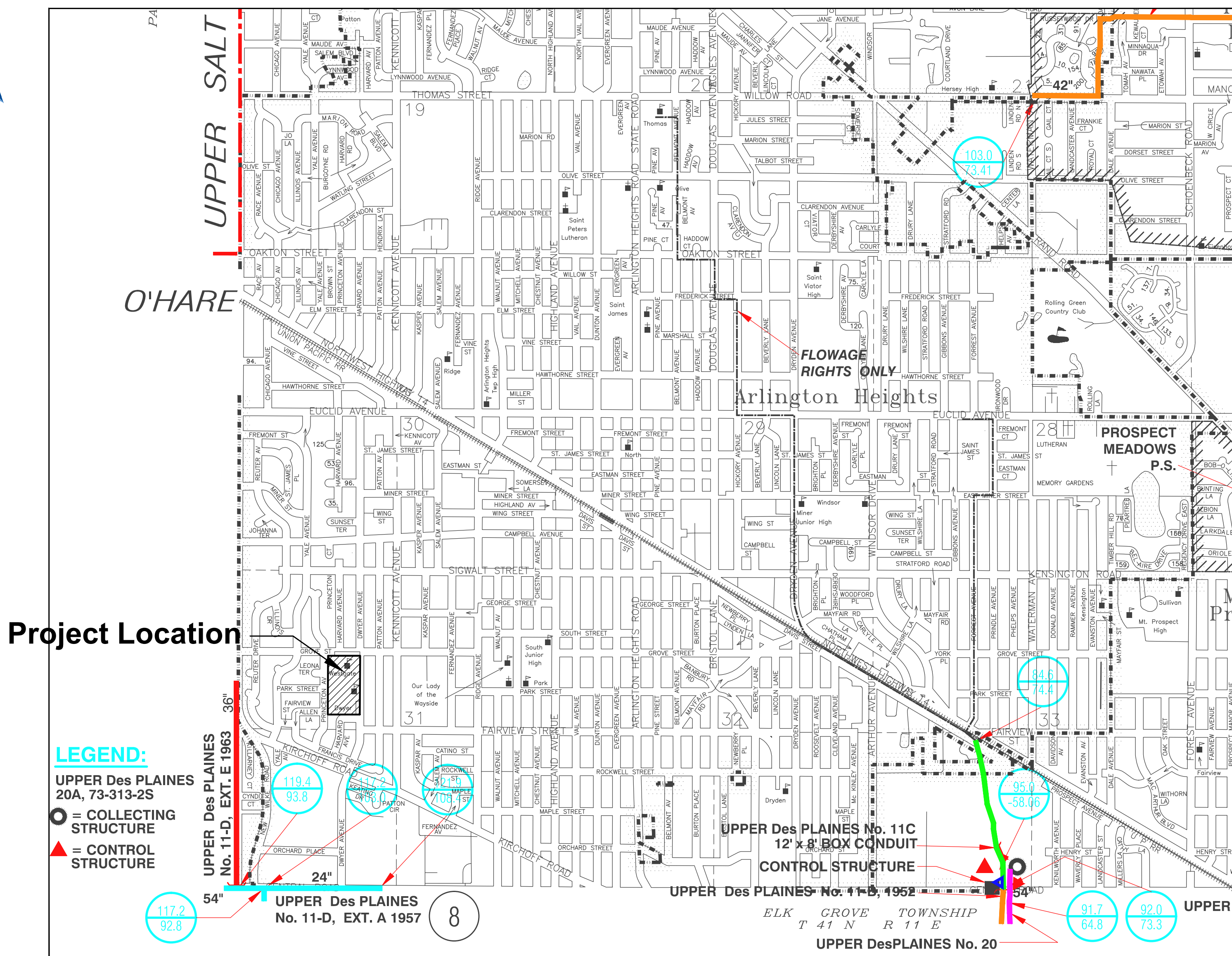


WESTGATE ELEMENTARY SCHOOL BUILDING ADDITION AND RENOVATIONS

500 S. Dwyer Avenue
Arlington Heights, IL 60005

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

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



CIVIL SHEET INDEX

C000	CIVIL COVER SHEET
C001	TOPOGRAPHICAL SURVEY
C002	MWRD GENERAL NOTES
C101	SITE DEMOLITION PLAN
C102	SITE DEMOLITION PLAN
C201	SITE GEOMETRY PLAN
C202	SITE GEOMETRY PLAN
C301	SITE UTILITY PLAN
C302	SITE UTILITY PLAN
C401	SITE GRADING AND PAVING PLAN
C402	SITE GRADING AND PAVING PLAN
C501	SITE EROSION AND CONTROL PLAN
C502	SITE EROSION AND CONTROL PLAN
C601	SITE WORK DETAILS
C602	SITE WORK DETAILS

LANDSCAPE SHEET INDEX

L100	LANDSCAPE PLAN
L200	PRELIMINARY LANDSCAPE DETAILS

EXHIBIT INDEX

Provided Under	CX101	EXISTING VS. PROPOSED SITE COVERAGE
Separate Cover	CX201	EXISTING VS. PROPOSED DEVELOPMENT AREA (VILLAGE SWM)
	CX202	EXISTING VS. PROPOSED DEVELOPMENT AREA (MWRD SWM)
	CX301	TRIBUTARY AREA EXHIBIT
	CX401	VILLAGE FIRE TRUCK EXHIBIT

SURVEY PROVIDED BY:

Topographical Survey Provided By R.E. Allen and Associates,
Ltd. For Arlington Heights School District 25 On September
22, 2022. File Number 10-17.

PROJECT BENCHMARKS

SOURCE BENCHMARK:
Village Of Arlington Heights Benchmark Recovery Sheet
Benchmark Designation: 52
At Campbell Street And Wilke Road
Elevation = 707.58 NAVD88

SITE BENCHMARK:
Survey Control Point, Cut Cross On The North Side Of
Sidewalk
Elevation = 692.48 NAVD88
Easting: 1075361.81
Northing: 1970965.92

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

DRAINAGE STATEMENT

To The Best Of Our Knowledge And Belief, It Is Our Professional Opinion That The Proposed
Improvements On The Property Are Not Within One-Hundred (100) Feet Of A Known Flood
Protection Area. The Drainage Of The Surface Waters Will Not Be Changed By The
Construction Of This Development Or Any Part Thereof, Or That If Such Surface Water
Drainage Will Be Changed, Reasonable Provisions Have Been Made For The Collection And
Diversion Of Such Surface Waters Into Public Areas Or Drains Which The Property Owner Has
A Right To Use, And That Such Surface Waters Will Be Planned For In Accordance With
Generally Accepted Engineering Practices So As To Reduce The Likelihood Of Damage To The
Adjoining Property Because Of The Construction Of The Development.



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

WESTGATE ELEMENTARY SCHOOL
BUILDING ADDITION AND RENOVATIONS
500 S. DWYER AVENUE
ARLINGTON HEIGHTS, ILLINOIS

Reserved for Seal:

No.	Date	Description
11/17/22	11/17/22	ISSUE FOR PLAN COMMISSION
01/06/23	01/06/23	REVISED FOR PLAN COMMISSION
01/18/23	01/18/23	REVISED FOR PLAN COMMISSION

Design By:	Approved By:	Date:
JC	TH	11/17/22

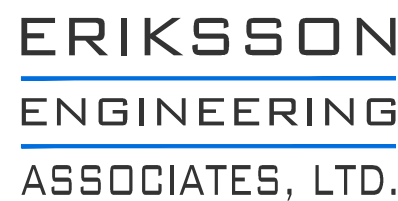
Sheet Title:

CIVIL COVER
SHEET

Sheet No:

C000

NOT FOR CONSTRUCTION



500 S. DWYER AVENUE
ARLINGTON HEIGHTS, ILLINOIS

**WESTGATE ELEMENTARY SCHOOL
BUILDING ADDITION AND RENOVATIONS**

NOT FOR CONSTRUCTION

Sheet No:

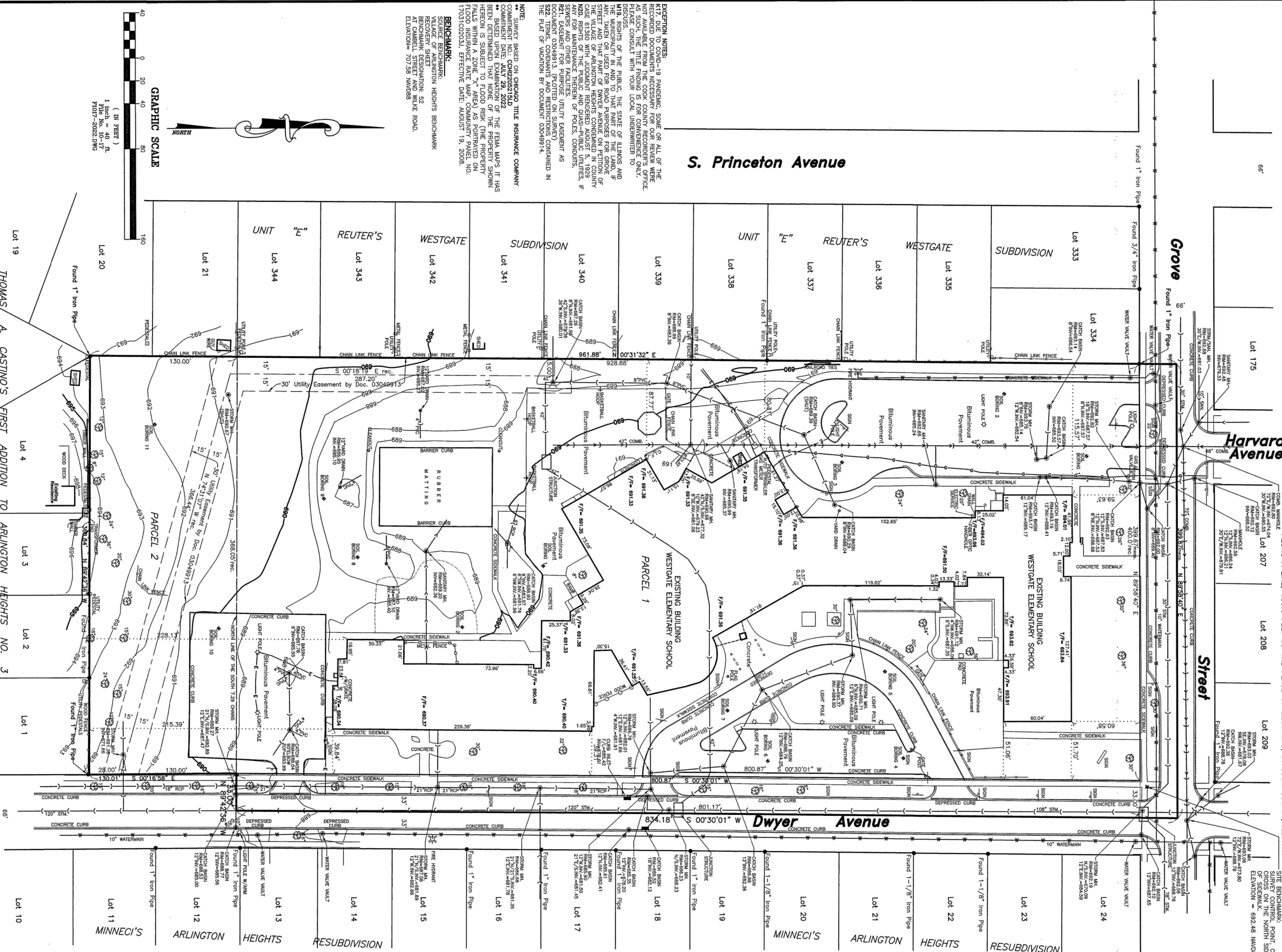
C001

PLAT OF SURVEY

WESTGATE ELEMENTARY SCHOOL

[illegible]

SITE BENCHMARK:
SURVEY CONTROL POINT, CUT
CROSS ON THE NORTH SIDE
OF SIDEWALK.
ELEVATION = 692.48 NAVD88



S. Princeton Avenue

EXCEPTION NOTES

[illegible]

** SURVEY BASED ON CHICAGO TITLE INSURANCE COMPANY
COMMENT NO.: CCH220251ELD
COMMENT DATE: JULY 29, 2022
** BASED UPON EXAMINATION OF THE FEMA MAPS IT HAS
BEEN DETERMINED THAT NONE OF THE PROPERTY SHOWN
HEREON IS SUBJECT TO FLOOD RISK (THE PROPERTY
FALLS WITHIN A ZONE "X" AREA) AS PORTAYED ON
FLOOD INSURANCE RATE MAP. CUMULANT PANEL NO:
7031020203J, EFFECTIVE DATE: AUGUST 19, 2008.

VILLAGE OF ARLINGTON HEIGHTS BENCHMARK
RECOVERY SHEET
BENCHMARK DESIGNATION: 52
AT CABBELL STREET AND WILKE ROAD.
ELEVATION= 707.58 NAVD88

STATE OF ILLINOIS
COUNTY OF LAKE
S.S.

55

1. BRYAN J. LEE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, DO HEREBY CERTIFY THAT I HAVE SURVEYED AND STAKED THE LAND AS DESCRIBED IN THE ABOVE CAPTION, ANY STRUCTURES SHOWN HEREON ARE LOCATED THEREON IN A CORRECT REPRESENTATION OF SAID HEREON, AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED AT SPRAVS LAKE, ILLINOIS THIS 29th DAY OF DECEMBER, A.D. 2022.

UNDERGROUND UTILITY LINE LEGEND

Harvard Avenue

NOTES: ATTENTION: ERIE/PAWS, INC. 00000

PLAT IS VOID if the Impressed Surveyor's Seal does not appear.

Only those Building Lines or Easements shown on a Recorded Subdivision Plat or from a Recorded Document are shown hereon: check local ordinances before building.

Compare your description and site markings with this plat and AT ONCE report any discrepancies which you may find.

R.E. ALLEN AND ASSOCIATES, LTD.
PROFESSIONAL LAND SURVEYORS

MY LICENSE EXPIRES 11-30-24
PROFESSIONAL DESIGN FIRM NO. 184-002732

REVISSED SURVEY WITH TITLE POLICY 12-30-2022 B.J.L.

A. REFERENCED SPECIFICATIONS

1. 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 _____ 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

1. 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).

2. THE VILLAGE OF _____ 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.

3. 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.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88). CONVERSION FACTOR IS _____ FT.

2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.

3. 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.

4. 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.

5. 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.

6. 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.

7. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.

8. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.

9. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.

10. 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

1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.

2. 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.

3. 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.

4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).

5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.

6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.

