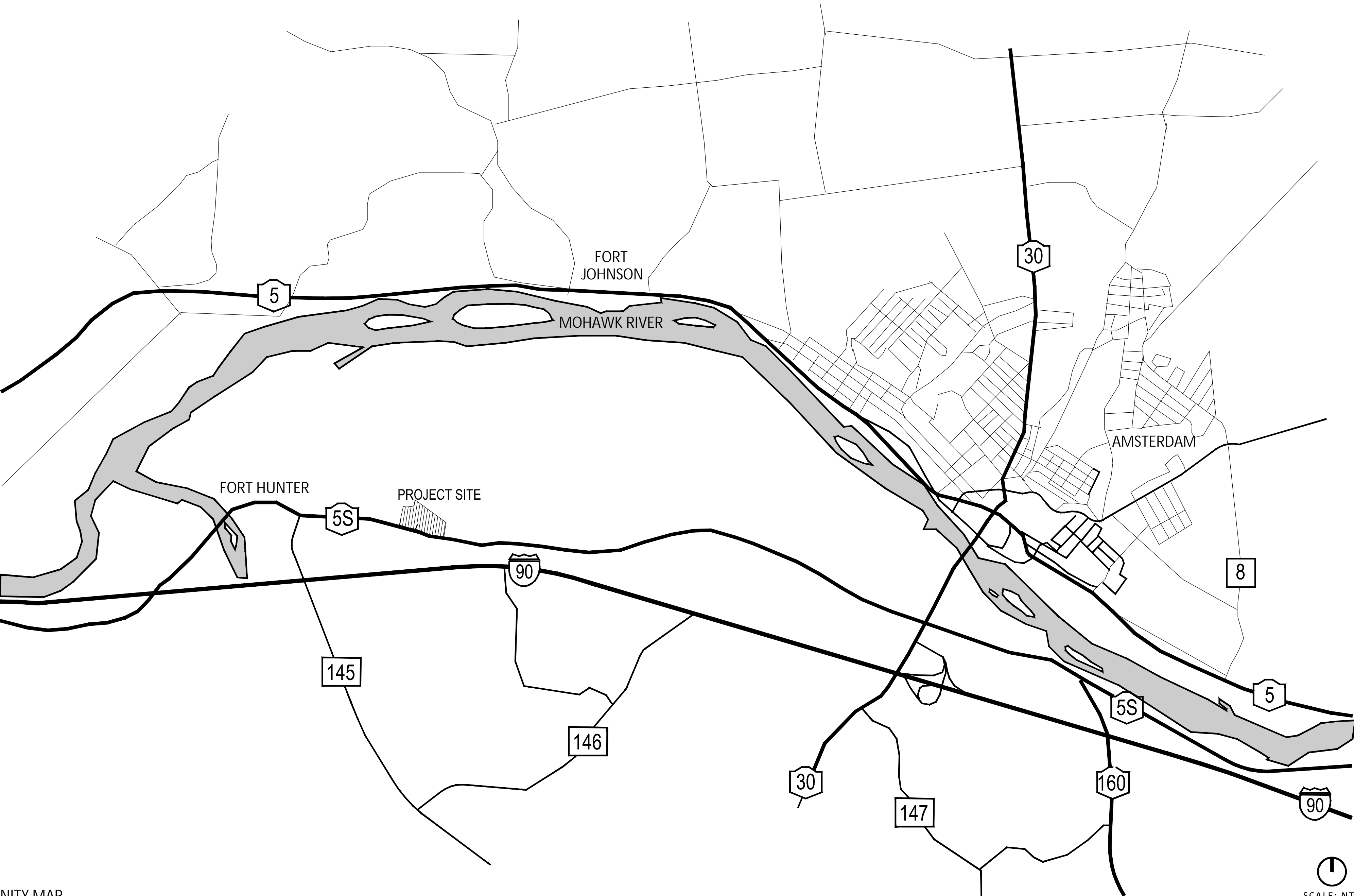




LOCATION MAP

SCALE: 1" = 250'



VICINITY MAP

SCALE: NTS

# COLD STORAGE DISTRIBUTION CENTER

DOLLAR GENERAL FRESH  
AMSTERDAM, NEW YORK

PERMIT ISSUE  
OCTOBER 13, 2023

PROJECT CONTACTS

OWNER	DOLLAR GENERAL 100 MISSION RIDGE GOODLETTSVILLE, TN 37072	KACEY LEVINE T (404) 309-9846 KLEVINE@DOLLARGENERAL.COM
CIVIL ENGINEER	ELAN DESIGN LAB, INC. 310 4TH AVENUE S, SUITE 1006 MINNEAPOLIS, MN 55415	MARCIE WESLOCK, PE T (612) 260-7981 MWESLOCK@ELANLAB.COM
LAND SURVEYOR	SUSAN M. ANACKER, PLS, PLLC 11062 DAVIS ROAD EAST DEERFIELD, NY 13502	SUSAN ANACKER, PLS T (315) 724-6800
CONTRACTOR	CLAYCO, INC. 2195 INNERBELT BUSINESS CENTER DRIVE ST. LOUIS, MO 63114	DARREN LACKEY T (312) 236-1282 LADKRD@CLAYCO.COM
PLANNING BOARD	TOWN OF FLORIDA 214 FORT HUNTER RD AMSTERDAM, NY 12010	TIM WILSON T (518) 857-3252
BUILDING DEPARTMENT	TOWN OF FLORIDA 214 FORT HUNTER RD AMSTERDAM, NY 12010	T (518) 843-6372

SHEET INDEX

ISSUED FOR PERMIT - OCTOBER 13, 2023	SPR RESUBMITTAL - DECEMBER 2, 2022	SPR RESUBMITTAL - OCTOBER 26, 2022	SITE PLAN REVIEW - SEPTEMBER 1, 2022	SHT NO.	SHEET TITLE
●	●	●	●	1C0.00	COVER SHEET
●	●	●	●	1C0.01	ALTA SURVEY - SHEET 1 OF 2
●	●	●	●	1C0.02	ALTA SURVEY - SHEET 2 OF 2
●	●	●	●	1C0.11	EXISTING CONDITIONS AND DEMOLITION PLAN
●	●	●	●	1C1.01	SITE PLAN
●	●	●	●	1C1.21	PAVEMENT JOINTING PLAN
●	●	●	●	1C2.01	GRADING PLAN
●	●	●	●	1C2.10	STORMWATER POLLUTION PREVENTION PLAN
●	●	●	●	1C2.11	EROSION & SEDIMENT CONTROL PLAN - PHASE I
●	●	●	●	1C2.12	EROSION & SEDIMENT CONTROL PLAN - PHASE II
●	●	●	●	1C3.01	UTILITY PLAN
●	●	●	●	1C3.10	PUBLIC STORM SEWER PLAN, PROFILE, AND CROSS SECTIONS
●	●	●	●	1C3.11	PUBLIC STORM SEWER TRAFFIC CONTROL AND DETAILS
●	●	●	●	1C3.12	STORM SEWER PROFILES
●	●	●	●	1C3.13	SANITARY SEWER PROFILES
●	●	●	●	1C4.10	ENLARGED SITE PLANS
●	●	●	●	1C4.20	ENLARGED GRADING PLANS
●	●	●	●	1C4.30	ENLARGED UTILITY PLANS
●	●	●	●	1C5.01	SITE DETAILS
●	●	●	●	1C5.02	SITE DETAILS
●	●	●	●	1C5.03	EROSION AND SEDIMENT CONTROL DETAILS
●	●	●	●	1C5.04	UTILITY DETAILS
●	●	●	●	1C5.05	UTILITY DETAILS
●	●	●	●	1C5.06	UTILITY DETAILS
●	●	●	●	1C5.07	UTILITY DETAILS
●	●	●	●	1L1.01	LANDSCAPE PLAN

DOLLAR GENERAL

DOLLAR GENERAL CORPORATION  
100 MISSION RIDGE  
GOODLETTSVILLE, TN 37072

PROJECT

DOLLAR GENERAL FRESH  
WAREHOUSE  
20XX NY HWY 55  
AMSTERDAM, NEW YORK

SHEET INDEX

PERMIT ISSUE  
10/13/2023

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CERTIFICATION



UNAUTHORIZED ALTERATION OR  
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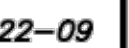
SHEET

COVER SHEET  
1C0.00

PROJECT NO.

DGC20025







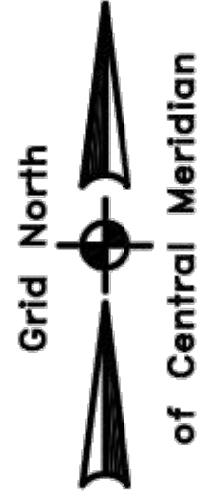


TABLE A ITEMS

1.           Monuments placed (or a reference monument or witness to the corner) at all major corners of the boundary of the property, unless already marked or referenced by existing monuments or witnesses in close proximity to the corner.
2.           The E911 address of the surveyed property is Florida Park Extension, STHWY 55, Amsterdam, NY 12010.
3.           Flood zone classification (with proper annotation based on federal Flood Insurance Rate Maps or the state or local equivalent) depicted by scaled map location and graphic plotting only.
4.           Gross land area is 21.47 acres.
5.           Vertical relief with the source of information (e.g., ground survey, aerial map), contour interval, datum, with originating benchmark, when appropriate. To be completed upon snow melt.
6.           (a) If the current zoning classification, setback requirements, the height and floor space area restrictions, and parking requirements specific to the surveyed property are set forth in a zoning report or letter provided to the surveyor by the client or the client's designated representative, list the above items on the plat or map and identify the date and source of the report or letter.  
          (b) If the zoning setback requirements specific to the surveyed property are set forth in a zoning report or letter provided to the surveyor by the clients of the client's designated representative and if those requirements do not require an interpretation by the surveyor, graphically depict those requirements on the plat or map and identify the date and source of the report or letter. (See Current Zoning Information Table)
7.           (a) Exterior dimensions of all building at ground level. At the time of the survey, no buildings were on the property.  
          (b) Square footage of: (1) exterior footprint of all buildings at ground level. At the time of the survey, no buildings were on the property.  
          (c) Square footage of: (2) other areas as specified by the client.  
          (d) Measured height of all the buildings above grade at a location specified by the clients. If no location is specified, the point of measurement shall be identified. At the time of the survey, no buildings were on the property.
8.           Substantial features were observed in the process of conducting the fieldwork (in addition to the improvements and features required pursuant to Section 5 above) (e.g., parking lots, billboards, signs, swimming pools, landscaped areas, substantial areas of refuse).
9.           Number and type (e.g., disabled, motorcycle, regular, and other marker specialized types) of clearly identifiable parking spaces on surface parking area, lots, and in parking structures. Striping of clearly identifiable parking spaces on surface parking areas and lots. At the time of the survey, no parking spaces were on the property.
10.           As designated by the client, a determination of the relationship and location of certain division or party walls with respect to adjoining properties.
11.           Evidence of underground utilities existing on or serving the surveyed property (in addition to the observed evidence of utilities required pursuant to Section 5.E.iv.) as determined by:  
          (a) plans and/or reports provided by client (with reference as the sources of information).  
          (b) markings coordinated by the surveyor pursuant to a private utility locate request.  
*Note to the client, insurer, and lender - With regard to Table A, item 11, information from the sources checked above will be combined with observed evidence of utilities pursuant to Section 5.E.iv. to develop a view of the underground utilities. However, lacking excavation, the exact location of underground features cannot be accurately, completely, and reliably depicted. In addition, in some jurisdictions, 811 or other similar utility locate requests from surveyors may be ignored or result in an incomplete response, in which case the surveyor shall note on the plat or map how this affected the surveyor's assessment of the location of the utilities. Where additional or more detailed information is required, the client is advised that excavation may be necessary.*
12.           As specified by the client, Governmental Agency survey-related requirements (e.g., HUD surveys, surveys for leases on Bureau of Land Management managed lands). The relevant survey requirements are to be provided by the client or client's designated representative.
13.           Names of adjoining owners according to current tax records. If more than one owner, identify the first owner's name listed in the tax records followed by "et al." As shown.
14.           As specified by the client, distance to the nearest intersecting street.
15.           Rectified orthophotography, photogrammetric mapping, remote sensing, airborne/mobile laser scanning and other similar products, tools or technologies as the basis for the showing the location of certain features (excluding boundaries) where ground measurements are not otherwise necessary to locate those features to an appropriate and acceptable accuracy relative to a nearby boundary. The surveyor must (a) discuss the ramifications of such methodologies (e.g., the potential precision and completeness of the data gathered thereby) with the insurer, lender, and client prior to the performance of the survey, and (b) place a note on the face of the survey explaining the source, date, precision, and other relevant qualifications of any such data.
16.           No evidence of recent earth moving work, building construction, or building additions observed in the process of conducting the fieldwork.
17.           Proposed changes in street right of way lines, if such information is made available to the surveyor by the controlling jurisdiction. Evidence of recent street or sidewalk construction or repairs observed in the process of conducting the fieldwork. As shown.
18.           Pursuant to Section 5 and 6 (and applicable selected Table A items, excluding Table A item 1), include as part of the survey any plottable offsite (i.e., appurtenant) easements disclosed in documents provided to or obtained by the surveyor.
19.           Professional Liability Insurance policy obtained by the surveyor in the minimum amount of \$ \_\_\_\_\_ to be in effect throughout the contract term. Certificate of Insurance to be furnished upon request, but this item shall not be addressed on the face of the plat or map.

NOTES

Underground utilities exist on this parcel. Due to their unknown underground location they are subject to field verification. Call "UDIG NY" @ 811 at least two (2) working days prior to any digging.

Only observed utilities shown are from field evidence found and located. Also historical mapping provided by The Town of Florida and UDIG NY were available for use.

Horizontal datum is based on NAD83.  
The New York State Coordinate System is in Eastern Zone.

Contour interval = 1.0'.

FLOOD ZONE

Said described property is located within an area having a Zone Designation X by the Secretary of Housing and Urban Development, on Flood Insurance Rate Map No. 36057C0184E & 36057C0195E, with a date of identification of January 19, 2018, for Community Number 360445, Montgomery County, State of New York, which is the current Flood Insurance Rate Map for the community in which said property is situated.

SURVEY DESCRIPTION

New York State Route 55  
All that piece or parcel of land situate at New York State Route 55, Town of Florida, County of Montgomery, State of New York bounded and described as follows:

Beginning at a point in the northeasterly boundary of an existing Town Road (New York State Route 55) as shown on an appropriation for New York State Route 55 as shown on Fultonville-Amsterdam, Pt. 2, Map No. 10 A,B by New York State Department of Public Works, dated April 30, 1928 and on file in the N.Y.S. D.O.T., Region 2, Utica, N.Y., at its intersection with the remaining lands of Montgomery County Industrial Development Agency (Instrument Number 2009-00032873) on the west and the property herein described on the east, said point being 5° 26' 08" 25" E, 451.61 feet, from a capped iron rod found in the Southwest Corner of the lands of Douglas C. Burroughs and Joann Burroughs as Trustee of the Burroughs Family Irrevocable Trust-2009 (Instr. #2009-00033238), said point being the point of beginning, Thence the following seven courses and distances through the remaining lands of the above referenced Montgomery County Industrial Development Agency:

N 13° 47' 42" E, 625.37 feet to a point,  
S 75° 58' 35" E, 63.93 feet to a point,  
S 83° 02' 39" E, 51.45 feet to a point,  
N 85° 08' 11" E, 158.20 feet to a point,  
N 66° 13' 24" E, 56.10 feet to a point,  
N 13° 35' 11" E, 131.13 feet to a point, and  
N 48° 59' 49" E, 43.87 feet to a point in the line between the lands of Mark E. Quiri (Instrument Number 2005-00004478) on the northeast and the property herein described on the southwest; Thence S 52° 04' 48" E along the lands of the said Quiri 1148.81 feet to a point in the line between the lands of Bernard Mars and Kristin Mars (Liber 682 of Deeds at Page 164) on the east and the property herein described on the west; Thence S 10° 44' 04" W along the lands of the said Mars 470.00 feet to a point in the northeasterly boundary of the above referenced New York State Route 55, said point also being shown on the above referenced appropriation for New York State Route 55; Thence the following ten courses and distances along the said New York State Route 55:

N 79° 40' 25" W, 127.37 feet to a point,  
On a curve to the right having a radius of 1401.00 feet, an arc length of 283.45 feet, and a delta angle of 11° 35' 32" to a point,  
N 68° 18' 16" W, 390.01 feet to a point,  
On a curve to the right having a radius of 1261.00 feet, an arc length of 101.25 feet, and a delta angle of 04° 35' 58" to a point,  
N 29° 01' 18" E, 188.24 feet to a point,  
N 62° 51' 00" W, 10.00 feet to a point,  
S 28° 58' 05" W, 190.00 feet to a point,  
On a curve to the right having a radius of 1261.00 feet, an arc length of 104.77 feet, and a delta angle of 04° 45' 37" to a point,  
N 78° 26' 55" W, 212.08, feet to a point, and  
On a curve to the right having a radius of 5697.00 feet, an arc length of 184.31 feet, and a delta angle of 01° 51' 13" to the point of beginning, containing 21.47 acres.

All bearings are referred to Grid North of Central Meridian.  
Being a part of the premises conveyed to Montgomery County Industrial Development Agency by deed recorded June 11, 2009 in the Montgomery County Clerk's Office as Instrument Number 2009-00032873.

TITLE REPORT ITEMS

Referencing Title Number NLT-32778A-MONT-22 by Stewart Title Insurance Company, Effective Date: 3/7/2022 Schedule B:

9.) Grant of Easement made by Montgomery County Industrial Development Agency to Niagara Mohawk Power Corporation dated 9/16/2010, recorded 10/13/2020 in instrument No. 2010-3966. Does Not Affect Property

10.) Easement agreement made by Montgomery County Industrial Agency and Town of Florida dated 3/30/2010, recorded 12/29/2010 in instrument No. 2010-40635. Does Not Affect Property

11) Grant of Easement made by Montgomery County Industrial Development Agency to Niagara Mohawk Power Corporation dated 4/4/2017, recorded 5/15/2017 in instrument No. 2017-72960. Shown as plotted

12) Grant of Easement made by Montgomery County Industrial Development Agency to Niagara Mohawk Power Corporation dated 4/4/2017, recorded 5/15/2017 in instrument No. 2017-72960. Does Not Affect Property

Items 1-8, and 13 are not survey matters.

Current Zoning Information

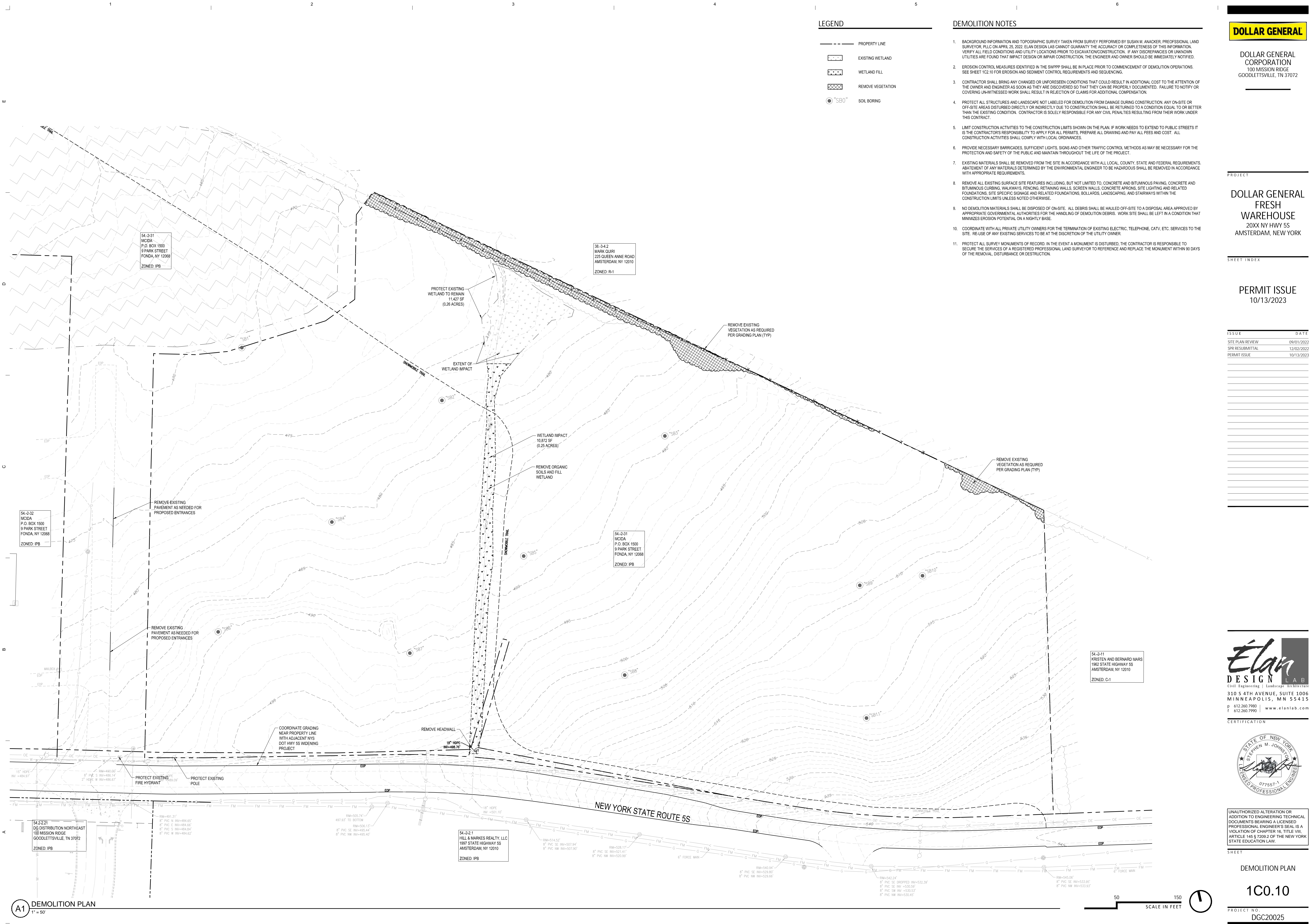
Source of Information: Town of Florida Website			
Name of Contact: Emily Staley			
Address: 214 Fort Hunter Road, Amsterdam, NY 12010			
Phone: 518-843-6372		Fax: N/A	Email: emilystaley.tofclerk@outlook.com
Zoning District(s): Industrial Business Park (IBP)			
Building Setback Requirements			
	Existing	Required/Allowed	Notes
Front Setback	0'	50'	
Side Setback	0'	One: 20' Both: 50'	
Rear Setback	0'	30'	
Parking Requirements: None			
Height Restrictions: None			
Floor Space Area Restrictions: None			

ALTA/NSPS  
Land Title Survey  
of property of  
MONTGOMERY COUNTY  
INDUSTRIAL DEVELOPMENT AGENCY

T.M. #54-2-2.31 (part of)  
TOWN OF FLORIDA, COUNTY OF MONTGOMERY  
STATE OF NEW YORK  
Dated: April 25, 2022 Scale: 1" = 80'  
Drawn By: Katrina Talbot  
Survey and Map by: Susan M. Anacker, Professional Land Surveyor  
Susan M. Anacker, L.S. Lic # 50321  
11082 Davis Road East, Deerfield, New York 13502  
(315) 724-6800

ISSUE	DATE
SITE PLAN REVIEW	09/01/2022
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PERMIT ISSUE	10/13/2023





DOLLAR GENERAL

DOLLAR GENERAL  
CORPORATION  
100 MISSION RIDGE  
GOODLETTSVILLE, TN 37072

PROJECT

DOLLAR GENERAL  
FRESH  
WAREHOUSE  
20XX NY HWY 55  
AMSTERDAM, NEW YORK

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SHEET

DEMOLITION PLAN

1C0.10

PROJECT NO.  
DGC20025



[illegible]

