264,268.45 per year, pending review and approval by the Village Attorney.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and not be codified.

AYES: _____
NAYES: _____
ABSENT: _____
PASSED: _____, 2024
APPROVED: _____, 2024

APPROVED:

_____
Eric N. Smith, Village President

ATTEST:

_____
Janet Sirabian, Village Clerk

Attachment: Aldridge Ordinance 2024 (O-2024-17 : Street Light Maintenance Contract)

STREET LIGHT MAINTENANCE CONTRACT

Street Light Maintenance Contract 2024 (the "**Contract**") is entered between the Village of Buffalo Grove (hereinafter the "**Village**" or "**Owner**"), an Illinois home-rule unit of government, and _____ an [_____] (hereinafter the "**Contractor**") on this _____ day of _____, 2024 (the "**Effective Date**"). The Village and the Contractor are hereinafter sometimes collectively referred to as the "**Parties**" and individually as a "**Party**".

RECITALS

WHEREAS, the Village has negotiated for the Work (defined below), Contractor has submitted pricing for the Work and Village has selected Contractor for the Work based on their pricing; and

WHEREAS, the Contractor wishes to enter into this Contract with the Village and the Village wishes to enter into this Contract with the Contractor for the Work;

NOW THEREFORE, for and in consideration of the mutual covenants and promises herein contained, the adequacy and sufficiency of which are hereby acknowledged by the Parties, it is agreed as follows:

ARTICLE I - WORK TO BE DONE BY THE CONTRACTOR

The Village does hereby hire and contract with the Contractor to provide all the labor, equipment, materials and/or services described more thoroughly on Contract **Exhibit A** (the "**Work**") which is incorporated into the Contract by this reference.

ARTICLE II - CONTRACT DOCUMENTS

The following exhibits are attached hereto and incorporated herein by this reference:

Contract Exhibit A – Description of the Work
Contract Exhibit B – Schedule of Prices
Contract Exhibit C – Performance and Payment Bond
Contract Exhibit D – Partial Lien Waiver
Contract Exhibit E – Final Lien Waiver

If any term or provision of this Contract shall conflict with any term or provision of the exhibits referenced above, the terms and provisions of the exhibit shall control.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

ARTICLE III - CONTRACT AMOUNT

The Village agrees to pay the Contractor for the proper and timely performance of the Work in strict accordance with this Contract as detailed in **Contract Exhibit B (**the **"Schedule of Prices")** Unless explicitly provided otherwise in this Contract, the detailed sums shall be the full and exclusive compensation owed to the Contractor for the Work; and Contractor may not seek additional payments from the Village.

Prices throughout the initial term of the contract shall reflect the Contractor's response to the Bid. For subsequent terms, requests for increases of unit prices shall not exceed the CPI-All Urban Consumers, Chicago or 3.5% whichever is less. Written requests for price revisions after the initial term shall be submitted ninety (90) days in advance. Requests shall be based upon and include documentation of the actual change in the cost of the components involved in the contract and shall not include overhead or profit.

The Village of Buffalo Grove reserves the right to reject a proposed price increase and terminate the Contract.

ARTICLE IV – APPLICATION FOR PAYMENT

The Contractor shall be paid at most once a month and only after providing the Village the following:

1. An executed and notarized Contractor's Sworn Statement in a form similar to AIA G702 or AIA G703;
2. Either a partial or final lien waiver from every subcontractor, sub-subcontractor, or materialman in substantially the same form as attached here as **Contract Exhibit D** and **Contract Exhibit E**;
3. Certified payroll necessary for the Prevailing Wage Act; and

All payments under this Contract must be approved by the Village's Board at regularly scheduled meetings. The Village reserves the right to request any receipts, invoices, proof of payments as the Village, in its sole discretion, may deem necessary to justify the payment requested *prior* to paying the requested payment. The Contractor shall furnish with his final application for payment a Final Lien Waiver from itself and, if not already provided, from every subcontractor and materialman of the Work.

The Contractor acknowledges that the Village is a unit of local government and that all payments under the Contract are subject to the Local Government Prompt Payment Act, 50 ILCS 505 et seq. To that extent, the Village shall have forty-five calendar (45) days from receipt of a bill or invoice to pay the same before it is considered late under the Contract. Interest, if any, charged for any late payments will be subject to the interest rate caps specified in the Prompt Payment Act.

ARTICLE V – CONTRACT TIME

Term. The Village will enter into a contract beginning on March 1, 2024 and ending February 28, 2025 with two (2) possible one (1) year extensions. At the end of the contract term, The Village of Buffalo Grove reserves the right to extend this contract for a period of up to sixty (60) calendar days for the purpose of securing a new contract.

Termination of Contract. The Contract may be terminated, in whole or in part, by either party if the other party substantially fails to fulfill its obligations under the Contract through no fault of the terminating party; or the Village may terminate the Contract, in whole or in part, for its convenience. However, no such termination may be effected unless the terminating party gives the other party: (1) not less than thirty (30) calendar days written notice by certified mail of intent to terminate, and (2) an opportunity for a meeting with the terminating party before termination.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

ARTICLE VI – PERFORMANCE and PAYMENT BOND

The Contractor shall provide the Village with a performance and payment bond in substantially the same form as on **Contract Exhibit C** (the "**Performance and Payment Bond**") prior to Contractor beginning any Work and within 15 calendar days of the Notice of Award sent to the Contractor.

ARTICLE VII – ACCIDENT PREVENTION

The Contractor shall exercise every precaution at all times to protect itself, the property of the Village and the property of others. The safety provision of all applicable laws and ordinances shall be strictly observed by the Contractor at all times. Any practice deemed hazardous or dangerous by the Director of Public Works or his authorized representatives shall be immediately discontinued by the Contractor upon receipt of instructions from the Director of Public Works or his authorized representatives. To the fullest extent permitted by law, the Contractor shall be solely responsible for all safety-related matters.

ARTICLE VIII – INDEMNIFICATION

To the fullest extent permitted by law, the Contractor agrees to defend, pay on behalf of, indemnify, and hold harmless the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village against any and all claims, demands, suits or loss, including all costs connected therewith, and for any damages which may be asserted, claimed or recovered against or from the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village, by reason of personal injury, including bodily injury and death, and/or property damage, whether damage to property of the Village or of a third party, including loss of use thereof, which arises out of or is in any way connected or associated with the Contract and the Work.

ARTICLE IX – CONTRACTORS INSURANCE

Contractor shall procure and maintain, for the duration of the Contract and any maintenance period, insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees or subcontractors.

A. Minimum Scope of Insurance: Coverage shall be at least as broad as:

Insurance Services Office Commercial General Liability occurrence form CG 0001 with the Village of Buffalo Grove named as additional insured on a primary and non-contributory basis. This primary, non-contributory additional insured coverage shall be confirmed through the following required policy endorsements: ISO Additional Insured Endorsement CG 20 10 or CG 20 26 and CG 20 01 04 13

1. Insurance Services Office Commercial General Liability occurrence form CG 0001 with the Village named as additional insured, on a form at least as broad as the ISO Additional Insured Endorsement CG 2010 and CG 2026
2. Insurance Service Office Business Auto Liability coverage form number CA 0001, Symbol 01 "Any Auto."
3. Workers' Compensation as required by the Labor Code of the State of Illinois and Employers' Liability insurance.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

B. Minimum Limits of Insurance: Contractor shall maintain limits no less than:

1. Commercial General Liability: $1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage. The general aggregate shall be twice the required occurrence limit. Minimum General Aggregate shall be no less than $2,000,000 or a project/contract specific aggregate of $1,000,000.
2. Business Automobile Liability: $1,000,000 combined single limit per accident for bodily injury and property damage.
3. Workers' Compensation and Employers' Liability: Workers' Compensation coverage with statutory limits and Employers' Liability limits of $500,000 per accident.

C. Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the Village. At the option of the Village, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as it respects the Village, its officials, agents, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigation, claim administration and defense expenses.

D. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

1. General Liability and Automobile Liability Coverages:
   a. The Village, its officials, agents, employees and volunteers are to be covered as insureds as respects: liability arising out of activities performed by or on behalf of the Contractor; products and completed operations of the Contractor; premises owned, leased or used by the Contractor; or automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the Village, its officials, agents, employees and volunteers.
2. The Contractor's insurance coverage shall be primary and non-contributory as respects the Village, its officials, agents, employees and volunteers. Any insurance or self-insurance maintained by the Village, its officials, agents, employees and volunteers shall be excess of Contractor's insurance and shall not contribute with it.
3. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Village, its officials, agents, employees and volunteers.
4. The Contractor's insurance shall contain a Severability of Interests/Cross Liability clause or language stating that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
5. If any commercial general liability insurance is being provided under an excess or umbrella liability policy that does not "follow form," then the Contractor shall be required to name the Village, its officials, employees, agents and volunteers as additional insureds
6. All general liability coverages shall be provided on an occurrence policy form. Claims-made general liability policies will not be accepted.
7. The contractor and all subcontractors hereby agree to waive any limitation as to the amount of contribution recoverable against them by the Village. This specifically includes any limitation imposed by any state statute, regulation, or case law including any Workers' Compensation Act provision that applies a limitation to the amount recoverable in contribution such as Kotecki v. Cyclops Welding

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

E. All Coverages:

1. No Waiver. Under no circumstances shall the Village be deemed to have waived any of the insurance requirements of this Contract by any act or omission, including, but not limited to:
    a. Allowing work by Contractor or any subcontractor to start before receipt of Certificates of Insurance and Additional Insured Endorsements.
    b. Failure to examine, or to demand correction of any deficiency, of any Certificate of Insurance and Additional Insured Endorsement received.
2. Each insurance policy required shall have the Village expressly endorsed onto the policy as a Cancellation Notice Recipient. Should any of the policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.

F. Acceptability of Insurers

Insurance is to be placed with insurers with a Best's rating of no less than A-, VII and licensed to do business in the State of Illinois.

G. Verification of Coverage

Contractor shall furnish the Village with certificates of insurance naming the Village, its officials, agents, employees, and volunteers as additional insured's and with original endorsements, affecting coverage required herein. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements are to be received and approved by the Village before any work commences. The Village reserves the right to request full certified copies of the insurance policies and endorsements.

H. Subcontractors

Contractor shall include all subcontractors as insured's under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage's for subcontractors shall be subject to all of the requirements stated herein.

I. Assumption of Liability

The contractor assumes liability for all injury to or death of any person or persons including employees of the contractor, any subcontractor, any supplier or any other person and assumes liability for all damage to property sustained by any person or persons occasioned by or in any way arising out of any work performed pursuant to the Contract.

J. Workers' Compensation and Employers' Liability Coverage

The insurer shall agree to waive all rights of subrogation against the Village of Buffalo Grove, its officials, employees, agents and volunteers for losses arising from work performed by Contractor for the municipality.

K. Failure to Comply

In the event the Contractor fails to obtain or maintain any insurance coverage's required under this contract, The Village may purchase such insurance coverage's and charge the expense thereof to the Contractor.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

ARTICLE X – CERTIFICATE OF AUTHORITY AND SURETY CERTIFICATE

The Contractor shall furnish the Village with a current Certificate of Authority or Surety Certificate issued by the Illinois Department of Insurance for the bonding company and insurance company they are using. In lieu of a Certificate of Authority of Surety Certificate, the Contractor may provide certificate of good standing from the Illinois Department of Insurance's website.

ARTICLE XI – COPYRIGHTS AND LICENSES

The Contractor agrees that all documents of any kind whatsoever, and in whatever medium expressed, prepared by the Contractor and the Contractor's consultants in connection with the Work (collectively, the "**Documents**") or otherwise pursuant to this Contract and all rights therein (including trademarks, trade names, rights or use, copyrights and/or other proprietary rights) shall be and remain the sole property of the Village (regardless of whether the Village or the Contractor terminates this Contract for any reason whatsoever). The Contractor hereby agrees that the Documents are or shall be deemed to be "Works for Hire" within the meaning of Section 101 of the Copyright Act, and the Contractor hereby assigns to the Village all right, title and interest therein. Notwithstanding, the Contractor shall indemnify and hold harmless the Village, its appointed and elected officials, employees, agents and volunteers from and against all claims, damages, losses, and expenses (including attorneys' fees and court and arbitration costs) arising out of any infringement of patent rights or copyrights incident to the Documents and the Work.

ARTICLE XII – NOTICE

All notices, demands, requests, consents, approvals and other communications required or permitted to be given hereunder (a "**Notice**") shall be in writing and shall be deemed effective three (3) business days after mailing if mailed by certified mail with return receipt requested and immediately if served personally, and shall be addressed to the following:

IF TO THE VILLAGE:	Village of Buffalo Grove 50 Raupp Blvd Buffalo Grove, IL 60089 mskibbe@vbg.org ATTN: Director of Public Works
WITH COPIES TO:	Cc: pbrankin@schainbanks.com Cc:tcwisniewski@vbg.org
IF TO THE CONTRACTOR:	_____ _____ _____ _____ ATTN: _____

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

ARTICLE XIII – CHANGE ORDERS

If the Village requests any change to the Work the Village shall do so by delivering Notice of the same to the Contractor and the change requested by the Village shall be effective upon receipt of the Notice by the Contractor. The Contractor may propose a change to the Work by delivering Notice of the proposed change along with a description of the changes full effect on the Work to the Village; provided, such requested change shall not be deemed accepted until the Village has delivered to the Contractor Notice of the same. Prior to approving a proposed change to the Work by the Contractor, the Village may request such additional documentation as it deems necessary to investigate the proposed change. The Contractor shall be responsible for informing all its employees and subcontractors of any changes to the Work, whether such change is requested by the Contractor or the Village.

ARTICLE XIV – NOTICE OF STARTING WORK

The Contractor shall provide Notice to the Village prior to the Contractor, or its employees or subcontractors, starting the Work or any phase of the Work.

ARTICLE XV – SEQUENCE OF THE WORK

The Director of Public Works shall have the power to direct the order and sequence of the Work. On any major portion of the Work, all accessories shall be set coincident with the main construction. Payment for major portions of the Work may be withheld until proper completion of accessories.

ARTICLE XVI – SUPERVISION

The Director of Public Works shall have override power to superintend and direct the Work, and the Contractor shall perform all of the Work herein specified to the satisfaction, approval and acceptance of the Director of Public Works. The Contractor shall have at all times a competent foreman or superintendent at the Work's site, who shall have full authority to act for the Contractor and to receive and execute orders from the Director of Public Works, and any instructions given to such superintendent or person, executing work for the Contractor, shall be binding on the Contractor as though it was personally given to the Contractor.

ARTICLE XVII – STANDARD OF WORK AND WORKERS

The Contractor shall employ competent staff and shall discharge, at the request of the Director of Public Works, any incompetent, unfaithful, abusive or disorderly workers in its employ. Where experts or skilled workers must be employed, only expert or skilled workers shall be employed.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

ARTICLE XVIII – CONDITIONS OF THE WORK SITE

The Contractor shall provide and maintain such sanitary accommodations for the use of its employees as may be necessary to comply with the State and local Board of Health requirements. Public nuisances will not be permitted. The Contractor shall leave said Work's site(s) in the best possible condition to the complete satisfaction of the Director of Public Works. No vehicles of any kind shall be placed, parked, or operated upon any grass areas at any time except as authorized by the Director of Public Works or his authorized representative. Further, the Contractor shall exercise every precaution for the protection of all persons and all property. The safety provisions of all-applicable laws and ordinances shall be strictly observed. Any practice hazardous in the opinion of the Director of Public Works or his authorized representatives shall be immediately discontinued by the Contractor upon his receipt of instructions from the Director of Public Works or his authorized representative. To the maximum extent permitted by law, the Contractor shall be responsible for all safety-related matters.

ARTICLE XIX – WARRANTY PERIOD

All material and workmanship shall be warranted and guaranteed according to manufacturer's recommendation after inspection and approval by the Director of Public Works or his designated representative. All work performed by the Contractor shall be warranted by the Contractor following completion and final acceptance of the Work for a period of twelve (12) months from the date of final, and not substantial, completion.

ARTICLE XX – ACCIDENTS

In the event of any accident of any kind that involves the general public or property of the Village or a third party, the Contractor shall immediately notify the Director of Public Works by phone as well as provide Notice of the same. The Notice shall include a full accounting of all details of the accident. The Contractor shall furnish the Village with copies of all reports of such accidents at the same time that the reports are forwarded to any other interested parties.

ARTICLE XXI – NO ASSIGNMENT

If the Contractor sublets or assigns any part of the Work then the Contractor shall not under any circumstances be relieved of its liabilities hereunder. All transactions of the Village shall be with the Contractor. Subcontractors shall be recognized only in the capacity of employees or workmen and shall be subject to the same requirements as to character and competence. The Contractor shall not assign, transfer, convey, sell or otherwise dispose of the whole or any part of this Contract to any person, firm or corporation without written consent of the Director of Public Works or his authorized representative.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

ARTICLE XXII – DEFAULT

The following shall constitute a default an "**Event of Default**" by the Contractor under this Contract:

A. If the Contractor shall fail to strictly observe or perform one or more of the terms, conditions, covenants and agreements of this Contract;

B. If there shall be placed on any property owned by the Village any mechanics', materialmens' or suppliers' lien;

C. If there shall be instituted any proceeding against the Contractor seeking liquidation, dissolution or similar relief and the same shall not be dismissed within forty-five (45) calendar days;

D. If there shall be appointed any trustee, receiver or liquidator of the Contractor and such appointment shall not have been vacated within forty-five (45) calendar days; and

E. If the Contractor fails to maintain or obtain any and all permits, licenses and the like, if any, required by the Village, State or Federal governments for the Work.

