



AGENDA

CONSERVANCY SCENIC COORIDOR COMMITTEE

Wednesday, June 15, 2022 at 7:00 P.M.

Village Hall, 3110 RFD, Old McHenry Road, Long Grove, Illinois

I. CALL TO ORDER

II. VISITORS BUSINESS

III. MEETING MINUTES

- a. Approval of the April 7, 2021 Meeting Minutes

IV. OLD APPLICATIONS

- a. None

V. NEW APPLICATIONS

- a. CSCC 22-01; Consideration of a request to relocate the stormwater storage basin from near the residence into the conservancy district located on the property at 6881 September Boulevard submitted by Terry Barnett on behalf of Mr. Alex Dekhtyar the homeowner.

VI. OTHER BUSINESS

- a. Review Conservancy – Scenic Corridor – Approved Native plant List

VII. ADJOURNMENT

UPCOMING MEETING - Next Regularly Scheduled Meeting: August 3, 2022 @ 7:00 PM

The Village of Long Grove is subject to the requirements of the Americans with Disabilities Act of 1990 Individuals with disabilities who plan to attend this meeting and who require certain accommodations in order to allow them to observe and/or participate in this meeting, or who have questions regarding the accessibility of the meeting or the facilities, are requested to phone the Long Grove Village Manager at 847-634-9440 or TDD 847-634- 9650 promptly to allow the Village of Long Grove to make reasonable accommodations for those persons.

Meeting Minutes

CONSERVANCY & SCENIC CORRIDOR COMMITTEE
MINUTES OF THE REGULAR MEETING
HELD REMOTELY VIA ZOOM
April 7, 2021

CALL TO ORDER: Meeting called to order at 7:02 p.m.

Members present: Kelley Smith Chairman, Jeanette Burger, Maggie McCCasey, Rob Seitz and Adam Faust.

Members absent; None

Also present: Jim Hogue, Village Planner and Members of the public.

VISITOR BUSINESS:

There was no visitor business.

MEETING MINUTES – March 3, 2021

Minor typographical errors were noted in the March 3rd draft meeting minutes. Commissioner Seitz made a motion, seconded by Commissioner Burger to accept the March 3, 2021 draft meeting minutes as corrected. On a roll call vote all aye.

OLD APPLICATIONS: NONE

NEW APPLICATIONS: NONE

OTHER BUSINESS:

- 1) Discussion of maintenance and management practices in the Conservancy and Scenic Corridor Easements of the Cobblestone PUD/Subdivision with HOA President Mr. Michael Kiefer.

Planner Hogue explained Mr. Kiefer was present at the 3.9 Village Board meeting as an HOA President (recorded and available on the village web page for that meeting date) and inquired about maintenance options for the common conservancy and scenic corridor in the Cobblestone Subdivision.

Chairman Smith noted he visited the subdivision and found substantial open space within the development. He indicated he had seen phragmites and buckthorn but very little teasel in the open space areas of the development. A diligent annual maintenance program would likely be necessary to eradicate these (and other) invasive species.

Mr. Kiefer explained that the HOA was spending large sums of money on the maintenance and upkeep of their conservancy and scenic corridor easements. He noted for the dollars spent there was not a lot of improvement in the reduction of invasive species and restoration of the native species originally installed in the development. He was seeking direction at the Village Board meeting and was directed to discuss this matter with the CSCC.

He noted Cobblestone is small subdivision (32 homes) and HOA dues increased to \$1,500 per home with an emphasis on a more aggressive stance toward the restoration of the natural areas (although this was recently deferred due to the more urgent need to pave roads). Residents continually ask when will the native species return

Mr. Michael Starkowitz, Cobblestone HOA member and resident, spoke on the matter. He noted he was a long-time resident of the area and retired developer. The “model” for conservancy areas is 40+ years old and outdated. It does not consider and not did it take into consideration invasive species now present, nor the proliferation of wildlife now in the area. Both of which have damaged the natural areas in the development and village at large.

He noted the subdivision sprays hundreds of gallons of glyphosate (“Roundup”) into the natural areas which may have environmental consequences. Burning, another maintenance option, also has issues releasing smoke and particulate matter into the atmosphere.

He suggested that perhaps it is time for the village to consider a “new model” for conservancies and scenic corridors. Specifically, a different type of plat mix was suggested, one which is resistant to invasive species and requires less maintenance. He further suggested the village contract with a landscape professional with expertise in natural areas and plantings to re-evaluate conservancy plantings village wide.

The CSCC disagreed noting the existing “model” was still viable and supported the native species found in the village and Lake County as a whole. Additionally, such plantings contribute to the biodiversity of the area as well as providing habitat for animal and insect species found in the area.

The CSCC noted there was no easy fix for the maintenance and restoration of natural areas. While spraying and burning are two methods for maintenance and restoration of such areas, they are not the only maintenance alternatives available. It was noted that while labor intensive, at certain times of the year the physical removal of undesirable species is an excellent environmentally responsible method of maintain natural areas. Certain maintenance techniques work better at certain times of the year.

The suggested the HOA consider the creation of a maintenance plan (perhaps with the input of their landscape maintenance service or other landscape professional) which identifies various maintenance techniques and strategies (i.e., timing/scheduling of the maintenance options). Such a plan could serve to maximize the efficiency of various maintenance techniques by scheduling their implementation at optimum times of the year. This would allow various techniques and strategies for maintenance and restoration of the natural areas to be most effective on specific “undesirable” plant species. The CSCC reiterated that there was no “easy fix” for the restoration and maintenance of these areas. Implementation of a long term and on-going maintenance plan is the best option of maintaining the health of these areas.

2) Route 22 Landscape Plan – Update

Planner Hogue reported the comments of the CSCC were forwarded to Mr. Dan Dalziel of 3D Design. Mr. Dalziel is creator of the Rt.22 landscape plan. He created a response to the questions and concern noted by the CSCC. This response is being forwarded to IDOT.

Included in the meeting packet was the response regarding those questions & concerns, as well as those raised by IDOT. These were attached for CSCC to consider and note any further comments or concerns.

The CSCC was satisfied their concerns had been adequately identified and address in the response. No further comments of concerns were noted.

3) Welcome New Member – Adam Faust

Chairman Smith recognized Mr. Faust and welcomed him as the newest member of the CSCC.

Planner Hogue noted that Commissioner DalCompo had resigned, and Mr. Faust responded to the notice of

vacancy published by the village to fill that vacancy.

Mr. Faust noted that he was interested in giving back to the community and saw this as an opportunity to do so. He is very excited to be a member of the CSCC.

ADJOURNMENT OF MEETING; Commissioner Burger moved to adjourn, seconded by Commissioner McCassey. On a roll call vote, all ayes. Meeting adjourned at 8:31 P.M.

Respectfully submitted,

James M. Hogue

James M. Hogue, Village Planner

New Applications



CONSERVANCY AND SCENIC CORRIDOR COMMITTEE STAFF REPORT

TO: Jeanette Burger, Chair
Conservancy Scenic Corridor Committee Members

FROM: Jessica Marvin, Community Development Services *Jessica Marvin*

SUBJECT: Flood Overflow and Movement of Flood Water – 6881 September Boulevard

PUBLIC MEETING DATE: June 15, 2022

ATTACHMENTS:

- 1) CSCC Application
- 2) Location Map
- 3) Conservancy Districts, Easements, and Protected Areas Code
- 4) List of Native Plants

PETITIONER Terry Barnett on behalf of
Mr. Alex Dekhtyar (homeowner)
6881 September Boulevard
Long Grove, IL 60047

REQUEST

Review of the proposed new location for the stormwater storage basin at 6881 September Boulevard.

HISTORY

Retired Planner Jim Hogue provided comments from the CSCC to the applicant on December 22, 2020. Below are the recommendations:

- The plans/plantings submitted appear to be inadequate for the entire conservancy easement; a restoration plan, identify the type of plant species and their location in the entire conservancy easement should be submitted for consideration.
- There was a general concern the plant species proposed (3 varieties of Black-Eyed Susan) were not chosen well.
- A wider variety of native species would help reduced weeds and invasive species in the conservancy easement and enhance its visibility.
- Consider a wider variety of native flowering species which will bloom at different times and be aesthetically pleasing during the entire growing season.
- Certain plant varieties suggested for the restoration plan are not suitable for wet areas.

- Consider “rain garden plants” for the wet areas (see Lake County Stormwater Guidelines for rain garden plantings).

PROPOSED PROJECT

The proposed project from McGinty Bros., Inc. includes:

- Applying herbicide to eliminate existing turf grass within the Corridor Easement;
- Removal of existing turf grass after herbicide application;
- Soil preparation for seeding;
- Seeding of low profile prairie grass and forb seed mix;
- Biodegradable erosion control blanket over seeded area;
- High mowing of native seeding to eliminate annual/biennial weed species;
- Selective herbicide application to eliminate perennial weed species;
- Follow-up selective herbicide application.

The Village Engineer, Geoff Perry, has reviewed the proposed plans and approved them with conditions on March 24, 2022. Below are the conditions of the approval:

- Track-out is not allowed on September Boulevard at any time. Any track-out must be removed immediately.
- All disturbed areas shall be stabilized with either topsoil, seed, and erosion control blanket (properly secured) and/or topsoil and sod. The site needs to be fully restored within 7 days of completion of construction, and a full stand of grass should be established within 28 days from sod/seed placement.
 - Note: All restoration in the Conservancy Easement must meet the requirements and be approved by the Village’s Conservancy and Scenic Corridor Committee.
- Any pavement damage is to be repaired by the contractor to the satisfaction of the Homeowner’s Association.
- Engineer’s review did not include tree impact, landscaping, architectural or structural design.

CONSERVANCY AND SCENIC CORRIDOR COMMITTEE RECOMMENDATION

The CSCC should review the plans to relocate the stormwater storage basin into the conservancy district and the appropriateness for the new proposed stormwater storage basin location.

STAFF RECOMMENDATION

The property is located at 6881 September Boulevard and within in the R-2 zoning district. Staff recommends approval to relocate the stormwater storage basin on the property located at 6881 September Boulevard subject to a satisfactory landscaping plan that includes a variety of shrubs, trees, and grasses.

JNM/AMO/JLM

Village of Long Grove
Conservancy/Scenic Corridor Application

(See back page for instructions and additional information.)

Applicant Name: Aleksandr Dekhtyar Date: 5/20/22
Applicant Address: 6881 September Blvd
Subdivision: Lake Eleanora Estates
Phone: (224) 805-6085 E-mail: DKHTYR@YAHOO.COM

Area (or areas) where work is to be performed:

- Lowland Conservancy District
- Upland Conservancy District
- Wooded Conservancy District
- Scenic Corridor
- Other (_____)

Description of work to be performed (Check all that apply):

- Remove unwanted materials. Specify: _____
- Add prairie grass and wildflowers. Specify by Latin name.: _____
- Add trees and shrubs. Specify by Latin name.: _____
- Other. Specify: regrade yard for drainage

Professional assistance (If any) provided by:

Name of Firm: BARNETT Consulting, LLC
Address: 4 Sunk'fer Ln, Hawthorn Woods, IL Phone: (847) 525-6230
Contact: Terry Barnett
TBARNETT@GlenbrookExcavating.com

Administrative Information (To be completed by Long Grove Village Officials):

Application Submitted by: Aleksandr Dekhtyar Application # CSCC 2022-001
Date of Application Filing: 05/20/22
Application Fee Paid: Yes No Date: 05/20/22 - CK # 1014
Conservancy Verified by: _____ Date: _____
Date Forwarded to Committee: _____
Committee Recommendation: Approve Disapprove Date: _____
Date Forwarded to Board: _____
Board Decision: Approve Disapprove Date: _____
Date Notification Letter Sent to Applicant: _____

Village of Long Grove
Conservancy/Scenic Corridor Application
(Continued)

Instructions:

1. The following items must be submitted to the Village Office with this Application:
 - a. **The Application Fee (\$30.00)**
 - b. **Six (6) copies of the Plat of Survey and Project Plans**
 - c. **Six (6) copies of any lists or other attachments to the Application**
2. Work shall not be commenced until approval has been received from the Village.
3. **Grasses, flowers, trees, shrubs, and other materials to be used in the project must be selected from approved lists** available from the Conservancy and Scenic Corridor Committee (CSC) or the Village Offices. Note that the Latin names of trees, plants, and other materials must be shown on the lists, drawings and attachments submitted with the Application.
4. If work is to be performed in common areas of a subdivision, the Application must be submitted by the person(s) with responsibility for those areas.
5. Property owners are advised to inform neighbors of the work to be performed in private areas that abut or are near the property of others.
6. Members of the CSC or the Village Office are available to answer questions or provide assistance in the completion of the Application.

Application Process:

1. Completed Applications are forwarded to the CSC Committee by the Village Office. One or more members of the Committee will contact the Applicant or his/her contact within a few days following receipt of the Application and arrangements will be made to visit the property and discuss the work to be performed.
2. The Application will then be discussed in the Committee and a recommendation of approval or disapproval will be forwarded to the Village Board where action will be taken. The Applicant will be notified of approval or disapproval following the vote of the Board. Applicants are not required to attend the meetings of either the Committee or the Board; but, are welcome to do so if they wish.
3. Although the Committee and the Village Board will make every effort to expedite the application process, approval may take several weeks. The actual time needed for consideration will depend upon the timing of the Application and may be delayed if there are unusual circumstances involved in the project. Questions regarding the schedule of Committee and Board meetings should be addressed to the Village Office or any CSC Member.

I understand that as a Conservancy/Scenic Corridor Applicant, I shall be responsible for all professional fees incurred by the Village in connection with said request, including, but not limited to, engineering fees, attorney fees and planning fees. By signing this application, I agree to be liable for such costs, and agree to the filing and foreclosure of a lien against the Subject Property for all such costs plus all expenses relating to collection, if such costs are not paid within 30 days after mailing of a demand for payment. Furthermore, this application shall not be forward to the Village Board until the Village Manager verifies that the above described fees have been paid in full.

Name of applicant Burnett

Signature of applicant [Signature]

Record of CSC Activity (To be completed by the CSC):

Date Received: _____

Application Assigned to: Primary: _____

Secondary: _____

Record of Contacts with Applicant and Others: _____

CSC Recommendation: Approve Disapprove Date: _____



STORMWATER MANAGEMENT COMMISSION

TYPICAL CONSTRUCTION SEQUENCING

- 1.) Installation of soil erosion and sediment control SE/SC measures
a.) Selective vegetation removal for silt fence installation
b.) Silt fence installation
c.) Construction fencing around areas not to be disturbed
d.) Stabilized construction entrance
2.) Tree removal where necessary (clear & grub)
3.) Construct sediment trapping devices (sediment traps, basins...)
4.) Construct detention facilities and outlet control structure with restrictor & temporary perforated riser
5.) Strip topsoil, stockpile topsoil and grade site
6.) Temporarily stabilize topsoil stockpiles (seed and silt fence around toe of slope)
7.) Install storm sewer, sanitary sewer, water and associated inlet & outlet protection
8.) Permanently stabilize detention basins with seed and erosion control blanket
9.) Temporarily stabilize all areas including lots that have reached temporary grade
10.) Install roadways
11.) Permanently stabilize all outlot areas
12.) Install structures and grade individual lots
13.) Permanently stabilize lots
14.) Remove all temporary SE/SC measures after the site is stabilized with vegetation
* Soil erosion and sediment control maintenance must occur every two weeks and after every 1/2 or greater rainfall event

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 (ECI), 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 MEASURES AS 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 ACHIEVED 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.

DESIGN: LONG GROVE
DATE RECEIVED: 2/28/22
DATE DISCHARGED: 3/24/22
BY: Ken Meek
ACCEPTED WITHOUT CORRECTIONS *See Conditions
REVISE AS PER COMMENTS ON REVIEW SET
REVISE PER REVIEW LETTER OF

CORRECTIONS OR COMMENTS ARE ONLY FOR CONFORMANCE WITH VILLAGE ORDINANCES AND DESIGN POLICY. THIS REVIEW DOES NOT RELIEVE THE DESIGNER FROM RESPONSIBILITY FOR FOLLOWING SOUND DESIGN PRINCIPLES OR FROM RESPONSIBILITY FOR ACCURATE DIMENSIONS OR NOTES. FUTURE PLAN REVISIONS MAY BE REQUIRED PRIOR TO THE FINAL ACCEPTANCE OF THE COMPLETED PROJECT IF THEY ARE WARRANTED IN THE JUDGMENT OF THE VILLAGE ENGINEER.

LEGAL DESCRIPTION:

PARCEL 1: LOT 4 IN LAKE ELEANORA ESTATE'S, BEING A SUBDIVISION OF PART OF THE NORTHWEST QUARTER OF SECTION 1, TOWNSHIP 43 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN AND PART OF THE SOUTHWEST QUARTER OF SECTION 36, TOWNSHIP 44 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED DECEMBER 19, 1988 AS DOCUMENT 2750338, IN LAKE COUNTY, ILLINOIS.

PARCEL 2: EASEMENT FOR INGRESS AND EGRESS FOR THE BENEFIT OF PARCEL 1 OVER AND UPON SEPTEMBER BOULEVARD AND ELLIS AVENUE AS MORE FULLY DELINEATED ON THE PLAT OF LAKE ELEANORA ESTATES RECORDED AS DOCUMENT 2750338.

COMMONLY KNOWN AS: 6881 SEPTEMBER BOULEVARD, LONG GROVE, ILLINOIS.

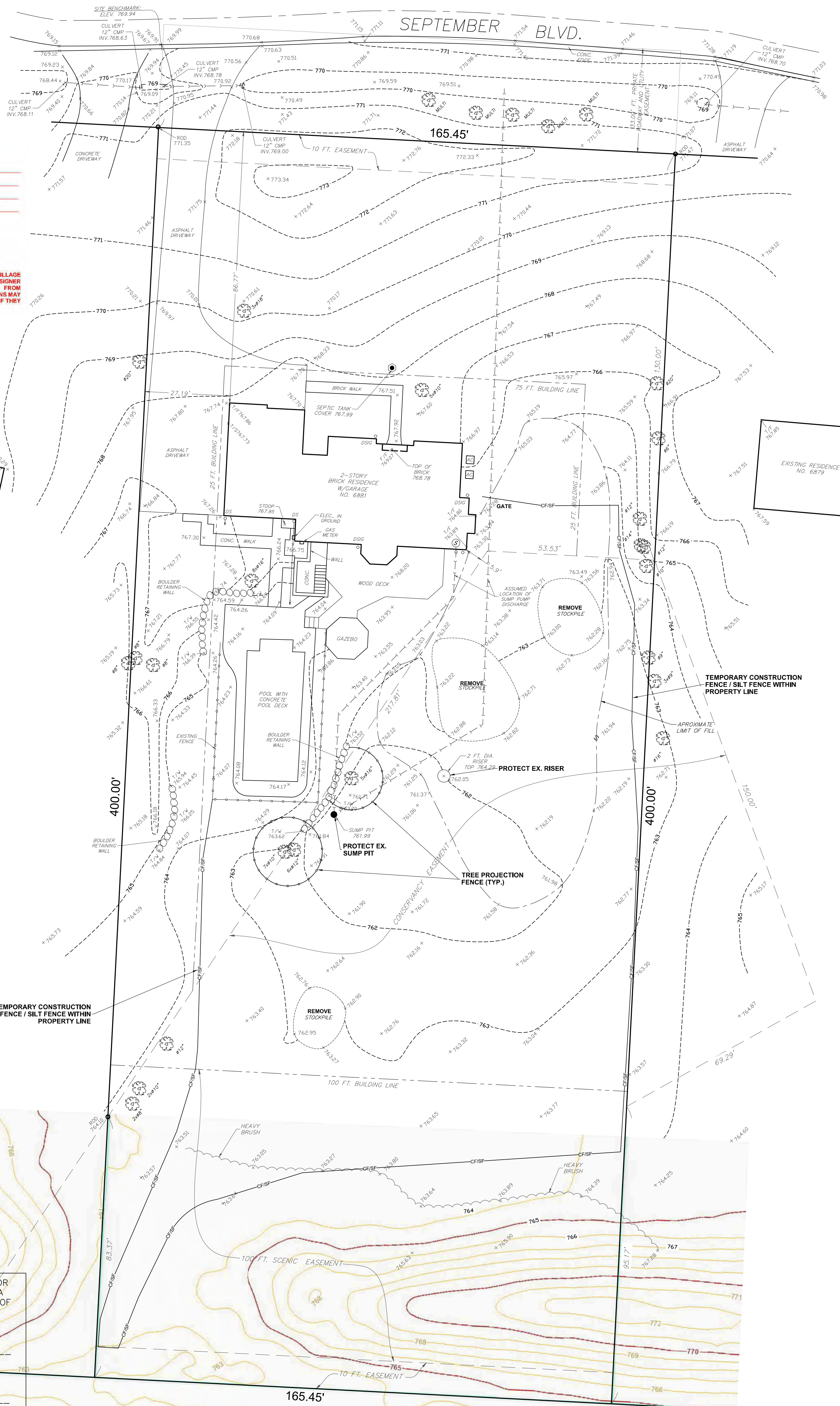
LOCATION OF UNDERGROUND UTILITIES WHERE NOT SUBSTANTIATED BY PHYSICAL EVIDENCE ARE TAKEN FROM RECORDS NORMALLY CONSIDERED RELIABLE. NO RESPONSIBILITY FOR THEIR ACCURACY IS ASSUMED BY THE SURVEYOR.

FOR LOCATION OF BURIED CABLE CALL J.U.L.I.E. @ 1-800-892-0123 BEFORE DIGGING

LOCATIONS OF EXISTING UTILITY SERVICES ARE BASED ON VISUAL OBSERVATIONS. CONTRACTOR MUST CONFIRM LOCATION AND CONDITION OF ALL UTILITY SERVICES TO REMAIN.

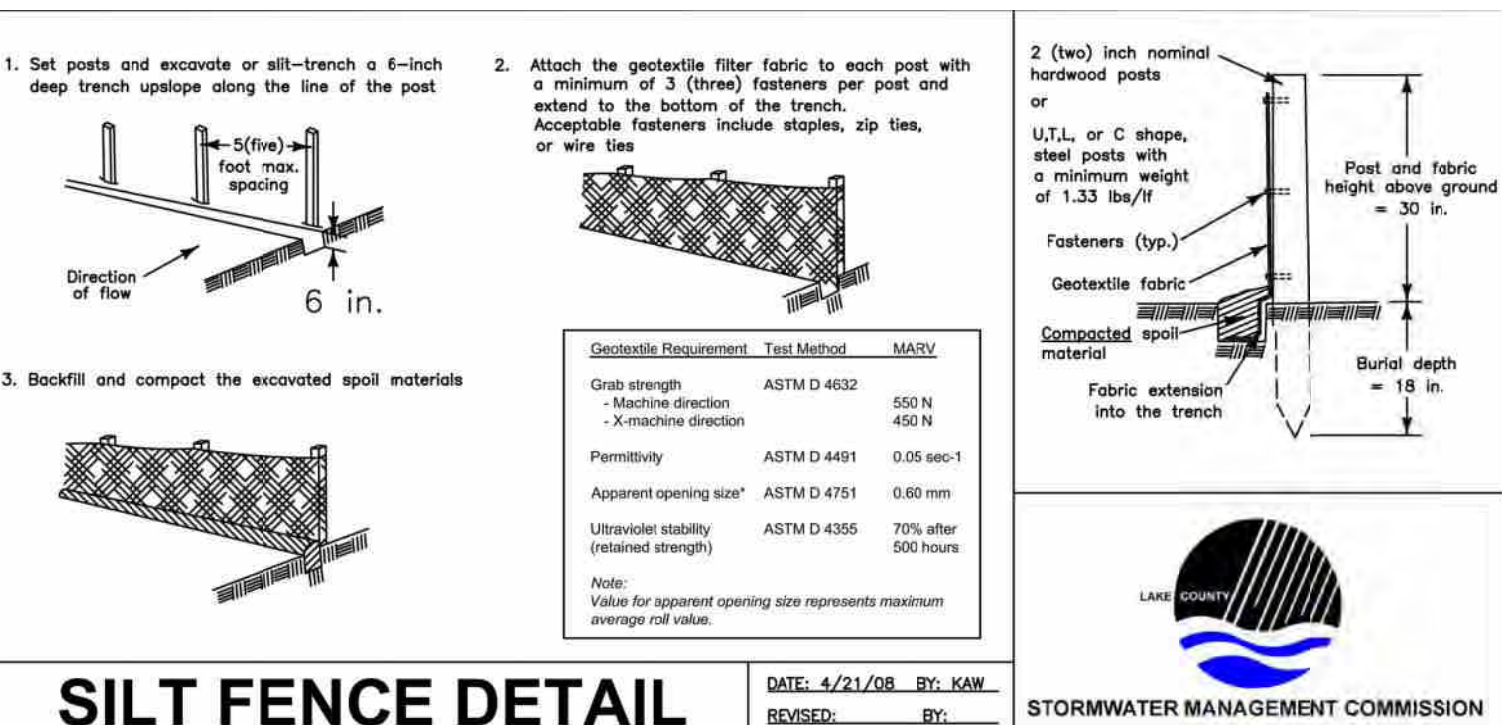
SITE BENCHMARK IS CUT CROSS ON NORTHWEST BONNET BOLT OF FIRE HYDRANT NORTH OF SITE, ELEV. 000.00, TRANSFERRED FROM WINNETKA BM AT THE INTERSECTION OF TOWER RD. AND GREEN BAY RD., ELEV. 000.00.