EET

### SITE PLAN NOTES

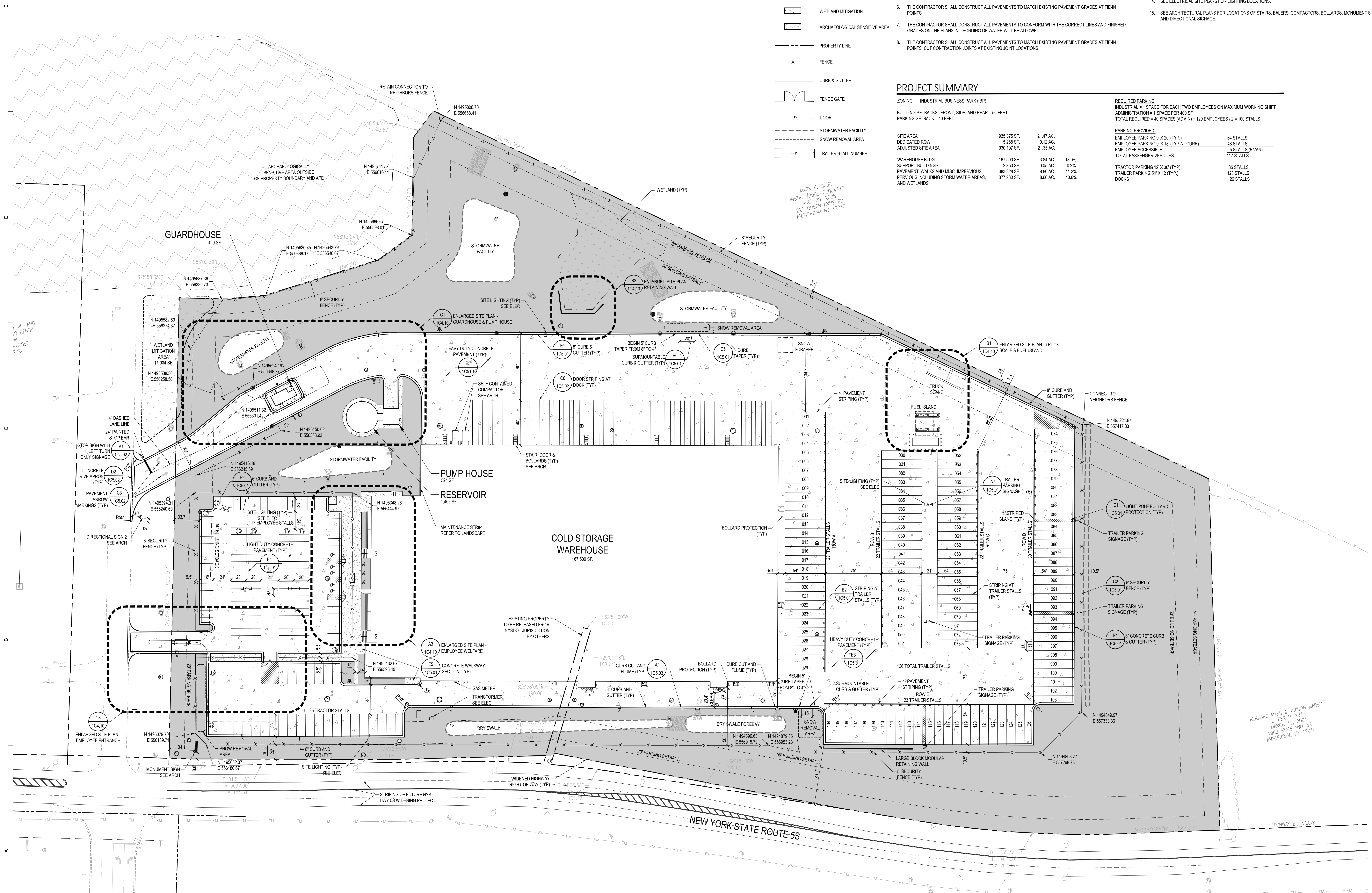
1. DIMENSIONS SHOWN ON THIS PLAN ARE TO THE PROPERTY LINE, EDGE OF PAVEMENT, FACE OF CURB AND BUILDING FACE.
2. ALL PARKING STALLS TO BE PAINTED WITH A 4" WIDE YELLOW STRIPE. ACCESSIBLE ROUTES AND ACCESS AISLES TO BE PAINTED WITH A 6" YELLOW PERIMETER BORDER AND A 2" WIDE STRIPE. 18" ON CENTER, AND 45 DEGREES TO STALL. ACCESSIBLE STALL PAVEMENT MARKING SHALL BE PAINTED YELLOW 4" WIDE.
3. PROVIDE PAINT SYMBOLS AND SIGNAGE AT ACCESSIBLE PARKING SPACES.
4. PROVIDE PAINT SYMBOLS FOR DIRECTIONAL ARROWS.
5. THE CONTRACTOR SHALL CONSTRUCT ALL PAVEMENTS TO CONFORM WITH THE CORRECT LINES AND FINISHED GRADES ON THE PLANS. NO PONDING OF WATER WILL BE ALLOWED.
6. THE CONTRACTOR SHALL CONSTRUCT ALL PAVEMENTS TO MATCH EXISTING PAVEMENT GRADES AT THE IN POINTS.
7. THE CONTRACTOR SHALL CONSTRUCT ALL PAVEMENTS TO CONFORM WITH THE CORRECT LINES AND FINISHED GRADES ON THE PLANS. NO PONDING OF WATER WILL BE ALLOWED.
8. THE CONTRACTOR SHALL CONSTRUCT ALL PAVEMENTS TO MATCH EXISTING PAVEMENT GRADES AT THE IN POINTS. CUT CONTRACTION JOINTS AT EXISTING JOINT LOCATIONS.

**ZONING:** INDUSTRIAL BUSINESS PARK (IBP)  
**BUILDING SETBACKS:** FRONT, SIDE, AND REAR = 50 FEET  
**PARKING SETBACK** = 10 FEET

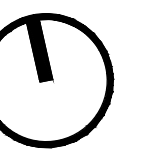
SITE AREA	935,375 SF.	21.47 AC.	
DEDICATED ROW	5,268 SF.	0.12 AC.	
ADJUSTED SITE AREA	930,107 SF.	21.35 AC.	
WAREHOUSE BLDG	167,500 SF.	3.84 AC.	18.0%
SUPPORT BUILDINGS	2,350 SF.	0.05 AC.	0.2%
PAVEMENT, WALKS AND MISC. IMPERVIOUS	383,328 SF.	8.80 AC.	41.2%
PERVIOUS INCLUDING STORM WATER AREAS, AND WETLANDS	377,230 SF.	8.66 AC.	40.6%

**REQUIRED PARKING:**  
 INDUSTRIAL = 1 SPACE FOR EACH TWO EMPLOYEES ON MAXIMUM WORKING SHIFT  
 ADMINISTRATION = 1 SPACE PER 400 SF  
 TOTAL REQUIRED = 40 SPACES (ADMIN) + 120 EMPLOYEES / 2 = 100 STALLS

<u>PARKING PROVIDED:</u>	
EMPLOYEE PARKING 9' X 20' (TYP.)	64 STALLS
EMPLOYEE PARKING 9' X 18' (TYP AT CURB)	48 STALLS
EMPLOYEE ACCESSIBLE	5 STALLS (5 VAN)
TOTAL PASSENGER VEHICLES	117 STALLS
TRACTOR PARKING 12' X 30' (TYP)	35 STALLS
TRAILER PARKING 54' X 12 (TYP.)	126 STALLS
DOCKS	26 STALLS



**A1 SITE PLAN**  
1" = 50'





SPDES AREA SUMMARY

	EXISTING	PROPOSED
IMPERVIOUS		
BUILDING	0.00 ACRES	3.90 ACRES
PAVEMENT	0.00 ACRES	8.80 ACRES
TOTAL IMPV	0.00 ACRES	12.70 ACRES
STORMWATER AREA	0.00 ACRES	0.46 ACRES
WETLANDS	0.51 ACRES	0.51 ACRES
PERVIOUS	21.85 ACRES	9.09 ACRES
TOTAL	21.85 ACRES	21.85 ACRES

LEGEND

1086	MINOR PROPOSED CONTOUR
1085	MAJOR PROPOSED CONTOUR
1084	MINOR EXISTING CONTOUR
1100	MAJOR EXISTING CONTOUR
W	STORM SEWER
F	DOMESTIC WATERMAIN
G	FIRE MAIN
COMM	NATURAL GAS
UE	TELECOM DATA
966.3' + MATCH	UNDERGROUND ELECTRIC
966.35' HP	MATCH EXISTING
966.35' LP	HIGH POINT
966.35' TC	LOW POINT
966.35' TW	TOP OF CURB
966.35' BW	TOP OF WALL
	BOTTOM OF WALL
	RIP-RAP SPILLWAY

GRADING PLAN NOTES

- CONTRACTOR SHALL UTILIZE THE DIGITAL FILE SUPPLIED BY THE ENGINEER FOR LAYOUT.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ASSESSING THE STABILITY OF AND EXECUTING PROJECT EXCAVATIONS USING SAFE METHODS. CONTRACTOR IS ALSO RESPONSIBLE FOR NAMING THE "COMPETENT INDIVIDUALS" AS PER SUBPART P OF CFR 1926.8 (FEDERAL REGISTER - OSHA)
- THE TOP OF ALL EXCAVATIONS LEFT OPEN OVERNIGHT SHALL BE MARKED WITH ORANGE SAFETY FENCE.
- CONTRACTOR, SUB-CONTRACTORS, SUPERVISORY PERSONNEL AND OPERATORS MUST ALL READ, UNDERSTAND AND FOLLOW THE TEXT OF THE EROSION AND SEDIMENT CONTROL PLAN, SHEET 1C210. THERE IS CRITICAL INFORMATION ON THAT PLAN THAT AFFECTS GRADING CONSTRUCTION.
- SUFFICIENT HIGH QUALITY TOPSOIL SHALL BE PRESERVED TO INSTALL 12 INCHES OVER ALL GREENSPACES OF THE SITE.
- CONSTRUCTION LIMITS: THE CONSTRUCTION LIMITS ARE TO BE ESTABLISHED WITH A PERIMETER SILT FENCE AS SHOWN.
- INGRESS AND EGRESS TO THE SITE SHALL AT ALL TIMES BE LIMITED TO THE CONSTRUCTION ENTRANCE FROM THE LOCAL STREET WEST OF THE SITE. NO DIRECT ACCESS FROM NYS HIGHWAY 55 WILL BE ALLOWED.
- NO GRADING SHALL OCCUR WITHIN WETLAND TO REMAIN. CONTRACTOR SHALL STAKE AND PROTECT LIMITS PRIOR TO ANY EARTH MOVING ACTIVITIES.
- GRADE SWALE AT EAST SIDE OF SITE WITH 1' WIDE BOTTOM AND 3:1 SIDE SLOPES ALONG BASE OF BERM AT 1.1% SLOPE. GRADE A BERM (5' TOP) ON PAVEMENT SIDE WHERE NECESSARY TO MAINTAIN A MINIMUM SWALE DEPTH OF 18 INCHES.
- ALL PAVEMENT GRADES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:  
CONCRETE PAVEMENT - 0.5% MINIMUM, 5% MAXIMUM
- CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF SOIL, UTILITY AND BUILDING RETENTION SYSTEMS.
- RETAINING WALLS SHALL BE CONSTRUCTED DURING THE GRADING PHASE.
- RETAINING WALLS 4 FEET AND HIGHER REQUIRE A SEPARATE BUILDING PERMIT.
- SEE LANDSCAPE PLANS FOR REVEGETATION AND PLANTING REQUIREMENTS

DOLLAR GENERAL

DOLLAR GENERAL CORPORATION  
100 MISSION RIDGE  
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PROJECT

DOLLAR GENERAL  
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CERTIFICATION



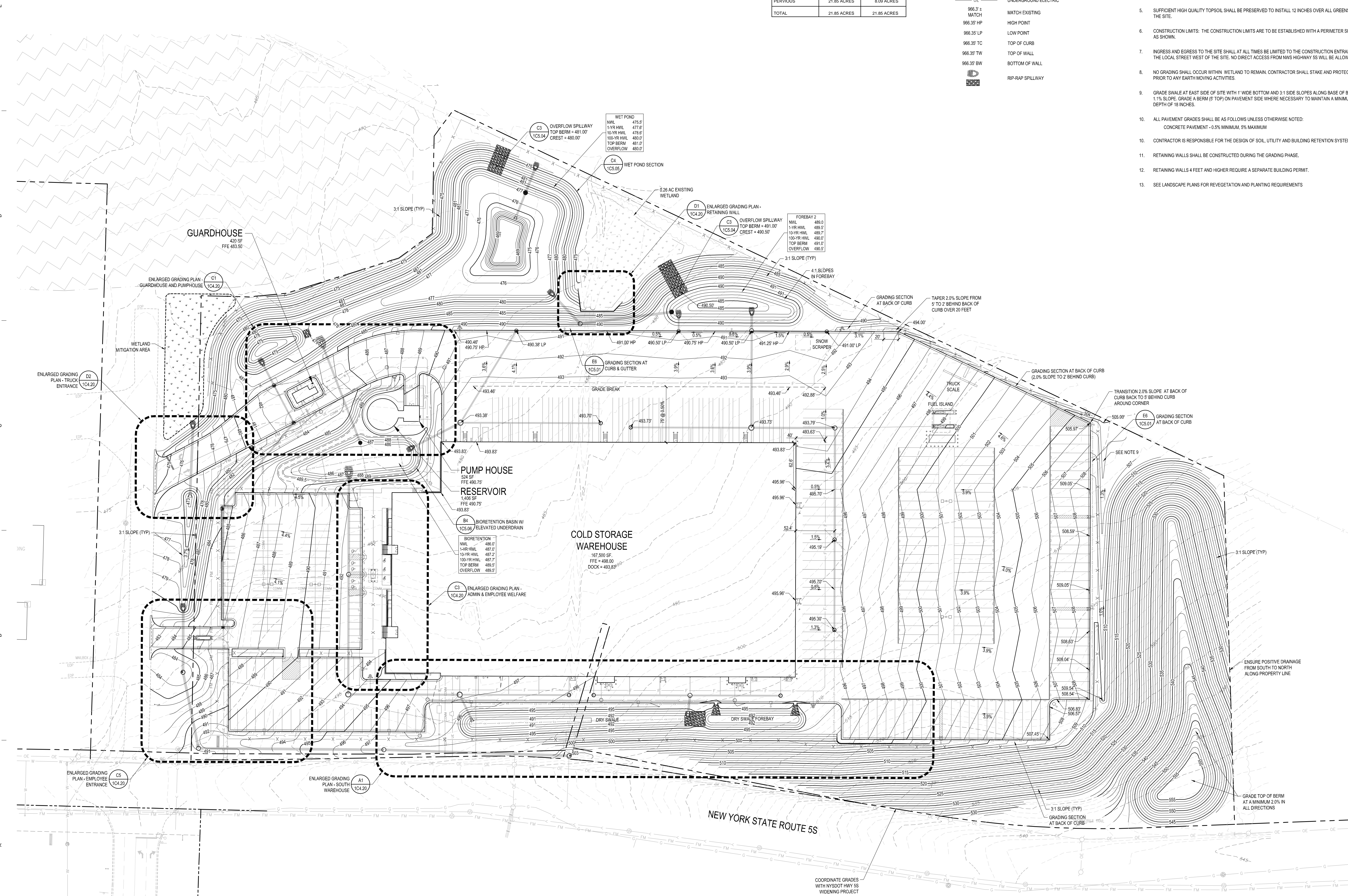
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SHEET

GRADING PLAN

1C2.01

PROJECT NO.  
DGC20025



A1 GRADING PLAN  
1" = 50'





Project Name / Location

Project Name	Dollar General Fresh Distribution Center
Project Address	20XX NY Hwy, 55 Amsterdam NY
Latitude / Longitude	42°56'15" N 74°15'35" W
Project Type	Commercial Site

Contacts

Owner/Owner's Representative	Contractor (Operator)	Owner/ Operator's Engineer
Kacey Levine	Darren Lackey	Marcelle Weslock
Dollar General	Clayco	Élan Design Lab, Inc.
100 Mission Ridge	2199 Innerbelt Business Center Dr.	310 4 <sup>th</sup> Ave S
		Suite 1006
Goodlettsville, TN 37072	St. Louis, MO 63114	Minneapolis, MN 55415
(404) 309-9846		612.260.7979
klevine@dollargeneral.com		mveslock@elanlab.com

Relevant Standards and Guidelines

The erosion and sediment control measures on site have been designed to prevent erosion and soil loss from the site, whilst protecting neighboring properties and the nearby wetlands from sediment pollution. In the design of this project's erosion and sediment control practices, the following documents were utilized for regulations and guidelines:

- New York State Stormwater Management Design Manual, January 2015.
- New York State Department of Environmental Conservation SPDES General Permit for Stormwater Discharges from Construction Activity, Permit No. GP-0-20-001, Effective January 29, 2020, Expires January 28, 2025.

Site Characteristics

Location

The project is located north of I-90, on the north side of Route 55. It is directly across the highway from the Hill & Markes Inc. Distribution Center and another larger Dollar General Distribution Center. The site is roughly 4 miles west of Amsterdam, NY in Montgomery County. See Figure 1 for Site Location Map.

Latitude: 42°56'15" N

Longitude: 74°15'35" W



Figure 1: Site Location Map

Existing Land Use

The existing site is currently used for agricultural purposes. There is an existing 0.51 acre wetland on the site; the wetland stretches north along a narrow ditch though the center of the site. The ditch portion of the wetland will be removed for development of the site, but the north end of the wetland where it widens is to be preserved. Approximately 0.25 acres of wetland is proposed to be mitigated. The existing wetland boundaries are shown on 1C0.10. The wetland delineation report is included in the Stormwater Management Report published separately but is included as an attachment to this SWPPP.

Topography

The site is sloped extensively from the high point in the southeast at approximately 544 feet to the northwest at an elevation of 470 feet. Runoff drains northwest across the site towards the existing wetlands at an average slope of 6%. Slopes range from 2% to 17%. The wetland/ditch that currently runs north through the center of the site also conveys runoff from the culvert under Route 55 from a drainage area across the highway. Three subcatchments are delineated in the existing condition that are within the project site, two others are located offsite that convey offsite drainage through the project site. All subcatchments ultimately drain to the northwest wetland areas. This existing drainage pattern is to be preserved in the proposed condition.

Existing Soils

The existing soil types are summarized in the USDA Web Soil Survey report shown in Figures 2 and 3. Infiltration is not feasible on this site due to the amount of clayey/silty (ML) soils encountered in the geotechnical investigation, this is consistent with the majority HSG C/D soils shown in the web soil survey. The geotechnical report can be found in the Stormwater Management Report published separately but is included as an attachment to this SWPPP.



Figure 2: USDA Web Soil Survey Map

Figure 3: USDA Web Soil Survey Key and Soil Types

Map Unit Symbol	Map Unit Name	Percent of AOI	Hydrologic Soil Group
DaB	Darien silt loam 3-8% slopes	71.2%	C/D
DaC	Darien silt loam 8-15% slopes	3.8%	C/D
LaB	Lansing silt loam 3-8% slopes	18.4%	B
LaC	Lansing silt loam 8-15% slopes	6.5%	B

Disturbance and Impervious Cover

Approximately 21.85 acres will be disturbed in the development of the site. The disturbed area extends beyond the property line for the wetland mitigation area, driveway, and the construction of the bypass pipe. Slightly exceeding the site acreage of 21.52 acres. It is understood that a 5-acre waiver request will be required in order for the earthwork to be balanced on this site with the existing topography. The remainder of disturbance will consist of the grading of stormwater management facilities, import of fill for grading, utility installation, and the proposed development. The development will increase the

impervious surface on the site from zero to 12.69 acres. A wetland mitigation area is proposed in the northwest corner of the site, however, the site will likely require in-lieu wetland mitigation credits to achieve the total required wetland replacement. Wetland impacts amount to 0.25 acres due to the construction of the warehouse. The wetland mitigation shown equals 0.25 acres and is proposed to be located partially within the Town of Florida right of way.

Stormwater Management System Overview

Stormwater Quantity and Quality

The proposed stormwater conveyance system is designed to resemble the existing drainage patterns. Stormwater management is provided by three primary BMPs: a wet pond, a bioretention basin and a dry swale. The rate control and water quality volume are provided by the wet pond. The RRV is provided by disconnected rooftop, a dry swale and bioretention basin. The comprehensive overview of the stormwater management design is in the Stormwater Management Report published separately, but is included as an attachment to this SWPPP. This system has been designed according to the guidelines and regulations found in the New York State Stormwater Management Design Manual (2015).

Construction Sequence

The contractor shall comply with the following sequence. The Contractor may make adjustments to the sequence if needed to address actual field conditions.

- Install silt fence as indicated on the Erosion and Sediment Control Plan (1C2.11).
- Install Rock Construction Entrance.
- Strip topsoil and clear vegetation. Stockpile best quality topsoil for revegetation.
- Install NYSDOT bypass culvert: Storm lines A1 & H1.
- Begin fill import and mass grading.
- Excavate temporary sedimentation basins and temporary overflow channel to existing outfalls.
- Install stormwater bypass line first when grading of the bypass area is complete. Install erosion control blankets, riprap, and ditch checks as indicated on 1C2.12. Reinstall construction entrance if needed.
- Excavate stormwater swales, bioretention, forebays and wet detention pond install erosion control blankets and bio-logs as indicated on 1C2.11 & 1C2.12.
- Provide temporary erosion control seeding and mulch to all areas that drain offsite or towards sedimentation basins throughout construction work.
- Install site utilities, including stormwater drainage system.
- Install inlet protection.
- Construct buildings and parking lots.
- Install landscaping, sod, and permanent seeding as indicated by the Landscape Plan.
- Any temporary sedimentation basins shall be excavated of all construction sediment and debris and restored to the grades identified on the construction plans.
- Place topsoil in detention pond and seed where indicated.
- Monitor vegetation and reinstall as needed until fully established.
- File NPDES Notice of Termination ("NOT") with NYSDEC within 30 days of final stabilization.

Pollution and Stormwater Control

Erosion Prevention Measures

The Contractor (Operator) is responsible for all erosion prevention measures for the project including but not limited to the following:

- The Contractor (Operator) shall plan and implement appropriate construction practice and construction phasing to minimize erosion and retain vegetation whenever possible.
- All areas not to be disturbed shall be delineated with flags, stakes, signs, or other means necessary to protect these areas before construction begins on the site.
- All drainage ditches and/or swales shall have temporary or permanent stabilization within 24 hours of connecting to a surface water or 24 hours after construction activity has ceased.
- All pipe outlets shall have temporary or permanent energy dissipation within 24 hours of connecting to a surface water.
- All exposed soils shall be stabilized as soon as possible to limit soil erosion. In no case shall un-worked areas, including stockpiles, have exposed soils for more than 14 days with providing temporary or permanent stabilization.

Sediment Control Measures

The Contractor (Operator) is responsible for all sediment control measures for the project. Sediment control measures include but are not limited to the following:

- Sediment control measures shall be established on all down gradient perimeters prior to any up-gradient land disturbing activities.
- On slopes with 3:1 or steeper grades there shall be no unbroken slope length greater than 75 feet.
- All storm drain inlets and culvert inlets shall be protected by an appropriate BMP during construction until all sources with potential for discharging to the inlet have been stabilized.
- Stockpiles shall be provided with an effective sediment perimeter control and shall not be placed in any type of surface water or drainageway.
- Vehicle tracking shall be minimized with effective BMP's. Where the BMP's fail to prevent sediment from tracking onto streets the contractor shall conduct street sweeping to remove all tracked sediment.

The Operator is responsible for identifying the need for temporary sediment basins based on actual field conditions to protect downstream resources. Temporary sediment basins shall be constructed before up-gradient vegetation is disturbed and maintained until the risk of damage to downstream resources is mitigated by other means.

Winter Erosion and Sediment Control Measures

The Operator is responsible for stabilizing the site prior to winter conditions. Prior to freezing all perimeter protection must be inspected and maintained as required. Disturbed areas of the site not subject to active construction during the winter months shall be mulched.

Dust Control Measures

The Operator is responsible for minimizing dust to the greatest extent possible through the frequent application of water.

Dewatering and Basin Draining Activities

Based on the geotechnical report, there are trace amounts of sand and gravel among the majority clayey silts. Dewatering may be required in the cut sections. The Operator is responsible for adhering to all dewatering and surface drainage regulations, including but not limited to the following:

- Whenever possible, water from dewatering activities shall discharge to a temporary and/or permanent sediment basin.
- If water cannot be discharged to a sedimentation basin, it shall be treated with other appropriate BMP's, to effectively remove sediment.
- All discharge points shall be protected from erosion and scour.
- Discharge water shall be dispersed over an effective energy dissipation measure.
- All water from dewatering shall be discharged in a manner that does not cause nuisance conditions, erosion, or inundation of wetlands. Water shall not be discharged to adjacent residential properties. It must be discharged to a public street.