Upon any Event of Default the Village shall have the option of (**i**) terminating the Contract; (**ii**) pursuing any remedy available to it at law or in equity; or (**iii**) pursuing both simultaneously. In addition, upon an Event of Default, the Village may withhold payments due to the Contractor until it has hired a replacement of the Contractor and deducted all costs of hiring a replacement.

ARTICLE XXIII – DELAYS

The Contractor shall not be liable in damages for delays in performance when such delay is the result of fire, flood, strike, acts of God, or by any other circumstances which are beyond the control of the Contractor; provided, however, under such circumstances the Village may, at its option, cancel the Contract.

ARTICLE XXIV – COMPLIANCE WITH LAWS

The Contractor shall comply with all applicable laws, regulations and rules promulgated by any federal, state, local, or other governmental authority or regulatory body pertaining to all aspects of the Work, now in effect, or which may become in effect during the performance of the Work. The scope of the laws, regulations, and rules referred to in this paragraph includes, but is in no way limited to, the Illinois Human Rights Act, Illinois Equal Pay Act of 2003, Occupational Safety & Health Act along with the standards and regulations promulgated pursuant thereto (including but not limited to those safety requirements involving work on elevated platforms), all forms of traffic regulations, public utility, Interstate and Intrastate Commerce Commission regulations, Workers' Compensation Laws, Public Construction Bond Act, Public Works Preference Act, Employment of Illinois Workers on Public Works Act, USA Security Act, federal Social Security Act (and any of its titles), and any other law, rule or regulation of the Illinois Department of Labor, Department of Transportation, Illinois Environmental Protection Act, Illinois Department of Natural Resources, Illinois Department of Human Rights, Human Rights Commission, EEOC, and the Village of Buffalo Grove. Notwithstanding the following, the Contractor shall particularly note that:

A. NO DISCRIMINATION – The Contractor shall comply with the provisions of the Illinois Public Works Employment Discrimination Act and the Illinois Human Rights Act/Equal Opportunity Clause which, pursuant to Illinois law, are deemed to be part of this Contract.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

B. FREEDOM OF INFORMATION - The Contractor agrees to furnish all documentation related to the Contract, the Work and any documentation related to the Village required under an Illinois Freedom of Information Act (ILCS 140/1 et. seq.) ("**FOIA**") request within five (5) calendar days after the Village issues Notice of such request to the Contractor. The Contractor agrees to defend, indemnify and hold harmless the Village, and agrees to pay all reasonable costs connected therewith (including, but not limited to attorney's and witness fees, filing fees and any other expenses) for the Village to defend any and all causes, actions, causes of action, disputes, prosecutions, or conflicts arising from Contractor's actual or alleged violation of FOIA or the Contractor's failure to furnish all documentation related to a FOIA request within five (5) calendar days after Notice from the Village for the same. Furthermore, should the Contractor request that the Village utilize a lawful exemption under FOIA in relation to any FOIA request thereby denying that request, Contractor agrees to pay all costs connected therewith (such as attorneys' and witness fees, filing fees and any other expenses) to defend the denial of the request. This defense shall include, but not be limited to, any challenged or appealed denials of FOIA requests to either the Illinois Attorney General or a court of competent jurisdiction.

C. ILLINOIS WORKERS ON PUBLIC WORKS ACT - To the extent applicable, the Contractor shall comply with the Illinois Workers on Public Works Act, 30 ILCS 570/1 et seq., and shall provide to the Village any supporting documentation necessary to show such compliance.

D. NOT A BLOCKED PERSON - The Contractor affirms and covenants that neither the Contractor nor any individual employed by the Contractor for this Work or under this Contract is a person forbidden from doing business with a unit of local government under Executive Order No. 13224 (Sept 23, 2001), 66 Fed.Reg. 49,079 (Sept 23, 2001) or is a person registered on the Specially Designated Nationals and Blocked Persons List. The Contractor shall indemnify the Village from all costs associated with failure to comply with this paragraph.

E. SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS ACT - The Contractor knows, understands and acknowledges its obligations under the Substance Abuse Prevention on Public Works Act (820 ILCS 265/1 et seq.), and shall comply and require all subcontractors and lower tiered contractors to comply with the requirements and provisions thereof.

A. PREVAILING WAGE ACT - The Village is an Illinois unit of local government and the Work hereunder is subject to the Illinois Prevailing Wage Act, 820 ILCS 130/0.01, et seq. Consequently, the Contract and each subcontractor shall submit with their application for payment a signed statement attesting that: (i) certified payroll has been submitted to the Illinois Department of Labor (ii) such payroll is true and accurate; (iii) the hourly rate paid to each worker is at least equal to the prevailing wage for such work; and (iv) the Contractor or subcontractor is aware that filing a falsely certified payroll is a Class B Misdemeanor. Any delay in processing the payments due to a lack of aforementioned signed statement shall not be an event of default by the Village and shall not excuse any delay by the Contractor who shall proceed with the Work as if no delay in payment has occurred. The Contractor and Village shall agree to take any further steps not outlined above to ensure compliance with the Prevailing Wage Act. Upon two business day's Notice, the Contractor and each subcontractor shall make available to the Village their records to confirm compliance with the Prevailing Wage Act. Finally, to ensure compliance with Prevailing Wage Act, the Contractor and each subcontractor shall keep for a period of not less than 5 years after the Work has been completed records of all laborers, mechanics, and other workers employed by them for the Work; the records shall include each worker's name, address, telephone number, classification or classifications, the hourly wages paid in each period, the number of hours worked each day, the starting and ending times of work each day and, when available, last four digits of the social security number. The Contractor shall provide a list of every name, address, phone number and email of every sub-contractor for the Work

Current rates can be located on the Illinois Department of Labor website.
https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

ARTICLE XXV – NO WAIVER OF RIGHTS

A waiver by the Village of any Event of Default or any term of provision of this Contract shall not be a waiver of the same Event of Default, another Event of Default or any other term or provision of this Contract.

ARTICLE XXVI – CONTROLLING LAW AND VENUE

This Contract is entered into in the State of Illinois, for work to be performed in the State of Illinois and shall be governed by and construed in accordance with the laws of the State of Illinois. Any legal matters or dispute shall be resolved in the Circuit Court of Cook County and the Parties hereby submit to the jurisdiction of such Circuit Court. This Contract shall be construed without regard to any presumption or other rule requiring construction against the Party causing the Contract to be drafted.

ARTICLE XXVII – MISCELLANEOUS

A. AMENDMENT – This Contract may be amended only in writing executed by both Parties.

B. NO RECORDING – This Contract, or a memorandum thereof, may not be recorded in any form by either Party. If either Party records this Contract, or a memorandum thereof, they shall immediately file a release of the same.

C. SECTION HEADINGS – The headings in the Contract are intended for convenience only and shall not be taken into consideration in any construction or interpretation of the Contract.

D. NO THIRD PARTY BENEFICIARIES – This Contract does not confer any rights or benefits on any third party.

E. BINDING EFFECT – This Contract shall be binding and inure to the benefit of the Parties hereto, their respective legal representatives, heirs and successors-in-interest.

F. ENTIRE AGREEMENT – This Contract supersedes all prior agreements and understandings and constitutes the entire understanding between the Parties relating to the subject matter hereof.

G. SEVERABILITY - If any term, condition or provision of the Contract is adjudicated invalid or unenforceable, the remainder of the Contract shall not be affected and shall remain in full force and effect, to the fullest extent permitted by law.

H. TORT IMMUNITY DEFENSES - Nothing contained in this Contract is intended to constitute nor shall constitute a waiver of the rights, defenses, and immunities provided or available to the Village under the Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10 *et seq*.

I. CALENDAR DAYS AND TIME. Unless otherwise provided in this Contract, any reference in this Contract to "day" or "days" shall mean calendar days and not business days. If the date for giving of any notice required to be given, or the performance of any obligation, under this Contract falls on a Saturday, Sunday or federal holiday, then the notice or obligation may be given or performed on the next business day after that Saturday, Sunday or federal holiday.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

J. COUNTERPARTS – This Contract may be executed by the Parties in any number of counterparts, each of which shall be deemed an original, but all of which together shall constitute an original instrument.

IN WITNESS WHEREOF, the Parties hereto have caused the Contract to be executed as of the Effective Date.

Village of Buffalo Grove,
an Illinois home-rule unit of government

By:_____
Name: Dane Bragg
Title: Village Manager

Company
[An Illinois _____ company]

By:_____
Name: _____
Title: _____

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

CONTRACT EXHIBIT C- FORM OF PERFORMANCE AND PAYMENT BOND

Bond Number: _____

KNOW ALL MEN BY THESE PRESENTS, That _____ (the "**Principal**") and _____ _____ (the "**Surety**"), are held and firmly bound unto the Village of Buffalo Grove, an Illinois home-rule unit of government (the "**Village**"), the full and just sum of _____Dollars ($_____) in lawful money of the UNITED STATES OF AMERICA as herein provided.

THE CONDITION OF THIS OBLIGATION is such that the Principal and Surety agree to bind themselves, their successors, assigns, executors, heirs and administrators, jointly and severally, for the full and faithful performance of the Work as defined in that particular Street Light Maintenance 2024 contract between Principal and the Village dated __ day of _____, 20__, (hereinafter referred to as the "**Contract**"), a copy of which is attached and incorporated by reference as though fully set forth herein.

NOW THE CONDITIONS OF THIS OBLIGATION ARE SUCH that if the said Principal (**i**) shall in all respects keep and perform all the undertakings, covenants, terms, conditions and agreements of the Contract; (**ii**) shall pay all sums of money due or to become due, for any labor, materials, apparatus, fixtures or equipment furnished for the Work provided in said Contract; and (**iii**) shall remove and replace any defects in workmanship or materials which may be apparent or may develop within the ARTICLE XIX – WARRANTY PERIOD of the Contract, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

And the said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or the Work thereunder shall in any way affect its obligation on this Bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the Work.

IN WITNESS WHEREOF, we have hereunto set our hands and sea ___ day of _____, 20__.

SURETY	**PRINCIPAL**
By: _____	**By:** _____
Name: _____	**Name:** _____
Title: _____	**Title:** _____
ATTEST	**ATTEST**
By: _____	**By:** _____

NOTE: Date of Bond must not be prior to date of Contract.
If Contractor is Partnership, all partners should execute Bond.
IMPORTANT: Surety companies executing Bonds must appear on the Treasury Departments most current list (Circular 570 as amended) and be authorized to transact business in the state where the Work is located.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

CONTRACT EXHIBIT D- PARTIAL WAIVER

PARTIAL LIEN WAIVER

STATE OF ILLINOIS

COUNTY OF _____

TO WHOM IT MAY CONCERN:
WHEREAS the undersigned has been employed by _____
to furnish _____
for the premises known as _____
of which _____ is the owner.
THE undersigned, for and in consideration of _____
($_____
_____
) Dollars, and other good and valuable considerations, the receipt whereof is hereby acknowledged, do(es) hereby waive and release any and all lien or claim of, or right to, lien, under the statutes of the State of Illinois, relating to mechanics' liens, with respect to and on said above-described premises, and the improvements thereon, and on the material, fixtures, apparatus or machinery furnished, and on the moneys, funds or other considerations due or to become due from the owner, on account of all labor, services, material, fixtures, apparatus or machinery, furnished to this date by the undersigned for the above-described premises, INCLUDING EXTRAS.*
DATE _____ COMPANY NAME _____
ADDRESS _____
SIGNATURE AND TITLE _____

*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT

CONTRACTOR'S AFFIDAVIT

STATE OF ILLINOIS

COUNTY OF _____

TO WHOM IT MAY CONCERN:
THE UNDERSIGNED, (NAME) _____ BEING DULY SWORN, DEPOSES AND SAYS THAT HE OR SHE IS (POSITION) _____ OF (COMPANY NAME) _____ WHO IS THE CONTRACTOR FURNISHING _____ WORK ON THE BUILDING LOCATED AT _____
OWNED BY _____
That the total amount of the contract including extras* is $ _____ on which he or she has received payment of $ _____ prior to this payment. That all waivers are true, correct and genuine and delivered unconditionally and that there is no claim either legal or equitable to defeat the validity of said waivers. That the following are the names and addresses of all parties who have furnished or delivered material or labor, or both, for said work and all parties having contracts or sub contracts for specific portions of said work or for material entering into the construction thereof and the amount due or to become due to each, and that the items mentioned include all labor and material required to complete said work according to plans and specifications:

NAMES AND ADDRESSES	WHAT FOR	CONTRACT PRICE INCLDG EXTRAS*	AMOUNT PAID	THIS PAYMENT	BALANCE DUE
TOTAL LABOR AND MATERIAL INCLUDING EXTRAS* TO COMPLETE.					

That there are no other contracts for said work outstanding, and that there is nothing due or to become due to any person for material, labor or other work of any kind done or to be done upon or in connection with said work other than above stated.

DATE _____ SIGNATURE: _____

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____, _____

*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT.

_____
NOTARY PUBLIC

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

CONTRACT EXHIBIT E- FINAL WAIVER

FINAL WAIVER OF LIEN

STATE OF ILLINOIS

COUNTY OF _____

TO WHOM IT MAY CONCERN:
WHEREAS the undersigned has been employed by _____
to furnish _____
for the premises known as _____
of which _____ is the owner.

THE undersigned, for and in consideration of _____
($_____) Dollars, and other good and valuable considerations, the receipt whereof is hereby acknowledged, do(es) hereby waive and release any and all lien or claim of, or right to, lien, under the statutes of the State of Illinois, relating to mechanics' liens, with respect to and on said above-described premises, and the improvements thereon, and on the material, fixtures, apparatus or machinery furnished, and on the moneys, funds or other considerations due or to become due from the owner, on account of all labor, services, material, fixtures, apparatus or machinery, heretofore furnished, or which may be furnished at any time hereafter, by the undersigned for the above-described premises, INCLUDING EXTRAS.*

DATE _____ COMPANY NAME _____
ADDRESS _____
SIGNATURE AND TITLE _____

*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT

CONTRACTOR'S AFFIDAVIT

STATE OF ILLINOIS

COUNTY OF _____

TO WHOM IT MAY CONCERN:

THE UNDERSIGNED, (NAME) _____ BEING DULY SWORN, DEPOSES AND SAYS THAT HE OR SHE IS (POSITION) _____ OF (COMPANY NAME) _____ WHO IS THE CONTRACTOR FURNISHING _____ WORK ON THE BUILDING LOCATED AT _____
OWNED BY _____
That the total amount of the contract including extras* is $ _____ on which he or she has received payment of $ _____ prior to this payment. That all waivers are true, correct and genuine and delivered unconditionally and that there is no claim either legal or equitable to defeat the validity of said waivers. That the following are the names and addresses of all parties who have furnished or delivered material or labor, or both, for said work and all parties having contracts or sub contracts for specific portions of said work or for material entering into the construction thereof and the amount due or to become due to each, and that the items mentioned include all labor and material required to complete said work according to plans and specifications:

NAMES AND ADDRESSES	WHAT FOR	CONTRACT PRICE INCLDG	AMOUNT PAID	THIS PAYMENT	BALANCE DUE
TOTAL LABOR AND MATERIAL INCLUDING EXTRAS*					

That there are no other contracts for said work outstanding, and that there is nothing due or to become due to any person for material, labor or other work of any kind done or to be done upon or in connection with said work other than above stated.

DATE _____ SIGNATURE: _____

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____, _____

*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT.

_____
NOTARY PUBLIC

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

DESCRIPTION OF THE WORK

The work services, equipment, labor and/or materials below shall be collectively referred to as the "Work":

1. GENERAL DESCRIPTION

A. Purpose: The purpose of the project is to provide for the public health, safety and welfare of the residents and visitors, by maintaining an efficient street lighting system to aid pedestrians and vehicle movement through the community after dark.

B. Scope: Contractor shall be skilled in trouble shooting and making repairs to lighting systems, including power center equipment (lighting controllers), controls, underground cables and light fixture lamps/ballasts.
Contractor shall furnish all equipment necessary to replace street light poles and to do all phases of repair and maintenance of the Village street light system.
Contractor shall maintain a sufficient inventory of Village of Buffalo Grove approved street lighting standards (fixtures, poles, distribution centers, base covers, fuses and fuse holders) and related components so as not to delay timely replacement and repair.

2. PLANS & SPECIFICATIONS

The Plans & Specifications shall be understood to include Appendices which are incorporated hereby.

3. SPECIFICATIONS GENERAL

3.0 VILLAGE OCCUPANCY

A. The Contractor shall cooperate with Village to minimize conflict, and to facilitate Village's operations..

3.1 CARE AND PROTECTION OF PROPERTY

A. Contractor shall be responsible for the preservation of all public and private property and use every precaution necessary to prevent damage thereto. If any direct or indirect damage is done to public or private property by or on account of any act, omission, neglect, or misconduct in the execution of the work on the part of the contractor, restore such property to a condition similar or equal to that existing before the damage was done, or make good the damage in other manner acceptable to the Village.

3.2 WORK COORDINATION AND SEQUENCE

A. Schedule of Work - Contractor shall be required to respond to a repair work order within twenty-four (24) hours after receiving such order. Same day service is desirable.

B. Working Hours - The Contractor will be allowed to schedule his normal work hours between the hours of 7:00 A.M. and 4:00 P.M. Monday through Friday.