7. 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 18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM D-3034 ASTM F-679	ASTM D-3212 ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350 ASTM D-3035	ASTM D-3261, F-2620 (HEAT FUSION) ASTM D-3212, F-477 (GASKETED)
WATER MAIN QUALITY PVC 4-INCH TO 36-INCH 4-INCH TO 12-INCH 14-INCH TO 48-INCH	ASTM D-2241 AWWA C900 AWWA C905	ASTM D-3139 ASTM D-3139 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

8. ALL 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.
9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.
11. 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) 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.
b) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
c) 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.
12. 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 WATERMAINS 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.
13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
14. 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.
15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.
16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
17. 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.
18. 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**
1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
b) 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.
6. 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.
7. 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.
8. 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.
9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
10. 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.
11. 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.
12. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
13. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
14. 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.
15. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
16. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
17. 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.
18. 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.
19. THE CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS 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.
20. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
21. 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.
22. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
23. 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



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-H03220
EXPIRES: 04/30/2023

WESTGATE ELEMENTARY SCHOOL
BUILDING ADDITION AND RENOVATIONS
500 S. DWYER AVENUE
ARLINGTON HEIGHTS, ILLINOIS

Reserved for Seal:

No.	Date	Description
	11/17/22	ISSUE FOR PLAN COMMISSION
⚠	01/06/23	REVISED FOR PLAN COMMISSION
⚠	01/18/23	REVISED FOR PLAN COMMISSION

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Design By: JC	Approved By: TH	Date: 11/17/22

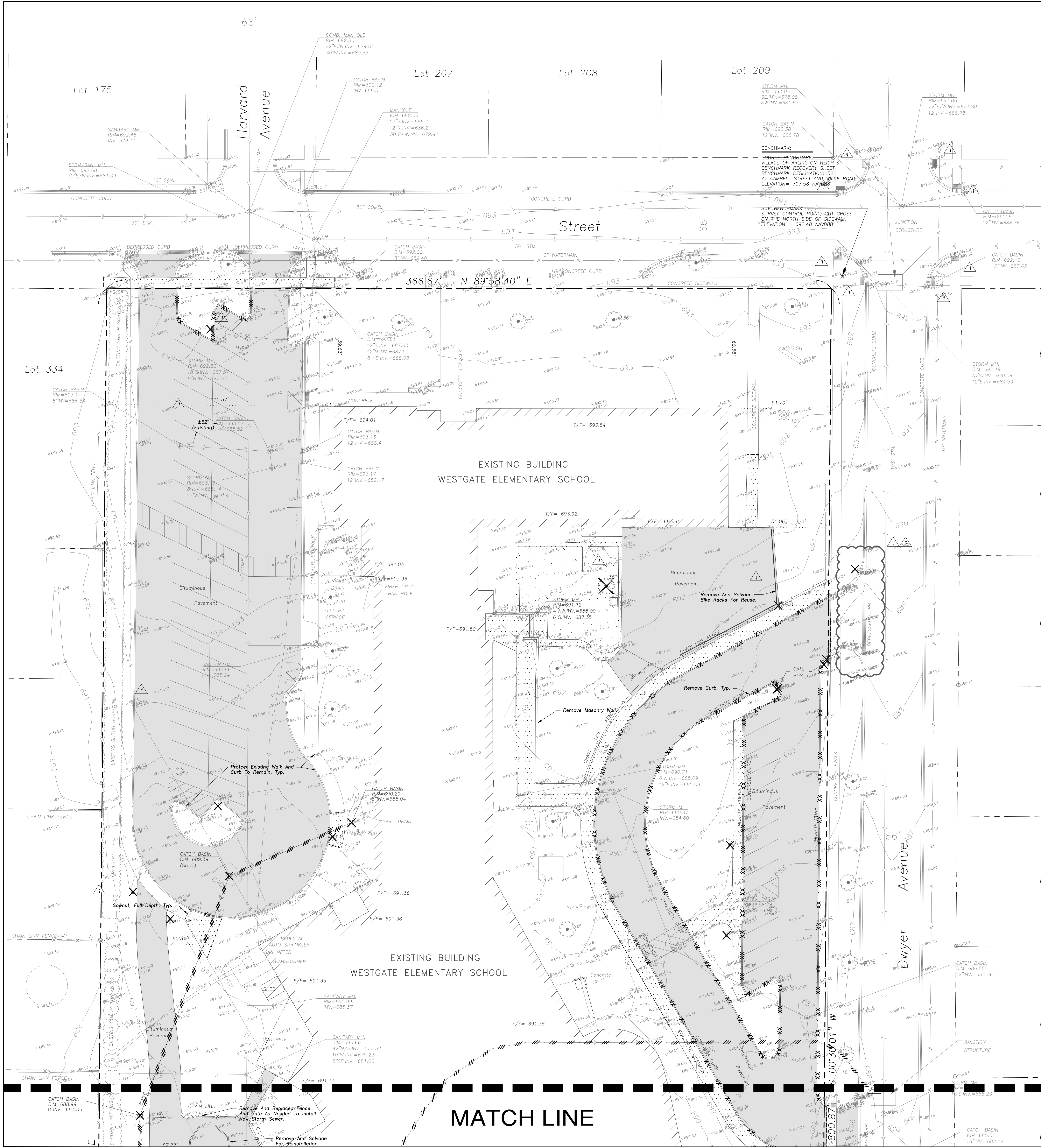
Sheet Title:

MWRD GENERAL
NOTES

Sheet No:

C002

NOT FOR CONSTRUCTION

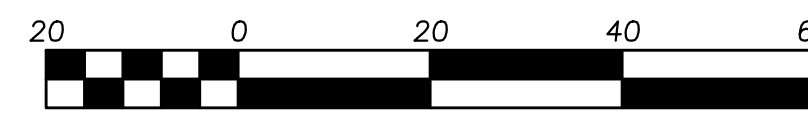


DEMOLITION NOTES

- All Signs to Be Removed Shall Be Salvaged and Stored in the Owner's Facility for Future Use as Applicable.
- Keep All Village Of Arlington Heights Streets Free and Clear of Construction Related Dirt/Dust/Debris.
- Coordinate Existing Utility Removal with Local Authorities and Utility Companies Having Jurisdiction.
- Coordinate Removal of Overhead Wires And Utility Poles With Authorities Having Jurisdiction And Respective Utility Providers.
- The Existing Building is to Remain Operational During Construction. Therefore, the Temporary Relocation of All Necessary Utilities Serving the Existing Building Shall Be Coordinated Prior to the Commencement of Construction Operations.
- 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.
- Provide and Maintain All Necessary Traffic Control and Safety Measures Required During Demolition and Construction Operations Within or Near the Public Roadway.
- All Light Poles to Be Removed From Private Property Shall Be Removed in Their Entirety, Including Base and All Appurtenances. Coordinate Abandonment of Electrical Lines With Electrical Engineer and Owner Prior to Demolition.
- Perform Tree Pruning In All Locations Where Proposed Pavement And/Or Utility Installation Encroach Within The Existing Drip Line Of Trees to Remain. All Trenching Within The Drip Line Of Existing Trees to Remain Shall Be Done Radially Away From Trunk If Roots in Excess Of 1" Diameter are Exposed. Roots Must Be Cut By Reputable Tree Pruning Service Prior To Any Transverse Trenching. Obtain Approval Of The Architect Prior To Operations For A Variance From This Procedure.
- Coordinate Tree Removal with Landscape Architect. All Trees to Be Removed Shall Be Removed in Their Entirety and Stumps Shall Be Ground to Proposed Subgrade. Use As Much For Proposed Landscaping Where Applicable and Acceptable to Architect.
- Provide Tree Protection Fencing Prior to Construction Operations. Maintain Throughout Construction.

DEMOLITION LEGEND

- Utility Line Removal
- Bituminous Pavement Removal (Full Depth)
- Concrete Pavement Removal (Full Depth)
- Gravel Removal (Full Depth)
- Pavement Sawcut
- Curb & Gutter Removal
- Structure Removal
- Tree Removal



Scale: 1"=20'

LEGEND

- Manhole
- Catch Basin
- Manhole
- Area Drain
- Clean Out
- Flared End Section
- Storm Sewer
- Sanitary Sewer
- Combined Sewer
- Water Main
- Gas Line
- Overhead Wires
- Electrical Cable (Buried)
- Telephone Line
- Fire Hydrant
- Valve Vault
- Buffalo Box
- Downspout
- Ballard
- Gas Valve
- Gas Meter
- Electric Meter
- ComEd Manhole
- Hand Hole
- Light Pole
- Light Pole w/ Most Arm
- Utility Pole
- Telephone Pedestal
- Telephone Manhole
- Sign
- Fence
- Accessible Parking Stall
- Curb & Gutter
- Depressed Curb
- Curb Elevation
- Gutter Elevation
- Pavement Elevation
- Sidewalk Elevation
- Ground Elevation
- Top of Retaining Wall Elevation
- Swale
- Contour Line
- Deciduous Tree
- Coniferous Tree
- Brushline
- Tree Protection Fencing at Drip Line

GENERAL NOTES

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SURVEY PROVIDED BY:

Topographical Survey Provided By R.E. Allen and Associates, Ltd. For Arlington Heights School District 25 On September 22, 2022. File Number 10-17.

PROJECT BENCHMARKS

SOURCE BENCHMARK:
Village Of Arlington Heights Benchmark Recovery Sheet
Benchmark Designation: 52
At Cambell Street And Wilke Road
Elevation = 707.58 NAVD88

SITE BENCHMARK:
Survey Control Point, Cut Cross On The North Side Of
Sidewalk
Elevation = 692.48 NAVD88
Easting: 1075381.81
Northing: 1970965.92

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



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PHONE (847) 223-4804
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EMAIL: INFO@EEA-LTD.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-032320
EXPIRES: 04/30/2023

WESTGATE ELEMENTARY SCHOOL BUILDING ADDITION AND RENOVATIONS

500 S. DWYER AVENUE
ARLINGTON HEIGHTS, ILLINOIS

Reserved for Seal:

No.	Date	Description
11/17/22	11/17/22	ISSUE FOR PLAN COMMISSION
01/06/23	01/06/23	REVISED FOR PLAN COMMISSION
01/18/23	01/18/23	REVISED FOR PLAN COMMISSION

SITE DEMOLITION PLAN

Sheet No:

C101

NOT FOR CONSTRUCTION

MATCH LINE

EXISTING BUILDING
WESTGATE ELEMENTARY SCHOOL

DEMOLITION NOTES

- All Signs to Be Removed Shall Be Salvaged and Stored in the Owner's Facility for Future Use as Applicable.
- Keep All Village Of Arlington Heights Streets Free and Clear of Construction Related Dirt/Dust/Debris.
- Coordinate Existing Utility Removal with Local Authorities and Utility Companies Having Jurisdiction.
- Coordinate Removal of Overhead Wires And Utility Poles With Authorities Having Jurisdiction And Respective Utility Providers.
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- Provide Tree Protection Fencing Prior to Construction Operations. Maintain Throughout Construction.

DEMOLITION LEGEND

- Utility Line Removal
- Bituminous Pavement Removal (Full Depth)
- Concrete Pavement Removal (Full Depth)
- Gravel Removal (Full Depth)
- Pavement Sawcut
- Curb & Gutter Removal
- Structure Removal
- Tree Removal



Scale: 1"=20'

LEGEND

- | EXISTING | PROPOSED |
|--------------------------------------|--------------------------------------|
| Manhole | Manhole |
| Catch Basin | Catch Basin |
| Wet | Wet |
| Area Drain | Area Drain |
| Clean Out | Clean Out |
| Flared End Section | Flared End Section |
| Storm Sewer | Storm Sewer |
| Sanitary Sewer | Sanitary Sewer |
| Combined Sewer | Combined Sewer |
| Water Main | Water Main |
| Gas Line | Gas Line |
| Overhead Wires | Overhead Wires |
| Electrical Cable (Buried) | Electrical Cable (Buried) |
| Telephone Line | Telephone Line |
| Fire Hydrant | Fire Hydrant |
| Valve Vault | Valve Vault |
| Buffalo Box | Buffalo Box |
| Downspout | Downspout |
| Ballard | Ballard |
| Gas Valve | Gas Valve |
| Gas Meter | Gas Meter |
| Electric Meter | Electric Meter |
| ComEd Manhole | ComEd Manhole |
| Hand Hole | Hand Hole |
| Light Pole | Light Pole |
| Light Pole w/ Mast Arm | Light Pole w/ Mast Arm |
| Utility Pole | Utility Pole |
| Telephone Pedestal | Telephone Pedestal |
| Telephone Manhole | Telephone Manhole |
| Sign | Sign |
| Fence | Fence |
| Accessible Parking Stall | Accessible Parking Stall |
| Curb & Gutter | Curb & Gutter |
| Depressed Curb | Depressed Curb |
| Gutter Elevation | Gutter Elevation |
| Pavement Elevation | Pavement Elevation |
| Sidewalk Elevation | Sidewalk Elevation |
| Ground Elevation | Ground Elevation |
| Top of Retaining Wall Elevation | Top of Retaining Wall Elevation |
| Swale | Swale |
| Contour Line | Contour Line |
| Deciduous Tree | Deciduous Tree |
| Coniferous Tree | Coniferous Tree |
| Brushline | Brushline |
| Tree Protection Fencing at Drip Line | Tree Protection Fencing at Drip Line |

GENERAL NOTES

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- The Illinois Department Of Transportation Standard Specifications For Road And Bridge Construction Latest Edition, And All Addenda Thereto, Shall Govern The Earthwork And Paving Work Under This Contract Unless Noted Otherwise.



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

WESTGATE ELEMENTARY SCHOOL
BUILDING ADDITION AND RENOVATIONS
500 S. DWYER AVENUE
ARLINGTON HEIGHTS, ILLINOIS

Reserved for Seal:

No.	Date	Description
11/17/22	11/17/22	ISSUE FOR PLAN COMMISSION
01/06/23	01/06/23	REVISED FOR PLAN COMMISSION
01/18/23	01/18/23	REVISED FOR PLAN COMMISSION

Design By: JC
Approved By: TH
Date: 11/17/22

Sheet Title:
SITE DEMOLITION
PLAN

Sheet No:
C102

NOT FOR CONSTRUCTION

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PROFESSIONAL DESIGN FIRM LICENSE NO. 184-003220 EXPIRES: 04/30/2023		
<h1 style="margin: 0;">WESTGATE ELEMENTARY SCHOOL BUILDING ADDITION AND RENOVATIONS</h1> <div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><h2 style="margin: 0;">500 S. DWYER AVENUE</h2><h2 style="margin: 0;">ARLINGTON HEIGHTS, ILLINOIS</h2></div></div>		
Reserved for Seal:		
No.	Date	Description
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2	01/26/23	REVISED FOR PLAN COMMISSION
3	01/18/23	REVISED FOR PLAN COMMISSION
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Design By:	Approved By:	Date:
JC	TH	11/17/22
Sheet Title:		
<h2 style="margin: 0;">SITE GEOMETRY PLAN</h2>		
Sheet No:		
C201		

MATCH LINE

EXISTING BUILDING
WESTGATE ELEMENTARY SCHOOL

PROPOSED
BUILDING
ADDITION
F/F=691.35±

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.
2. All Pavement Striping Shall Be 4" Wide Yellow Paint Per Specifications, Two Coats For Latex Paints. All Cross Hatch Striping Shall Be 48" At 2'-0" Centers.
3. All Accessible Parking Signs (R7-8) Must Be Placed at the Center of the Space and Within 5 Feet of the Space.
4. Refer to Architectural Drawings for Exact Locations of All Buildings.
5. Refer to Architectural Drawings for Locations and Details of All Permanent Site Fencing.
6. Traffic Sign Posts Shall Be Breakaway Green U-Channel Posts, 2-lb/ft, 11 Gauge Steel, Embedded 42" Minimum Into Ground.



20 0 20 40 60

Scale: 1"=20'

LEGEND

EXISTING	PROPOSED

GENERAL NOTES

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2. Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.
3. Contractor Shall Provide Private Utility Locating Services for the Project Area.
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Design By: JC Approved By: TH Date: 11/17/22

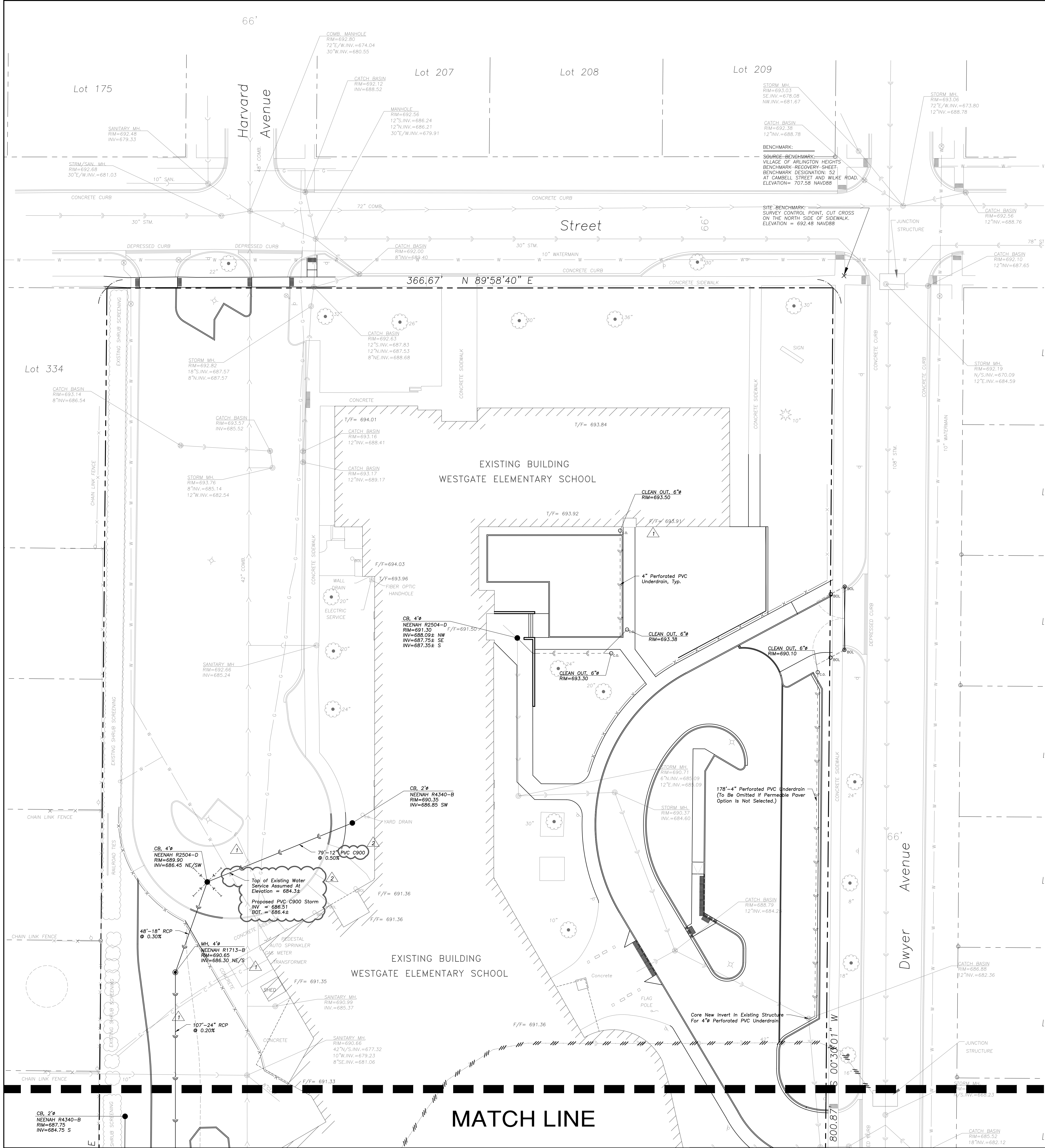
Sheet Title:

SITE GEOMETRY
PLAN

Sheet No:

C202

NOT FOR CONSTRUCTION



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.
- Refer to Plumbing Drawings for Continuation of All Utilities Within 5 Feet of Building Face.
- 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.
- All Water Main and Services Shall Be Installed at a Minimum Depth of 5.5' From Top of Finished Ground Elevation to Top of Main.
- 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.
- Clean Out All Existing and Proposed Storm Inlets and Catch Basins at the Completion of Construction.
- Provide Adequate Coupling Device and/or Oversized Concrete Flared-End Section to Accommodate HDPE Storm Sewer.
- The "Standard Specifications for Water and Sewer Main Construction in Illinois", Current Edition Shall Govern Work Where Applicable.
- Rebuild Existing Structures and Adjust Rim Elevations to Match Proposed Ground Elevations.