During construction, temporary sedimentation pods shall be utilized for sediment control. These ponds shall be located as determined by the Operator to protect off-site properties. They shall be sized to contain the runoff from the 1-year 24-hour storm (2.0 inches). The temporary ponds shall remain until the treatment pond is constructed and ready to accept the runoff without impacting earthwork operations. Soil is to be stockpiled adjacent to the temporary ponds to facilitate filling following construction of the treatment pond. The temporary basins shall be cleaned whenever more than 1/3 of the storage volume is lost due to sedimentation.

Final Stabilization Plan

The Operator is responsible for ensuring final stabilization of the site, including but is not limited to the following:

- All soil disturbing activities have been completed.
- All exposed soils have been uniformly stabilized with at least 80% vegetation coverage.
- All drainage ditches, ponds and all storm water conveyance systems have been cleared of sediment and stabilized to preclude erosion.
- All temporary BMP's have been removed and properly disposed.
- Final stabilization shall be performed in accordance with NYSDEC Specifications.

Quantities

Figure 4: Erosion and Sediment Control Quantities

Practice	Detail/Spec	Unit	Quantity
Construction Entrance	A3/1C5.03	EA	1
Bio-Roll Sediment Log	C1/1C5.03	LF	6,805
Ditch Check	C3/1C5.03	EA	19
Inlet Protection	E2, E3 & E4/1C5.03	EA	16
Silt Fence	E1/1C5.03	LF	3,363
Erosion Control Blanket	A5/1C5.03	SF	269,195
Rip-Rap Outlet Protection	E5/1C5.03	CY	86
Seeding	1C2.12	SF	332,928

Implementation Maintenance and Inspection

Inspection and Maintenance

All inspections, maintenance, repairs, replacements, and removal are to be considered incidental to the BMP bid items.

The Contractor (Operator) is responsible for completing required inspections maintenance and observation of weather conditions and rainfall amounts to ensure compliance with the permit requirements. The Contractor (Operator) shall observe the construction site once every seven (7) days during active construction and within 24 hours after a rainfall event greater than 0.5 inches in 24 hours. If the Contractor will have more than five (5) acres exposed at any time, inspections are required twice weekly and shall be separated by a minimum of two (2) full calendar days.

The Contractor (Operator) shall keep a summary maintenance/inspection observation report to be recorded after each site visit/observation. The Contractor (Operator) shall submit a copy of the written inspections monthly to the Owner. Records shall include the following:

- Date and time of inspections
- Name of person conducting inspection
- Findings and recommendations for corrective actions if necessary
- Corrective actions taken
- Date and amount of rainfalls greater than 0.5 inches in 24 hours
- Mention of any changes made to the Storm Water Management Plan.
- A site map indicating active construction areas and land disturbing activities.

The Contractor (Operator) must keep the Storm Water Management Plan, all inspection reports, and amendments onsite. The Contractor (Operator) shall designate a specific location to keep the records whenever construction activity is in progress.

All erosion prevention and sedimentation control BMP's must be inspected to ensure integrity and effectiveness. All nonfunctional BMP's must be repaired, replaced or supplemented with functional BMP's. The Contractor (Operator) must investigate and comply with the following inspection and maintenance requirements:

- All sediment barriers including silt fence, bio-logs, and similar devices must be repaired replaced or supplemented when they become nonfunctional, or the sediment reaches 1/3 of the barrier height. These repairs shall be made within 24 hours of discovery.
- Temporary and permanent sediment basins must be drained, and the sediment removed when the depth of sediment collected in the basin reaches 1/2 the storage volume. Drainage and removal must be completed within 72 hours of discovery.
- Surface waters, including drainage ditches and conveyance systems, must be inspected for evidence of erosion and sediment deposition. The Operator shall remove all deltas and sediment deposited in surface waters, including drainage ways, catch basins, and other drainage systems. The Operator shall re-stabilize the areas where sediment removal results in exposed soil. Removal and stabilization must take place within 7 days of discovery, unless precluded by legal, regulatory or physical constraints. The Contractor (Operator) is responsible for contacting all local, regional, state and federal authorities and receiving any applicable permits, prior to conducting any work.
- Construction site vehicle exit locations shall be inspected daily for evidence of off-site sediment tracking onto paved surfaces. Tracked sediment must be removed from all paved surfaces within 24 hours of discovery.
- The Contractor (Operator) is responsible for the operation and maintenance of temporary and permanent water quality BMP's. As well as erosion and sediment control BMP's for the duration of the construction work at the site.
- If sediment escapes the construction site, all off-site accumulations of sediment must be removed in a manner and at a frequency sufficient to minimize off-site impacts.
- All filtration areas must be inspected to ensure that no sediment from ongoing construction activities is reaching the filtration areas and these areas are protected from compaction due to construction equipment driving across the filtration area.

Pollution Prevention Management Measures

The Contractor (Operator) shall be responsible for all pollution prevention management measures. The Contractor (Operator) is responsible for informing all visitors and/or personnel on-site of the pollution prevention management measures.

All pollution prevention management measures are to be considered incidental to the overall project bid, unless otherwise noted. Pollution prevention management measures include but are not limited to the following:

- The Contractor (Operator) is responsible for the proper disposal, in compliance with NYSDEC disposal requirements, of all solid or liquid waste and hazardous materials on-site.
- Concrete trucks shall not be allowed to wash out or discharge surplus concrete or drum wash water on-site, unless done in an engineered leak-proof containment system. The engineered system provided by the Contractor (Operator) must include site drawings for the project file and written assurance that the system will work as designed and leave no discharge of concrete or concrete residue potential to waters of the state during a minimum of a 100-year storm event. A sign must be installed adjacent to each washout system to inform concrete equipment Operators to utilize the proper facilities. The concrete washout containment system and all related items shall be considered incidental to the project bid.
- All nonhazardous waste materials shall be collected and stored in a securely lidded metal dumpsters or other approved containment method at the end of each day. Any alternative to a metal dumpster must be submitted in writing for approval by the project engineer. The dumpster shall be emptied as necessary to function as intended for debris collection. No construction garbage or waste material shall be buried on-site.
- A licensed sanitary waste management Contractor shall collect all sanitary waste from the portable units at a rate necessary to maintain designed function.
- All fertilizers shall be stored in a covered shelter. Partially used bags shall be transferred to a sealable bin to reduce the chance of spillage.
- External washing of trucks and other construction vehicles and engine degreasing are prohibited at the construction site. All vehicles on-site shall be monitored for leaks and receive regular prevention maintenance to reduce the chance of leakage. Petroleum products shall be stored in tightly sealed containers, which are clearly labeled. Spill kits shall be included with all fueling sources and maintenance activities. Secondary containment measures shall be installed and maintained by the Operator.
- Any asphalt substances used on-site shall be applied in accordance with manufacturer's recommendations.
- All paint containers and curing compounds shall be tightly sealed and stored when not required for use. Excess paint and/or curing compounds shall not be discharged into the storm sewer system and shall be properly disposed of according to manufacturer's instruction.
- Materials and equipment necessary for spill clean-up shall be kept in an enclosed trailer or shed on-site. Equipment shall include. But not limited to, brooms, mops, dust pans, rags, gloves, goggles, absorbent (kitty litter) oil absorbent booms and disposers and buckets.
- All spills shall be contained and cleaned up immediately upon discovery. Spills large enough to reach the storm water conveyance system shall be reported to the NYSDEC at 1-800-457-7362.

Post Construction Operation and Maintenance

Maintenance of the storm water management facilities will be the responsibility of the owner and will be subject to an agreement with the local authority. The agreement will include the following items:

- The detentions ponds shall be inspected and cleaned monthly for debris accumulation. Sediment accumulation in the detention basin and sediment forebays shall be inspected on an annual basis and removed when more than 1/3 of the storage volume is impacted. Owner is strongly encouraged to vacuum sweep entire lot each spring before spring rains wash sediment.
- Debris must be disposed in a licensed landfill.
- Sediment shall be tested for contaminants and disposed of in a manner consistent with state regulations.
- Erosion of side slopes, berms, spillways, pond bottoms, outfalls, etc. should be repaired and revegetated immediately. Further action to prevent future erosion should be taken, as necessary.
- The entire stormwater management area should be mowed every year to prevent voluntary tree growth.
- Noxious weeds shall be removed from the site on an annual basis before they go to seed.
- See Figure 5 for additional inspection and maintenance requirements.

Figure 5: Stormwater Management Inspections & Maintenance of Permanent Structures

Structure or Practice	Minimum Inspection Frequency	Conditions to be Identified	Required
Paved Areas	Semi-annual	Pavement Damage	Repair or repave; Remove sand
Swales	Monthly	Weeds, Sediment Accumulation	Mulch and weed with landscaping; Remove sediment when storage capacity is reduced by 10%
Stormwater Ponds	Weekly and following large storm events	Trash and debris in pretreatment and basin	Remove trash and debris
	Monthly and following large storm events	Erosion of side slopes, embankments, and ground	Repair, as required
	Annually	Sediment accumulation in pond	Inspect annually. Remove sediment when 25% of the pond design depth is exceeded
		Sediment Accumulation in forebay	Remove sediment every 5 to 6 years, or after 50% of forebay capacity is lost.
Vegetated Areas	Monthly	Erosion	Regrade and vegetate as necessary
Drainage Pipe	Monthly	Debris Accumulation	Remove debris when cross-sectional area of pipe is reduced by 10% or more
Catch Basins, Inlets & Manholes	Monthly	Sediment Accumulation	Remove sediment a minimum of 2 times per year or when storage is reduced by 10% or more
Bioretention Basin	Monthly	Debris Accumulation	Remove Trash and Debris
		Standing water between storms. Water should drain down within 48 hours.	Clean debris from outlet grate. Inspect quality of filter bed.
	Annually	Check to ensure the basin is clear of settling sediment.	Clean out underdrains, remove excess sediment in basin. Sediment should not exceed 20% of design depth.
		Erosion	Repair and stabilize eroded areas.

Amendments to the Stormwater Management Plan

The Storm Water Management Plan will be amended as needed and/or as required by provisions of the permit. Amendments will be approved by both the Owner and Contractor (Operator) and will be attached to the Storm Water Management Plan as an additional sheet. The Storm Water Management Plan and amendments will be kept on site by the Contractor (Operator) whenever construction activity is in progress.

National Flood Hazard Layer FIRMette



**Legend**

SEE FIG REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

**SPECIAL FLOOD HAZARD AREAS**

- Without Base Flood Elevation (BFE)
- With BFE or Depth (Zone A, AE, AH, AO, VE, VE1)
- Regulatory Floodway

**OTHER AREAS OF FLOOD HAZARD**

- 0.2% Annual Chance Flood Hazard, Areas of 2% Annual Chance Flood with average depth less than one foot or with drainage areas of less than one square mile (Zone F)
- Future Conditions 1% Annual Chance Flood Hazard (Zone I)
- Area with Reduced Flood Risk due to Levees, See Notes (Zone J)
- Area with Flood Risk due to Levees (Zone K)
- No Screen
- Area of Minimal Flood Hazard (Zone L)
- Effective Limits
- Area of Undetermined Flood Hazard (Zone O)

**OTHER AREAS**

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

**GENERAL STRUCTURES**

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

**OTHER FEATURES**

- Cross Sections with 1% Annual Chance
- Water Surface Elevation
- Coastal Tronsect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Tronsect Baseline
- Public Baseline
- Hydrographic Feature

**MAP PANELS**

- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps. If it is not valid as described below, the basemap shows compliance with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was reported on 10/25/2022 at 3:13 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is valid if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creator data, construction identifiers, FIR panel number, and FIRM effective date. Map images for unmapped and undetermined areas cannot be used for regulatory purposes.

DOLLAR GENERAL

DOLLAR GENERAL CORPORATION  
100 MISSION RIDGE  
GOODLETTSVILLE, TN 37072

PROJECT

DOLLAR GENERAL  
FRESH  
WAREHOUSE  
20XX NY HWY 55  
AMSTERDAM, NEW YORK

SHEET INDEX

PERMIT ISSUE  
10/13/2023

ISSUE	DATE
SITE PLAN REVIEW	09/01/2022
SPR RESUBMITTAL	12/02/2022
PERMIT ISSUE	10/13/2023

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CERTIFICATION



UNAUTHORIZED ALTERATION OR ADDITION TO ENGINEERING TECHNICAL DOCUMENTS BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF CHAPTER 16, TITLE VIII, ARTICLE 145 § 7209.2 OF THE NEW YORK STATE EDUCATION LAW.

SHEET

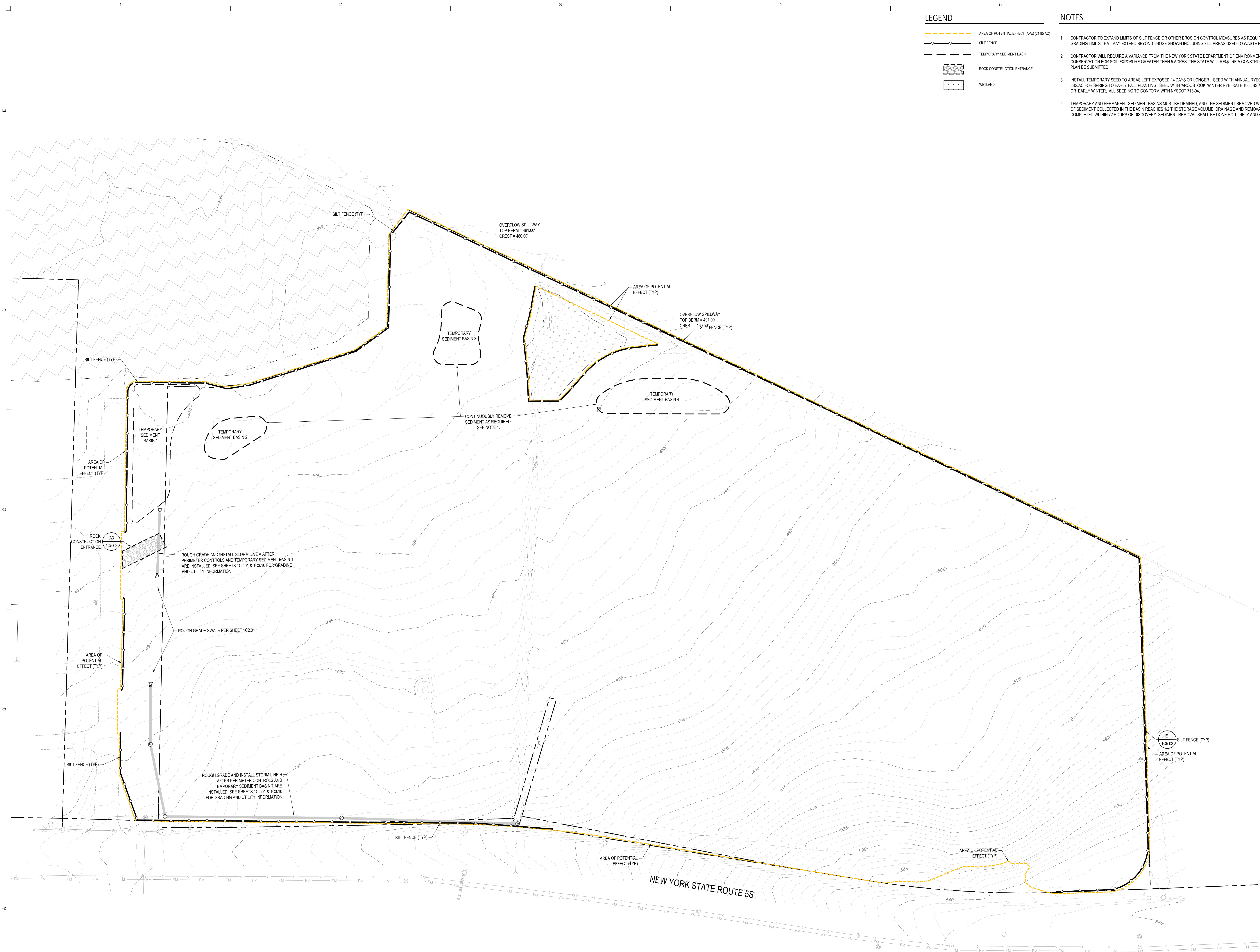
STORMWATER POLLUTION  
PREVENTION PLAN

1C2.10

PROJECT NO.

DGC20025





LEGEND

- AREA OF POTENTIAL EFFECT (APE) (21.85 AC)
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- ROCK CONSTRUCTION ENTRANCE
- WETLAND

NOTES

- CONTRACTOR TO EXPAND LIMITS OF SILT FENCE OR OTHER EROSION CONTROL MEASURES AS REQUIRED TO MATCH GRADING LIMITS THAT MAY EXTEND BEYOND THOSE SHOWN INCLUDING FILL AREAS USED TO WASTE EXCESS MATERIAL.
- CONTRACTOR WILL REQUIRE A VARIANCE FROM THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION FOR SOIL EXPOSURE GREATER THAN 5 ACRES. THE STATE WILL REQUIRE A CONSTRUCTION SEQUENCE PLAN BE SUBMITTED.
- INSTALL TEMPORARY SEED TO AREAS LEFT EXPOSED 14 DAYS OR LONGER. SEED WITH ANNUAL RYEGRASS RATE 30 LBS/AC FOR SPRING TO EARLY FALL PLANTING. SEED WITH 'ARROSTOCK' WINTER RYE RATE 100 LBS/AC FOR LATE FALL OR EARLY WINTER. ALL SEEDING TO CONFORM WITH NYSDOT 713-04.
- TEMPORARY AND PERMANENT SEDIMENT BASINS MUST BE DRAINED, AND THE SEDIMENT REMOVED WHEN THE DEPTH OF SEDIMENT COLLECTED IN THE BASIN REACHES 1/2 THE STORAGE VOLUME. DRAINAGE AND REMOVAL MUST BE COMPLETED WITHIN 72 HOURS OF DISCOVERY. SEDIMENT REMOVAL SHALL BE DONE ROUTINELY AND AT FINAL PHASE.

DOLLAR GENERAL

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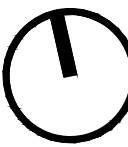
EROSION & SEDIMENT  
CONTROL PLAN PHASE I

1C2.11

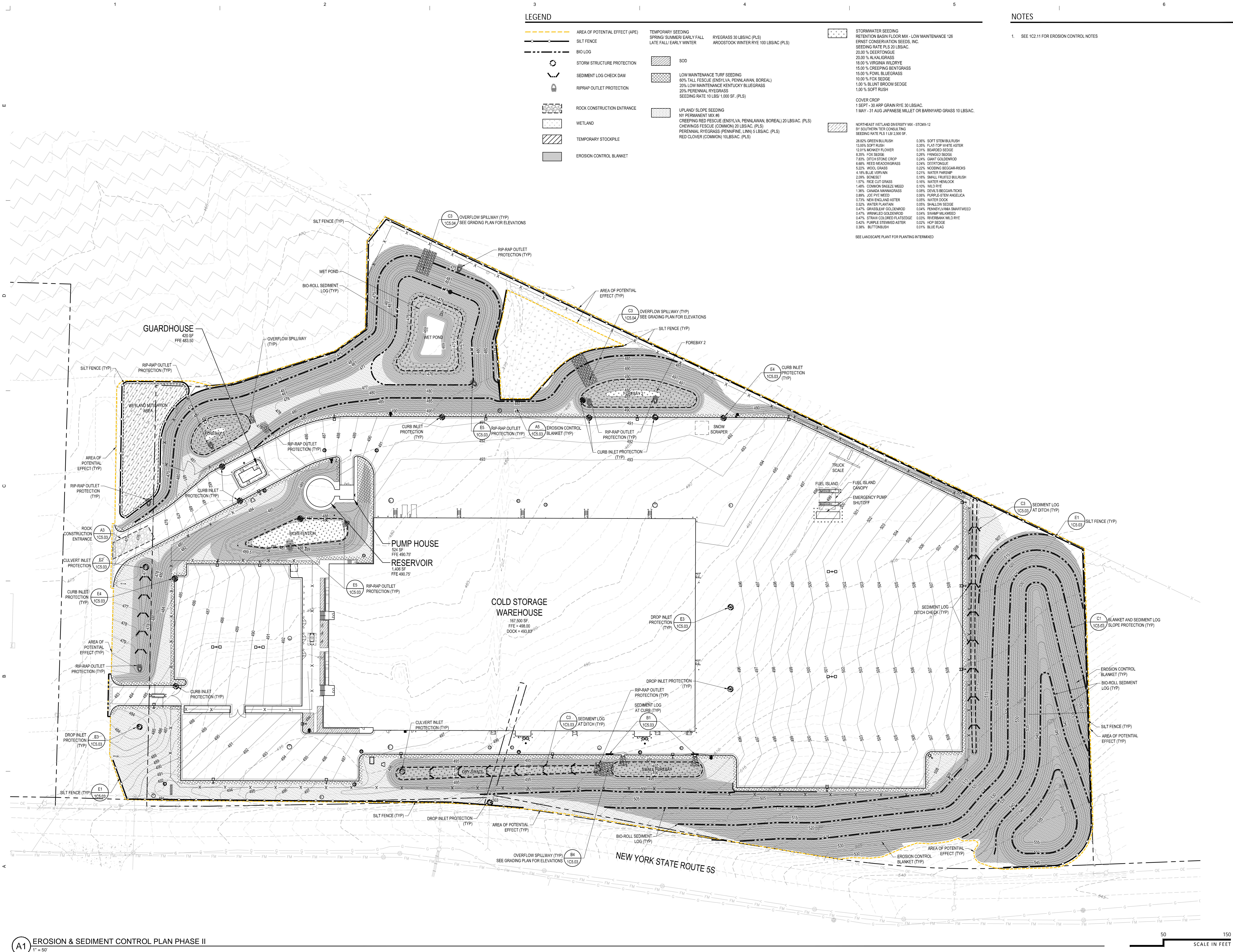
PROJECT NO.  
DGC20025

A1 EROSION & SEDIMENT CONTROL PLAN PHASE I  
1" = 50'

50 150  
SCALE IN FEET







DOLLAR GENERAL

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GOODLETTSVILLE, TN 37072

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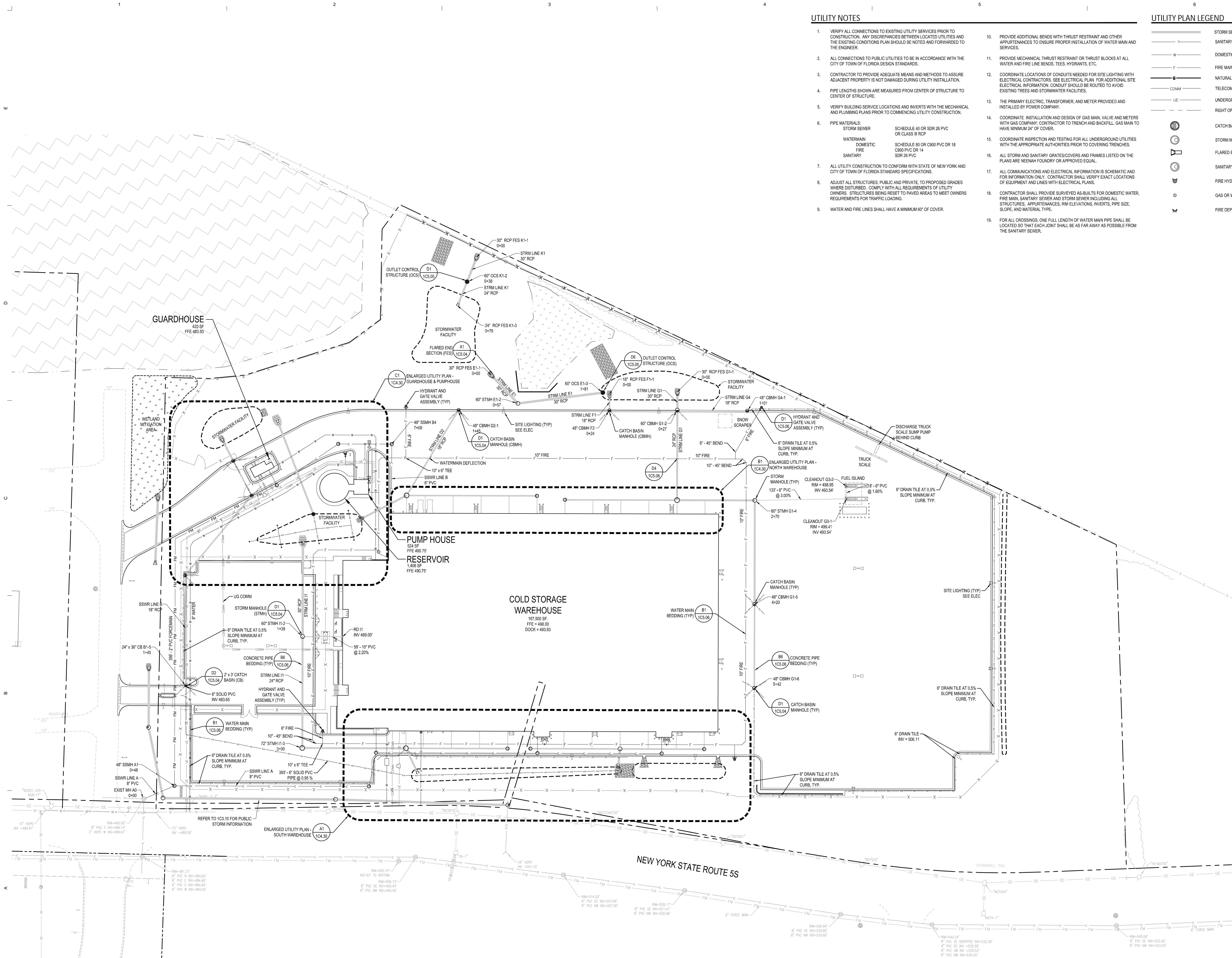
SHEET