Work during other hours will be allowed only as authorized by the Public Works Director.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

SPECIFICATIONS GENERAL (cont.)

C. Concurrent Operations - This contract is a nonexclusive contract with the Village. The Village reserves the right to use other contractors or its own employees to perform work similar to that being performed under the terms of this contract. Performance of work by others shall be construed as being consistent with the terms of this contract and will not be cause for the Contractor to cease performance of work as directed.

D. The Village will notify the Contractor when repairs are necessary

3.3 CHANGE PROCEDURES

A. Submit name of individual authorized to receive change documents, and be responsible for informing others in Contractor's employ or Subcontractors of changes to the Work.

B. Contractor may propose changes by submitting a request for change to the Village of Buffalo Grove Public Works Director (Public Works Director) or his designee, describing proposed change and its full effect on the Work. Include a statement describing reason for the change, and effect on Contract Sum/Price and Contract Time with full documentation.

C. Document each quotation for change in cost or time with sufficient data to allow evaluation of quotation. On request, provide additional data to support computations

D. Execution of Change Orders: Change order shall not be considered valid until executed by both the Village and the Contractor.

3.4 CONTRACTOR RESPONSIBILITIES

A. The Contractor shall provide equipment, materials, labor and tools to complete repairs, removal and installation as required.

B. The Contractor is solely responsible for construction means, methods, techniques, sequences and procedures and for safety precautions and programs.

C. All equipment and installation materials shall be delivered to the installation Contractor with freight and all handling charges included in the proposed price. No materials may be shipped directly to the job site without the prior approval of the Village.

D. The Contractor shall minimize disruptions to the normal operations of the Village and shall render all reasonable assistance when required. The Contractor shall remove all materials, debris and rubbish from the site on a daily basis.

E. The Contractor is responsible for acts and omissions of his employees and his sub-contractors and their agents.

F. The Contractor shall protect Village property and all persons and shall be liable for any and all damages resulting from his operations.

G. The Contractor shall be responsible for the repair or replacement of any facility or utility damaged during a repair, replacement or installation.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

3.5 INVOICING AND METHOD OF PAYMENT

A. The request for payment will be submitted on forms approved by the Village. The invoice shall itemize each chargeable item for each location using the BUFFALO GROVE – INVOICE WORKSHEET or Village approved alternate (See Appendices) for this purpose.

B. Village will utilize two categories of Work Tasks for assigning work to Contractor. The two categories differ with respect to Village invoicing requirements as follows:

i. For Type A Work Tasks: Type A Work Tasks are the "normal" type of work tasks. Contractor shall aggregate all Type A Work Tasks executed during a given month and submit to the Village one invoice covering all such Work Tasks. Said invoice shall be furnished to the Village within ten (10) calendar days following the last day of the preceding month.

ii. For Type B Work Tasks: Type B Work Tasks are associated with individual specific repairs that are necessitated by accidents or other similar types of occurrences. For such repairs, the Village can reasonably expect to be reimbursed by others for the cost of those repairs. Contractor shall invoice the Village separately for each Type B Work Task. Each such invoice shall be furnished to the Village within ten (10) calendar days following the completion of the work performed as a result of that Type B Work Task.

C. Payment will be made using the unit prices for Material and the hourly rates for Labor and Equipment provided in the contract. Travel time to and from the Village will be billed at actual time for crew mobilization. This will be for all urgent requests requiring crews to demobilize from a jobsite not affiliated to the Buffalo Grove Contracted work or after standard 8-hour workday.

D. The Village will pay according to the Illinois Prompt Payment Act.

3.6 WARRANTY

All material and workmanship shall be guaranteed for a period of one (1) year after inspection and approval by the Public Works Director or his designated representative. Any defects found shall be corrected in a timely manner at the Contractor's expense.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

4. PART II SPECIFICATIONS

4.0 GENERAL DESCRIPTION

A. The Contractor shall include provisions for the maintenance of the street lighting facilities in accordance with this specification for the illumination of all public roadways, which are within the corporate limits of the Village. The Village shall continuously be kept appraised by the Contractor of the status of all streetlights.

B. Work shall include but not limited to:

1. Streetlight repairs (i.e. bulbs, ballast, photocells, fuses etc.)
2. Cable repair or replacement
3. Pole replacement (concrete and Cor-Ten)
4. Breakaway replacement
5. Fixture replacement
6. Relamping
7. Inspections
8. Base cover, skirt and/or light pole hand-hole repair or replacement
9. Light pole foundation modifications or replacement

4.1 OBSERVANCE OF LAWS, ORDINANCES AND REGULATIONS

All work required in this specification shall conform to the requirements of the "National Electric Code" as amended.

The Contractor at all times during the life of this contract shall observe and abide by all Federal, State and Local laws which in any way affect the conduct of the work and with all decrees and orders of courts of competent jurisdiction.

The Contractor shall be governed by all municipal ordinances and regulations, which in any way affect the conduct of the work.

The Contractor shall procure at his own expense all necessary licenses and permits in connection with the work of his Contract.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

4.2 TRAFFIC CONTROL AND WORK AREAS

The Contractor shall erect substantial barricades to protect his work at all points as specified by Federal and State Standards for work zone protection. The Contractor shall place at such points the necessary warning signs, lights, and other suitable devices to protect his work properly and to provide for the convenience and safety of the public at all times. The Contractor shall maintain such barricades, signs, lights and protective devices until the need for them has passed.

In addition, the Contractor shall conform to any Federal and State Department of Transportation regulations applicable to work being performed on or along roadways and any other areas of vehicular activity. The Contractor shall use necessary signage, barricades, lights, directional devices, and any other available means of directing a safe transition of vehicular traffic past the work site, with the least inconvenience possible to said vehicular traffic.

4.3 RESPONSE AND NOTIFICATION

The Contractor shall respond to repairs based on the assigned priority of each task code. (see prioritization code in 4.4)

- High priority tasks = 48 hour response expectation
- Low priority tasks = 72 hour response expectation

4.4 WORK TASKS – WORK FLOW

The Village of Buffalo Grove Public Works Department utilizes Cartegraph OMS for our work flow and asset management system. All work will be assigned through Cartegraph OMS as Street Light Maintenance "Tasks". All Tasks will be given a prioritization code (High, Medium, Low) and repairs should be completed based on the assigned priority of the Task. All repairs are to be completed by the Contractor, and all information related to the repairs shall be identified and included as the Contractor completes the Cartegraph OMS Task. It is the responsibility of the Contractor to complete the Cartegraph OMS Task the same day that repairs have been completed.

Street Light Inspections will be completed on a rotating cycle. These Street Light assets are divided into a GIS generated grid for identification and completion. The Contractor will generate a separate Task for each inspection, and complete that Task in the same manner described in the above paragraph. Street Light Maintenance Tasks are given a higher priority than inspection Tasks. Any inspection Task that requires additional repairs or maintenance should be noted on a new/separate maintenance Task, and all information identified and included as the Contractor completes the repair Task.

As noted in section 4.3 the Contractor shall respond within forty eight (48) hours after receiving notice of a High priority task. Same day service is most desirable.

The Contractor shall be responsible to provide their staff with an i-Pad or mobile laptop computer to access, create and complete Cartegraph OMS Tasks. The Village of Buffalo Grove Public Works Department will provide the Contractor's staff with training on Cartegraph OMS and the expected work flow.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

4.5 PUBLIC RELATIONS

The goal of the Village of Buffalo Grove is to provide professional, courteous and friendly public services to residents, businesses, and visitors within the Village. With this in mind, the Contractor and his personnel will maintain professional and courteous attitude whenever dealing with the Public.

If the Contractor or his personnel should find himself in a disagreeable situation, or cannot answer a resident's question or concern suitably, he shall direct the party to the Public Works Director, or his authorized representative.

4.6 RATES UNDER CONTRACT

The Contractor shall furnish the Village with labor (straight time), vehicle, and equipment rates to be charged under this contract. Rates will not change, including any union or brotherhood negotiated scale increases, for the period of this contract. Work shall be performed at straight time, unless otherwise authorized by the Public Works Director or his authorized representative. Material will be listed, itemized, and charged according to the schedule of prices.

4.7 FINAL POLICING OF WORK SITE

Before completed maintenance work on public property will be ready for final inspection, the Contractor will have removed from the project sites all surplus equipment, machinery, materials, debris, barricades and signs. The Contractor shall leave said project sites in the best possible condition, to the complete satisfaction of the Public Works Director, or his authorized representative.

4.8 RELAMPING

The Village may continue its relamping program and designate certain areas of the Village for relamping during the contract period. This activity is an option.

4.9 REQUIREMENTS OR ESTIMATED QUANTITIES

Acceptance of the proposal will bind the Village to pay for, at unit prices, only quantities ordered and delivered. Any reference to forecasted or estimated quantities within the documents is intended to inform the contractor of approximate requirements. The Village may purchase as little as zero percent (0%) or as much as two hundred percent (200%) of the forecasted or estimated quantities.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

4.10 MATERIALS

A. Poles

Poles are detailed in Appendix D. Exhibits A and B

1. Pole type "A" shall be Ameron International, Centrecon Series Medium Embedded Octagonal Pole, twenty-three (23) feet in height, catalog number MEO-7 (W/MO-AD-8ft. Davit Arm).

2. Pole type "B" shall be Ameron International, Centrecon Series Medium Embedded Octagonal Pole, twenty-eight (28) feet in height, catalog number MEO-8.5 (W/MO-AD-8ft. Davit Arm).

3. Pole type “D” shall be Valmont tapered Cor-Ten steel square upright with 6 ft. long Cor-Ten steel davit(s). The Village utilizes different Cor-Ten pole upright heights as referenced in Appendix D Exhibit B. In some cases the 35 foot pole may be required to be reduced to 34 feet and six inches in length.

Fuses shall be ten (10) amps with Buss fuse holder installed in the power leg inside of the light pole hand hole.

Vertical cables in lighting standards from fuse holder to luminaire shall be number 10, THHN, 600V, stranded copper, single (1) conductor, with ground. Cable shall be color-coded as follows:

Neutral - White

Power - Black

Ground – Green or bare

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

B. Luminaries and Lamps

Luminaries are detailed in Appendix E. Exhibit A. are to be units manufactured by Lithonia(or alternate approved by the Village in writing), complete with constant voltage ballast's wired for one hundred twenty (120) volt or two hundred forty (240) volt operation, as required. Luminaries are detailed in Appendix E. Exhibit B is to be a unit manufactured by Leotek Light-On group. All fixtures include photocells.

Style 1 LITHONIA KAD 100S R3TB (change ballast for 70W HPS Lamp)

Style 4 LITHONIA KAD 250S R3TB (for 250W HPS Lamp)

The LEOTEK catalog numbers for these luminaries is as follows:

ECobra-head EC1-6-M-MV-NW-2-530-DB

C. Wire/Cable

1. Underground cable from power source to lighting standards shall be a minimum of #6 stranded two (2) conductor copper commercial grade for direct burial RHH, RHW, USE-XLP, 600 volt with #6 or #8 ground conductor.

2. Any necessary splice in underground cables shall be reported. Splices shall be made by using 3M Scotchcast kits in direct burial cables. No splices are allowed within a cable conduit.

3. Cable slack shall be provided as follows: Two (2) feet of slack at base of light standards and one (1) foot of slack at the source of power. Provide six (6) inches of sand both above and below the conduit in all conduit trenches.

4. All wiring shall have two (2) inch galvanized rigid steel conduit with two (2) inch fiber bushings, or two (2) inch heavy wall PVC schedule 80, used as a raceway for underground cable. Cable in unit duct may be used for long runs with prior approval by the Village.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

D. Control Cabinet

1. Circuit Breakers

a. Breakers shall be molded case, heavy duty, bolt-on type.

b. Breakers shall be single or multiple pole with capacities and trip ratings as shown on the individual lighting controller drawings.

c. All lugs and terminators shall be copper. Aluminum copper connectors are not acceptable.

d. Acceptable manufacturers shall be Siemens I.T.E., Square D', Westinghouse, or equal.

2. Surge Arresters

a. Surge arresters shall be of the valve-type, consisting of a spark gap structure and a non-linear resistive element of silicon carbide valve blocks.

b. The arresters shall be 650 V maximum rated, designed for the protection of 240 volt, single phase, three wire, grounded secondary services. The arresters shall meet all applicable ANSI, NEMA, IEEE, and OSHA Standards.

c. The arresters shall be single pole units as manufactured by Joslyn Mfg., and Supply Co., General Electric Co., or equal.

E. General

All work performed and all materials utilized must meet Village of Buffalo Grove Ordinances and Standards.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

EXHIBIT B – SCHEDULE OF PRICES

Name of Company: Aldridge Electric Inc.

Address of Company: 844 E Rockland RD

City Libertyville State IL Zip 60048

Telephone 847-680-5200

Email Address: hsutton@aldridge-electric.com

Description	Unit	Est.Qty.	Unit Cost	Total Cost
LABOR				
1. Journeyman	Per hour	500	$122.10	$61,050.00
1a. Journeyman Overtime	Per hour	25	$177.71	$ 4,442.75
1b. Journeyman Doubletime	Per hour	15	$233.32	$ 3,499.80
	SUB TOTAL			**$68,992.55**
EQUIPMENT				
2. Utility truck	Per hour	150	$27.75	$ 4,162.50
3. Pole Set truck	Per hour	100	$35.52	$ 3,552.00
4. Aerial truck	Per hour	275	$67.50	$18,562.50
5. Backhoe	Per hour	16	$27.75	$ 444.00
6. Auger	Per hour	10	$1.11	$ 11.10
7. Trencher	Per hour	10	$1.11	$ 11.10
8. Directional Boring Rig	Per hour	10	$3.33	$ 33.30
9. Arrow Board truck / trailer	Per hour	100	$41.07	$ 4,107.00
	SUB TOTAL			**$30,883.50**
MATERIALS				
10. 250W HPS Lamp	Each	100	$27.75	$ 2,775.00
11. Photo Cell	Each	100	$18.87	$ 1,887.00
12. Igniter	Each	10	$33.30	$ 333.00
13. HPS Ballast	Each	30	$116.55	$ 3,496.50
14. Fuse Holder	Each	40	$38.85	$ 1,554.00
15. Fuse	Each	50	$11.10	$ 555.00
16. Leotek EC1-6-M-MV-NW-2-530-DB	Each	25	$477.30	$11,932.50
17. LITHONIA KAD 250S R3TB	Each	10	$677.10	$ 6,771.00
18. Centrecon MEO 7 Concrete Pole, Type A	Each	5	$2053.50	$10,267.50
19. Centrecon MEO 8.5 Concrete Pole, Type B	Each	5	$2164.50	$10,822.50
20. Funk-Linko Corten Pole w/Base Cover (35 foot – Single Davit)	Each	5	$1332.00	$ 6,660.00

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

21. Funk-Linko Corten Pole w/Base Cover (40 foot – Twin Davit)	Each	3	$111.00	$ 333.00
22. Funk-Linko Corten Pole w/Base Cover (34.5 foot – Twin Davit)	Each	3	$111.00	$ 333.00
23. Pole Numbering Per IDOT Standards with Plaque and hardware	Each	5	$44.40	$ 222.00
24. Fixture Numbering Per Village Standards	Each	5	$16.65	$ 83.25
25. Aluminum Davit Arm – (8 foot)	Each	5	$621.60	$ 3,108.00
26. Full-height Corten Base Cover	Each	15	$466.20	$ 6,993.00
27. Aluminum Skirt Replacement	Each	5	$72.15	$ 360.75
28. Breakaway Couplings (Set of 4) for Corten Pole	Each	10	$377.40	$ 3,774.00
29. Concrete Pole Foundation, 24-inch Diameter	Per foot	5	$166.50	$ 832.50
30. Concrete Foundation Extender	Each	5	$111.00	$ 555.00
31. #6 RHH, RHW, USE-XLP, 600V	Per foot	500	$0.94	$ 470.00
32. #8 RHH, RHW, USE-XLP, 600V	Per foot	1500	$0.83	$ 1,245.00
33. 2-inch GRC Conduit	Per foot	30	$3.89	$ 116.70
34. 2-inch IMC Conduit	Per foot	30	$2.44	$ 73.20
35. 2-inch Schedule 80 PVC Conduit	Per foot	120	$1.21	$ 145.20
36. 3M Scotchcast Splicing Kit	Each	50	$55.50	$ 2,775.00
37. Lamp Socket	Each	10	$16.65	$ 166.50
38. Pole Base door and hardware	Each	20	$25.31	$ 506.20
39. Corten Base Cover hardware only	Each	5	$16.27	$ 81.35
40. Light Fixture Knuckle (slipfitters attached to pole)	Each	5	$260.85	$ 1,304.25
41. Unit price to inspect street lights/pole	Each	600	$86.58	$51,948.00
42. Unit price to re-lamp street lights	Each	250	$127.65	$ 31,912.50
	SUB TOTAL			**$164,392.40**

47. Total Price for One Year of Service NTE $264,268.45

Note 1: Re-lamping shall include replacing lamp, cleaning lens, adjusting fixture, inspecting pole, cleaning space between base plate and top of foundation and documenting actions taken on an Inspection Report (See Appendices). Contractor shall also record the Pole # and Date Changed on the new lamp wrapper and turn in all lamp wrappers thus marked with his Inspection Reports.

Note 2: Inspection Only shall include, cleaning lens, adjusting fixture, inspecting pole, cleaning space between base plate and top of foundation and documenting actions taken on an Inspection Report (See Appendices).