STRUCTURE NOTES

- All Catch Basins to Be Installed in Paved Areas Shall Have Neenah R2504-D Frame & Grate or Approved Equal.
- All Catch Basins to Be Installed in Landscaped Areas Shall Have Neenah R4340-B Frame & Grate or Approved Equal. For Cone Sections Install a Minimum of 4" Grade Rings For Topsoil Retention. For Flat Slab Tops Install the Following Minimum Height of Grade Rings:
4" Diameter Structure- 4"
5" Diameter Structure- 6"
6" Diameter Structure- 8"
- All Catch Basins to Be Installed Along Curb and Gutter (B-6-12) Shall Have Neenah R3281-A Frame & Grate or Approved Equal.
- All Catch Basins to Be Installed Along Depressed Curb and Gutter (Dep B-6-12) Shall Have East Jordan Iron Works 9120 Catch Basin Inlet Frame and Grate, or Approved Equal.
- Where Structures are Shown Along the Curbline, Unless Specifically Stated Otherwise, It is Intended That the Frame of the Structure is to Fall Within the Flowline of the Gutter or at the Pavement Edge Where No Gutter Exists.
- All Manholes Shall Have Neenah R1713-B Frame & Closed Lid or Approved Equal, with "Storm" or "Sanitary" Imprinted as Appropriate.
- For All Structures Indicated to be Adjusted, Remove and Install Adjusting Rings, Cone Section, Barrel Sections, or Flat Slab Top as Necessary.
- All Flared End Sections 12" and Larger Shall Include an IDOT Standard Grate.
- All Flared End Sections Shall Be Concrete.
- All Sanitary Manholes Shall Include a Chimney Seal.

LEGEND

EXISTING	PROPOSED

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SITE BENCHMARK:
Survey Control Point, Cut Cross On The North Side Of
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Elevation = 692.48 NAVD88
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J.U.L.I.E.

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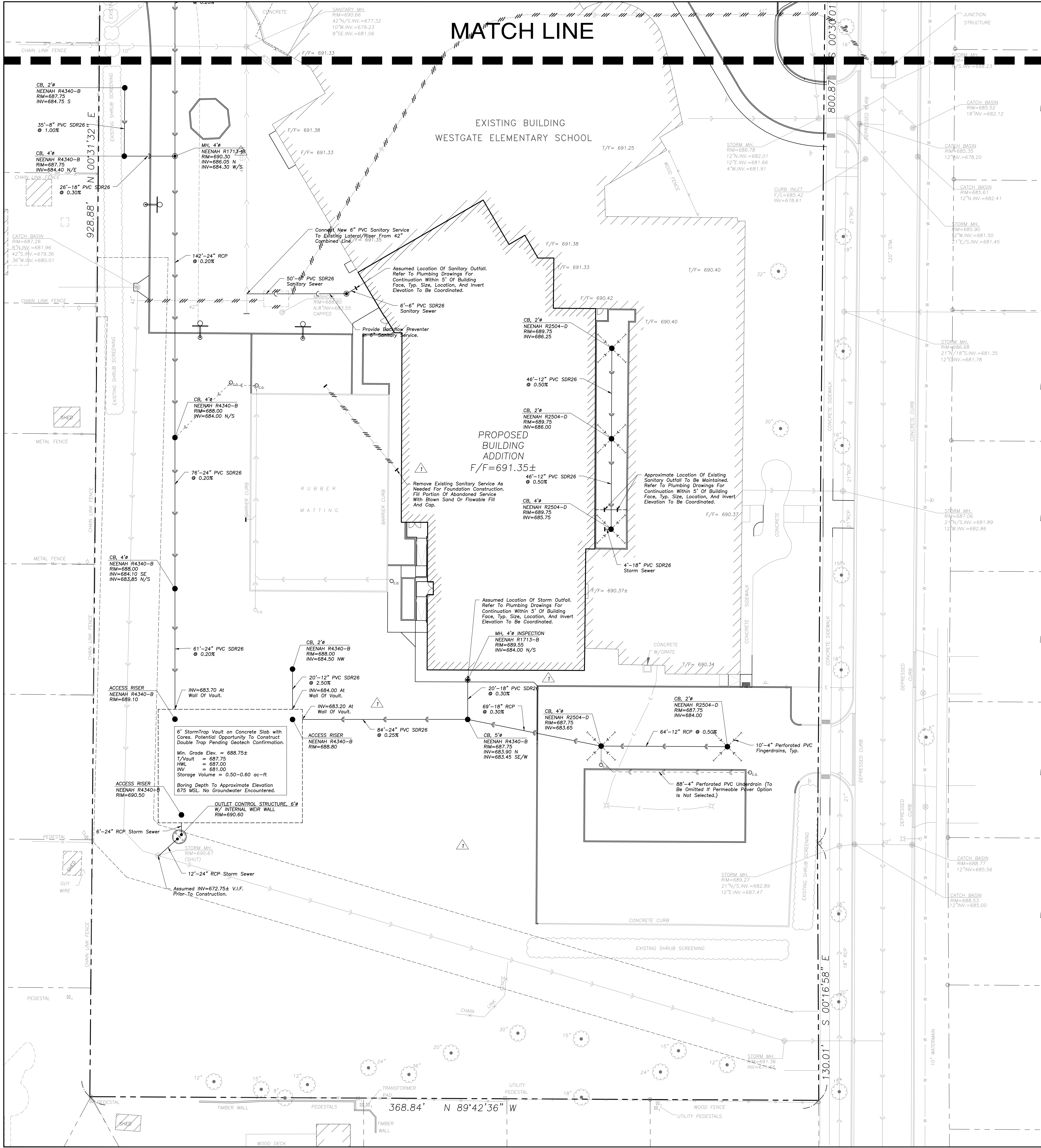
Sheet Title:

SITE UTILITY PLAN

Sheet No:

C301

NOT FOR CONSTRUCTION



- ### UTILITY NOTES
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 - 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.
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 - 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.
 - Clean Out All Existing and Proposed Storm Inlets and Catch Basins at the Completion of Construction.
 - Provide Adequate Coupling Device and/or Oversized Concrete Flared-End Section to Accommodate HDPE Storm Sewer.
 - The "Standard Specifications for Water and Sewer Main Construction in Illinois", Current Edition Shall Govern Work Where Applicable.
 - Rebuild Existing Structures and Adjust Rim Elevations to Match Proposed Ground Elevations.

- ### STRUCTURE NOTES
- All Catch Basins to Be Installed in Paved Areas Shall Have Neenah R2504-D Frame & Grate or Approved Equal.
 - All Catch Basins to Be Installed in Landscaped Areas Shall Have Neenah R4340-B Frame & Grate or Approved Equal. For Cone Sections install a Minimum of 4" Grade Rings For Topsoil Respread. For Flat Slab Tops install the Following Minimum Height of Grade Rings:
4" Diameter Structure- 4"
5" Diameter Structure- 6"
6" Diameter Structure- 8"
 - All Catch Basins to Be Installed Along Curb and Gutter (B-6.12) Shall Have Neenah R3261-A Frame & Grate or Approved Equal.
 - All Catch Basins to Be Installed Along Depressed Curb and Gutter (Dep B-6.12) Shall Have East Jordan Iron Works 5120 Catch Basin Inlet Frame and Grate, or Approved Equal.
 - Where Structures are Shown Along the Curbline, Unless Specifically Stated Otherwise, It is Intended That the Frame of the Structure is to Fall Within the Flowline of the Gutter or at the Pavement Edge Where No Gutter Exists.
 - All Manholes Shall Have Neenah R1713-B Frame & Closed Lid or Approved Equal, with "Storm" or "Sanitary" Imprinted as Appropriate.
 - For All Structures Indicated to be Adjusted, Remove and Install Adjusting Rings, Cone Section, Barrel Sections, or Flat Slab Top as Necessary.
 - All Flared End Sections 12" and Larger Shall Include an IDOT Standard Grate.
 - All Flared End Sections Shall Be Concrete.
 - All Sanitary Manholes Shall Include a Chimney Seal.

LEGEND

EXISTING	PROPOSED
Manhole	Manhole
Catch Basin	Catch Basin
Area Drain	Area Drain
Clean Out	Clean Out
Flared End Section	Flared End Section
Storm Sewer	Storm Sewer
Sanitary Sewer	Sanitary Sewer
Combined Sewer	Combined Sewer
Water Main	Water Main
Gas Line	Gas Line
Overhead Wires	Overhead Wires
Electrical Cable (Buried)	Electrical Cable (Buried)
Telephone Line	Telephone Line
Fire Hydrant	Fire Hydrant
Valve Vault	Valve Vault
Buffalo Box	Buffalo Box
Downspout	Downspout
Ballard	Ballard
Gas Valve	Gas Valve
Gas Meter	Gas Meter
Electric Meter	Electric Meter
Comed Manhole	Comed Manhole
Hand Hole	Hand Hole
Light Pole	Light Pole
Light Pole w/ Mast Arm	Light Pole w/ Mast Arm
Utility Pole	Utility Pole
Telephone Pedestal	Telephone Pedestal
Telephone Manhole	Telephone Manhole
Sign	Sign
Fence	Fence
Accessible Parking Stall	Accessible Parking Stall
Curb & Gutter	Curb & Gutter
Depressed Curb	Depressed Curb
Curb Elevation	Curb Elevation
Gutter Elevation	Gutter Elevation
Pavement Elevation	Pavement Elevation
Sidewalk Elevation	Sidewalk Elevation
Ground Elevation	Ground Elevation
Top of Retaining Wall Elevation	Top of Retaining Wall Elevation
Swale	Swale
Contour Line	Contour Line
Deciduous Tree	Deciduous Tree
Coniferous Tree	Coniferous Tree
Brushline	Brushline
Tree Protection Fencing at Dip Line	Tree Protection Fencing at Dip Line

- ### GENERAL NOTES
- The Location of Existing Underground Utilities, Such as Watermains, Sewers, Gas Lines, Etc., as Shown On The Plans, has been Determined From The Best Available Information and is Given For The Convenience of The Contractor. However, The Owner and The Engineer Do Not Assume Responsibility in the Event That During Construction, Utilities Other Than Those Shown May Be Encountered, and That The Actual Location of Those Which are Shown May Be Different From The Location As Shown On The Drawings. Contact Engineer Immediately if Surface and/or Subsurface Features are Different Than Shown On The Drawings.
 - Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.
 - Contractor Shall Provide Private Utility Locating Services for the Project Area.
 - Notify The Owner, Engineer and The Village of Arlington Heights A Minimum of 48 Hours in Advance of Performing Any Work.
 - All Areas, On or Off Site, Disturbed During Construction Operations and Not Part of the Work as Shown Hereon Shall Be Restored To Original Condition to the Satisfaction of the Owner at No Additional Cost to the Owner. It is Incumbent Upon Contractor to Show That Damaged Areas Were Not Disturbed By Construction Operations.
 - These Drawings Assume That The Contractor Will Utilize An Electronic Drawing File (DWG) to Stake All Site Improvements Accordingly. Contractor Shall Re-Establish Horizontal Control. Horizontal Control Points Not Provided.
 - No Person May Utilize The Information Contained Within These Drawings Without Written Approval From Eriksson Engineering Associates, Ltd.
 - The Engineer is Furnishing These Drawings For Construction Purposes As A Convenience To The Owner, Architect, Surveyor, or Contractor. Prior To The Use Of These Drawings For Construction Purposes, The User Of This Media Shall Verify All Dimensions And Locations Of Buildings With The Foundation Drawings And Architectural Site Plan, and Coordinate All Dimensions and Locations of All Site Items. If Conflicts Exist The User Of This Information Shall Contact The Engineer Immediately.
 - Provide An As-built Survey Prepared By A Licensed Professional Land Surveyor in Accordance With The Authorities Having Jurisdiction Which Shall Include as a Minimum All Detention Basins and Best Management Practices, include All Storm and Sanitary Sewers, Structure Locations, Sizes, Rim and Invert Elevations, Final Detention Volume Calculations For The Basin(s), Watermain and Valve and Appurtenance Locations.
 - The Illinois Department Of Transportation Standard Specifications For Road And Bridge Construction Latest Edition, And All Addenda Thereto, Shall Govern The Earthwork And Paving Work Under This Contract Unless Noted Otherwise.



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LICENSE NO. 184-003250
EXPIRES: 04/30/2023

WESTGATE ELEMENTARY SCHOOL BUILDING ADDITION AND RENOVATIONS

500 S. DWYER AVENUE
ARLINGTON HEIGHTS, ILLINOIS

Reserved for Seal:

No.	Date	Description
11/17/22	11/17/22	ISSUE FOR PLAN COMMISSION
01/06/23	01/06/23	REVISED FOR PLAN COMMISSION
01/18/23	01/18/23	REVISED FOR PLAN COMMISSION

Design By: JC
Approved By: TH
Date: 11/17/22

Sheet Title:
SITE UTILITY PLAN

Sheet No:
C302

NOT FOR CONSTRUCTION

MATCH LINE

EXISTING BUILDING
WESTGATE ELEMENTARY SCHOOL

PROPOSED
BUILDING
ADDITION
F/F=691.35±

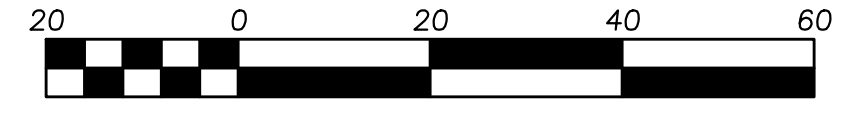
GRADING NOTES

- <If not included with erosion control notes>Install And Maintain Silt Fence at the Perimeter of the Construction Zone.
- 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.
- All Landscaped Areas Disturbed By Construction Shall Be Reseeded With 6 Inches (Min.) to 12 Inches (Max.) Topsoil and Sodded Unless Noted Otherwise On The Landscape Drawings.
- Refer to Architectural Drawings for Locations and Patterns of Expansion and Control Joints in Concrete Pavement and Sidewalks.
- Accessible Parking Spaces and Loading Spaces Shall Be Sloped at Maximum 2.0% In Any Direction. Maximum Sidewalk Cross Slopes Shall Be 2.0%. Maximum Longitudinal Sidewalk Slopes Shall Be 4.9%. Contact Engineer if Conflicts Exist.
- Rebuild Existing Structures and Adjust Rim Elevations to Match Proposed Ground Elevations.

