

Title	Evergreen Park Basketball Court	04/15/2024
	by Ben Rea in Member District ADA Project Request	id. 46226561
	410 N. Arlington Heights Road Arlington Heights, Illinois 60004 United States 8475067145 ada@ahpd.org	

Original Submission 04/15/2024

Score	n/a
Name	John Kramer
Job Title	Director of Parks & Planning
E-mail Address	jkramer@ahpd.org
Phone Number	8475067145
Park District	Arlington Heights
Project Location	Evergreen Park Basketball Court
Project Status	Maintenance
Project Type	Routes and Surfaces
Routes and Surfaces- select a Project Category below:	Athletic Surfaces
Benefits of the Project	The basketball court had severe cracking and created a safety hazard. The project included complete removal/replacement of the asphalt, shifting the court to the north, color coating, and new lights.
Items that will become ADA Compliant	Basketball will continue to be compliant.

The project is designed or constructed, or applies human resources, to comply with:

Agency's ADA Transition Plan
The 2010 Standards for Accessible Design
The Illinois Accessibility Code

Upload Project Related Files, Photos, Videos or Audio

[2023-05-31_EVERGREEN_23-1425_-_REVISED_IFP_PLANS-STAMPED.pdf](#)

Budget Table for ADA Related Expenses

[Budget Table.xlsx](#)

ADA Dollars Requested	30800.0
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Notes related to requested amount

RECREATION COURT IMPROVEMENTS

EVERGREEN PARK

336 S. FORREST AVE.

ARLINGTON HEIGHTS, IL 60004

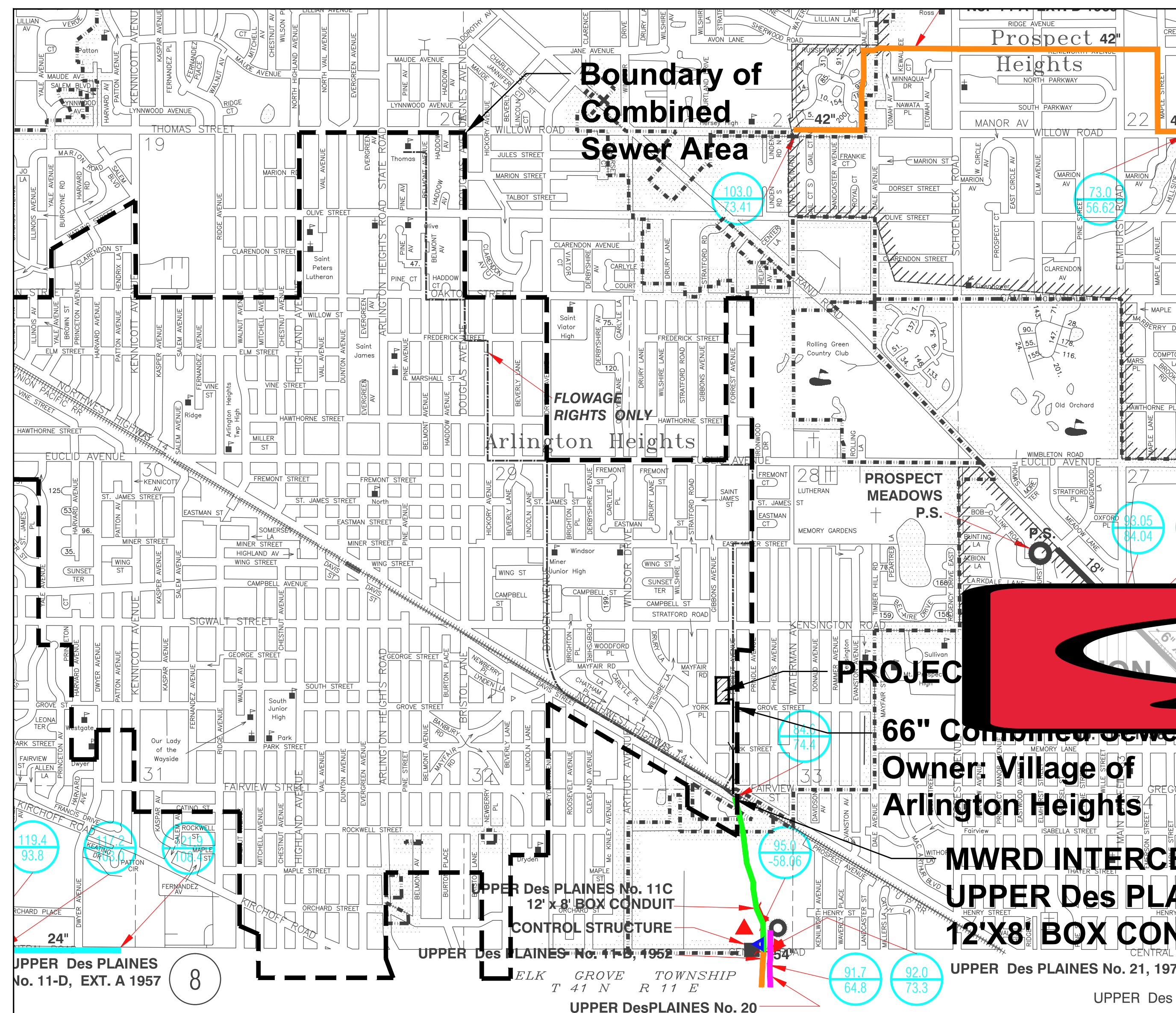
FOR:
 ARLINGTON HEIGHTS PARK DISTRICT
 410 N ARLINGTON HEIGHTS RD
 ARLINGTON HEIGHTS, IL 60004



**ERIKSSON
 ENGINEERING
 ASSOCIATES, LTD.**

145 COMMERCE DRIVE, SUITE A
 GRAYSLAKE, ILLINOIS 60030
 PHONE: (847) 223-4804
 FAX: (847) 223-4864
 EMAIL: INFO@EEA-LTD.COM
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-003220
 EXPIRES: 04/30/2023

**ARLINGTON HEIGHTS PARK DISTRICT
 RECREATION COURT IMPROVEMENTS
 EVERGREEN PARK
 336 S. FORREST AVENUE
 ARLINGTON HEIGHTS, ILLINOIS**



SHEET INDEX

- C-E000 Civil Cover Sheet
- C-E001 Topographical Survey
- C-E002 MWRD General Notes
- C-E101 Site Demolition Plan
- C-E201 Site Geometry Plan
- C-E301 Site Utility Plan
- C-E401 Grading And Paving Plan
- C-E501 Soil Erosion And Sediment Control Plan
- C-E601 Site Work Details
- C-E602 Site Work Details
- E101 Electrical Site Plan
- E102 Schedules & Details

Contact the Metropolitan Water Reclamation District of Greater Chicago 2 days before starting work.

P (708) 588-4055
 E WMOJobStart@mwrd.org

J.U.L.I.E.

Note: The Exact Location Of All Utilities Shall Be Verified By The Contractor Prior To Construction Activities. For Utility Locations Call: J.U.L.I.E. 1 (800) 892-0123

SURVEY PROVIDED BY:

Topographic Map Provided By Norman J. Toberman and Associates For Arlington Heights Park District on December 28, 2022.

BENCHMARKS

- EVERGREEN PARK**
- Bench Mark Manhole Rim Elev. = 673.62 (NAVD88)
 - Control Point No. 1 (Chiseled Cross) N1971166.10 E1085450.34 Elev. = 672.51
 - Control Point No. 2 (Chiseled Cross) N1971062.63 E1085329.28 Elev. = 673.83
- Elevations Shown Hereon Are Based On The NAVD88 Datum Plane.

PROJECT
 66" Combined Sewer
 Owner: Village of Arlington Heights
 MWRD INTERCEPTOR
 UPPER Des PLAINES No. 11C
 12'X8' BOX CONDUIT

DRAINAGE STATEMENT

My Design Will Not Result In Stormwater Runoff Adversely Impacting Adjacent And Downstream Properties By Increasing Flood Elevations Or Decreasing Flood Conveyance Capacity.

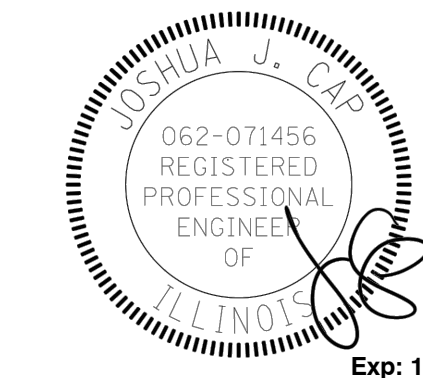
Signed: _____
 SEAL ILLINOIS REGISTRATION NO: 062-071456
 Date: 03/03/2023

ACCESSIBILITY STATEMENT OF COMPLIANCE

I Have Prepared, Or Caused To Be Prepared Under My Direct Supervision, The Attached Plans And Specifications And State That, To The Best Of My Knowledge And Belief And To The Extent Of My Contractual Obligation, They Are In Compliance With The Environmental Barriers Act [410 ILCS 25] And The Illinois Accessibility Code (71 Ill. Adm. Code 400).

Signed: _____
 SEAL ILLINOIS REGISTRATION NO: 062-071456
 Date: 03/03/2023

Reserved for Seal:



No.	Date	Description
	03/15/23	Issued For Permit
△	05/31/23	Revised For Village Permit

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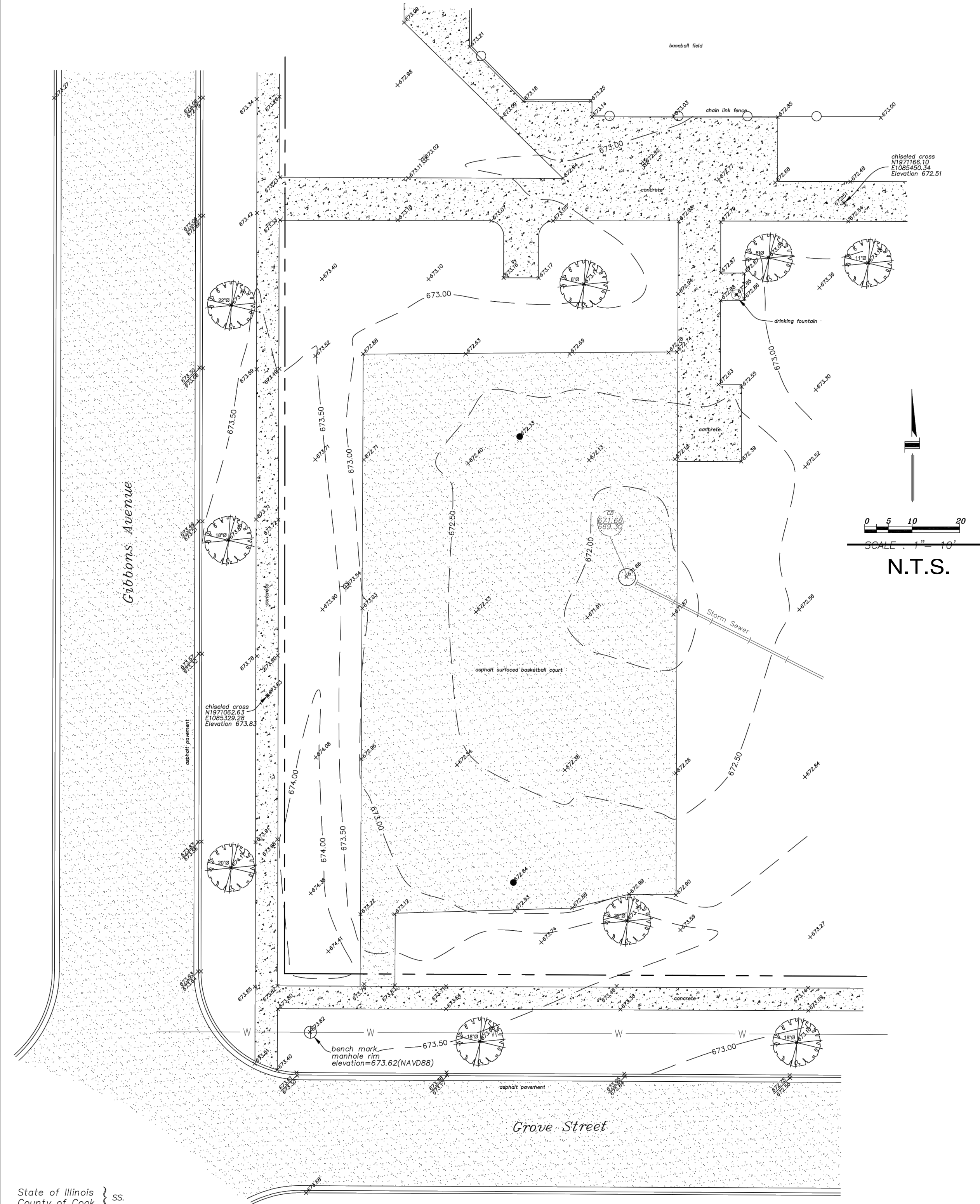
Design By: NH Approved By: JC Date: 02/17/23

Sheet Title:
**CIVIL
 COVER SHEET**

Sheet No:
C-E000

Plat of Topographic Survey

of
 EVERGREEN PARK, IN THE EAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 33, TOWNSHIP 42 NORTH,
 RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

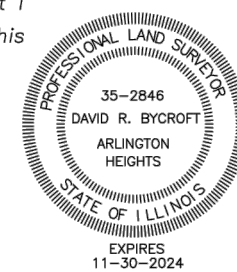


State of Illinois }
 County of Cook } ss.