Note 3: **Est. Qty.** The Estimated Quantity provided is per contract year.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

APPENDIX A. Invoice Worksheet

LABOR	Hours	Rate	Sub-Total
Journeyman			
Laborer / Helper			
TOTAL LABOR			
EQUIPMENT	**Hours**	**Rate**	**Sub-Total**
Utility truck			
Pole Set truck			
Aerial truck			
Backhoe			
Auger			
Trencher			
Directional Boring Rig			
Arrow Board truck / trailer			
TOTAL EQUIPMENT			
MATERIAL	**Amount**	**Rate**	**Sub-Total**
70W HPS Lamp			
100W HPS Lamp			
250W HPS Lamp			
310W HPS Lamp			
400W HPS Lamp			
Photo Cell			
Igniter			
HPS Ballast			
Fuse Holder			
Fuse			
SD-1-1329 – Vandal Shield (Style 1) Fixture (70W)			
SD-1-1329-1– Vandal Shield (Style 1) Fixture (100W)			
SD-1-1327 (Style 4) Fixture (250W)			
SD-1-1327-1 (Style 4) Fixture (310W)			
SD-1-1327-2 (Style 4) Fixture (400W)			
Centrecon MEO 7 Concrete Pole Type A			
Centrecon MEO 8.5 Concrete Pole Type B			
Funk-Linko Corten Pole w/Base Cover (35 ft. – Single Davit)			
Funk-Linko Corten Pole w/Base Cover (40 ft. – Twin Davit)			
Funk-Linko Corten Pole w/Base Cover (34.5 ft. – Twin Davit)			
Pole Numbering Per IDOT Standards			
Fixture Numbering Per Village Standards			
Aluminum Davit Arm – 8 foot			
Full-height Corten Base Cover			
Aluminum Skirt Replacement			
Breakaway Coupling (Set of 4) for Corten Pole			
Concrete Pole Foundation, 24-inch Diameter			
Concrete Foundation Extender (See Note 1)			
#6 RHH, RHW, USE-XLP, 600V			
#8 RHH, RHW, USE-XLP, 600V			
2-inch GRC Conduit			
2-inch IMC Conduit			
2-inch Schedule 80 PVC Conduit			
3M Scotchcast Splicing Kit			
TOTAL MATERIAL			
		INVOICE TOTAL	

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

Appendix B.

Village of Buffalo Grove
Public Works Operations Division
Streetlight Maintenance Record

FORM RFP-1

Contractor:

Subcontractor:

Time Period Covered By Report:

Reported By:

W.O. Date	Pole #	Light Atlas Map No.	Location	Problem	Date Completed	Work Order No.	Work Performed	Bulb Replaced?	Bulb Wrapper Marked w/Pole # and Date Changed?	Lens Cleaned?	Fixture Adjusted?	Pole Inspected? *	Debris Cleared Between Fdn. & Base Plate?	ID # Checked? **	Recommendations

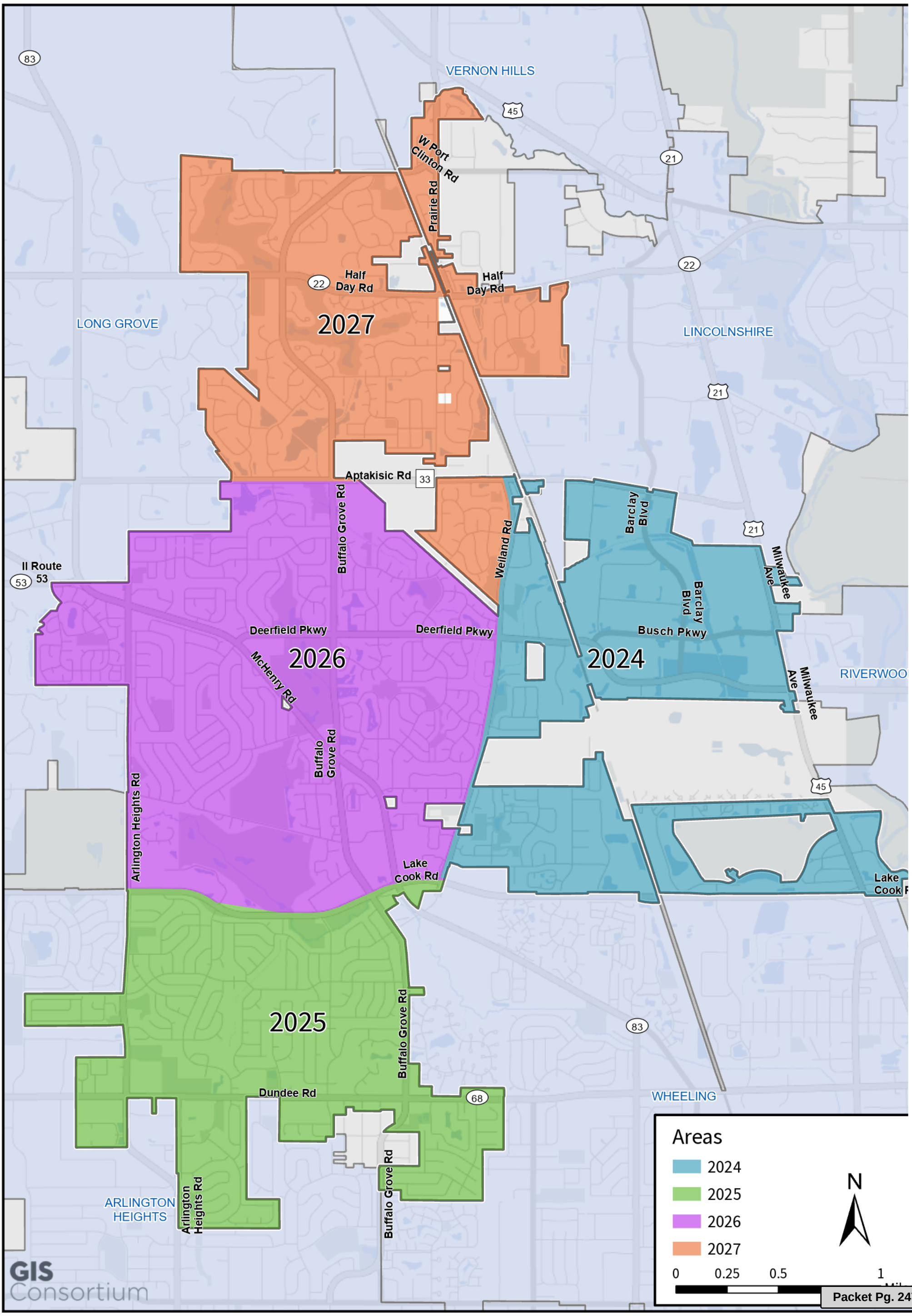
* Pole Inspection shall include, at minimum, checking for the following: physical damage, excessive corrosion, base cover condition, skirt condition, grading around light pole, missing hardware and pole plumbness.

** If ID is missing or incorrect on the light pole, then install or replace ID # sticker/plaque.

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

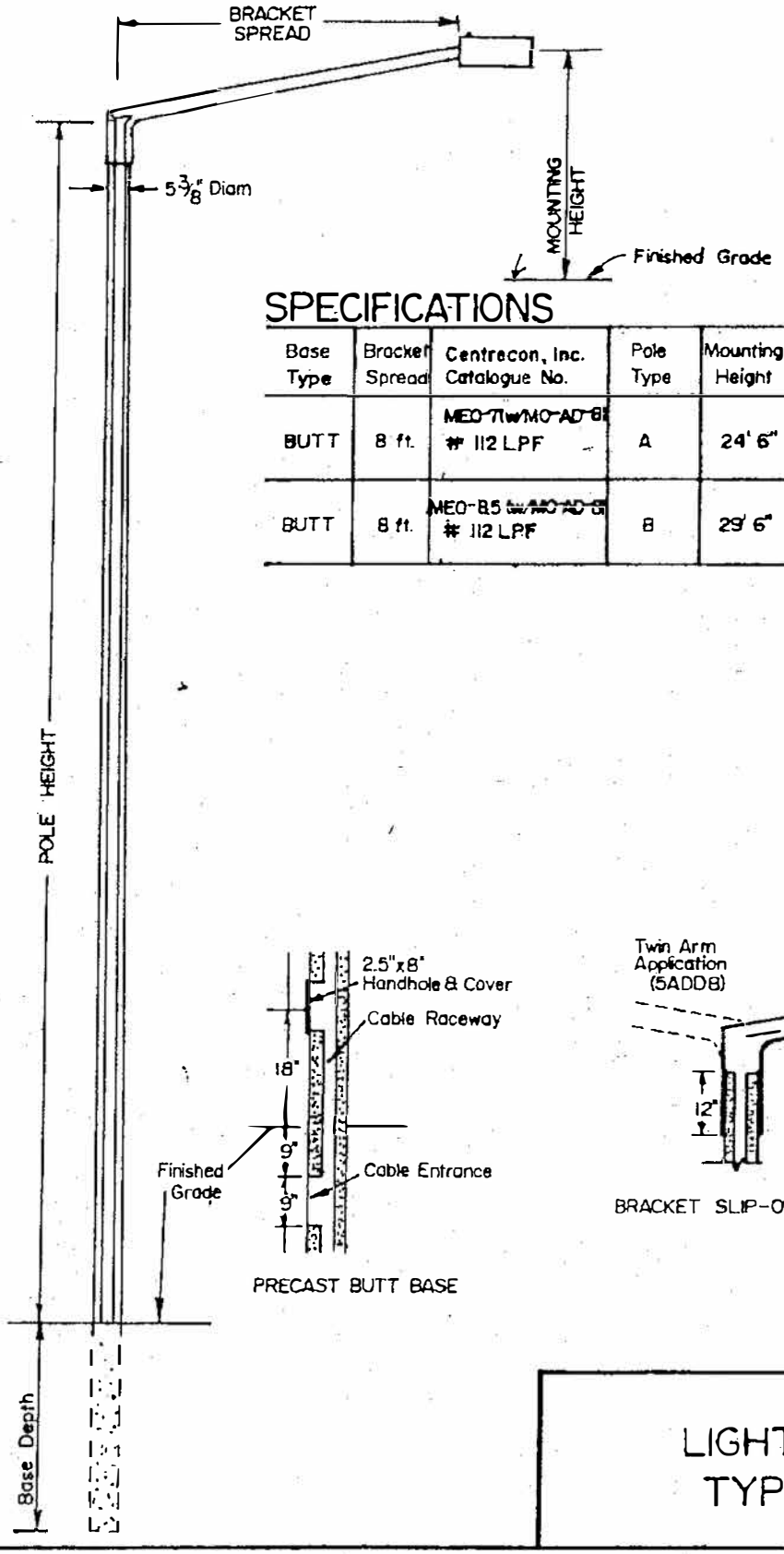
Appendix C

Streetlight Maintenance Areas



Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

EXHIBIT A.

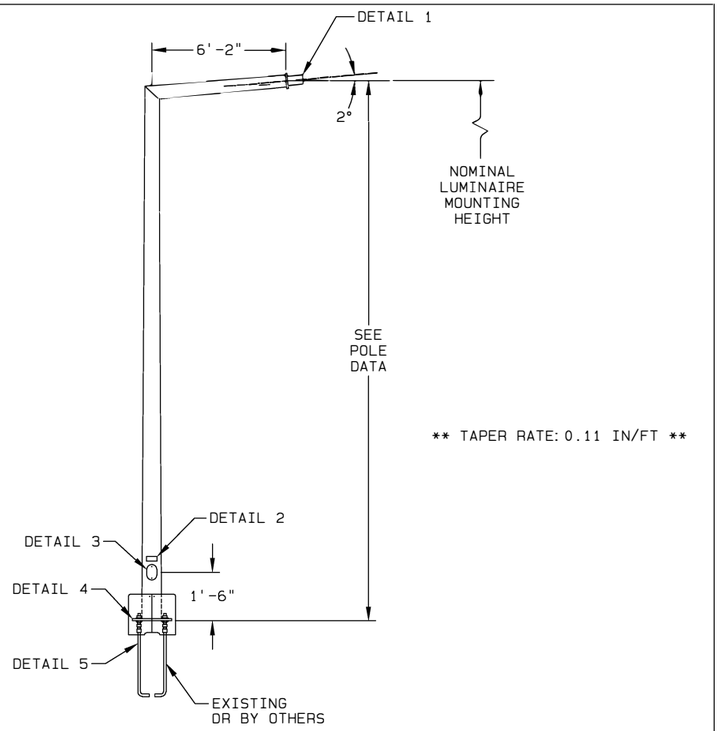


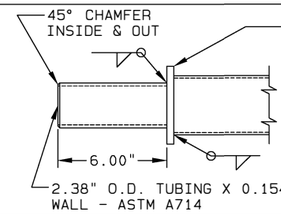
SPECIFICATIONS

Base Type	Bracket Spread	Centrecon, Inc. Catalogue No.	Pole Type	Mounting Height	Pole Height	Pole Diameter	Base Depth
BUTT	8 ft.	MEO-7 w/MO-AD-8 # 112 LPF	A	24' 6"	23' 0"	8"	5'
BUTT	8 ft.	MEO-8.5 w/MO-AD-8 # 112 LPF	B	29' 6"	28' 0"	8.5"	5'

LIGHT POLE
TYPES A&B

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)





DETAIL 1 | ARM END TENON

ALL HANDHOLES OR FESTOON OUTLETS SHOWN ON THIS DRAWING, WITH A COVER, GASKET AND BONDED WASHERS SUPPLIED BY VALMONT, HAVE BEEN APPROVED IN ACCORDANCE WITH NFPA 70 2014 NEC HANDBOOK SECTION 110.28, SPECIFICALLY ENCLOSURE TYPE 3R (RAINPROOF). THIS ENCLOSURE TYPE PROVIDES A DEGREE OF PROTECTION AGAINST INCIDENTAL CONTACT WITH THE ENCLOSED EQUIPMENT, RAIN, SNOW AND SLEET.

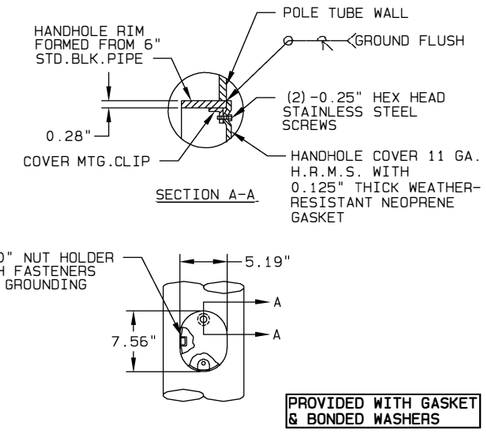
CONFORMANCE TO APPLICABLE NEC REQUIREMENTS OF COMPONENTS NOT PROVIDED BY VALMONT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

NATIONAL ELECTRIC CODE (NEC) REQUIREMENTS

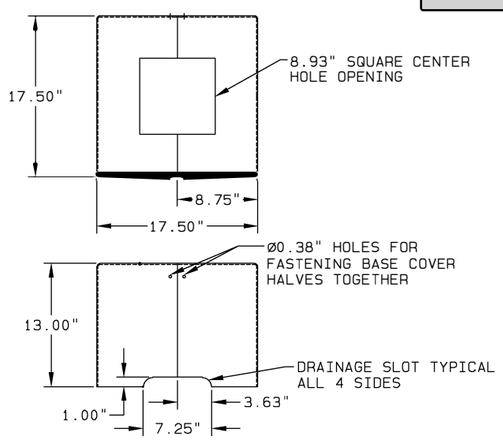
"CLASSIFIED LABEL": UL1598, CATEGORY IEUR (LUMINAIRE POLES) POLES AT LEAST 12FT TALL BUT LESS THAN 100FT.

LABEL IS AFFIXED 3" ABOVE THE LOWEST HANDHOLE RIM.