PAVING & SURFACE
LEGEND

- Asphalt Pavement Section**
1 1/2" Hot Mix Asphalt, Mix D, IL-9.5, N50
2 1/2" Hot Mix Asphalt, IL-19.0, N50
Prime Coat (0.25 gal/sq. yd.)
4" Aggregate Base Course, Type B, Crushed, CA-6
4" Drainage Course, CA-7
Non-Woven Geotextile Fabric, 5 oz/sy
ADD ALTERNATE: Tensor GeoGrid TX160
(Installed per Manufacturers Specifications)
- Concrete Driveway Section**
8" Portland Cement Concrete
6"x6" W-2.0W2.9 Welded Wire Fabric
6" Aggregate Base Course, Type B, Crushed
(Omit Welded Wire Fabric in Public ROW)
- Concrete Sidewalk Section**
5" Portland Cement Concrete
5"x4" W-4W1.4 Welded Wire Fabric
2" Aggregate Base Course, Type B, Crushed
(Omit Welded Wire Fabric in Public ROW)
- Heavy-Duty (Fire Lane) Asphalt Pavement Section**
2" Hot Mix Asphalt Surface, Mix D, IL-9.5, N50
2 1/4" Hot Mix Asphalt Binder, IL-19.0, N50
5" Hot Mix Asphalt Binder, IL-19.0, N50
Prime Coat (0.25 gal/sq. yd.)
4" Aggregate Base Course, Type B, Crushed
ADD ALTERNATE: Tensor GeoGrid TX160
(Installed per Manufacturers Specifications)
- BASE BID: Asphalt Pavement Section**
1 1/2" Hot Mix Asphalt, Mix D, IL-9.5, N50
2 1/2" Hot Mix Asphalt, IL-19.0, N50
Prime Coat (0.25 gal/sq. yd.)
4" Aggregate Base Course, Type B, Crushed, CA-6
4" Drainage Course, CA-7
Non-Woven Geotextile Fabric, 5 oz/sy
ADD ALTERNATE: Tensor GeoGrid TX160
(Installed per Manufacturers Specifications)
Flush Band Curb Omitted If Base Bid is Selected.
- ALTERNATE: UniLock Eco-Prima™ Permeable Paver**
Large or Small Square (TBD by Architect And/Or Owner)
Color: Heritage Brown
3-1/8" Paver Depth
1-1/2" CA-10 Setting Bed
6" Min. CA-7 (Variable Based On Pavement Slope)
12" CA-1 Permeable Subbase
Aggregate Subbase Stone Shall Be Wrapped in Non-Woven Geotextile Fabric as Required By The MWRD, Typ.
- Surface America Playground™**
Four-In-Place Rubber Playground Surface
1/2" Recycled EPDM
3" Base Mat Thickness
5" CA-7 Aggregate Base Course, Type B, Crushed
Playground Poured-In-Place Primer
Per Supplier Specifications

- Stormwater Overland Flow Path
- Ridge Line/High Point



Scale: 1"=20'

LEGEND

- | EXISTING | PROPOSED |
|--------------------------------------|--------------------------------------|
| Manhole | Manhole |
| Catch Basin | Catch Basin |
| Area Drain | Area Drain |
| Clean Out | Clean Out |
| Flared End Section | Flared End Section |
| Storm Sewer | Storm Sewer |
| Sanitary Sewer | Sanitary Sewer |
| Combined Sewer | Combined Sewer |
| Water Main | Water Main |
| Gas Line | Gas Line |
| Overhead Wires | Overhead Wires |
| Electrical Cable (Buried) | Electrical Cable (Buried) |
| Telephone Line | Telephone Line |
| Fire Hydrant | Fire Hydrant |
| Valve Vault | Valve Vault |
| Buffalo Box | Buffalo Box |
| Downspout | Downspout |
| Ballard | Ballard |
| Gas Valve | Gas Valve |
| Electric Meter | Electric Meter |
| ComEd Manhole | ComEd Manhole |
| Hand Hole | Hand Hole |
| Light Pole | Light Pole |
| Mail Box | Mail Box |
| Utility Pole | Utility Pole |
| Telephone Pedestal | Telephone Pedestal |
| Telephone Manhole | Telephone Manhole |
| Sign | Sign |
| Fence | Fence |
| Accessible Parking Stall | Accessible Parking Stall |
| Curb & Gutter | Curb & Gutter |
| Depressed Curb | Depressed Curb |
| Gutter Elevation | Gutter Elevation |
| Pavement Elevation | Pavement Elevation |
| Sidewalk Elevation | Sidewalk Elevation |
| Ground Elevation | Ground Elevation |
| Top of Retaining Wall Elevation | Top of Retaining Wall Elevation |
| Swale | Swale |
| Contour Line | Contour Line |
| Deciduous Tree | Deciduous Tree |
| Coniferous Tree | Coniferous Tree |
| Brushline | Brushline |
| Tree Protection Fencing at Drip Line | Tree Protection Fencing at Drip Line |

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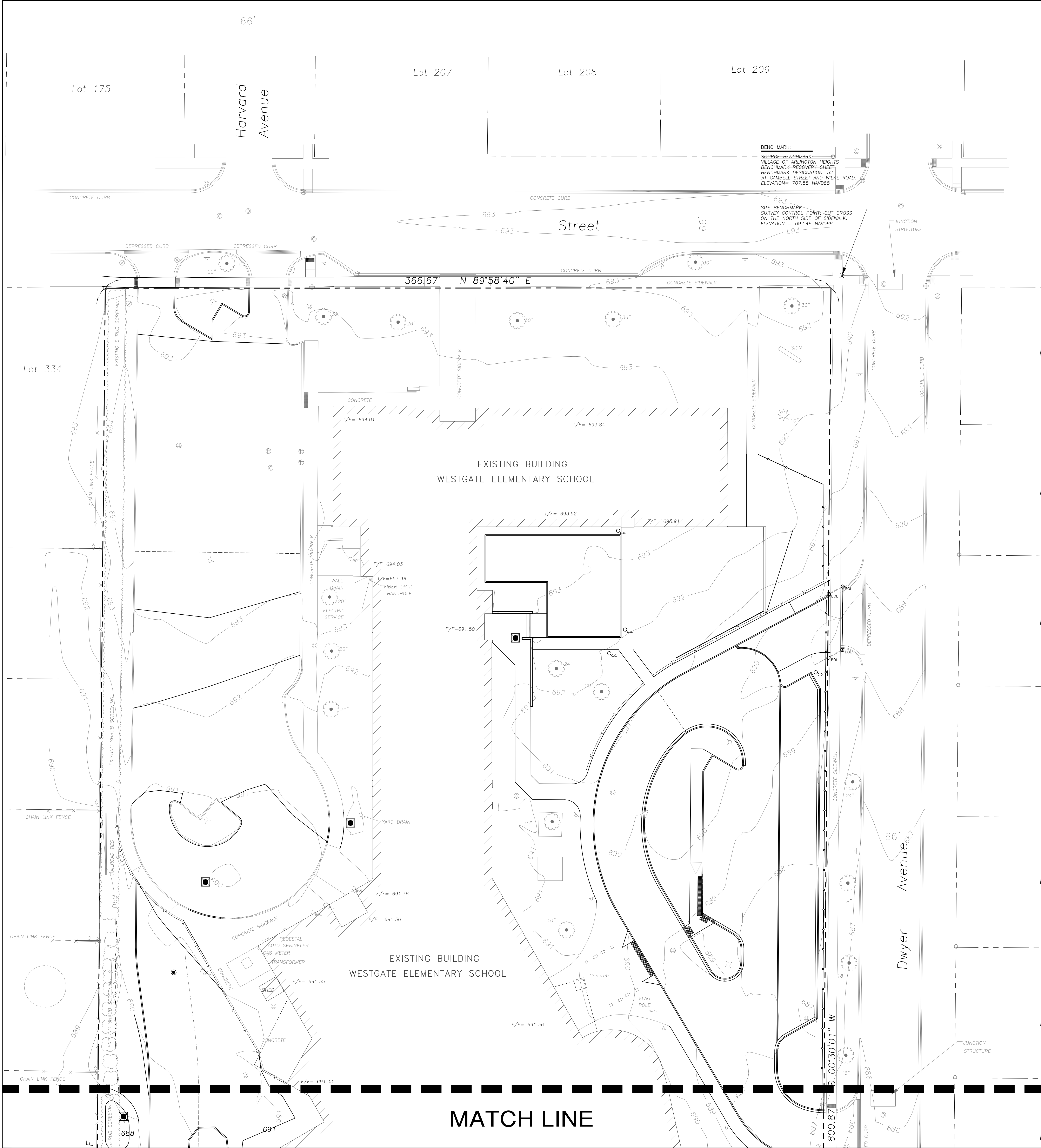
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Design By:	Approved By:	Date:
JC	TH	11/17/22

Sheet Title:
GRADING AND
PAVING PLAN

Sheet No:
C402

NOT FOR CONSTRUCTION



SOIL EROSION & SEDIMENTATION CONTROL NOTES

- Illinois Urban Manual Shall Govern All Soil Erosion and Sediment Control, and Related Work.
- Contractor Shall Be Responsible for Compliance With IEPA NPDES and ILRI0 Permit Requirements for Project.
- 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.
- Soil Erosion and Sediment Control Features Shall Be Constructed Prior to the Commencement of Upland Disturbance.
- 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 Complete. Permanent Stabilization Shall Be Completed Within 14 Days after Completion of Final Grading of Soil.
- 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.
- 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.
- 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 Wattles Around The Grate In Landscaped Areas And "Catch-All" Inlet Protectors (or equal) In Paved Areas To Prevent Siltation.
- 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 and Maintain "Dandy Pop" Inlet Protectors (or equal) and Filter Wattles Around The Grate In Landscaped Areas And "Catch-All" Inlet Protectors (or equal, such as Park Chop Sedguard) In Paved Areas To Prevent Siltation and Discharge into Waterways.
- All Temporary And Permanent Sediment And Erosion Control Measures Must Be Maintained, Repaired, And Inspected In Conformance With All Applicable IEPA-NPDES Phase II And Lake County DECI Requirements.
- 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.
- 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.
- 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.
- 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.
- Unless Otherwise Indicated on the Drawings, Stabilize All Disturbed Ground Areas Where Slopes Exceed 6:1 or Within Swales with North American Green BioNet SC150BN Erosion Control Blanket, or Approved Equal.
- Report Releases of Reportable Quantities of Oil or Hazardous Materials If They Occur In Accordance with IEPA NPDES Requirements.
- All Concrete Washout Shall Conform To The "Temporary Concrete Washout Facility" Standards (Code 954) of the Illinois Urban Manual, Latest Edition.
- If Necessary, The SWPPP Shall Be Modified To Reflect Changes Required During The Effective Period Of The IEPA NPDES General Permit No ILRI0 and Local and County Permits.
- 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.

INTENDED SEQUENCE OF MAJOR SEDIMENT AND EROSION CONTROL MEASURES

- Install Stabilized Construction Entrance
- Install All Downslope and Sideslope Perimeter Controls Before Commencement of Any Ground Disturbing Activity.
- Do Not Disturb An Area Until It is Necessary For Construction To Proceed.
- Cover and Stabilize Disturbed Areas As Soon As Possible.
- When Practical, Time Construction Activities To Limit Impact From Seasonal Climate Changes or Weather Events.
- Construct Sedimentation Basins and Structures.
- Perform Grading Operations and Installation of Site Infrastructure and Pavement.
- Install Permanent Seeding and Plantings.
- Remove Accumulated Sediment From Basins and Along Silt Fence.
- Construction of Infiltration Measures Shall Take Place Following Stabilization of Upstream Drainage Areas.
- Remove Temporary Sediment and Erosion Control Measures Following Final Stabilization of All Disturbed Areas.

SOIL EROSION & SEDIMENTATION CONTROL LEGEND

- Silt Fence
- Erosion Control Blanket
- North American Green DS75 Or Approved Equal
- Permanent Turf Reinforcement Mat
- North American Green C350 Or Approved Equal
- Erosion Control Ditch Check
- Catch-All, Park Chop Sedguard (or equal) Paved or Existing Stabilized Areas
- Filter Wattle Inlet Protection with Dandy Pop (or equal) Landscape Areas
- Erosion Eel (Temporary Silt Barrier Paved Areas - Location by Contractor Dependent on Construction Sequencing/Phasing)

LEGEND

- Manhole
- Catch Basin
- Inlet
- Area Drain
- Clean Out
- Flared End Section
- Storm Sewer
- Sanitary Sewer
- Combined Sewer
- Water Main
- Gas Line
- Overhead Wires
- Electrical Cable (Buried)
- Telephone Line
- Fire Hydrant
- Valve Vault
- Buffalo Box
- Downspout
- Ballard
- Gas Valve
- Gas Meter
- Electric Meter
- ComEd Manhole
- Hand Hole
- Light Pole
- Light Pole w/ Mast Arm
- Utility Pole
- Telephone Pedestal
- Telephone Manhole
- Sign
- Fence
- Accessible Parking Stall
- Curb & Gutter
- Depressed Curb
- Curb Elevation
- Gutter Elevation
- Pavement Elevation
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- Top of Retaining Wall Elevation
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- Contour Line
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- Brushline
- Tree Protection
- Fencing at Dip Line

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SURVEY PROVIDED BY:

Topographical Survey Provided By R.E. Allen and Associates, Ltd. For Arlington Heights School District 25 On September 22, 2022. File Number 10-17.

PROJECT BENCHMARKS

SOURCE BENCHMARK: Village Of Arlington Heights Benchmark Recovery Sheet Benchmark Designation: 52 At Cambell Street And Wilke Road Elevation = 707.58 NAVD88

SITE BENCHMARK: Survey Control Point, Cut Cross On The North Side Of Sidewalk Elevation = 692.48 NAVD88 Easting: 1075381.81 Northing: 1570965.92

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



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BUILDING ADDITION AND RENOVATIONS
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Design By: JC

Approved By: TH

Date: 11/17/22

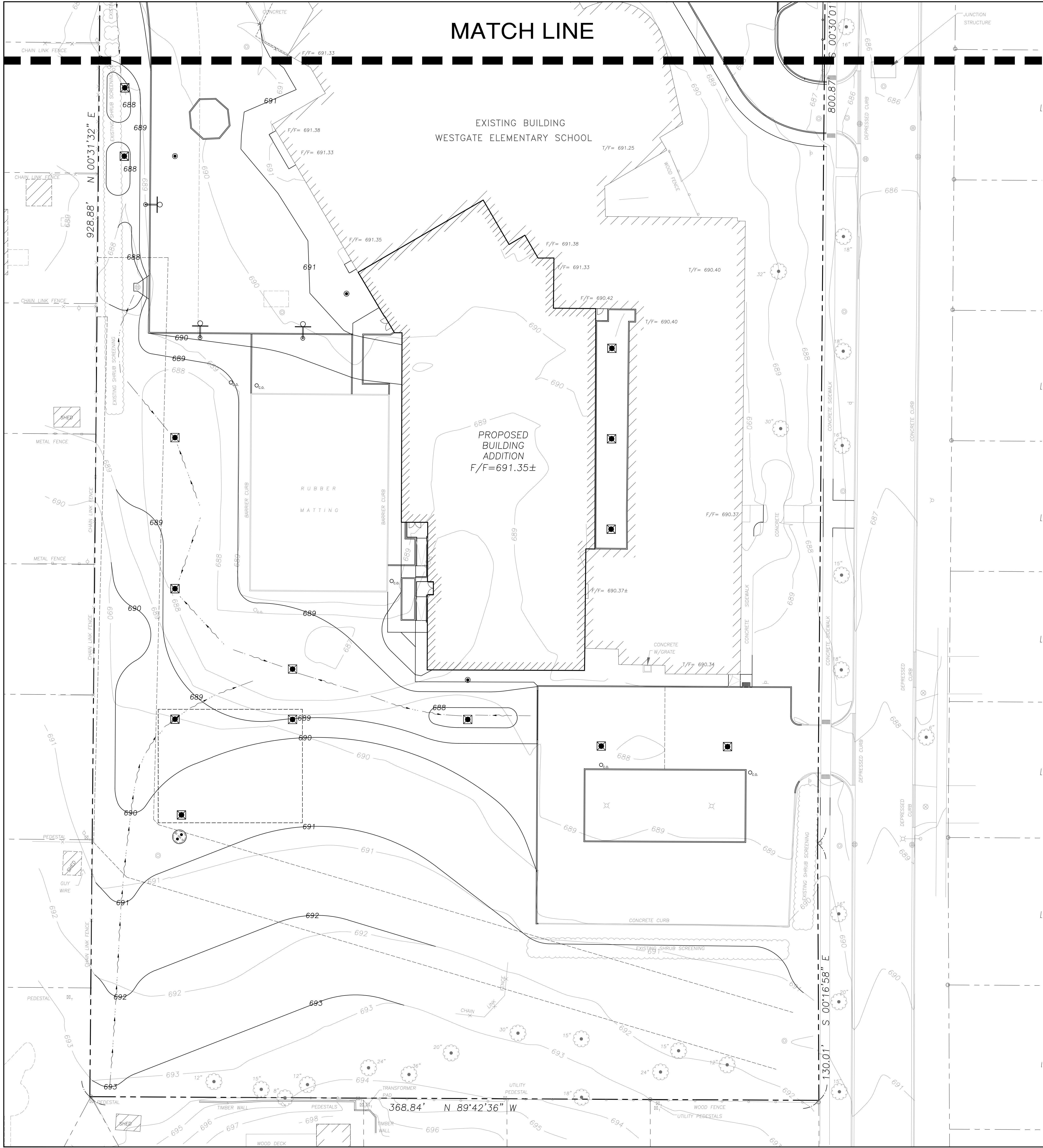
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SITE EROSION AND SEDIMENT CONTROL PLAN

Sheet No:

C501

NOT FOR CONSTRUCTION



SOIL EROSION & SEDIMENTATION CONTROL NOTES

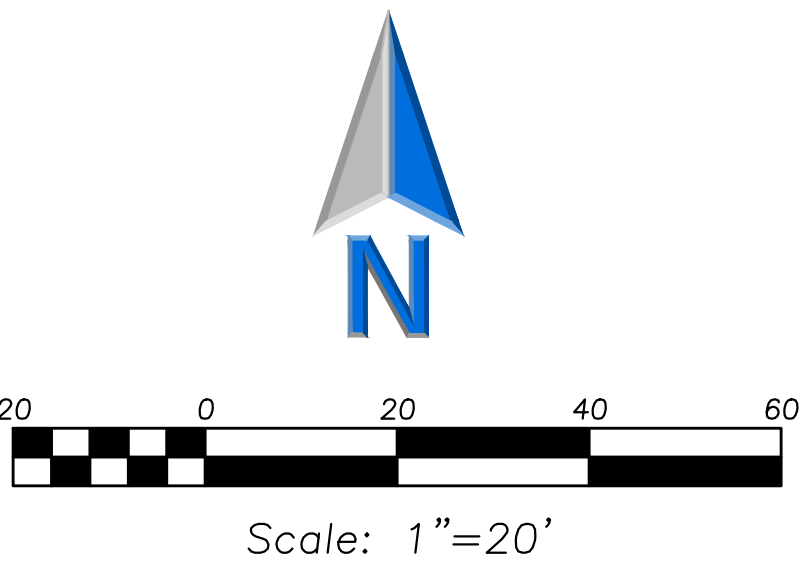
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4. Soil Erosion and Sediment Control Features Shall Be Constructed Prior to the Commencement of Upland Disturbance.
5. Temporary Soil Stabilization Shall Be Applied to Topsoil Stockpiles and Disturbed Areas, Where Construction Activity Will Not Occur 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 Complete. Permanent Stabilization Shall Be Completed Within 14 Days after Completion of Final Grading of Soil.
6. 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.
7. 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.
8. 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.
9. 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 And Maintain "Dandy Pop" Inlet Protectors (or equal) and Filter Watties Around The Grate In Landscaped Areas And "Catch-All" Inlet Protectors (or equal, such as Park Chop Sedguard) In Paved Areas To Prevent Siltation and Discharge Into Waterways.
10. All Temporary And Permanent Sediment And Erosion Control Measures Must Be Maintained, Repaired, And Inspected In Conformance With All Applicable IEPA-NPDES Phase II And Lake County DECI Requirements.
11. 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 Plans, 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.
12. 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.
13. 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.
14. The Erosion Control Measures Indicated On The Drawings Are The Minimum Requirements. Additional Measures May Be Required As Directed By The Qualified Soil Erosion and Sediment and Control Inspector Or Governing Agency.
15. Unless Otherwise Indicated on the Drawings, Stabilize All Disturbed Ground Areas Where Slopes Exceed 6:1 or Within Swales with North American Green BioNet SC150BN Erosion Control Blanket, or Approved Equal.
16. Report Releases of Reportable Quantities of Oil or Hazardous Materials If They Occur In Accordance with IEPA NPDES Requirements.
17. All Concrete Washout Shall Conform To The "Temporary Concrete Washout Facility" Standards (Code 954) of the Illinois Urban Manual, Latest Edition.
18. If Necessary, The SWPPP Shall Be Modified To Reflect Changes Required During The Effective Period Of The IEPA NPDES General Permit No ILRII and Local and County Permits.
19. 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.

INTENDED SEQUENCE OF MAJOR SEDIMENT AND EROSION CONTROL MEASURES

1. Install Stabilized Construction Entrance
2. Install All Downslope and Sideslope Perimeter Controls Before Commencement of Any Ground Disturbing Activity.
3. Do Not Disturb An Area Until It is Necessary For Construction To Proceed.
4. Cover and Stabilize Disturbed Areas As Soon As Possible.
5. When Practical, Time Construction Activities To Limit Impact From Seasonal Climate Changes or Weather Events.
6. Construct Sedimentation Basins and Structures.
7. Perform Grading Operations and Installation of Site Infrastructure and Pavement.
8. Install Permanent Seeding and Plantings.
9. Remove Accumulated Sediment From Basins and Along Silt Fence.
10. Construction of Infiltration Measures Shall Take Place Following Stabilization of Upstream Drainage Areas.
11. Remove Temporary Sediment and Erosion Control Measures Following Final Stabilization of All Disturbed Areas.

SOIL EROSION & SEDIMENTATION CONTROL LEGEND

- Silt Fence
- Erosion Control Blanket
North American Green DS75
Or Approved Equal
- Permanent Turf Reinforcement Mat
North American Green C350
Or Approved Equal
- Erosion Control Ditch Check
- Catch-All, Park Chop Sedguard (or equal) Paved or Existing Stabilized Areas
- Filter Wattle Inlet Protection with Dandy Pop (or equal) Landscape Areas
- Erosion Eel (Temporary Silt Barrier)
Paved Areas - Location by Contractor Dependent on Construction Sequencing/Phasing



LEGEND	
EXISTING	PROPOSED

GENERAL NOTES

1. The Location of Existing Underground Utilities, Such As Watermain, Sewers, Gas Lines, Etc., As Shown On The Plans, Has Been Determined From The Best Available Information and is Given For The Convenience of The Contractor. However, The Owner and The Engineer Do Not Assume Responsibility In The Event That During Construction, Utilities Other Than Those Shown May Be Encountered, and That The Actual Location of Those Which Are Shown May Be Different From The Location As Shown On The Drawings. Engineer Immediately In Surface and/or Subsurface Features Are Different Than Shown On The Drawings.
2. Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.
3. Contractor Shall Provide Private Utility Locating Services for the Project Area.
4. Notify The Owner, Engineer and The Village of Arlington Heights A Minimum of 48 Hours In Advance of Performing Any Work.
5. All Areas, On or Off Site, Disturbed During Construction Operations and Not Part of the Work As Shown Hereon Shall Be Restored To Original Condition to the Satisfaction of the Owner at No Additional Cost to the Owner. It is Incumbent Upon Contractor to Show That Damaged Areas Were Not Disturbed By Construction Operations.
6. These Drawings Assume That The Contractor Will Utilize An Electronic Drawing File (DWG) to Stake All Site Improvements accordingly. Contractor Shall Re-Establish Horizontal Control. Horizontal Control Points Not Provided.
7. No Person May Utilize The Information Contained Within These Drawings Without Written Approval From Eriksson Engineering Associates, Ltd.
8. The Engineer is Furnishing These Drawings For Construction Purposes As A Convenience To The Owner, Architect, Surveyor, or Contractor. Prior To The Use Of These Drawings For Construction Purposes, The User Of This Media Shall Verify All Dimensions And Locations Of Buildings With The Foundation Drawings And Architectural Site Plan, and Coordinate All Dimensions and Locations of All Site Items. If Conflicts Exist The User Of This Information Shall Contact The Engineer Immediately.
9. Provide An As-built Survey Prepared By A Licensed Professional Land Surveyor In Accordance With The Authorities Having Jurisdiction Which Shall Include As A Minimum All Detention Basins and Best Management Practices, Sides All Storm and Sanitary Sewers, Structure Locations, Sizes, Rim and Invert Elevations, Final Detention Volume Calculations For The Basin(s), Watermain and Valve and Appurtenance Locations.
10. The Illinois Department Of Transportation Standard Specifications For Road And Bridge Construction Latest Edition, And All Addenda Thereto, Shall Govern The Earthwork And Paving Work Under This Contract Unless Noted Otherwise.



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**WESTGATE ELEMENTARY SCHOOL
BUILDING ADDITION AND RENOVATIONS**
500 S. DWYER AVENUE
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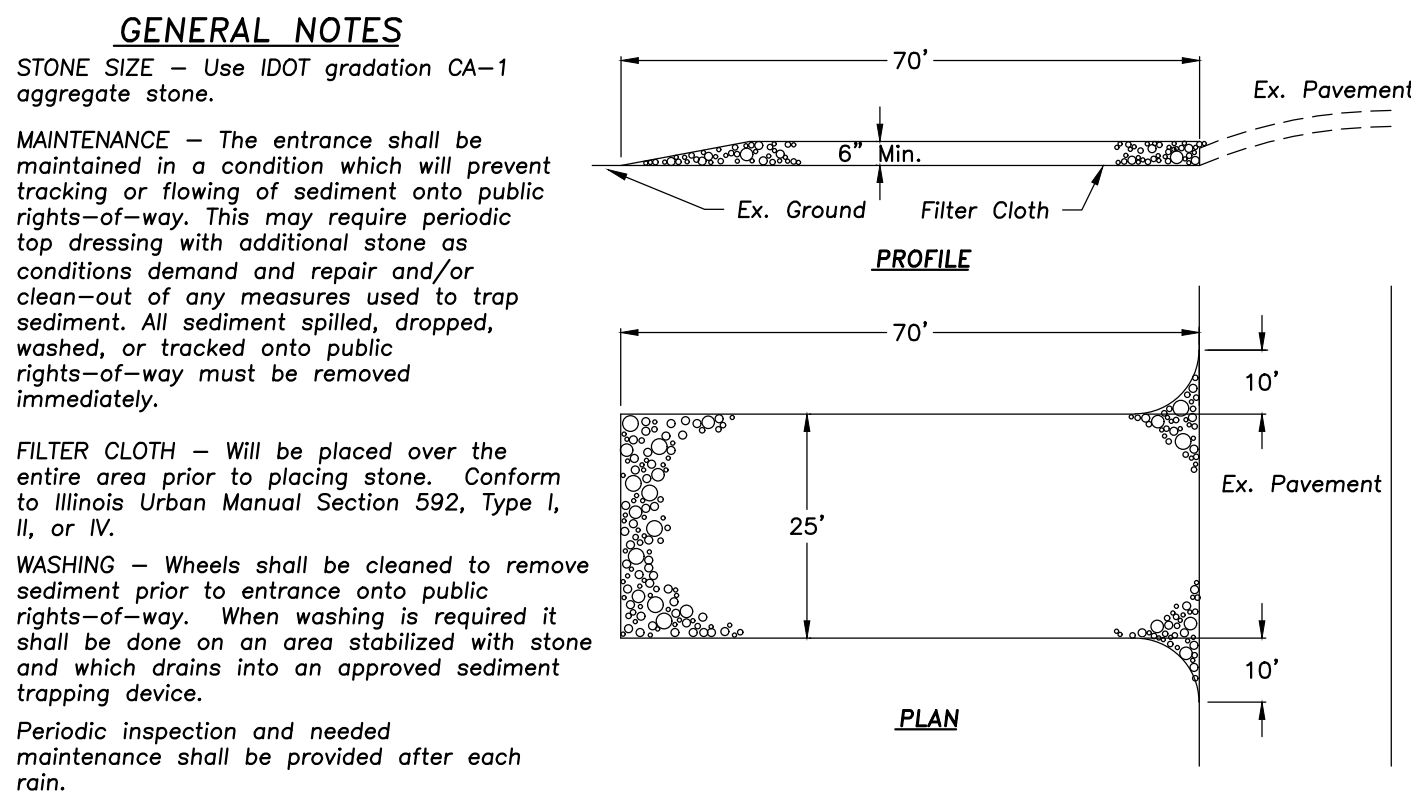
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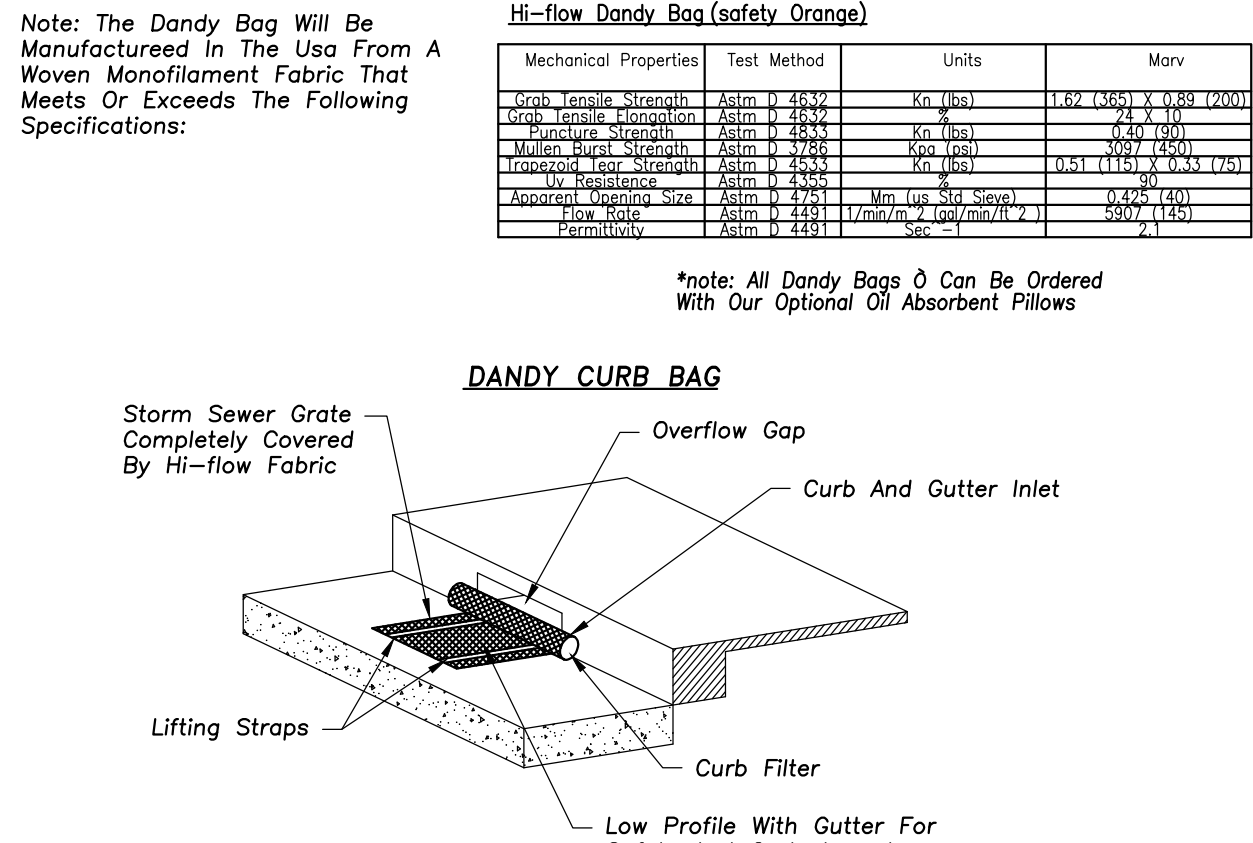
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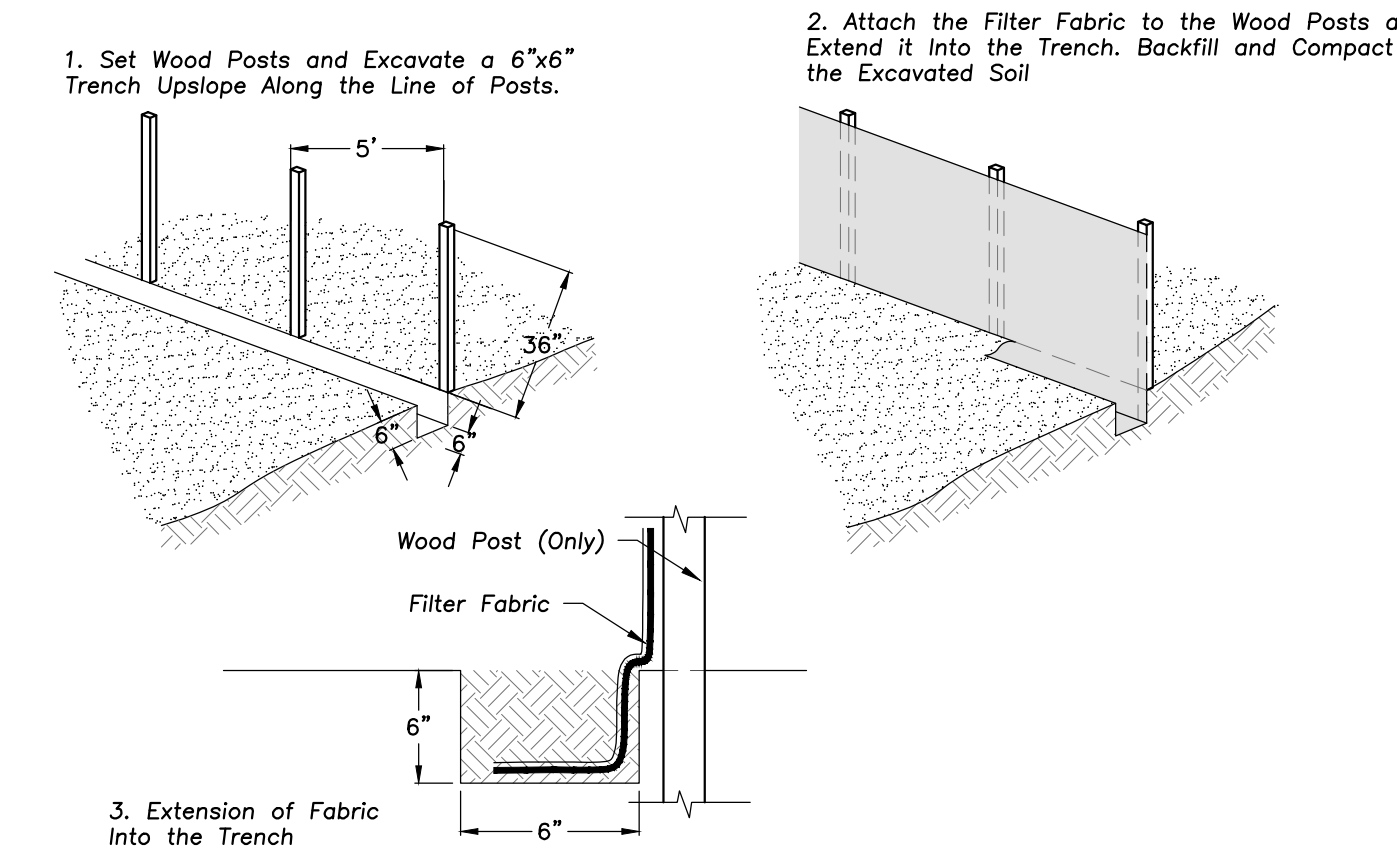
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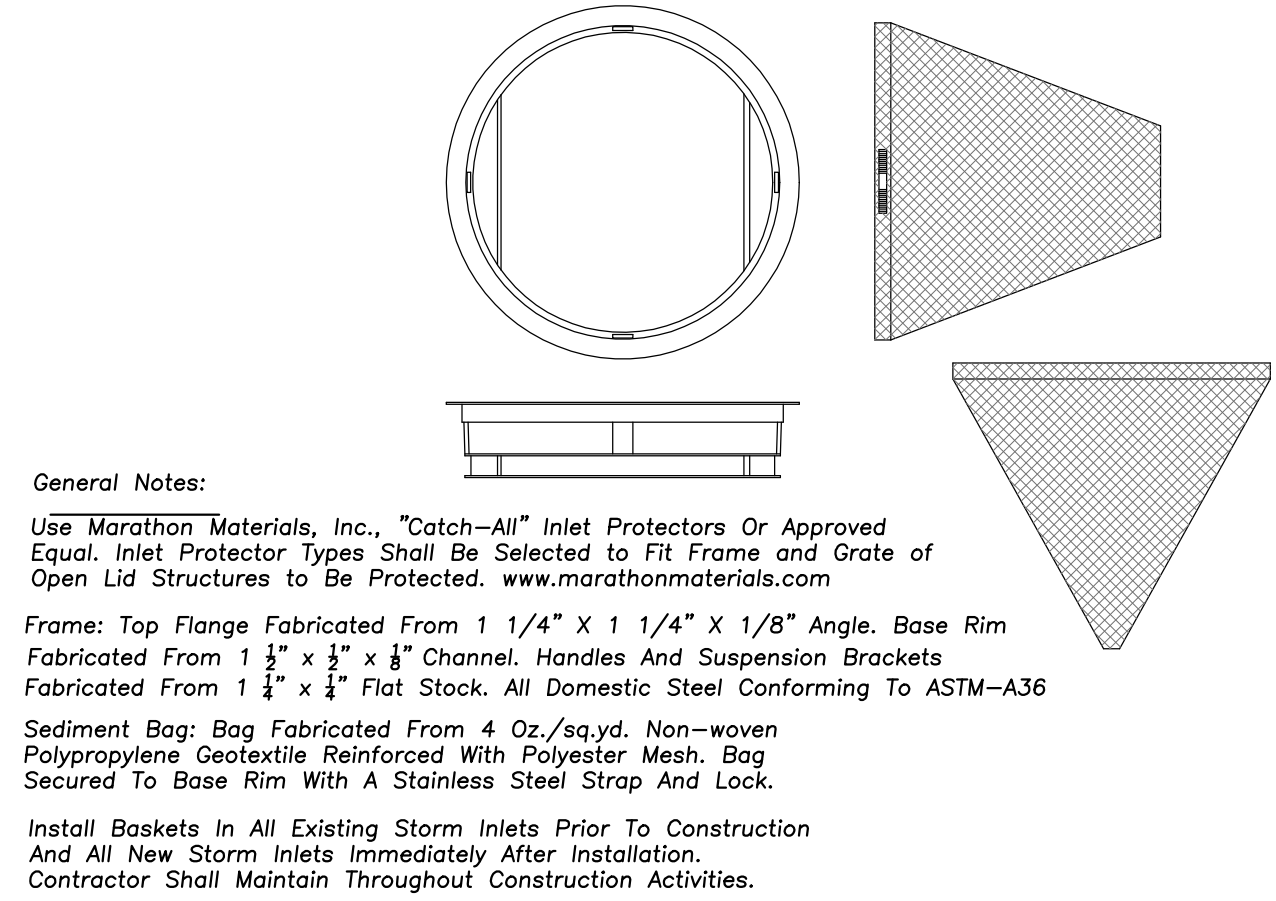
STABILIZED CONSTRUCTION ENTRANCE
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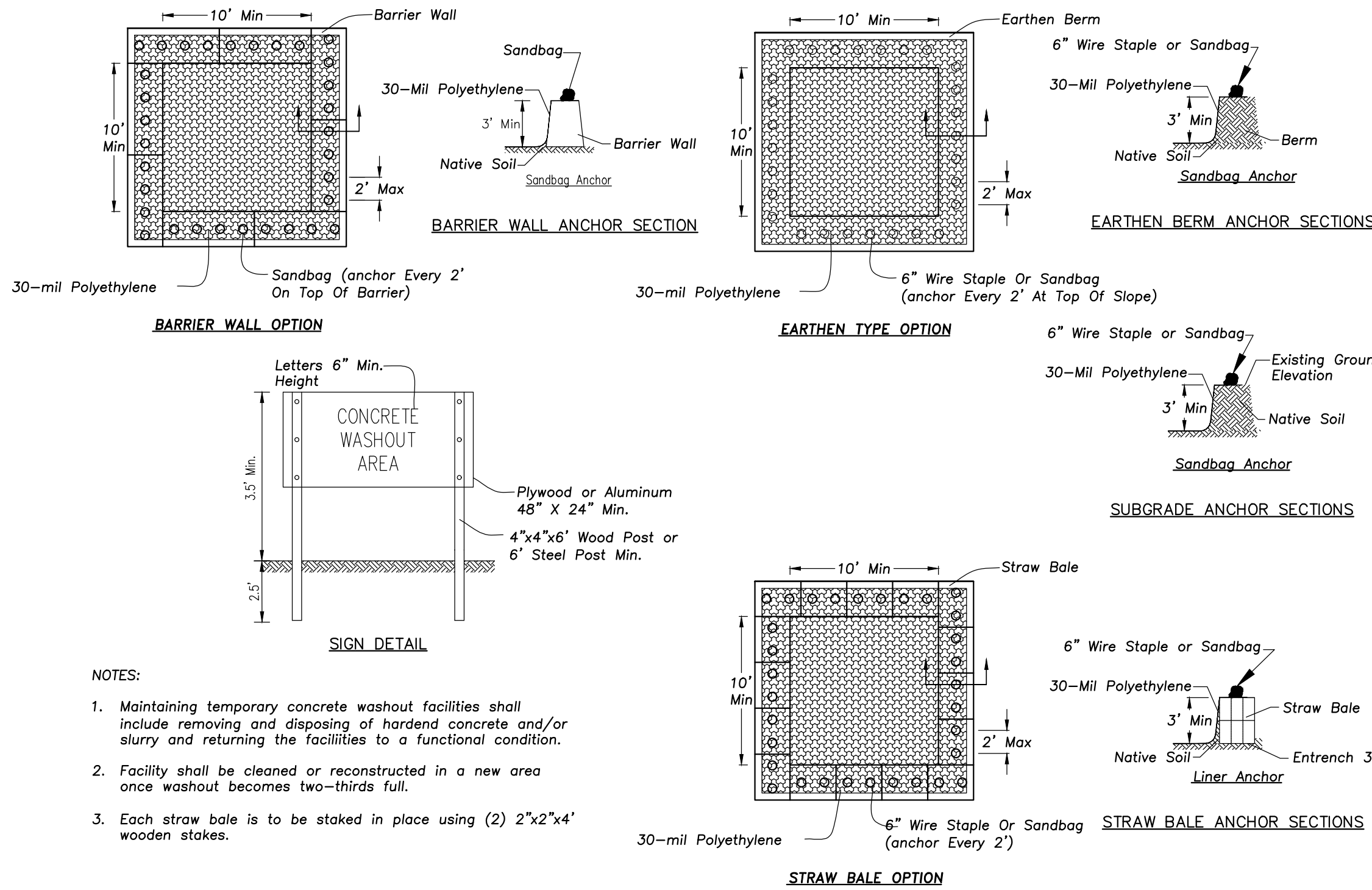
DANDY CURB BAG SEDIMENT CONTROL DEVICE