I, David Bycroft, an Illinois Professional Land Surveyor, do hereby certify that I have surveyed the property described in the caption of this plat and that this plat is a correct representation of said survey.

dated at Arlington Heights, Illinois, this 5th day of January, 2023

by _____
 as Illinois Professional Land Surveyor No. 2846



This professional service conforms to the current Illinois minimum standards for a topographic survey.
 For easements, building lines and other restrictions not shown hereon, refer to your abstract of title, deed, title policy and local zoning ordinance.
 Field work was completed December 28, 2022.
 Elevations shown hereon are based on the NAVD83 datum plane.

Design Firm #184-005910
 Expires April 30, 2023

File No. 22-XX

for:
 Arlington Heights Park District
 410 North Arlington Heights Road
 Arlington Heights, Illinois

from the office of:
 Norman J. Toberman and Associates
 115 South Wilke Road
 Suite 301
 Arlington Heights, Illinois
 847-439-8225

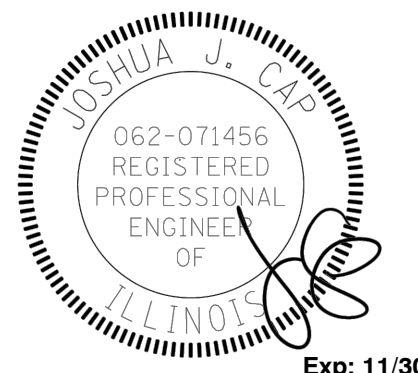


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ARLINGTON HEIGHTS PARK DISTRICT
 RECREATION COURT IMPROVEMENTS
 EVERGREEN PARK
 336 S. FORREST AVENUE
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Reserved for Seal:



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Design By: NH	Approved By: JC	Date: 02/17/23
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Sheet Title:
**TOPOGRAPHICAL
 SURVEY**

Sheet No.:
C-E001

A. REFERENCED SPECIFICATIONS

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
 - * STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
 - * STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
 - * VILLAGE OF ARLINGTON HEIGHTS MUNICIPAL CODE.
 - * THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;
 - * IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

- THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055 OR SEND EMAIL NOTIFICATION WITH PROJECT NAME, LOCATION AND PERMIT NUMBER TO WMOJOBSTART@MWRD.ORG).
- THE VILLAGE OF ARLINGTON HEIGHTS ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.E. AT 1-800-892-0123.

C. GENERAL NOTES

- ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). CONVERSION FACTOR IS N/A FT.
- MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
- THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
- THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
- ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
- THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
- ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
- RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

- THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
- A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
- DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.
- ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
- ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
- ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
- ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE		
6-INCH TO 15-INCH DIAMETER SDR 26	ASTM D-3034	ASTM D-3212
18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM F-679	ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)		
4-INCH TO 36-INCH	ASTM D-3350	ASTM D-3261, F-2620 (HEAT FUSION)
4-INCH TO 12-INCH	ASTM D-3035	ASTM D-3212, F-477 (GASKETED)
14-INCH TO 48-INCH		
WATER MAIN QUALITY PVC		
4-INCH TO 36-INCH	ASTM D-2241	ASTM D-3139
4-INCH TO 12-INCH	AWWA C900	ASTM D-3139
14-INCH TO 48-INCH	AWWA C905	ASTM D-3139

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS
POLYPROPYLENE (PP) PIPE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477
30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	D3212, F-477

- SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
- NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
- ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICK-HOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.
- WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
 - A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
 - REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
 - WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
- WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMANS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
- ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
- ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
- ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOT" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.
- ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
- EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.
- A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. EROSION AND SEDIMENT CONTROL

- THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
- EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
- ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
 - UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
 - ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
- 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 CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL 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.
- CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
- MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
- TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
- DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
- ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
- VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
- EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
- STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMANS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
- ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
- THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

TECHNICAL GUIDANCE MANUAL
MWRD GENERAL NOTES

10/13/2022
STD. DWG. NO.18
PAGE NO. 19

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336 S. FORREST AVENUE
ARLINGTON HEIGHTS, ILLINOIS

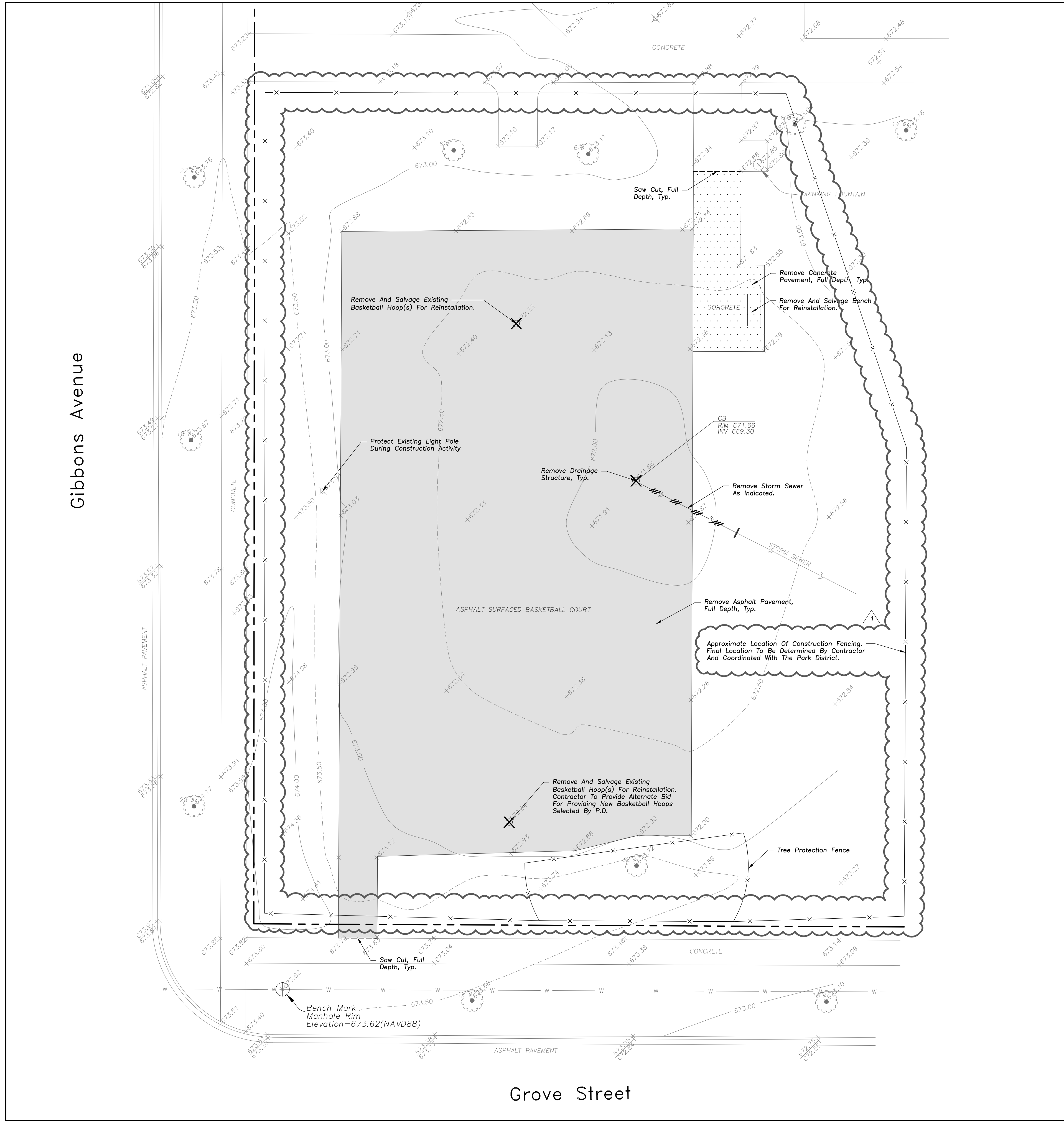
Reserved for Seal:

No.	Date	Description
	03/15/23	Issued For Permit
Δ	05/31/23	Revised For Village Permit

DESIGN BY: NH APPROVED BY: JC DATE: 02/17/23

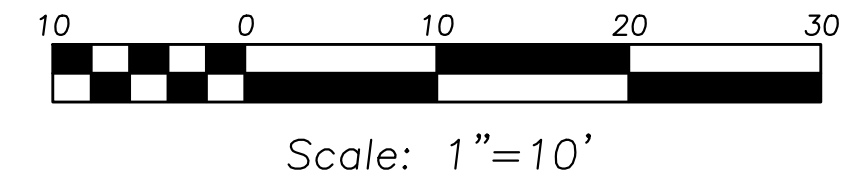
SHEET TITLE:
MWRD GENERAL NOTES

SHEET NO.:
C-E002



Gibbons Avenue

Grove Street



DEMOLITION LEGEND

- Utility Line Removal
- Bituminous Pavement Removal (Full Depth)
- Concrete Pavement Removal (Full Depth)
- Pavement Sawcut
- Structure Removal
- Tree Removal

DEMOLITION NOTES

1. Keep All Village Streets Free and Clear of Construction Related Dirt/Dust/Debris.
2. Any Public Sidewalk That Is Damaged As A Result Of Construction Activity Shall Be Removed And Replaced At The Direction Of The Engineer Inspector.
3. Any Public Parkway That Is Damaged As A Result Of Construction Activity Shall Be Restored With Topsoil And Seed Or Sod And At The Direction Of The Engineer Inspector.
4. Coordinate Existing Utility Removal with Local Authorities and Utility Companies Having Jurisdiction.
5. All Sawcutting Shall be Full Depth to Provide a Clean Edge to Match New Construction. Match Existing Elevations at Points of Connection for New and Existing Pavement, Curb, Sidewalks, etc. All Sawcut Locations Shown Are Approximate and May Be Field Adjusted to Accommodate Conditions, Joints, Material Type, etc. Remove Minimum Amount Necessary for Installation of Proposed Improvements.
6. Provide and Maintain All Necessary Traffic Control and Safety Measures Required During Demolition and Construction Operations Within or Near the Public Roadway.
7. All Trees To Be Removed Shall Be Removed In Their Entirety and Stumps Shall Be Ground to Proposed Subgrade. Use As Match for Proposed Landscaping Where Applicable and Acceptable to Architect.

LEGEND

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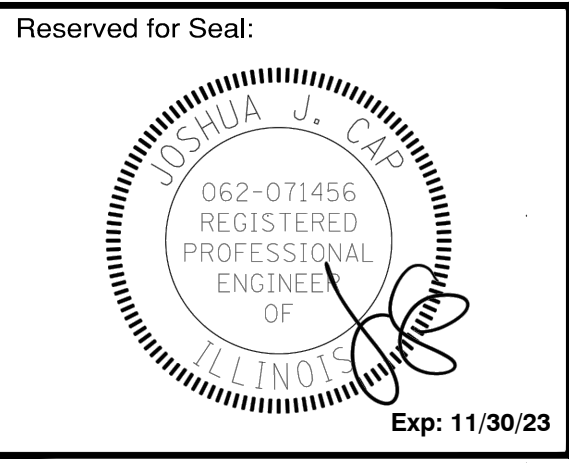
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 EXPIRES 04/30/2023

**ARLINGTON HEIGHTS PARK DISTRICT
 RECREATION COURT IMPROVEMENTS**
 EVERGREEN PARK
 336 S. FORREST AVENUE
 ARLINGTON HEIGHTS, ILLINOIS