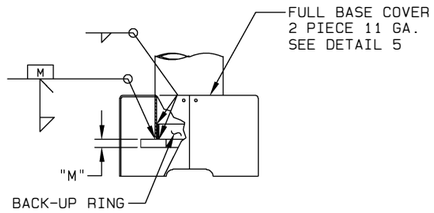
DETAIL 2 | UL1598 CATEGORY LABELS

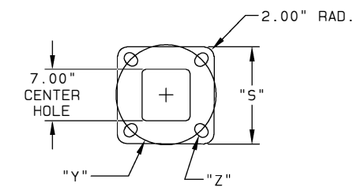


DETAIL 3 | HANDHOLE

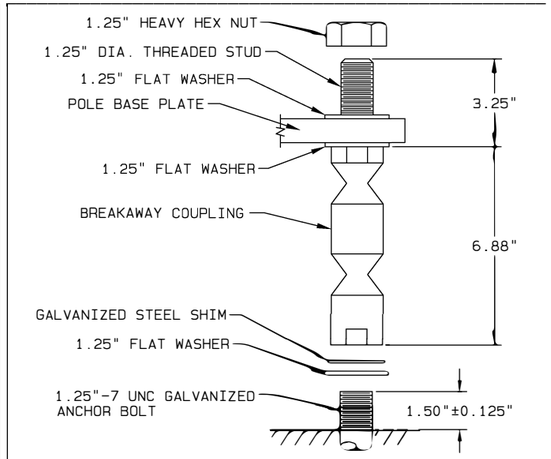


DETAIL 5 | FULL BASE COVER





DETAIL 4 | BASE PLATE



DETAIL 6 | TRANSPO NO.4125 BREAKAWAY COUPLIN

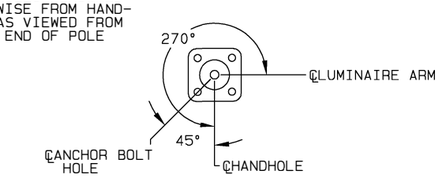
MATERIAL DATA

	ASTM DESIGNATION	MIN. YIELD (KSI)
POLE SHAFT	A595 GR.A	55
BASE PLATE	A36	36
ANCHOR BOLTS	EXISTING OR BY OTHERS	

FINISH DATA

SEE NOTE 1

ALL ANGLES MEASURED CLOCKWISE FROM HAND-HOLE AS VIEWED FROM SMALL END OF POLE



RADIAL INDEX

POLE AND SIGNAL ARM DATA

ITEM	QTY.	POLE TUBE BASE DIA. (IN)	POLE TUBE TOP DIA. (IN)	POLE TUBE LENGTH (FT)	POLE TUBE GAUGE OR THK. (IN)	POLE BASE SQUARE "S" (IN)	POLE BASE BOLT CIRCLE "Y" (IN)	POLE BASE THK. "M" (IN)	POLE BASE HOLE / SLOT "Z" (IN)	ANCHOR BOLT DIA. "K" (IN)	ANCHOR BOLT LENGTH "J" (IN)	ANCHOR BOLT HOOK "H" (IN)	ANCHOR BOLT THREAD LENGTH "U" (IN)	LUMINAIRE ARM BASE DIA. (IN)	LUMINAIRE ARM LENGTH "L" (FT)	LUMINAIRE ARM GAUGE OR THK. (IN)	LUMINAIRE MOUNTING HEIGHT (FT)
1	50	8.81	4.96	35.00	7	16.00	16.00	2.00	1.38 X 1.94	1.25	EXISTING OR BY OTHERS			4.96	6.17	7	35.00
2	50	8.81	4.41	40.00	7	16.00	16.00	2.00	1.38 X 1.94	1.25	EXISTING OR BY OTHERS			4.41	6.17	7	40.00

THE LIGHTING STRUCTURES SHOWN ON THIS DRAWING HAVE BEEN DESIGNED IN ACCORDANCE WITH THE LOADING AND THE NOMINAL STRENGTH REQUIREMENTS OF THE 2015 AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, FIRST EDITION", SLTS-1. THE WIND LOADS WERE CALCULATED FROM AN ULTIMATE WIND VELOCITY OF 120 MPH WITH A MEAN RECURRENCE INTERVAL OF 1700 YEARS.

AASHTO 2015 SPECIFICATIONS

NOTES:

1. PLEASE PROVIDE FINISH COLOR SAMPLE, RAL# OR VALMONT FINISH SPECIFICATION WITH RELEASE FOR MANUFACTURING.

REV	DRAWN BY-DATE	CHECK BY-DATE	DESCRIPTION
—	WL10 09/06/17	JTF 09/07/17	

SOLD TO:
SHIP TO:
P.O. #:
AGENT: LIGHTING SOLUTIONS

EXHIBIT B.
BUFFALO GROVE - ILLINOIS
TITLE LIGHTING STRUCTURES

VALMONT INDUSTRIES, INC. RESERVES THE RIGHT TO INSTALL VARIOUS, ENGINEER APPROVED, MATERIAL HANDLING ACCOMMODATIONS TO FACILITATE THE MANUFACTURING PROCESS.

valmont
Valley, NE 68064
(402) 359-2201

ORDER NUMBER: 383787-P1
PAGE NUMBER: 1 OF 1
DRAWING NUMBER IL38 REV

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE – Ideal for parking areas, street lighting, walkways and car lots.

CONSTRUCTION – Rugged, die-cast, soft corner aluminum housing with 0.12" nominal wall thickness. Die-cast door frame has impact-resistant, tempered, glass lens that is fully gasketed with one-piece tubular silicone.

Finish: Standard finish is dark bronze (DDB) polyester powder finish, with other architectural colors available.

OPTICS – Anodized, aluminum reflectors: IES full cutoff distributions R2 (asymmetric), R3 (asymmetric), R4 (forward throw) and R5S (square) are interchangeable. High-performance anodized, segmented aluminum reflectors IES full cutoff distributions SR2 (asymmetric), SR3 (asymmetric) and SR4SC (forward throw, sharp cutoff). High-performance reflectors attach with tool-less fasteners and are rotatable and interchangeable.

ELECTRICAL – Ballast: High pressure sodium: 250W is high reactance, high power factor. Constant wattage autotransformer for 250-400W. Super CWA (pulse start ballast), DOE 2017 compliant, is required for metal halide 250-400W (SCWA option) for US shipments only. CSA, NOM or INTL required for probe start shipments outside of the US. Ballast is 100% factory-tested.

Socket: Mogul base socket for 250M and above, and 70-400S, with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V.

LISTINGS – UL Listed (standard). CSA Certified (see Options). UL listed for 25°C ambient and wet locations. IP65 rated in accordance with standard IEC 529.

WARRANTY — 1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

NIGHTTIME FRIENDLY™

CONTOUR SERIES

Soft Square Lighti

KAD

Specifications

EPA: 1.2 ft.^{2}

*Weight: 35.9 lbs (16.28 kg)

Length: 17-1/2 (44.5)

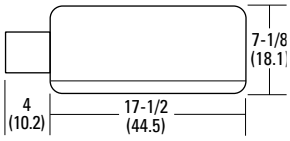
Width: 17-1/2" (44.5)

Depth: 7-1/8 (18.1)

All dimensions are inches (centimeters) unless otherwise specified.

*Weight as configured in example below.

METAL HALIDE: 250-40(
HIGH PRESSURE SODIUM: 150-40(
20'TO 35' MOUNTI



ORDERING INFORMATION For shortest lead times, configure product using **bolded options**.

Example: KAD 400M R3 TB SCWA SPD04

KAD								
Series	**Wattage**		**Distribution**		**Voltage**	**Ballast**	**Mounting**[9]	
KAD	Metal halide **250M**[1] **400M**[1,2]	High pressure sodium[3] 150S **250S** **400S**	Standard reflectors R2 IES type II asymmetric[4] **R3** IES type III asymmetric[4] **R4** IES type IV forward throw[4] R5S IES type V square	High performance reflectors[5] SR2 IES type II asymmetric[4] SR3 IES type III asymmetric[4] SR4SC IES type IV forward throw	120 208[6] 240[6] **277** **347** **480**[6] **TB**[7] 23050HZ[8]	(blank) Magnetic ballast CWI Contant wattage isolated[8] Pulse Start HID Ballast/Lamp Systems **SCWA** Super CWA pulse-start ballast NOTE: For shipments to U.S. territories, SCWA must be specified to comply with EISA.	Ships in fixture carton **SPD**___ Square pole RPD___ Round pole WBD___ Wall bracket WWD___ Wood or pole wall Ships separately[10,11] DAD12P Degree arm (pole) DAD12WB Degree arm (wall) KMA Mast arm external fitter KTMB Twin mounting bar WBA Decorative wall bracket[12]	Arm length **04** 4" arm 06 6" arm **09** 9" arm 12 12" arm

Options				**Finish**[17]				**Lamp**[18]
Shipped installed in fixture SF Single fuse (120, 277, 347V)[13] DF Double fuse (208, 240, 480V)[13] PD Power tray[14] **PER** NEMA twist-lock receptacle only (no photocontrol) QRS Quartz restrike system[15] QRSTD QRS time delay[15] WTB Terminal wiring block[14]	**CSA** CSA Certified INTL Available MH for probe start shipping outside the U.S. REGC1 California Title 20, effective 1/1/2010 Shipped separately[10] HS House side shield PE1 NEMA twist-lock PE (120, 208, 240V)	PE3 NEMA twist-lock PE (347V) PE4 NEMA twist-lock PE (480V) PE7 NEMA twist-lock PE (277V) SC Shorting cap for PER option VG Vandal guard[16] WG Wire guard[16]	**(blank)** Dark bronze **DWH** White **DBL** Black **DMB** Medium bronze **DNA** Natural aluminum Super Durable Finishes DDBXD Dark bronze DBLXD Black	DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white	**LPI** Lamp include **L/LP** Less lamp			

Accessories: Tenon Mounting Slipfitter *(RPDXX required.)*
Order as seperate catalog number. Must be used with pole mounting.

	Number of fixtures					
Tenon O.D.	One	Two@180°	Two@90°	Three@120°	Three@90°	Four@90°
2-3/8"	T20-190	T20-280	T20-290[19]	T20-320[19]	T20-390[19]	T20-490[19]
2-7/8"	T25-190	T25-280	T25-290[19]	T25-320	T25-390[19]	T25-490[19]
4	T35-190	T35-280	T35-290[19]	T35-320	T35-390[19]	T35-490[19]

Notes

1. These wattages require the REGC1 option to be chosen for shipments into California for Title 20 compliance. 250M REGC1 in not available in 347 or 480V.
2. Reduced jacket ED28 required for SR2, SR3 and SR4SC optics.
3. Not available with SCWA.
4. House-side shield available.
5. High performance reflectors not available with QRSTD.
6. Must specify CWI for use in Canada.
7. Optional multi-tap ballast (120, 208, 240, 277V; in Canada: 120, 277, 347V).
8. Consult factory for available wattages.
9. 9" or 12" arm is required when two or more luminaires are oriented on a 90° drilling pattern.
10. May be ordered as an accessory.
11. Must specify finish when ordered as an accessory.
12. Only available with SPD04 and SPD09. Can be ordered as separate line item.
13. Must specify voltage. N/A with TB.
14. Only available with SR2, SR3 and SR4SC optics.
15. Max allowable wattage lamp includ
16. Prefix with KAD when ordered as ar accessory.
17. See www.lithonia.com/archcolors fo additional color options.
18. Must be specified. L/LP not availabl with MHC.
19. Must use RPD09 or RPD12.

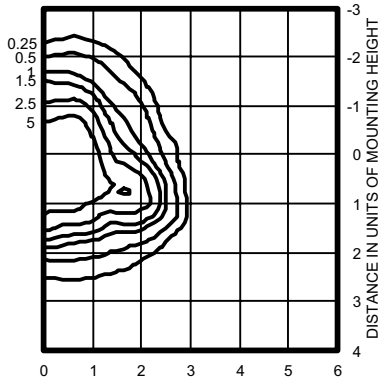
Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

KAD Metal Halide, Arm-mounted Soft Square Cutoff

Coefficient of Utilization ———
Initial Footcandles ———

KAD 400M R2 Test no. 1193083101P

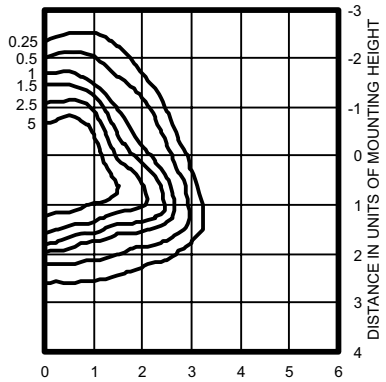
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38000 lumens. Footcandle values based on 20' mounting height.
Classification: Type II, Short, Full Cutoff

KAD 400M R3 Test no. 1192040902P

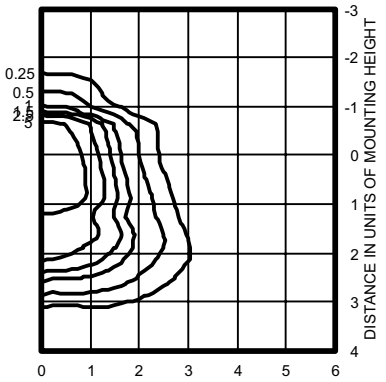
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38,000 lumens. Footcandle values based on 20' mounting height.
Classification: Type II, Short, Full Cutoff

KAD 400M R4 Test no. 1191110101P

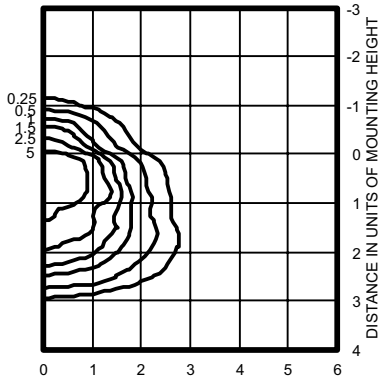
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38,000 lumens. Footcandle values based on 20' mounting height.
Classification: Unclassified (Type III, Very Short), Full Cutoff

KAD 400M R4HS Test no. 1192061101P

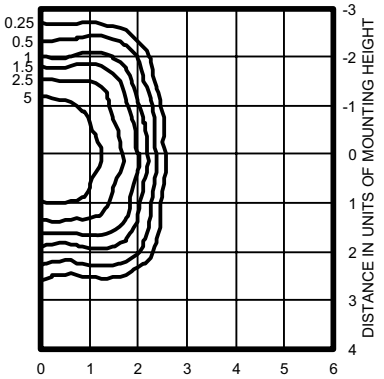
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38,000 lumens. Footcandle values based on 20' mounting height.
Classification: Unclassified (Type III, Very Short), Full

KAD 400M R5S Test no. 1194040801P

ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38000 lumens. Footcandle values based on 20' mounting height.
Classification: Unclassified (Type NC, Very Short), Full Cu

Notes

1 Photometric data for other distributions can be accessed at www.lithonia.com.

2 Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications on this sheet are based on the most current available data and are subject to change without notice.

3 For electrical characteristics, consult outdoor technical data specification sheets on www.lithonia.com.

Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

25 ft. = 0.64
35 ft. = 0.32
40 ft. = 0.25

$$\left(\frac{\text{Existing Mounting Height}}{\text{New Mounting Height}}\right)^2 = \text{Correction Factor}$$

©2007-2018 Acuity Brands Lighting, Inc. Al

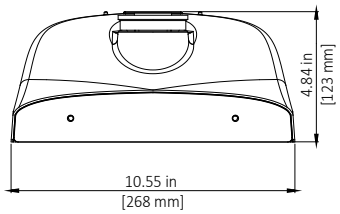
Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

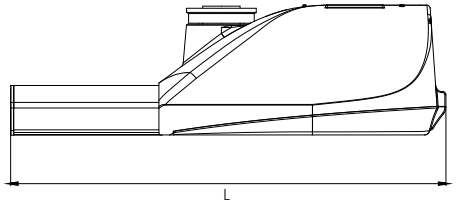
EC
ECobra-head™ LED Street Light

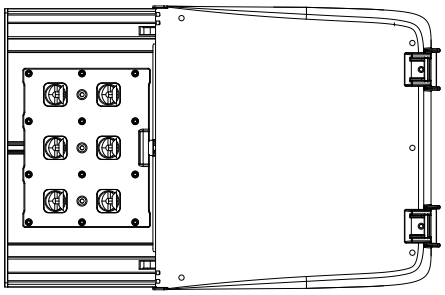
Project
Type
Catalog No.

Luminaire Data

	L	Weight	EPA
EC1	16.1 in [409 mm]	10.8 lb [4.9 kg]	0.40 ft^2
EC3	20.8 in [528 mm]	12.7 lb [5.8 kg]	0.45 ft^2
EC4	23.5 in [597 mm]	14.0 lb [6.3kg]	0.48 ft^2
EC7	30.6 in [777 mm]	19.3 lb [8.8 kg]	0.57 ft^2
EC9	35.4 in [899 mm]	21.3 lb [9.7kg]	0.63 ft^2







Ordering Information

Sample Catalog No. EC1 4M MV NW 2 GY 700 PCR5 WL

Product & No. & Type of LEDs	Voltage	Nominal Color Temperature[1]	Distribution	Finish[2]	Drive Current[3]	Options
EC1 4M **EC1 6M** **EC3 10M** **EC4 14M** **EC7 18M** **EC7 20M** **EC7 24M** **EC9 30M**	**MV** 120-277V **HV** 347-480V	**NW** 4000K	**2** Type 2 **3** Type 3	**GY** Gray	**350** 350mA **530** 530mA **700** 700mA	**BSK** Bird Spider Kit **SPB** Square Pole Bracket **RPB** Round Pole Bracket **PTB** Pole-Top Bracket **DSC** Door Safety Cable **HSS**[4] House Side Shield **CSS**[5] Cul-de-sac Side Shield **FDC**[6] Fixed Drive Current **LPCR** Less Photocontrol Receptacle **PCR5** ANSI 5-wire Photocontrol Receptacle **PCR7** ANSI 7-wire Photocontrol Receptacle **SC** PCR Shorting Cap **WL** Utility Wattage Label

Notes:
1 4000K standard, consult factory for other color temperatures.
2 Gray standard, consult factory for other finishes.
3 Factory set drive current, field adjustable standard. Refer to performance data on page 3.
4 Flush mounted House Side Shield factory installed, also available for field installation. Shield cuts light off at 1/2 mounting height behind luminaire.
5 Flush mounted Cul-de-sac Shield factory installed, also available for field installation. Shield cuts light off at 1 mounting height on either side of luminaire.
6 Non-field adjustable drive current. Specify 350mA, 530mA or 700mA setting.

© 2014 Leotek Electronics USA
www.leotek.com
EC_v051514 Specifications subject to change without notice

LEOTEK LITE-ON GROUP

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

EC
ECobra-head™ LED Street Light

Luminaire Specifications

Housing
Die cast and extruded aluminum housing with universal two-bolt slip fitter mounts to 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter mast arm. Leveling adjustment of +/-5º. Meets ANSI C136.31-2001 Normal Application, Bridge & Overpass, and Caltrans 611 Vibration Standards. Electrical components are accessed without tools and are mounted on a removable power door. Power door features quick electrical disconnects to terminal block and LED board.