NOTE: EXISTING CONDITIONS ARE BASED UPON A TOPOGRAPHIC SURVEY. THIS IS NOT A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY AND SHALL NOT BE USED AS A BASIS FOR CONSTRUCTION PURPOSES. PROPERTY LINE INFORMATION SHOWN IS BASED ON THE PLAT OF SURVEY RECEIVED FROM THE OWNER AND ANY IRON PIPES (AS INDICATED) FOUND BY BO'S SURVEY CREW. PROPERTY BOUNDARY INFORMATION SHOWN HEREON IS TAKEN FROM OFFICIAL PLATS AND RECORDS



SITE NOTES:

- 1. INSTALL CONSTRUCTION FENCING AROUND THE PERIMETER OF THE PROPOSED ADDITION, MINIMUM 6' HIGH FOR NEW CONSTRUCTION. FENCING SHALL BE INSTALLED AT THE START OF EXCAVATION OR DEMOLITION AND BE MAINTAINED AND SHALL BE REMOVED WHEN THE STRUCTURE IS COMPLETED AND SECURED.
2. PROVIDE DOUBLE ROW OF SILT FENCE AND SINGLE ROW OF CONSTRUCTION FENCE AS SHOWN.
3. INSTALL TREE PROTECTION FENCING BEFORE BEGINNING ANY DEMOLITION OR EXCAVATION WORK ON THE SITE.
4. EXISTING FOUNDATION TO BE RE-USED. REFER TO ARCHITECT'S FOUNDATION PLAN.
5. CONTRACTOR TO PROMPTLY REMOVE ANY EXCAVATED MATERIAL NOT REQUIRED FOR SITE BACKFILL.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR OVERHEAD UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY AND THE OWNER, OR REPLACED.
7. ANY OPEN EXCAVATIONS, OR POTENTIALLY DANGEROUS AREAS SHALL BE FENCED OR GUARDED IN AN ACCEPTABLE MANNER AT THE END OF EACH DAY FOR THE PROTECTION OF THE CONTRACTOR'S EMPLOYEES AND GENERAL PUBLIC SAFETY.
8. CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY SOIL TRACKED ONTO THE ROAD AT THE END OF EACH DAY.
9. TOPOGRAPHIC SURVEY BY HLC SURVEYING.
10. CALL JULIE 1-800-892-0123 48 HOURS BEFORE STARTING ANY EXCAVATION WORK.
11. PORTABLE TOILET SHALL NOT BE PLACED CLOSER THAN 5' TO ANY PROPERTY LINE.
12. CONSTRUCTION STOCKPILE SHALL NOT BE PLACED CLOSER THAN 5' TO ANY PROPERTY LINE AND SHALL NOT EXCEED 8' IN HEIGHT.
13. A DUMPSTER OF ADEQUATE SIZE FOR THE CONTAINMENT AND DISPOSAL OF ALL JOB SITE REFUSE IS REQUIRED TO BE ON SITE FOR THE DURATION OF THE CONSTRUCTION.



I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS.

Signature: [Handwritten Signature]
DATE: 2/1/2022

MY LICENSE EXPIRES ON NOVEMBER 30, 2023
PAGES OR SHEETS COVERED BY THIS SEAL: C-1, C-2, C-3

Table with columns: DATE, REVISIONS, ISSUE, PROJECT STAFF. Includes revision history and project staff roles.

BCI BONO CONSULTING, INC. CIVIL ENGINEERS
1010 BUSSE HIGHWAY
PARK RIDGE, IL 60068
PH: (847) 823-3300
FAX: (847) 823-3303
bbono@bonoconsulting.com
DESIGN FIRM NO. 184-002379

EXISTING CONDITIONS & DEMOLITION PLAN
SITE IMPROVEMENT
6881 SEPTEMBER BLVD., LONG GROVE, IL 60047

Table with project information: PROJECT NO.: 20263, SHEET FILE:, ISSUE DATE: SEPT. 14, 2020, SCALE: 1"=20', SHEET NUMBER: C-1

PROJECT NARRATIVE

GENERAL: EXISTING 0.78 AC-FT OF STORAGE BASIN PER SUBDIVISION WILL BE MOVED FURTHER SOUTH, CLOSER TO INDIAN CREEK RD.

TYPE OF DEVELOPMENT:
REAR YARD IMPROVEMENTS

AREA SUMMARY:
TOTAL PARCEL AREA: 1.52 ACRES
DISTURBED AREA: 0.46 ACRES

SPECIAL PROTECTION AREAS:
CONSERVANCY EASEMENT

UPSTREAM TRIBUTARY: THERE IS NO UPSTREAM TRIBUTARY AREA FOR THE SITE.

SANITARY SEWERS: EX. BUILDING SERVICE TO REMAIN

CONSTRUCTION DATE: CONSTRUCTION TO COMMENCE FALL 2020

SE/SC: PROVIDE SILT FENCE AROUND THE CONSTRUCTION AREA AS SHOWN

SITE BENCHMARK IS CUT CROSS ON NORTHWEST BONNET BOLT OF FIRE HYDRANT NORTH OF SITE, ELEV. 000.00, TRANSFERRED FROM WINNETKA BM AT THE INTERSECTION OF TOWER RD. AND GREEN BAY RD., ELEV. 000.00.

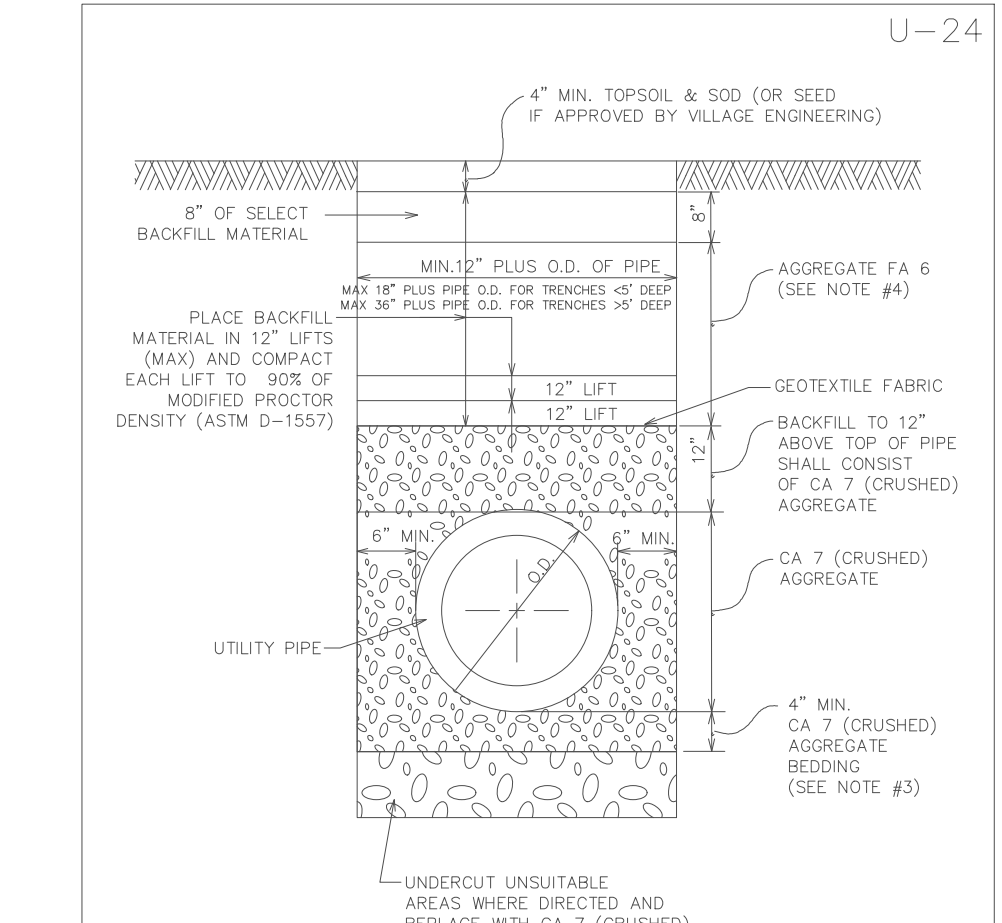
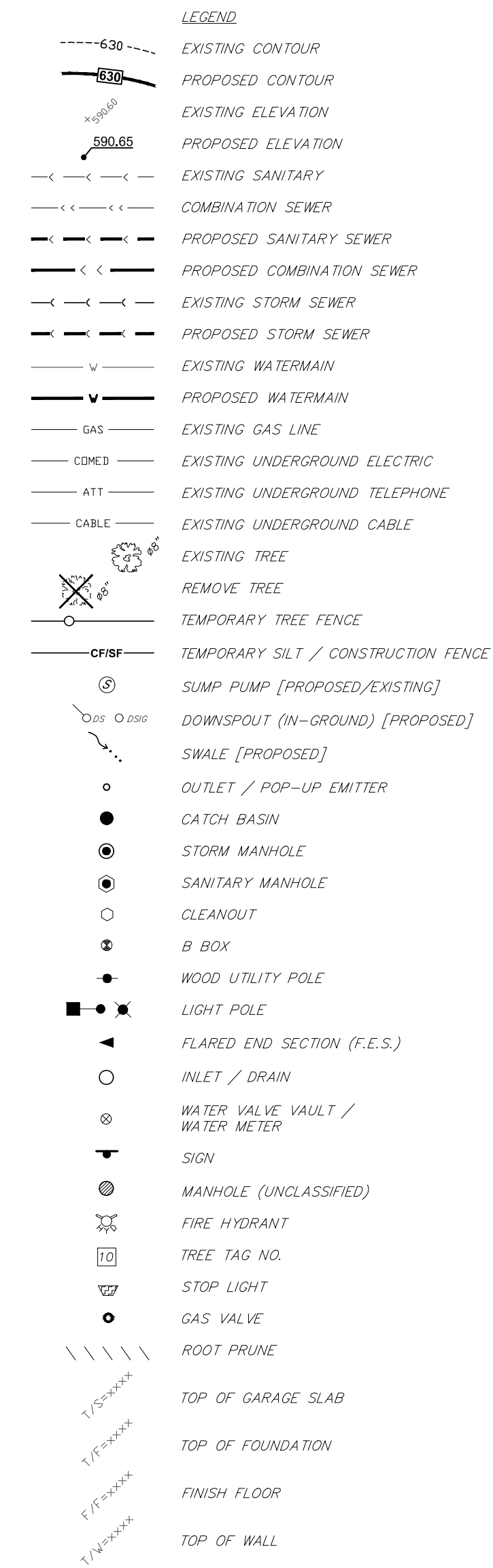
NOTE:
EXISTING CONDITIONS ARE BASED UPON A TOPOGRAPHIC SURVEY. THIS IS NOT A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY AND SHALL NOT BE USED AS A BASIS FOR CONSTRUCTION LAYOUT. PROPERTY LINE INFORMATION SHOWN IS BASED ON THE PLAT OF SURVEY RECEIVED FROM THE OWNER AND ANY IRON PIPES (AS INDICATED) FOUND BY 80'S SURVEY CREW.

PROPERTY BOUNDARY INFORMATION SHOWN HEREON IS TAKEN FROM OFFICIAL PLATS AND RECORDS

LOCATION OF UNDERGROUND UTILITIES WHERE NOT SUBSTANTIATED BY PHYSICAL EVIDENCE ARE TAKEN FROM RECORDS. NORMALLY CONSIDERED RELIABLE. NO RESPONSIBILITY FOR THEIR ACCURACY IS ASSUMED BY THE SURVEYOR.

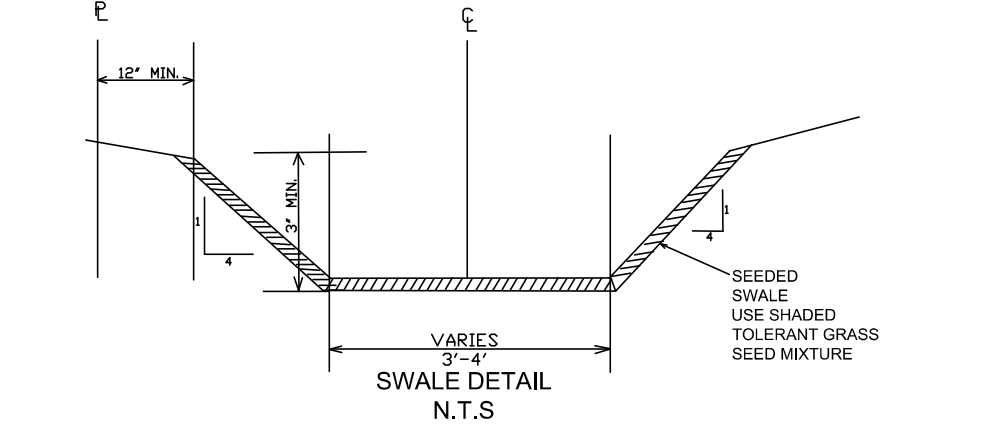
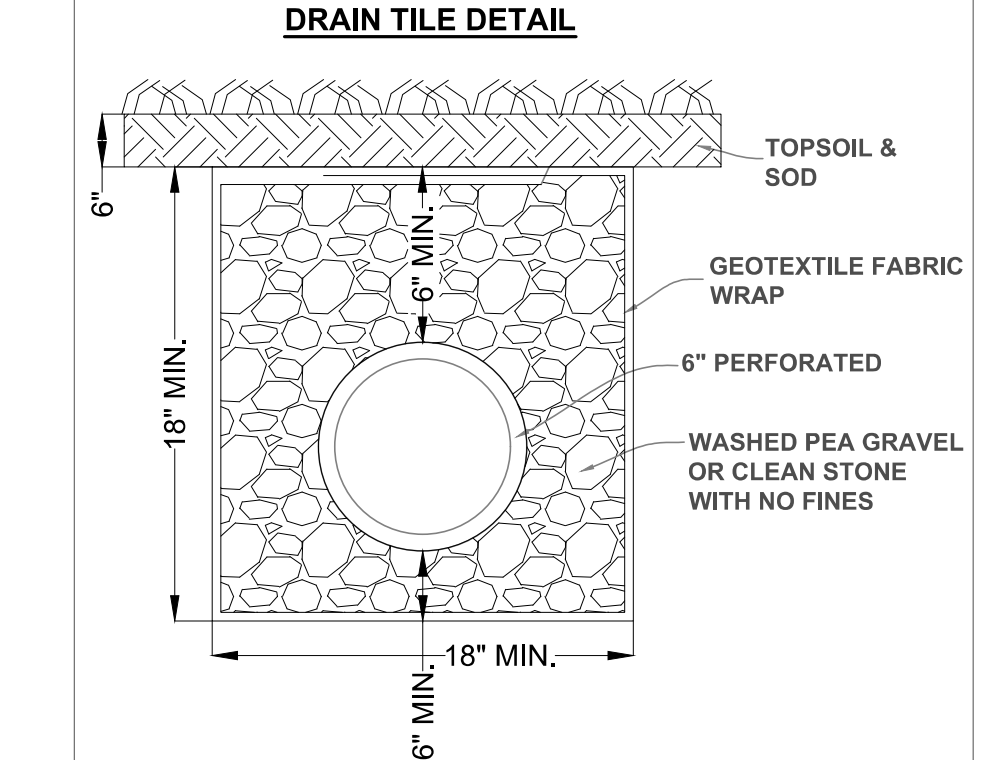
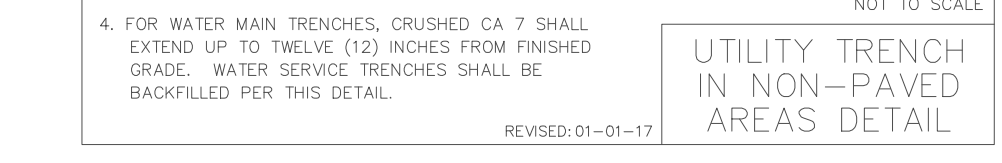
FOR LOCATION OF BURIED CABLE CALL U.U.I.E. @ 1-800-892-0123 BEFORE DIGGING

LOCATIONS OF EXISTING UTILITY SERVICES ARE BASED ON VISUAL OBSERVATIONS. CONTRACTOR MUST CONFIRM LOCATION AND CONDITION OF ALL UTILITY SERVICES TO REMAIN.



NOTES:

- ALL BACKFILL MATERIALS SHALL BE PROPERLY COMPACTED.
- ALL TRENCH EXCAVATIONS SHALL MEET OSHA REQUIREMENTS.
- BEDDING MATERIAL FOR PVC PIPE INSTALLATION SHALL COMPLY WITH ASTM D-2321.
- FOR WATER MAIN TRENCHES, CRUSHED CA 7 SHALL EXTEND UP TO TWELVE (12) INCHES FROM FINISHED GRADE. WATER SERVICE TRENCHES SHALL BE BACKFILLED PER THIS DETAIL.



STORAGE CALCS - 6881 September, Long Grove IL

STORAGE PROVIDED - FOR 100 YEAR STORM

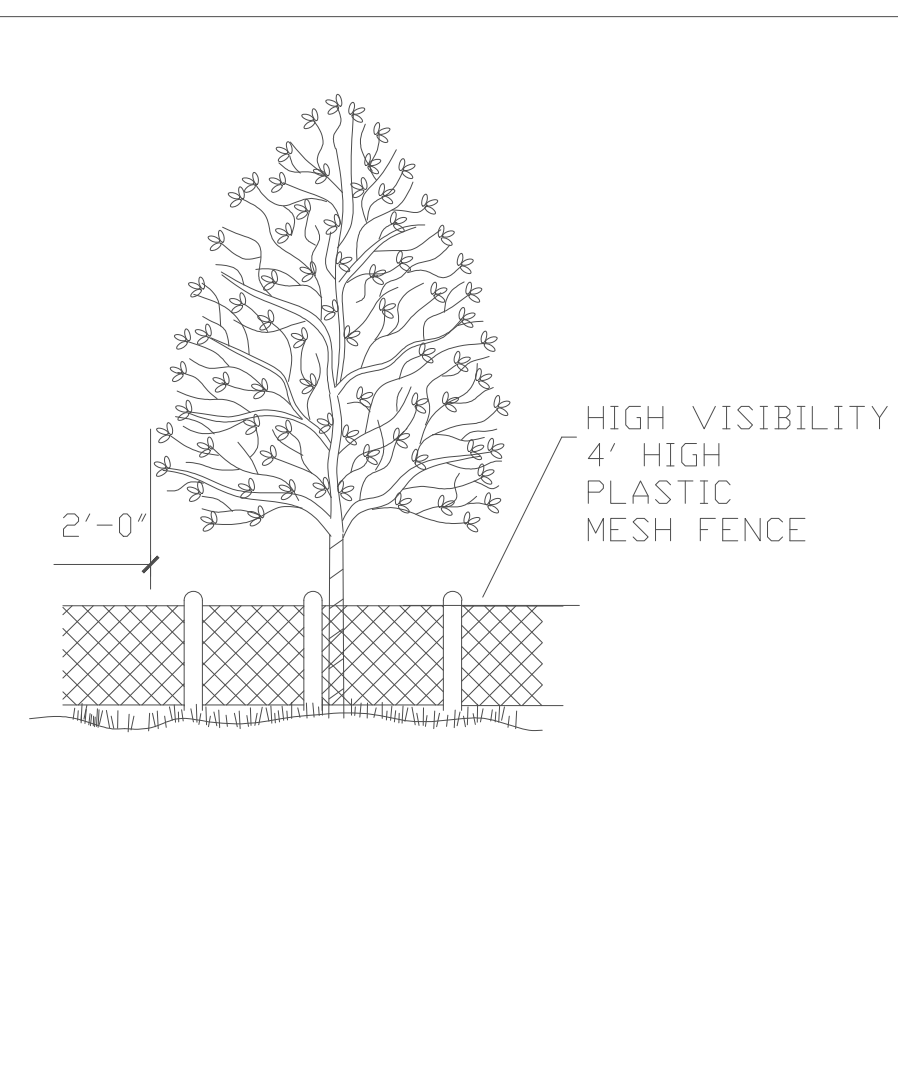
High Water Level = 763.14

CONTOUR	HEIGHT BETWEEN CONTOURS (FT.)	PROP. AREA OF CONTOUR (SQ.FT)	PROP. VOLUME (CU.FT)
763.14	0.14	20,224	2707
763	1.00	18,447	15105
762	1.00	11,764	10176
761	0.50	8,588	3962
760.5	0.50	7,261	1815
760	0	0	0

Depressional Storage Provided= 33,766 cu. ft. 0.78 ac-ft
Depressional Storage Required= 33,977 cu. ft. 0.78 ac-ft

NOTES:

- GRADE SIDE YARDS TO DIRECT WATER TO FRONT AND REAR YARDS. ACCEPT WATER FROM ADJACENT PROPERTIES.
- PROPOSED ELEVATIONS ARE TOP OF SOD OR CONCRETE.
- FINISHED DIRT GRADE IN LAWN AREAS SHALL BE 2" BELOW TOP OF SOD.
- CONTRACTOR TO PROMPTLY REMOVE ANY EXCAVATED MATERIAL NOT REQUIRED FOR SITE BACKFILL.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR OVERHEAD UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY AND THE OWNER, OR REPLACED.
- ANY OPEN EXCAVATIONS, OR POTENTIALLY DANGEROUS AREAS SHALL BE FENCED OR GUARDED IN AN ACCEPTABLE MANNER, AT THE END OF EACH DAY FOR THE PROTECTION OF THE CONTRACTOR'S EMPLOYEES AND GENERAL PUBLIC SAFETY. CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY SOIL TRACKED ONTO THE ROAD AT THE END OF EACH DAY. ANY TRACK-OUT NEEDS TO BE CLEANED IMMEDIATELY.