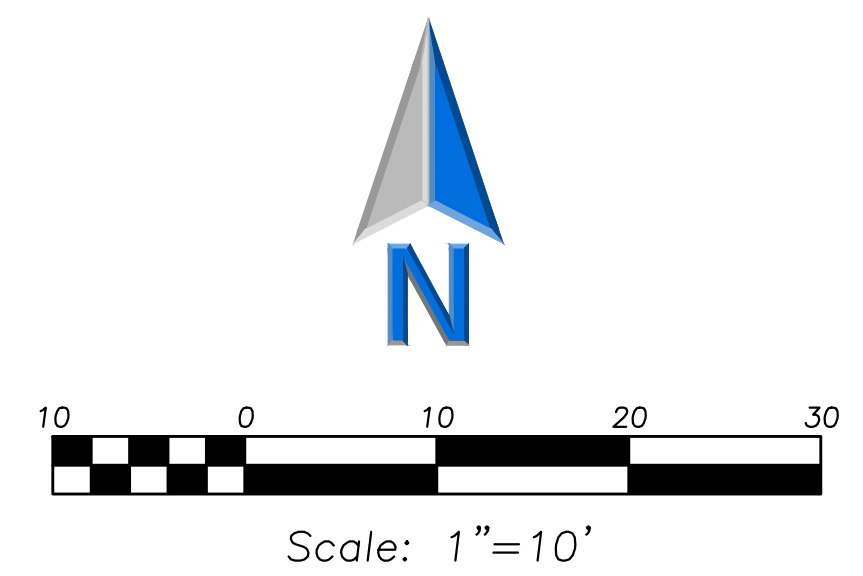
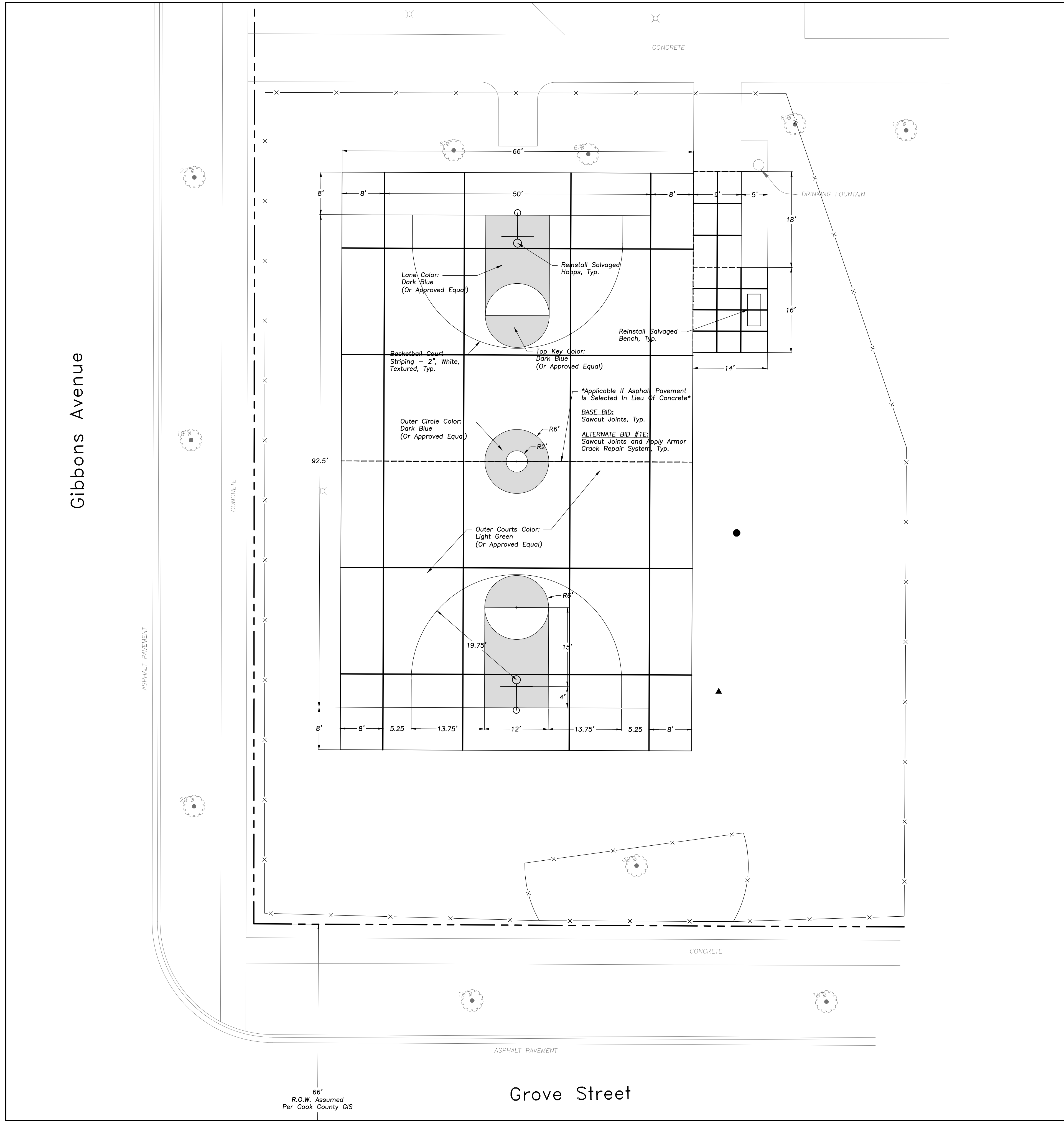
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Design By: NH Approved By: JC Date: 02/17/23

Sheet Title:
SITE DEMOLITION PLAN

Sheet No.:
C-E101



GEOMETRY NOTES

1. All Dimensions Contained Herein Reference Back Of Curb, Face Of Retaining Wall, Edge Of Pavement, Center Of Structure And Outside Face Of Building Foundation Unless Otherwise Noted.

LEGEND

EXISTING	PROPOSED

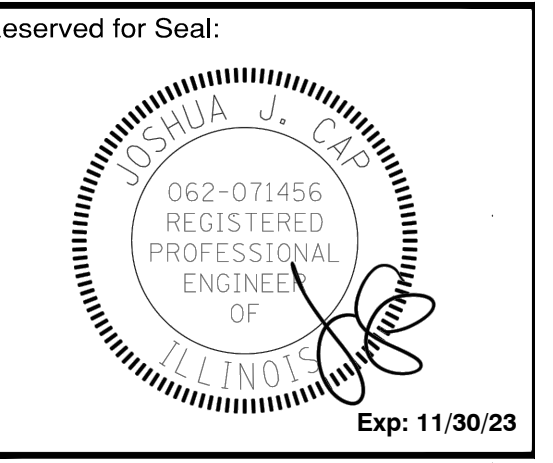
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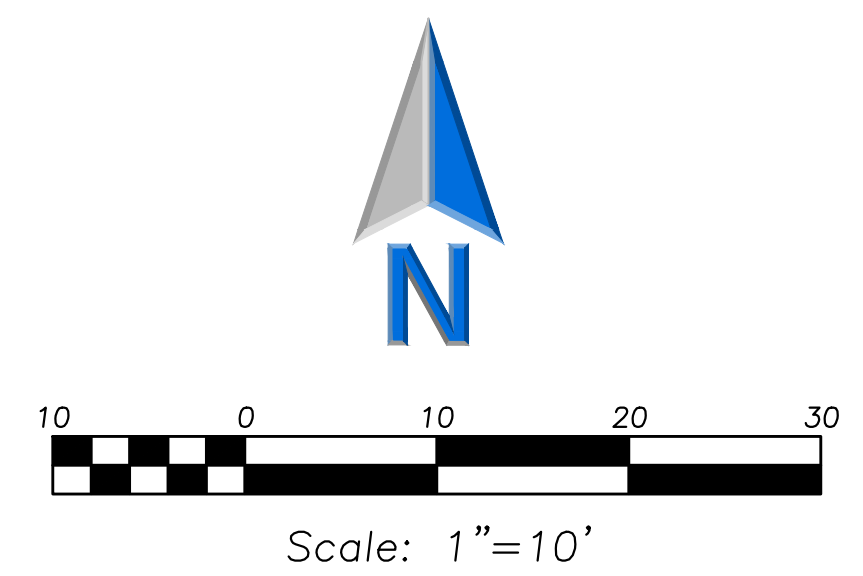
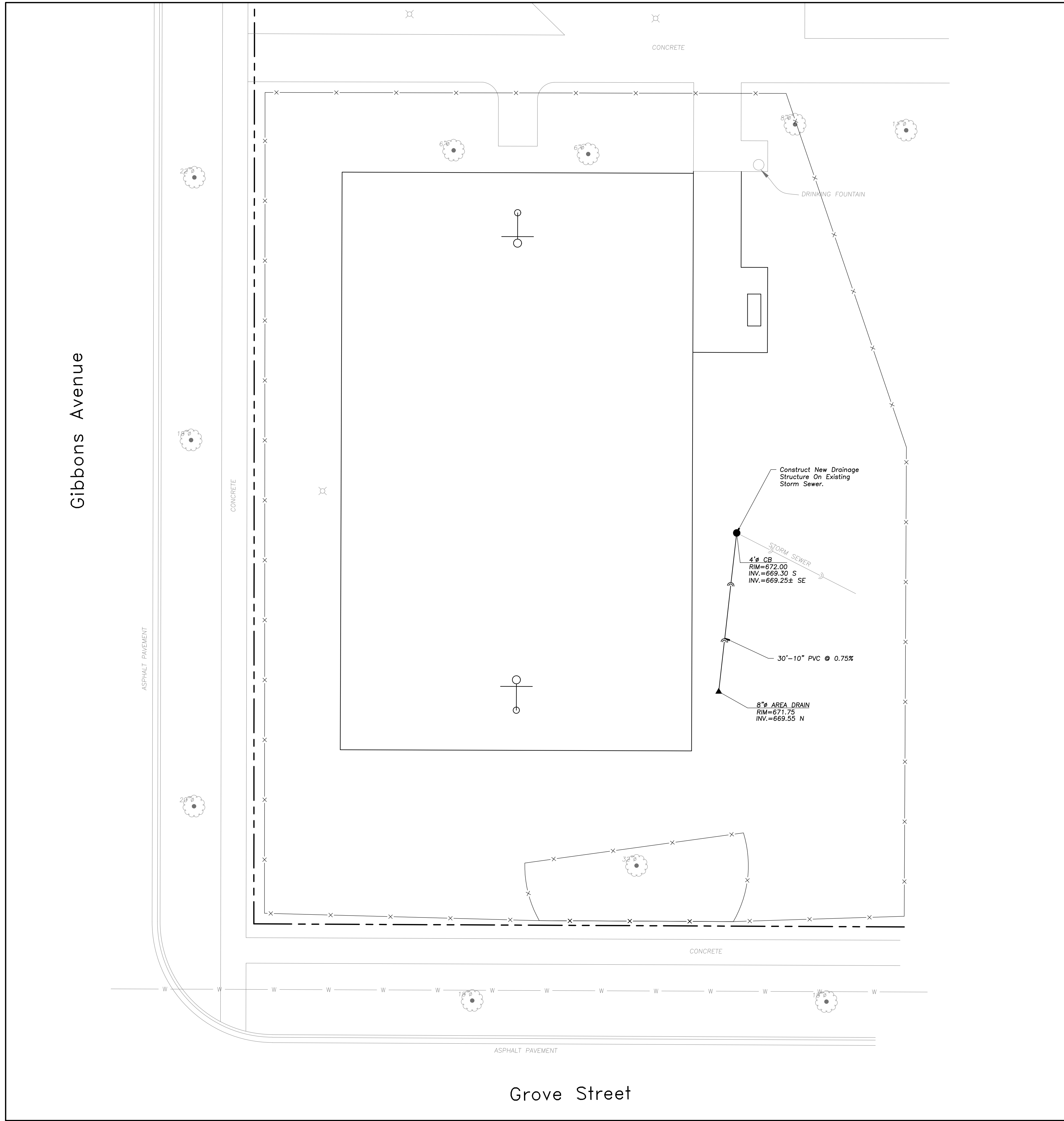
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Design By: NH Approved By: JC Date: 02/17/23

Sheet Title:
**SITE GEOMETRY
 PLAN**

Sheet No.:
C-E201



UTILITY NOTES

- Utility Service Lines as Shown Hereon are Approximate. Coordinate The Exact Locations With The Plumbing Drawings. Coordinate The Locations With The Plumbing Contractor and/or the Owner's Construction Representative Prior to Installation of Any New Utilities.
- Field Verify Invert & Locations of Existing Utility Mains Prior to Installing Any On-Site Utilities or Structures. All Elevations and Inverts Referencing Said Utility Shall Be Field Verified Prior To Installation Of Any New Structures Or Utilities, and Adjustments Shall Be Made as Necessary. Contact Engineer Prior to Installation if Discrepancy Exists With These Drawings.
- Coordinate the Relocation Of Any Utilities Encountered And Replacement Of Any Utilities Damaged Within Influence Zone Of New Construction. Contact Engineer If The Existing Utilities Vary Appreciably From The Plans.
- Protection of water supplies shall be as described in Section 370.350 of the Illinois Recommended Standards for Sewage Works or Section 41-2.01 of the Standard Specifications for Water and Sewer Main Construction in Illinois, latest edition.
- Clear Out All Existing and Proposed Storm Inlets and Catch Basins at the Completion of Construction.
- The "Standard Specifications for Water and Sewer Main Construction in Illinois", Current Edition Shall Govern Work Where Applicable.

LEGEND

EXISTING	PROPOSED

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**ARLINGTON HEIGHTS PARK DISTRICT
 RECREATION COURT IMPROVEMENTS**
 EVERGREEN PARK
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Reserved for Seal:

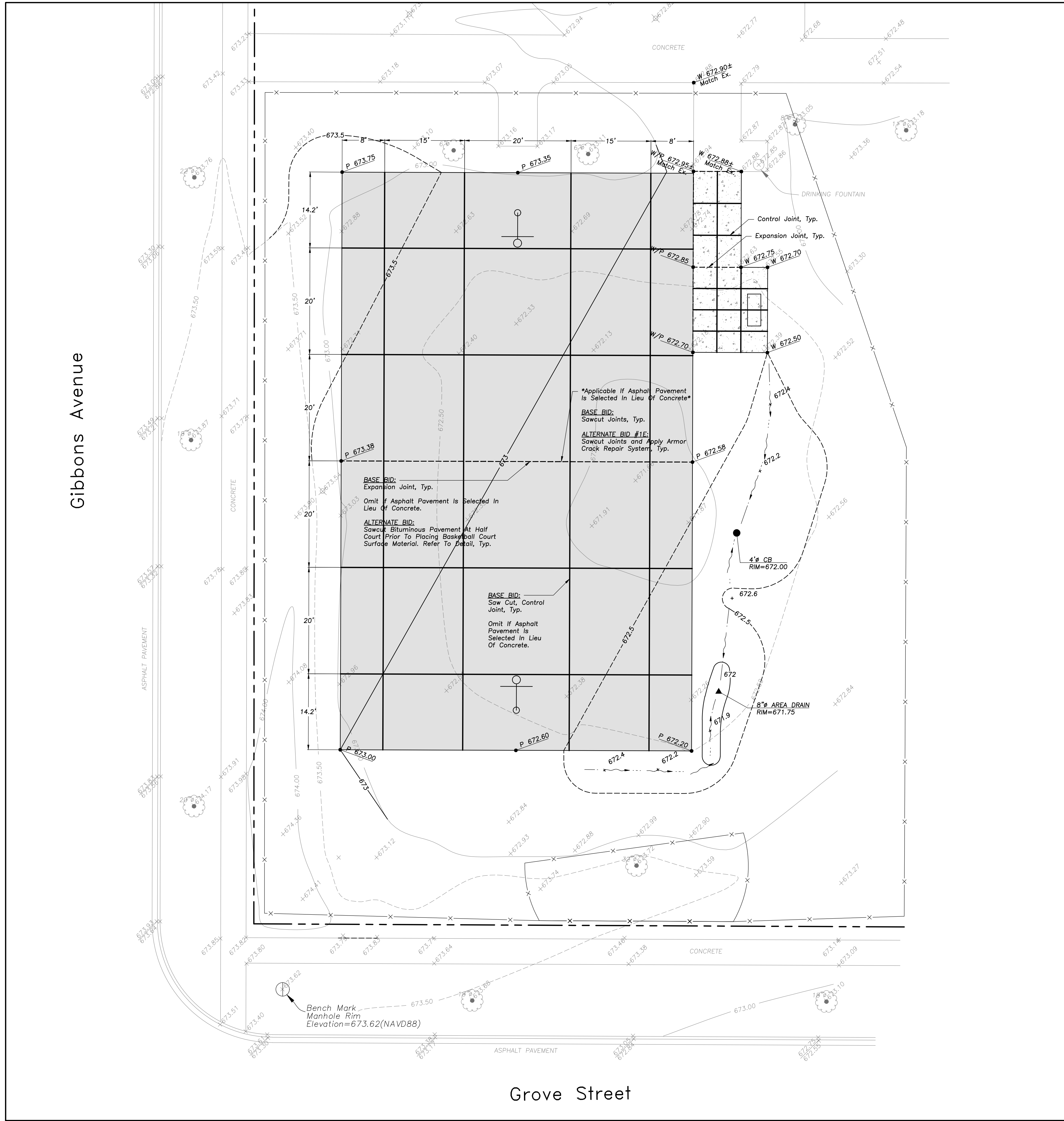
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Design By: **NH** Approved By: **JC** Date: **02/17/23**