Light Emitting Diodes
Hi-flux/Hi-power white LEDs produce a minimum of 95% of initial intensity at 100,000 hours of life. LEDs are tested in accordance with IES LM-80 testing procedures. Mean correlated color temperature of 4000K (standard) and 70 minimum CRI. LEDs are 100% mercury and lead free.

Optical Systems
Micro-lens systems produce IESNA Type 2 or Type 3 distributions. Luminaire produces 0% total lumens above 90º (BUG Rating, U=0). Optional house side shield cuts light off at 1/2 mounting height behind luminaire. Cul-de-sac shield provides back and side light control for end of cul-de-sac applications. Both shields are field installable without tools.

Electrical
Power supply drive current is field adjustable (350mA, 530mA or 700mA). Power supply features a minimum power factor of .90 and <20% Total Harmonic Distortion (THD). EMC meets or exceeds FCC CFR Part 15. Transient voltage complies with ANSI C62.41 Cat. A. Integral surge protector is tested per ANSI/IEEE C62.45 procedures based on ANSI/IEEE C62.41.2 definitions for standard and optional waveforms for Location Category C High. Photocontrol receptacle is standard, ANSI C136.41 5-wire (PCR5) or 7-wire (PCR7) dimming receptacle optional. Photocontrol or control module is provided by others. Power Supply is 0-10V dimmable standard with PCR5 or PCR7 option.

Finish
Housing receives a fade and abrasion resistant, epoxy polyester powder coat, light gray finish standard. Aluminum extruded components are anodized. Meets 3000 hours salt spray test.

Listings/Ratings/Labels
Luminaires are UL listed for use in wet locations in the United States and Canada. Optical systems maintain an IP66 rating. Design Lights Consortium qualified product.

Photometry
Luminaires are photometrically tested by certified independent testing laboratories in accordance with IES LM-79 testing procedures.

Warranty
10-year limited warranty is standard on luminaire and components.

Performance Data
See next page

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

© 2014 Leotek Electronics USA

EC
ECobra-head™ LED Street Light

Performance Data

All data nominal, consult factory for IES files or LM-79 reports.

			Type 2			Type 3		
No. of LEDs & Type	**Drive Current (mA)**	**System Wattage (W)**	**Delivered Lumens (Lm)**	**Efficacy (Lm/W)**	**BUG Rating**	**Delivered Lumens (Lm)**	**Efficacy (Lm/W)**	**BUG Rating**
EC1 4M	350*	19	1900	100	B1 U0 G1	1800	95	B1 U0 G1
	450	23	2300	100	B1 U0 G1	2200	96	B1 U0 G1
	530	27	2700	100	B1 U0 G1	2500	93	B1 U0 G1
	700	35	3300	94	B1 U0 G1	3100	89	B1 U0 G1
EC1 6M	350	29	3000	103	B1 U0 G1	2900	100	B1 U0 G1
	530	42	4100	98	B1 U0 G1	4000	95	B1 U0 G1
	700	54	5000	93	B1 U0 G1	5000	93	B1 U0 G1
EC3 10M	350	40	4700	118	B1 U0 G1	4500	113	B1 U0 G1
	530	63	6500	103	B2 U0 G2	6500	103	B1 U0 G1
	700	87	8300	95	B2 U0 G2	8300	95	B2 U0 G1
EC4 14M	350	65	6800	105	B2 U0 G2	6800	105	B1 U0 G1
	530	98	9400	96	B2 U0 G2	9400	96	B2 U0 G2
	700	130	11700	90	B2 U0 G2	11700	90	B2 U0 G2
EC7 18M	350	82	8700	106	B2 U0 G2	8600	105	B2 U0 G2
	530	122	12000	98	B2 U0 G2	11900	98	B2 U0 G2
	700	163	15000	92	B2 U0 G2	14800	91	B2 U0 G2
EC7 20M	350	90	9700	108	B2 U0 B2	9600	107	B2 U0 G2
	530	137	13300	97	B3 U0 G3	13200	96	B2 U0 G2
	700	180	16700	93	B3 U0 G3	16500	92	B3 U0 G2
EC7 24M	350	109	11600	106	B3 U0 G3	11500	106	B2 U0 G2
	530	165	16000	97	B3 U0 G3	15800	96	B2 U0 G2
	700	215	20000	93	B3 U0 G3	19700	92	B3 U0 G3
EC9 30M	350	130	14000	108	B3 U0 G3	13800	106	B3 U0 G2
	530	198	19300	97	B3 U0 G3	19100	96	B3 U0 G2
	700	260	24000	92	B3 U0 G3	23700	91	B3 U0 G3

Note:
* DLC qualification for EC1 4M at 350mA limited to 120-240V

Attachment: FY24 Street Light Contract - Final (O-2024-17 : Street Light Maintenance Contract)

© 2014 Leotek Electronics USA
www.leotek.com
EC_v051514 Specifications subject to change without notice

Ordinance No. O-2024-18 : An Ordinance Authorizing Execution of a Contract with Urban Communications, Inc. for a Communications Tower at 1650 Leider Lane

Recommendation of Action

Staff recommends approval

Summary: Staff recommends the Village Board approve the proposed negotiated Communications Tower contract for 1650 Leider Lane with Urban Communications, Inc. in the amount of $158,502.62, with a 10% contingency of $15,850.26 to be controlled by the Village Manager, for a total not to exceed $174,352.88.

ATTACHMENTS:

- Communications Tower 1650 Leider Lane Contract Memo (DOCX)
- Urban Communications Ordinance 2024 (DOCX)
- Public Works Communication Tower Contract (PDF)

Trustee Liaison
Bocek

Staff Contact
Jim Warnstedt, Public Works

Monday, February 5, 2024	

VILLAGE OF
BUFFALO GROVE

DATE: January 30, 2024

TO: Brett Robinson, Administrative Services Director

FROM: Jim Warnstedt, Deputy Public Works Director

RE: Communications Tower for 1650 Leider Lane

Recommendation

Staff recommends the Village Board approve the proposed negotiated Communications Tower contract for 1650 Leider Lane with Urban Communications, Inc. in the amount of $158,502.62, with a 10% contingency of $15,850.26 to be controlled by the Village Manager, for a total not to exceed $174,352.88.

Background Information

The Department of Public Works needs to construct a communications antenna tower at the new Public Works facility at 1650 Leider Lane. The proposed tower will be 120 feet tall, self-supporting with mounted antennas and have anti-climb shields on the sides of the tower base. The communications devices mounted on the towers will only be for Village specific devices, and no commercial use devices are proposed. The tower is critical to the connectivity of Public Works communications and will support our efforts to serve our residents effectively and efficiently during daily activities as well as emergency situations.

Staff negotiated a contract with Urban Communications, Inc., which has been the trusted communications tower contractor for the Village of Buffalo Grove for many years. Urban Communications, Inc. has already been engaged in the preliminary regulatory work required to gain the necessary approvals for our site. If approved, this project would take place in tandem with the site work taking place at 1650 Leider Lane, ensuring communications would be up and running in time for the facility to open in September.

Attachment: Communications Tower 1650 Leider Lane Contract Memo (O-2024-18 : Communications Tower at 1650 Leider Lane)

ORDINANCE 2024-____

AN ORDINANCE AUTHORIZING EXECUTION OF A CONTRACT WITH URBAN COMMUNICATIONS, INC. FOR A COMMUNICATIONS TOWER AT 1650 LEIDER LANE

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Village sought out companies qualified to provide the requested services and materials; and

WHEREAS, the Village engaged in a competitive procurement process to obtain the best value for money.

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows**:**

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Village Manager is authorized to execute a contract with Urban Communications, Inc., for the Communications Tower at 1650 Leider Lane, at a price of $158,502.62, with a 10% contingency of $15,850.26, for a total not to exceed $174,352.88, pending review and approval by the Village Attorney.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and not be codified.

AYES: _____
NAYES: _____
ABSENT: _____
PASSED: _____, 2024
APPROVED: _____, 2024

APPROVED:

_____
Eric N. Smith, Village President

ATTEST:

_____
Janet Sirabian, Village Clerk

Attachment: Urban Communications Ordinance 2024 (O-2024-18 : Communications Tower at 1650 Leider Lane)

COMMUNICATIONS TOWER AT 1650 LEIDER LANE

Public Works Communication Tower Contract (the "**Contract**") is entered between the Village of Buffalo Grove (hereinafter the "**Village**" or "**Owner**"), an Illinois home-rule unit of government, and Urban Communications, Inc. (hereinafter the "**Contractor**") on this _____ day of _____, 2024 (the "**Effective Date**"). The Village and the Contractor are hereinafter sometimes collectively referred to as the "**Parties**" and individually as a "**Party**".

RECITALS

WHEREAS, the Village has solicited bids for the Work (defined below), Contractor has submitted a bid for the Work and Village has selected Contractor for the Work based on their bid; and

WHEREAS, the Contractor wishes to enter into this Contract with the Village and the Village wishes to enter into this Contract with the Contractor for the Work;

NOW THEREFORE, for and in consideration of the mutual covenants and promises herein contained, the adequacy and sufficiency of which are hereby acknowledged by the Parties, it is agreed as follows:

ARTICLE I - WORK TO BE DONE BY THE CONTRACTOR

The Village does hereby hire and contract with the Contractor to provide all the labor, equipment, materials and/or services described more thoroughly on Contract **Exhibit A** (the "**Work**") which is incorporated into the Contract by this reference.

ARTICLE II - CONTRACT DOCUMENTS

The following exhibits are attached hereto and incorporated herein by this reference:

Contract Exhibit A – Description of the Work
Contract Exhibit B – Schedule of Prices
Contract Exhibit C – Performance and Payment Bond
Contract Exhibit D – Partial Lien Waiver
Contract Exhibit E – Final Lien Waiver

If any term or provision of this Contract shall conflict with any term or provision of the exhibits referenced above, the terms and provisions of the exhibit shall control.

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

ARTICLE III - CONTRACT AMOUNT

The Village agrees to pay the Contractor for the proper and timely performance of the Work in strict accordance with this Contract as detailed in **Contract Exhibit B (**the **"Schedule of Prices")** Unless explicitly provided otherwise in this Contract, the detailed sums shall be the full and exclusive compensation owed to the Contractor for the Work; and Contractor may not seek additional payments from the Village.

The Village of Buffalo Grove reserves the right to reject a proposed price increase and terminate the Contract.

ARTICLE IV – APPLICATION FOR PAYMENT

The Contractor shall be paid at most once a month and only after providing the Village the following:

1. An executed and notarized Contractor's Sworn Statement in a form similar to AIA G702 or AIA G703;
2. Either a partial or final lien waiver from every subcontractor, sub-subcontractor, or materialman in substantially the same form as attached here as **Contract Exhibit D** and **Contract Exhibit E**;
3. Certified payroll necessary for the Prevailing Wage Act; and

All payments under this Contract must be approved by the Village's Board at regularly scheduled meetings. The Village reserves the right to request any receipts, invoices, proof of payments as the Village, in its sole discretion, may deem necessary to justify the payment requested *prior* to paying the requested payment. The Contractor shall furnish with his final application for payment a Final Lien Waiver from itself and, if not already provided, from every subcontractor and materialman of the Work.

The Contractor acknowledges that the Village is a unit of local government and that all payments under the Contract are subject to the Local Government Prompt Payment Act, 50 ILCS 505 et seq. To that extent, the Village shall have forty-five calendar (45) days from receipt of a bill or invoice to pay the same before it is considered late under the Contract. Interest, if any, charged for any late payments will be subject to the interest rate caps specified in the Prompt Payment Act.

ARTICLE V – CONTRACT TIME

Term. The Contractor shall fully, and not substantially, complete all the Work and the Work shall be accepted by the Director of Public Works, provided that acceptance by the Director of Public Works shall not be unreasonably delayed, on or before Wednesday September 11, 2024.

If the Contractor shall fail to complete the work within the Contract Time which shall include any proper extension granted by the Village, the Contractor shall pay to the Village an amount equal to Five Hundred dollars ($500) per calendar day for each day past the Contract Time until final acceptance by the Village, as liquidated damages and not as a penalty.

Termination of Contract. The Contract may be terminated, in whole or in part, by either party if the other party substantially fails to fulfill its obligations under the Contract through no fault of the terminating party; or the Village may terminate the Contract, in whole or in part, for its convenience. However, no such termination may be effected unless the terminating party gives the other party: (1) not less than thirty (30) calendar days written notice by certified mail of intent to terminate, and (2) an opportunity for a meeting with the terminating party before termination.

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

ARTICLE VI – PERFORMANCE and PAYMENT BOND

The Contractor shall provide the Village with a performance and payment bond in substantially the same form as on **Contract Exhibit C** (the "**Performance and Payment Bond**") prior to Contractor beginning any Work and within 10 calendar days of the Notice of Award sent to the Contractor.

ARTICLE VII – ACCIDENT PREVENTION

The Contractor shall exercise every precaution at all times to protect itself, the property of the Village and the property of others. The safety provision of all applicable laws and ordinances shall be strictly observed by the Contractor at all times. Any practice deemed hazardous or dangerous by the Director of Public Works or his authorized representatives shall be immediately discontinued by the Contractor upon receipt of instructions from the Director of Public Works or his authorized representatives. To the fullest extent permitted by law, the Contractor shall be solely responsible for all safety-related matters.

ARTICLE VIII – INDEMNIFICATION

To the fullest extent permitted by law, the Contractor agrees to defend, pay on behalf of, indemnify, and hold harmless the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village against any and all claims, demands, suits or loss, including all costs connected therewith, and for any damages which may be asserted, claimed or recovered against or from the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village, by reason of personal injury, including bodily injury and death, and/or property damage, whether damage to property of the Village or of a third party, including loss of use thereof, which arises out of or is in any way connected or associated with the Contract and the Work.

ARTICLE IX – CONTRACTORS INSURANCE

Contractor shall procure and maintain, for the duration of the Contract and any maintenance period, insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees or subcontractors.

A. Minimum Scope of Insurance: Coverage shall be at least as broad as:

Insurance Services Office Commercial General Liability occurrence form CG 0001 with the Village of Buffalo Grove named as additional insured on a primary and non-contributory basis. This primary, non-contributory additional insured coverage shall be confirmed through the following required policy endorsements: ISO Additional Insured Endorsement CG 20 10 or CG 20 26 and CG 20 01 04 13

1. Insurance Services Office Commercial General Liability occurrence form CG 0001 with the Village named as additional insured, on a form at least as broad as the ISO Additional Insured Endorsement CG 2010 and CG 2026
2. Insurance Service Office Business Auto Liability coverage form number CA 0001, Symbol 01 "Any Auto."
3. Workers' Compensation as required by the Labor Code of the State of Illinois and Employers' Liability insurance.
4. Owners and Contractors Protective Liability (OCP) policy with the Village of Buffalo Grove as insured
5. Builder Risk Property Coverage with Village as loss payee

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

B. Minimum Limits of Insurance: Contractor shall maintain limits no less than:

1. Commercial General Liability: $1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage. The general aggregate shall be twice the required occurrence limit. Minimum General Aggregate shall be no less than $2,000,000 or a project/contract specific aggregate of $1,000,000.
2. Business Automobile Liability: $1,000,000 combined single limit per accident for bodily injury and property damage.
3. Workers' Compensation and Employers' Liability: Workers' Compensation coverage with statutory limits and Employers' Liability limits of $500,000 per accident.
4. Owners and Contractors Protective Liability (OCP): $1,000,000 combined single limit per occurrence for bodily injury and property damage.
5. Builder's Risk: Shall insure against "All Risk" of physical damage, including water damage (flood and hydrostatic pressure not excluded), on a completed replacement cost basis.

C. Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the Village. At the option of the Village, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as it respects the Village, its officials, agents, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigation, claim administration and defense expenses.

D. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

1. General Liability and Automobile Liability Coverages:
   a. The Village, its officials, agents, employees and volunteers are to be covered as insureds as respects: liability arising out of activities performed by or on behalf of the Contractor; products and completed operations of the Contractor; premises owned, leased or used by the Contractor; or automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the Village, its officials, agents, employees and volunteers.
2. The Contractor's insurance coverage shall be primary and non-contributory as respects the Village, its officials, agents, employees and volunteers. Any insurance or self-insurance maintained by the Village, its officials, agents, employees and volunteers shall be in excess of Contractor's insurance and shall not contribute with it.
3. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Village, its officials, agents, employees and volunteers.
4. The Contractor's insurance shall contain a Severability of Interests/Cross Liability clause or language stating that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
5. If any commercial general liability insurance is being provided under an excess or umbrella liability policy that does not “follow form,” then the Contractor shall be required to name the Village, its officials, employees, agents and volunteers as additional insureds.
6. All general liability coverage shall be provided on an occurrence policy form. Claims-made general liability policies will not be accepted.
7. The contractor and all subcontractors hereby agree to waive any limitation as to the amount of contribution recoverable against them by the Village. This specifically includes any limitation imposed by any state statute, regulation, or case law including any Workers’ Compensation Act provision that applies a limitation to the amount recoverable in contribution such as Kotecki v. Cyclops Welding

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

E. All Coverages:

1. No Waiver. Under no circumstances shall the Village be deemed to have waived any of the insurance requirements of this Contract by any act or omission, including, but not limited to:
    a. Allowing work by Contractor or any subcontractor to start before receipt of Certificates of Insurance and Additional Insured Endorsements.
    b. Failure to examine, or to demand correction of any deficiency, of any Certificate of Insurance and Additional Insured Endorsement received.
2. Each insurance policy required shall have the Village expressly endorsed onto the policy as a Cancellation Notice Recipient. Should any of the policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.