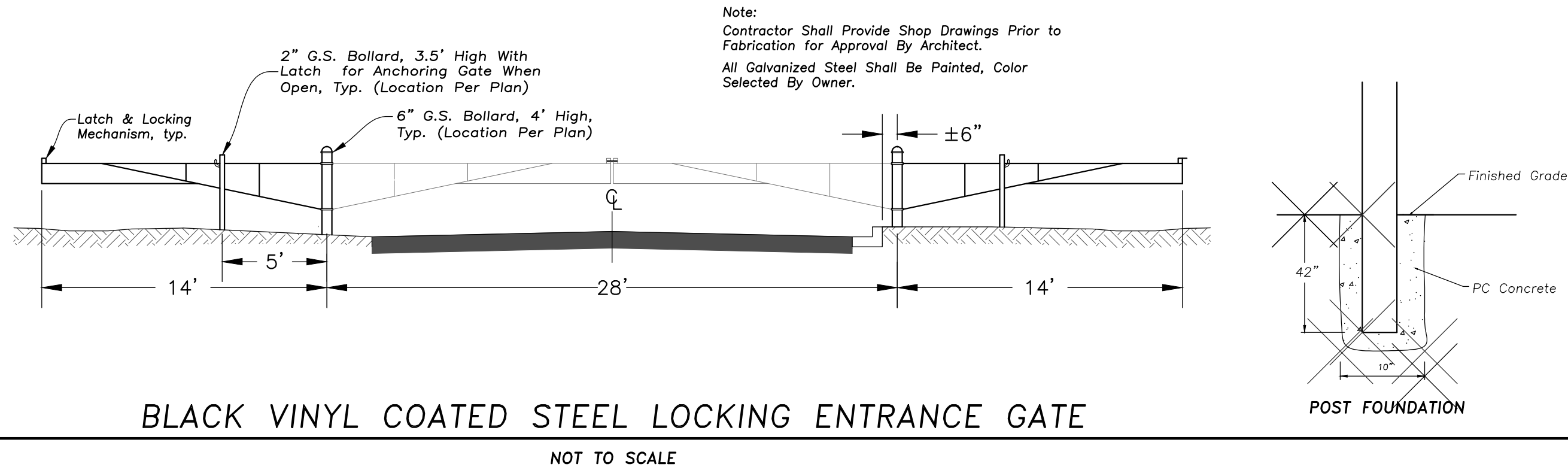
SILT FENCE CONSTRUCTION (AASHTO 288-00)