EROSION & SEDIMENT  
CONTROL PLAN PHASE II

1C2.12

PROJECT NO.  
DGC20025





UTILITY NOTES

1. VERIFY ALL CONNECTIONS TO EXISTING UTILITY SERVICES PRIOR TO CONSTRUCTION. ANY DISCREPANCIES BETWEEN LOCATED UTILITIES AND THE EXISTING CONDITIONS PLAN SHOULD BE NOTED AND FORWARDED TO THE ENGINEER.
2. ALL CONNECTIONS TO PUBLIC UTILITIES TO BE IN ACCORDANCE WITH THE CITY OF TOWN OF FLORIDA DESIGN STANDARDS.
3. CONTRACTOR TO PROVIDE ADEQUATE MEANS AND METHODS TO ASSURE ADJACENT PROPERTY IS NOT DAMAGED DURING UTILITY INSTALLATION.
4. PIPE LENGTHS SHOWN ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
5. VERIFY BUILDING SERVICE LOCATIONS AND INVERTS WITH THE MECHANICAL AND PLUMBING PLANS PRIOR TO COMMENCING UTILITY CONSTRUCTION.
6. PIPE MATERIALS:

STORM SEWER	SCHEDULE 40 OR SDR 26 PVC OR CLASS III RCP
WATERMAIN	SCHEDULE 80 OR C900 PVC DR 18
DOMESTIC FIRE	C900 PVC DR 14
SANITARY	SDR 26 PVC
7. ALL UTILITY CONSTRUCTION TO CONFORM WITH STATE OF NEW YORK AND CITY OF TOWN OF FLORIDA STANDARD SPECIFICATIONS.
8. ADJUST ALL STRUCTURES, PUBLIC AND PRIVATE, TO PROPOSED GRADES WHERE DISTURBED. COMPLY WITH ALL REQUIREMENTS OF UTILITY OWNERS. STRUCTURES BEING RESET TO PAVED AREAS TO MEET OWNERS REQUIREMENTS FOR TRAFFIC LOADING.
9. WATER AND FIRE LINES SHALL HAVE A MINIMUM 60" OF COVER.
10. PROVIDE ADDITIONAL BENDS WITH THRUST RESTRAINT AND OTHER APPURTENANCES TO ENSURE PROPER INSTALLATION OF WATER MAIN AND SERVICES.
11. PROVIDE MECHANICAL THRUST RESTRAINT OR THRUST BLOCKS AT ALL WATER AND FIRE LINE BENDS, TEES, HYDRANTS, ETC.
12. COORDINATE LOCATIONS OF CONDUITS NEEDED FOR SITE LIGHTING WITH ELECTRICAL CONTRACTORS. SEE ELECTRICAL PLAN FOR ADDITIONAL SITE ELECTRICAL INFORMATION. CONDUIT SHOULD BE ROUTED TO AVOID EXISTING TREES AND STORMWATER FACILITIES.
13. THE PRIMARY ELECTRIC, TRANSFORMER, AND METER PROVIDED AND INSTALLED BY POWER COMPANY.
14. COORDINATE INSTALLATION AND DESIGN OF GAS MAIN, VALVE AND METERS WITH GAS COMPANY. CONTRACTOR TO TRENCH AND BACKFILL GAS MAIN TO HAVE MINIMUM 24" OF COVER.
15. COORDINATE INSPECTION AND TESTING FOR ALL UNDERGROUND UTILITIES WITH THE APPROPRIATE AUTHORITIES PRIOR TO COVERING TRENCHES.
16. ALL STORM AND SANITARY GRATES/COVERS AND FRAMES LISTED ON THE PLANS ARE NEENAH FOUNDRY OR APPROVED EQUAL.
17. ALL COMMUNICATIONS AND ELECTRICAL INFORMATION IS SCHEMATIC AND FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF EQUIPMENT AND LINES WITH ELECTRICAL PLANS.
18. CONTRACTOR SHALL PROVIDE SURVEYED AS-BUILTS FOR DOMESTIC WATER, FIRE MAIN, SANITARY SEWER AND STORM SEWER INCLUDING ALL STRUCTURES, APPURTENANCES, RM ELEVATIONS, INVERTS, PIPE SIZE, SLOPE, AND MATERIAL TYPE.
19. FOR ALL CROSSINGS, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE LOCATED SO THAT EACH JOINT SHALL BE AS FAR AWAY AS POSSIBLE FROM THE SANITARY SEWER.

UTILITY PLAN LEGEND

- STORM SEWER
- SANITARY SEWER
- DOMESTIC WATERMAIN
- FIRE MAIN
- NATURAL GAS
- TELECOMDATA
- UNDERGROUND ELECTRIC
- RIGHT OF WAY
- CATCH BASIN MANHOLE (CBMH)
- STORM MANHOLE (STMH)
- FLARED END SECTION (FES)
- SANITARY MANHOLE (SSMH)
- FIRE HYDRANT
- GAS OR WATER VALVE
- FIRE DEPARTMENT CONNECTION



DOLLAR GENERAL CORPORATION  
100 MISSION RIDGE  
GOODLETTSVILLE, TN 37072

PROJECT

DOLLAR GENERAL  
FRESH  
WAREHOUSE  
20XX NY HWY 55  
AMSTERDAM, NEW YORK

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UTILITY PLAN

1C3.01

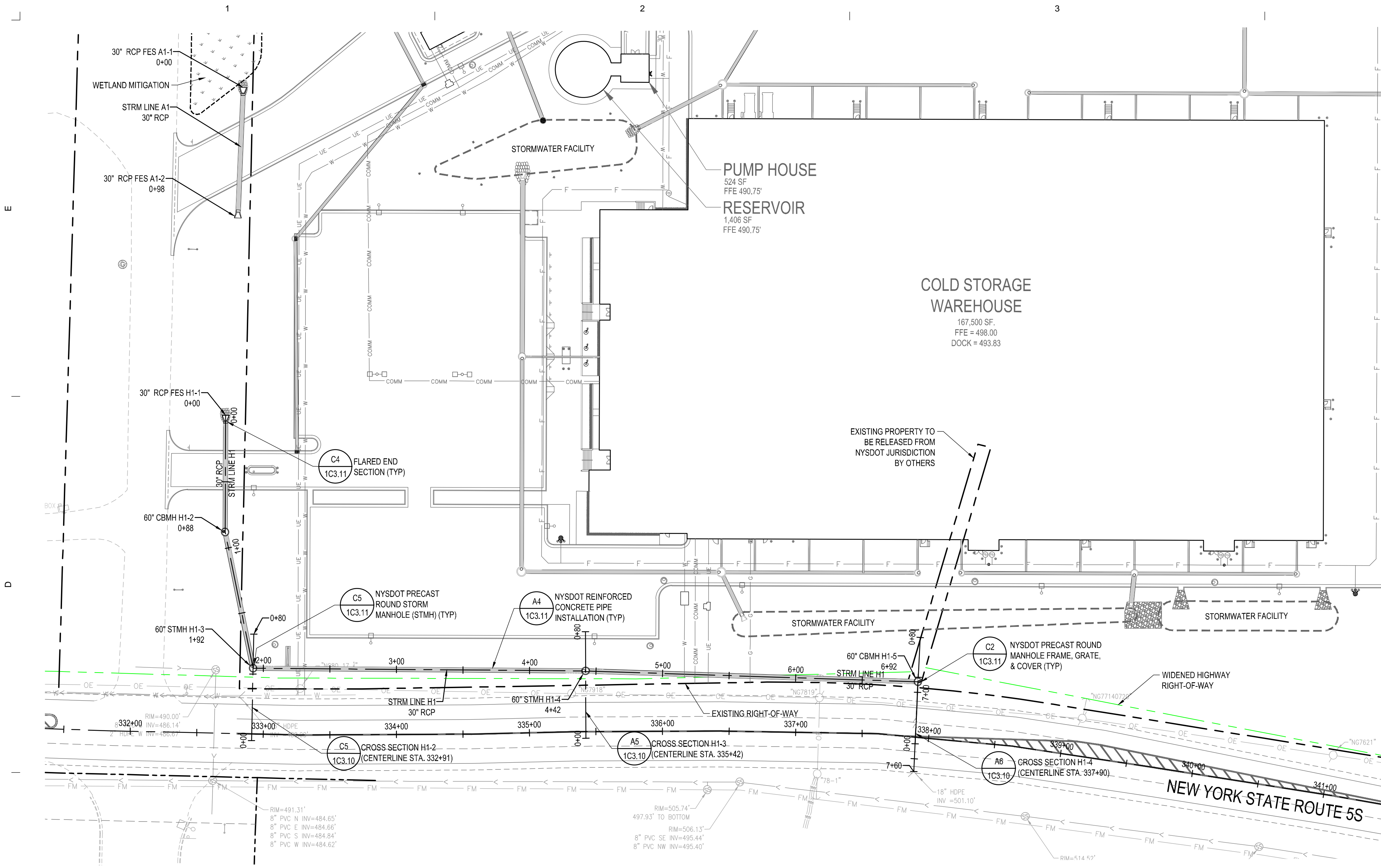
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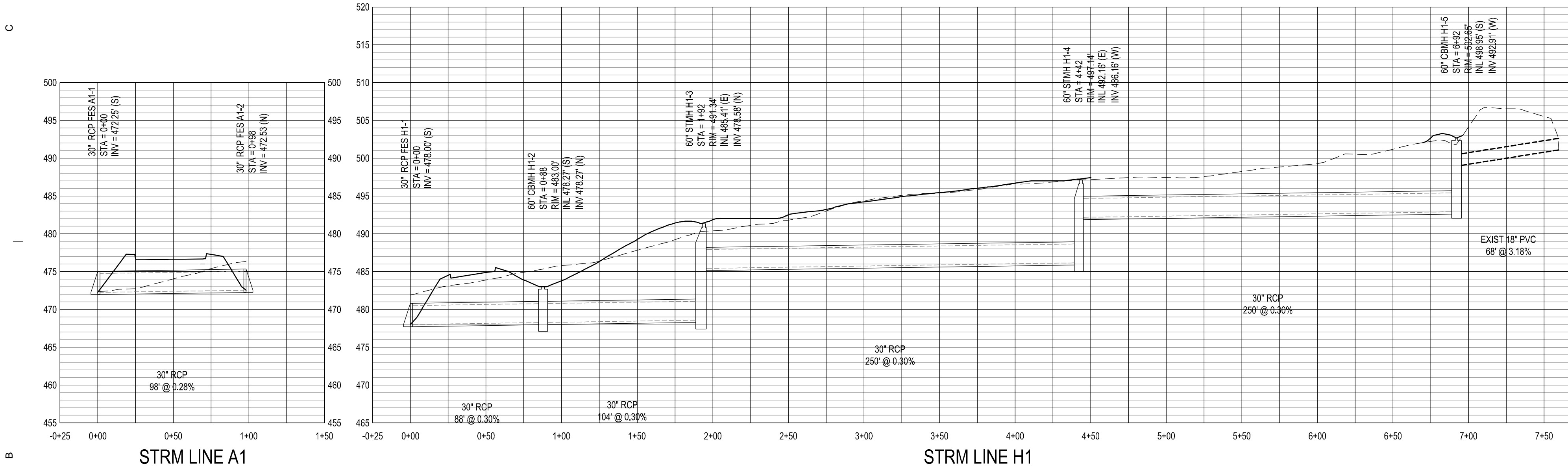


A1 UTILITY PLAN  
1" = 50'





C1 PUBLIC STORM SEWER PLAN  
1" = 50'



B1 PUBLIC STORM SEWER PROFILE  
1" = 50' H  
1" = 10' V

STRUCTURE SCHEDULE						
NODE	DESCRIPTION	NORTHING	EASTING	RIM ELEV	INV IN	INV OUT
A1-1	30" RCP FES A1-1	1495486.21	556226.75	472.25' (S)		
A1-2	30" RCP FES A1-2	1496391.39	556201.50	472.53' (N)		
H1-1	30" RCP FES H1-1	1495248.67	556160.43	478.00' (S)		
H1-2	30" RCP FES H1-2	1495058.59	556139.28	481.34' (E)	478.58' (N)	
H1-3	30" RCP FES H1-3	1495002.44	556382.75	497.14' (E)	486.16' (W)	
H1-4	30" RCP FES H1-4	1494940.33	556024.84	502.65' (S)	489.98' (W)	
H1-5	30" RCP FES H1-5					

A1 PUBLIC STORM SEWER SCHEDULE  
1" = 50'

ESTIMATE OF QUANTITIES			
ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
203.07	SELECT GRANULAR FILL	CY	1096
206.0201	TRENCH AND CULVERT EXCAVATION	CY	1066
603.6007	REINFORCED CONCRETE PIPE, CLASS III, 30 INCH DIA	LF	692
603.7307	REINFORCED CONCRETE PIPE END SECTION, 30 INCH DIA	EACH	3
604.406	ROUND PRECAST CONCRETE MANHOLE TYPE 60	LF	36
610.1601	TURF ESTABLISHMENT - ROADSIDE	SY	1385
619.0193111	DAILY WORK ZONE TRAFFIC CONTROL; OFF ROAD OR SHOULDER CLOSURE	CDAY	21
655.00100011	ROUND CAST FRAME FOR MANHOLE OR CATCH BASIN	EACH	4
655.00040011	CAST GRATE FOR CATCH BASIN	EACH	2
655.00060011	CAST COVER FOR MANHOLE	EACH	2

A1 PUBLIC STORM SEWER SCHEDULE  
1" = 50'

#### UTILITY PLAN LEGEND

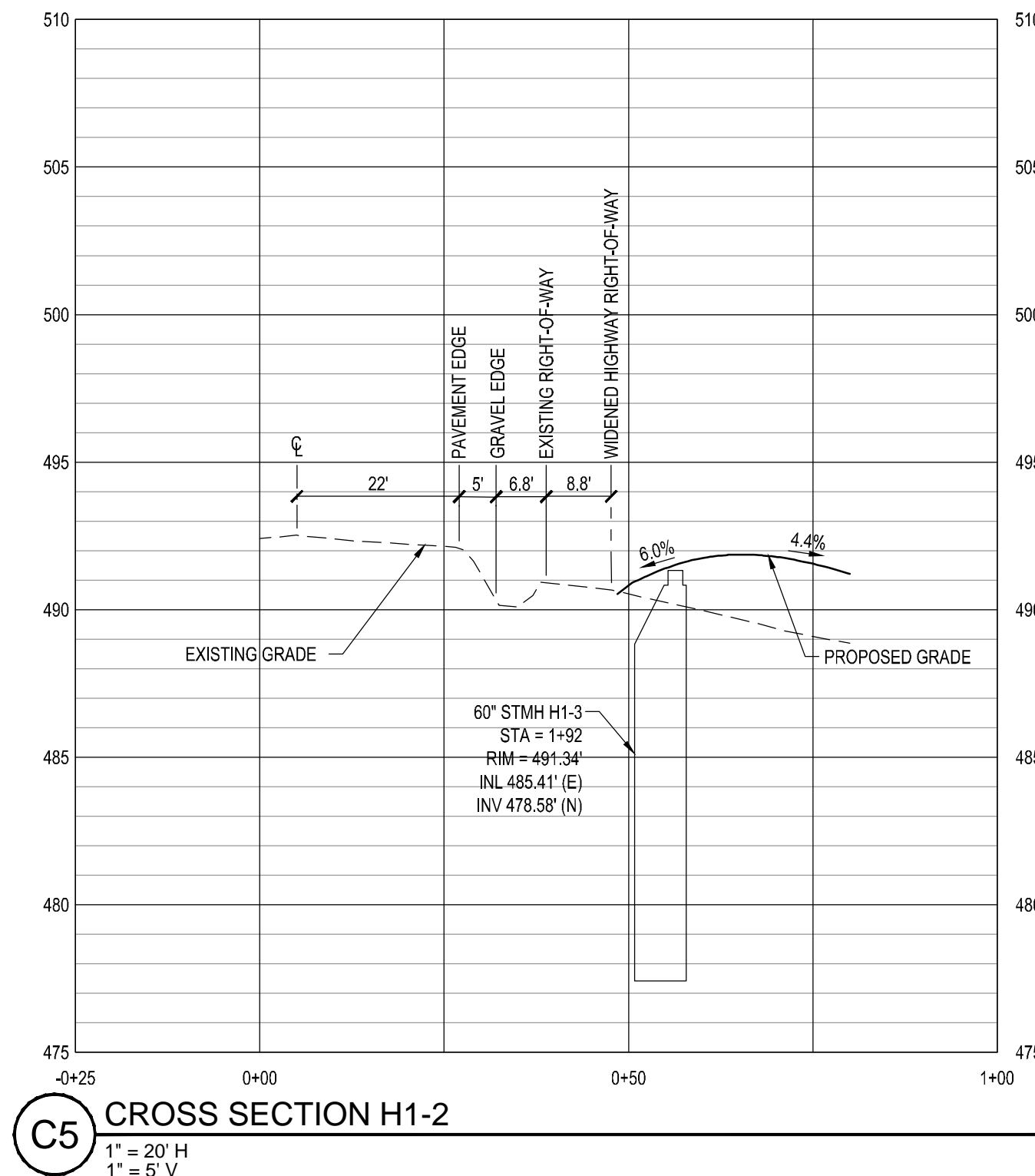
	STORM SEWER
	EXISTING RIGHT-OF-WAY
	WIDENED HIGHWAY RIGHT-OF-WAY
	CATCH BASIN MANHOLE (CBMH)
	STORM MANHOLE (STMH)
	FLARED END SECTION (FES)
	SANITARY MANHOLE (SSMH)
	FIRE HYDRANT
	GAS OR WATER VALVE
	FIRE DEPARTMENT CONNECTION
	SANITARY SEWER
	DOMESTIC WATERMAIN
	NATURAL GAS
	TELECOM DATA
	UNDERGROUND ELECTRIC

#### UTILITY NOTES

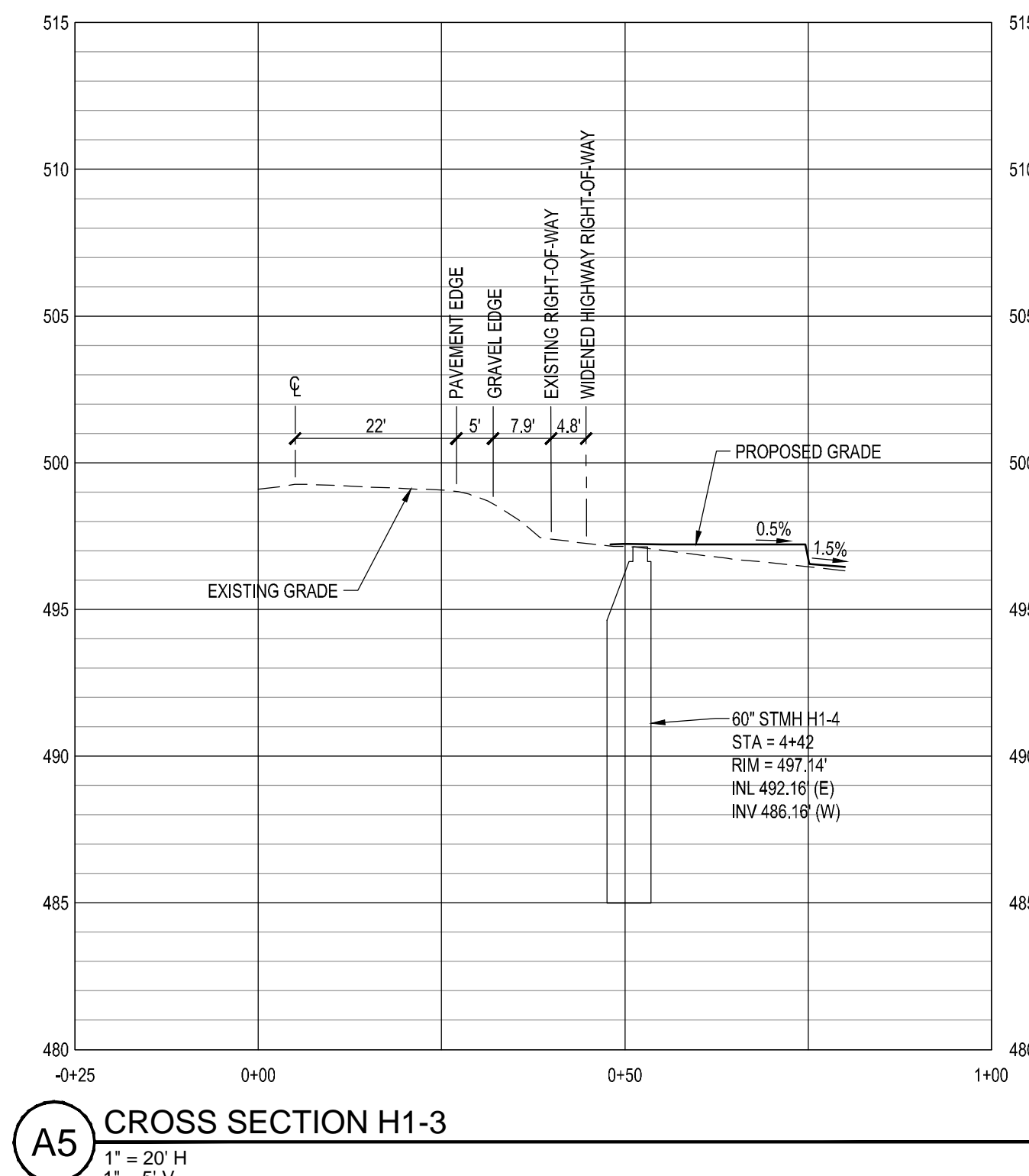
- VERIFY ALL CONNECTIONS TO EXISTING UTILITY SERVICES PRIOR TO CONSTRUCTION. ANY DISCREPANCIES BETWEEN LOCATED UTILITIES AND THE EXISTING CONDITIONS PLAN SHOULD BE NOTED AND FORWARDED TO THE ENGINEER.
- ALL CONNECTIONS TO PUBLIC UTILITIES TO BE IN ACCORDANCE WITH THE TOWN OF FLORIDA DESIGN STANDARDS.
- CONTRACTOR TO PROVIDE ADEQUATE MEANS AND METHODS TO ASSURE ADJACENT PROPERTY IS NOT DAMAGED DURING UTILITY INSTALLATION.
- PIPE LENGTHS SHOWN ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- VERIFY BUILDING SERVICE LOCATIONS AND INVERTS WITH THE MECHANICAL AND PLUMBING PLANS PRIOR TO COMMENCING UTILITY CONSTRUCTION.
- PIPE MATERIALS:  
STORM SEWER CLASS III RCP
- ALL UTILITY CONSTRUCTION TO CONFORM WITH STATE OF NEW YORK AND TOWN OF FLORIDA STANDARD SPECIFICATIONS.
- ADJUST ALL STRUCTURES, PUBLIC AND PRIVATE, TO PROPOSED GRADES WHERE DISTURBED. COMPLY WITH ALL REQUIREMENTS OF UTILITY OWNERS. STRUCTURES BEING RESET TO PAVED AREAS TO MEET OWNERS REQUIREMENTS FOR TRAFFIC LOADING.
- COORDINATE INSPECTION AND TESTING FOR ALL UNDERGROUND UTILITIES WITH THE APPROPRIATE AUTHORITIES PRIOR TO COVERING TRENCHES.
- CONTRACTOR SHALL PROVIDE SURVEYED AS-BUILTS FOR STORM SEWER INCLUDING ALL STRUCTURES, APPURTENANCES, RIM ELEVATIONS, INVERTS, PIPE SIZE, SLOPE, AND MATERIAL TYPE.