F. Acceptability of Insurers

Insurance is to be placed with insurers with a Best's rating of no less than A-, VII and licensed to do business in the State of Illinois.

G. Verification of Coverage

Contractor shall furnish the Village with certificates of insurance naming the Village, its officials, agents, employees, and volunteers as additional insured's and with original endorsements, affecting coverage required herein. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements are to be received and approved by the Village before any work commences. The Village reserves the right to request full certified copies of the insurance policies and endorsements.

The Certificate of Insurance shall state the Village of Buffalo Grove has been endorsed as an "additional insured" by the Vendor's insurance carrier. Specifically, this Certificate must include the following language: **"The Village of Buffalo Grove, and it's respective elected and appointed officials, employees, agents, consultants, attorneys and representatives, are, and have been endorsed, as an additional insured under the above reference policy number_____ on a primary and non-contributory basis for general liability and automobile liability coverage for the duration of the agreement term."**

H. Subcontractors

Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage for subcontractors shall be subject to all of the requirements stated herein.

I. Assumption of Liability

The contractor assumes liability for all injury to or death of any person or persons including employees of the contractor, any subcontractor, any supplier or any other person and assumes liability for all damage to property sustained by any person or persons occasioned by or in any way arising out of any work performed pursuant to the Contract.

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

J. Workers' Compensation and Employers' Liability Coverage

The insurer shall agree to waive all rights of subrogation against the Village of Buffalo Grove, its officials, employees, agents and volunteers for losses arising from work performed by the Contractor for the municipality.

K. Failure to Comply

In the event the Contractor fails to obtain or maintain any insurance coverages required under this contract, The Village may purchase such insurance coverage's and charge the expense thereof to the Contractor.

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

ARTICLE X – CERTIFICATE OF AUTHORITY AND SURETY CERTIFICATE

The Contractor shall furnish the Village with a current Certificate of Authority or Surety Certificate issued by the Illinois Department of Insurance for the bonding company and insurance company they are using. In lieu of a Certificate of Authority of Surety Certificate, the Contractor may provide certificate of good standing from the Illinois Department of Insurance's website.

ARTICLE XI – COPYRIGHTS AND LICENSES

The Contractor agrees that all documents of any kind whatsoever, and in whatever medium expressed, prepared by the Contractor and the Contractor's consultants in connection with the Work (collectively, the "**Documents**") or otherwise pursuant to this Contract and all rights therein (including trademarks, trade names, rights or use, copyrights and/or other proprietary rights) shall be and remain the sole property of the Village (regardless of whether the Village or the Contractor terminates this Contract for any reason whatsoever). The Contractor hereby agrees that the Documents are or shall be deemed to be "Works for Hire" within the meaning of Section 101 of the Copyright Act, and the Contractor hereby assigns to the Village all right, title and interest therein. Notwithstanding, the Contractor shall indemnify and hold harmless the Village, its appointed and elected officials, employees, agents and volunteers from and against all claims, damages, losses, and expenses (including attorneys' fees and court and arbitration costs) arising out of any infringement of patent rights or copyrights incident to the Documents and the Work.

ARTICLE XII – NOTICE

All notices, demands, requests, consents, approvals and other communications required or permitted to be given hereunder (a "**Notice**") shall be in writing and shall be deemed effective three (3) business days after mailing if mailed by certified mail with return receipt requested and immediately if served personally, and shall be addressed to the following:

IF TO THE VILLAGE:	Village of Buffalo Grove 50 Raupp Blvd Buffalo Grove, IL 60089 mskibbe@vbg.org Deputy Village Manager/Director of Public Works
WITH COPIES TO:	Cc: pbrankin@schainbanks.com Cc:tcwisniewski@vbg.org
IF TO THE CONTRACTOR:	_____ _____ _____ _____ ATTN: _____

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

ARTICLE XIII – CHANGE ORDERS

If the Village requests any change to the Work the Village shall do so by delivering Notice of the same to the Contractor and the change requested by the Village shall be effective upon receipt of the Notice by the Contractor. The Contractor may propose a change to the Work by delivering Notice of the proposed change along with a description of the changes full effect on the Work to the Village; provided, such requested change shall not be deemed accepted until the Village has delivered to the Contractor Notice of the same. Prior to approving a proposed change to the Work by the Contractor, the Village may request such additional documentation as it deems necessary to investigate the proposed change. The Contractor shall be responsible for informing all its employees and subcontractors of any changes to the Work, whether such change is requested by the Contractor or the Village.

ARTICLE XIV – NOTICE OF STARTING WORK

The Contractor shall provide Notice to the Village prior to the Contractor, or its employees or subcontractors, starting the Work or any phase of the Work.

ARTICLE XV – SEQUENCE OF THE WORK

The Director of Public Works shall have the power to direct the order and sequence of the Work. On any major portion of the Work, all accessories shall be set coincident with the main construction. Payment for major portions of the Work may be withheld until proper completion of accessories.

ARTICLE XVI – SUPERVISION

The Director of Public Works shall have override power to superintend and direct the Work, and the Contractor shall perform all of the Work herein specified to the satisfaction, approval and acceptance of the Director of Public Works. The Contractor shall have at all times a competent foreman or superintendent at the Work's site, who shall have full authority to act for the Contractor and to receive and execute orders from the Director of Public Works, and any instructions given to such superintendent or person, executing work for the Contractor, shall be binding on the Contractor as though it was personally given to the Contractor.

ARTICLE XVII – STANDARD OF WORK AND WORKERS

The Contractor shall employ competent staff and shall discharge, at the request of the Director of Public Works, any incompetent, unfaithful, abusive or disorderly workers in its employ. Where experts or skilled workers must be employed, only expert or skilled workers shall be employed.

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

ARTICLE XVIII – CONDITIONS OF THE WORK SITE

The Contractor shall provide and maintain such sanitary accommodations for the use of its employees as may be necessary to comply with the State and local Board of Health requirements. Public nuisances will not be permitted. The Contractor shall leave said Work's site(s) in the best possible condition to the complete satisfaction of the Director of Public Works. No vehicles of any kind shall be placed, parked, or operated upon any grass areas at any time except as authorized by the Director of Public Works or his authorized representative. Further, the Contractor shall exercise every precaution for the protection of all persons and all property. The safety provisions of all-applicable laws and ordinances shall be strictly observed. Any practice hazardous in the opinion of the Director of Public Works or his authorized representatives shall be immediately discontinued by the Contractor upon his receipt of instructions from the Director of Public Works or his authorized representative. To the maximum extent permitted by law, the Contractor shall be responsible for all safety-related matters.

ARTICLE XIX – WARRANTY PERIOD

All material and workmanship shall be warranted and guaranteed according to manufacturer's recommendation after inspection and approval by the Director of Public Works or his designated representative. All work performed by the Contractor shall be warranted by the Contractor following completion and final acceptance of the Work for a period of twelve (12) months from the date of final, and not substantial, completion.

ARTICLE XX – ACCIDENTS

In the event of any accident of any kind that involves the general public or property of the Village or a third party, the Contractor shall immediately notify the Director of Public Works by phone as well as provide Notice of the same. The Notice shall include a full accounting of all details of the accident. The Contractor shall furnish the Village with copies of all reports of such accidents at the same time that the reports are forwarded to any other interested parties.

ARTICLE XXI – NO ASSIGNMENT

If the Contractor sublets or assigns any part of the Work, then the Contractor shall not under any circumstances be relieved of its liabilities hereunder. All transactions of the Village shall be with the Contractor. Subcontractors shall be recognized only in the capacity of employees or workmen and shall be subject to the same requirements as to character and competence. The Contractor shall not assign, transfer, convey, sell or otherwise dispose of the whole or any part of this Contract to any person, firm or corporation without written consent of the Director of Public Works or his authorized representative.

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

ARTICLE XXII – DEFAULT

The following shall constitute a default an "**Event of Default**" by the Contractor under this Contract:

A. If the Contractor shall fail to strictly observe or perform one or more of the terms, conditions, covenants and agreements of this Contract;

B. If there shall be placed on any property owned by the Village any mechanics', materialmens' or suppliers' lien;

C. If there shall be instituted any proceeding against the Contractor seeking liquidation, dissolution or similar relief and the same shall not be dismissed within forty-five (45) calendar days;

D. If there shall be appointed any trustee, receiver or liquidator of the Contractor and such appointment shall not have been vacated within forty-five (45) calendar days; and

E. If the Contractor fails to maintain or obtain any and all permits, licenses and the like, if any, required by the Village, State or Federal governments for the Work.

Upon any Event of Default, the Village shall have the option of (**i**) terminating the Contract; (**ii**) pursuing any remedy available to it at law or in equity; or (**iii**) pursuing both simultaneously. In addition, upon an Event of Default, the Village may withhold payments due to the Contractor until it has hired a replacement of the Contractor and deducted all costs of hiring a replacement.

ARTICLE XXIII – DELAYS

The Contractor shall not be liable in damages for delays in performance when such delay is the result of fire, flood, strike, acts of God, or by any other circumstances which are beyond the control of the Contractor; provided, however, under such circumstances the Village may, at its option, cancel the Contract.

ARTICLE XXIV – COMPLIANCE WITH LAWS

The Contractor shall comply with all applicable laws, regulations and rules promulgated by any federal, state, local, or other governmental authority or regulatory body pertaining to all aspects of the Work, now in effect, or which may become in effect during the performance of the Work. The scope of the laws, regulations, and rules referred to in this paragraph includes, but is in no way limited to, the Illinois Human Rights Act, Illinois Equal Pay Act of 2003, Occupational Safety & Health Act along with the standards and regulations promulgated pursuant thereto (including but not limited to those safety requirements involving work on elevated platforms), all forms of traffic regulations, public utility, Interstate and Intrastate Commerce Commission regulations, Workers' Compensation Laws, Public Construction Bond Act, Public Works Preference Act, Employment of Illinois Workers on Public Works Act, USA Security Act, federal Social Security Act (and any of its titles), and any other law, rule or regulation of the Illinois Department of Labor, Department of Transportation, Illinois Environmental Protection Act, Illinois Department of Natural Resources, Illinois Department of Human Rights, Human Rights Commission, EEOC, and the Village of Buffalo Grove. Notwithstanding the following, the Contractor shall particularly note that:

A. NO DISCRIMINATION – The Contractor shall comply with the provisions of the Illinois Public Works Employment Discrimination Act and the Illinois Human Rights Act/Equal Opportunity Clause which, pursuant to Illinois law, are deemed to be part of this Contract.

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

B. FREEDOM OF INFORMATION - The Contractor agrees to furnish all documentation related to the Contract, the Work and any documentation related to the Village required under an Illinois Freedom of Information Act (ILCS 140/1 et. seq.) ("**FOIA**") request within five (5) calendar days after the Village issues Notice of such request to the Contractor. The Contractor agrees to defend, indemnify and hold harmless the Village, and agrees to pay all reasonable costs connected therewith (including, but not limited to attorney's and witness fees, filing fees and any other expenses) for the Village to defend any and all causes, actions, causes of action, disputes, prosecutions, or conflicts arising from Contractor's actual or alleged violation of FOIA or the Contractor's failure to furnish all documentation related to a FOIA request within five (5) calendar days after Notice from the Village for the same. Furthermore, should the Contractor request that the Village utilize a lawful exemption under FOIA in relation to any FOIA request thereby denying that request, Contractor agrees to pay all costs connected therewith (such as attorneys' and witness fees, filing fees and any other expenses) to defend the denial of the request. This defense shall include, but not be limited to, any challenged or appealed denials of FOIA requests to either the Illinois Attorney General or a court of competent jurisdiction.

C. ILLINOIS WORKERS ON PUBLIC WORKS ACT - To the extent applicable, the Contractor shall comply with the Illinois Workers on Public Works Act, 30 ILCS 570/1 et seq., and shall provide to the Village any supporting documentation necessary to show such compliance.

D. NOT A BLOCKED PERSON - The Contractor affirms and covenants that neither the Contractor nor any individual employed by the Contractor for this Work or under this Contract is a person forbidden from doing business with a unit of local government under Executive Order No. 13224 (Sept 23, 2001), 66 Fed.Reg. 49,079 (Sept 23, 2001) or is a person registered on the Specially Designated Nationals and Blocked Persons List. The Contractor shall indemnify the Village from all costs associated with failure to comply with this paragraph.

E. SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS ACT - The Contractor knows, understands and acknowledges its obligations under the Substance Abuse Prevention on Public Works Act (820 ILCS 265/1 et seq.), and shall comply and require all subcontractors and lower tiered contractors to comply with the requirements and provisions thereof.

F. PREVAILING WAGE ACT - The Village is an Illinois unit of local government, and the Work hereunder is subject to the Illinois Prevailing Wage Act, 820 ILCS 130/0.01, et seq.

Pursuant to PA 100-1177 the Illinois Department of Labor (IDOL) has activated an electronic database (Payroll Portal) capable of accepting and retaining certified payrolls submitted under the State of Illinois Prevailing Wage Act (820 ILCS/130/1). All contractors and subcontractors completing work for the Village of Buffalo Grove pursuant to the Act must submit all certified payroll through the IDOL Payroll Portal.

Consequently, the Contractor and each subcontractor shall submit with their application for payment(s) the email certification received from their IDOL Payroll Portal submittal with each of their pay requests. Any delay in processing the payments due to a lack of aforementioned email certification shall not be an event of default by the Village and shall not excuse any delay by the Contractor who shall proceed with the Work as if no delay in payment has occurred. The Contractor and Village shall agree to take any further steps not outlined above to ensure compliance with the Prevailing Wage Act. Upon two business days' Notice, the Contractor and each subcontractor shall make available to the Village their records to confirm compliance with the Prevailing Wage Act. Finally, to ensure compliance with Prevailing Wage Act, the Contractor and each subcontractor shall keep for a period of not less than 5 years after the Work has been completed records of all laborers, mechanics, and other workers employed by them for the Work; the records shall include each worker's name, address, telephone number, classification or classifications, the hourly wages paid in each period, the number of hours worked each day, the starting and ending times of work each day and, when available, last four digits of the social security number

Current rates can be located on the Illinois Department of Labor website.
https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

ARTICLE XXV – NO WAIVER OF RIGHTS

A waiver by the Village of any Event of Default or any term of provision of this Contract shall not be a waiver of the same Event of Default, another Event of Default or any other term or provision of this Contract.

ARTICLE XXVI – CONTROLLING LAW AND VENUE

This Contract is entered into in the State of Illinois, for work to be performed in the State of Illinois and shall be governed by and construed in accordance with the laws of the State of Illinois. Any legal matters or dispute shall be resolved in the Circuit Court of Cook County and the Parties hereby submit to the jurisdiction of such Circuit Court. This Contract shall be construed without regard to any presumption or other rule requiring construction against the Party causing the Contract to be drafted.

ARTICLE XXVII – MISCELLANEOUS

A. AMENDMENT – This Contract may be amended only in writing executed by both Parties.

B. NO RECORDING – This Contract, or a memorandum thereof, may not be recorded in any form by either Party. If either Party records this Contract, or a memorandum thereof, they shall immediately file a release of the same.

C. SECTION HEADINGS – The headings in the Contract are intended for convenience only and shall not be taken into consideration in any construction or interpretation of the Contract.

D. NO THIRD-PARTY BENEFICIARIES – This Contract does not confer any rights or benefits on any third party.

E. BINDING EFFECT – This Contract shall be binding and inure to the benefit of the Parties hereto, their respective legal representatives, heirs and successors-in-interest.

F. ENTIRE AGREEMENT – This Contract supersedes all prior agreements and understandings and constitutes the entire understanding between the Parties relating to the subject matter hereof.

G. SEVERABILITY - If any term, condition or provision of the Contract is adjudicated invalid or unenforceable, the remainder of the Contract shall not be affected and shall remain in full force and effect, to the fullest extent permitted by law.

H. TORT IMMUNITY DEFENSES - Nothing contained in this Contract is intended to constitute nor shall constitute a waiver of the rights, defenses, and immunities provided or available to the Village under the Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10 *et seq*.

I. CALENDAR DAYS AND TIME. Unless otherwise provided in this Contract, any reference in this Contract to "day" or "days" shall mean calendar days and not business days. If the date for giving of any notice required to be given, or the performance of any obligation, under this Contract falls on a Saturday, Sunday or federal holiday, then the notice or obligation may be given or performed on the next business day after that Saturday, Sunday or federal holiday.

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

J. COUNTERPARTS – This Contract may be executed by the Parties in any number of counterparts, each of which shall be deemed an original, but all of which together shall constitute an original instrument.

IN WITNESS WHEREOF, the Parties hereto have caused the Contract to be executed as of the Effective Date.

Village of Buffalo Grove,
an Illinois home-rule unit of government

By:_____
Name: Dane Bragg
Title: Village Manager

Urban Communications, Inc.

By:_____
Name: Edmund G. Urban, III
Title: President

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

CONTRACT EXHIBIT C- FORM OF PERFORMANCE AND PAYMENT BOND

Bond Number: _____

KNOW ALL MEN BY THESE PRESENTS, That _____ (the "**Principal**") and _____ _____ (the "**Surety**"), are held and firmly bound unto the Village of Buffalo Grove, an Illinois home-rule unit of government (the "**Village**"), the full and just sum of _____Dollars ($_____) in lawful money of the UNITED STATES OF AMERICA as herein provided.