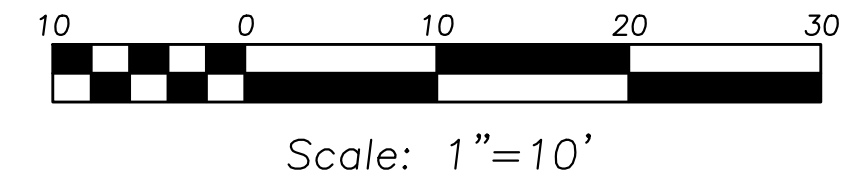
Sheet Title:
SITE UTILITY PLAN

Sheet No.:
C-E301



Gibbons Avenue

Grove Street



PAVING & SURFACE LEGEND

- Basketball Court Pavement Section (NO RECYCLED MATERIAL ALLOWED)
Surface Coating (Elite Sport Coating System Or Approved Equal)
Inner Court Color: Dark Blue (Or Approved Equal)
Outer Court Color: Light Green (Or Approved Equal)
- BASE BID**
5" Portland Cement Concrete Pavement
No. 4 Reinforcing Bars 24" O.C In Both Directions
4" Aggregate Base Course, Type B, Crushed
- ALTERNATE 1**
1 1/2" Hot Mix Asphalt, IL-9.5, N30, PG58-28 (Virgin Mix, NO RAP, RAS, FRAP)
Tack Coat (0.25 gal/sq yd)
Tensor GlasTowe GP25 Waterproofing Paving Mat (Or Approved Equal)
2 1/2" Hot Mix Asphalt, IL-19.0, N50, PG58-28 (Virgin Mix, NO RAP, RAS, FRAP)
Prime Coat (0.25 gal/sq yd)
8" Aggregate Base Course, Type B, Crushed (Minimum)
- ALTERNATE 2**
Include Tensor Geogrid TX160 At Bottom Of Base Course In Selected Pavement Section (Installed Per Manufacturers Specifications)
- Concrete Sidewalk Section
5" Portland Cement Concrete
6"x6" WxWxWxW Welded Wire Fabric
4" Aggregate Base Course, Type B, Crushed

GRADING NOTES

1. The Grading and Construction of Proposed Improvements Shall Be Done In A Manner Which Will Allow For Positive Drainage, and Not Cause Ponding of Stormwater on the Surface of Proposed Improvements.
2. All Landscaped Areas Disturbed By Construction Shall Be Respread With 6 Inches (Min.) to 12 Inches (Max.) Topsoil and Hydroseeded Unless Noted Otherwise On The Landscape Drawings.

LEGEND

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GENERAL NOTES

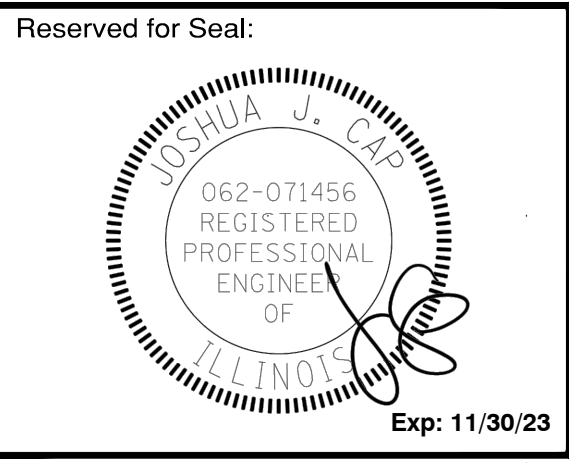
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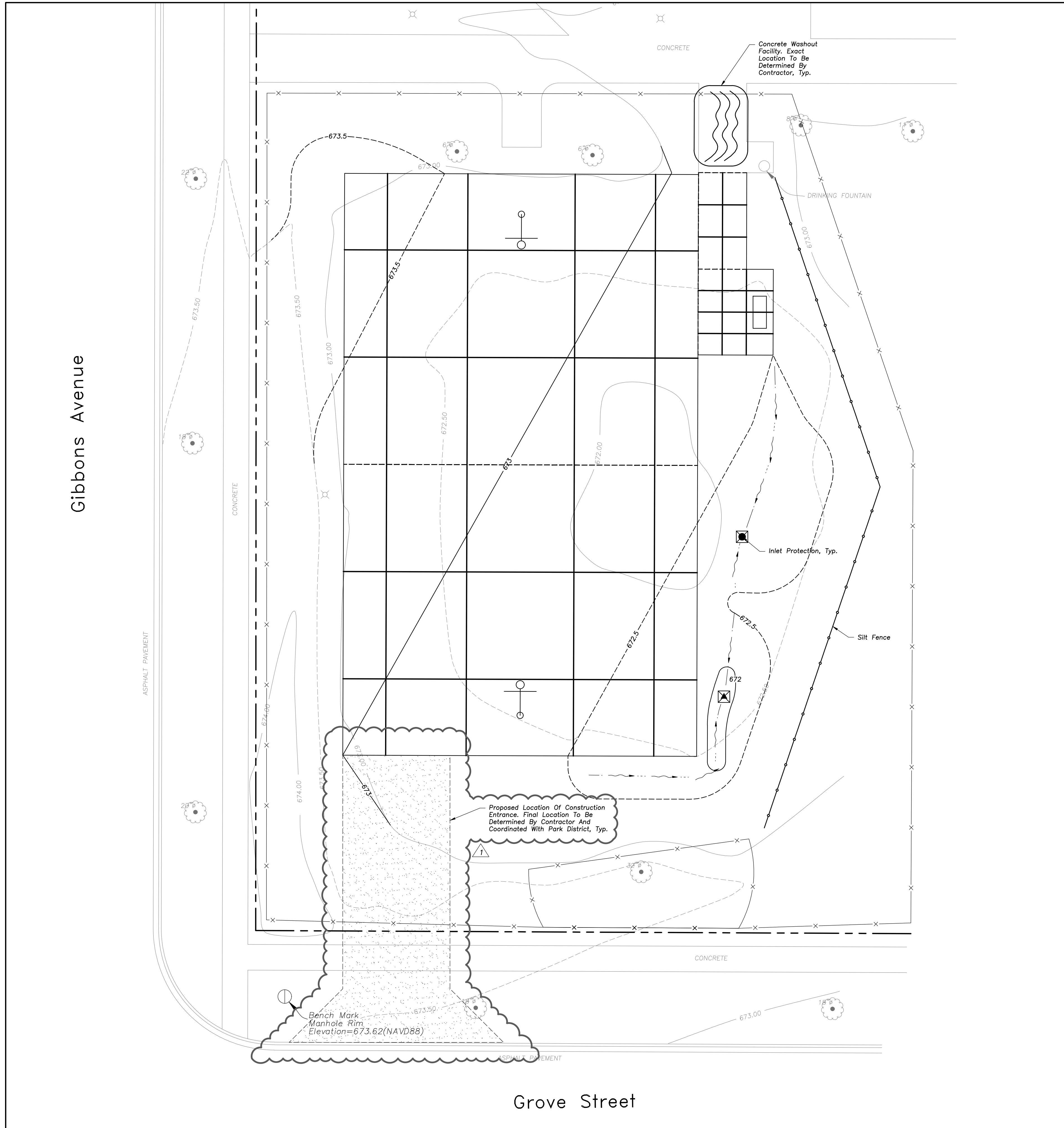
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Design By: NH Approved By: JC Date: 02/17/23

Sheet Title:
GRADING AND PAVING PLAN

Sheet No:
C-E401

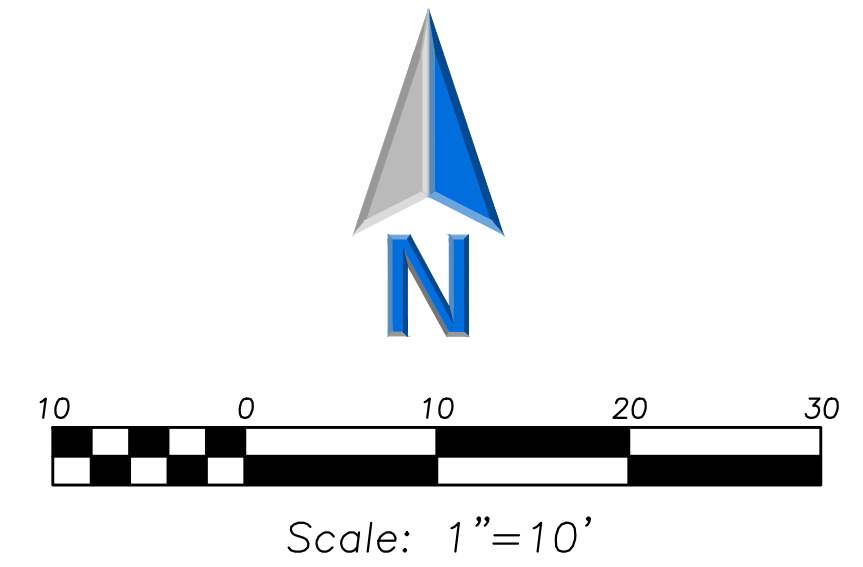


SOIL EROSION & SEDIMENTATION CONTROL LEGEND

- Silt Fence
- ☒ Catch-All, Pork Chop Sediguard (or equal) Paved or Existing Stabilized Areas

SOIL EROSION & SEDIMENTATION CONTROL NOTES

1. Illinois Urban Manual Shall Govern All Soil Erosion and Sediment Control, and Related Work.
2. Soil Disturbance Shall Be Conducted in Such a Manner as To Minimize Erosion. Soil Stabilization Measures Shall Consider the Time of Year, Site Conditions, and the Use of Temporary or Permanent Measures.
3. Soil Erosion and Sediment Control Features Shall Be Constructed Prior to the Commencement of Upland Disturbance.
4. Temporary Soil Stabilization Shall Be Applied to Topsoil Stockpiles and Disturbed Areas. Where Construction Activity Will Not Occur For A Period of More Than 14 Calendar Days, Temporary Measures Shall Be Applied Within 7 Calendar Days of the End of Active Hydrologic Disturbance. The Sediment Control Measures Shall Be Maintained On A Continuing Basis Until The Site Is Permanently Stabilized And All Inspections Are Completed. Permanent Stabilization Shall Be Completed Within 14 Days after Completion of Final Grading of Soil.
5. All Temporary And Permanent Erosion Control Measures Shall Be Removed Within 30 Days After Final Site Stabilization Is Achieved Or After The Temporary Measures Are No Longer Needed. Trapped Sediment And Other Disturbed Soil Areas Shall Be Permanently Stabilized.
6. Final Site Stabilization Is Defined By The EPA General Permit As Meaning That All Soil Disturbing Activities At The Site Have Been Completed, And That A Uniform Perennial Vegetative Cover With A Density Of 70 Percent Of The Cover For Unpaved Areas Not Covered By Permanent Structures Has Been Established Or Equivalent Permanent Stabilization Measures (Such As The Use Of Riprap, Gabions, Or Geotextiles) Have Been Employed.
7. All Storm Sewer Structures That Are, Or Will Be, Functioning During Construction Shall Be Protected, Filtered, Or Otherwise Treated To Remove Sediment. The General Contractor Shall Use "Catch-All" Inlet Protectors (or equal) and Filter Watties Around The Grate In Landscaped Areas And "Catch-All" Inlet Protectors (or equal) In Paved Areas To Prevent Siltation.
8. All Temporary And Permanent Sediment And Erosion Control Measures Must Be Maintained, Repaired, And Inspected In Conformance With All Applicable IEPA-NPDES Phase II.
9. Following The Termination Of Construction Activities And Issuance Of The Required "Notice Of Termination", The Permittees Must Keep A Copy Of The Storm Water Pollution Prevention Plan, Inspection Reports, And Records Of All The Data Used To Complete The Notice Of Intent For A Period Of At Least Three Years Following Final Stabilization.
10. Install And Maintain Silt Fence At The Perimeter Of The Construction Zone And Wetland Areas And As Shown On The Plans. Maintain Silt Fence Throughout Construction And Until Vegetation Has Been Fully Established.
11. Contractor Shall Provide Qualified Soil Erosion and Sediment Control Inspector Services in Accordance with NPDES and Governmental Requirements. Inspections Shall Occur at Every Seven Calendar Days Or Within 24 Hours of a 0.5" or Greater Rainfall Event. Engineer Shall Be Copied on Inspection Logs.
12. The Erosion Control Measures Indicated On The Drawings Are The Minimum Requirements. Additional Measures May Be Required As Directed By The Qualified Soil and Erosion Sediment and Control Inspector Or Governing Agency.
13. Report Releases of Reportable Quantities of Oil or Hazardous Materials If They Occur in Accordance with IEPA NPDES Requirements.
14. All Concrete Washout Shall Conform To The "Temporary Concrete Washout Facility" Standards (Code 954) of the Illinois Urban Manual, Latest Edition.
15. If Necessary, The SWPPP Shall Be Modified To Reflect Changes Required During The Effective Period Of The IEPA NPDES General Permit No ILR10 and Local and County Permits.
16. Dewatering of Excavations Shall be Performed in a Manner Such as Through the use of Filter Bags or Polymer Treated Dewatering Swales, so as to Not Discharge Sediment Laden Water into Storm Sewers Tributary to Open Water.