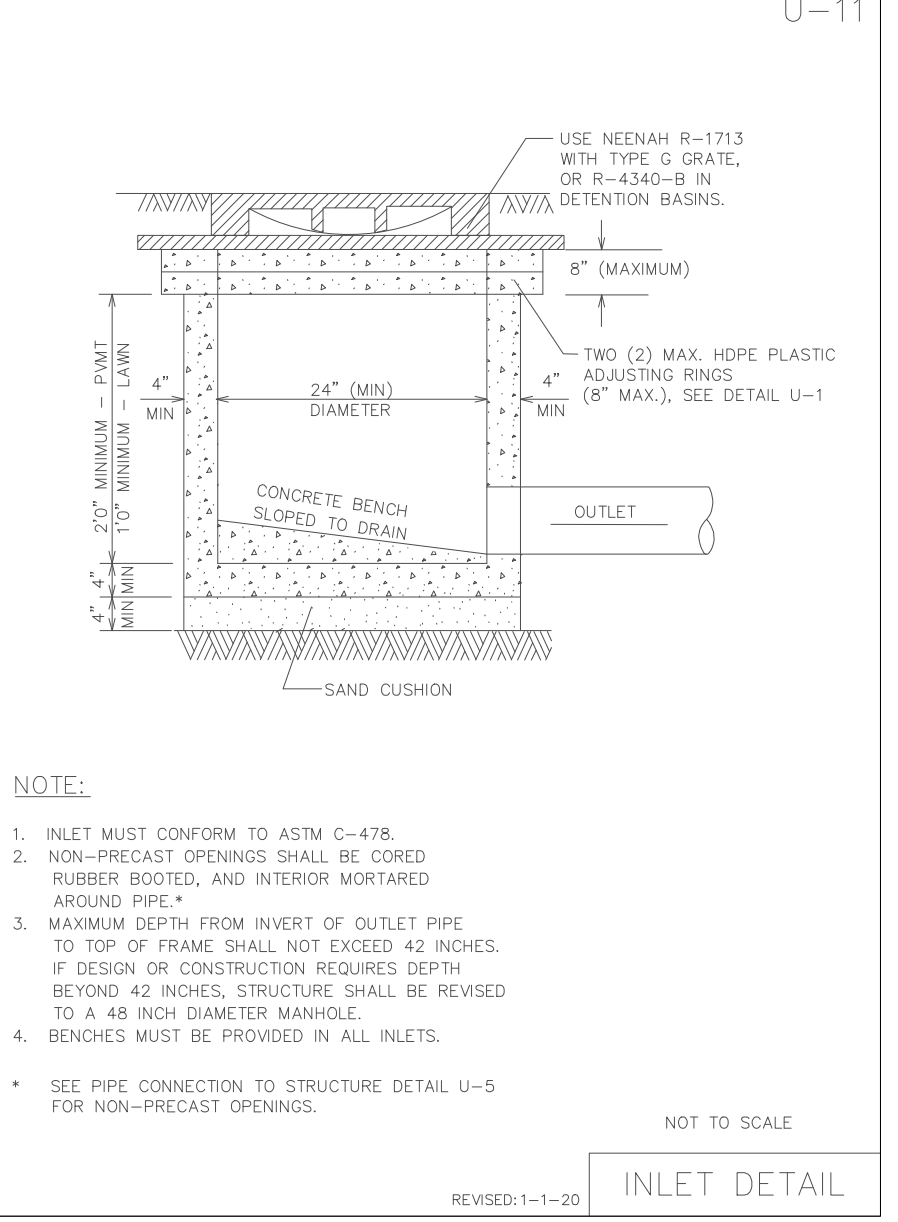


REVISIONS

09-23-19 RC

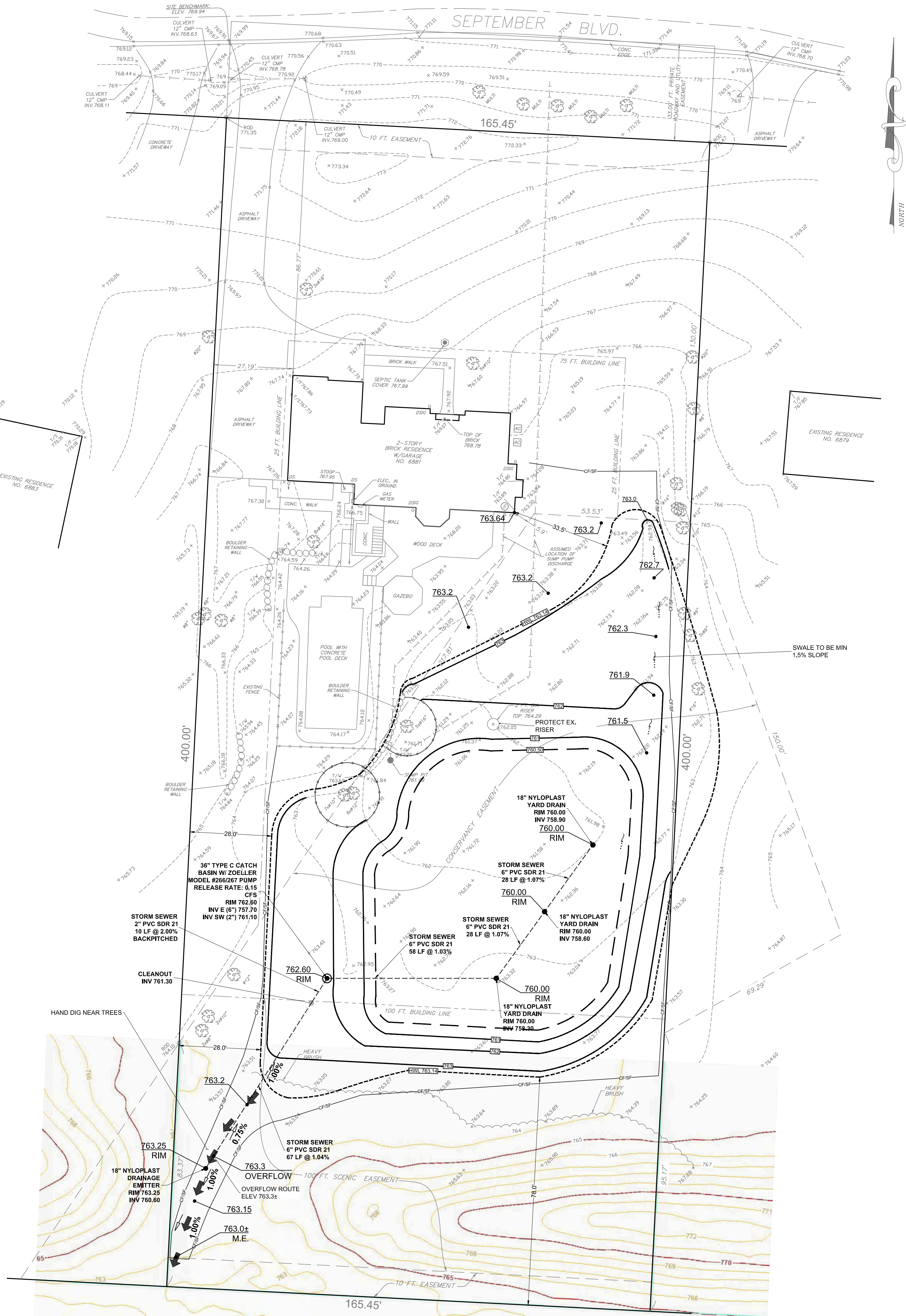
BONO CONSULTING, INC.

TREE PROTECTION DETAIL



NOTE:

- INLET MUST CONFORM TO ASTM C-478.
- NON-PRECAST OPENINGS SHALL BE CORED RUBBER BOOTED, AND INTERIOR MORTARED AROUND PIPE.
- MAXIMUM DEPTH FROM INVERT OF OUTLET PIPE TO TOP OF FRAME SHALL NOT EXCEED 42 INCHES. IF DESIGN OR CONSTRUCTION REQUIRES DEPTH BEYOND 42 INCHES, STRUCTURE SHALL BE REVISED TO A 48 INCH DIAMETER MANHOLE.
- BENCHES MUST BE PROVIDED IN ALL INLETS.
- SEE PIPE CONNECTION TO STRUCTURE DETAIL U-5 FOR NON-PRECAST OPENINGS.



BCI NOTES:

- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AS WELL AS O.S.H.A. STANDARDS.
- SHOULD IT APPEAR THAT THE WORK COVERED BY THE CONTRACT DOCUMENTS IS NOT SUFFICIENTLY DETAILED OR EXPLAINED, AN RFI FORM SHALL BE SUBMITTED TO THE ENGINEER FOR FURTHER DRAWINGS OR EXPLANATIONS AS MAY BE NECESSARY TO CLARIFY THE POINT IN QUESTION PRIOR TO THE CONTRACT AWARD. IT IS THE INTENTION OF THE CONTRACT DOCUMENTS TO PROVIDE A JOB COMPLETE IN EVERY RESPECT. THE CONTRACTOR IS RESPONSIBLE FOR THIS RESULT AND TO TURN OVER THE PROJECT IN COMPLETE OPERATING CONDITION, IRRESPECTIVE OF WHETHER THE CONTRACT DOCUMENTS COVER EVERY INDIVIDUAL ITEM IN MINUTE DETAIL.
- ALL BUILDING LAYOUTS SHOULD BE BY A REGISTERED LAND SURVEYOR AFTER CONFIRMING THE PROPERTY CORNERS IN THE FIELD. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER PRIOR TO INITIATING CONSTRUCTION.

PROJECT STAFF

PROJECT MANAGER: W. HERGENROTHER
ENGINEER: D. MEDZAK
ENGINEER: [blank]
TECHNICIAN: [blank]

REVISIONS

DATE	ISSUE	REVISIONS
09/23/20	1	PERMIT CHANGES
10/23/20	2	REVISION PER VILLAGE COMMENTS
03/20/21	3	REVISION PER CLIENTS COMMENTS
03/10/21	4	REVISION PER VILLAGE COMMENTS

BCI
BONO CONSULTING, INC.
CIVIL ENGINEERS

1010 BUSSE HIGHWAY
PARK RIDGE, IL 60068
PH: (847) 823-3300
FAX: (847) 823-3303
bbono@bonoconsulting.com
DESIGN FIRM NO. 184-002379

PROPOSED GRADING PLAN

SITE IMPROVEMENT

6881 SEPTEMBER BLVD., LONG GROVE, IL 60047

PROJECT NO.: 20263
BASE FILE:
SHEET FILE:
ISSUE DATE: SEPT. 14, 2020
SCALE: 1"=20'
SHEET NUMBER
C-2

March 24, 2022

Mr. Alex Dekhtyar
6881 September Boulevard
Long Grove, IL 60047

625 Forest Edge Drive, Vernon Hills, IL 60061

TEL 847.478.9700 ■ FAX 847.478.9701

www.gha-engineers.com

Re: 6881 September Boulevard / Lot 4 Lake Eleanora Estates
Proposed Grading Improvements
Engineering Re-Approval

Dear Mr. Dekhtyar:

We have completed our review of the revised documents submitted for the above referenced improvements. We are in receipt of the Engineering Plans showing proposed improvements prepared by Bono Consulting Inc., last revised February 1, 2021. All documents were received by our office February 28, 2022.

Based on our review, we approve the project as submitted with the following conditions:

1. Track-out is not allowed on September Boulevard at any time. Any track-out must be removed immediately.
2. All disturbed areas shall be stabilized with either topsoil, seed, and erosion control blanket (properly secured) and/or topsoil and sod. The site needs to be fully restored within 7 days of completion of construction and a full stand of grass should be established within 28 days from sod/seed placement.

Note: All restoration in the Conservancy Easement must meet the requirements and be approved by the Village's Conservancy & Scenic Corridor Committee.

3. Any pavement damage is to be repaired by the contractor to the satisfaction of the Homeowner's Association.
4. Our review did not include tree impact, landscaping, architectural or structural design.

During construction, the following inspections and approvals will be required by our office.

1. Inspection and signoff of the initial Soil Erosion and Sediment Control Measures; required prior to commencing land-disturbing activities. The construction access location and anticipated use needs to be defined at the pre-construction meeting.
2. Site Observation after pipe is installed but before backfilling. Please contact our office to determine the most beneficial time for this inspection.
3. Review and approval of the Final As-Built Survey, prepared by a licensed surveyor. (This needs to be submitted prior to the final site inspection.) Please also keep all restoration seed tags and submit them with the As-Built Survey to the Village.
4. Final site inspection and signoff.

Please call our office at 847-478-9700 to schedule the site inspections; a minimum of 48-hours' notice is required.

If you have any questions regarding the above, please do not hesitate to call me at 847-821-6231 or email me at gperry@gha-engineers.com.

Sincerely,
Gewalt Hamilton Associates, Inc.



Geoffrey L. Perry, P.E.
Village Engineer

cc (via email): Ms. Margerita Romanello, Building Commissioner – Village of Long Grove
Mr. Ken Meek – GHA

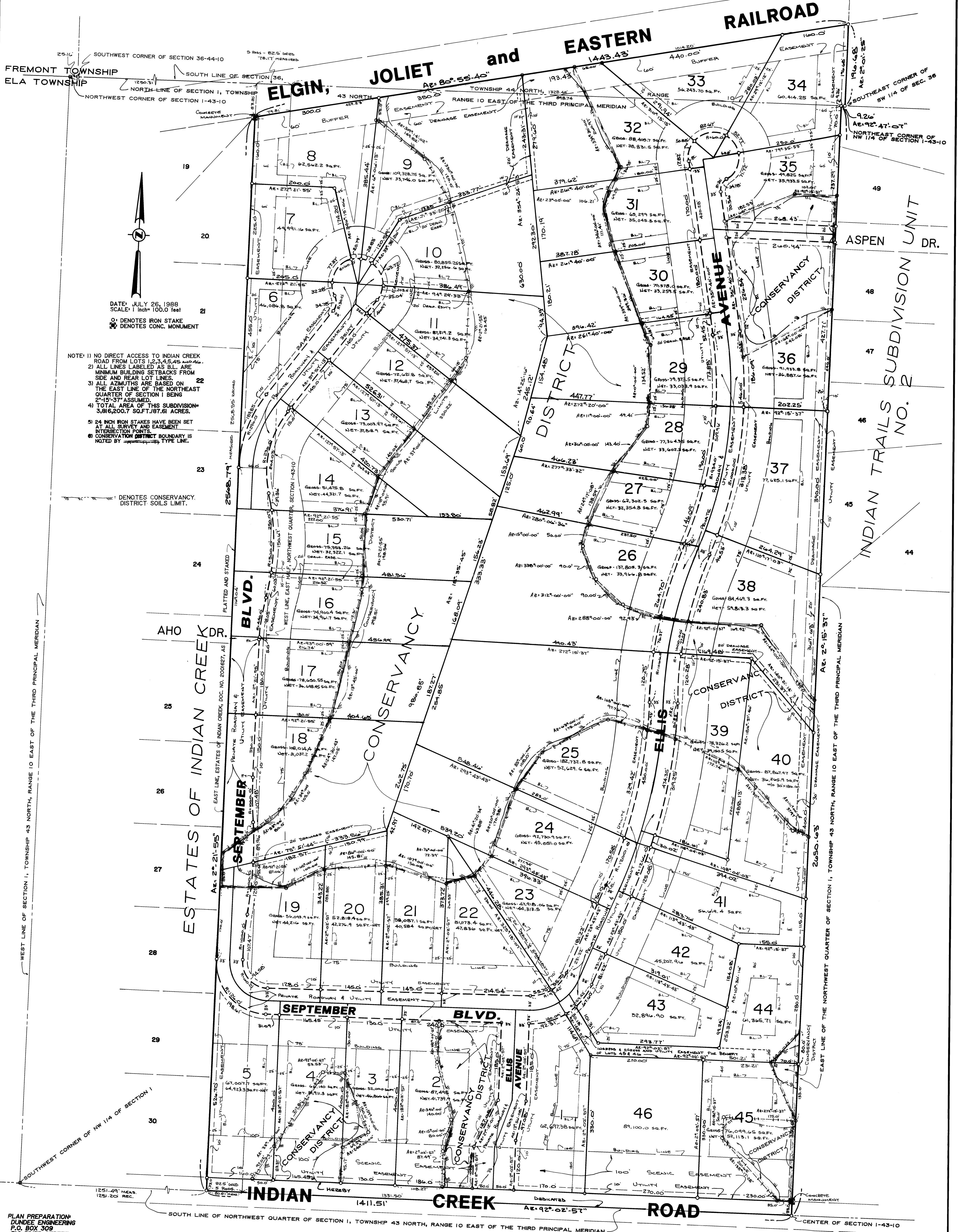
FINAL PLAT LAKE ELEANORA ESTATES

2750338

12-19-88

ELA TOWNSHIP
FREMONT TOWNSHIP

BEING A SUBDIVISION OF PART OF SECTION 1, TOWNSHIP 43 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND BEING A SUBDIVISION OF THE NORTHWEST QUARTER OF SECTION 1, TOWNSHIP 43 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN LAKE COUNTY, ILLINOIS.



DATE: JULY 26, 1988
SCALE: 1 inch = 100.0 feet

○ DENOTES IRON STAKE
■ DENOTES CONC. MONUMENT

- NOTE: 1) NO DIRECT ACCESS TO INDIAN CREEK ROAD FROM LOTS 1, 2, 3, 4, 5, 44, AND 45.
- 2) ALL LINES LABELED AS B.L. ARE MINIMUM BUILDING SETBACKS FROM SIDE AND REAR LOT LINES.
- 3) ALL AZIMUTHS ARE BASED ON THE EAST LINE OF THE NORTHEAST QUARTER OF SECTION 1 BEING 2°15'37" ASSUMED.
- 4) TOTAL AREA OF THIS SUBDIVISION = 3,816,200.7 SQ.FT./87.61 ACRES.
- 5) 24 INCH IRON STAKES HAVE BEEN SET AT ALL SURVEY AND EASEMENT INTERSECTION POINTS.
- 6) CONSERVANCY DISTRICT BOUNDARY IS NOTED BY TYPE LINE.

○ DENOTES CONSERVANCY DISTRICT SOILS LIMIT.

PLAN PREPARATION:
DUNDEE ENGINEERING
P.O. BOX 309
310 RIVER STREET
EAST DUNDEE, ILL. 60118
312-428-2923

2750338

751338
2750338
12-19-88

FINAL PLAT LAKE ELEANORA ESTATES

ELA TOWNSHIP
FREMONT TOWNSHIP

BEING A SUBDIVISION OF PART OF SECTION 1, TOWNSHIP 43 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN; AND SECTION 36, TOWNSHIP 44 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN LAKE COUNTY, ILLINOIS.

EASEMENT PROVISIONS

A NON-EXCLUSIVE EASEMENT FOR SERVING THE SUBDIVISION AND OTHER PROPERTY WITH ELECTRIC, COMMUNICATION, SEWER, WATER, GAS AND DRAINAGE SERVICE IS HEREBY RESERVED FOR AND GRANTED TO: THE VILLAGE OF LONG GROVE, OTHER GOVERNMENTAL AUTHORITIES HAVING JURISDICTION OVER THE LAND SUBDIVIDED HEREON AND THOSE PUBLIC UTILITY COMPANIES OPERATING UNDER FRANCHISE FROM THE VILLAGE OF LONG GROVE, INCLUDING, BUT NOT LIMITED TO COMMONWEALTH EDISON COMPANY, ILLINOIS BELL TELEPHONE COMPANY AND NORTH SHORE GAS COMPANY,

THEIR RESPECTIVE SUCCESSORS AND ASSIGNS, JOINTLY AND SEVERALLY, TO INSTALL, OPERATE, MAINTAIN AND REMOVE, FROM TIME TO TIME, FACILITIES USED IN CONNECTION WITH UNDERGROUND TRANSMISSION AND DISTRIBUTION OF ELECTRICITY AND SIGNALS IN, UNDER, ACROSS, ALONG AND UPON THE SURFACE OF THE PROPERTY SHOWN WITHIN THE DOTTED LINES ON THE PLAT AND MARKED "EASEMENT", AND THE PROPERTY DESIGNATED ON THE PLAT FOR STREETS, TOGETHER WITH THE RIGHT TO INSTALL REQUIRED SERVICE CONNECTIONS UNDER THE SURFACE OF EACH LOT TO SERVE IMPROVEMENTS THEREON, 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 DOTTED LINES MARKED "EASEMENT" WITHOUT THE PRIOR WRITTEN CONSENT OF GRANTEE. 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.

THE AREAS DESIGNATED AS CONSERVANCY DISTRICT SHALL REMAIN AS A NATURAL WILDLIFE PRESERVE.

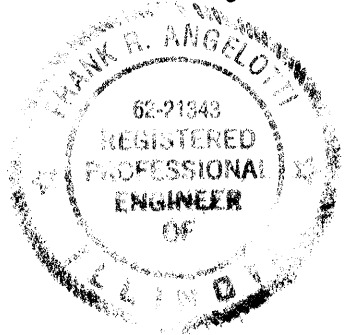
ALL AREAS ON THIS PLAT DESIGNATED CONSERVANCY DISTRICT, SCENIC EASEMENT OR BUFFER EASEMENT SHALL BE MAINTAINED IN THEIR NATURAL, UNDISTURBED CONDITION, WITH NO MAN MADE STRUCTURES OF ANY KIND.

LOTS 4, 36 AND 40 CONTAIN A LARGE PORTION OF WETLAND CONSERVATIVE SOILS AND THE SIZE OF THE HOMES PLACE ON SAID LOTS WOULD BE RESTRICTED TO 2 POSSIBLY 3 BEDROOMS AT THE MOST. IT IS ALSO POSSIBLE TO FIND SMALL PORTIONS OF THE UNSUITABLE SOIL IN AREAS ABOVE THE LINES NOTED ON THE ADJOINING PLAT THAT WOULD REQUIRE FILL AS APPROVED BY THE LAKE COUNTY HEALTH DEPARTMENT, PARTICULARLY LOT 36.

DRAINAGE CERTIFICATE

WE HEREBY CERTIFY TO THE BEST OF OUR KNOWLEDGE THAT ADEQUATE PROVISIONS HAVE BEEN MADE FOR THE DIVERSION AND RETENTION OF SURFACE WATERS INTO PUBLIC AREAS OR DRAINS WITHIN THE RIGHTS OF THE SUBDIVIDER, AND THAT SURFACE WATERS WILL NOT BE DEPOSITED ON ADJACENT LAND OWNERS PROPERTY IN SUCH CONCENTRATION AS MAY CAUSE DAMAGE BY EROSION OR SEDIMENTATION TO SUCH PROPERTY BECAUSE OF THE CONSTRUCTION OF THIS SUBDIVISION.

Frank R. Ongel... Mark...
ILL. REG. PROF. ENG. 21343...
ENGINEER



STATE OF ILLINOIS
COUNTY OF KANE ss

THIS IS TO CERTIFY THAT I, JOHN WHITEHOUSE, REGISTERED ILLINOIS LAND SURVEYOR, HAVE SURVEYED, SUBDIVIDED AND PLATTED AT THE REQUEST OF THE OWNERS THEREOF, THAT PART OF SECTION 1, TOWNSHIP 43 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND THAT PART OF SECTION 36, TOWNSHIP 44 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:
THE EAST HALF OF LOTS 1 AND 2 AND THE EAST 5 RODS OF THE WEST HALF OF SAID LOTS 1 AND 2, IN THE NORTHWEST QUARTER OF SECTION 1, TOWNSHIP 43 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN (EXCEPT THAT PART THEREOF CONVEYED TO WAUKEGAN AND SOUTHWESTERN RAILWAY COMPANY, NOW ELGIN, JOLIET, AND EASTERN RAILWAY BY DEED DATED AUGUST 6, 1880 AND RECORDED SEPTEMBER 17, 1889 AS DOCUMENT 40466); ALSO, THAT PART OF THE SOUTHWEST QUARTER OF SECTION 36, TOWNSHIP 44 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN LYING SOUTHERLY OF THE SOUTHERLY RIGHT OF WAY LINE OF THE ELGIN, JOLIET AND EASTERN RAILWAY, ALL IN LAKE COUNTY, ILLINOIS.

I FURTHER CERTIFY THAT THE PLAT HEREON DRAWN IS A CORRECT AND ACCURATE REPRESENTATION OF SAID SURVEY AND SUBDIVISION. ALL DISTANCES ARE SHOWN IN FEET AND DECIMAL PARTS THEREOF. ALL COURSES ARE DESCRIBED AS AZIMUTHS.

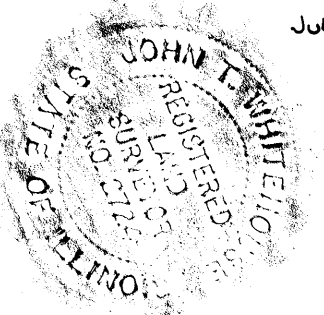
I FURTHER CERTIFY THAT NO PART OF THE PROPERTY COVERED BY THIS PLAT OF SUBDIVISION IS LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA AS IDENTIFIED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

I FURTHER CERTIFY THAT I HAVE SET ALL SUBDIVISION MONUMENTS AND DESCRIBED THEM ON THIS FINAL PLAT AS REQUIRED BY THE PLAT ACT (ILLINOIS REVISED STATUTES 1977, CHAPTER 109, SECTION 1).

I FURTHER CERTIFY THAT THIS PLAT OF SUBDIVISION LIES WITHIN THE CORPORATE LIMITS OF THE VILLAGE OF LONG GROVE.

GIVEN UNDER MY HAND AND SEAL AT DUNDEE, ILLINOIS THIS 26th DAY OF July, 1988 A.D.

John T. Whitehouse
JOHN T. WHITEHOUSE TRLS NO. 35-2724

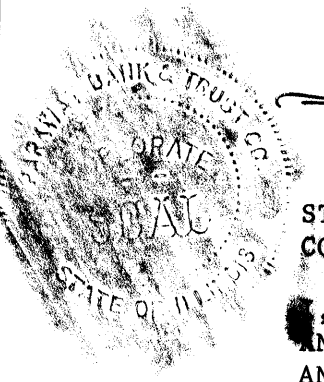


STATE OF ILLINOIS
COUNTY OF COOK ss PARKWAY BANK AND TRUST COMPANY

THIS IS TO CERTIFY THAT THE PARKWAY BANK AND TRUST CO., AS TRUSTEE UNDER A TRUST AGREEMENT KNOWN AS TRUST NO. 79044, DATED AUGUST 7, 1986, AND NOT INDIVIDUALLY, IS THE OWNER OF THE PROPERTY DESCRIBED HEREIN AND THAT SAID BANK HAS CAUSED THE SAME TO BE SURVEYED, SUBDIVIDED, AND PLATTED AS SHOWN HEREON FOR THE USES AND PURPOSES HEREIN SET FORTH AS ALLOWED AND PROVIDED FOR BY STATUTE, AND SAID BANK AS TRUSTEE, AND NOT INDIVIDUALLY, HEREBY ACKNOWLEDGES AND ADOPTS THE SAME UNDER STYLE AND TITLE AFORESAID.

DATED AT COOK, ILLINOIS, THIS 12th DAY OF December, 1988.

Bob... Rose...
VICE PRESIDENT TRUST OFFICER ASST. VICE PRESIDENT TRUST OFFICER



STATE OF ILLINOIS
COUNTY OF COOK ss
The... A NOTARY PUBLIC IN AND FOR THE COUNTY AND STATE AFORESAID, DO HEREBY CERTIFY THAT... PERSONALLY KNOWN TO ME TO BE THE OFFICERS OF THE PARKWAY BANK AND TRUST CO. AS SHOWN ABOVE, APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THAT AS SUCH OFFICERS, THEY SIGNED AND DELIVERED THE SAID INSTRUMENT AND CAUSED THE CORPORATE SEAL TO BE AFFIXED THEREON AS THEIR FREE AND VOLUNTARY ACT AND AS THE FREE AND VOLUNTARY ACT OF SAID BANK AS TRUSTEE UNDER TRUST NO. 79044 FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS 12th DAY OF December, 1988.

Notary Public



2750338

STATE OF ILLINOIS
COUNTY OF LAKE ss

APPROVED BY THE PRESIDENT AND THE BOARD OF TRUSTEES OF THE VILLAGE OF LONG GROVE, ILLINOIS THIS 13th DAY OF December, 1988.

Village President
Village Clerk

STATE OF ILLINOIS
COUNTY OF LAKE ss

THIS IS TO CERTIFY THAT THE MEMBERS OF THE PLAN COMMISSION OF THE VILLAGE OF LONG GROVE HAVE REVIEWED AND APPROVED THE ABOVE PLAT.

DATED THIS 1st DAY OF November, 1988.