THE CONDITION OF THIS OBLIGATION is such that the Principal and Surety agree to bind themselves, their successors, assigns, executors, heirs and administrators, jointly and severally, for the full and faithful performance of the Work as defined in that particular Public Works Communication Tower between Principal and the Village dated __ day of _____, 20__, (hereinafter referred to as the "**Contract**"), a copy of which is attached and incorporated by reference as though fully set forth herein.

NOW THE CONDITIONS OF THIS OBLIGATION ARE SUCH that if the said Principal (**i**) shall in all respects keep and perform all the undertakings, covenants, terms, conditions and agreements of the Contract; (**ii**) shall pay all sums of money due or to become due, for any labor, materials, apparatus, fixtures or equipment furnished for the Work provided in said Contract; and (**iii**) shall remove and replace any defects in workmanship or materials which may be apparent or may develop within the ARTICLE XIX – WARRANTY PERIOD of the Contract, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

And the said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or the Work thereunder shall in any way affect its obligation on this Bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the Work.

IN WITNESS WHEREOF, we have hereunto set our hands and sea ___ day of _____, 20__.

SURETY	**PRINCIPAL**
By: _____	**By:** _____
Name: _____	**Name:** _____
Title: _____	**Title:** _____
ATTEST	**ATTEST**
By: _____	**By:** _____

NOTE: Date of Bond must not be prior to date of Contract.
If Contractor is Partnership, all partners should execute Bond.
IMPORTANT: Surety companies executing Bonds must appear on the Treasury Departments most current list (Circular 570 as amended) and be authorized to transact business in the state where the Work is located.

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

CONTRACT EXHIBIT D- PARTIAL WAIVER

PARTIAL LIEN WAIVER

STATE OF ILLINOIS

COUNTY OF _____

TO WHOM IT MAY CONCERN:
WHEREAS the undersigned has been employed by _____
to furnish _____
for the premises known as _____
of which _____ is the owner.
THE undersigned, for and in consideration of _____
($_____
_____
) Dollars, and other good and valuable considerations, the receipt whereof is hereby acknowledged, do(es) hereby waive and release any and all lien or claim of, or right to, lien, under the statutes of the State of Illinois, relating to mechanics' liens, with respect to and on said above-described premises, and the improvements thereon, and on the material, fixtures, apparatus or machinery furnished, and on the moneys, funds or other considerations due or to become due from the owner, on account of all labor, services, material, fixtures, apparatus or machinery, furnished to this date by the undersigned for the above-described premises, INCLUDING EXTRAS.*
DATE _____ COMPANY NAME _____
ADDRESS _____
SIGNATURE AND TITLE _____

*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT

CONTRACTOR'S AFFIDAVIT

STATE OF ILLINOIS

COUNTY OF _____

TO WHOM IT MAY CONCERN:
THE UNDERSIGNED, (NAME) _____ BEING DULY SWORN, DEPOSES AND SAYS THAT HE OR SHE IS (POSITION) _____ OF (COMPANY NAME) _____ WHO IS THE CONTRACTOR FURNISHING _____ WORK ON THE BUILDING LOCATED AT _____
OWNED BY _____
That the total amount of the contract including extras* is $ _____ on which he or she has received payment of $ _____ prior to this payment. That all waivers are true, correct and genuine and delivered unconditionally and that there is no claim either legal or equitable to defeat the validity of said waivers. That the following are the names and addresses of all parties who have furnished or delivered material or labor, or both, for said work and all parties having contracts or sub contracts for specific portions of said work or for material entering into the construction thereof and the amount due or to become due to each, and that the items mentioned include all labor and material required to complete said work according to plans and specifications:

NAMES AND ADDRESSES	WHAT FOR	CONTRACT PRICE INCLDG EXTRAS*	AMOUNT PAID	THIS PAYMENT	BALANCE DUE
TOTAL LABOR AND MATERIAL INCLUDING EXTRAS* TO COMPLETE.					

That there are no other contracts for said work outstanding, and that there is nothing due or to become due to any person for material, labor or other work of any kind done or to be done upon or in connection with said work other than above stated.

DATE _____ SIGNATURE: _____

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____, _____

*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT.

_____
NOTARY PUBLIC

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

CONTRACT EXHIBIT E- FINAL WAIVER

FINAL WAIVER OF LIEN

STATE OF ILLINOIS

COUNTY OF _____

TO WHOM IT MAY CONCERN:
WHEREAS the undersigned has been employed by _____
to furnish _____
for the premises known as _____
of which _____ is the owner.

THE undersigned, for and in consideration of _____
($_____) Dollars, and other good and valuable considerations, the receipt whereof is hereby acknowledged, do(es) hereby waive and release any and all lien or claim of, or right to, lien, under the statutes of the State of Illinois, relating to mechanics' liens, with respect to and on said above-described premises, and the improvements thereon, and on the material, fixtures, apparatus or machinery furnished, and on the moneys, funds or other considerations due or to become due from the owner, on account of all labor, services, material, fixtures, apparatus or machinery, heretofore furnished, or which may be furnished at any time hereafter, by the undersigned for the above-described premises, INCLUDING EXTRAS.*

DATE _____ COMPANY NAME _____
ADDRESS _____
SIGNATURE AND TITLE _____

*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT

CONTRACTOR'S AFFIDAVIT

STATE OF ILLINOIS

COUNTY OF _____

TO WHOM IT MAY CONCERN:

THE UNDERSIGNED, (NAME) _____ BEING DULY SWORN, DEPOSES AND SAYS THAT HE OR SHE IS (POSITION) _____ OF (COMPANY NAME) _____ WHO IS THE CONTRACTOR FURNISHING _____ WORK ON THE BUILDING LOCATED AT _____
OWNED BY _____
That the total amount of the contract including extras* is $ _____ on which he or she has received payment of $ _____ prior to this payment. That all waivers are true, correct and genuine and delivered unconditionally and that there is no claim either legal or equitable to defeat the validity of said waivers. That the following are the names and addresses of all parties who have furnished or delivered material or labor, or both, for said work and all parties having contracts or sub contracts for specific portions of said work or for material entering into the construction thereof and the amount due or to become due to each, and that the items mentioned include all labor and material required to complete said work according to plans and specifications:

NAMES AND ADDRESSES	WHAT FOR	CONTRACT PRICE INCLDG	AMOUNT PAID	THIS PAYMENT	BALANCE DUE
TOTAL LABOR AND MATERIAL INCLUDING EXTRAS*					

That there are no other contracts for said work outstanding, and that there is nothing due or to become due to any person for material, labor or other work of any kind done or to be done upon or in connection with said work other than above stated.

DATE _____ SIGNATURE: _____

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____, _____

*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT.

_____
NOTARY PUBLIC

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

CONTRACT EXHIBIT A- DESCRIPTION OF THE WORK
&
CONTRACT EXHIBIT B- SCHEDULE OF PRICES

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

urbancom.net

Urban Communications, Inc.
5320 West 159th Street Suite 503
Oak Forest, IL 60452-3335
Phone: 708/687-2090
Fax: 708/687-8786
http://www.urbancom.net

Service Agreement - Service Order

Service Activation Date: 05/01/2024
Service Term: None

Customer Name:	Village of Buffalo Grove (PW 120ft Tower)		
Install Address:	1650 Leider Lane	**Billing Address:**	1650 Leider Lane
	Buffalo Grove, IL 60089		Buffalo Grove, IL 60089
Phone & Fax:	847-459-2545	**Billing Contact:**	Brett Robinson
Tech Contact:	Brett Robinson	**Phone & Fax:**	847-459-2545
Tech E-Mail:		**Billing E-Mail:**	

Urban Communications, Inc. Access Service:

Qty.	Service	Monthly Price	Extended Price

Equipment and Additional Services:

Qty.	Service	Price	Extended	Tax
1	Two Point to Point 1Gbps Dragonwave Radio Links Per quote attached as Ex1	$ 65,618.00	$ 65,618.00	$ 0.00
1	120 Ft Tower/ Foundation and Erect	$ 92,884.62	$ 92,884.62	$ 0.00

Urbancom to construct 120' Communications tower at 1650 Leider Lane Buffalo Grove, IL 60069

ALL LABOR PREVAILING WAGE.

Quote Includes:
Tower Steel
Anchor Bolts
Foundation material
4" PVC from tower to building for cables
Freight for Tower and Bolts
Foundation Labor
Tower erection labor
Tower grounding
Crane
Onsite PE for soil load bearing test at construction
Concrete testing
Construction Management
(All Construction Labor at Prevailing Wage)

Construction of a communications tower requires that the site undergo a NEPA

This Service Order is for necessary material to construct the 120' tower proposed in the attached design and loading calculations. Placement of antennas, radios, cable, conduit to any adjacent buildings will be quoted when the scope of those needs is determined.

We will construct the structure which will be supervised by a licensed Illinois Professional Engineer who will verify the appropriate loading of the soil. He will also obtain concrete samples at the time of the pour and obtain concrete testing results to be sure concrete has been properly cured.

Once the foundation concrete has properly cured the tower structure will be lifted into place.

Local permit fees are considered waived by the municipality. Excavation cost is subject to no rock or obstructions in the dig area. Construction may not commence until the NEPA process has been completed, typically 90 days.

Two 1Gbps/1Gbps Licensed Dragownwave links from new PW tower to VH and Station 26. Specs per Quote as Exhibit 1.

Access Services	$ 0.00	Additional Services	$ 158,502.62	Total Initial Charge Due At Signing	$ 158,502.62

MONTHLY CHARGE $ 0.00 BILLING CYCLE: [X] MONTHLY [] QUARTERLY [] ANNUAL

All prices subject to required local, state and federal taxes and mandated fees.

CUSTOMER

I have read and agree to the terms of the attached Master Services Agreement. I have legal authority to enter into this Agreement, and guarantee payment for all amounts due under this Agreement and subsequent Service Orders that may be entered into.

Signature: _____

URBAN COMMUNICATIONS, INC.

Signature: _____

Printed Name: Edmund G. Urban III
Title: President

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

Printed Name: _____ Date: _____

Date: _____

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

DRAGONWAVE QUOTE DETAIL EXHIBIT 1

urbancom.net

Urban Communications, Inc.
5320 West 159th Street Suite 503
Oak Forest, IL 60452-3335
Phone: 708/687-2090
Fax: 708/687-8786
http://www.urbancom.net

Service Agreement - Service Order

Service Activation Date: 05/01/2024
Service Term: None

Customer Name:	Village of Buffalo Grove - Public Works Dragonwave		
Install Address:	50 Raupp Blvd.	**Billing Address:**	50 Raupp Blvd.
	Buffalo Grove, IL 60089		Buffalo Grove, IL 60089
Phone & Fax:	847-459-2545	**Billing Contact:**	Brett Robinson
Tech Contact:	Brett Robinson	**Phone & Fax:**	847-459-2545
Tech E-Mail:		**Billing E-Mail:**	

Urban Communications, Inc. Access Service:

Qty.	Service	Monthly Price	Extended Price

Equipment and Additional Services:

Qty.	Service	Price	Extended	Tax
2	DW Harmony 1Gbps Licensed 23Ghz link with dishes	$ 12,500.00	$ 25,000.00	$ 0.00
2	Installation Labor (Prevailing Wage)	$ 10,500.00	$ 21,000.00	$ 0.00
1	Shipping	$ 800.00	$ 800.00	$ 0.00
2	Cable, connectors misc.	$ 1,500.00	$ 3,000.00	$ 0.00
2	DW Installation Hardware PS, lightening arrestor, grounding etc.	$ 2,559.00	$ 5,118.00	$ 0.00
4	5 year Harmony Enhanced MC Global Advanced Replacement	$ 1,875.00	$ 7,500.00	$ 0.00
2	System Design, Setup, and Testing	$ 1,050.00	$ 2,100.00	$ 0.00
2	Prepare FCC Application, PCN Letter, & Frequency Coordination	$ 550.00	$ 1,100.00	$ 0.00

This quote covers the installation and new Dragonwave radios to create a 1 Gbps microwave ring at the new Public Works Building.

The New public works building will be connected via Dragonwave to Fire Station 26 and Village Hall.

- This quote includes a 2 new Dragonwave Point to Point Links from Public Works to Station 26 and VH from Public Works

All labor is Prevailing Wage.

Access Services	$ 0.00	Additional Services	$ 65,618.00	Total Initial Charge Due At Signing	$ 65,618.00

MONTHLY CHARGE $ 0.00 BILLING CYCLE: [X] MONTHLY [] QUARTERLY [] ANNUAL

All prices subject to required local, state and federal taxes and mandated fees.

CUSTOMER

I have read and agree to the terms of the attached Master Services Agreement. I have legal authority to enter into this Agreement, and guarantee payment for all amounts due under this Agreement and subsequent Service Orders that may be entered into.

Signature: _____

Printed Name: _____

Date: _____

URBAN COMMUNICATIONS, INC.

Signature: _____

Printed Name: Edmund G. Urban III
Title: President

Date: _____

Attachment: Public Works Communication Tower Contract (O-2024-18 : Communications Tower at 1650 Leider Lane)

Ordinance No. O-2024-19 : Award of Bid Tree Planting

Recommendation of Action

Staff recommends approval.

Staff recommends that the Village Board authorize the Village Manager to execute a contract with Yellowstone Landscape Inc., for Tree Planting Services in an amount not to exceed $113,125.00 pending final review and approval of the contract by the Village Attorney

ATTACHMENTS:

- Tree Planting Memo 2024 (DOCX)
- Tree Planting 2024 Ordinance (DOCX)
- Bidtab 2024 (PDF)

Trustee Liaison
Bocek

Staff Contact
Tom C. Wisniewski, Village Board

Monday, February 5, 2024	

VILLAGE OF
BUFFALO GROVE

MEMORANDUM

DATE: February 1, 2024

TO: Dane Bragg, Village Manager

FROM: Tom Wisniewski, Purchasing Manager

SUBJECT: Tree Planting 2024

Recommendation

Staff recommends that the Village Board authorize the Village Manager to execute a contract with Yellowstone Landscape Inc., for Tree Planting Services in an amount not to exceed $113,125.00 pending final review and approval of the contract by the Village Attorney.

Background

Staff led a bid for Tree Planting services and bids were opened on January 31st, 2024. Bids were received from the following companies: Christy Webber & Company, Langton Group, Northern AV Group, and Yellowstone Landscape. A copy of the bid tab is attached for reference.

Yellowstone Landscape is the lowest responsive and responsible bidder. The lowest bidder, Yellowstone Landscape, has performed this type of work for the Village in the past and staff was satisfied with their performance on that project.

The proposed contract would be for a spring planting of 285 various trees with an option to water the trees, if requested by staff. This contract also has an option for the Village to extend the term by one year with unit costs not to increase more than 3% or the CPI-U whichever is less.

The total cost for this contract is $113,125.00. Adjustments to the contract cost in excess of $10,000 must be brought back before the Village Board for approval.

ORDINANCE 2024-____

AN ORDINANCE AUTHORIZING EXECUTION OF A CONTRACT WITH YELLOWSTONE LANDSCAPE INC., FOR TREE PLANTING SERVICES

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Village sought out companies qualified to provide the requested services and materials; and

WHEREAS, the Village engaged in a competitive procurement process to obtain the best value for money.

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows**:**

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Village Manager is authorized to execute a contract with Yellowstone Landscape Inc., at a price not to exceed $113,125.00 for the first year of the contract pending review and approval by the Village Attorney.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and not be codified.

AYES: _____
NAYES: _____
ABSENT: _____
PASSED: _____, 2024
APPROVED: _____, 2024

APPROVED:

_____
Eric N. Smith, Village President

ATTEST:

_____
Janet Sirabian, Village Clerk

Village of Buffalo Grove
Public Works Department

2024 Tree Planting

Tabulation

Bid Opening: January 31 , 2024

	Christy Webber & Company 2900 W. Ferdinand Chicago IL 60612	Langton Group 4510 Dean St. Woodstaock IL 60098	Northern AV Group 5920 Pagles Rd Harvard IL 60033	Yellowstone Landscape 610 W. Liberty St. Wauconda IL 60084
Bid Bond:	Yes	Yes	Yes	Yes
Signed Proposal Form:	Yes	Yes	Yes	Yes
Signed Public Contract Statements:	Yes	Yes	Yes	Yes
Contract Modifications Requested	No	No	No	No
Base Bid	$219,715.00	$123,080.25	$158,500.00	$98,585.00
Alternate A	$18,015.00	$9,900.95	No bid	$8,635.00
Alternate B	$11,900.00	$6,831.55	No bid	$5,905.00
Optional Watering per Tree	$30.00	$45.00	$25.00	$10.50
TOTAL COST	**$ 249,630.00**	**$ 139,812.75**	**$ 158,500.00**	**$ 113,125.00**

Information Item : Executive Session- Section 2(C)(2) of the Illinois Open Meetings Act: Collective Negotiating Matters Between the Public Body and Its Employees or Their Representatives, or Deliberations Concerning Salary Schedules for One or More Classes of Employees.

Recommendation of Action

N/A

Executive Session- Section 2(C)(2) of the Illinois Open Meetings Act: Collective negotiating matters between the public body and its employees or their representatives, or deliberations concerning salary schedules for one or more classes of employees.

Trustee Liaison
Smith

Staff Contact
Dane Bragg, Office of the Village Manager

Monday, February 5, 2024	