#### WORK WITHIN NYSOT RIGHT-OF-WAY

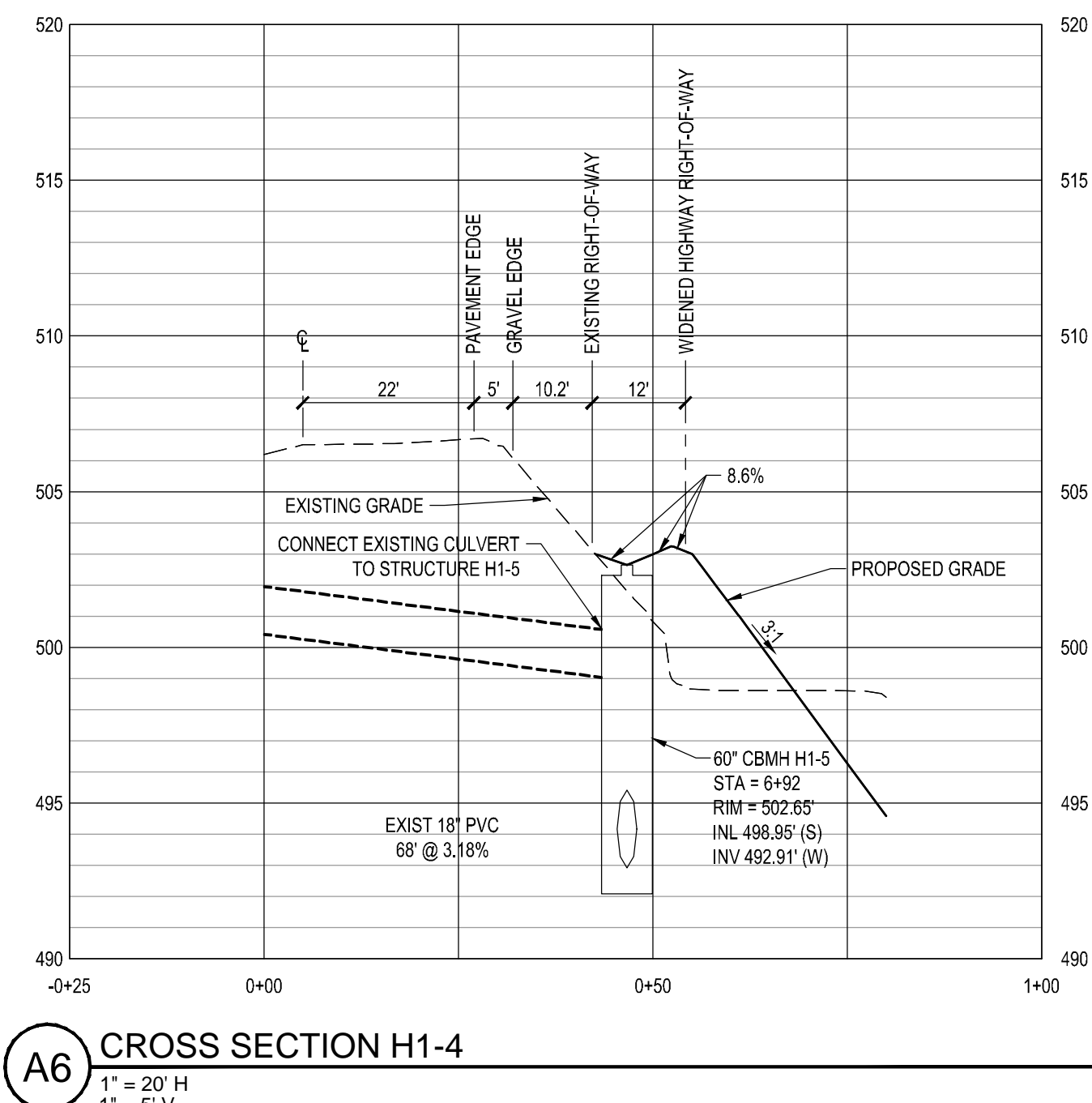
- ROAD TO BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.
- ROADSIDE DRAINAGE TO BE MAINTAINED AT ALL TIMES.
- MATERIALS, EQUIPMENT AND VEHICLES ARE NOT TO BE STORED OR PARKED WITHIN NEW YORK STATE RIGHT-OF-WAY.
- WORK ZONE TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE MOST RECENT NYSOT STANDARD SPECIFICATIONS - SECTION 619 WORK ZONE TRAFFIC CONTROL. THE NYSOT FOR STREETS AND HIGHWAYS 2009 EDITION AND THE NEW YORK STATE SUPPLEMENT.
- NOTIFY DIG SAFELY NEW YORK TWO (2) WORKING DAYS PRIOR TO DIGGING, DRILLING, OR BLASTING AT 1-800-962-7962 OR 811 FOR UTILITY STAKE-OUT.
- ALL MATERIALS USED WITHIN THE STATE RIGHT-OF-WAY MUST COMPLY WITH THE LATEST NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND THE CURRENT ADDENDA, ALONG WITH ANY APPROPRIATE CURRENT NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SHEETS.



C5 CROSS SECTION H1-2  
1" = 20' H  
1" = 5' V



A5 CROSS SECTION H1-3  
1" = 20' H  
1" = 5' V



A6 CROSS SECTION H1-4  
1" = 20' H  
1" = 5' V

DOLLAR GENERAL

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#### PROJECT

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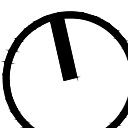
#### SHEET

PUBLIC STORM SEWER  
PLAN, PROFILE, & CROSS  
SECTIONS

1C3.10

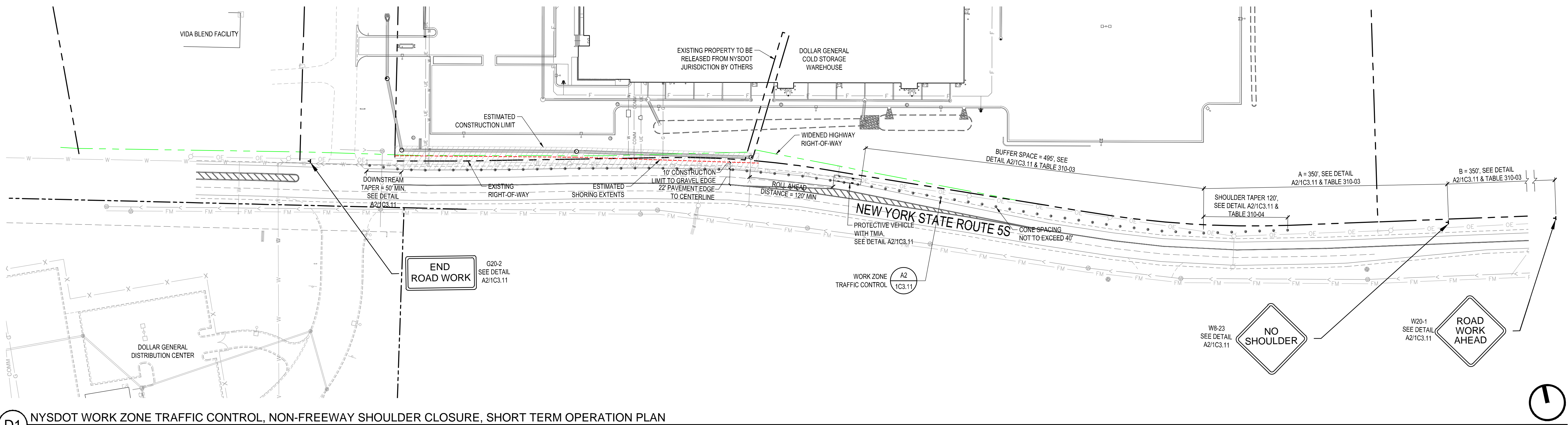
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E  
D  
C  
B  
A



D1 NYSDOT WORK ZONE TRAFFIC CONTROL, NON-FREEWAY SHOULDER CLOSURE, SHORT TERM OPERATION PLAN  
1" = 75'

TRAFFIC CONTROL PLAN LEGEND

- STORM SEWER
- EXISTING RIGHT-OF-WAY
- WIDENED HIGHWAY RIGHT-OF-WAY
- ESTIMATED SHORING EXTENTS FOR INSTALLATION
- ESTIMATED CONSTRUCTION LIMIT FOR INSTALLATION
- CATCH BASIN MANHOLE (CBMH)
- STORM MANHOLE (STMH)
- FLARED END SECTION (FES)
- CONE

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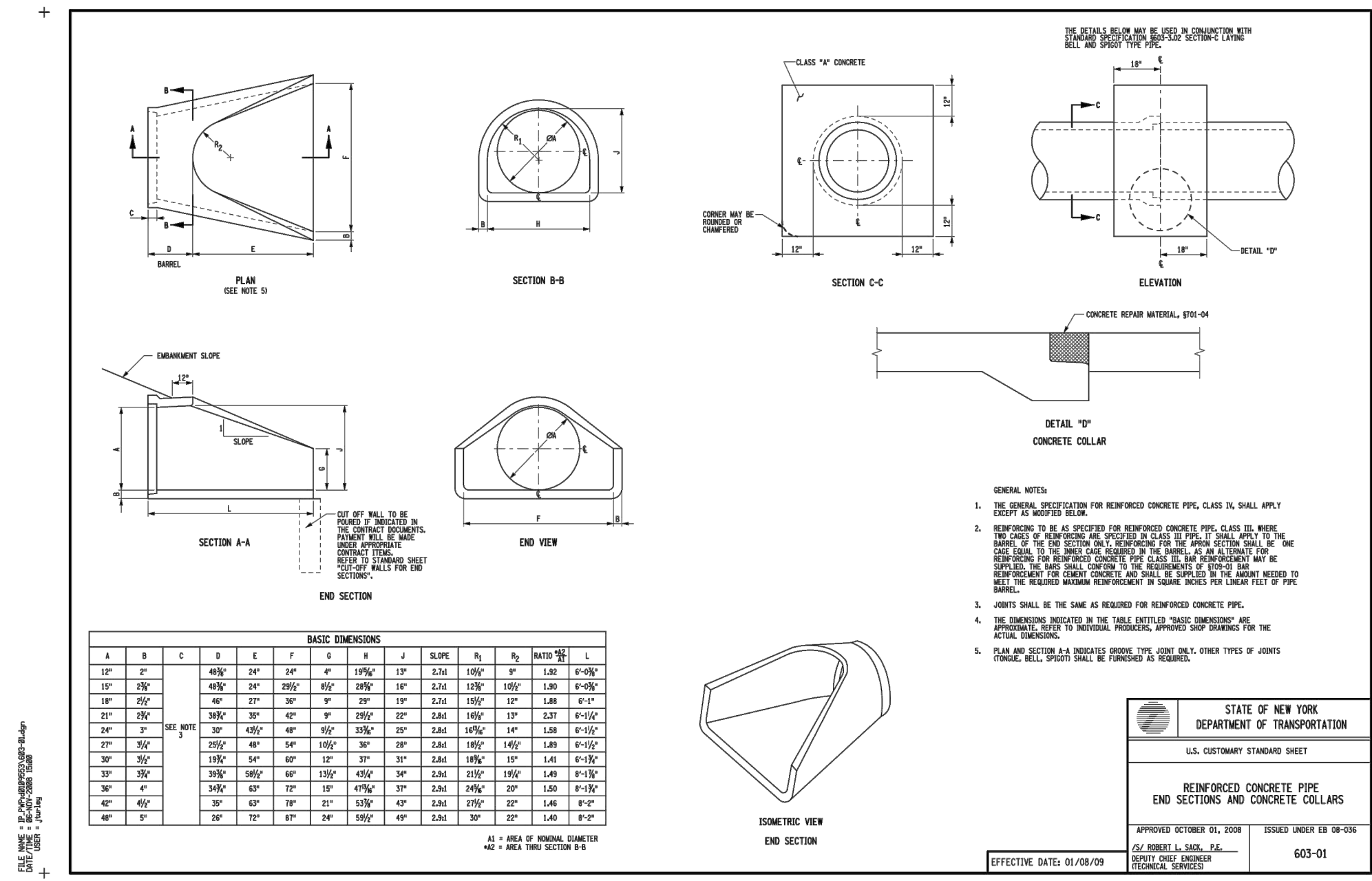
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FRESH  
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AMSTERDAM, NEW YORK

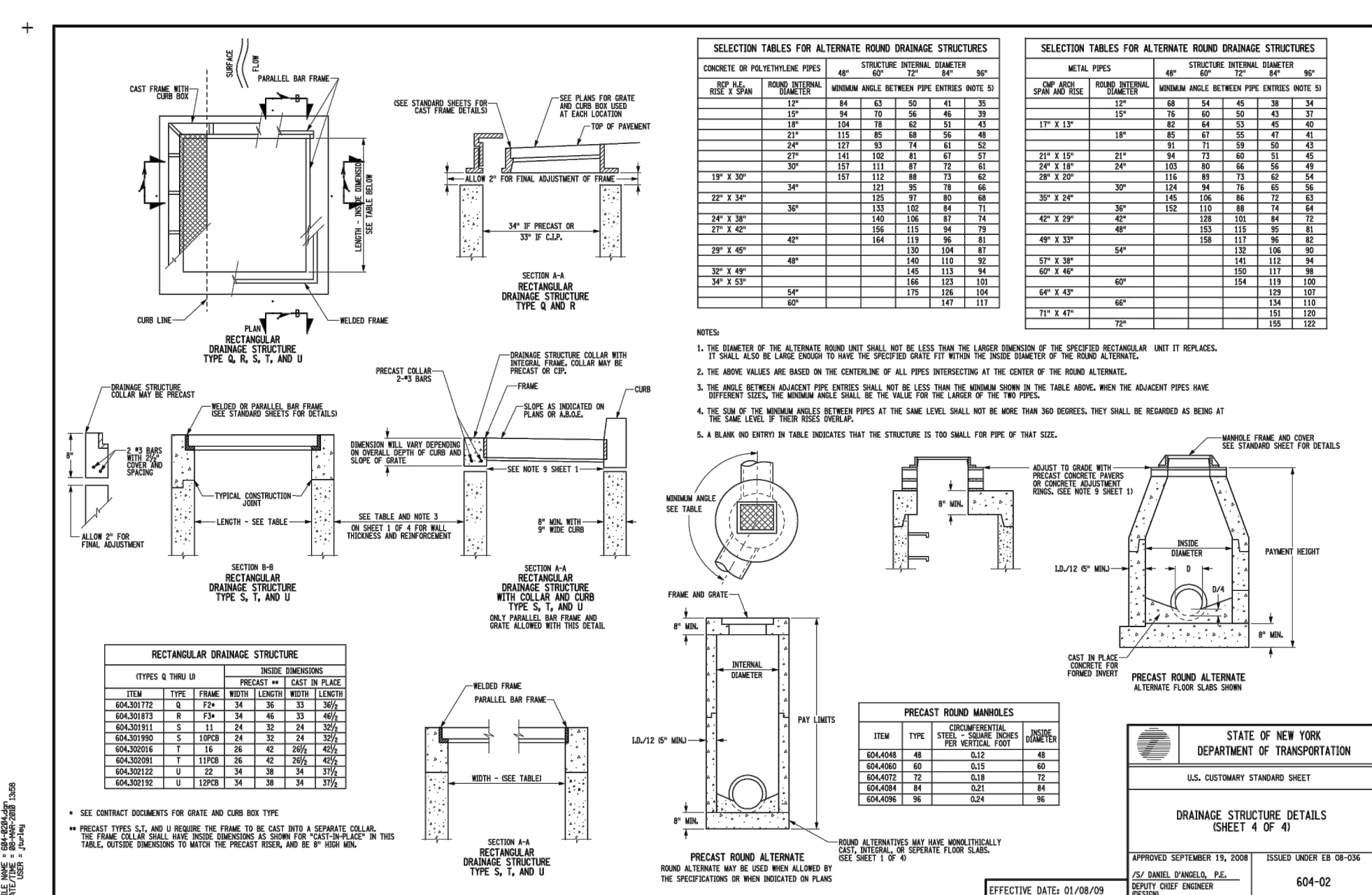
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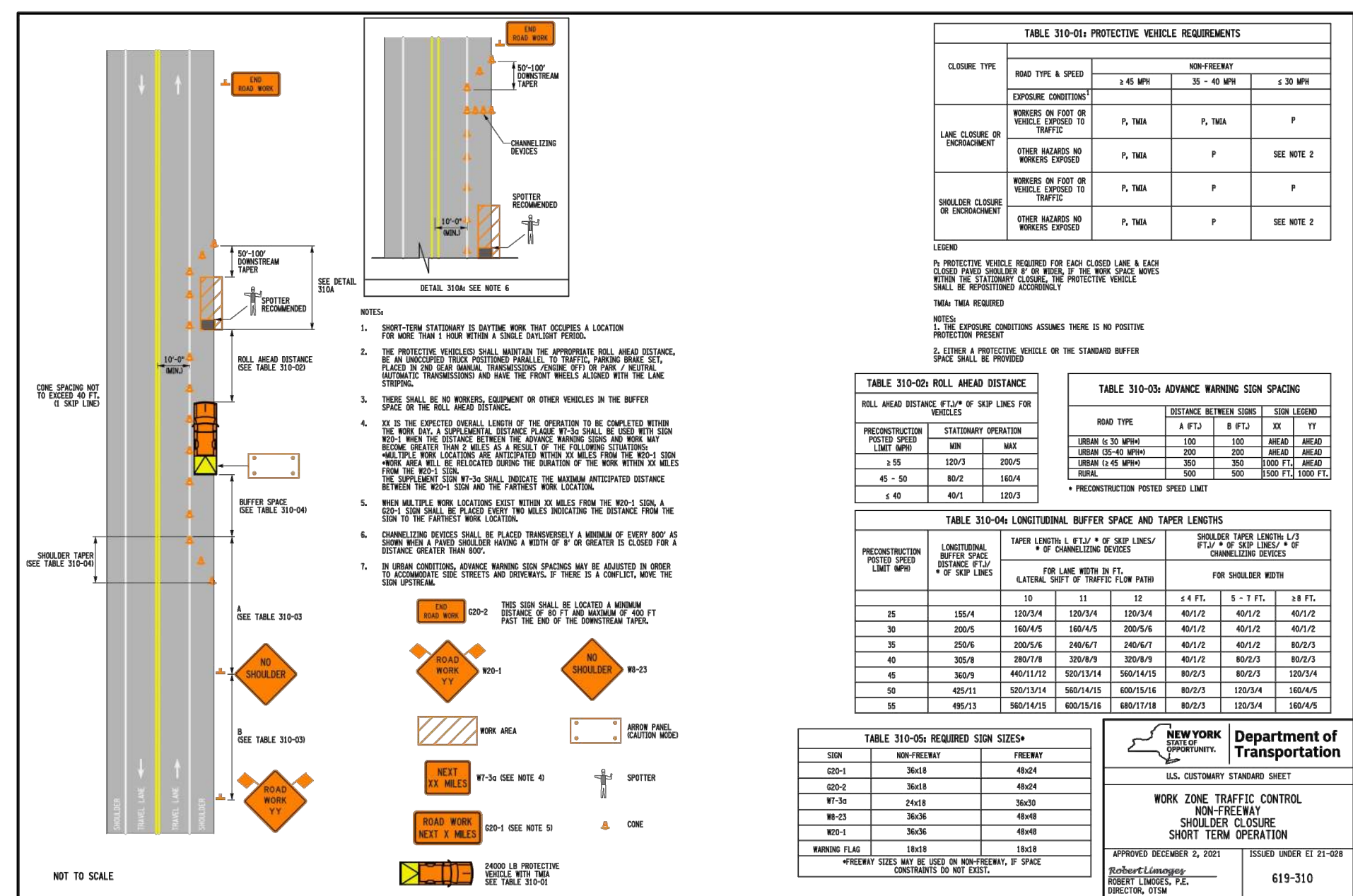
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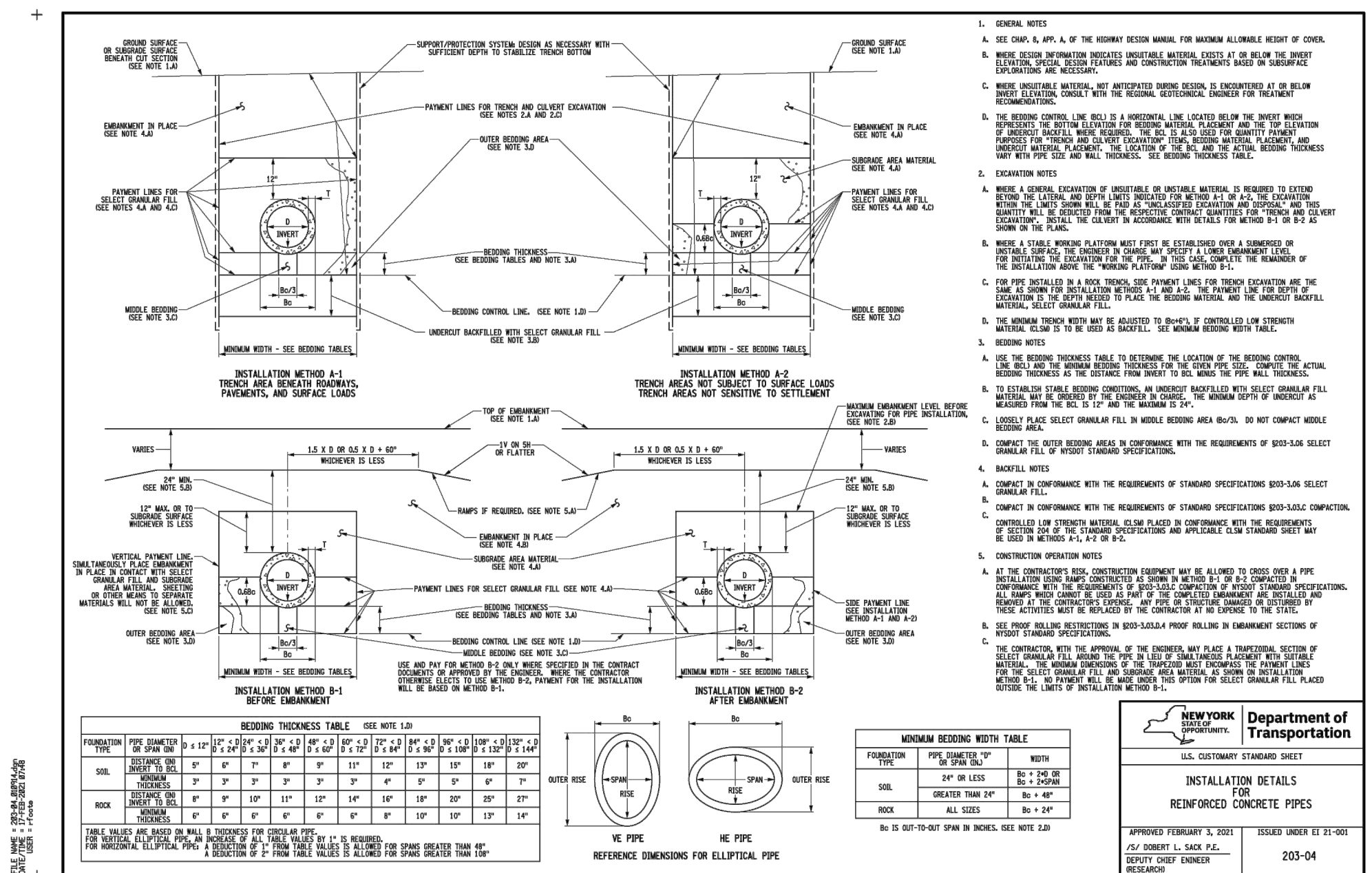
C4 NYSDOT FLARED END SECTION (FES)