Chairman
Secretary

STATE OF ILLINOIS
COUNTY OF LAKE ss

I, D. M. Doughty, VILLAGE COLLECTOR OF THE VILLAGE OF LONG GROVE, DO HEREBY CERTIFY THAT THERE ARE NO DELINQUENT OR UNPAID CURRENT OR FORFEITED SPECIAL ASSESSMENTS OR ANY DEFERRED INSTALLMENTS THEREOF THAT HAVE BEEN APPORTIONED AGAINST THE LAND INCLUDED IN THE PLAT.

DATED AT LONG GROVE, LAKE COUNTY, ILLINOIS THIS 12th DAY OF December, 1988.

Village Collector

STATE OF ILLINOIS
COUNTY OF LAKE ss

THIS IS TO CERTIFY THAT THE VILLAGE ENGINEER OF THE VILLAGE OF LONG GROVE HAS REVIEWED AND APPROVED THE ABOVE PLAT.

DATED THIS 19th DAY OF December, 1988.

Village Engineer

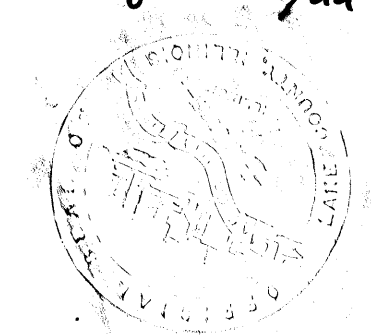
STATE OF ILLINOIS
COUNTY OF LAKE ss

THIS IS TO CERTIFY THAT I, Linda Januzi Hess, COUNTY CLERK FOR THE COUNTY AND STATE AFORESAID, FIND NO REDEEMABLE TAX SALES, UNPAID TAXES OR UNPAID CURRENT TAXES AGAINST ANY OF THE REAL ESTATE INCLUDED IN THE ABOVE PLAT.

I FURTHER CERTIFY THAT I HAVE RECEIVED ALL STATUTORY FEES IN CONNECTION WITH THE ANNEXED PLAT.

GIVEN UNDER MY HAND AND SEAL IN WAUKEGAN, ILLINOIS THIS 19th DAY OF December, 1988.

Linda Januzi Hess
County Clerk





BENCHMARK
RAILROAD SPIKE IN THE NORTH FACE OF A POWER POLE ON THE SOUTH SIDE OF INDIAN CREEK ROAD AT THE SOUTHEAST CORNER OF THE PROJECT EL. 768.88

Note: All Property Lines Extend To
Center of Private Road Easement
Per Plat of Survey.

Point near bus IT

Rec'd from Frank Farkas
who got it from Pat Bled.

5/18/15 or

EXISTING 24" DIA.
C.I. PIPE

APPROXIMATELY 18.37 ACRES
TRIBUTARY TO THIS POINT

60 L.F. PROPOSED 24" DIA. RCP
W/ F.S. @ 0.30 %

CONSTRUCT EARTH BERM
TO ELEV. 763.0
3:1 SLOPES (TYP)

CONSTRUCT EARTH BERM
TO ELEV. 779.0
3:1 SLOPES (TYP)

GRADING AND DRAINAGE

APPLIED ENGINEERING COMPANY CONSULTING CIVIL ENGINEERS 4242 KIRCHOFF ROAD ROLLING MEADOWS, IL 60008 (312) 991-7666			LAKE ELEANORA ESTATES <i>Depressional Area</i>		DRAWN BY: JJP DESIGNED BY: W.E.H. APPROVED BY: F.R.A. FIELD BK. No. DATE: January 19, 1988
2. Revised Private Road Alignment & Lots 1. ADD PHASE LINES	8-4-88 WPH 5-26-88		PROJECT No. 87-973 SCALE: 1" = 100' SHEET 2 OF 9		



Natural Area Restoration and
Erosion Control Services

Over 30 Years of Environmental Service

3744 Cuba Road
Long Grove, Illinois 60047-7958

Phone: 847-526-9322

Fax: 847-526-7240

www.McGintyBros.com

Proposal

Submit To:		Service Address:	
Company:	Barnett Consulting LLC	Job Name:	Dekhtyar Residence
Attn:	Terry Barnett	Address:	6881 September Blvd
Address:	4 Sandpiper Lane	City/State:	Long Grove, IL 60047
City/State:	Hawthorn Woods, IL 60047	Mobile:	847-525-6230
Phone:		Email:	tbarnett@glenbrookexcavating.com

We hereby submit specifications and estimates for:

Restoration of Village's Conservancy & Scenic Corridor Easement as Follows:

Herbicide Application to Eliminate Existing Turf Grass within Corridor Easement: \$495.00

Removal of Existing Turf Grass after Herbicide Application: \$3,780.00

Soil Preparation for Seeding: \$580.00

Seeding of Low Profile Prairie Grass and Forb Seed Mix: \$1,335.00

Biodegradable Erosion Control Blanket over Seeded Area: \$870.00

High Mowing of Native Seeding to Eliminate Annual/Biennial Weed Species: \$495.00

Selective Herbicide Application to Eliminate Perennial Weed Species: \$560.00


High Mowing of Native Seeding to Eliminate Annual/Biennial Weed Species: \$495.00

Follow-Up Selective Herbicide Application: \$560.00

We Propose hereby to furnish material and labor- complete in accordance with above specifications, for the sum of:
Ninety Thousand One Hundred Seventy and 00/100 ----- (\$9,170.00).

Payment to be made as follows: Net due upon completion of individual activities.

Monthly Finance Charges of 1.5% applied to all unpaid invoices after thirty days.

		Note:	
Authorized Customer Care Representative Signature		All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Our workers are fully covered by Workmen's Compensation Insurance. Our work is fully covered by General Liability Insurance.	
Brian M Wilson	5/12/2022	Acceptance of Proposal - The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.	
Please print name	Date	Acceptance of Proposal Signature	Date of Acceptance
Note: This proposal may be withdrawn by us if not accepted within <u>30</u> days.			
THANK YOU! [] MasterCard [] Visa [] American Express \$ _____			
Account No. _____		Exp. Date _____ Signature _____	

PROJECT NARRATIVE

GENERAL: EXISTING 0.78 AC-FT OF STORAGE BASIN PER SUBDIVISION WILL BE MOVED FURTHER SOUTH, CLOSER TO INDIAN CREEK RD.

TYPE OF DEVELOPMENT:
REAR YARD IMPROVEMENTS

AREA SUMMARY:
TOTAL PARCEL AREA: 1.52 ACRES
DISTURBED AREA: 0.46 ACRES

SPECIAL PROTECTION AREAS:
CONSERVANCY EASEMENT

UPSTREAM TRIBUTARY: THERE IS NO UPSTREAM TRIBUTARY AREA FOR THE SITE.

SANITARY SEWERS: EX. BUILDING SERVICE TO REMAIN

CONSTRUCTION DATE: CONSTRUCTION TO COMMENCE FALL 2020

SE/SC: PROVIDE SILT FENCE AROUND THE CONSTRUCTION AREA AS SHOWN

SITE BENCHMARK IS CUT CROSS ON NORTHWEST BONNET BOLT OF FIRE HYDRANT NORTH OF SITE, ELEV. 000.00, TRANSFERRED FROM WINNETKA BM AT THE INTERSECTION OF TOWER RD. AND GREEN BAY RD., ELEV. 000.00.

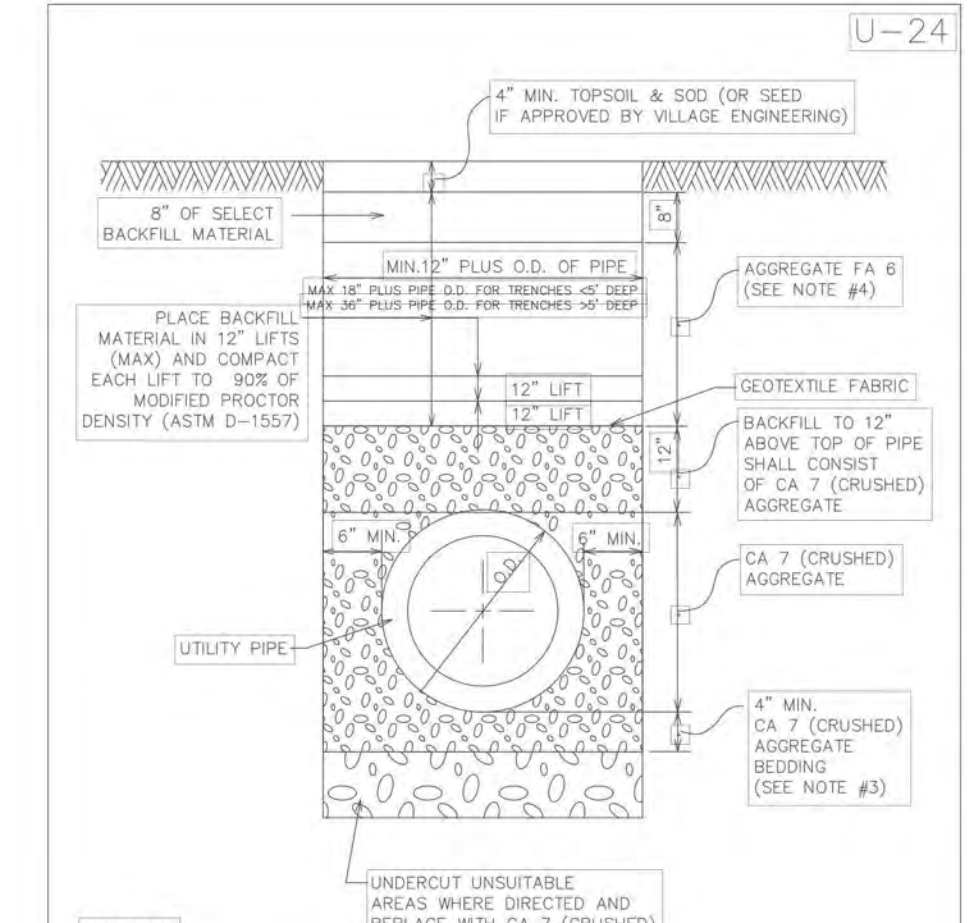
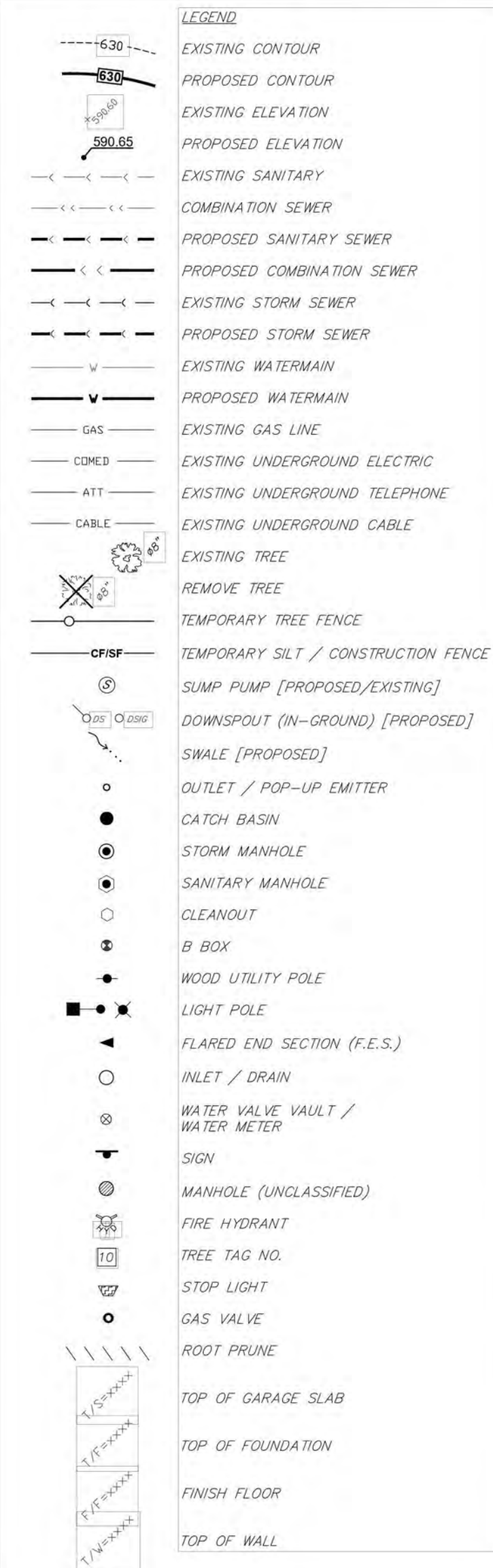
NOTE:
EXISTING CONDITIONS ARE BASED UPON A TOPOGRAPHIC SURVEY. THIS IS NOT A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY AND SHALL NOT BE USED AS A BASIS FOR CONSTRUCTION LAYOUT. PROPERTY LINE INFORMATION SHOWN IS BASED ON THE PLAT OF SURVEY RECEIVED FROM THE OWNER AND ANY IRON PIPES (AS INDICATED) FOUND BY BO'S SURVEY CREW.

PROPERTY BOUNDARY INFORMATION SHOWN HEREON IS TAKEN FROM OFFICIAL PLATS AND RECORDS

LOCATION OF UNDERGROUND UTILITIES WHERE NOT SUBSTANTIATED BY PHYSICAL EVIDENCE ARE TAKEN FROM RECORDS NORMALLY CONSIDERED RELIABLE. NO RESPONSIBILITY FOR THEIR ACCURACY IS ASSUMED BY THE SURVEYOR.

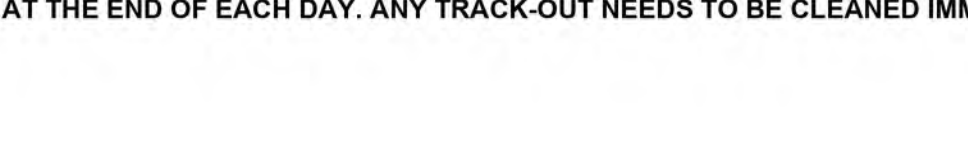
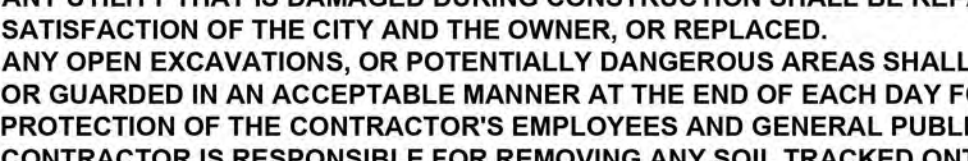
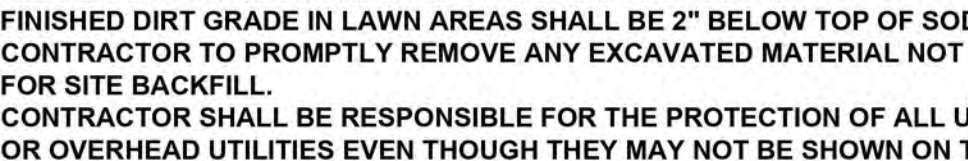
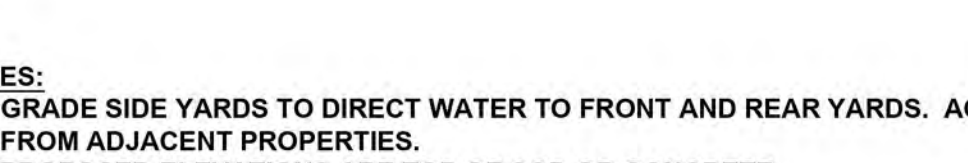
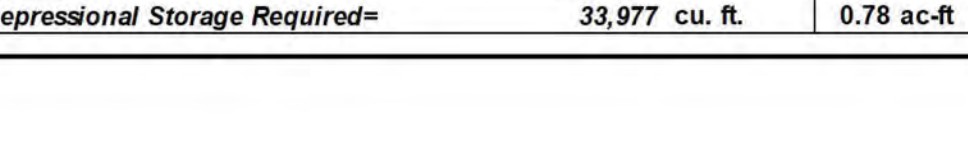
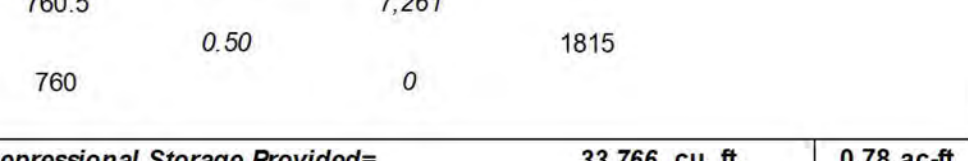
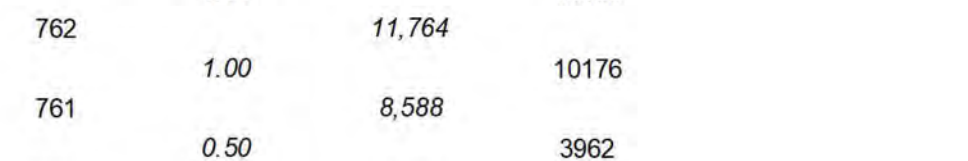
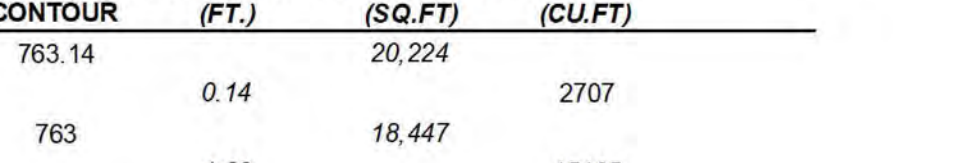
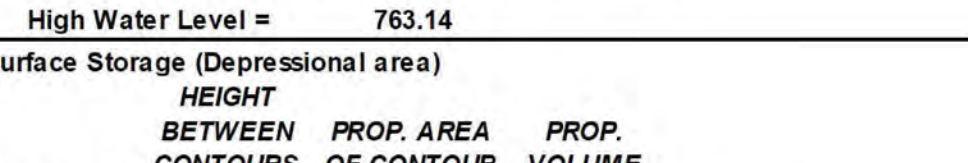
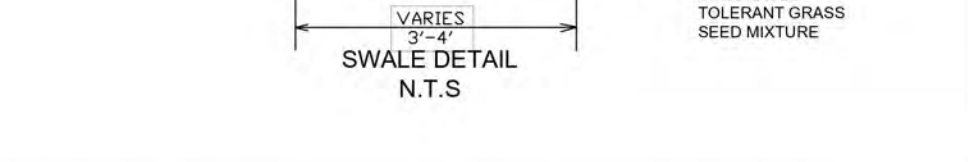
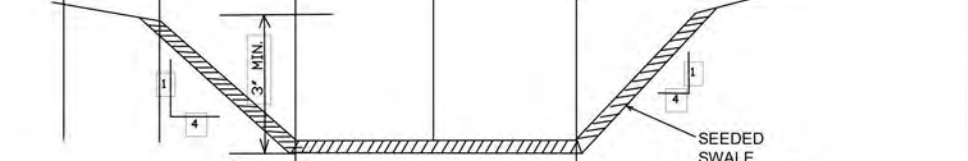
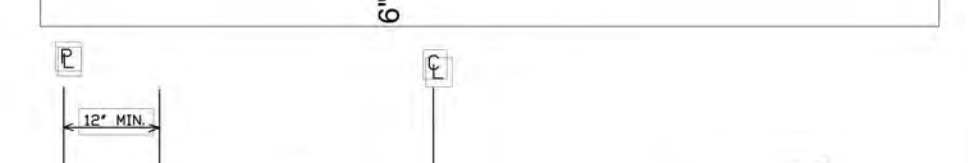
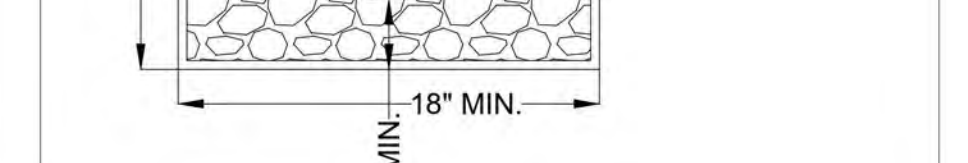
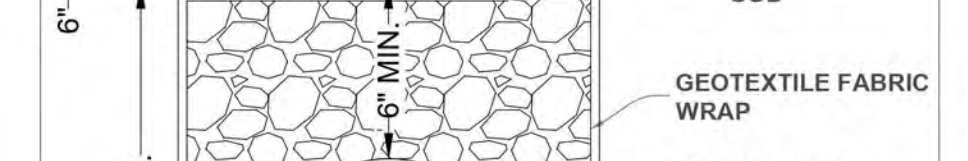
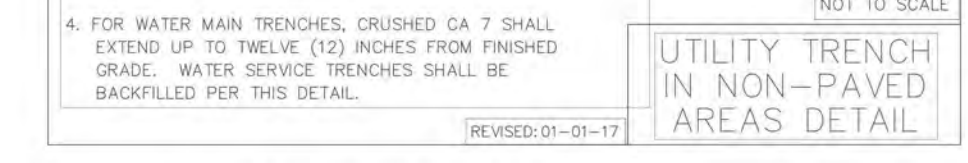
FOR LOCATION OF BURIED CABLE CALL I.U.L.I.E. @ 1-800-892-0123 BEFORE DIGGING

LOCATIONS OF EXISTING UTILITY SERVICES ARE BASED ON VISUAL OBSERVATIONS. CONTRACTOR MUST CONFIRM LOCATION AND CONDITION OF ALL UTILITY SERVICES TO REMAIN.



NOTES:

1. ALL BACKFILL MATERIALS SHALL BE PROPERLY COMPACTED.
2. ALL TRENCH EXCAVATIONS SHALL MEET OSHA REQUIREMENTS.
3. BEDDING MATERIAL FOR PVC PIPE INSTALLATION SHALL COMPLY WITH ASTM D-2321.
4. FOR WATER MAIN TRENCHES, CRUSHED CA 7 SHALL EXTEND UP TO TWELVE (12) INCHES FROM FINISHED GRADE. WATER SERVICE TRENCHES SHALL BE BACKFILLED PER THIS DETAIL.