LEGEND

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LICENSE NO. 184-003220
EXPIRES: 04/30/2023

**ARLINGTON HEIGHTS PARK DISTRICT
RECREATION COURT IMPROVEMENTS**
 EVERGREEN PARK
 336 S. FORREST AVENUE
 ARLINGTON HEIGHTS, ILLINOIS

Reserved for Seal:



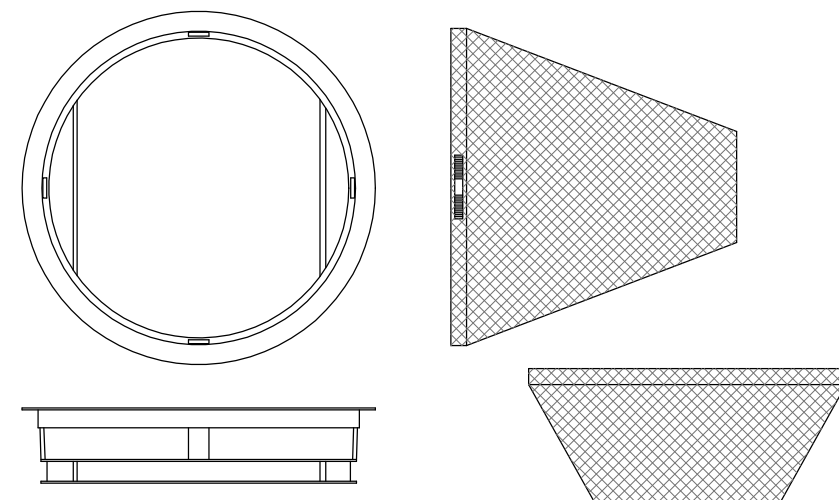
No.	Date	Description
	03/15/23	Issued For Permit
△	05/31/23	Revised For Village Permit

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Design By: NH Approved By: JC Date: 02/17/23

Sheet Title:
**SITE EROSION
AND SEDIMENT
CONTROL PLAN**

Sheet No:
C-E501



General Notes:

Use Marathon Materials, Inc., "Catch-All" Inlet Protectors Or Approved Equal. Inlet Protector Types Shall Be Selected to Fit Frame and Grate of Open Lid Structures to Be Protected. www.marathonmaterials.com

Frame: Top Flange Fabricated From 1 1/4" X 1 1/4" X 1/8" Angle. Base Rim Fabricated From 1 1/2" x 1/2" x 1/8" Channel. Handles And Suspension Brackets Fabricated From 1 1/2" x 1/2" Flat Stock. All Domestic Steel Conforming To ASTM-A36

Sediment Bag: Bag Fabricated From 4 Oz./sq.yd. Non-woven Polypropylene Geotextile Reinforced With Polyester Mesh. Bag Secured To Base Rim With A Stainless Steel Strap And Lock.

Install Baskets in All Existing Storm Inlets Prior To Construction And All New Storm Inlets Immediately After Installation. Contractor Shall Maintain Throughout Construction Activities.

INLET PROTECTORS – SEDIMENT BAG

GENERAL NOTES

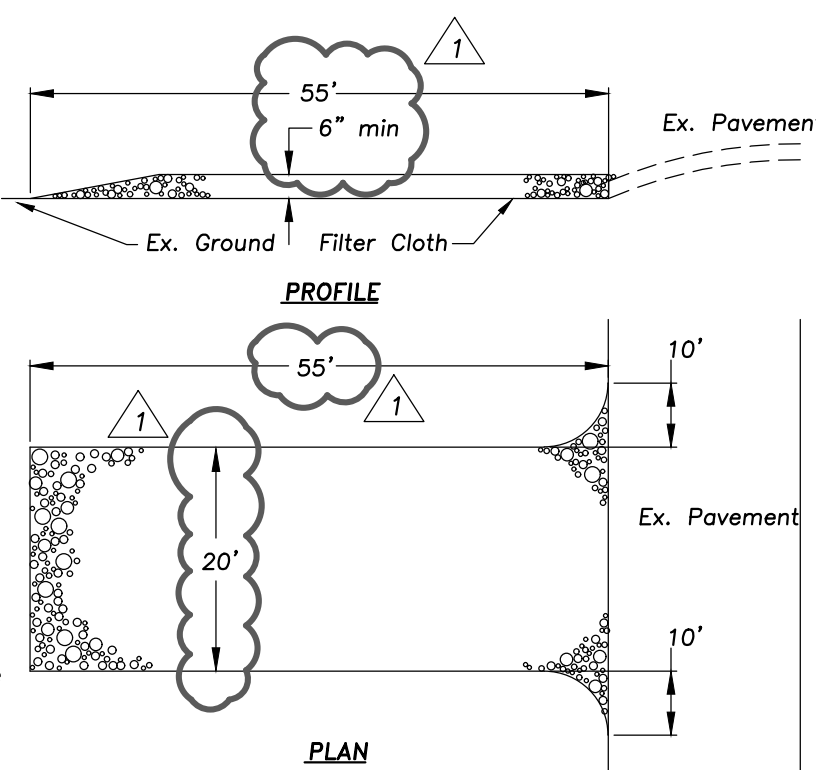
STONE SIZE – Use IDOT gradation CA-1 aggregate stone.

MAINTENANCE – The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or clean-out of any measures used to trap sediment. All sediment spilled, dropped, washed, or tracked onto public rights-of-way must be removed immediately.

FILTER CLOTH – Will be placed over the entire area prior to placing stone. Conform to Illinois Urban Manual Section 592, Type I, II, or IV.

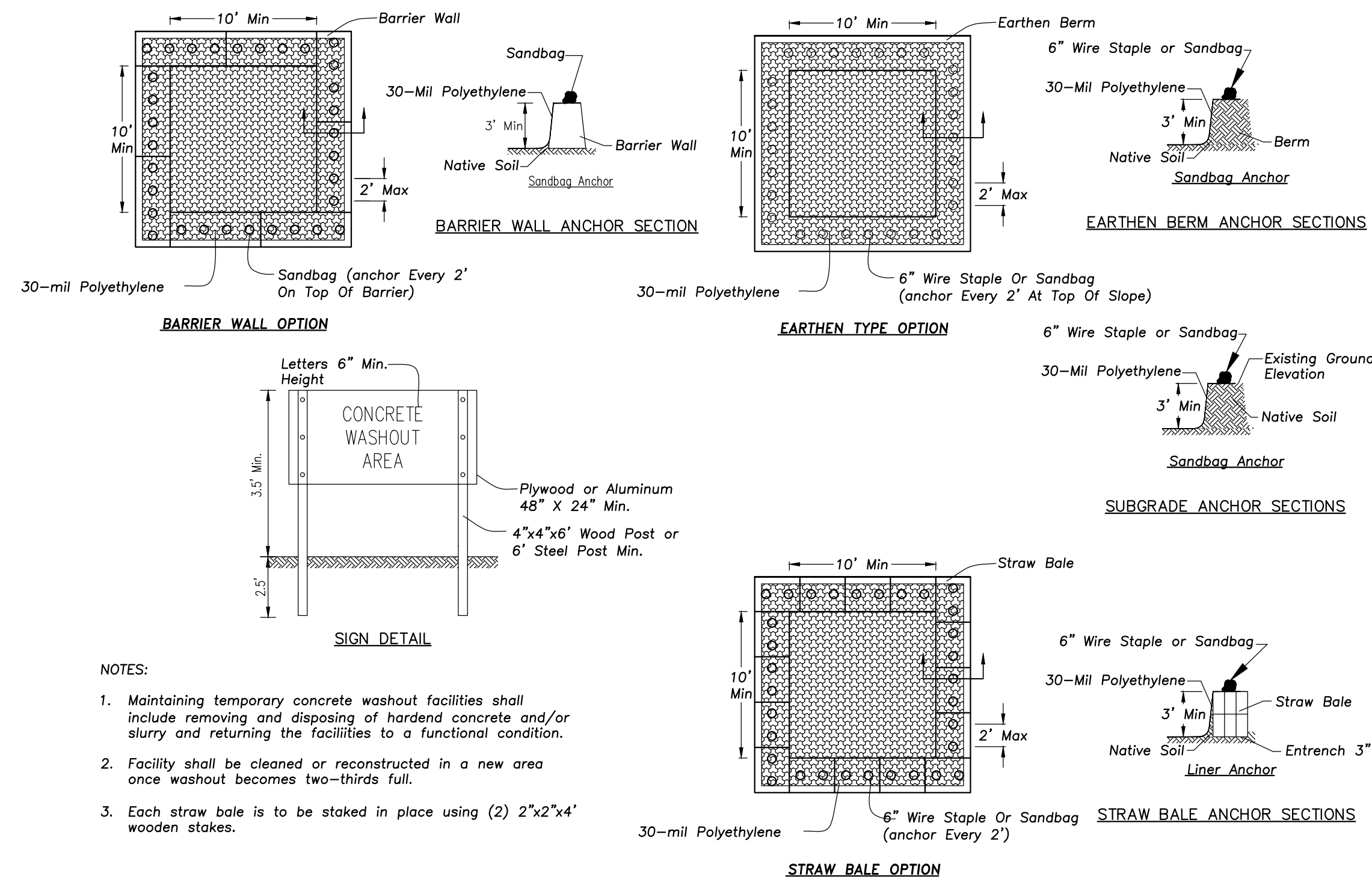
WASHING – Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.

Periodic inspection and needed maintenance shall be provided after each rain.



STABILIZED CONSTRUCTION ENTRANCE

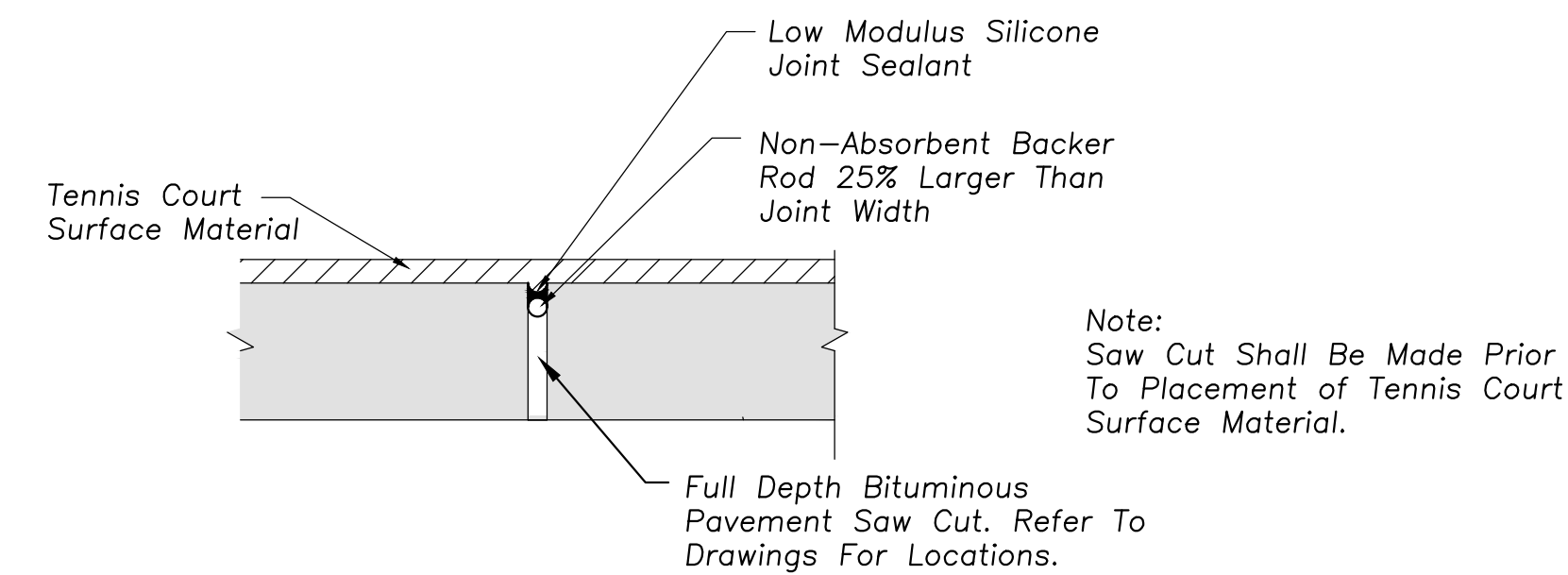
NOT TO SCALE



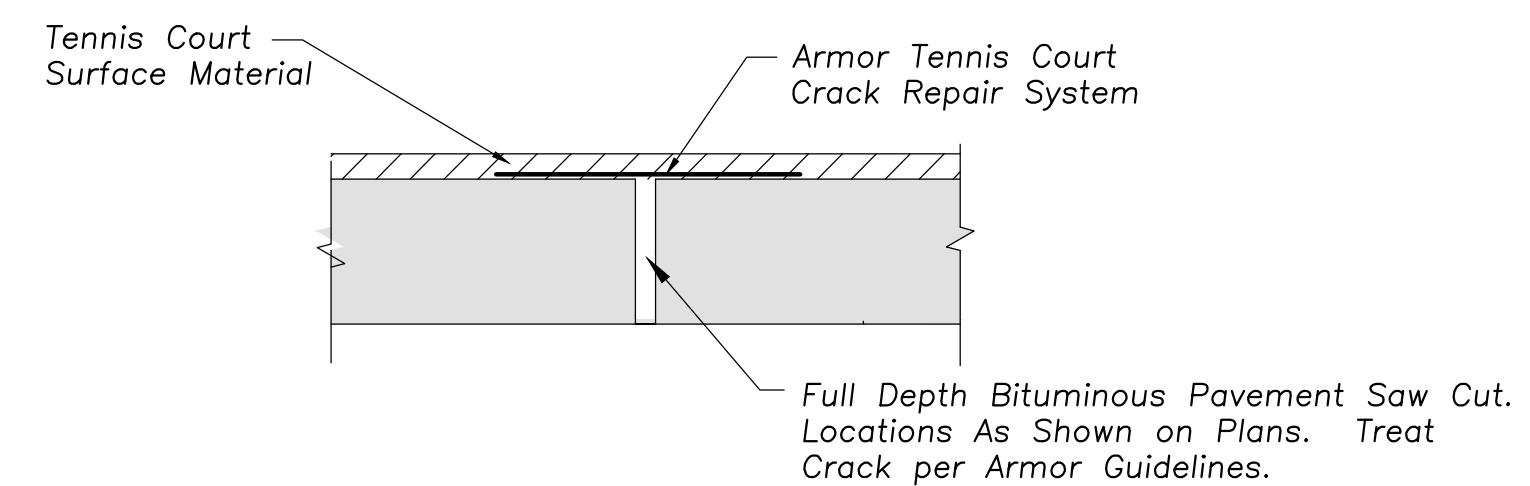
NOTES:

- Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
- Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
- Each straw bale is to be staked in place using (2) 2"x2"x4" wooden stakes.