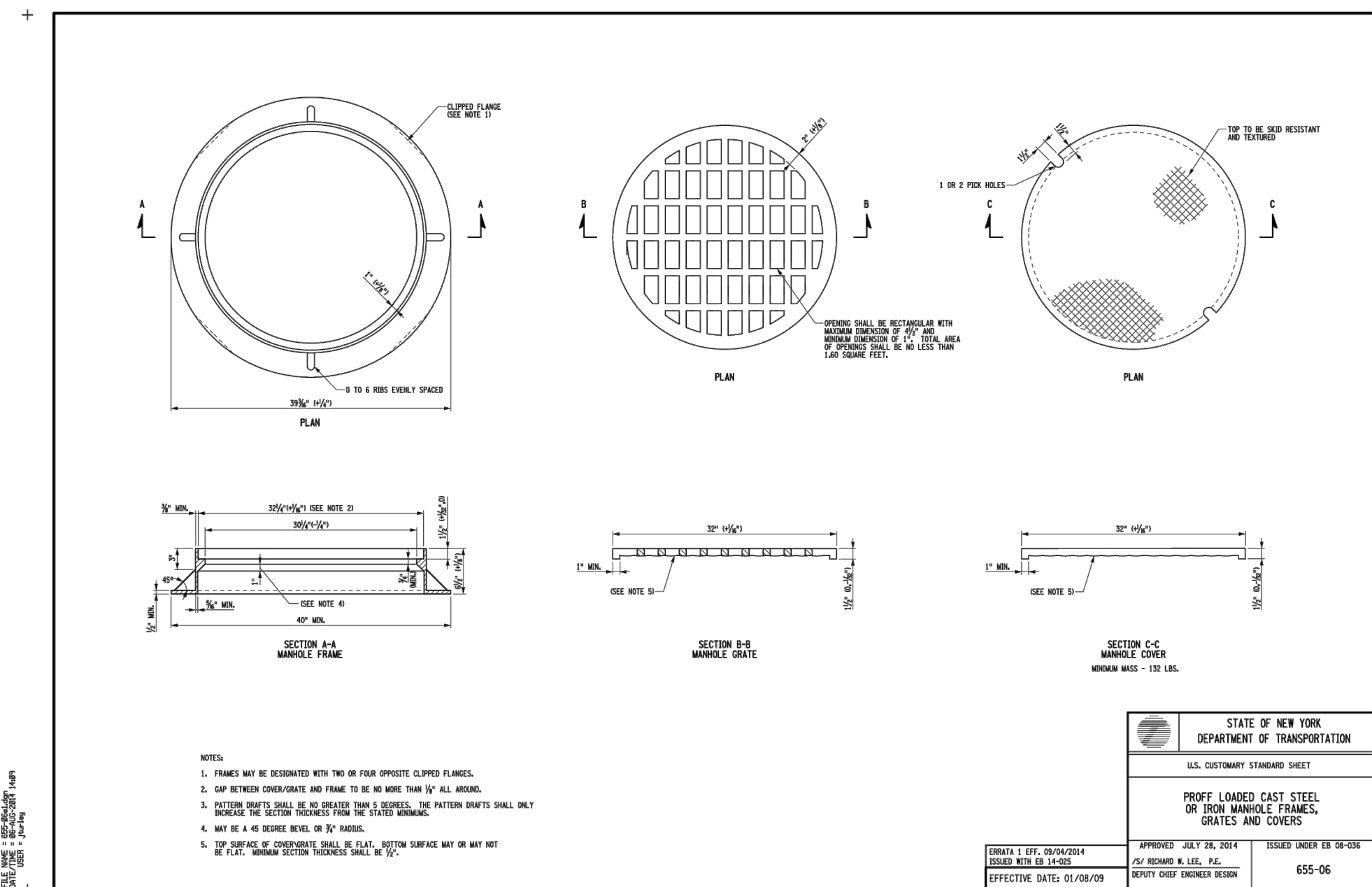
C5 NYSDOT PRECAST ROUND STORM MANHOLE (STMH)