STORAGE CALCS - 6881 September, Long Grove IL

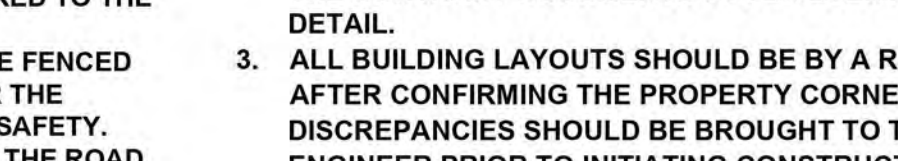
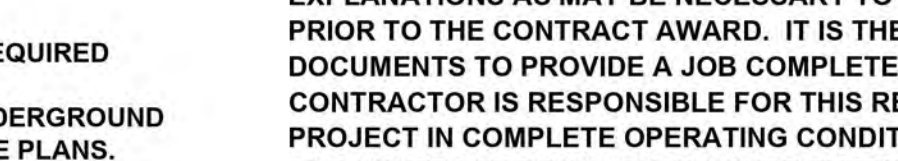
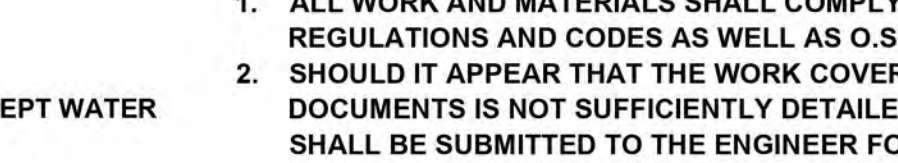
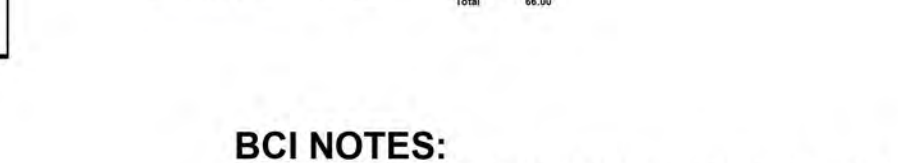
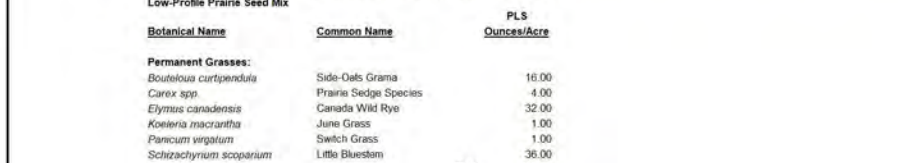
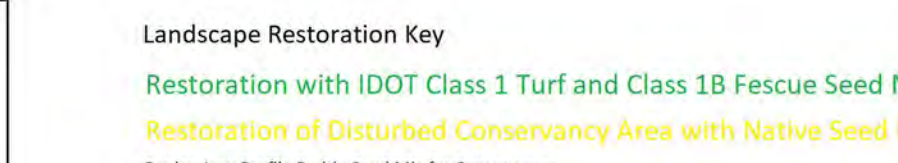
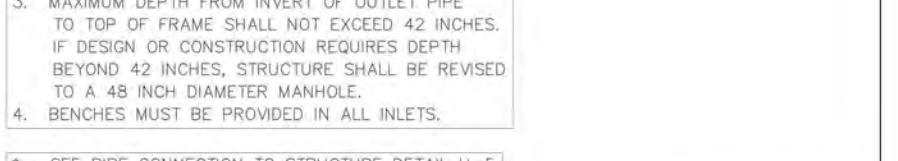
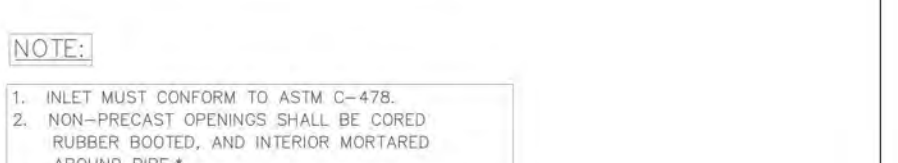
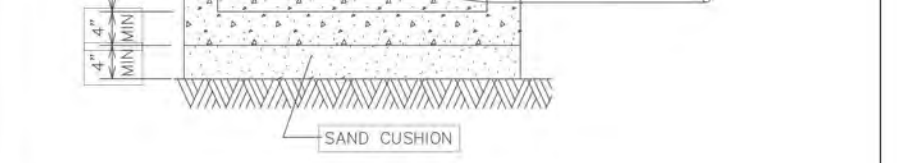
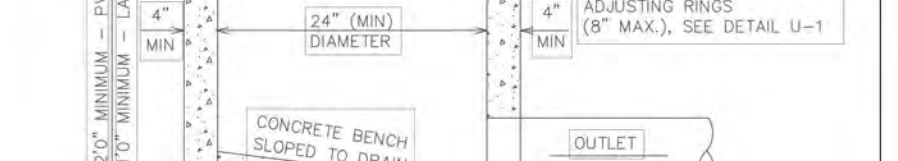
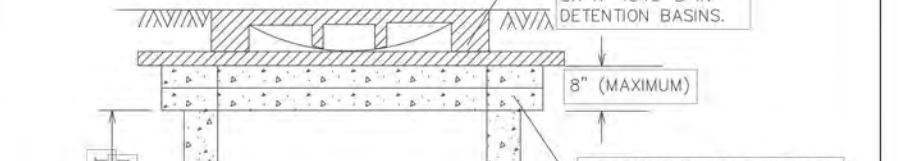
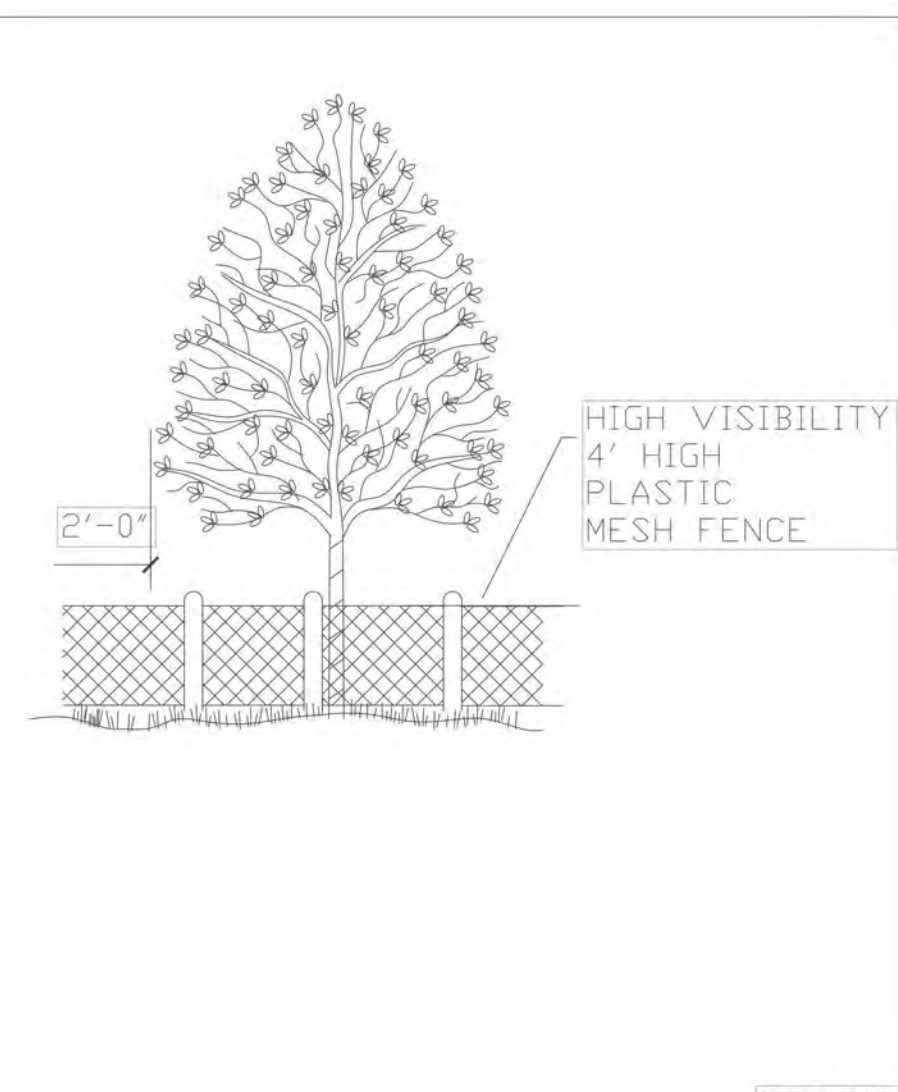
High Water Level = 763.14

Surface Storage (Depressional area)

CONTOUR	HEIGHT BETWEEN CONTOURS (FT.)	PROP. AREA OF CONTOUR (SQ. FT)	PROP. VOLUME (CU. FT.)
763.14	0.14	20,224	2707
763	1.00	18,447	15105
762	1.00	11,764	10176
761	0.50	8,588	3962
760.5	0.50	7,261	1815
760	0	0	0

Depressional Storage Provided= 33,766 cu. ft. 0.78 ac-ft
Depressional Storage Required= 33,977 cu. ft. 0.78 ac-ft

- NOTES:**
1. GRADE SIDE YARDS TO DIRECT WATER TO FRONT AND REAR YARDS. ACCEPT WATER FROM ADJACENT PROPERTIES.
 2. PROPOSED ELEVATIONS ARE TOP OF SOD OR CONCRETE.
 3. FINISHED DIRT GRADE IN LAWN AREAS SHALL BE 2" BELOW TOP OF SOD.
 4. CONTRACTOR TO PROMPTLY REMOVE ANY EXCAVATED MATERIAL NOT REQUIRED FOR SITE BACKFILL.
 5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR OVERHEAD UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY AND THE OWNER, OR REPLACED.
 6. ANY OPEN EXCAVATIONS, OR POTENTIALLY DANGEROUS AREAS SHALL BE FENCED OR GUARDED IN AN ACCEPTABLE MANNER AT THE END OF EACH DAY FOR THE PROTECTION OF THE CONTRACTOR'S EMPLOYEES AND GENERAL PUBLIC SAFETY. CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY SOIL TRACKED ONTO THE ROAD AT THE END OF EACH DAY. ANY TRACK-OUT NEEDS TO BE CLEANED IMMEDIATELY.



Landscape Restoration Key

Restoration with IDOT Class 1 Turf and Class 1B Fescue Seed Mixes
Restoration of Disturbed Conservancy Area with Native Seed Mix

Cardinal Low Profile Prairie Seed Mix for Conservancy

Botanical Name	Common Name	Quantity
Andropogon scoparius	Andropogon	10.00
Asclepias tuberosa	Asclepias	4.00
Coreopsis lanceolata	Coreopsis	30.00
Helianthus annuus	Helianthus	20.00
Rudbeckia hirta	Rudbeckia	20.00
Solidago canadensis	Solidago	20.00
Thalictrum flavum	Thalictrum	1.00
Trifolium repens	Trifolium	20.00
Verbena stricta	Verbena	20.00
Temporary Cover		100.00
Perennial Grasses		10.00
Andropogon scoparius	Andropogon	10.00
Asclepias tuberosa	Asclepias	4.00
Coreopsis lanceolata	Coreopsis	30.00
Helianthus annuus	Helianthus	20.00
Rudbeckia hirta	Rudbeckia	20.00
Solidago canadensis	Solidago	20.00
Thalictrum flavum	Thalictrum	1.00
Trifolium repens	Trifolium	20.00
Verbena stricta	Verbena	20.00
Perennial Forbs		100.00
Andropogon scoparius	Andropogon	10.00
Asclepias tuberosa	Asclepias	4.00
Coreopsis lanceolata	Coreopsis	30.00
Helianthus annuus	Helianthus	20.00
Rudbeckia hirta	Rudbeckia	20.00
Solidago canadensis	Solidago	20.00
Thalictrum flavum	Thalictrum	1.00
Trifolium repens	Trifolium	20.00
Verbena stricta	Verbena	20.00
Perennial Grasses		100.00
Andropogon scoparius	Andropogon	10.00
Asclepias tuberosa	Asclepias	4.00
Coreopsis lanceolata	Coreopsis	30.00
Helianthus annuus	Helianthus	20.00
Rudbeckia hirta	Rudbeckia	20.00
Solidago canadensis	Solidago	20.00
Thalictrum flavum	Thalictrum	1.00
Trifolium repens	Trifolium	20.00
Verbena stricta	Verbena	20.00

- BCI NOTES:**
1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AS WELL AS O.S.H.A. STANDARDS.
 2. SHOULD IT APPEAR THAT THE WORK COVERED BY THE CONTRACT DOCUMENTS IS NOT SUFFICIENTLY DETAILED OR EXPLAINED, AN RFI FORM SHALL BE SUBMITTED TO THE ENGINEER FOR FURTHER DRAWINGS OR EXPLANATIONS AS MAY BE NECESSARY TO CLARIFY THE POINT IN QUESTION PRIOR TO THE CONTRACT AWARD. IT IS THE INTENTION OF THE CONTRACT DOCUMENTS TO PROVIDE A JOB COMPLETE IN EVERY RESPECT. THE CONTRACTOR IS RESPONSIBLE FOR THIS RESULT AND TO TURN OVER THE PROJECT IN COMPLETE OPERATING CONDITION, IRRESPECTIVE OF WHETHER THE CONTRACT DOCUMENTS COVER EVERY INDIVIDUAL ITEM IN MINUTE DETAIL.
 3. ALL BUILDING LAYOUTS SHOULD BE BY A REGISTERED LAND SURVEYOR AFTER CONFIRMING THE PROPERTY CORNERS IN THE FIELD. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER PRIOR TO INITIATING CONSTRUCTION.



PROPOSED GRADING PLAN

SITE IMPROVEMENT

6881 SEPTEMBER BLVD., LONG GROVE, IL 60047

BCI
BONO CONSULTING, INC.
CIVIL ENGINEERS

1010 BUSSE HIGHWAY
PARK RIDGE, IL 60068
PH: (847) 823-3300
FAX: (847) 823-3303
bbono@bonoconsulting.com
DESIGN FIRM NO. 184.002379

PROJECT STAFF	ISSUE	REVISIONS	DATE
PROJECT MANAGER: W. HERRIN/PLE	1 PERMET DRAWINGS		01/12/2020
ENGINEER: D. MCDONALD	2 REVISION PER VALU COMMENTS		03/20/2020
ENGINEER:	3 REVISION PER CLIENTS COMMENTS		04/20/2021
TECHNICIAN:	4 REVISION PER VALU COMMENTS		05/10/2021

PROJECT NO.: 20263
BASE FILE:
SHEET FILE:
ISSUE DATE: SEPT. 14, 2020
SCALE: 1"=20'
SHEET NUMBER
C-2

COPYRIGHT: THIS DRAWING SHALL NOT BE USED, REPRODUCED, MODIFIED OR SOLD EITHER WHOLLY OR IN PART, EXCEPT WHEN AUTHORIZED IN WRITING BY THE ENGINEER.

March 24, 2022

Mr. Alex Dekhtyar
6881 September Boulevard
Long Grove, IL 60047

625 Forest Edge Drive, Vernon Hills, IL 60061

TEL 847.478.9700 ■ FAX 847.478.9701

www.gha-engineers.com

Re: 6881 September Boulevard / Lot 4 Lake Eleanora Estates
Proposed Grading Improvements
Engineering Re-Approval

Dear Mr. Dekhtyar:

We have completed our review of the revised documents submitted for the above referenced improvements. We are in receipt of the Engineering Plans showing proposed improvements prepared by Bono Consulting Inc., last revised February 1, 2021. All documents were received by our office February 28, 2022.

Based on our review, we approve the project as submitted with the following conditions:

1. Track-out is not allowed on September Boulevard at any time. Any track-out must be removed immediately.
2. All disturbed areas shall be stabilized with either topsoil, seed, and erosion control blanket (properly secured) and/or topsoil and sod. The site needs to be fully restored within 7 days of completion of construction and a full stand of grass should be established within 28 days from sod/seed placement.

Note: All restoration in the Conservancy Easement must meet the requirements and be approved by the Village's Conservancy & Scenic Corridor Committee.

3. Any pavement damage is to be repaired by the contractor to the satisfaction of the Homeowner's Association.
4. Our review did not include tree impact, landscaping, architectural or structural design.

During construction, the following inspections and approvals will be required by our office.

1. **Inspection and signoff of the initial Soil Erosion and Sediment Control Measures;** required prior to commencing land-disturbing activities. The construction access location and anticipated use needs to be defined at the pre-construction meeting.
2. **Site Observation after pipe is installed but before backfilling.** Please contact our office to determine the most beneficial time for this inspection.
3. **Review and approval of the Final As-Built Survey,** prepared by a licensed surveyor. (This needs to be submitted prior to the final site inspection.) Please also keep all restoration seed tags and submit them with the As-Built Survey to the Village.
4. **Final site inspection and signoff.**

Please call our office at **847-478-9700 to schedule the site inspections;** a minimum of 48-hours' notice is required.

If you have any questions regarding the above, please do not hesitate to call me at 847-821-6231 or email me at gperry@gha-engineers.com.

Sincerely,
Gewalt Hamilton Associates, Inc.




Geoffrey L. Perry, P.E.
Village Engineer

cc (via email): Ms. Margerita Romanello, Building Commissioner – Village of Long Grove
Mr. Ken Meek – GHA

VILLAGE OF LONG GROVE 3110 RFD OLD MCHENRY ROAD LONG GROVE, IL. 60047 PH: (847) 634-9440

FOR OFFICE USE- <i>do not fill</i>	STORMWATER APPLICATION PERMIT #: - -										
NAME & ADDRESS OF PROPERTY OWNER: Aleksandr Dekhtyar 6881 September BLVD Long Grove, IL 60047 Daytime Phone: (224) 805 6085 Fax: Email: dkhtyr@yahoo.com	NAME & ADDRESS OF ENGINEER/AGENT: Bono Consulting Inc. 1601 Bond St, Ste 305 Naperville, IL 60563 Daytime Phone: (331) 229 3512 Fax: Email: mwan@bonoconsulting.com	NAME & ADDRESS OF CERT. WETLAND SPECIALIST: Daytime Phone: Fax: Email:									
CHECK THE ONE CONDITION THAT APPLIES: <input type="checkbox"/> EXEMPT, WATERSHED DEVELOPMENT PERMIT NOT REQUIRED(IV.A.2*) <input checked="" type="checkbox"/> MINOR DEVELOPMENT (IV.A.,IV.B) <input type="checkbox"/> MAJOR DEVELOPMENT OUTSIDE THE FLOODPLAIN (IV.A,IV.B, IV.D, IV.G) <input type="checkbox"/> MAJOR DEVELOPMENT INSIDE THE FLOODPLAIN(IV.A, IV.B, IV.C, IV.D, IV.G) <input type="checkbox"/> PUBLIC ROAD DEVELOPMENT (IV.A, IV.F) <input type="checkbox"/> PUBLIC ROAD DEVELOPMENT IN THE FLOODPLAIN (APPENDIX E.J.2) <input type="checkbox"/> EXISTING CONDITIONS BFE ONLY (NO DEVELOPMENT) <input type="checkbox"/> SOIL EROSION AND SEDIMENT CONTROL REVIEW ONLY		CHECK ALL CONDITIONS THAT APPLY: <input type="checkbox"/> ISOLATED WETLAND IMPACT (IV.E) <input type="checkbox"/> REQUEST LETTER OF NO WETLAND IMPACT (LONI)(IV.E) <input type="checkbox"/> DEVELOPMENT IN A FLOODWAY (IV.C.3) <input type="checkbox"/> A FLOODPLAIN MAP REVISION OR AMENDMENT (IV.C.2.g, IV.C.3.d (8)) <input type="checkbox"/> WATERCOURSE WITH DRAINAGE AREA >20 ACRES AND < 100 ACRES (IV.A, IV.D) <input type="checkbox"/> WATERCOURSE WITH DRAINAGE AREA > 100 ACRES AND < 640 ACRES (IV.A, IV.D) <input type="checkbox"/> EARTH CHANGE APPROVAL (ECA)(IV.A.4.b) <input type="checkbox"/> VARIANCE REQUEST (V) <input type="checkbox"/> BFE OR FLOODWAY DETERMINATION (IV.C) <input type="checkbox"/> DESIGNATED EROSION CONTROL INSPECTOR REQUIRED (DECI REQUIRED) <input type="checkbox"/> HYDROLOGICALLY DISTURBS 5,000SF OR MORE <input type="checkbox"/> PRE-APPLICATION MEETING HELD : _____ (DATE)									
*Reference to Lake County Watershed Development Ordinance as approved by the Village of Long Grove Ord. 2006-0-30											
STORMWATER DATA SUMMARY		WETLAND DATA SUMMARY									
Total Property ownership	=	1.52	Acres	Existing Wetland Acreage	=						
Hydrologic Disturbance	=	0.59	Acres	Waters of the US	=						
Watershed Area Tributary to Development	=	3.36	Acres	Isolated Waters of Lake County	=						
Proposed Impervious Area	=	0	Acres	Impacted Wetland Acreage	=						
Existing impervious Area pre 1992	=		Acres	Waters of the US	=						
Existing Impervious Area post 1992	=	0.19	Acres	Isolated Waters of Lake County	=						
Site Impervious Area (pre 10/18/92)	=		Acres	Mitigation Replacement Ratio	=						
Detention Volume Required	=		Acre-Ft	Mitigation Acreage Required	=						
Compensatory Storage Required	=		Acre-Ft	Waters of the US	=						
Depressional	=	0.78	Acre-Ft	Isolated Waters of Lake County	=						
Riverine 0- 10 Year	=		Acre-Ft	On-Site	=						
Riverine 10-100 Year	=		Acre-Ft	Off-Site	=						
				Mitigation Bank	=						
				SMC Wetland Restoration Fund	=						
DESCRIPTION OF DEVELOPMENT: Relocate existing depression storage basin				NAME OF DEVELOPMENT Site improvement				SINGLE FAMILY HOME ONLY: Estimated Future Home Value:			
STREET ADDRESS: 6881 September BLVD				WATERSHED: Des Plaines River				SUB-WATERSHED: Indian Creek			
LEGAL DESCRIPTION:				PIN:				1401104009			
¼ section NW Section 1 Township 43N Range 10											

Approved Plans: Engineering Plans (2 Sheets) prepared by Bono Consulting, Inc., last revised February 1, 2021
 Approved by:


 March 24, 2022
 Geoffrey L. Perry, P.E.
 Enforcement Officer

LIST ALL LOCAL, STATE, AND FEDERAL PERMIT APPLICATION, OR APPROVAL LETTERS REQUIRED FOR DEVELOPMENT				
PERMIT TYPE	ISSUING AGENCY	PERMIT NUMBER	APPLICATION FILING DATE	PERMIT ISSUE DATE

UNDER PENALTY OF INTENTIONAL MISREPRESENTATION AND/OR PERJURY, I declare that I have examined and/or made this application and it is true and correct to the best of my knowledge and belief. I agree to construct said development with the permitted documents. I realize that the information that I have affirmed heron forms a basis for the issuance of the Stormwater Permit(s) herein applied for and approval of plans in connection therewith shall not be construed to permit any construction upon said premises or use thereof in violation of any provision of any applicable ordinance or to excuse the owner or his successors in title from complying therewith.

9/24/20

Signature of Property Owner, or Authorized Agent

Date

I CERTIFY that the plans/documents submitted for the above-reference development have been prepared under the supervision of a professional engineer or certified wetland specialist as appropriate

57227 9-25-20

Signature of Professional Engineer

PE#

Date

Signature of Certified Wetland Specialist

Signature of Certified Wetland Specialist

Date

Print Name of Engineer

Print Name of Certified Wetland Specialist

This Permit is subject to the following conditions:

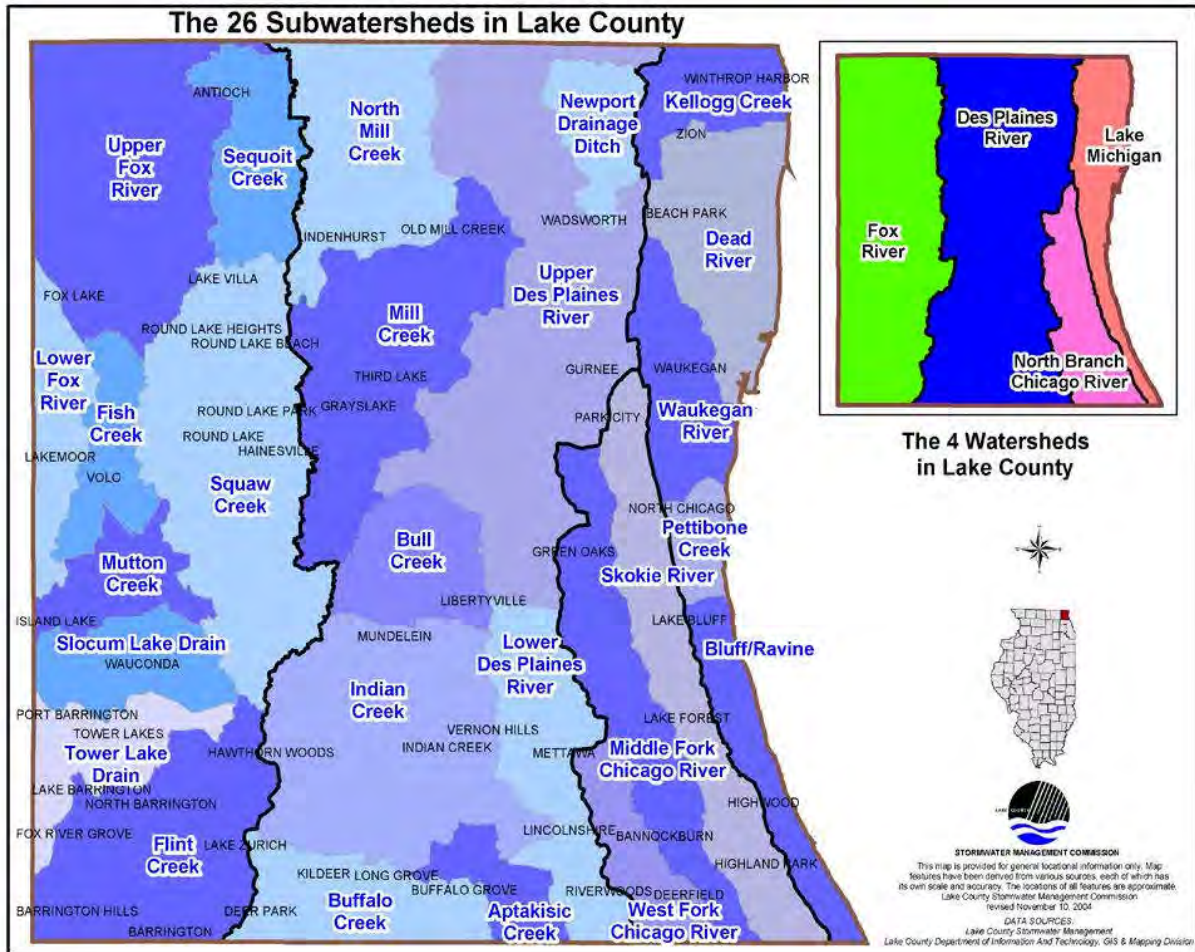
- (a) This permit does not convey title to the permittee or recognize title of the permittee to any submerged or emergent lands, and furthermore, does not convey, lease or provide any right of rights of occupancy or use of the public or private property on which the project or any part thereof will be located, or otherwise grant to the permittee any right or interest in or to the property, whether the property is owned or possessed by the County of Lake or by any private or public party or parties.
- (b) This permit does not release the permittee from liability for damage to persons or property resulting from this work covered by this permit, and does not authorize any injury to private property or invasion of private rights.
- (c) This permit does not relieve the permittee of the responsibility to obtain other federal, state or local authorizations required for the construction of the permitted activity; and if the permittee is required by law to obtain approval from any federal or state agency to do the work, this permit is not effective until those approvals are obtained.
- (d) The permittee shall, at their own expense, remove all temporary piling, cofferdams, false work, and material incidental to the construction of the project, from the floodprone area, river, stream or lake in which the work is done.
- (e) The execution and details of the work authorized shall be subject to the approval of the VILLAGE. VILLAGE representatives shall have right to access to accomplish this purpose.
- (f) Application for permit will be considered full acceptance by the permittee of the terms and conditions of the permit.
- (g) The VILLAGE, in issuing this permit has relied, upon the statements and representations made by the permittee; if any statement or representation made by the permittee is found to be false, the permit may be revoked at the option of the VILLAGE; and when a permit is revoked all rights of the permittee under the permit are voided.
- (h) If the project authorized by this permit is located in or along a meandered lake, the permittee and successors shall make no claim whatsoever to any interest in any accretions caused by the project.
- (i) In issuing this permit, the VILLAGE does not approve the adequacy of the design or structural strength of the structure or improvement.
- (j) Noncompliance with the conditions of this permit will be considered grounds for revocation.
- (k) If the work permitted is not completed within three years of the permit issuance date, this permit shall be void.