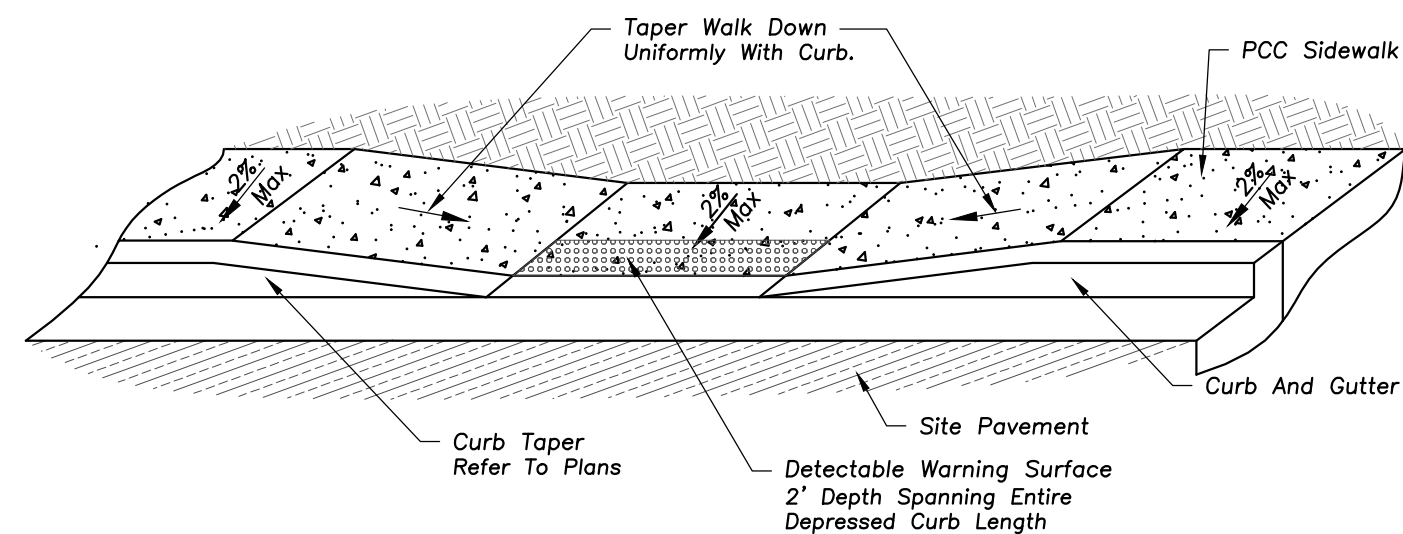
INLET PROTECTORS - SEDIMENT BAG



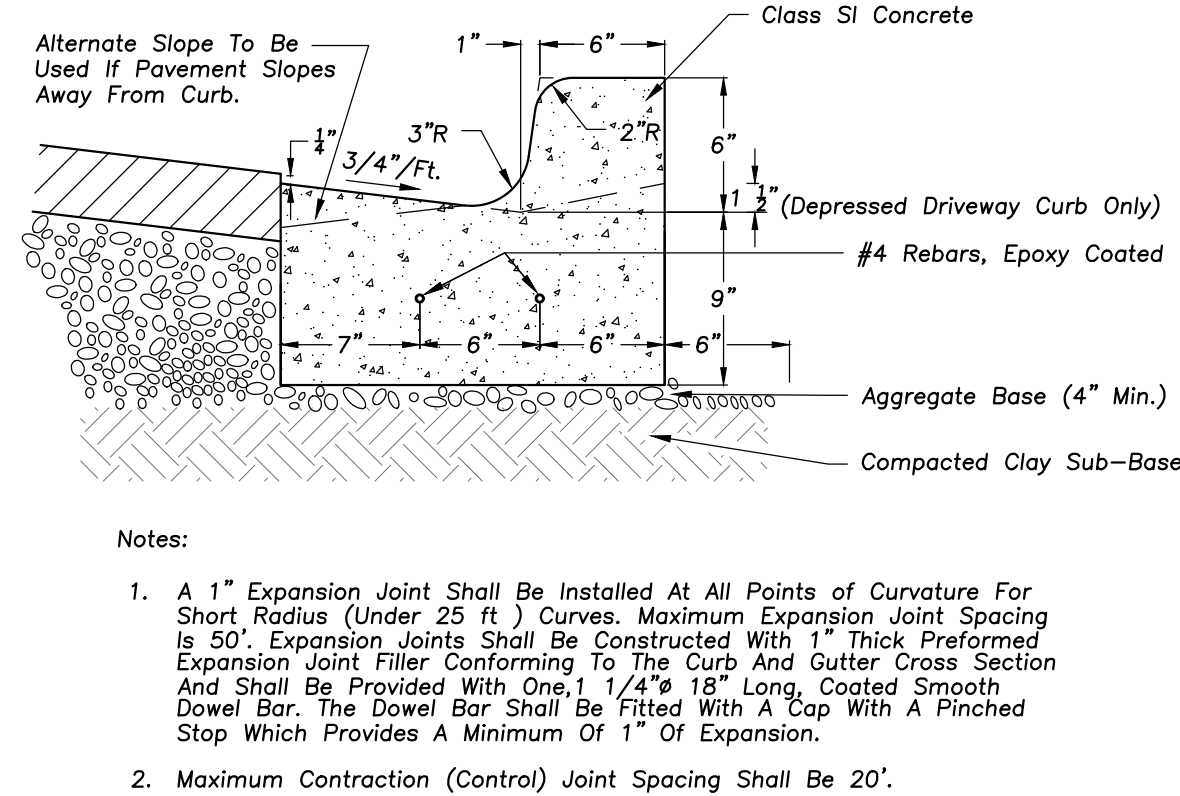
CONCRETE WASHOUT FACILITY



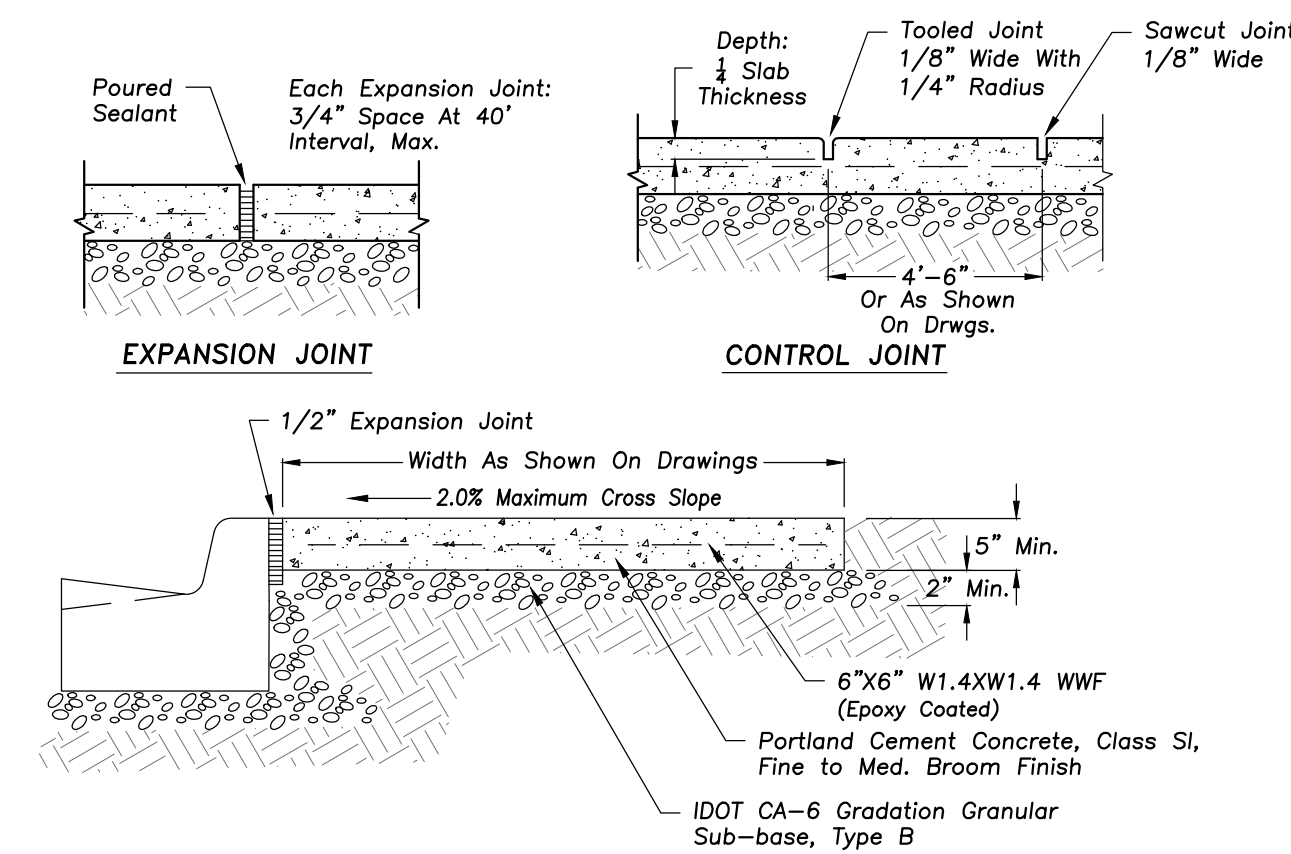
BLACK VINYL COATED STEEL LOCKING ENTRANCE GATE



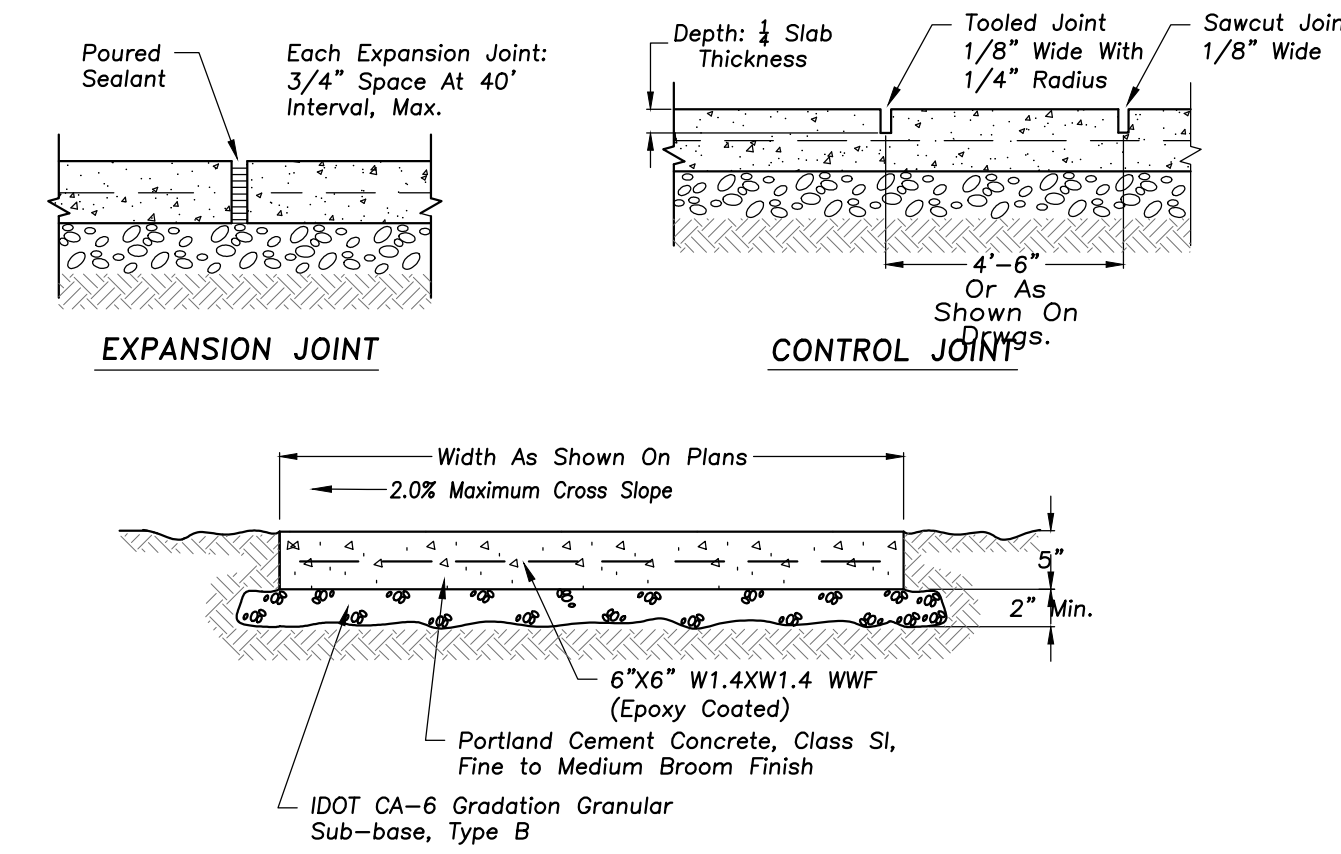
DEPRESSED ACCESSIBLE LANDING DETAIL



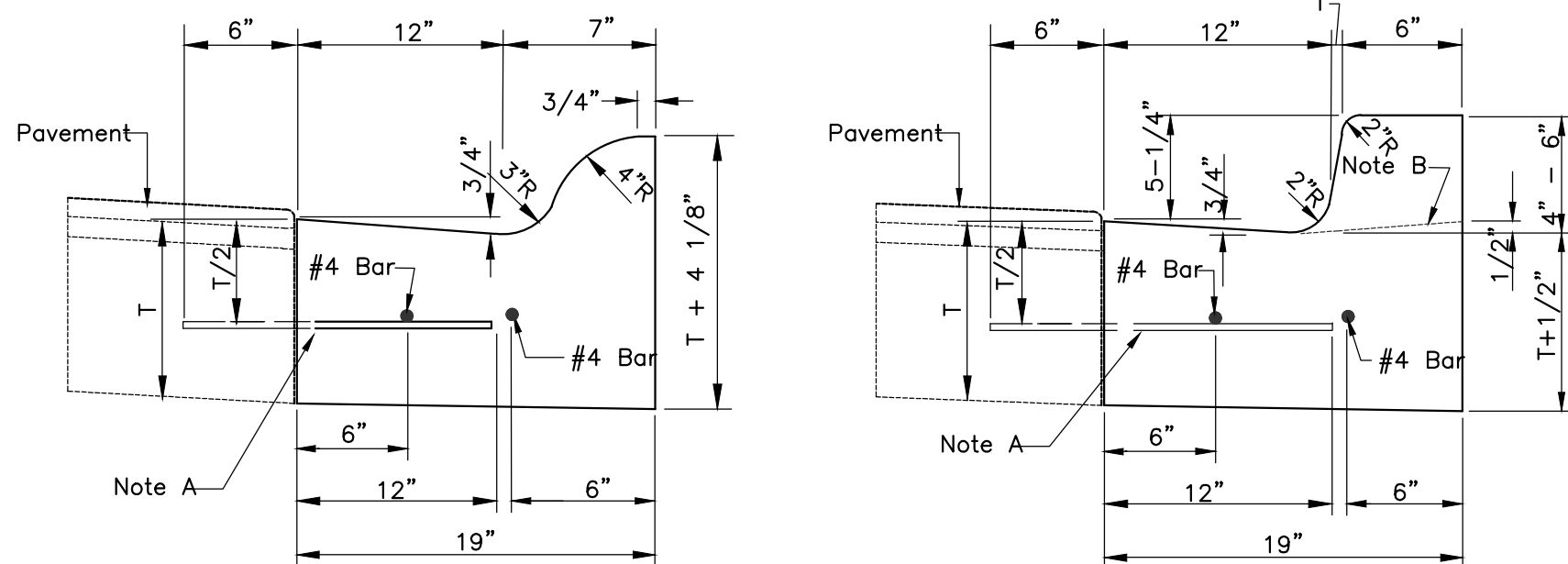
B-6.12 CURB & GUTTER



PORTLAND CEMENT CONC. SIDEWALK

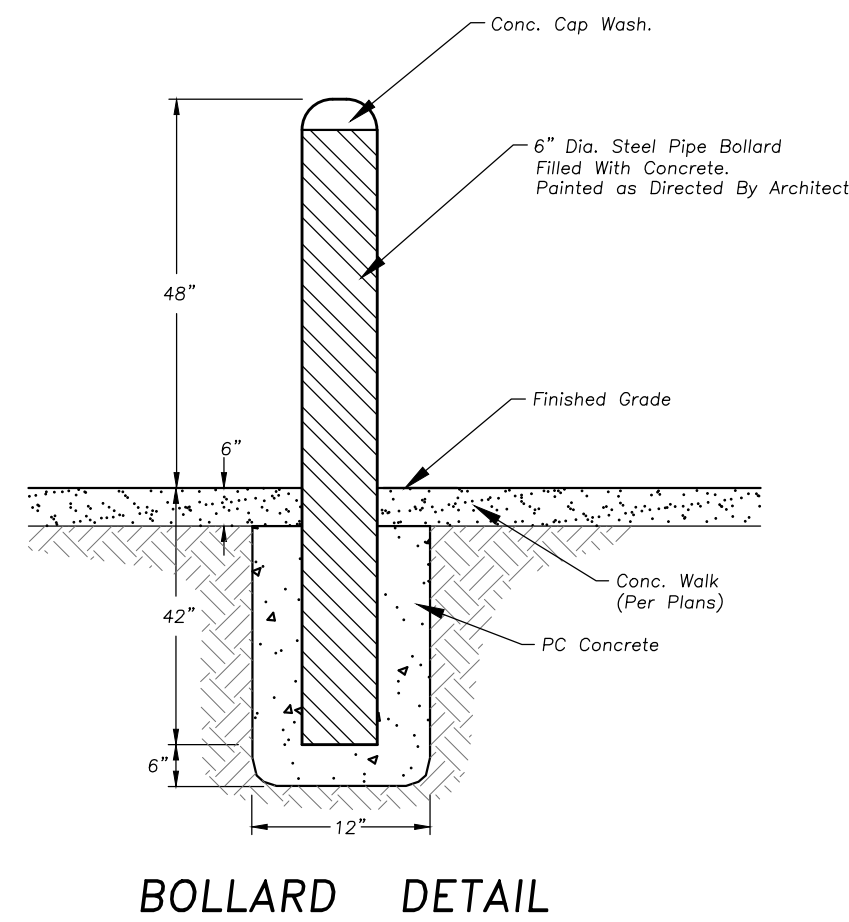


PORTLAND CEMENT CONC. SIDEWALK



ROLL TYPE CURB

BARRIER TYPE CURB



BOLLARD DETAIL

- Notes:
- 2-#4 Longitudinal Bars 20 Feet In Length With 12" Overlaps, At 60' Intervals, Except At Expansion Joints.
 - Expansion Joints Shall Be A Minimum Of 3/4" Preformed Expansion Material And Shall Be Provided With A 1" Dia. X 18" Coated Smooth Dowel Bar Fitted With A Cap That Will Allow A Minimum Of 1" Of Expansion.
 - Construction Joints Shall Be Template Formed Or Saw-cut (Within 24 Hours Of Placement Of The Curb) To 1/2th The Depth Of The Gutter Flag At 20ft. Intervals Or At The Joints Depth Of The Gutter Flag At 20ft. Intervals Or At The Joints In An Adjacent Concrete Pavement.

- Note "a"
- 1/2" Dia. Steel Tie Bars @ 2'-6" Centers Grouted In Place Or 5/8" Dia. J-bolts Anchored In Place. (omit For Bituminous Base Course)
- Note "b"
- Profile For Depressed Curb @ Driveways And Ramps