A2 NYSDOT WORK ZONE TRAFFIC CONTROL, NON-FREEWAY SHOULDER CLOSURE, SHORT TERM OPERATION



A4 NYSDOT REINFORCED CONCRETE PIPE INSTALLATION



A5 NYSDOT PRECAST ROUND MANHOLE FRAME, GRATE & COVER

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PUBLIC STORM SEWER  
TRAFFIC CONTROL &  
DETAILS

1C3.11

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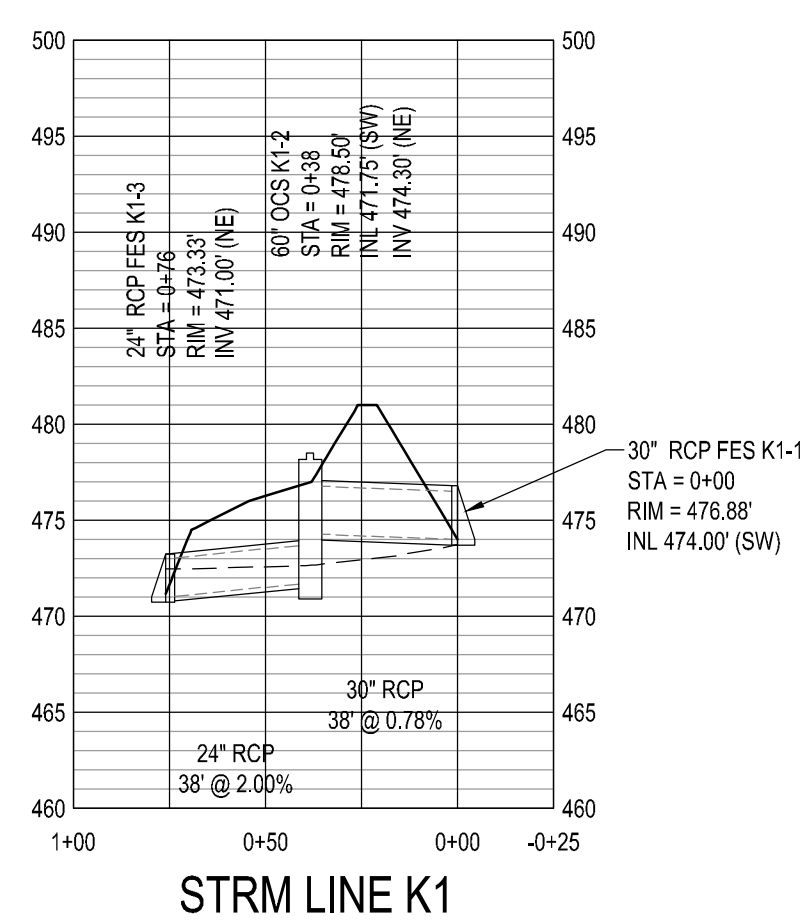
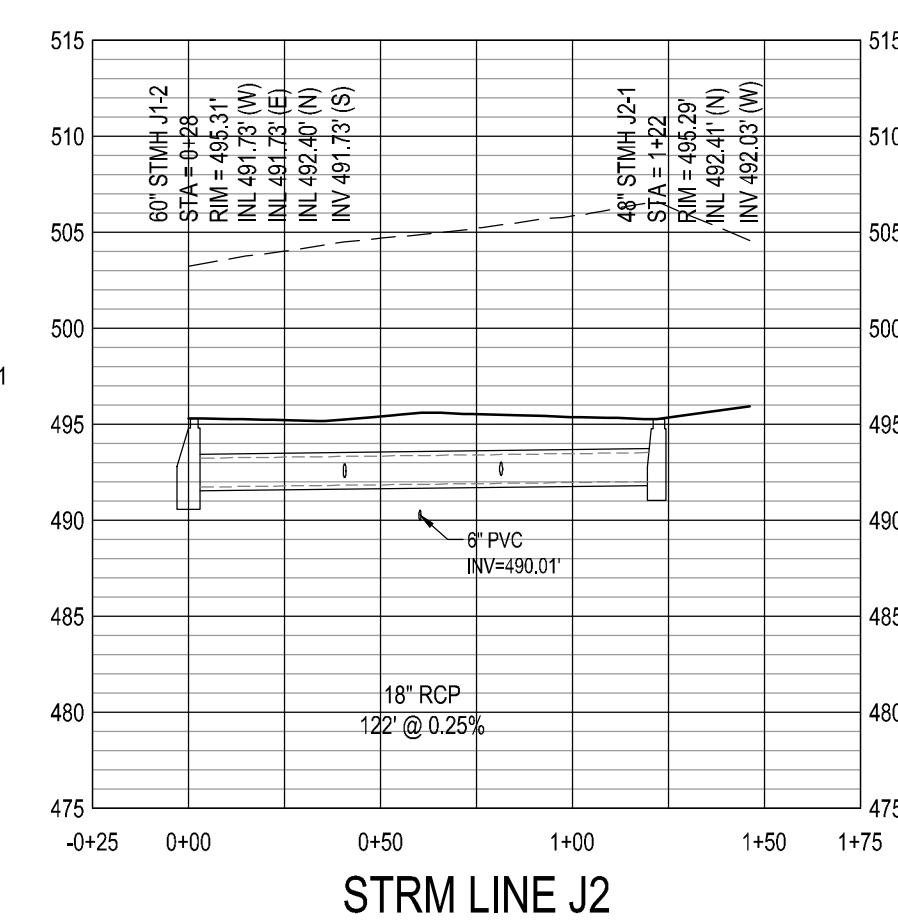
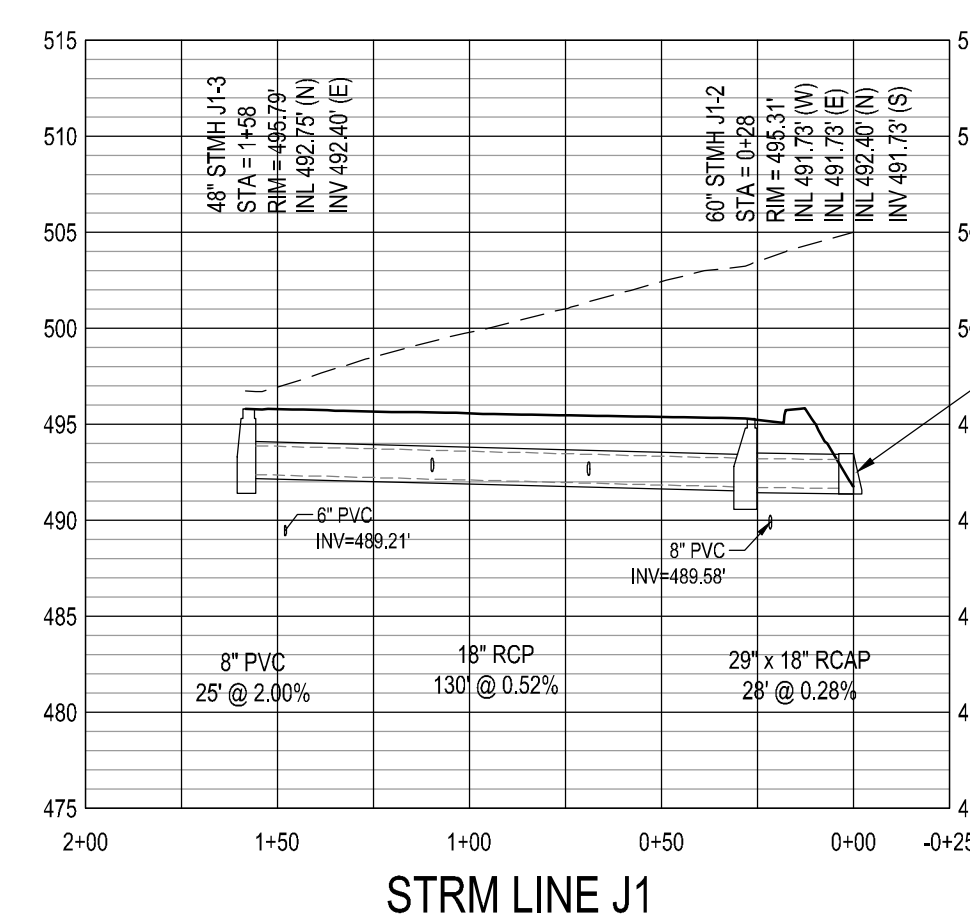
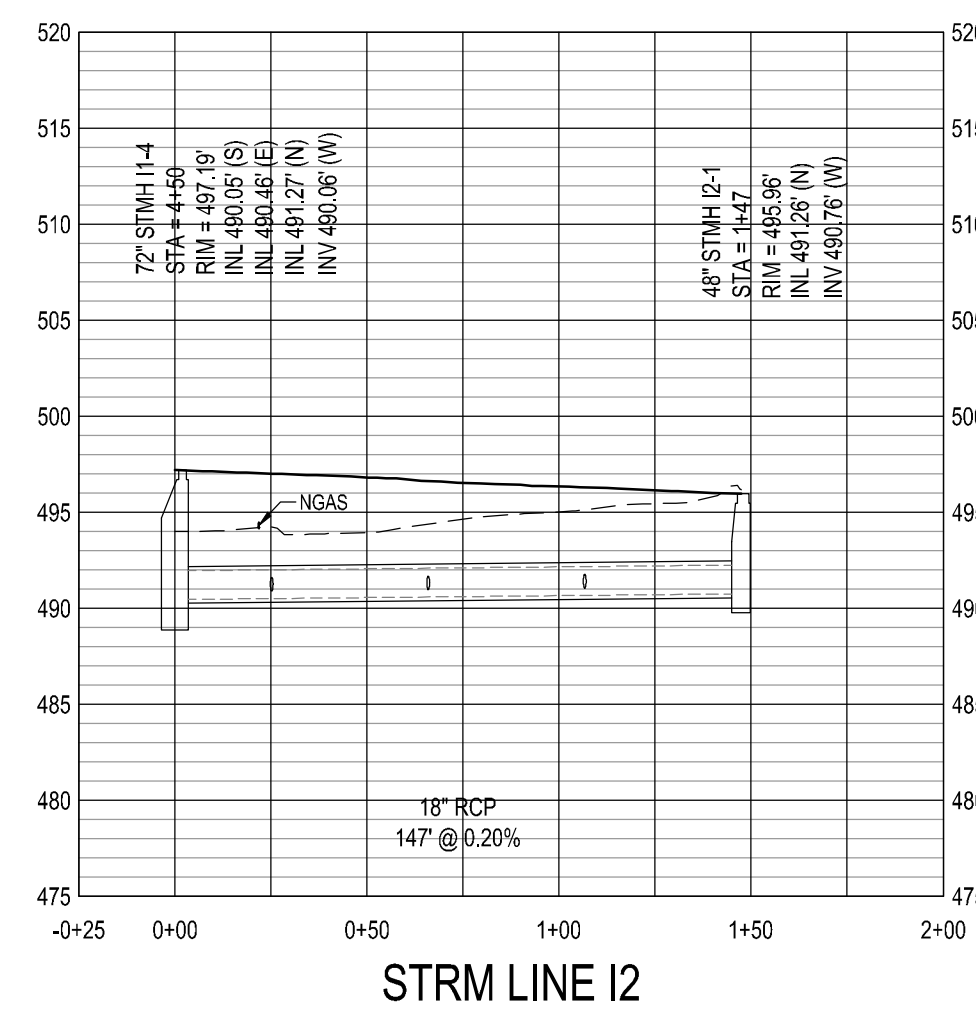
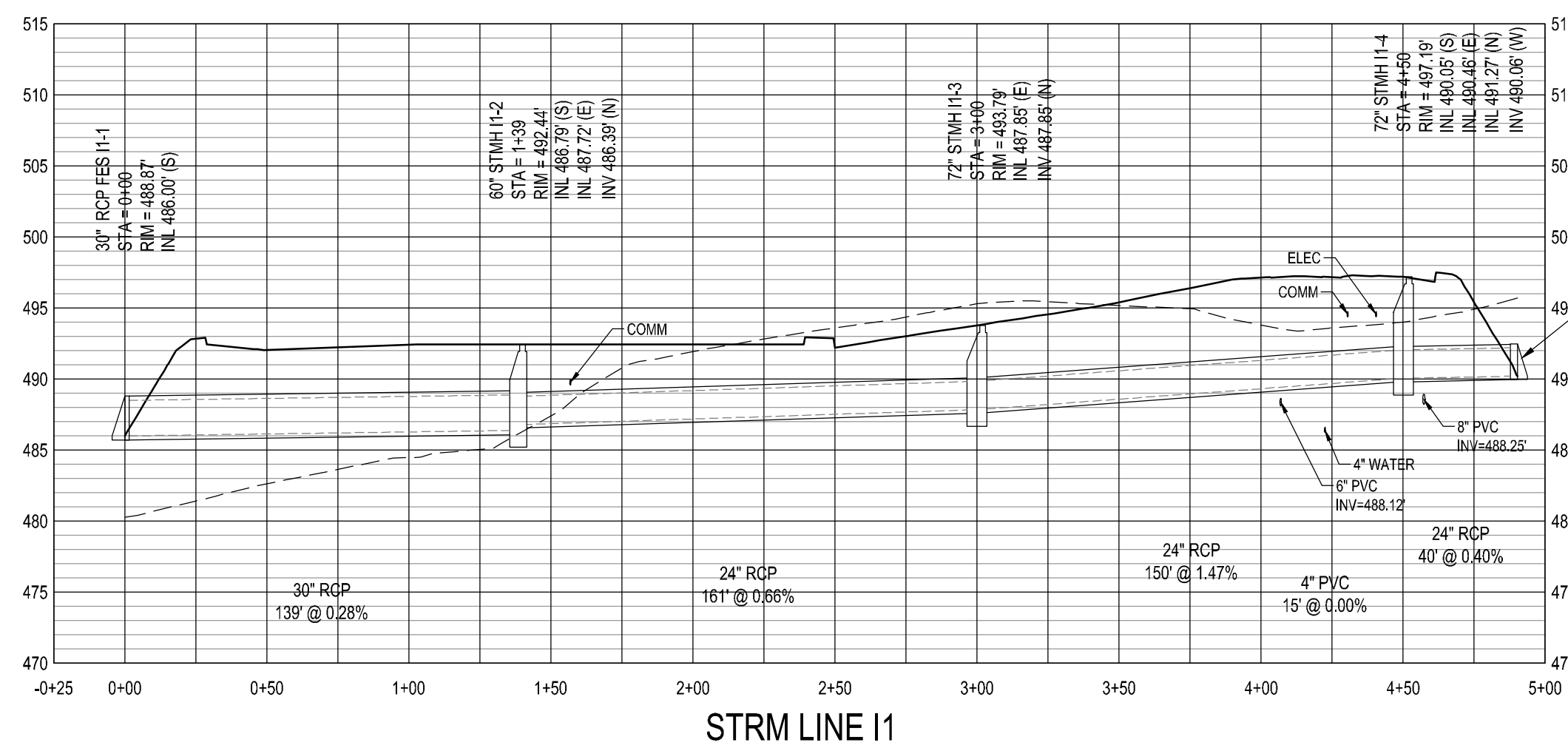
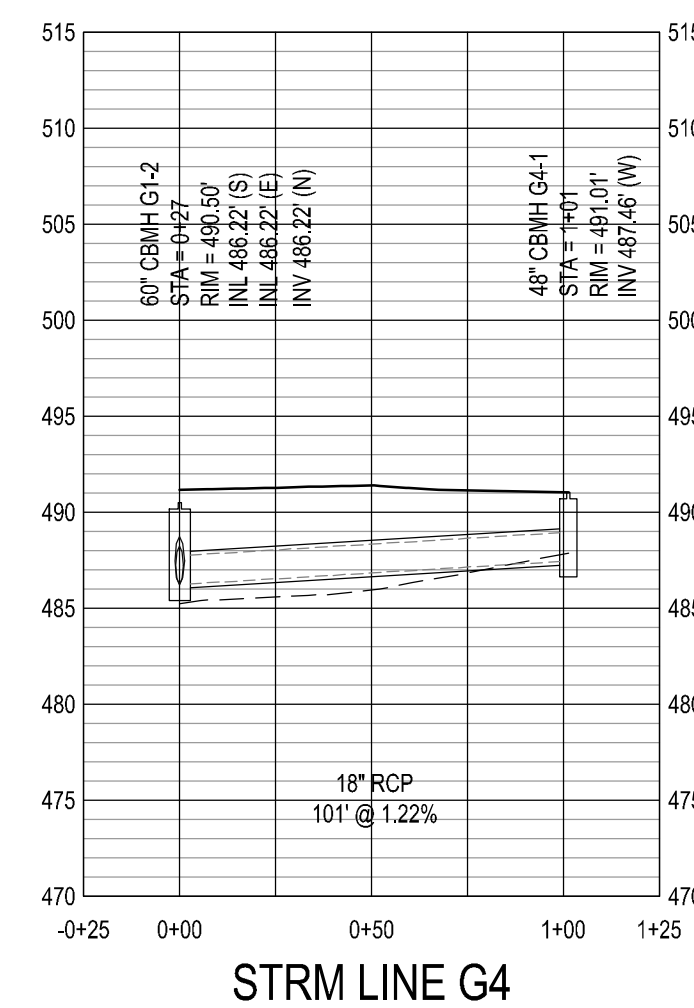
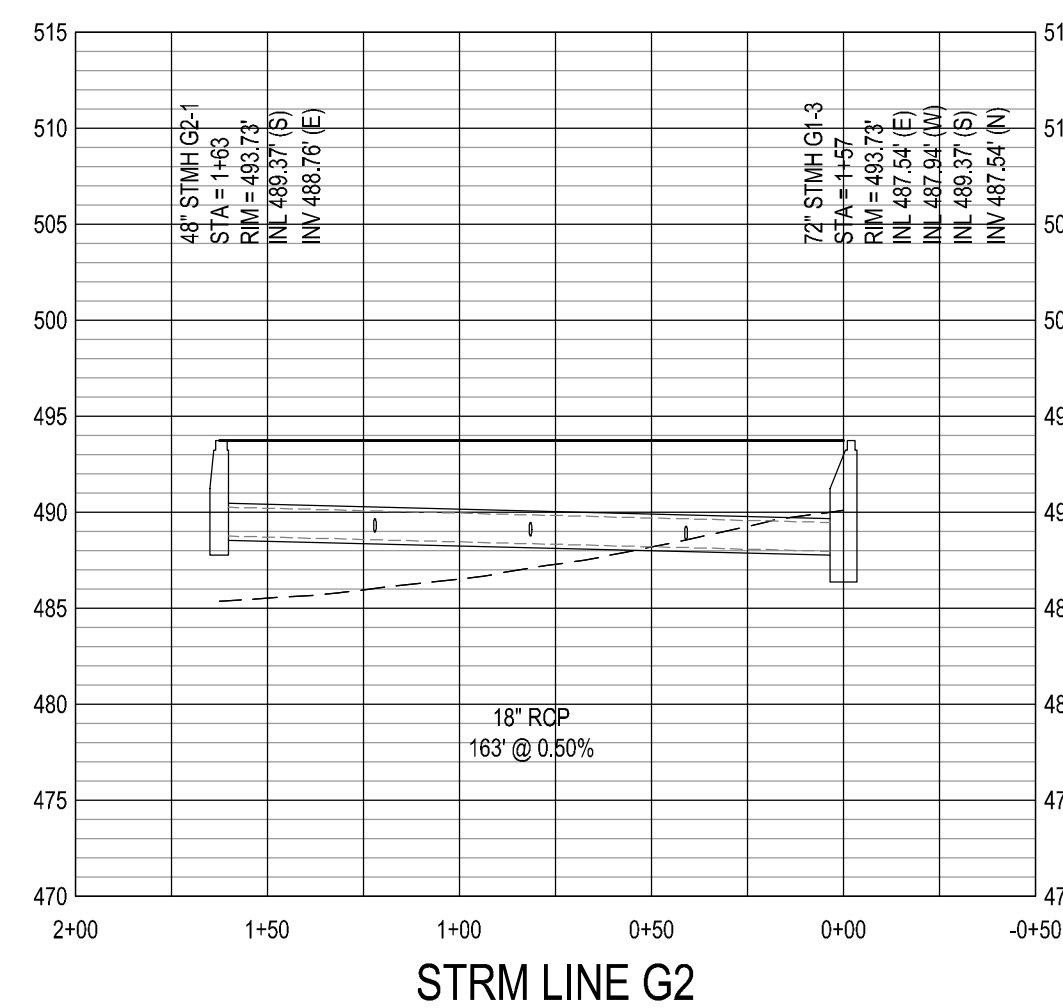
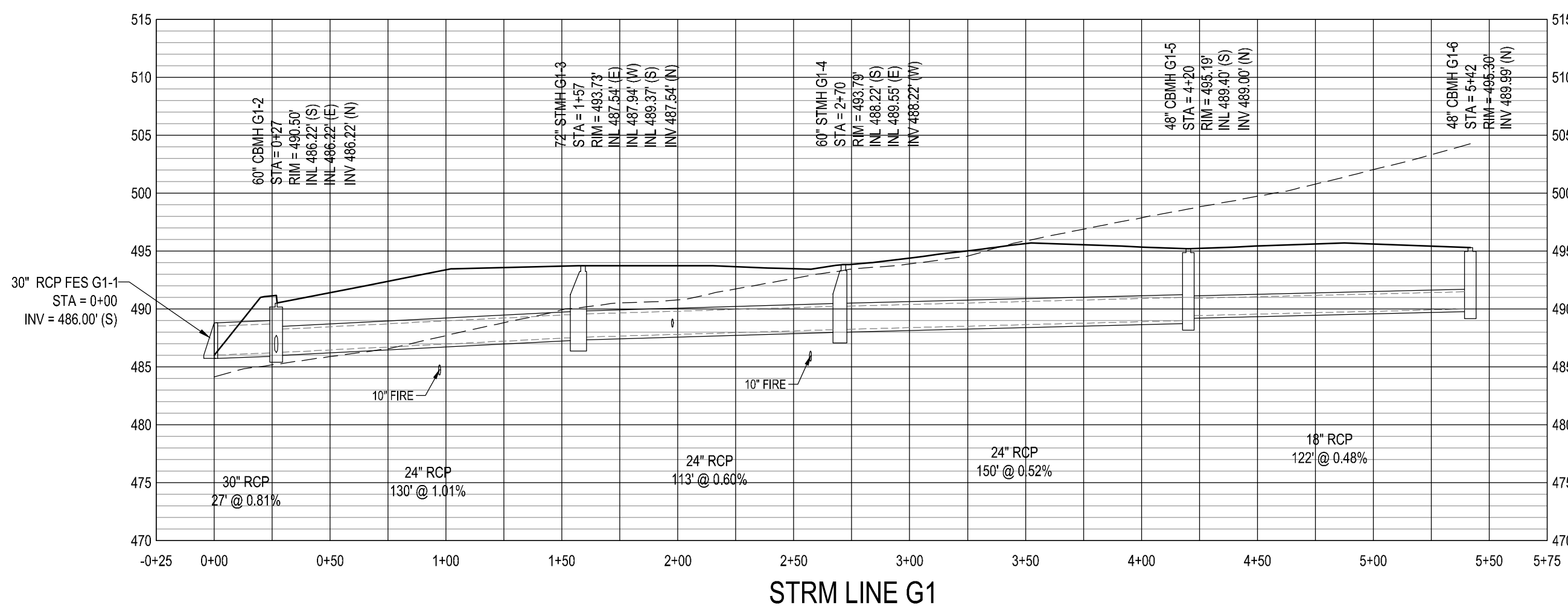
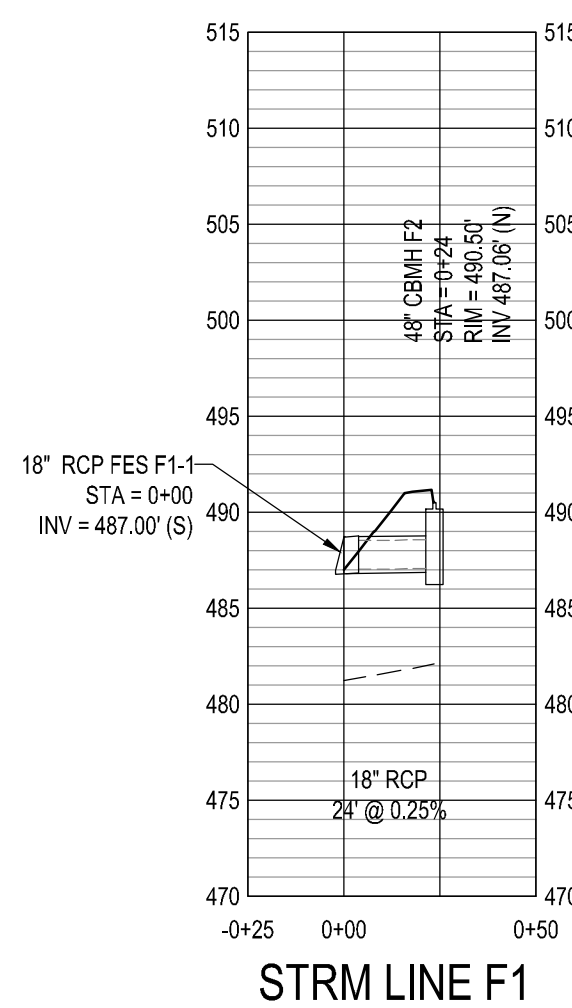
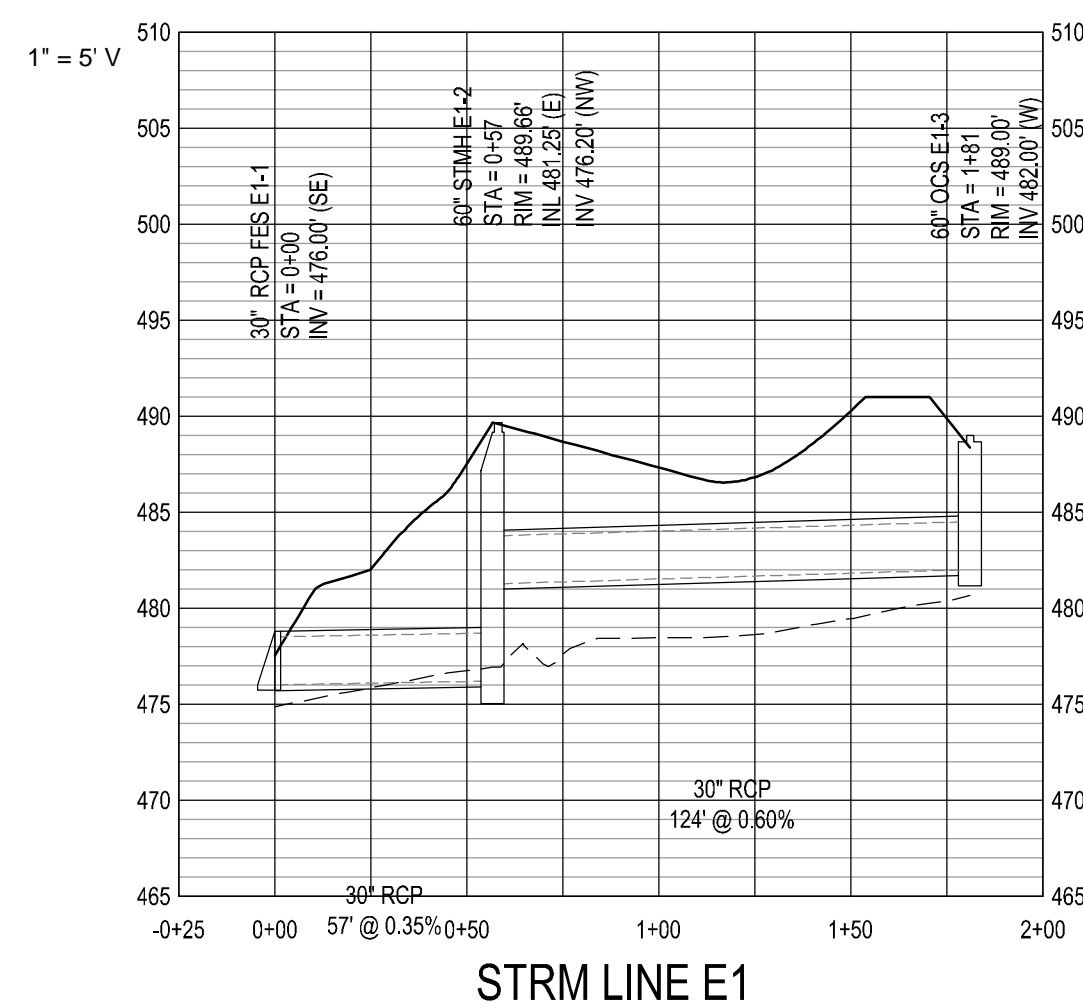
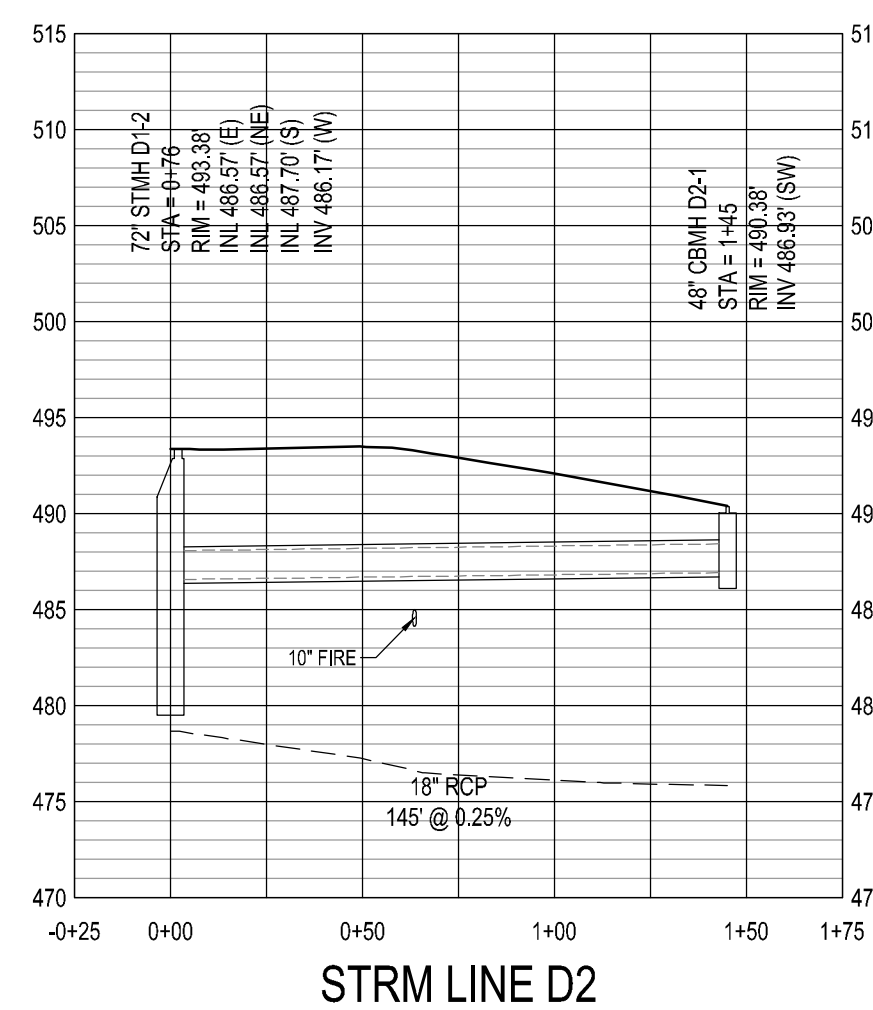
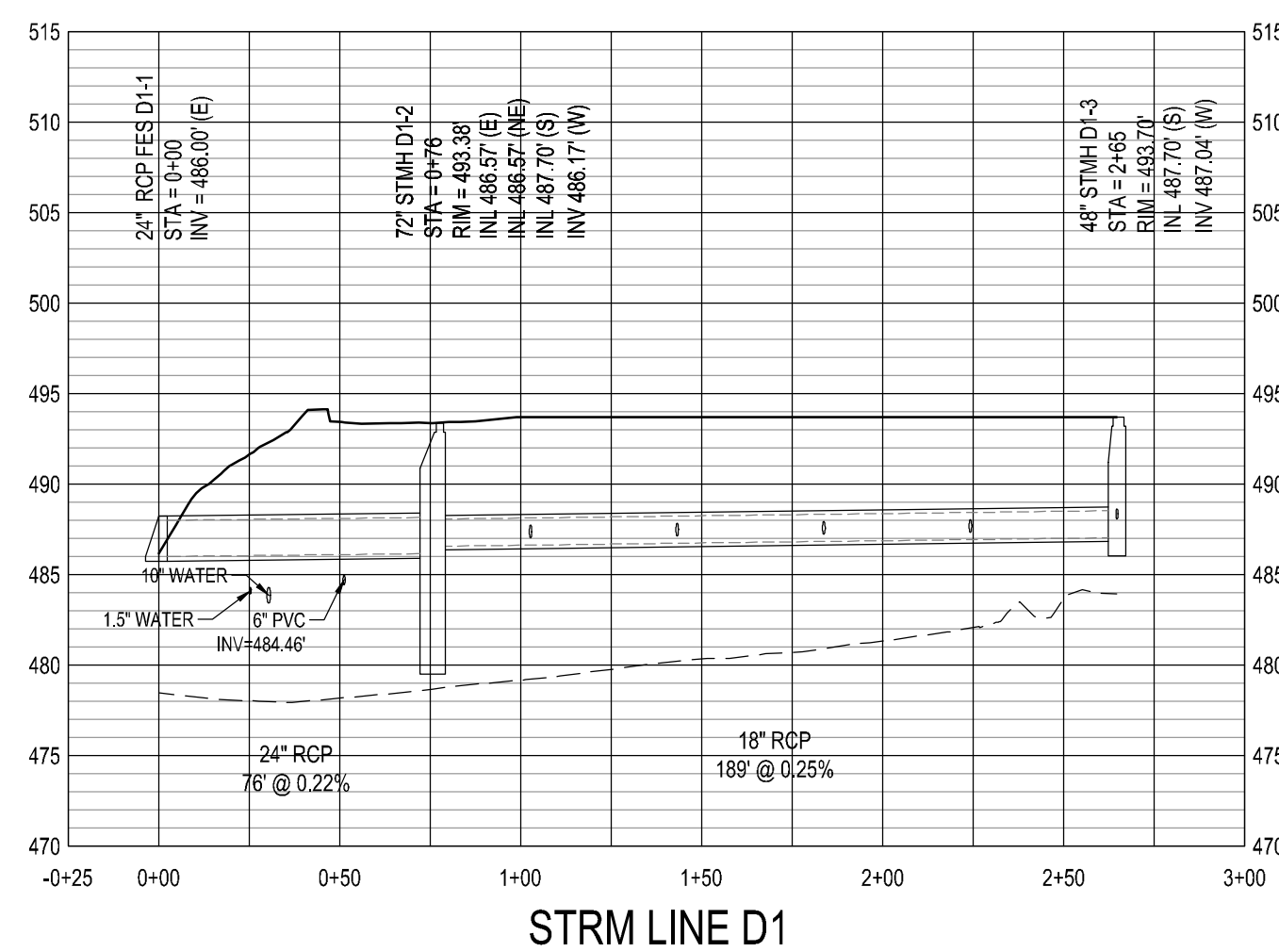
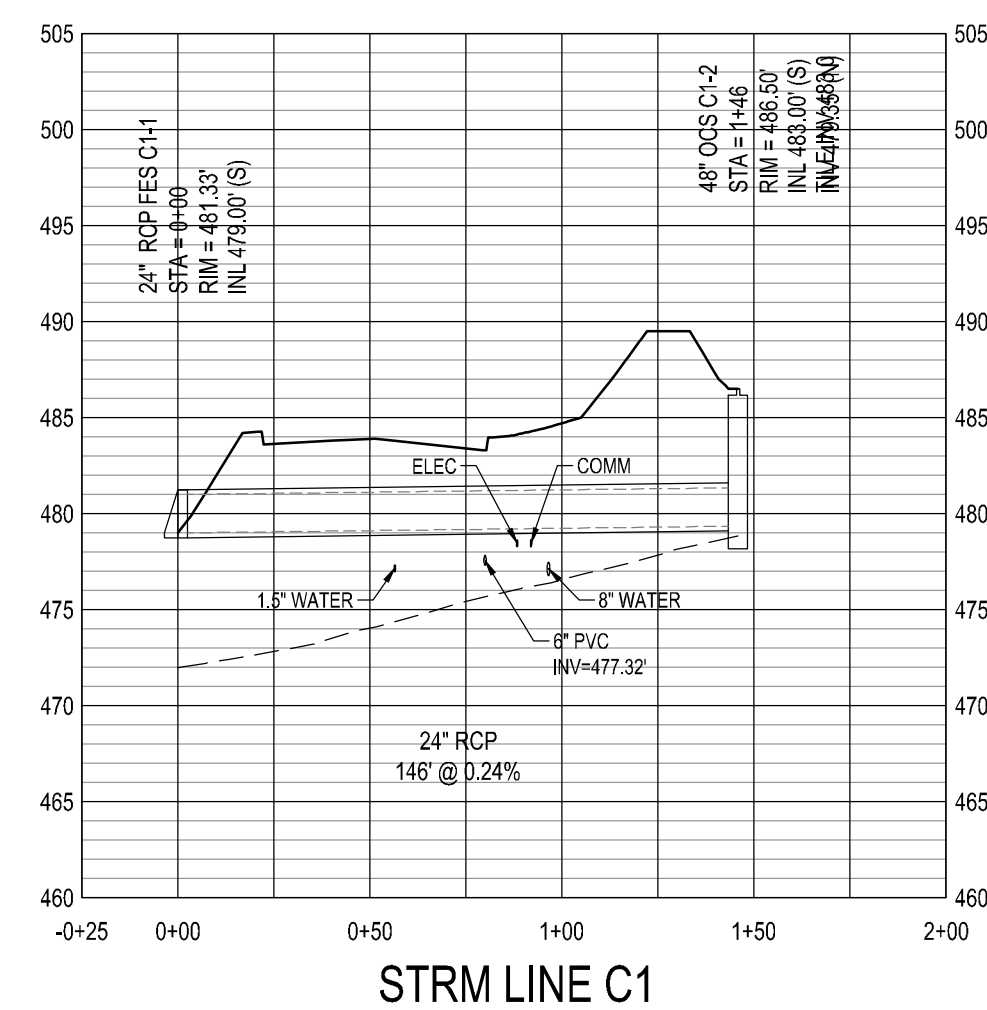
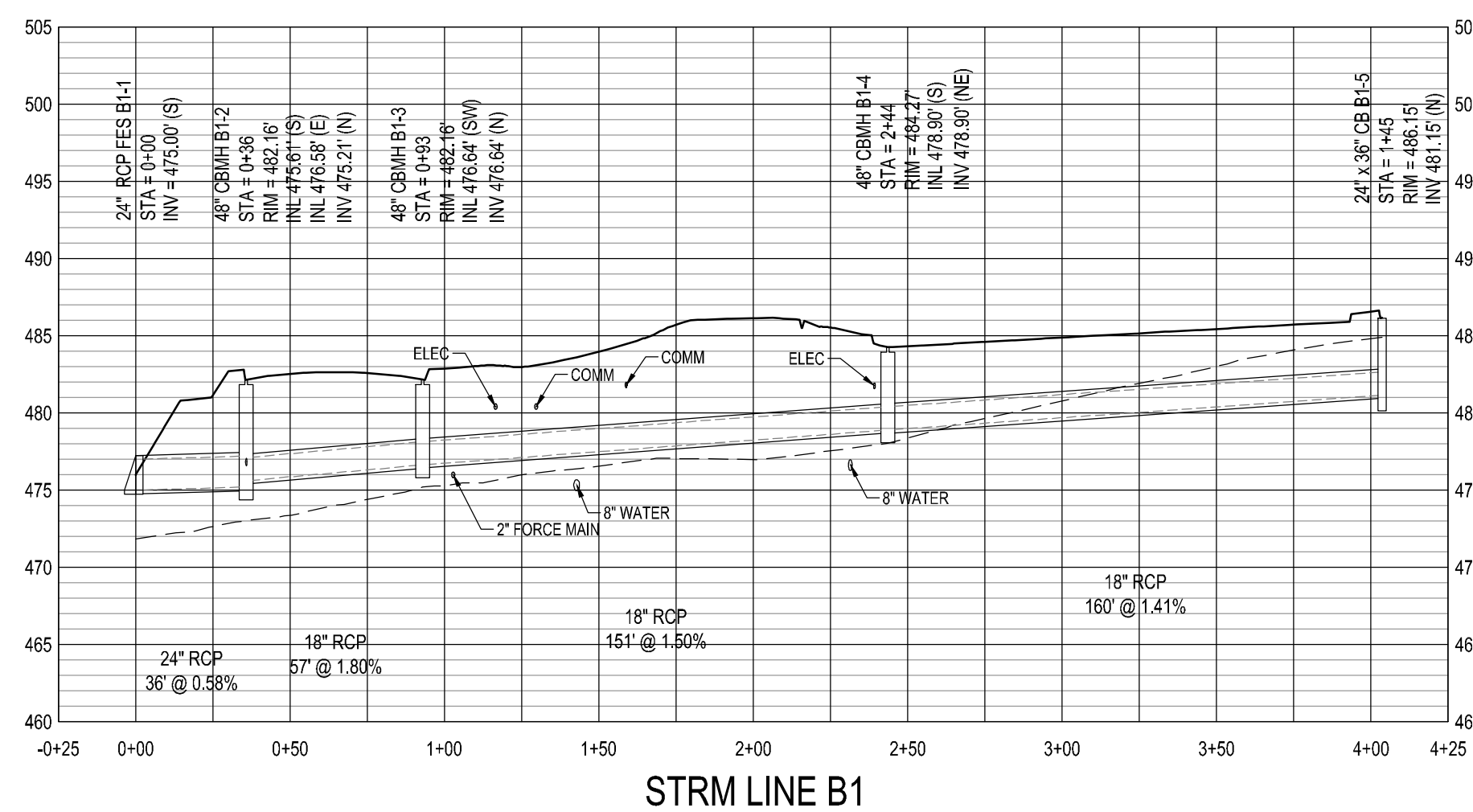