VILLAGE OF LONG GROVE 3110 RFD OLD MCHENRY ROAD LONG GROVE, IL. 60047 PH: (847) 634-9440

This permit is subject to further special conditions as follows:

PROVIDE PRIOR NOTIFICATION OF THE PRE-CONSTRUCTION MEETING TO THE VILLAGE (847) 634-9440 INSPECTOR FIVE WORKING DAYS BEFORE START OF CONSTRUCTION TO ENABLE VILLAGE ATTENDANCE.

PROVIDE AS-BUILT PLANS OF THE STORMWATER MANAGEMENT SYSTEM TO VILLAGE PRIOR TO FINAL SEEDING.



Date: 11/22/2020

Gilberto Quintero

Gilberto's Landscaping

4023 Rail RD

East Chicago IN 46312

(708)374-1063

Aleksandr Dekhtyar

6881 September Blvd

Long Grove IL 60047

Landscape restoration plan:

We will plant the following type of plants as on the approved plant list: Rudbeckia hirta (Black eyed susan), Rudbeckia subtomentosa (Showy black eyed Susan), Rudbeckia triloba (Brown eyed Susan). These species of wild flowers will be planted on the conservative easement area. The amount of these specimens will be 50 of each to total 150 flowers. This work will begin in the Spring of 2021.

Gilberto Quintero

Gilberto Quintero

Aleksandr Dekhtyar





 Subject Property

Location Map:
6881 September Boulevard, Long Grove, IL



CHAPTER 5. CONSERVANCY DISTRICTS, EASEMENTS, AND PROTECTED AREAS

7-5-1. General purpose.

The purpose of this chapter is to identify various easements and protected areas which are required or otherwise regulated by other provisions of this code and to establish various regulations which apply to some or all of these easements and protected areas.

In addition, it is the intent of this chapter to further the appropriate use and conservation of land and water resources, to protect the health and welfare of all present and future residents, not only of the village, but also of the surrounding areas, from the problems of erosion, flooding, sedimentation, water pollution, exhaustion of aquifers, stripping of forest cover and to guide development so as to make maximum use of the capabilities of the land, including preservation of green areas, open space, wildlife cover of locally endangered species of flora and fauna, and to avoid all possible damage to the natural environment and the ecology of the village. The village notes that in the greater Chicago metropolitan area this type of ecological community is fast disappearing.

(Ord. No. 2007-O-04, 4-24-2007)

7-5-2. Easements identified.

The following easements and protected areas are established, required, or regulated through various other provisions of this code:

- (A) *Lowland Conservancy District.* See section 7-5-3 of this chapter.
- (B) *Upland Conservancy District.* See section 7-5-4 of this chapter.
- (C) *Drainage and Detention Easements.* These easements are intended to provide adequate areas to ensure proper drainage through developments. See chapter 3 of this title as well as section 6-4-4 of this code.
- (D) *Public Utility Easements.* See section 6-4-4 of this code.
- (E) *Scenic Corridor Easements.* These easements are intended to provide scenic buffers between roads and developments. See subsection 6-4-4(C) of this code. A scenic corridor easement shall be depicted on each final plat of subdivision and each final plat of a planned unit development, and said easement shall constitute an easement in favor of the village of Long Grove, the terms of which are as follows:
 - 1. All significant native vegetation shall be preserved and maintained, and shall not be mowed, cultivated, sprayed or in any way disturbed.
 - 2. Nonnative vegetation may be excised, controlled, or destroyed, in accordance with the approved plans and specifications or with the prior written approval of the conservancy/scenic corridor easement committee (CSC).
 - 3. Existing woodlands and hedgerows within the scenic corridor shall not be destroyed.
 - 4. If no significant natural vegetation exists and where suitable topsoil is available, berms may be constructed in accordance with the approved plans and specifications for the subdivision or planned unit development. Nonnative flowering plants and evergreen trees may be utilized, if approved by the plan commission or the CSC. It is the intent that the vegetation, whether it be

native or otherwise, shall constitute a suitable screen between the development of the lot upon which the scenic corridor exists and the adjacent road right-of-way to ensure that visual evidence of human occupancy is minimal.

- (F) *Other Protected Areas.* The plan commission, in cooperation with developers, has employed as a planning tool woodland conservancy easements primarily in planned unit developments (PUD). These areas are designed to protect wooded lots to minimize the loss of or damage to trees and vegetation. On the final plat, each lot has delineated a building pad in which construction is permitted. Areas which are wooded and to be protected are designated as woodland conservancy. These areas are not to be disturbed except to the extent necessary to permit access from the right-of-way to the building pad. Similarly, other site specific protected areas have been established such as walking path easements and wildlife travel path easements. The various provisions which apply to these protected areas are generally found on the face of the final plat, the ordinance granting final PUD approval, and/or in the approved covenants and restrictions, such as in the Royal Melbourne PUD.

(Ord. No. 2007-O-04, 4-24-2007)

7-5-3. Lowland conservancy district.

- (A) *Specific Purpose.* The primary purpose of the lowland conservancy district is to preserve prime wetlands, aquifer recharge, soils with poor bearing capacity, wildlife areas, shorelands, flood control areas, floodplains, aesthetic areas, recreation and existing agricultural areas in floodplains. It shall be a primary objective that conservancy district areas remain in their natural undisturbed condition.
- (B) *Definition.* The "lowland conservancy district" shall be defined as the greater of all land lying below the highest flood of record as set forth in the hydrologic investigations, atlas series HA 208 Q 71, published by the U.S. geological survey, Washington, D.C.; the floodplain topographic maps of Buffalo Creek, Indian Creek and Kildeer Creek, prepared by U.S. department of agriculture, soil conservation service; or soil types as identified in the soil survey of Lake County, Illinois, published by the U.S. department of agriculture, in cooperation with the Illinois agricultural experiment station, or as these sources may be revised from time to time.
- (C) *Soil Types; Soil Legend Symbols.*
 1. *Soil Types.* Soil types included in the lowland conservancy district have the following characteristics:
 - (a) Seasonal water table at depth of less than two feet from the surface of the ground for a period of more than two months during the year.
 - (b) Soils classified as poorly to very poorly drained according to the USDA soil conservation service.
 - (c) Limitations severe enough to question the economic feasibility of these soils for urban development. Improper development of these soil areas will cause harmful effect to the public.
 2. *Soil Legend Symbols and Names.* The lowland conservancy district is classified by the following soil legend symbols and names, including, but not necessarily limited to:

Soil Legend Symbols	Soil Name
67	Harpster silty clay loam
103	Houghton muck
W103	Houghton muck, wet
107	Sawmill silty clay loam
153	Pella silty clay loam
232	Ashkum silty clay loam

330	Peotone silty clay loam
W330	Peotone silty clay loam, wet
465	Montgomery silty clay
513	Granby load fine sand

(D) *Permitted Uses.*

Agriculture as now practiced.

Flood overflow and movement of flood water.

Nature preserve.

Passive recreation such as nature trails.

Vegetation management for the perpetuation or restoration of native species.

Wilderness areas and wildlife refuges.

Wildlife management.

(E) *Procedure for Permitted Uses.* Permitted uses shall require a review and recommendation by the CSC and issuance of a permit by the village board. An application for a permitted use shall include sufficient detail to demonstrate that the permitted use will not:

1. Interfere with the flow or storage of floodwater;
2. Increase the runoff of the area;
3. Interfere with the absorption of ground water;
4. Present a potential pollution hazard to ground or surface water;
5. Disturb the natural ecology of the area.

(F) *Special Uses.*

Excavation of ponds.

Installation of dams.

Any other uses which can be demonstrated to be of clearly overriding public benefit and would not frustrate the purposes of this chapter.

(G) *Procedure for Special Use.* Application for a special use shall be made to the plan commission. If the plan commission makes a recommendation for the issuance of a special use permit, the village board may, if it deems it necessary or advisable, also require the review and recommendation of the CSC. An application for a special use shall include sufficient detail to demonstrate that the special use will not:

1. Interfere with the flow or storage of floodwater;
2. Increase the runoff of the area;
3. Interfere with the absorption of ground water;
4. Present a potential pollution hazard to ground or surface water;
5. Disturb the natural ecology of the area.

(H) *Prohibited Uses and Modification.*

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1. Disturbing of native vegetation. No native vegetation shall be removed, treated with herbicides, destroyed or otherwise damaged except where otherwise provided in this code.
 2. Floodway alteration.
 3. No manmade structures of any kind shall be constructed in the lowland conservancy except for necessary public improvements which are part of the approved plans and specifications for a subdivision or planned unit development or except as permitted by an approved special use.
 4. No materials shall be utilized or stored which shall have the potential for polluting either surface or ground water.
 5. The floodplain shall not be filled nor shall its grade be altered in any respect except as permitted by storm water management commission.

(Ord. No. 2007-O-04, 4-24-2007)

7-5-4. Upland conservancy district.

- (A) *Specific Purpose.* The primary intent of the upland conservancy district is to preserve woodlands, steep scenic lands, major recharge areas for existing aquifers, aesthetics of the area, recreation areas and areas of educational value, areas from potential ground water pollution; also to guide development away from soils having severe limitations. It shall be the objective that at all times the areas of significant forest cover and slopes in excess of 12 percent (seven degrees) remain as much as possible in their natural condition.
- (B) *Definition.* "Upland conservancy areas" shall mean those areas having the following characteristics:
1. A forest area with canopy trees six inches in diameter or greater measured at breast height (dbh) covering one-fourth acre or more, or a stand of eight or more trees with a cumulative dbh of eight inches or more. Canopy trees shall consist of the following species and their cultivars: American basswood, ash, beech, birch (paper), box elder, buckeye, cherry, cottonwood, elm, locust, hackberry, hickory, linden, maple, northern catalpa, oak, pine, walnut, willow. Where the canopy trees consist of more than 70 percent of the following species: box elder, silver maple, and/or black locust, then only half such area shall be considered in calculating the upland conservancy; or
 2. Areas with more than one-fourth acre having a slope greater than 12 percent (seven degrees), based on a field survey; or
 3. Areas of morley silt loam (194E) or morley silt loam eroded (194E2) greater than 12 percent (seven degrees), based on an on site field determination.
- (C) *Permitted Uses.*
- Forestry and wildlife management.
- Nature preserve.
- Passive recreation such as nature trails.
- Vegetation management for the perpetuation or restoration of native species.
- (D) *Prohibited Uses.* Forest cover, contours of the terrain, and general ecology of the area shall not be disturbed except as specifically permitted under the terms of this chapter.
- (E) *Reasonable Use Limitation.* In upland conservancy areas up to a maximum of 40 percent of the protected area on a given lot or parcel may be disturbed or otherwise utilized for the use and enjoyment of the owner provided that no less than 60 percent of the protected area shall be left undisturbed.
- (F) *Procedure for Each Proposed Subdivision or Planned Unit Development (PUD).*

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1. *Plan Commission Determination.* The plan commission shall examine the land and determine if any part of it falls within the classification of the upland conservancy district. The commission reasonably requires such topographic maps, aerial photographs, soil survey of Lake County, Illinois, as published by U.S. Department of Agriculture, or such other background material.
 2. *Plan Commission Examination of Property.* The plan commission, in conjunction with the developer, shall examine the property and determine the number and location of residential sites which the property can reasonably sustain without damage to its ecological integrity. The plan commission may, at its reasonable discretion, reduce the number of residential sites below that permitted by the basic underlying zoning classification if, in the opinion of the plan commission, such reduction is necessary to achieve the objectives of this classification.
 3. *Final Plat.* The final plat shall indicate specific residence locations (building pads) and shall bear the notation that no construction activity shall take place outside the designated sites.
 4. *Construction Fences Required.* Further, it shall be required during the period of construction that sufficient fences be erected and maintained to prevent all construction activity from infringing on the designated natural areas. It shall be the responsibility of the owner to see that such fences shall be maintained and such areas kept free of all construction activity for the entire duration of the construction period.
 5. *Minimum Lot Size.* For developments which contain all three upland conservancy characteristics (see subsection (B) of this section), each lot must be three acres or greater. All such lots shall have a building pad for the building, driveway, patios and other uses. Such pads shall not exceed 10,000 square feet on a three acre lot. As to each lot, an extra 500 square feet shall be permitted for each acre the lot exceeds three acres. The septic tank areas shall, where feasible, use widely spaced trenches to preserve the canopy trees, understory growth and ground cover. All on site disposal systems shall be type I aeration systems with a four-hour backup battery power source or the system most suitable for the specific site as determined by a licensed septic system designer and approved by the village building department or village engineer.
 6. *Afforestation.* If an upland conservancy area is disturbed, afforestation shall be required. Afforestation shall require the following for each 5,000 square feet of disturbed area:
 - (a) One three-inch native hardwood tree;
 - (b) Two two-inch native hardwood trees;
 - (c) Ten five-foot canopy or ornamental whips (bare root or potted);
 - (d) Ten three-foot shrubs (bare root or potted); and
 - (e) Ground cover - prairie mix or woodland flower and ground cover mix.
 - (f) If the trenching preserves large trees between the trenches, the amount of afforestation may be commensurately reduced.
 - (g) All afforestation plans shall be submitted to the CSC for review and recommendation and subsequent approval by the village board.

(Ord. No. 2007-O-04, 4-24-2007)

7-5-5. Soil classification survey.

For all new developments, such as, but not limited to, subdivisions or planned unit developments, as a condition precedent to preliminary approval, the developer shall furnish to the village a soil classification study of the entire development site clearly depicting all lowland or upland conservancy soils. The soil classification survey

shall be prepared by, or under the supervision and control of, an Illinois certified soil classifier, subject to the review and approval of the village engineer. The survey shall either classify soils on the entire site, or shall indicate the specific contours or boundaries of each soil type. The survey must be reasonably current and contain all necessary data.

(Ord. No. 2007-O-04, 4-24-2007)

7-5-6. Conservancy district encroachments.

- (A) When it is essential to the reasonable use of a lot or parcel that an improvement such as a driveway or utility line encroach upon or traverse a conservancy district, the location of the improvements shall be subject to the prior review and approval of the plan commission at time of final plat approval and be so delineated to the extent reasonably possible on the final plat.
- (B) If for some reason the encroachment was not identified and delineated by the plan commission during the final plat process, then such an encroachment may be thereafter permitted upon application of the owner, after review and upon recommendation of the CSC, and final approval by the village board. Encroachments shall be no greater than 20 feet wide and shall be located whenever possible to minimize the size of the encroachment.
- (C) Once the location and nature of these permitted encroachments are reviewed and approved by the plan commission or the CSC and final approval has been obtained, the configuration of the encroachment may be altered as reasonably necessary for the enjoyment of the lot subject to the prior review and recommendation of the CSC and subsequent approval of the village board subject to the following:
 1. The reconfiguration must be reasonably necessary for the reasonable use of the lot; and
 2. The reconfiguration must not result in an overall reduction of the square footage of the conservancy district; or
 3. The reconfiguration will result in other ecological benefits such as preservation of native vegetation such as a mature oak; or
 4. Such other conditions which the village board determines warrants the reconfiguration and the village board further finds that the reconfiguration will result in an overall enhancement to the ecology of the area.

(Ord. No. 2007-O-04, 4-24-2007)

7-5-7. Conservancy district buffer yards.

To protect the integrity of conservancy district areas it is necessary to establish buffer yards immediately adjacent thereto to regulate improvements. For the following uses, no such use shall be located within the following buffer yard setback areas immediately adjacent to conservancy district areas:

Use or Activity	Buffer Yard Setback Distance
Decks, aboveground pools, and all patios which cannot support a vehicle or which do not have at least 10 feet overhead clearance	10 feet
Foundations, building walls, and inground pools	20 feet
Patios which can support a vehicle and which do have at least 10 feet overhead clearance	4 feet

Septic tanks	10 feet
Tile fields	6 feet
Wells	12 feet

(Ord. No. 2007-O-04, 4-24-2007)

7-5-8. Burning.

Periodic burning of conservancy areas is encouraged when done in a safe manner and in accordance with applicable regulations. Persons desirous of burning conservancy areas should contact the village for recommended procedures and guidelines. CSC review and approval is not required for periodic burning.

(Ord. No. 2007-O-04, 4-24-2007)

7-5-9. Maintenance, renovation, restoration, and enhancement.

Management of conservancy district, drainage and detention easements, and scenic corridor easements areas are permitted and encouraged. Conservancy district and scenic corridor easement areas may be periodically maintained, renovated, and replanted only in accordance with the specific provisions which govern these areas. Woodland conservancy areas may be maintained, renovated, replanted, and enhanced using generally accepted forestry management methods subject to the prior review and approval of the CSC. Nonnative species may be removed, and protected areas may be replanted with native species but any such activities require the prior review of the CSC and final approval by the village board. Some areas which are designated conservancy district are of poor quality due to prior uses of the area such as various farming techniques or the existence of nonnative invasive or noxious vegetation. Consequently, no permit is required for the removal of nonnative invasive or noxious vegetation such as, but not limited to, Canada thistle, purple loosestrife, reed canary grass, buckthorn, teasel, garlic mustard, and those other such plants which are on the approved list for removal at the village hall.

(Ord. No. 2007-O-04, 4-24-2007)

7-5-10. Alteration of geographical boundaries or reclassification.

- (A) For all existing designated conservancy district easement areas as set forth in plats of subdivision or planned unit developments, there can be no subsequent modification except as herein provided. Amendments or deletions of the conservancy district areas will be considered by the village upon submittal by the property owner of a soil classification survey prepared by an Illinois certified soil classifier. If the survey establishes to the satisfaction of the village engineer, that all or portions of the conservancy district easement may be amended or deleted, the village engineer shall so report to the village board which may accept, modify, or reject the recommendation of the village engineer. The property owner shall be responsible for all professional expenses incurred by the village.
- (B) The geographical boundaries of scenic corridor easements are not subject to alteration except in those limited circumstances set forth in the specific sections dealing with these easements.
- (C) Drainage and detention easements are not subject to alteration unless it is shown to the satisfaction of the village board upon the recommendation of the village engineer that an engineering error was made and an alteration is necessary to permit adequate drainage.
- (D) Woodland conservancy easements which were established at the time of final plat approval may be shifted upon good cause shown to permit reasonable use of the lot upon which it is located, provided that the net

result is that the total square footage devoted to woodland conservancy and the total dbh of the trees protected thereby is not diminished as a result of the alteration of the conservancy boundaries. New plantings may be required to offset any tree losses resulting from such an alteration. All requests for alteration to the woodland conservancy shall be reviewed by the plan commission or the CSC, as specified in the code, which shall issue its recommendation to the village board for final action.

(Ord. No. 2007-O-04, 4-24-2007)

7-5-11. Final plat easements.

All easements, conservancy districts, and other protected areas shall be depicted on the final plat for each subdivision and planned unit development. The first page of each such plat shall list the names of each type of easement, conservancy district or protected area within the development and include a reference to the page of the final plat where the easement, conservancy district, or protected area is defined. The easement, conservancy district, or protected area shall be perpetual easements in favor of the village of Long Grove and the lot owners within the respective subdivision or planned unit development subject to the applicable provisions of this chapter.

(Ord. No. 2007-O-04, 4-24-2007)

7-5-12. Signage required.

All lots that are impressed with conservancy district easements, woodland conservancy easements and/or scenic corridor easements shall, prior to the time of issuance of a building permit, and before any construction begins, be posted by the owner on four-inch by four-inch treated posts three feet in the ground and extending three feet above the ground at locations designated by the building superintendent with signs provided by the village. These signs shall be maintained at all times by the owner of the lot. The signs shall indicate in substance to all persons that the easement areas are not to be disturbed.

(Ord. No. 2007-O-04, 4-24-2007)

7-5-13. Fencing.

Subject to the prior review and approval of the CSC, rustic fences shall be permitted in conservancy district, scenic corridor, and woodland conservancy easements where congruent with lot lines to preserve area and foster greater privacy. The petitioner must demonstrate that:

- (A) The fence would protect the area from vehicles or other disturbances; or
- (B) The fence would help to preserve unusual feature of area; or
- (C) The fence would foster privacy and safety for natural wildlife or vegetation.

(Ord. No. 2007-O-04, 4-24-2007)

7-5-14. Conflict.

In the event of a conflict between the provisions of this chapter and those of any other section of this code, the more stringent provision shall govern.

(Ord. No. 2007-O-04, 4-24-2007)



3110 RFD • Long Grove, IL 60047-9635
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NATIVE PLANT LIST FOR CONSERVANCY AND SCENIC COORIDOR AREAS

This is a list of many of the plants that are native to the northern Illinois area. They are plants that have evolved to survive Illinois hot, dry summers and or occasional 23 degrees below zero winters. Some of the native trees, shrubs, and flowers you are probably familiar with already. The oaks, sugar maple, black-eyed Susan, and coneflowers are just a few. Once native plants are established, there needs are few:

Native plants will:

- Enhance the rural atmosphere of Long Grove
- Provide seasonal color including winter interest
- Provide good habitats for a variety of wildlife
- Require low maintenance and no weekly mowing
- Need little watering once established because their root systems go deep into our heavy clay soil
- Deep root systems provide a good drainage system during heavy rains.

The members of the Conservancy / Scenic Corridor Committee (CSCC) are Long Grove residents appointed by the Village Board to assist residents who have an interest in restoration of their prairie, woodland or pond conservancies and scenic corridor areas. We are all volunteers with an interest in maintaining the rural character of long Grove.

We help with selection of native plant material, work with you and/or your landscaper on the correct methods of restoration, provide resource catalogs and information on both seeds and plan materials. If the plan material you want to use is not on the list, please check with the Committee. Not every native plant could be listed here.

A list of some nurseries that sell native plant materials is available at the Village Office. Seeds and plant materials listed are available from at least one of the following sources.

Prairie Nursery

PO Box 306
Westfield, WI 53964
800-476-9453
<https://www.prairienursery.com>

Possibility Place Nursery (trees & shrubs)

7548 Monee Manhattan
Monee, IL 60449
708-534-3988
<https://www.possibilityplace.com>

Prairie Moon Nursery

Route 3
Box 163
Winona, MN 55987-9515
507-452-1362
<https://www.prairiemoon.com>

Spence Restoration Nursery (wholesale only)

PO Box 456
2220 East Fuson Road
Muncie, IN 47308
765-286-7154
<http://www.spencenursery.com>

NATIVE WOODLAND FLOWERS FOR CONSERVANCY

The plant's scientific (Latin) name must be used in identifying plants. Common names are confusing. Several plants may be called by the same common name. If you have any questions about the Latin names, contact the Conservancy committee.

<i>Actaea pachypoda</i>	White baneberry	<i>Hepatica acutiloba</i>	Sharp lobed hepatica
<i>Actaea rubra</i>	Red baneberry	<i>Heracleum maximum</i>	Cow parsnip
<i>Allium canadense</i>	Wild Onion	<i>Impatiens pallida</i>	Pale jewelweed
<i>Allium cernuum</i>	Wild Nodding onion	<i>Iris virginica</i>	Blue flag iris
<i>Allium tricoccum</i>	Leek	<i>Jeffersonia diphylla</i>	Twinleaf
<i>Amorpha canescens</i>	Lead plant	<i>Lobelia inflata</i>	Indian tobacco
<i>Anemone virginiana</i>	Tall Anemone	<i>Mertensia virginica</i>	Virginia bluebells
<i>Anemonella thalictroides</i>	Rue Anemone	<i>Mitella diphylla</i>	Bishop's cap
<i>Antennaria plantaginifolia</i>	Pussytoes	<i>Monotropa uniflora</i>	Indian pi
<i>Aquilegia canadensis</i>	Wild Columbine	pe	
<i>Arisaema atrorubens</i>	Jack in the pulpit	<i>Osmorhiza claytoni</i>	Hairy sweet cicely
<i>Asarum canadense</i>	Wild ginger	<i>Penstemon Calycosus</i>	Smooth beardtongue
<i>Aster laevis</i>	Smooth blue aster	<i>Penstemon digitalis</i>	Foxglove beardtongue
<i>Aster macrophyllus</i>	Big-leaved aster	<i>Penstemon pallidus</i>	Pale beardtongue
<i>Aster sagittifolius</i>	Arrow-leaved aster	<i>Phlox divaricata</i>	Woodland phlox
<i>Aster shortii</i>	Short's aster	<i>Podophyllum peltatum</i>	Mayapple
<i>Blephilia hirsuta</i>	Horse mint	<i>Polemonium reptans</i>	Jacob's ladder
<i>Campanula americana</i>	Tall bellflower	<i>Prenanthes alba</i>	White lettuce
<i>Caulophyllum thalictroides</i>	Blue cohosh	<i>Ranunculus septentrionalis</i>	Swamp buttercup
<i>Claytonia virginica</i>	Spring beauty	<i>Rudbeckia laciniata</i>	Green-headed coneflower
<i>Dentaria laciniata</i>	Cut-leaved toothwort	<i>Sanguinaria canadensis</i>	Bloodroot
<i>Desmodium glutinosum</i>	Pointed tick trefoil	<i>Sanicula gregaria</i>	Black snakeroot
<i>Dicentra cucullaria</i>	Dutchman's breeches	<i>Silene nivea</i>	Snow campion
<i>Dodecatheon meadii</i>	Shooting star	<i>Silene virginica</i>	Pink Fire
<i>Drythronium albidum</i>	White trout lily	<i>Smilacina racemosa</i>	Feathery false solomon seal
<i>Eupatorium purpureum</i>	Joe-pye-weed	<i>Smilacina stellata</i>	Starry false solomon seal
<i>Eupatorium rugosum</i>	White snakeroot	<i>Solidago flexicaulis</i>	Broad-leaved goldenrod
<i>Fragaria virginiana</i>	Wild strawberry	<i>Solidago speciosa</i>	Showy goldenrod
<i>Geranium maculatum</i>	Wild geranium	<i>Solidago ulmifolia</i>	Elm-leaved goldenrod
<i>Gelianthus divaricatus</i>	Woodland Sunflower	<i>Tanacetum vulgare</i>	Tansy
		<i>Thalictrum dioicum</i>	Early meadow rue
		<i>Tradescantia ohiensis</i>	Common spiderwort
		<i>Trillium cernuum macranthum</i>	Nodding trillium
		<i>Trillium grandiflorum</i>	Large-flowered trillium
		<i>Trillium recurvatum</i>	Prairie trillium
		<i>Uvularia grandiflora</i>	Bellwort
		<i>Viola pensylvanica</i>	Smooth yellow violet

NATIVE PRAIRIE FLOWERS FOR CONSERVANCY

The plant's scientific (Latin) name must be used in identifying plants. Common names are confusing. Several plants may be called by the same common name. If you have any questions about the Latin names, contact the conservancy committee.