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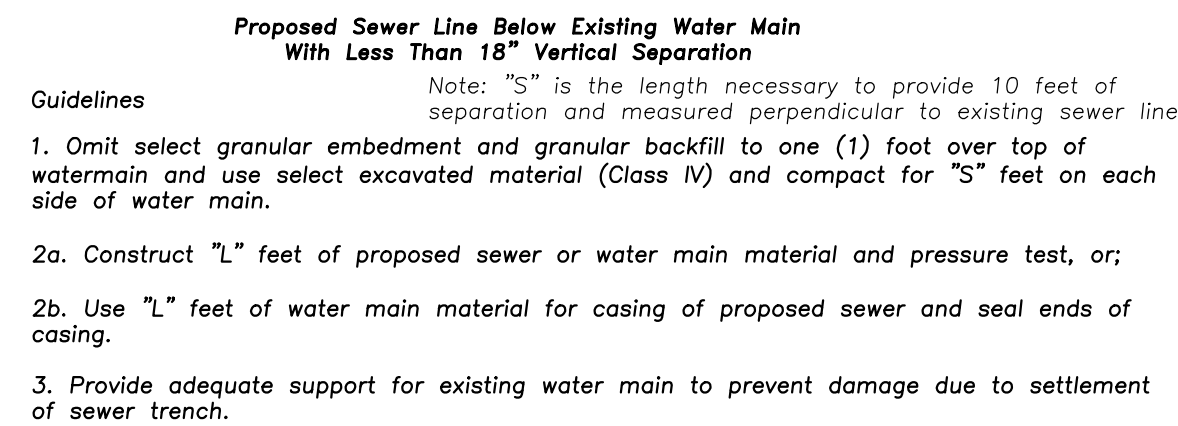
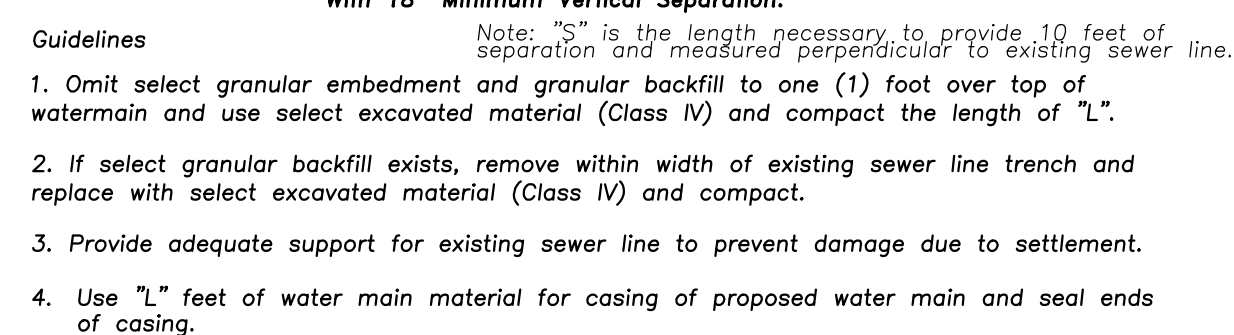
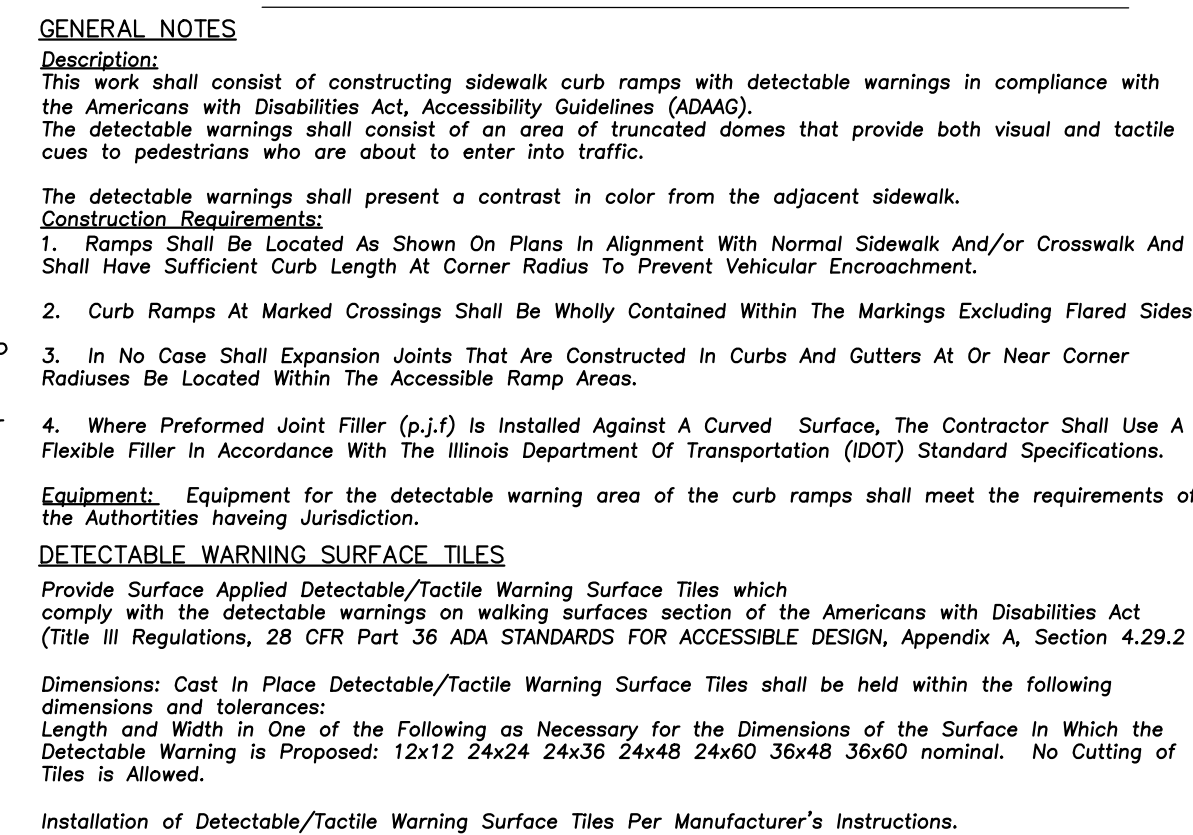
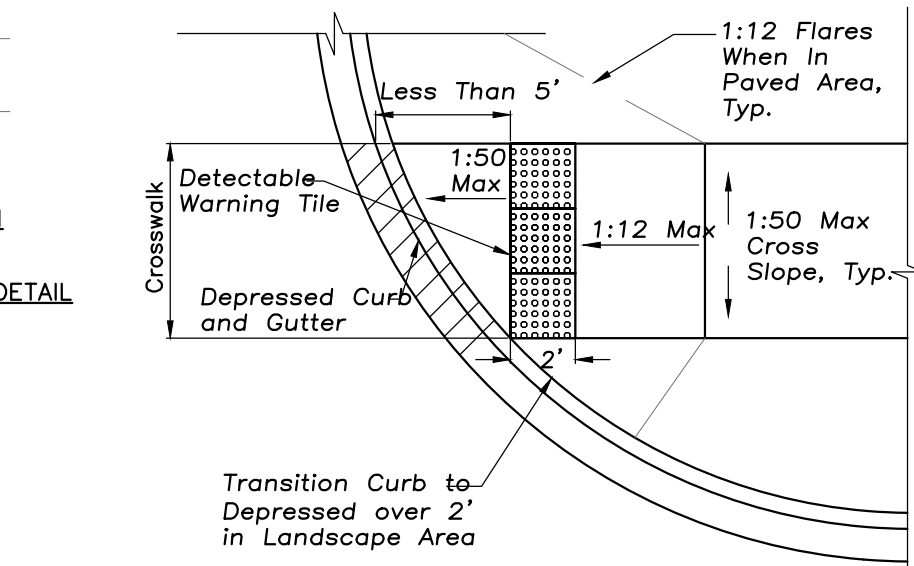
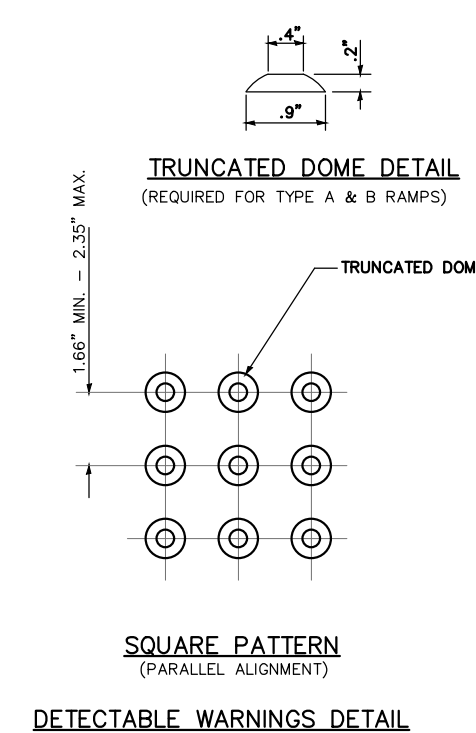
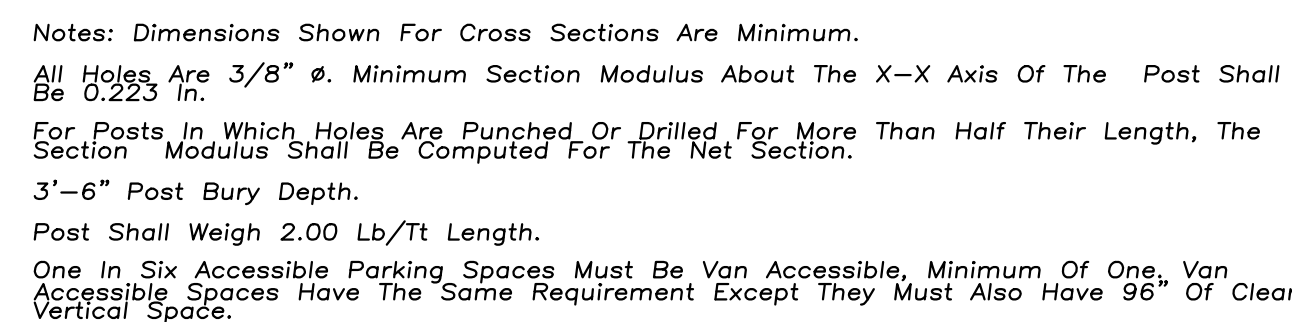
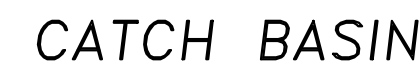
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SITE WORK DETAILS

Sheet No:

C601

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SITE WORK DETAILS

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C602



PROPOSED CONDITIONS TRIBUTARY AREA



Scale: 1"=40'

EXHIBIT LEGEND

- IMPERVIOUS AREA
- PROPERTY LINE
341,246 SF
7.63 ACRES
- TRIBUTARY AREA (ON-SITE)
- TRIBUTARY AREA (OFF-SITE)



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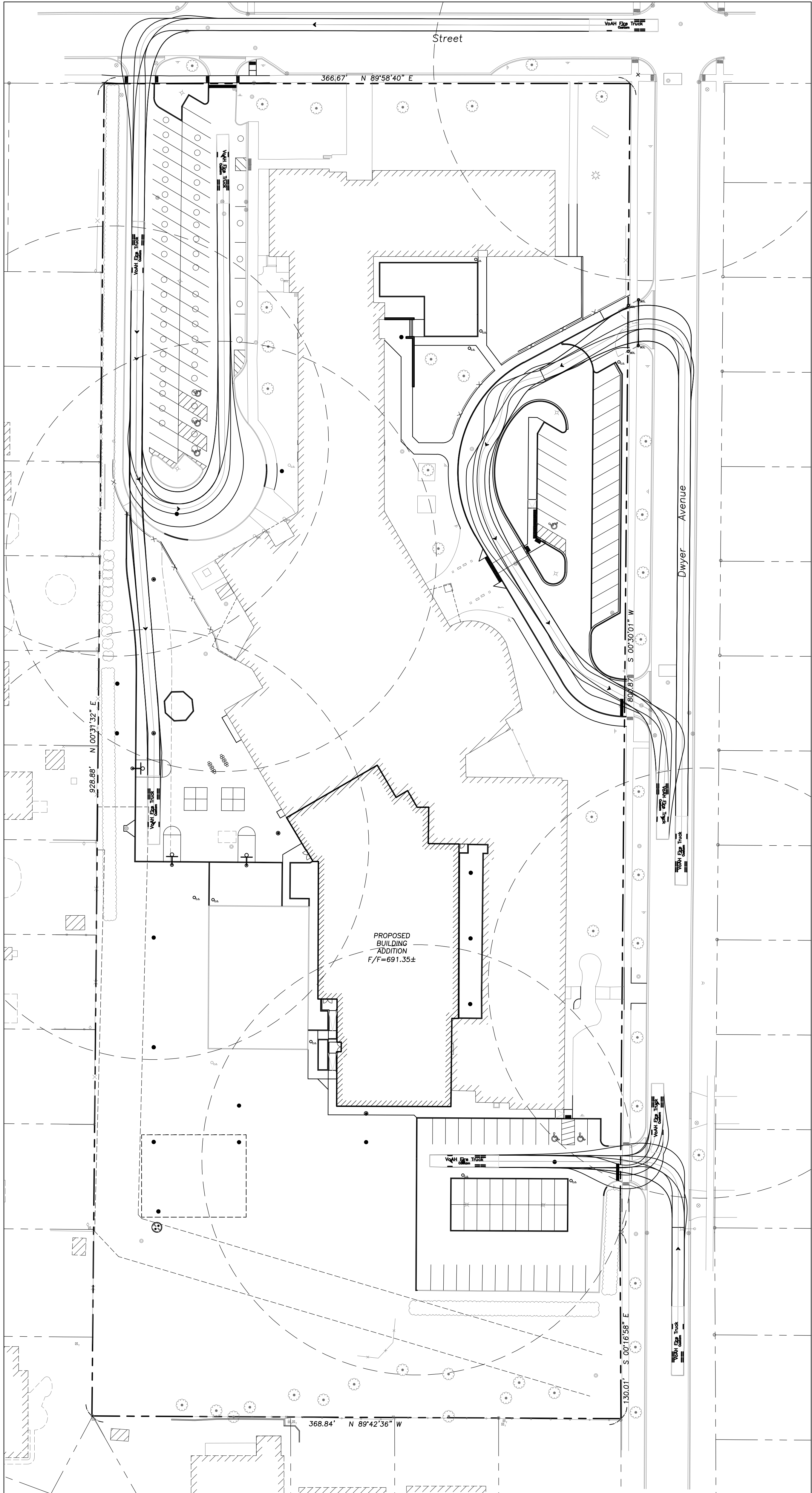
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TRIBUTARY AREA
EXHIBIT

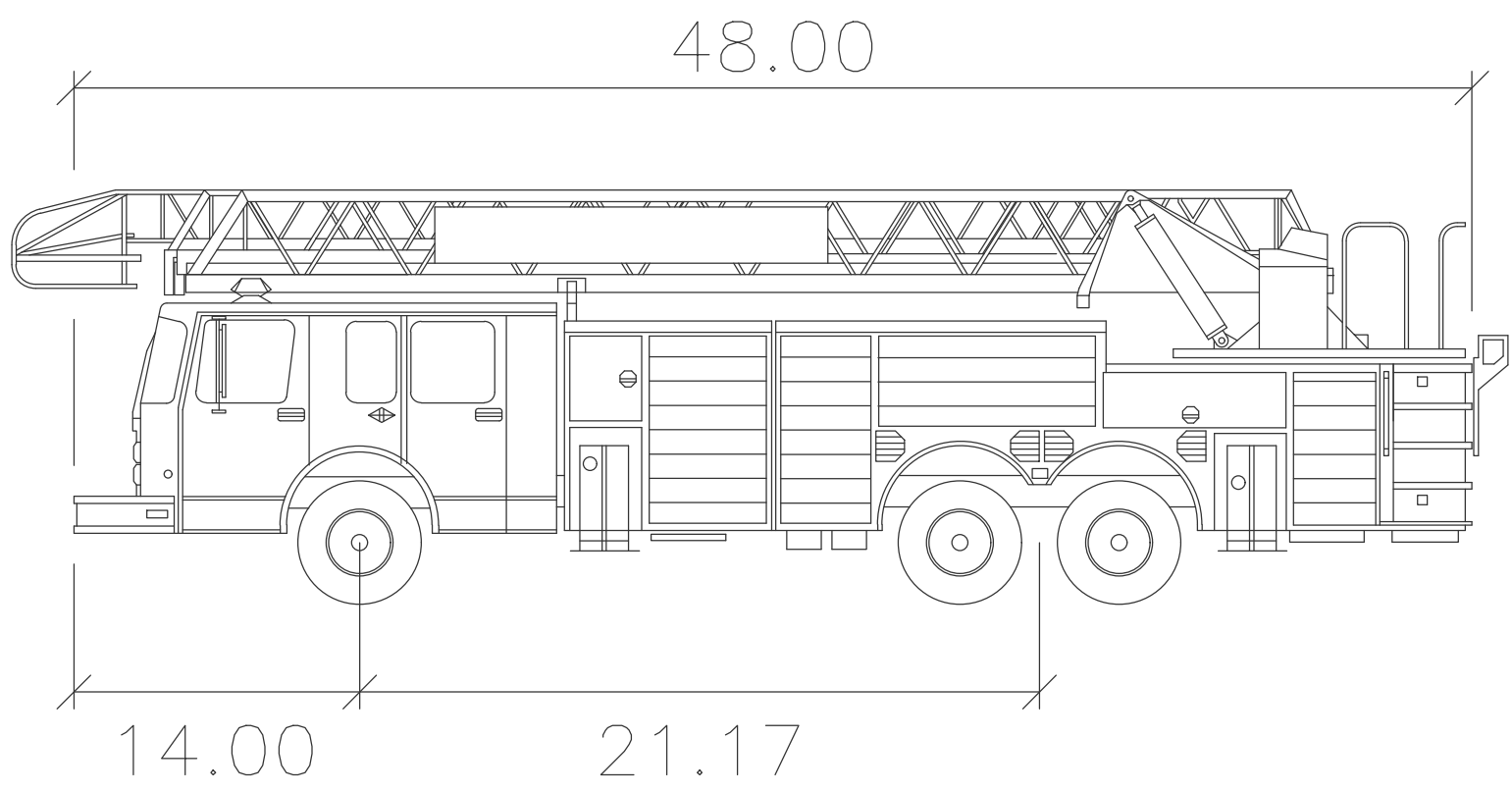
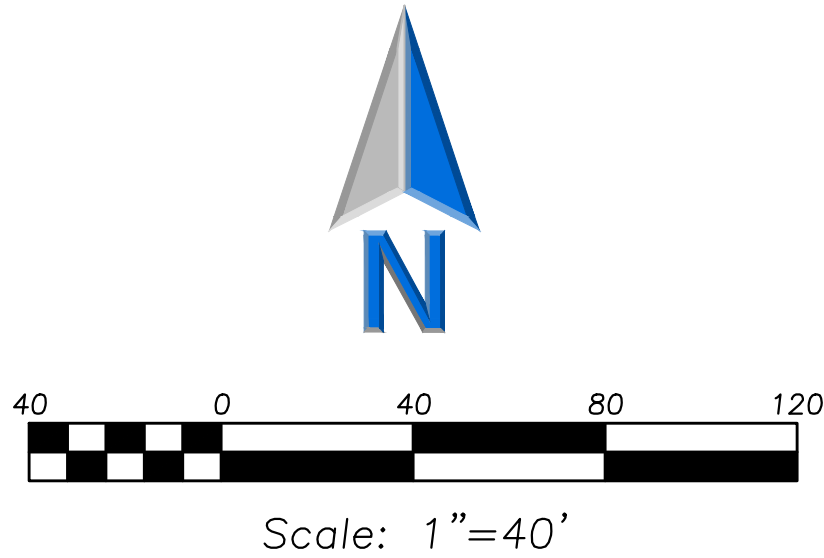
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FIRE TRUCK EXHIBIT



VoAH Fire Truck

	feet
Width	: 8.50
Track	: 8.50
Lock to Lock Time	: 6.0
Steering Angle	: 40.0



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VILLAGE FIRE TRUCK
EXHIBIT

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