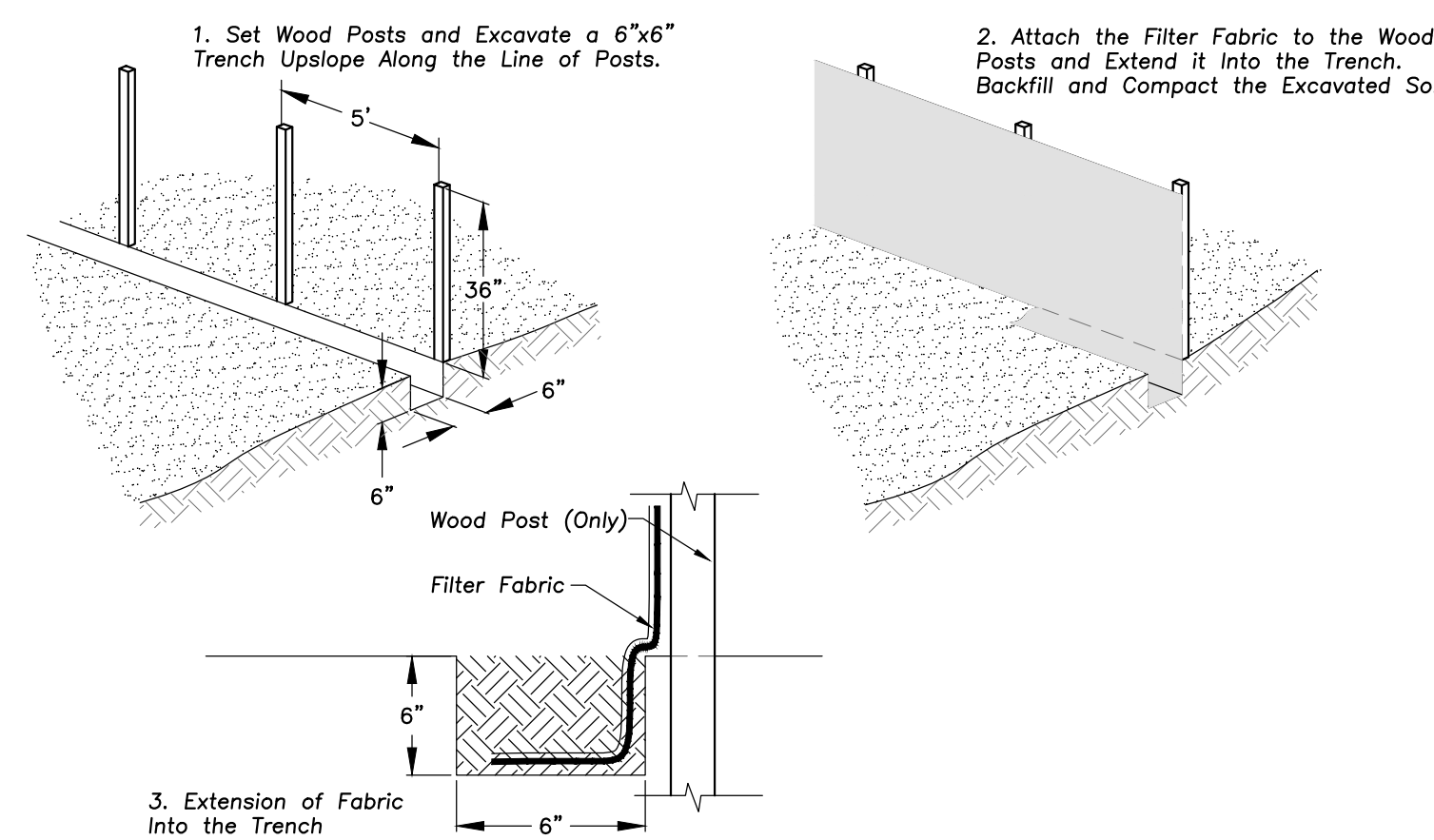
CONCRETE WASHOUT FACILITY



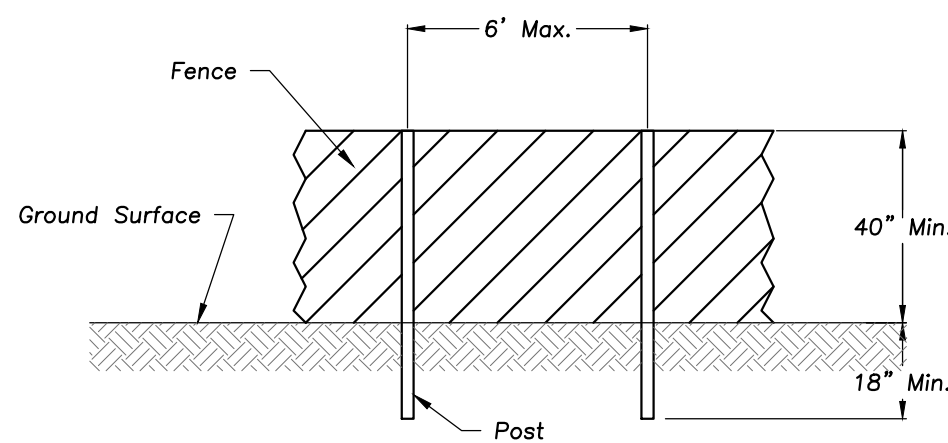
**BASE BID:
TENNIS COURT SAWCUT
JOINT DETAIL**



**ALTERNATE BID #1H:
TENNIS COURT SAWCUT
JOINT WITH ARMOUR
CRACK REPAIR
DETAIL**



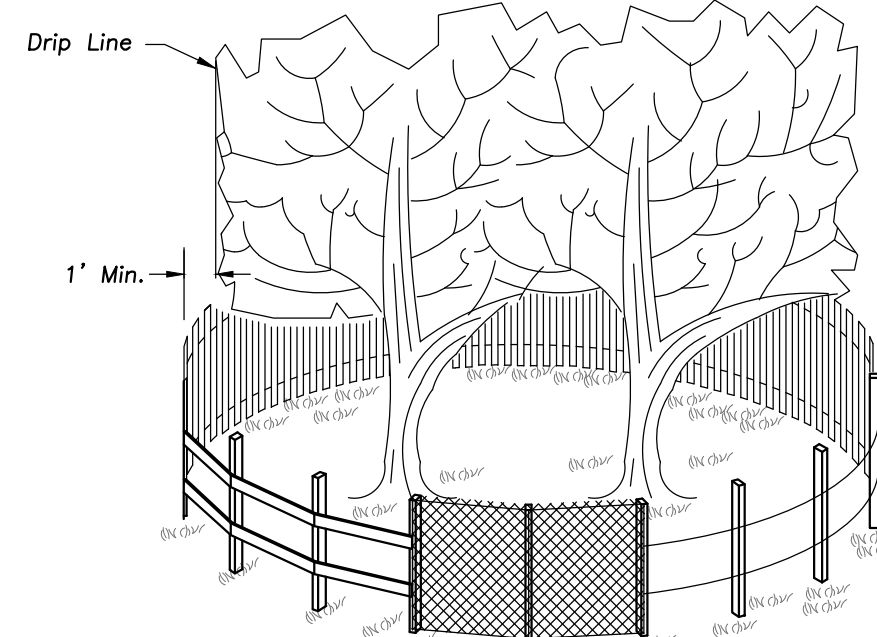
SILT FENCE CONSTRUCTION (AASHTO 288-00)



POST AND FENCE DETAIL

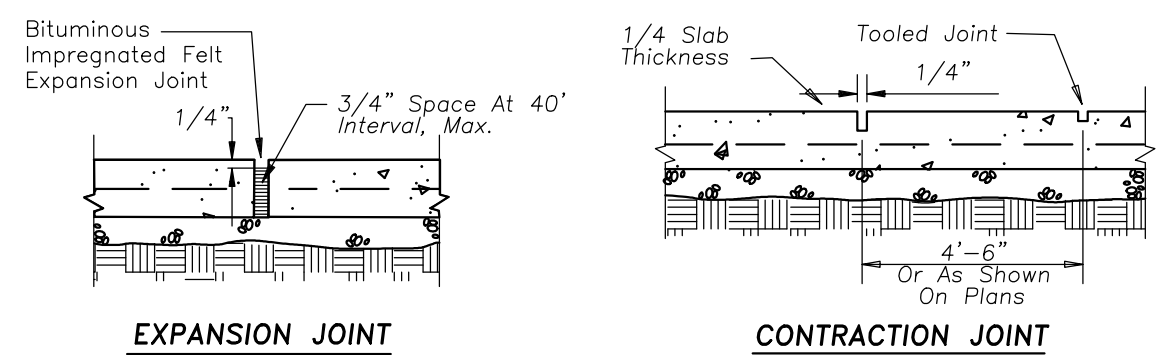
- NOTES:**
- The fence shall be located a minimum of 1 foot outside the drip line of the tree to be saved and in no case closer than 5 feet to the trunk of any tree.
 - Fence posts shall be either standard steel posts or wood posts with a minimum cross sectional area of 3.0 sq. in.
 - The fence may be either 40" high snow fence, 40" plastic web fencing or any other material as approved by the engineer/inspector.