<i>Acorus calamus</i>	Sweetflag	<i>Monarda punctata</i>	Horse Mint
<i>Actaea pachypoda</i>	White baneberry	<i>Pathenium integrifolium</i>	Wild quinine
<i>Actaea rubra</i>	Red baneberry	<i>Penstemon digitalis</i>	Foxglove beardtongue
<i>Aquilegia canadensis</i>	Wild Columbine	<i>Penstemon grandifloras</i>	Lg. flowered beardtongue
<i>Allium cernuum</i>	Wild nodding onion	<i>Petalostemum candidum</i>	White prairie clover
<i>Amorpha canescens</i>	Lead Plant	<i>Petalostemum purpureum</i>	Purple prairie clover
<i>Aster azureus</i>	Sky blue aster	<i>Phlox divaricate</i>	Woodland phlox
<i>Anemone patens</i>	Pasque flower	<i>Plox pilosa</i>	Prairie phlox
<i>Asclepias incarnata</i>	Swamp milkweed	<i>Psystegia virginiana</i>	False dragonhead
<i>Asclepias tuberosa</i>	Butterfly weed	<i>Polygonatum</i>	
<i>Aster ericoides</i>	Health aster	<i>canaliculatum</i>	Smooth Solomon seal
<i>Aster linariifolius</i>	Flax-leaved aster	<i>Potentilla arguta</i>	Prairie cinquefoil
<i>Aster novae-angliae</i>	New England aster	<i>Pycnanthemum</i>	
<i>Aster pilosus</i>	Hairy aster	<i>virginianum</i>	Common Mt. mint
<i>Aster ptarmicoides</i>	Stiff aster	<i>Ratibida pinnata</i>	Yellow coneflower
<i>Astragalus canadensis</i>	Canadian milk-vetch	<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Baptisia leucantha</i>	White wild indigo	<i>Rudbeckia subtomentosa</i>	Showy black-eyed Susan
<i>Cacalia atriplicifolia</i>	Pale Indian plantain	<i>Rudbeckia triloba</i>	Brown-eyed Susan
<i>Cacalia tuberosa</i>	Prairie Indian plantain	<i>Silphium integrifolium</i>	Rosinweed
<i>Campanula americana</i>	Tall bellflower	<i>Silphium laciniatum</i>	Compass plant
<i>Cassia fasciculata</i>	Partridge pea	<i>Silphium</i>	
<i>Coreopsis lanceolata</i>	Sand coreopsis	<i>terebinthaceum</i>	Prairie dock
<i>Coreopsis tripteris</i>	Tall coreopsis	<i>Solidago graminifolia</i>	Grass-leaved goldenrod
<i>Dodecatheon meadii</i>	Shooting star	<i>Solidago juncea</i>	Early goldenrod
<i>Echinacea pallida</i>	Pale purple coneflower	<i>Solidago ohioensis</i>	Ohio goldenrod
<i>Eryngium yuccifolium</i>	Rattlesnake master	<i>Solidago riddellii</i>	Riddell's goldenrod
<i>Eupatorium maculatum</i>	Spotted Joe-Pye weed	<i>Solidago rigida</i>	Stiff goldenrod
<i>Eupatorium purpureum</i>	Purple Joe-Pye weed	<i>Solidago speciosa</i>	Showy goldenrod
<i>Eupatorium serotinum</i>	Late boneset	<i>Thalictrum dasycarpum</i>	Purple meadow rue
<i>Gentiana andrewsii</i>	Bottle gentian	<i>Tradescantia obiensis</i>	Common spiderwort
<i>Helenium autumnale</i>	Sneezeweed	<i>Verbena hastata</i>	Blue vervain
<i>Helianthus grosseserratus</i>	Sawtooth sunflower	<i>Verbena stricta</i>	Hoary vervain
<i>Helianthus mollis</i>	Downy sunflower	<i>VERNONIA fasciculata</i>	Common ironweed
<i>Helianthus occidentalis</i>	Western sunflower	<i>Veronicastrum virginicum</i>	Culver's root
<i>Helianthus strumosus</i>	Pale leaved sunflower	<i>Viola pedatifida</i>	Prairie violet
<i>Heliopsis helianthoides</i>	False sunflower	<i>Zizia aptera</i>	Heart-leaved Alexanders
<i>Iris virginica</i>	Blue flag iris	<i>Zizia aurea</i>	Golden Alexanders
<i>Kuhnia eupatorioides</i>	False boneset		
<i>Lespedeza capitata</i>	Roundheaded bushclover		
<i>Liatis aspera</i>	Rough blazing star		
<i>Liatis psycnostachya</i>	Prairie blazing star		
<i>Liatis spicata</i>	Marsh blazing star		
<i>Lithospermum canescens</i>	Hoary puccoon		
<i>Lobelia cardinalis</i>	Cardinal flower		
<i>Lobelia siphilitica</i>	Great blue lobelia		
<i>Monarda fistulosa</i>	Wild bergamont–Bee balm		

NATIVE TREES FOR CONSERVANCY

The plant's scientific (Latin) name must be used in identifying plants. Common names are confusing. Several plants may be called by the same common name. If you have any questions about the Latin names, contact the conservancy committee.

<i>Acer nigrum</i>	Black maple	<i>Gleditsia triacanthos</i>	Honey locust
<i>Acer saccharum</i>	Sugar maple	<i>Gymnocladus dioica</i>	Kentucky coffeetree
<i>Aesculus glabra</i>	Ohio buckeye	<i>Juglans cinerea</i>	Butternut
<i>Amelanchier arborea</i>	Sandbush Serviceberry	<i>Juglans nigra</i>	Black walnut
<i>Amelanchier laevis</i>	Alleghany Serviceberry	<i>Ostrya virginiana</i>	Hop hornbeam
<i>Betula nigra</i>	River birch	<i>Platanus occidentalis</i>	Sycamore
<i>Carpinus caroliniana</i>	American hornbeam	<i>Populus grandidentata</i>	Lg. toothed aspen
<i>Carya cordiformis</i>	Bitternut hickory	<i>Populus tremuloides</i>	Quacking aspen
<i>Carya glabra</i>	Pignut Hickory	<i>Prunus americana</i>	Wild plum
<i>Carya ovata</i>	Shagbark hickory	<i>Pyrus ioensis</i>	Iowa crab
<i>Castanea dentata</i>	American chestnut	<i>Quercus alba</i>	White oak
<i>Crataegus calipodendrom</i>	Sugar hawthorn	<i>Quercus bicolor</i>	Swamp white oak
<i>Crataegus coccinea</i>	Scharlet hawthorn	<i>Quercus ellipsoidalis</i>	Hill's oak
<i>Crataegus crus-galli</i>	Cockspur hawthorn	<i>Quercus imbricaria</i>	Shingle oak
<i>Crataegus macrosperma</i>	Lg. seeded hawthorn	<i>Quercus macrocarpa</i>	Bur oak
<i>Crataegus mollis</i>	Downy hawthorn	<i>Quercus muhlenbergii</i>	Chinquapin oak
<i>Crataegus pruinosa</i>	Frosted hawthorn	<i>Quercus palustris</i>	Pin oak
<i>Crataegus punctata</i>	Dotted hawthorn	<i>Quercus rubra</i>	Red oak
<i>Crataegus rotundifolis</i>	Round leafed hawthorn	<i>Quercus velutina</i>	Black oak
<i>Crataegus succulenta</i>	Fleshy hawthorn	<i>Salix amygdaloides</i>	Peach-leaved willow
<i>Fraxinus americana</i>	White ash	<i>Salix bebbiana</i>	Bebb's willow
<i>Fraxinus nigra</i>	Black ash	<i>Salix discolor</i>	Pussy willow
<i>Fraxinus pennsylvanica</i>	Green ash	<i>Tilia americana</i>	Basswood
<i>Fraxinus quadrangulate</i>	Blue ash	<i>Ulmus americana</i>	American elm

NATIVE PRAIRIE GRASSES

<i>Andropogon gerardi</i>	Big blue stem
<i>Bouteloua curtipendula</i>	Sideoats grama
<i>Koeleria macrantha</i>	June grass
<i>Panicum virgatum</i>	Switch grass
<i>Schizachyrium scoparium</i>	Little blue stem
<i>Sorghastrum nutans</i>	Indian grass
<i>Spartina pectinata</i>	Prairie cord grass
<i>Sporobolus heterolepis</i>	Prairie dropseed

NATIVE SHRUBS FOR CONSERVANCY

The plant's scientific (Latin) name must be used in identifying plants. Common names are confusing. Several plants may be called by the same common name. If you have any questions about the Latin names, contact the conservancy committee.

<i>Alnus rugosa</i>	Speckled Adler
<i>Amorpha fruticosa</i>	Indigobush
<i>Cephalanthus occidentalis</i>	Buttonbush
<i>Ceanothus americanus</i>	New Jersey tea
<i>Cercis canadensis</i>	Redbud
<i>Cornus alternifolia</i>	Pagoda dogwood/Alternate leafed Dogwood
<i>Cornus obliqua</i>	Blue-fruited Dogwood
<i>Cornus racemosa</i>	Grey Dogwood
<i>Cornus stolonifera</i>	Red-osier Dogwood
<i>Corylus americana</i>	American Hazelnut / Filbert
<i>Dirca palustris</i>	Leatherwood
<i>Euonymus atropurpureus</i>	Burning Bush
<i>Hamamelis virginiana</i>	Which Hazel
<i>Ilex verticillata</i>	Winterberry
<i>Lonicera prolifera</i>	Yellow Honeysuckle
<i>Physocarpus opulifolius</i>	Ninebark
<i>Rosa setigera</i>	Illinois Prairie Rose
<i>Rosa Carolina</i>	Pasture Rose
<i>Rhus glabra</i>	Smooth Sumac
<i>Rhus typhina</i>	Staghorn sumac
<i>Salix humulis</i>	Prairie Willow
<i>Sambucus canadensis</i>	Elderberry
<i>Spirea alba</i>	Meadow Sweet
<i>Staphylea trifolia</i>	Bladdernut
<i>Viburnum acerifolium</i>	Arrowwood Viburnum
<i>Viburnum lentago</i>	Nannyberry Viburnum
<i>Viburnum prunifolium</i>	Blackhaw Viburnum
<i>Viburnum rafinesquianum</i>	Downy Arrowwood Viburnum
<i>Viburnum recognitum</i>	Smooth Arrowwood Viburnum
<i>Viburnum trilobum</i>	High Bush Cranberry Viburnum

NATIVE WETLAND PLANTS

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POND EDGES, MARSH – EMERGENT 4" TO 18" OF WATER

<i>Brasenia schreberi</i>	Water shield
<i>Caltha palustris</i>	Marsh marigold
<i>Ceratophyllum demersum</i>	Coontail
<i>Elodea canadensis</i>	Common waterweed
<i>Elodea nuttallii</i>	Slender waterweed
<i>Lemna minor</i>	Small duckweed
<i>Lemna perpusilla</i>	Least duckweed
<i>Myriophyllum exalbescens</i>	Spiked water milfoil
<i>Myriophyllum heterophyllum</i>	Various leaved water milfoil
<i>Myriophyllum verticillatum</i>	Whorled water milfoil
<i>Nuphar advena</i>	Spatterdock
<i>Nuphar variegatum</i>	Pond lily
<i>Nymphaea tuberosa</i>	Fragrant water lily
<i>Plantago cordata</i>	Heart leaved plantain
<i>Potamogeton</i>	(Most species OK)
<i>Ranunculus longirostris</i>	White water crowfoot
<i>Ranunculus trichophyllus</i>	White water buttercup
<i>Sagittaria latifolia</i>	Common arrowhead
<i>Spiradela polyrhiza</i>	Great duckweed
<i>Wolffia columbiana</i>	Common water meal
<i>Wolffiapunctata</i>	Dotted water meal

DAMP / WET PRAIRIE, SEDGE MEADOW, AND OFTEN WET FLOOD PLAINS

<i>Alnus rugose americana</i>	Speckled alder
<i>Asclepias incarnata</i>	Swamp milkweed
<i>Aster puniceus</i>	Swamp aster
<i>Aster novae-angliae</i>	New England aster
<i>Calamagrostis canadensis</i>	Blue joint grass
<i>Carex</i>	(Most species OK)
<i>Cephalantus occidentalis</i>	Buttonbush
<i>Cornus stolonifera</i>	Red osier dogwood
<i>Elymus virginicus</i>	Virginia wild eye
<i>Eupatorium maculatum</i>	Spotted Joe-Pye weed
<i>Liatris spicata</i>	Marsh blazing star
<i>Lobelia cardinalis</i>	Cardinal flower
<i>Lobelia siphilitica</i>	Great blue lobelia
<i>Onoclea sensibilis</i>	Sensitive fern
<i>Solidago patula</i>	Swamp goldenrod
<i>Solidago gigantea</i>	Late goldenrod
<i>Spartina pectinata</i>	Cord grass
<i>Symplocarpus foetidus</i>	Skunk cabbage
<i>Zizia aurea</i>	Golden Alexander

Other Business



3110 RFD • Long Grove, IL 60047-9635
Phone (847) 634-9440 • Fax (847) 634-9408

NATIVE PLANT LIST FOR CONSERVANCY AND SCENIC COORIDOR AREAS

This is a list of many of the plants that are native to the northern Illinois area. They are plants that have evolved to survive Illinois hot, dry summers and or occasional 23 degrees below zero winters. Some of the native trees, shrubs, and flowers you are probably familiar with already. The oaks, sugar maple, black-eyed Susan, and coneflowers are just a few. Once native plants are established, there needs are few:

Native plants will:

- Enhance the rural atmosphere of Long Grove
- Provide seasonal color including winter interest
- Provide good habitats for a variety of wildlife
- Require low maintenance and no weekly mowing
- Need little watering once established because their root systems go deep into our heavy clay soil
- Deep root systems provide a good drainage system during heavy rains.

The members of the Conservancy / Scenic Corridor Committee (CSCC) are Long Grove residents appointed by the Village Board to assist residents who have an interest in restoration of their prairie, woodland or pond conservancies and scenic corridor areas. We are all volunteers with an interest in maintaining the rural character of long Grove.

We help with selection of native plant material, work with you and/or your landscaper on the correct methods of restoration, provide resource catalogs and information on both seeds and plan materials. If the plan material you want to use is not on the list, please check with the Committee. Not every native plant could be listed here.

A list of some nurseries that sell native plant materials is available at the Village Office. Seeds and plant materials listed are available from at least one of the following sources.

Prairie Nursery

PO Box 306
Westfield, WI 53964
800-476-9453
<https://www.prairienursery.com>

Possibility Place Nursery (trees & shrubs)

7548 Monee Manhattan
Monee, IL 60449
708-534-3988
<https://www.possibilityplace.com>

Prairie Moon Nursery

Route 3
Box 163
Winona, MN 55987-9515
507-452-1362
<https://www.prairiemoon.com>

Spence Restoration Nursery (wholesale only)

PO Box 456
2220 East Fuson Road
Muncie, IN 47308
765-286-7154
<http://www.spencenursery.com>

NATIVE WOODLAND FLOWERS FOR CONSERVANCY

The plant's scientific (Latin) name must be used in identifying plants. Common names are confusing. Several plants may be called by the same common name. If you have any questions about the Latin names, contact the Conservancy committee.

Actaea pachypoda	White baneberry	Hepatica acutiloba	Sharp lobed hepatica
Actaea rubra	Red baneberry	Heracleum maximum	Cow parsnip
Allium canadense	Wild Onion	Impatiens pallida	Pale jewelweed
Allium cernuum	Wild Nodding onion	Iris virginica	Blue flag iris
Allium tricoccum	Leek	Jeffersonia diphylla	Twinleaf
Amorpha canescens	Lead plant	Lobelia inflata	Indian tobacco
Anemone virginiana	Tall Anemone	Mertensia virginica	Virginia bluebells
Anemonella thalictroides	Rue Anemone	Mitella diphylla	Bishop's cap
Antennaria plantaginifolia	Pussytoes	Monotropa uniflora	Indian pi
Aquilegia canadensis	Wild Columbine	pe	
Arisaema atrorubens	Jack in the pulpit	Osmorhiza claytoni	Hairy sweet cicely
Asarum canadense	Wild ginger	Penstemon Calycosus	Smooth beardtongue
Aster laevis	Smooth blue aster	Penstemon digitalis	Foxglove beardtoungeue
Aster macrophyllus	Big-leaved aster	Penstemon pallidus	Pale beardtongue
Aster sagittifolius	Arrow-leaved aster	Phlox divaricata	Woodland phlox
Aster shortii	Short's aster	Podophyllum peltatum	Mayapple
Blephilia hirsuta	Horse mint	Polemonium reptans	Jacob's ladder
Campanula americana	Tall bellflower	Prenanthes alba	White lettuce
Caulophyllum thalictroides	Blue cohosh	Ranunculus septentrionalis	Swamp buttercup
Claytonia virginica	Spring beauty	Rudbeckia laciniata	Green-headed coneflower
Dentaria laciniata	Cut-leaved toothwort	Sanguinaria canadensis	Bloodroot
Desmodium glutinosum	Pointed tick trefoil	Sanicula gregaria	Black snakeroot
Dicentra cucullaria	Dutchman's breeches	Silene nivea	Snow campion
Dodecatheon meadii	Shooting star	Silene virginica	Pink Fire
Drythronium albidum	White trout lily	Smilacina racemosa	Feathery false solomon seal
Eupatorium purpureum	Joe-pye-weed	Smilacina stellata	Starry false solomon seal
Eupatorium rugosum	White snakeroot	Solidago flexicaulis	Broad-leaved goldenrod
Fragaria virginiana	Wild strawberry	Solidago speciosa	Showy goldenrod
Geranium maculatum	Wild geranium	Solidago ulmifolia	Elm-leaved goldenrod
Gelianthus divaricatus	Woodland Sunflower	Tanacetum vulgare	Tansy
		Thalictrum dioicum	Early meadow rue
		Tradescantia ohiensis	Common spiderwort
		Trillium cernuum macranthum	Nodding trillium
		Trillium grandiflorum	Large-flowered trillium
		Trillium recurvatum	Prairie trillium
		Uvularia grandiflora	Bellwort
		Viola pensylvanica	Smooth yellow violet

NATIVE PRAIRIE FLOWERS FOR CONSERVANCY

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<i>Acorus calamus</i>	Sweetflag	<i>Monarda punctata</i>	Horse Mint
<i>Actaea pachypoda</i>	White baneberry	<i>Pathenium integrifolium</i>	Wild quinine
<i>Actaea rubra</i>	Red baneberry	<i>Penstemon digitalis</i>	Foxglove beardtongue
<i>Aquilegia canadensis</i>	Wild Columbine	<i>Penstemon grandifloras</i>	Lg. flowered beardtongue
<i>Allium cernuum</i>	Wild nodding onion	<i>Petalostemum candidum</i>	White prairie clover
<i>Amorpha canescens</i>	Lead Plant	<i>Petalostemum purpureum</i>	Purple prairie clover
<i>Aster azureus</i>	Sky blue aster	<i>Phlox divaricate</i>	Woodland phlox
<i>Anemone patens</i>	Pasque flower	<i>Plox pilosa</i>	Prairie phlox
<i>Asclepias incarnata</i>	Swamp milkweed	<i>Psystegia virginiana</i>	False dragonhead
<i>Asclepias tuberosa</i>	Butterfly weed	<i>Polygonatum</i>	
<i>Aster ericoides</i>	Health aster	<i>canaliculatum</i>	Smooth Solomon seal
<i>Aster linariifolius</i>	Flax-leaved aster	<i>Potentilla arguta</i>	Prairie cinquefoil
<i>Aster novae-angliae</i>	New England aster	<i>Pycnanthemum</i>	
<i>Aster pilosus</i>	Hairy aster	<i>virginianum</i>	Common Mt. mint
<i>Aster ptarmicoides</i>	Stiff aster	<i>Ratibida pinnata</i>	Yellow coneflower
<i>Astragalus canadensis</i>	Canadian milk-vetch	<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Baptisia leucantha</i>	White wild indigo	<i>Rudbeckia subtomentosa</i>	Showy black-eyed Susan
<i>Cacalia atriplicifolia</i>	Pale Indian plantain	<i>Rudbeckia triloba</i>	Brown-eyed Susan
<i>Cacalia tuberosa</i>	Prairie Indian plantain	<i>Silphium integrifolium</i>	Rosinweed
<i>Campanula americana</i>	Tall bellflower	<i>Silphium laciniatum</i>	Compass plant
<i>Cassia fasciculata</i>	Partridge pea	<i>Silphium</i>	
<i>Coreopsis lanceolata</i>	Sand coreopsis	<i>terebinthaceum</i>	Prairie dock
<i>Coreopsis tripteris</i>	Tall coreopsis	<i>Solidago graminifolia</i>	Grass-leaved goldenrod
<i>Dodecatheon meadii</i>	Shooting star	<i>Solidago juncea</i>	Early goldenrod
<i>Echinacea pallida</i>	Pale purple coneflower	<i>Solidago ohioensis</i>	Ohio goldenrod
<i>Eryngium yuccifolium</i>	Rattlesnake master	<i>Solidago riddellii</i>	Riddell's goldenrod
<i>Eupatorium maculatum</i>	Spotted Joe-Pye weed	<i>Solidago rigida</i>	Stiff goldenrod
<i>Eupatorium purpureum</i>	Purple Joe-Pye weed	<i>Solidago speciosa</i>	Showy goldenrod
<i>Eupatorium serotinum</i>	Late boneset	<i>Thalictrum dasycarpum</i>	Purple meadow rue
<i>Gentiana andrewsii</i>	Bottle gentian	<i>Tradescantia obiensis</i>	Common spiderwort
<i>Helenium autumnale</i>	Sneezeweed	<i>Verbena hastata</i>	Blue vervain
<i>Helianthus grosseserratus</i>	Sawtooth sunflower	<i>Verbena stricta</i>	Hoary vervain
<i>Helianthus mollis</i>	Downy sunflower	<i>VERNONIA fasciculata</i>	Common ironweed
<i>Helianthus occidentalis</i>	Western sunflower	<i>Veronicastrum virginicum</i>	Culver's root
<i>Helianthus strumosus</i>	Pale leaved sunflower	<i>Viola pedatifida</i>	Prairie violet
<i>Heliopsis helianthoides</i>	False sunflower	<i>Zizia aptera</i>	Heart-leaved Alexanders
<i>Iris virginica</i>	Blue flag iris	<i>Zizia aurea</i>	Golden Alexanders
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<i>Lithospermum canescens</i>	Hoary puccoon		
<i>Lobelia cardinalis</i>	Cardinal flower		
<i>Lobelia siphilitica</i>	Great blue lobelia		
<i>Monarda fistulosa</i>	Wild bergamont–Bee balm		

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<i>Acer saccharum</i>	Sugar maple	<i>Gymnocladus dioica</i>	Kentucky coffeetree
<i>Aesculus glabra</i>	Ohio buckeye	<i>Juglans cinerea</i>	Butternut
<i>Amelanchier arborea</i>	Sandbush Serviceberry	<i>Juglans nigra</i>	Black walnut
<i>Amelanchier laevis</i>	Alleghany Serviceberry	<i>Ostrya virginiana</i>	Hop hornbeam
<i>Betula nigra</i>	River birch	<i>Platanus occidentalis</i>	Sycamore
<i>Carpinus caroliniana</i>	American hornbeam	<i>Populus grandidentata</i>	Lg. toothed aspen
<i>Carya cordiformis</i>	Bitternut hickory	<i>Populus tremuloides</i>	Quacking aspen
<i>Carya glabra</i>	Pignut Hickory	<i>Prunus americana</i>	Wild plum
<i>Carya ovata</i>	Shagbark hickory	<i>Pyrus ioensis</i>	Iowa crab
<i>Castanea dentata</i>	American chestnut	<i>Quercus alba</i>	White oak
<i>Crataegus calipodendrom</i>	Sugar hawthorn	<i>Quercus bicolor</i>	Swamp white oak
<i>Crataegus coccinea</i>	Scharlet hawthorn	<i>Quercus ellipsoidalis</i>	Hill's oak
<i>Crataegus crus-galli</i>	Cockspur hawthorn	<i>Quercus imbricaria</i>	Shingle oak
<i>Crataegus macrosperma</i>	Lg. seeded hawthorn	<i>Quercus macrocarpa</i>	Bur oak
<i>Crataegus mollis</i>	Downy hawthorn	<i>Quercus muhlenbergii</i>	Chinquapin oak
<i>Crataegus pruinosa</i>	Frosted hawthorn	<i>Quercus palustris</i>	Pin oak
<i>Crataegus punctata</i>	Dotted hawthorn	<i>Quercus rubra</i>	Red oak
<i>Crataegus rotundifolis</i>	Round leafed hawthorn	<i>Quercus velutina</i>	Black oak
<i>Crataegus succulenta</i>	Fleshy hawthorn	<i>Salix amygdaloides</i>	Peach-leaved willow
<i>Fraxinus americana</i>	White ash	<i>Salix bebbiana</i>	Bebb's willow
<i>Fraxinus nigra</i>	Black ash	<i>Salix discolor</i>	Pussy willow
<i>Fraxinus pennsylvanica</i>	Green ash	<i>Tilia americana</i>	Basswood
<i>Fraxinus quadrangulate</i>	Blue ash	<i>Ulmus americana</i>	American elm

NATIVE PRAIRIE GRASSES

<i>Andropogon gerardi</i>	Big blue stem
<i>Bouteloua curtipendula</i>	Sideoats grama
<i>Koeleria macrantha</i>	June grass
<i>Panicum virgatum</i>	Switch grass
<i>Schizachyrium scoparium</i>	Little blue stem
<i>Sorghastrum nutans</i>	Indian grass
<i>Spartina pectinata</i>	Prairie cord grass
<i>Sporobolus heterolepis</i>	Prairie dropseed

NATIVE SHRUBS FOR CONSERVANCY

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<i>Amorpha fruticosa</i>	Indigobush
<i>Cephalanthus occidentalis</i>	Buttonbush
<i>Ceanothus americanus</i>	New Jersey tea
<i>Cercis canadensis</i>	Redbud
<i>Cornus alternifolia</i>	Pagoda dogwood/Alternate leafed Dogwood
<i>Cornus obliqua</i>	Blue-fruited Dogwood
<i>Cornus racemosa</i>	Grey Dogwood
<i>Cornus stolonifera</i>	Red-osier Dogwood
<i>Corylus americana</i>	American Hazelnut / Filbert
<i>Dirca palustris</i>	Leatherwood
<i>Euonymus atropurpureus</i>	Burning Bush
<i>Hamamelis virginiana</i>	Which Hazel
<i>Ilex verticillata</i>	Winterberry
<i>Lonicera prolifera</i>	Yellow Honeysuckle
<i>Physocarpus opulifolius</i>	Ninebark
<i>Rosa setigera</i>	Illinois Prairie Rose
<i>Rosa Carolina</i>	Pasture Rose
<i>Rhus glabra</i>	Smooth Sumac
<i>Rhus typhina</i>	Staghorn sumac
<i>Salix humulis</i>	Prairie Willow
<i>Sambucus canadensis</i>	Elderberry
<i>Spirea alba</i>	Meadow Sweet
<i>Staphylea trifolia</i>	Bladdernut
<i>Viburnum acerifolium</i>	Arrowwood Viburnum
<i>Viburnum lentago</i>	Nannyberry Viburnum
<i>Viburnum prunifolium</i>	Blackhaw Viburnum
<i>Viburnum rafinesquianum</i>	Downy Arrowwood Viburnum
<i>Viburnum recognitum</i>	Smooth Arrowwood Viburnum
<i>Viburnum trilobum</i>	High Bush Cranberry Viburnum

NATIVE WETLAND PLANTS

The plant's scientific (Latin) name must be used in identifying plants. Common names are confusing. Several plants may be called by the same common name. If you have any questions about the Latin names, contact the conservancy committee.

POND EDGES, MARSH – EMERGENT 4" TO 18" OF WATER

<i>Brasenia schreberi</i>	Water shield
<i>Caltha palustris</i>	Marsh marigold
<i>Ceratophyllum demersum</i>	Coontail
<i>Elodea canadensis</i>	Common waterweed
<i>Elodea nuttallii</i>	Slender waterweed
<i>Lemna minor</i>	Small duckweed
<i>Lemna perpusilla</i>	Least duckweed
<i>Myriophyllum exalbescens</i>	Spiked water milfoil
<i>Myriophyllum heterophyllum</i>	Various leaved water milfoil
<i>Myriophyllum verticillatum</i>	Whorled water milfoil
<i>Nuphar advena</i>	Spatardock
<i>Nuphar variegatum</i>	Pond lily
<i>Nymphaea tuberosa</i>	Fragrant water lily
<i>Plantago cordata</i>	Heart leaved plantain
<i>Potamogeton</i>	(Most species OK)
<i>Ranunculus longirostris</i>	White water crowfoot
<i>Ranunculus trichophyllus</i>	White water buttercup
<i>Sagittaria latifolia</i>	Common arrowhead
<i>Spiradela polyrhiza</i>	Great duckweed
<i>Wolffia columbiana</i>	Common water meal
<i>Wolffiapunctata</i>	Dotted water meal

DAMP / WET PRAIRIE, SEDGE MEADOW, AND OFTEN WET FLOOD PLAINS

<i>Alnus rugose americana</i>	Speckled alder
<i>Asclepias incarnata</i>	Swamp milkweed
<i>Aster puniceus</i>	Swamp aster
<i>Aster novae-angliae</i>	New England aster
<i>Calamagrostis canadensis</i>	Blue joint grass
<i>Carex</i>	(Most species OK)
<i>Cephalantus occidentalis</i>	Buttonbush
<i>Cornus stolonifera</i>	Red osier dogwood
<i>Elymus virginicus</i>	Virginia wild eye
<i>Eupatorium maculatum</i>	Spotted Joe-Pye weed
<i>Liatris spicata</i>	Marsh blazing star
<i>Lobelia cardinalis</i>	Cardinal flower
<i>Lobelia siphilitica</i>	Great blue lobelia
<i>Onoclea sensibilis</i>	Sensitive fern
<i>Solidago patula</i>	Swamp goldenrod
<i>Solidago gigantea</i>	Late goldenrod
<i>Spartina pectinata</i>	Cord grass
<i>Symplocarpus foetidus</i>	Skunk cabbage
<i>Zizia aurea</i>	Golden Alexander



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NATIVE PLANT LIST FOR CONSERVANCY AND SCENIC COORIDOR AREAS

This is a list of certain plants that are native to the northern Illinois area. These plants have evolved to survive Illinois hot, dry summers and our occasional 23-degrees-below-zero winters. Some may be familiar native trees, shrubs, and flowers. The oaks, sugar maple, Black-eyed Susan, and coneflowers are just a few. Once native plants are established, their needs are few.

Native plants will:

- Enhance the rural atmosphere of Long Grove
- Provide seasonal color, including winter interest
- Provide good habitats for a variety of wildlife
- Require low maintenance and no weekly mowing
- Need little watering once established because their root systems go deep into our heavy clay soil
- Deep root systems provide good drainage systems during heavy rains.

The members of the Conservancy / Scenic Corridor Committee (CSCC) are Long Grove residents appointed by the Village Board to assist residents who have an interest in restoration of their prairie, woodland or pond conservancies and scenic corridor areas. We are all volunteers with an interest in maintaining the rural character of long Grove.

We help with selection of native plant material, work with you and/or your landscaper on the correct methods of restoration, provide resource catalogs and information on both seeds and plan materials. If the plant material you want to use is not on the list, please check with the Committee. Not every native plant could be listed here.

A list of some nurseries that sell native plant materials is available at the Village Office. Seeds and plant materials listed are available from at least one of the following sources.

Prairie Nursery

PO Box 306
Westfield, WI 53964
800-476-9453
<https://www.prairienursery.com>

Possibility Place Nursery (trees & shrubs)

7548 Monee Manhattan
Monee, IL 60449
708-534-3988
<https://www.possibilityplace.com>

Prairie Moon Nursery

Route 3
Box 163
Winona, MN 55987-9515
507-452-1362
<https://www.prairiemoon.com>

Spence Restoration Nursery (wholesale only)

PO Box 456
2220 East Fuson Road
Muncie, IN 47308
765-286-7154
<http://www.spencenursery.com>

NATIVE WOODLAND FLOWERS FOR CONSERVANCY

The plant's scientific (Latin) name must be used in identifying plants. Common names are confusing. Several plants may be called by the same common name. If you have any questions about the Latin names, contact the Conservancy committee.

LATIN	COMMON	LATIN	COMMON
<i>Actaea pachypoda</i>	White baneberry	<i>Hepatica acutiloba</i>	Sharp lobed hepatica
<i>Actaea rubra</i>	Red baneberry	<i>Heracleum maximum</i>	Cow parsnip
<i>Allium canadense</i>	Wild Onion	<i>Impatiens pallida</i>	Pale jewelweed
<i>Allium cernuum</i>	Wild Nodding onion	<i>Iris virginica</i>	Blue flag iris
<i>Allium tricoccum</i>	Leek	<i>Jeffersonia diphylla</i>	Twinleaf
<i>Amorpha canescens</i>	Lead plant	<i>Lobelia inflata</i>	Indian tobacco
<i>Anemone virginiana</i>	Tall Anemone	<i>Mertensia virginica</i>	Virginia bluebells
<i>Anemonella thalictroides</i>	Rue Anemone	<i>Mitella diphylla</i>	Bishop's cap
<i>Antennaria plantaginifolia</i>	Pussytoes	<i>Monotropa uniflora</i>	Indian pipe
<i>Aquilegia canadensis</i>	Wild Columbine	<i>Osmorhiza claytoni</i>	Hairy sweet cicely
<i>Arisaema atrorubens</i>	Jack in the pulpit	<i>Penstemon Calycosus</i>	Smooth beardtongue
<i>Asarum canadense</i>	Wild ginger	<i>Penstemon digitalis</i>	Foxglove beardtoungeue
<i>Aster laevis</i>	Smooth blue aster	<i>Penstemon pallidus</i>	Pale beardtongue
<i>Aster macrophyllus</i>	Big-leaved aster	<i>Phlox divaricata</i>	Woodland phlox
<i>Aster sagittifolius</i>	Arrow-leaved aster	<i>Podophyllum peltatum</i>	Mayapple
<i>Aster shortii</i>	Short's aster	<i>Polemonium reptans</i>	Jacob's ladder
<i>Blephilia hirsuta</i>	Horse mint	<i>Prenanthes alba</i>	White lettuce
<i>Campanula americana</i>	Tall bellflower	<i>Ranunculus septentrionalis</i>	Swamp buttercup
<i>Caulophyllum thalictroides</i>	Blue cohosh	<i>Rudbeckia laciniata</i>	Green-headed coneflower
<i>Claytonia virginica</i>	Spring beauty	<i>Sanguinaria canadensis</i>	Bloodroot
<i>Dentaria laciniata</i>	Cut-leaved toothwort	<i>Sanicula gregaria</i>	Black snakeroot
<i>Desmodium glutinosum</i>	Pointed tick trefoil	<i>Silene nivea</i>	Snow campion
<i>Dicentra cucullaria</i>	Dutchman's breeches	<i>Silene virginica</i>	Pink Fire
<i>Dodecatheon meadii</i>	Shooting star	<i>Smilacina racemosa</i>	Feathery false solomon seal
<i>Drythronium albidum</i>	White trout lily	<i>Smilacina stellata</i>	Starry false solomon seal
<i>Eupatorium purpureum</i>	Joe-pye-weed	<i>Solidago flexicaulis</i>	Broad-leaved goldenrod
<i>Eupatorium rugosum</i>	White snakeroot	<i>Solidago speciosa</i>	Showy goldenrod
<i>Fragaria virginiana</i>	Wild strawberry	<i>Solidago ulmifolia</i>	Elm-leaved goldenrod
<i>Geranium maculatum</i>	Wild geranium	<i>Tanacetum vulgare</i>	Tansy
<i>Gelianthus divaricatus</i>	Woodland Sunflower	<i>Thalictrum dioicum</i>	Early meadow rue
		<i>Tradescantia ohioensis</i>	Common spiderwort
		<i>Trillium cernuum macranthum</i>	Nodding trillium
		<i>Trillium grandiflorum</i>	Large-flowered trillium
		<i>Trillium recurvatum</i>	Prairie trillium
		<i>Uvularia grandiflora</i>	Bellwort
		<i>Viola pensylvanica</i>	Smooth yellow violet

NATIVE PRAIRIE FLOWERS FOR CONSERVANCY

The plant's scientific (Latin) name must be used in identifying plants. Common names are confusing. Several plants may be called by the same common name. If you have any questions about the Latin names, contact the conservancy committee.

LATIN	COMMON	LATIN	COMMON
<i>Acorus calamus</i>	Sweetflag	<i>Lobelia siphilitica</i>	Great blue lobelia
<i>Actaea pachypoda</i>	White baneberry	<i>Monarda fistulosa</i>	Wild bergamont–Bee balm
<i>Actaea rubra</i>	Red baneberry	<i>Monarda punctata</i>	Horse Mint
<i>Aquilegia canadensis</i>	Wild Columbine	<i>Pathenium integrifolium</i>	Wild quinine
<i>Allium cernuum</i>	Wild nodding onion	<i>Penstemon digitalis</i>	Foxglove beardtongue
<i>Amorpha canescens</i>	Lead Plant	<i>Penstemon grandifloras</i>	Lg. flowered beardtongue
<i>Aster azureus</i>	Sky blue aster	<i>Petalostemum candidum</i>	White prairie clover
<i>Anemone patens</i>	Pasque flower	<i>Petalostemum purpureum</i>	Purple prairie clover
<i>Asclepias incarnata</i>	Swamp milkweed	<i>Phlox divaricate</i>	Woodland phlox
<i>Asclepias tuberosa</i>	Butterfly weed	<i>Plox pilosa</i>	Prairie phlox
<i>Aster ericoides</i>	Health aster	<i>Psycostegia virginiana</i>	False dragonhead
<i>Aster linariifolius</i>	Flax-leaved aster	<i>Polygonatum</i>	
<i>Aster novae-angliae</i>	New England aster	<i>canaliculatum</i>	Smooth Solomon seal
<i>Aster pilosus</i>	Hairy aster	<i>Potentilla arguta</i>	Prairie cinquefoil
<i>Aster ptarmicoides</i>	Stiff aster	<i>Pycnanthemum</i>	
<i>Astragalus canadensis</i>	Canadian milk-vetch	<i>virginianum</i>	Common Mt. mint
<i>Baptisia leucantha</i>	White wild indigo	<i>Ratibida pinnata</i>	Yellow coneflower
<i>Cacalia atriplicifolia</i>	Pale Indian plantain	<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Cacalia tuberosa</i>	Prairie Indian plantain	<i>Rudbeckia subtomentosa</i>	Showy black-eyed Susan
<i>Campanula americana</i>	Tall bellflower	<i>Rudbeckia triloba</i>	Brown-eyed Susan
<i>Cassia fasciculata</i>	Partridge pea	<i>Silphium integrifolium</i>	Rosinweed
<i>Coreopsis lanceolata</i>	Sand coreopsis	<i>Silphium laciniatum</i>	Compass plant
<i>Coreopsis tripteris</i>	Tall coreopsis	<i>Silphium</i>	
<i>Dodecatheon meadii</i>	Shooting star	<i>terebinthaceum</i>	Prairie dock
<i>Echinacea pallida</i>	Pale purple coneflower	<i>Solidago graminifolia</i>	Grass-leaved goldenrod
<i>Eryngium yuccifolium</i>	Rattlesnake master	<i>Solidago juncea</i>	Early goldenrod
<i>Eupatorium maculatum</i>	Spotted Joe-Pye weed	<i>Solidago ohioensis</i>	Ohio goldenrod
<i>Eupatorium purpureum</i>	Purple Joe-Pye weed	<i>Solidago riddellii</i>	Riddell's goldenrod
<i>Eupatorium serotinum</i>	Late boneset	<i>Solidago rigida</i>	Stiff goldenrod
<i>Gentiana andrewsii</i>	Bottle gentian	<i>Solidago speciosa</i>	Showy goldenrod
<i>Helenium autumnale</i>	Sneezeweed	<i>Thalictrum dasycarpum</i>	Purple meadow rue
<i>Helianthus grosseserratus</i>	Sawtooth sunflower	<i>Tradescantia obiensis</i>	Common spiderwort
<i>Helianthus mollis</i>	Downy sunflower	<i>Verbena hastata</i>	Blue vervain
<i>Helianthus occidentalis</i>	Western sunflower	<i>Verbena stricta</i>	Hoary vervain
<i>Helianthus strumosus</i>	Pale leaved sunflower	<i>VERNONIA fasciculata</i>	Common ironweed
<i>Heliopsis helianthoides</i>	False sunflower	<i>Veronicastrum virginicum</i>	Culver's root
<i>Iris virginica</i>	Blue flag iris	<i>Viola pedatifida</i>	Prairie violet
<i>Kuhnia eupatorioides</i>	False boneset	<i>Zizia aptera</i>	Heart-leaved Alexanders
<i>Lespedeza capitata</i>	Roundheaded bushclover	<i>Zizia aurea</i>	Golden Alexanders
<i>Liatris aspera</i>	Rough blazing star		
<i>Liatris psycnostachya</i>	Prairie blazing star		
<i>Liatris spicata</i>	Marsh blazing star		
<i>Lithospermum canescens</i>	Hoary puccoon		
<i>Lobelia cardinalis</i>	Cardinal flower		

NATIVE TREES FOR CONSERVANCY

The plant's scientific (Latin) name must be used in identifying plants. Common names are confusing. Several plants may be called by the same common name. If you have any questions about the Latin names, contact the conservancy committee.

LATIN	COMMON	LATIN	COMMON
<i>Acer nigrum</i>	Black maple	<i>Gleditsia triacanthos</i>	Honey locust
<i>Acer saccharum</i>	Sugar maple	<i>Gymnocladus dioica</i>	Kentucky coffeetree
<i>Aesculus glabra</i>	Ohio buckeye	<i>Juglans cinerea</i>	Butternut
<i>Amelanchier arborea</i>	Sandbush Serviceberry	<i>Juglans nigra</i>	Black walnut
<i>Amelanchier laevis</i>	Alleghany Serviceberry	<i>Ostrya virginiana</i>	Hop hornbeam
<i>Betula nigra</i>	River birch	<i>Platanus occidentalis</i>	Sycamore
<i>Carpinus caroliniana</i>	American hornbeam	<i>Populus grandidentata</i>	Lg. toothed aspen
<i>Carya cordiformis</i>	Bitternut hickory	<i>Populus tremuloides</i>	Quacking aspen
<i>Carya glabra</i>	Pignut Hickory	<i>Prunus americana</i>	Wild plum
<i>Carya ovata</i>	Shagbark hickory	<i>Pyrus ioensis</i>	Iowa crab
<i>Castanea dentata</i>	American chestnut	<i>Quercus alba</i>	White oak
<i>Crataegus calipodendrom</i>	Sugar hawthorn	<i>Quercus bicolor</i>	Swamp white oak
<i>Crataegus coccinea</i>	Scharlet hawthorn	<i>Quercus ellipsoidalis</i>	Hill's oak
<i>Crataegus crus-galli</i>	Cockspur hawthorn	<i>Quercus imbricaria</i>	Shingle oak
<i>Crataegus macrosperma</i>	Lg. seeded hawthorn	<i>Quercus macrocarpa</i>	Bur oak
<i>Crataegus mollis</i>	Downy hawthorn	<i>Quercus muhlenbergii</i>	Chinquapin oak
<i>Crataegus pruinosa</i>	Frosted hawthorn	<i>Quercus palustris</i>	Pin oak
<i>Crataegus punctata</i>	Dotted hawthorn	<i>Quercus rubra</i>	Red oak
<i>Crataegus rotundifolis</i>	Round leafed hawthorn	<i>Quercus velutina</i>	Black oak
<i>Crataegus succulenta</i>	Fleshy hawthorn	<i>Salix amygdaloides</i>	Peach-leaved willow
<i>Fraxinus americana</i>	White ash	<i>Salix bebbiana</i>	Bebb's willow
<i>Fraxinus nigra</i>	Black ash	<i>Salix discolor</i>	Pussy willow
<i>Fraxinus pennsylvanica</i>	Green ash	<i>Tilia americana</i>	Basswood
<i>Fraxinus quadrangulate</i>	Blue ash	<i>Ulmus americana</i>	American elm

NATIVE PRAIRIE GRASSES

LATIN	COMMON
<i>Andropogon gerardi</i>	Big blue stem
<i>Bouteloua curtipendula</i>	Sideoats grama
<i>Koeleria macrantha</i>	June grass
<i>Panicum virgatum</i>	Switch grass
<i>Schizachyrium scoparium</i>	Little blue stem
<i>Sorghastrum nutans</i>	Indian grass
<i>Spartina pectinata</i>	Prairie cord grass
<i>Sporobolus heterolepis</i>	Prairie dropseed

NATIVE SHRUBS FOR CONSERVANCY

The plant's scientific (Latin) name must be used in identifying plants. Common names are confusing. Several plants may be called by the same common name. If you have any questions about the Latin names, contact the conservancy committee.

LATIN	COMMON
<i>Alnus rugosa</i>	Speckled Adler
<i>Amorpha fruticosa</i>	Indigobush
<i>Cephalanthus occidentals</i>	Buttonbush
<i>Ceanothus amercanus</i>	New Jersey tea
<i>Cercis candensis</i>	Redbud
<i>Cornus alternifolia</i>	Pagoda dogwood/Alternate leafed Dogwood
<i>Cornus obliqua</i>	Blue-fruited Dogwood
<i>Cornus racemosa</i>	Grey Dogwood
<i>Cornus stolonifera</i>	Red-osier Dogwood
<i>Corylus americana</i>	American Hazelnut / Filbert
<i>Dirca palustris</i>	Leatherwood
<i>Euonymus atropurpureus</i>	Burning Bush
<i>Hamamelis virgininana</i>	Which Hazel
<i>Ilex verticillata</i>	Winterberry
<i>Lonicera prolifera</i>	Yellow Honeysuckle
<i>Physocarpus opulifolius</i>	Ninebark
<i>Rosa setigera</i>	Illinois Prairie Rose
<i>Rosa Carolina</i>	Pasture Rose
<i>Rhus glabra</i>	Smooth Sumac
<i>Rhus typhina</i>	Staghorn sumac
<i>Salix humulis</i>	Prairie Willow
<i>Sambucus canadensis</i>	Elderberry
<i>Spireae alba</i>	Meadow Sweet
<i>Staphylea trifolia</i>	Bladdernut
<i>Viburnum acerifolium</i>	Arrowwood Viburnum
<i>Viburnum lentago</i>	Nannyberry Viburnum
<i>Viburnum prunifolium</i>	Blackhaw Viburnum
<i>Viburnum rafinessquianum</i>	Downy Arrowwood Viburnum
<i>Viburnum recognitum</i>	Smooth Arrowwood Viburnum
<i>Viburnum trilobum</i>	High Bush Cranberry Viburnum

NATIVE WETLAND PLANTS

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POND EDGES, MARSH – EMERGENT 4" TO 18" OF WATER	
LATIN	COMMON
Brasenia schreberi	Water shield
Caltha palustris	Marsh marigold
Ceratophyllum demersum	Coontail
Elodea canadensis	Common waterweed
Elodea nuttallii	Slender waterweed
Lemna minor	Small duckweed
Lemna perpusilla	Least duckweed
Myriophyllum exalbescens	Spiked water milfoil
Myriophyllum heterophyllum	Various leaved water milfoil
Myriophyllum verticillatum	Whorled water milfoil
Nuphar advena	Spatterdock
Nuphar variegatum	Pond lily
Nymphaea tuberosa	Fragrant water lily
Plantago cordata	Heart leaved plantain
Potamogeton	(Most species OK)
Ranunculus longirostris	White water crowfoot
Ranunculus trichophyllum	White water buttercup
Sagittaria latifolia	Common arrowhead
Spiradela polyrhiza	Great duckweed
Wolffia columbiana	Common water meal
Wolffiapunctata	Dotted water meal

DAMP / WET PRAIRIE, SEDGE MEADOW, AND OFTEN WET FLOOD PLAINS	
LATIN	COMMON
Alnus rugose americana	Speckled alder
Asclepias incarnata	Swamp milkweed
Aster puniceus	Swamp aster
Aster novae-angliae	New England aster
Calamagrostis canadensis	Blue joint grass
Carex	(Most species OK)
Cephalantus occidentalis	Buttonbush
Cornus stoloniferal	Red osier dogwood
Elymus virginicus	Virginia wild eye
Eupatorium maculatum	Spotted Joe-Pye weed
Liatris spicata	Marsh blazing star
Lobelia cardinalis	Cardinal flower
Lobelia siphilitca	Great blue lobelia
Onoclea sensiblis	Sensitive fern
Solidago patula	Swamp goldenrod
Solidago gigantea	Late goldenrod
Spartina pectinata	Cord grass
Symplocarpus foetidus	Skunk cabbage
Zizia aurea	Golden Alexander