TREE PROTECTION FENCE



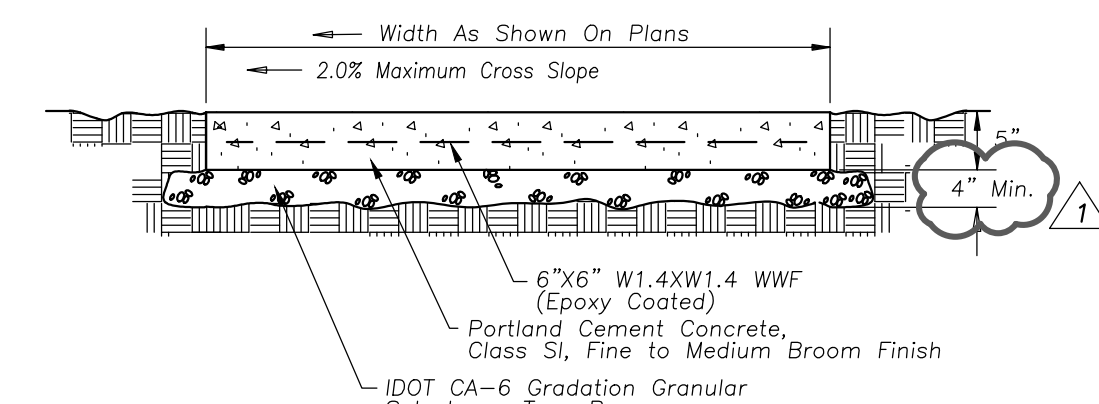
SIDE VIEW

TREE PROTECTION FENCE



EXPANSION JOINT

CONTRACTION JOINT



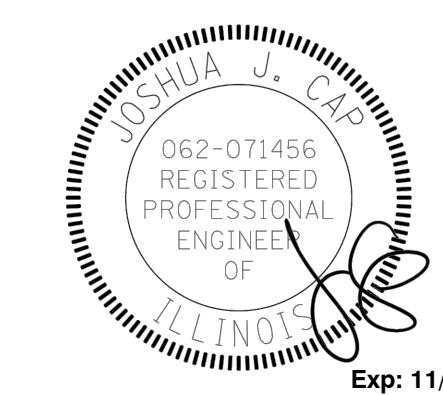
PORTLAND CEMENT CONC. SIDEWALK



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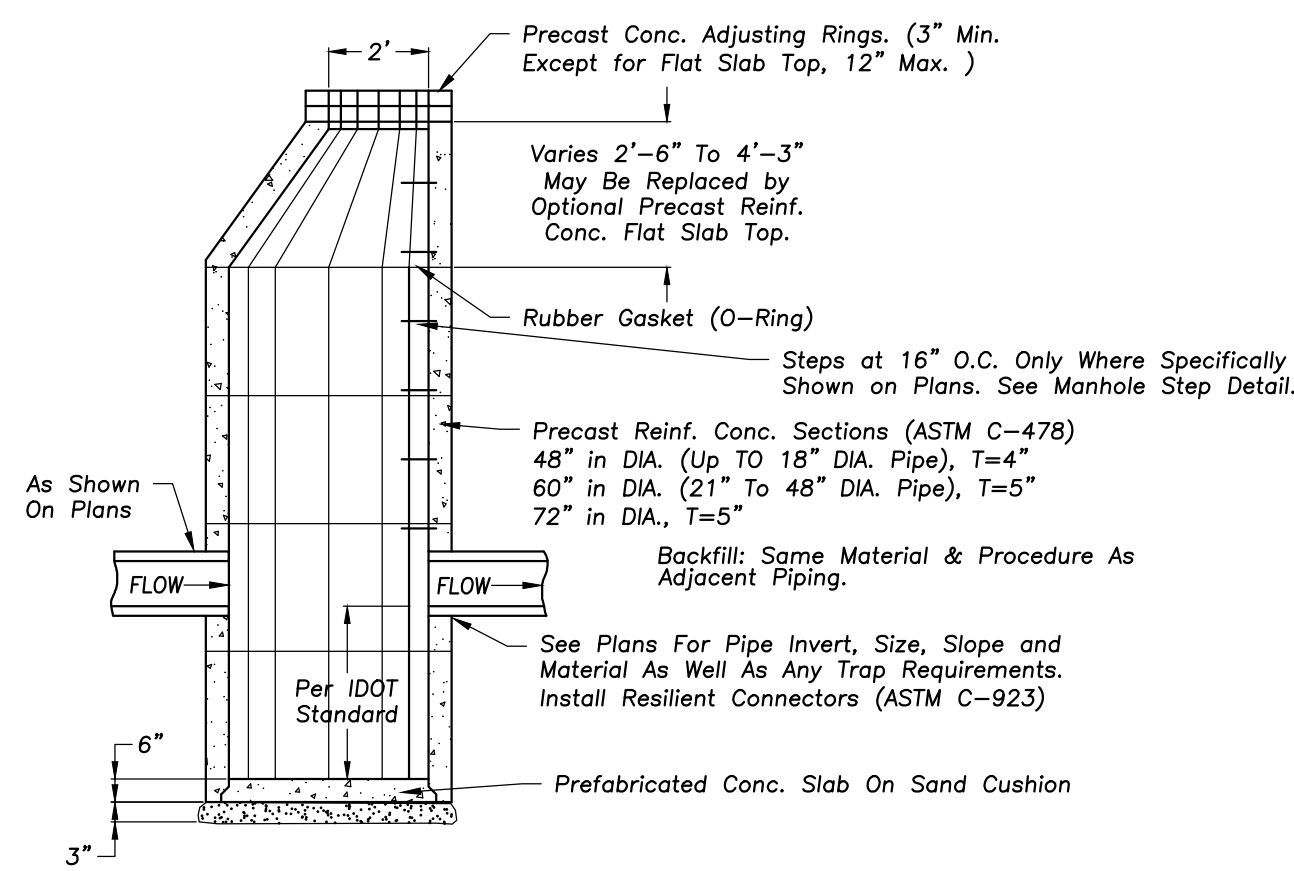
Design By: NH Approved By: JC Date: 02/17/23

Sheet Title:

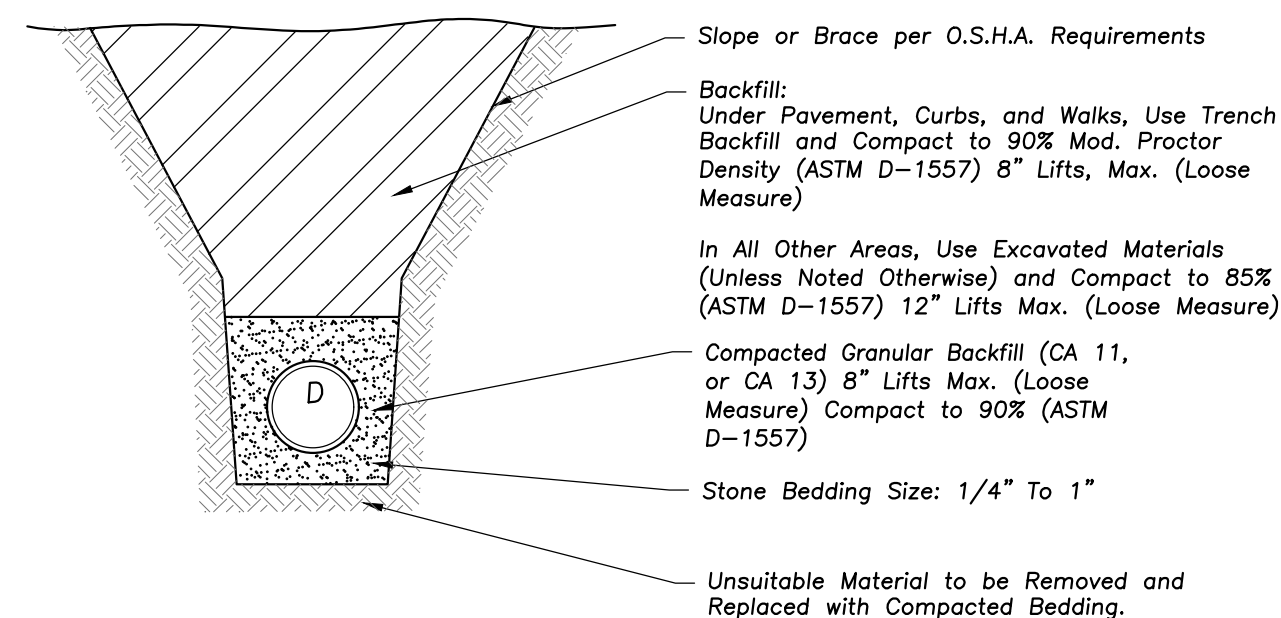
**SITE WORK
DETAILS**

Sheet No.:

C-E601



CATCH BASIN



TRENCH SECTION-PVC PIPE

Section 2722

Engineered Surface Drainage Products

GENERAL

PVC surface drainage inlets shall be of the inline drain type as indicated on the contract drawing and referenced within the contract specifications. The ductile iron grates for each of these fittings are to be considered an integral part of the surface drainage inlet and shall be furnished by the same manufacturer. The surface drainage inlets shall be as manufactured by Nyloplast a division of Advanced Drainage Systems, Inc., or prior approved equal.

MATERIALS

The inline drain required for this contract shall be manufactured from PVC pipe stock, utilizing a thermo-molding process to reform the pipe stock to the furnished configuration. The drainage pipe connection stubs shall be manufactured from PVC pipe stock and formed to provide a watertight connection with the specified pipe system. This joint tightness shall conform to ASTM D3212 for joints for drain and sewer plastic pipe using flexible elastomeric seals. The flexible elastomeric seals shall conform to ASTM F477. The pipe ball spgot shall be joined to the inline drain body by use of a swage mechanical joint. The raw material used to manufacture the pipe stock that is used to manufacture the inline drain body and pipe stubs of the surface drainage inlets shall conform to ASTM D1784 cell class 12454.

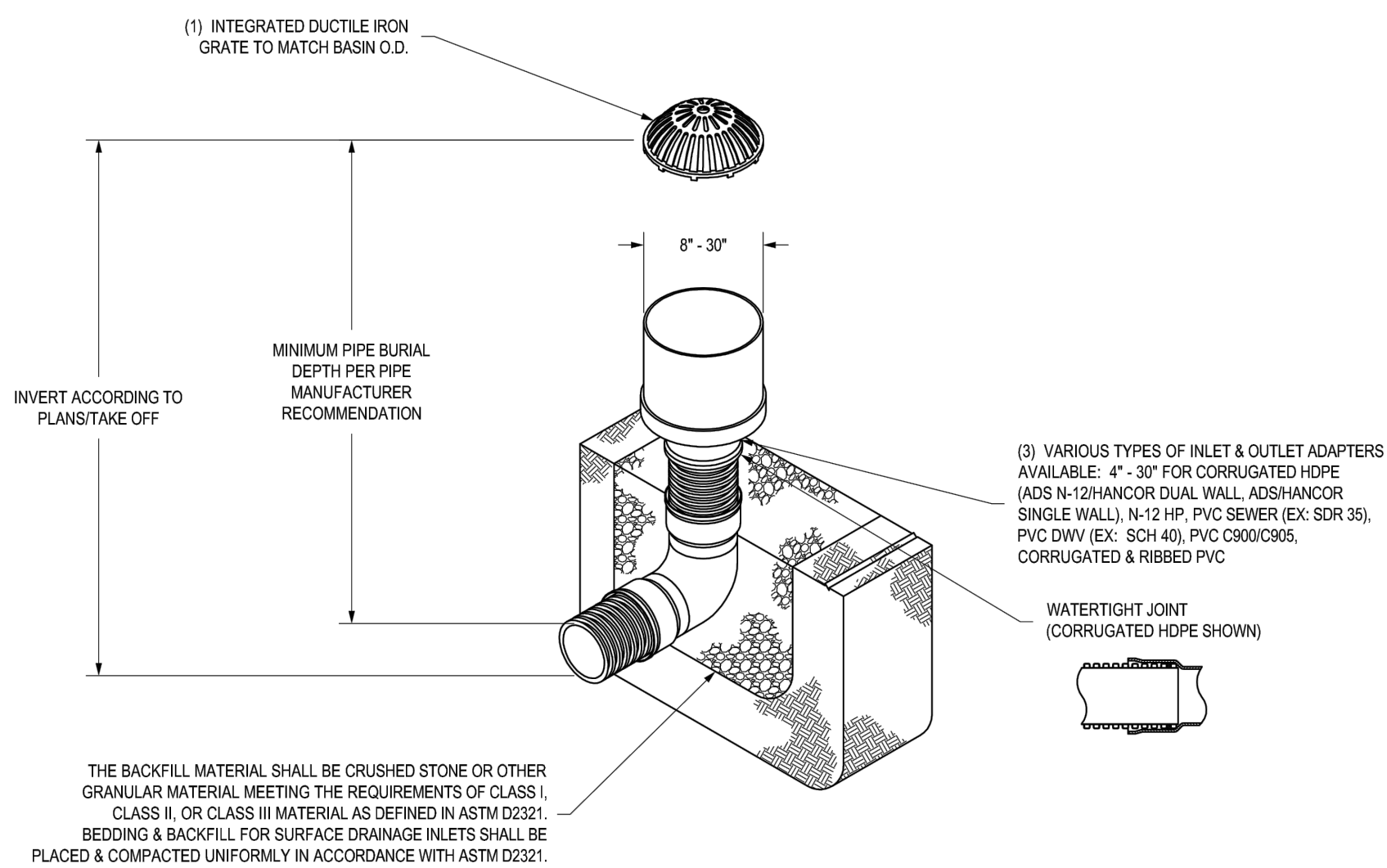
The grates furnished for all surface drainage inlets shall be ductile iron grates for sizes 8", 10", 12", 15", 18", 24" and 30" shall be made specifically for each fitting so as to provide a round bottom flange that closely matches the diameter of the surface drainage inlet. Grates for inline drains shall be capable of supporting H-20 wheel loading for traffic areas or H-10 loading for pedestrian areas. 12" and 15" square grates will be hinged to the frame using pins. Metal used in the manufacture of the castings shall conform to ASTM A536 grade 70-50-05 for ductile iron. Grates shall be provided painted black.

INSTALLATION

The specified PVC surface drainage inlet shall be installed using conventional flexible pipe backfill materials and procedures. The backfill material shall be crushed stone or other granular material meeting the requirements of class 1, class 2, or class 3 material as defined in ASTM D2321. Bedding and backfill for surface drainage inlets shall be well placed and compacted uniformly in accordance with ASTM D2321. The drain basin body will be cut at the time of the final grade. No brick, stone or concrete block will be required to set the grate to the final grade height. For H-20 load rated installations, a concrete ring will be poured under and around the grate and frame. The concrete slab must be designed taking into consideration local soil conditions, traffic loading, and other applicable design factors. For other installation considerations such as migration of lines, ground water, and soft foundations refer to ASTM D2321 guidelines.

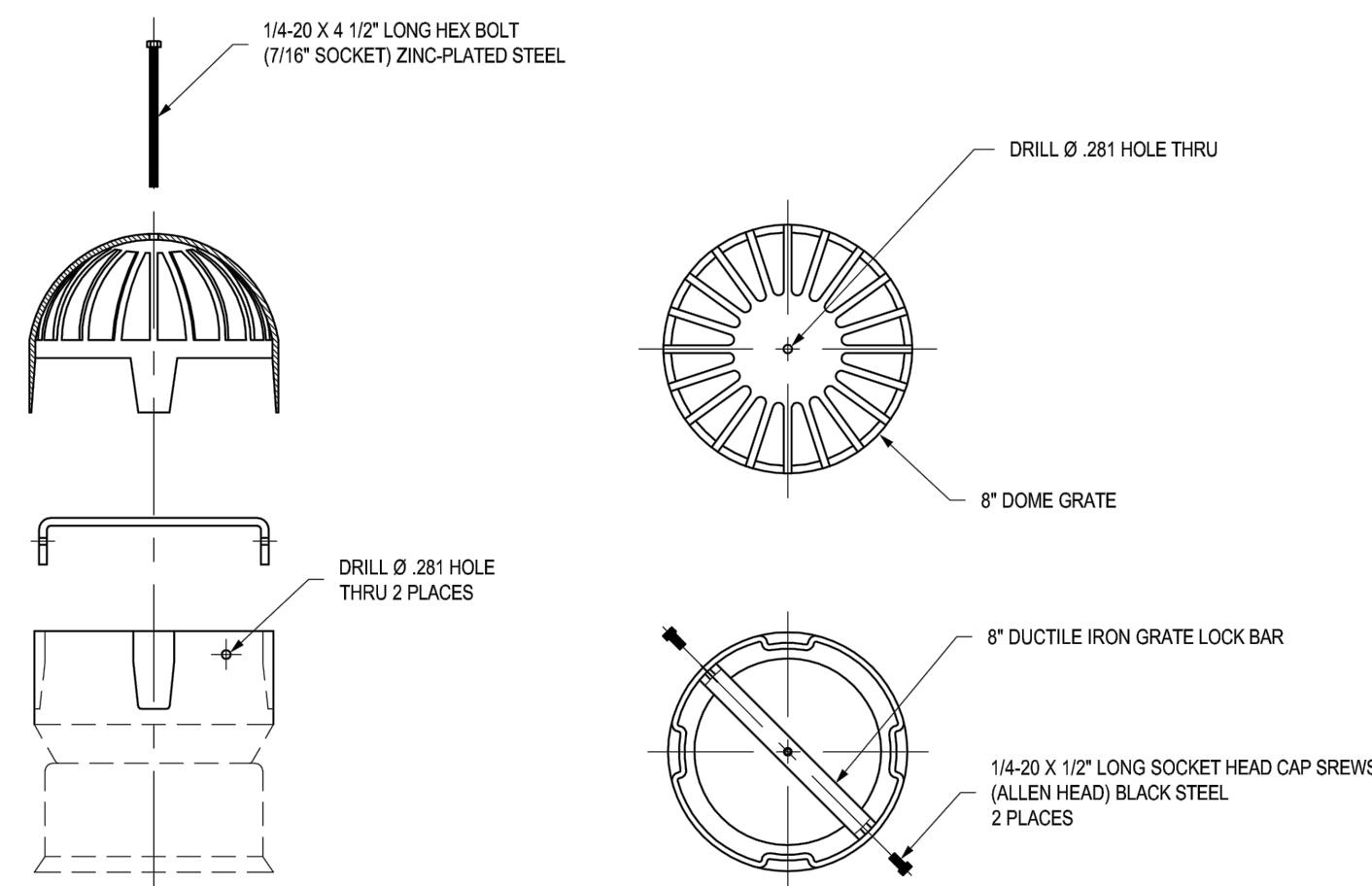
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DATE: 03-19-06	PROJECT NO./NAME:	REVISED BY: NHH	TITLE:	
DATE: 03-15-16	8 IN - 30 IN INLINE DRAIN SPECIFICATIONS	DWG SIZE: A	SCALE: 1:1	SHEET: 1 OF 1
DWG NO.:	7005-110-009	REV:	H	

NYLOPLAST INLINE DRAIN WITH DOME GRATE



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DATE: 03-25-10	PROJECT NO./NAME:	REVISED BY: NHH	TITLE:	
DATE: 03-15-16	8 IN - 30 IN INLINE DRAIN WITH DOME GRATE QUICK SPEC INSTALLATION DETAIL	DWG SIZE: A	SCALE: 1:40	SHEET: 1 OF 1
DWG NO.:	7003-110-057	REV:	D	

0899CGDL



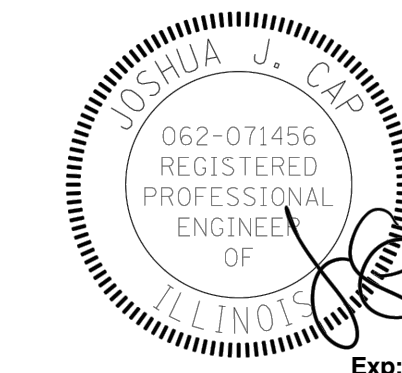
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DATE: 02-29-06	PROJECT NO./NAME:	REVISED BY: CCA	TITLE:	
DATE: 09-03-13	8 IN DOME LOCKING GRATE ASSEMBLY	DWG SIZE: A	SCALE: 1:6	SHEET: 1 OF 1
DWG NO.:	7001-116-228	REV:	C	



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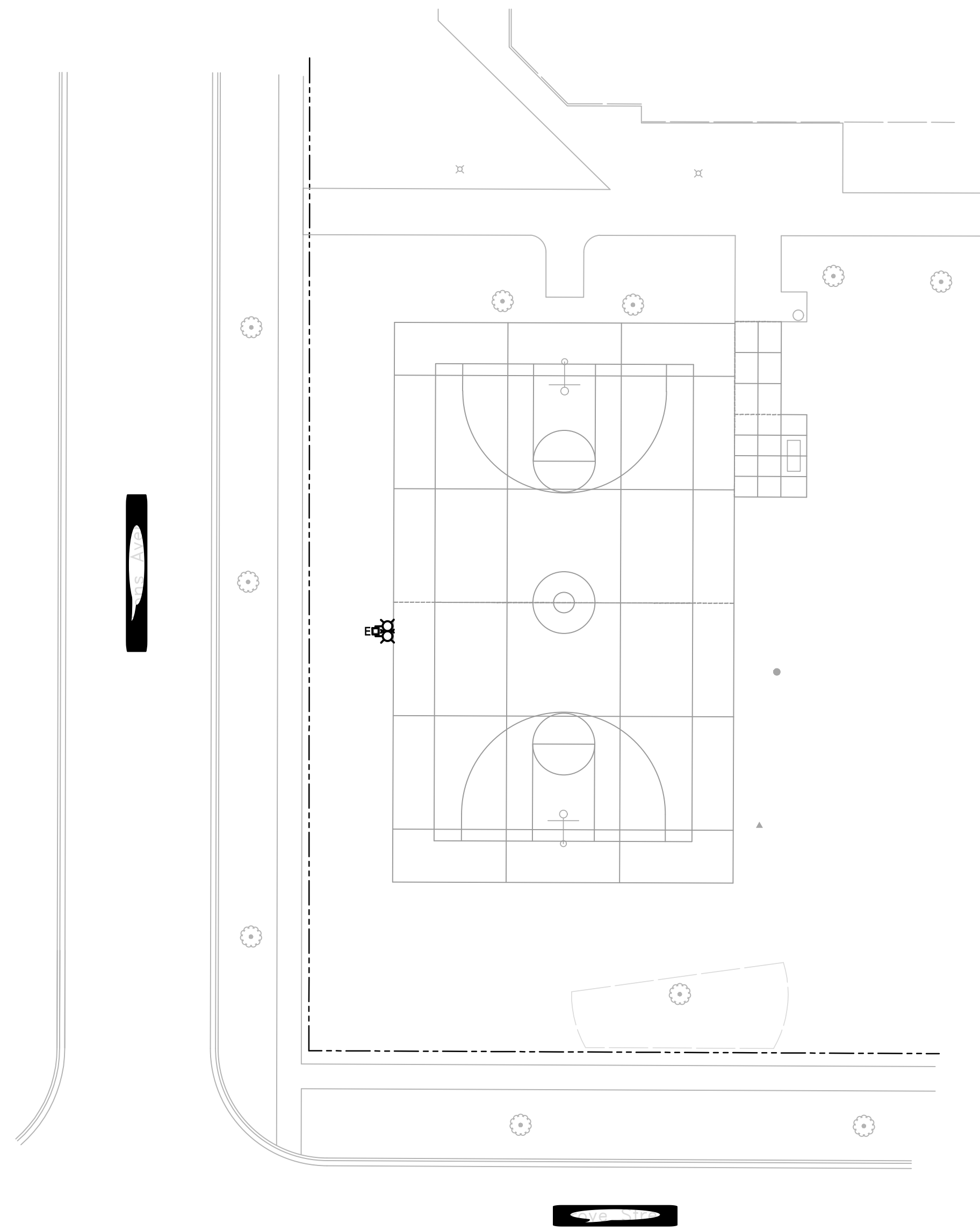
DESIGN BY: NHH	APPROVED BY: JC	DATE: 02/17/23
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Sheet Title:

SITE WORK
DETAILS

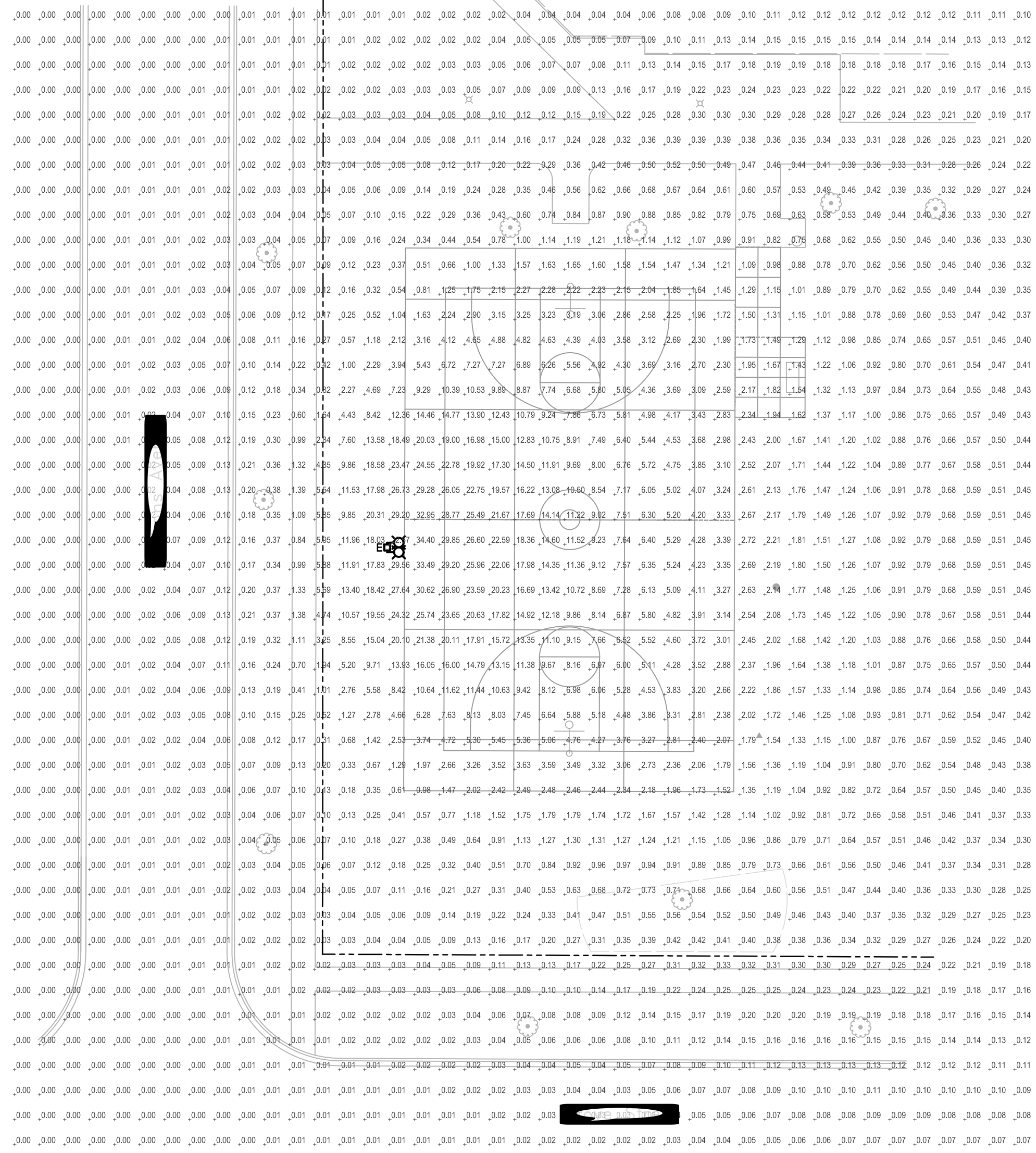
Sheet No.:

C-E602



ELECTRICAL SITE PLAN
SCALE: 1"=20'-0"

- NOTES:**
- E.C. TO REUSE EXISTING LIGHTING CIRCUIT AND LIGHTING CONTROL CURRENTLY FEEDING EXISTING LIGHTING.
 - E.C. TO PROVIDE NEW POLE AND LUMINAIRES. E.C. TO MATCH EXISTING POLE HEIGHT AND COLOR. PROVIDE NEW CONCRETE BASE IF REQUIRED. FIELD VERIFY EXISTING CONDITIONS.



PHOTOMETRIC SITE PLAN
SCALE: 1"=20'-0"

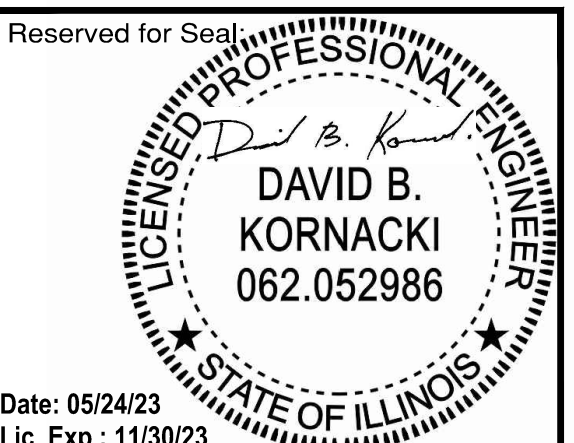
- LIGHTING ANALYSIS NOTES:**
- AVERAGE FOOTCANDLES: 8.07
 - MAXIMUM FOOTCANDLES: 26.60
 - MINIMUM FOOTCANDLES: 1.64
 - MAXIMUM/MINIMUM RATIO: 16.2:1
 - AVERAGE/MINIMUM RATIO: 4.9:1



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**ARLINGTON HEIGHTS PARK DISTRICT
RECREATION COURT IMPROVEMENTS
ALTERNATE 3
EVERGREEN PARK
336 FORREST AVENUE
ARLINGTON HEIGHTS, ILLINOIS**



No.	Date	Description
	03/07/23	ISSUE FOR PERMIT & BID
△	05/24/23	PERMIT REVIEW COMMENTS

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Sheet Title:
ELECTRICAL SITE PLAN

Sheet No.:
E101