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## STORM SEWER PROFILES

1C3.12

DGC20025



## B1 STORM SEWER PROFILES

1" = 50' H  
1" = 10' V

1" = 50' H  
1" = 10' V



PROJECT

DOLLAR GENERAL  
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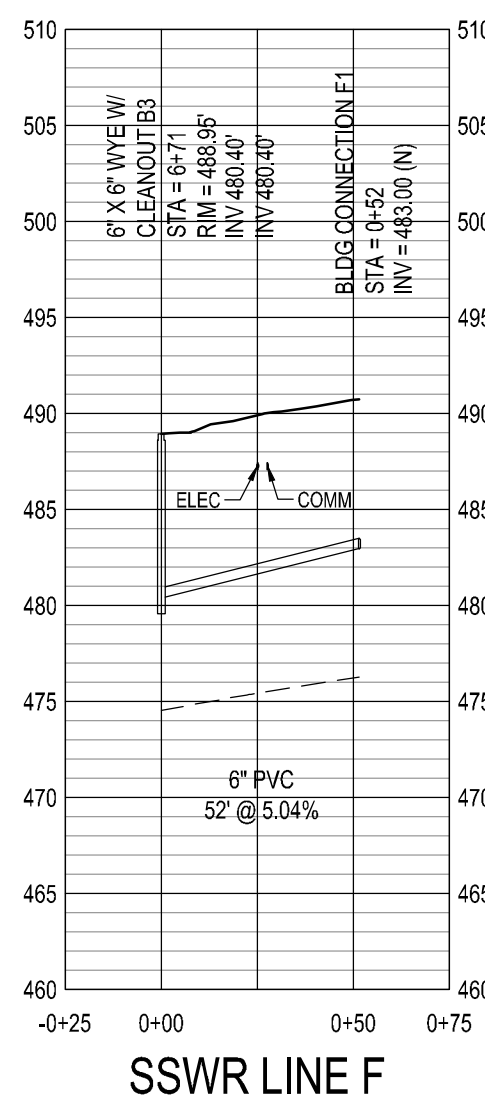
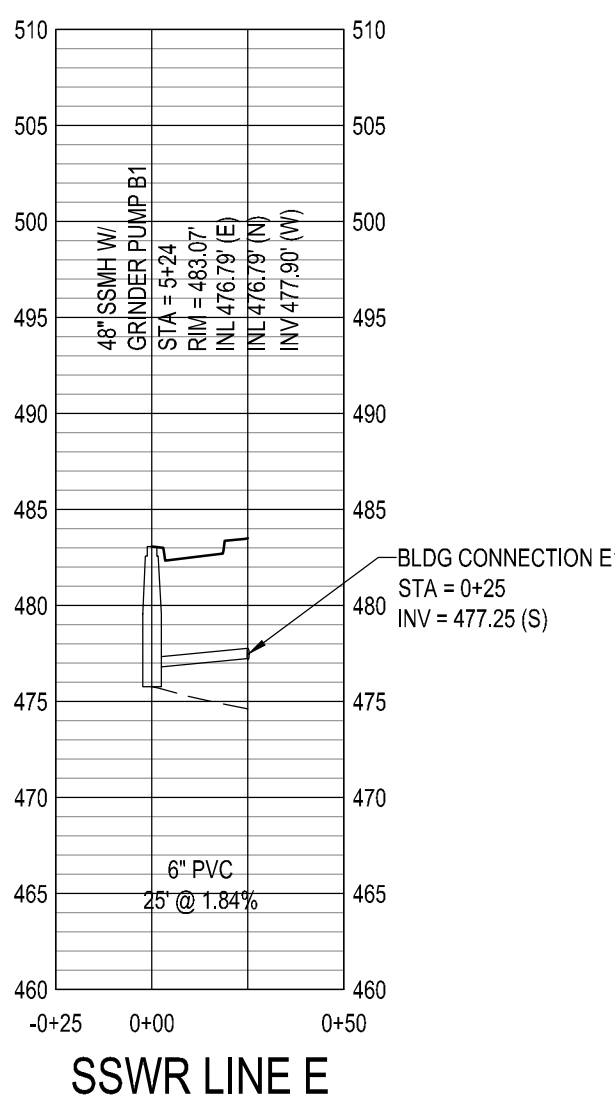
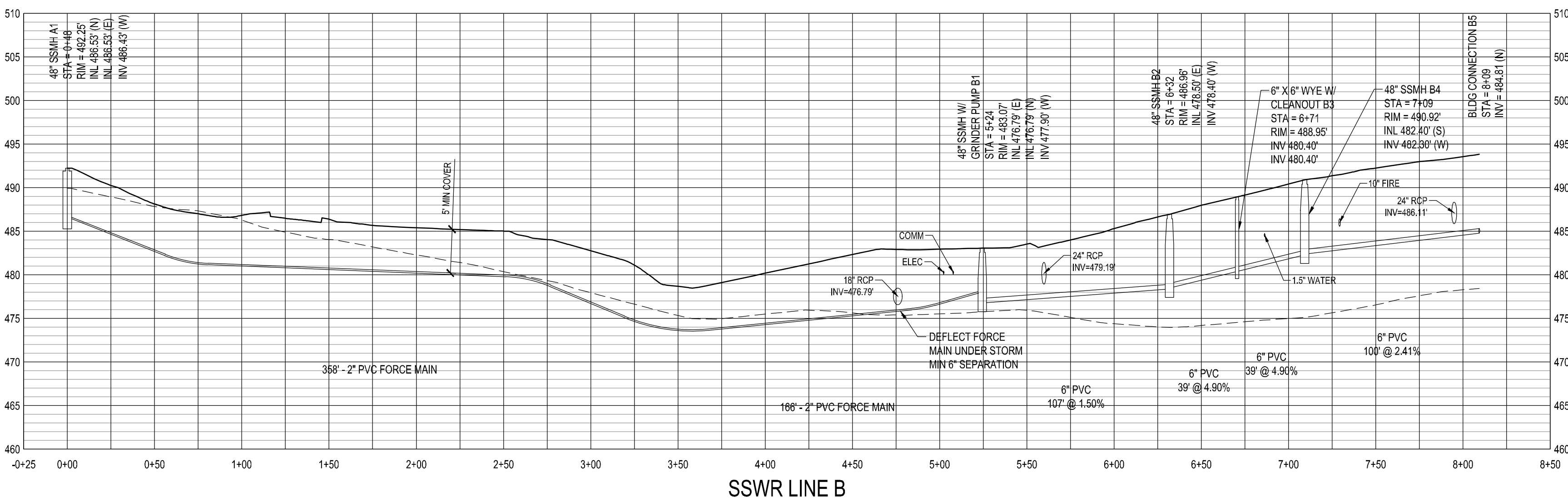
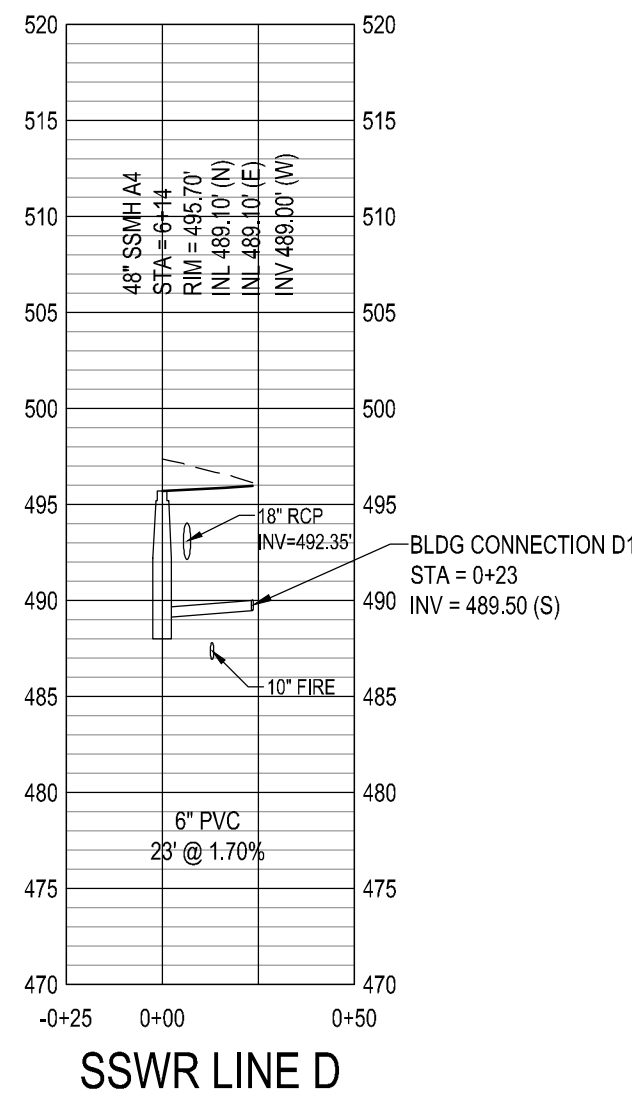
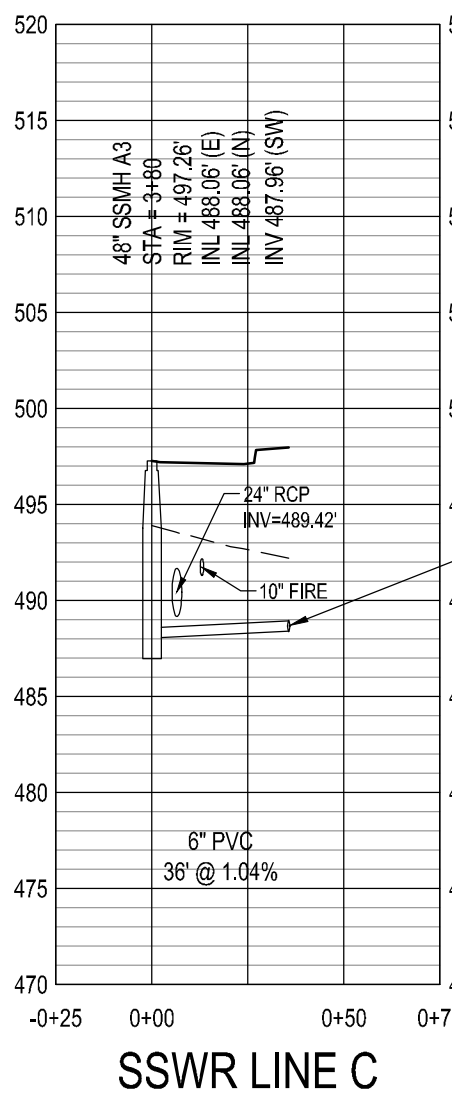
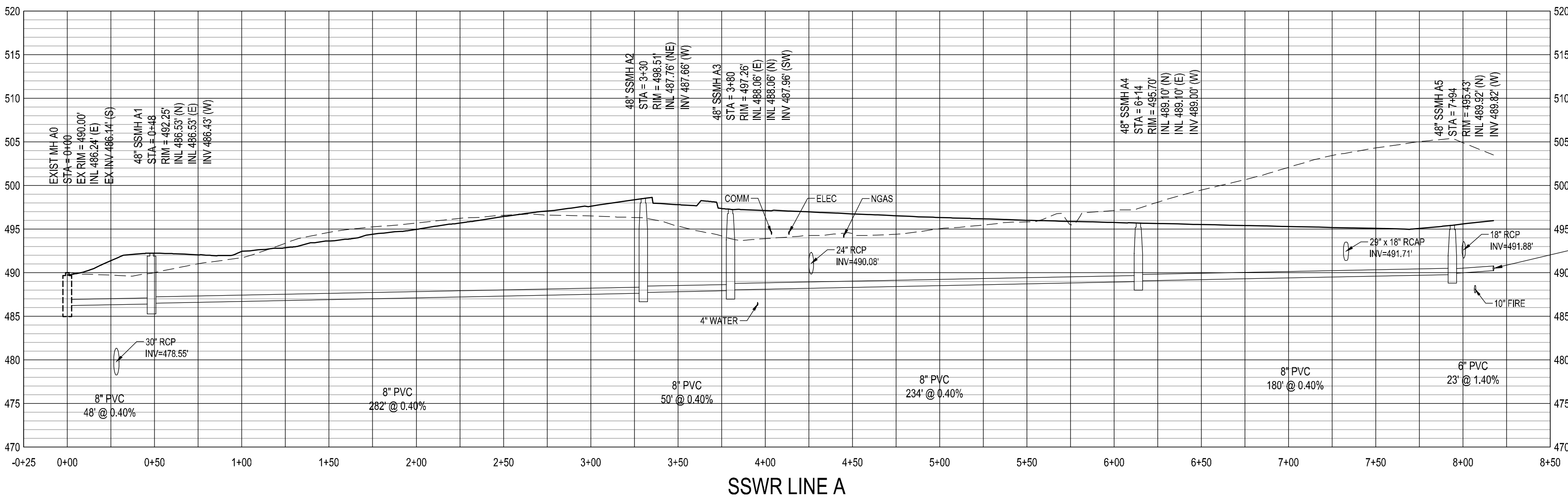
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SANITARY SEWER PROFILES

1C3.13

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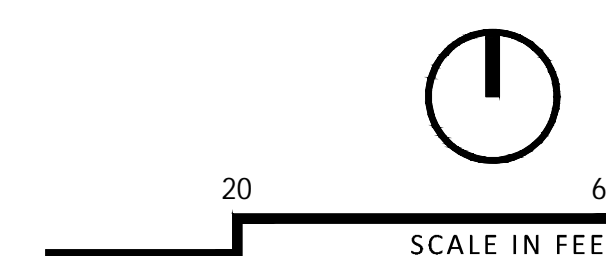


B1 SANITARY SEWER PROFILES

1" = 50' H  
1" = 10' V



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GRADING PLAN NOTES

1. SEE SHEET 1C2.01 FOR GRADING PLAN NOTES AND LEGEND

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D1 ENLARGED GRADING PLAN - RETAINING WALL

1" = 20'

D2 ENLARGED GRADING PLAN - TRUCK ENTRANCE

1" = 20'

C1 ENLARGED GRADING PLAN - GUARDHOUSE & PUMP HOUSE

1" = 20'

C3 ENLARGED GRADING PLAN - ADMIN & EMPLOYEE WELFARE

1" = 20'

C5 ENLARGED GRADING PLAN - EMPLOYEE ENTRANCE

1" = 20'

A1 ENLARGED GRADING PLAN - SOUTH WAREHOUSE

1" = 20'

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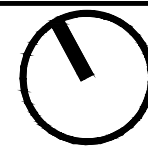
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ENLARGED  
GRADING PLANS

1C4.20

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20 60  
SCALE IN FEET



UTILITY PLAN NOTES

1. SEE SHEET 1C3.01 FOR UTILITY PLAN NOTES AND LEGEND

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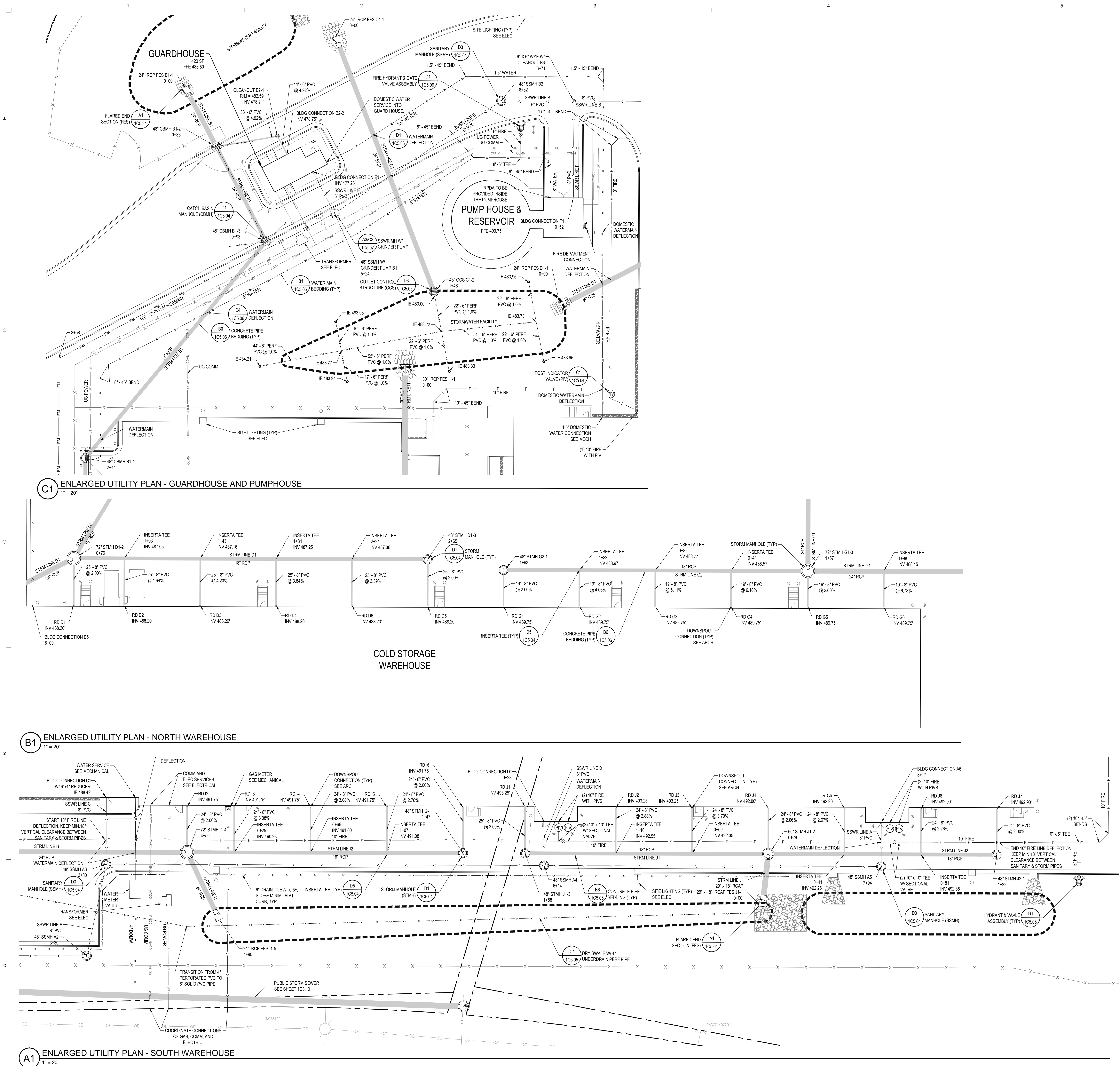
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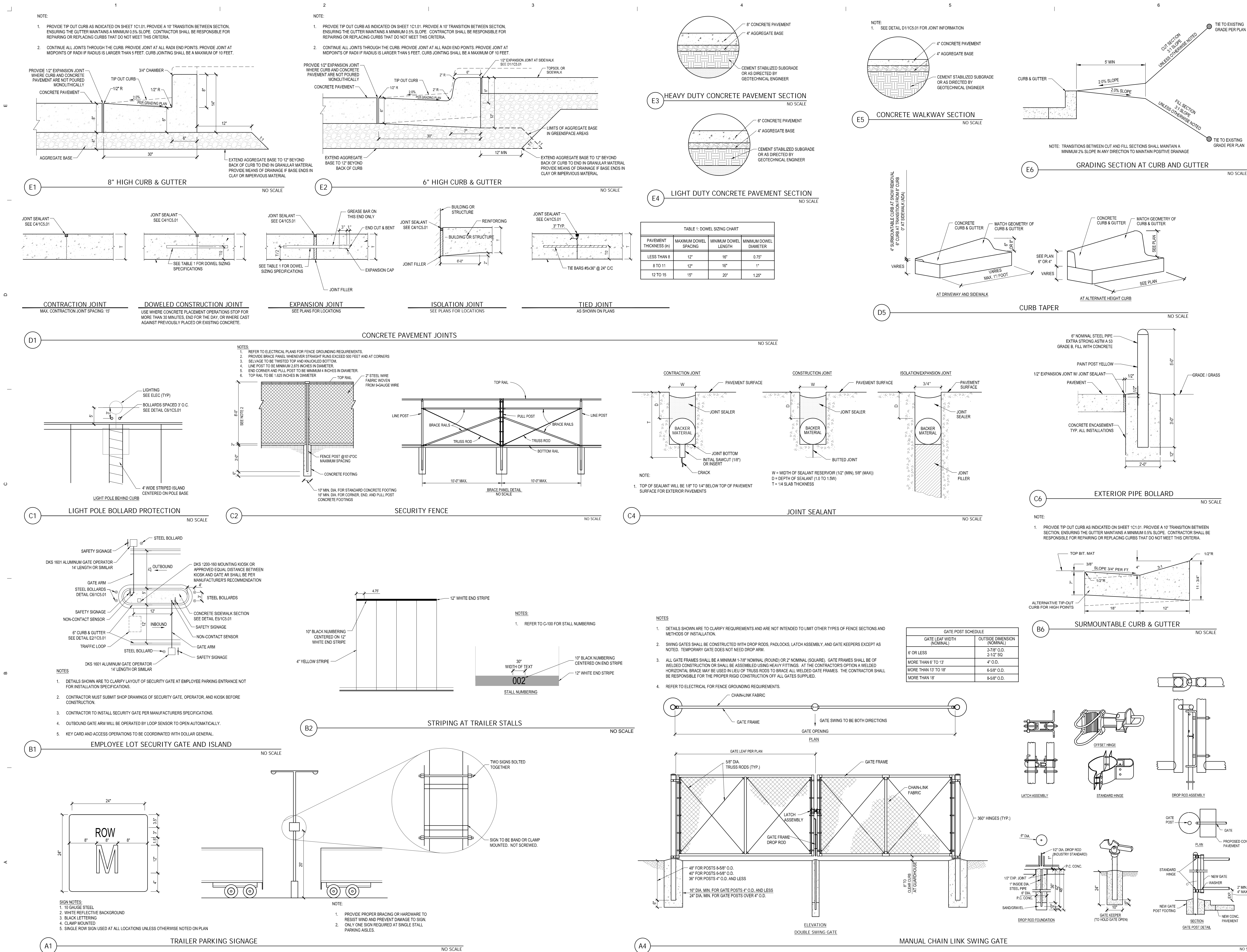
ENLARGED UTILITY PLANS

1C4.30

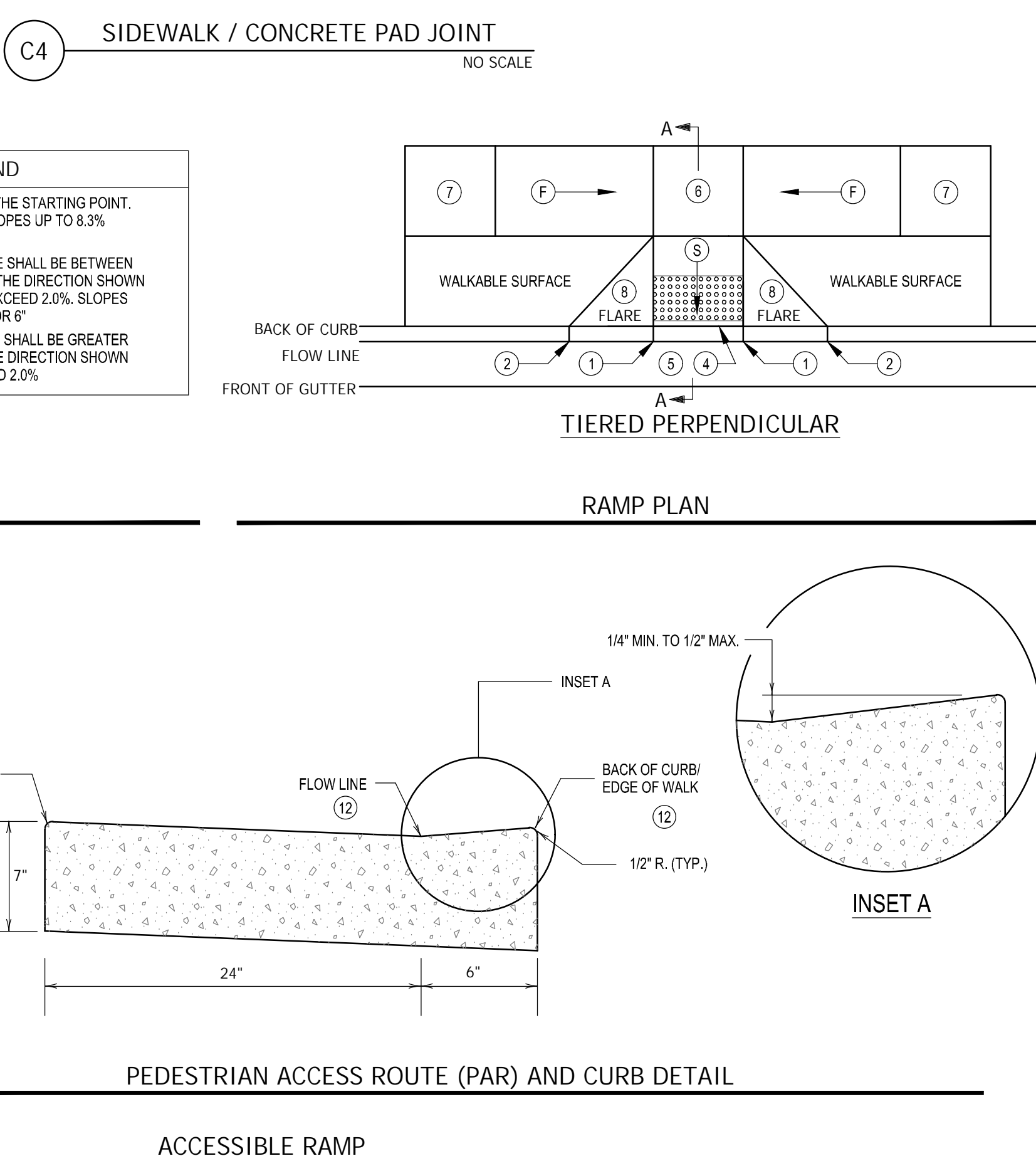
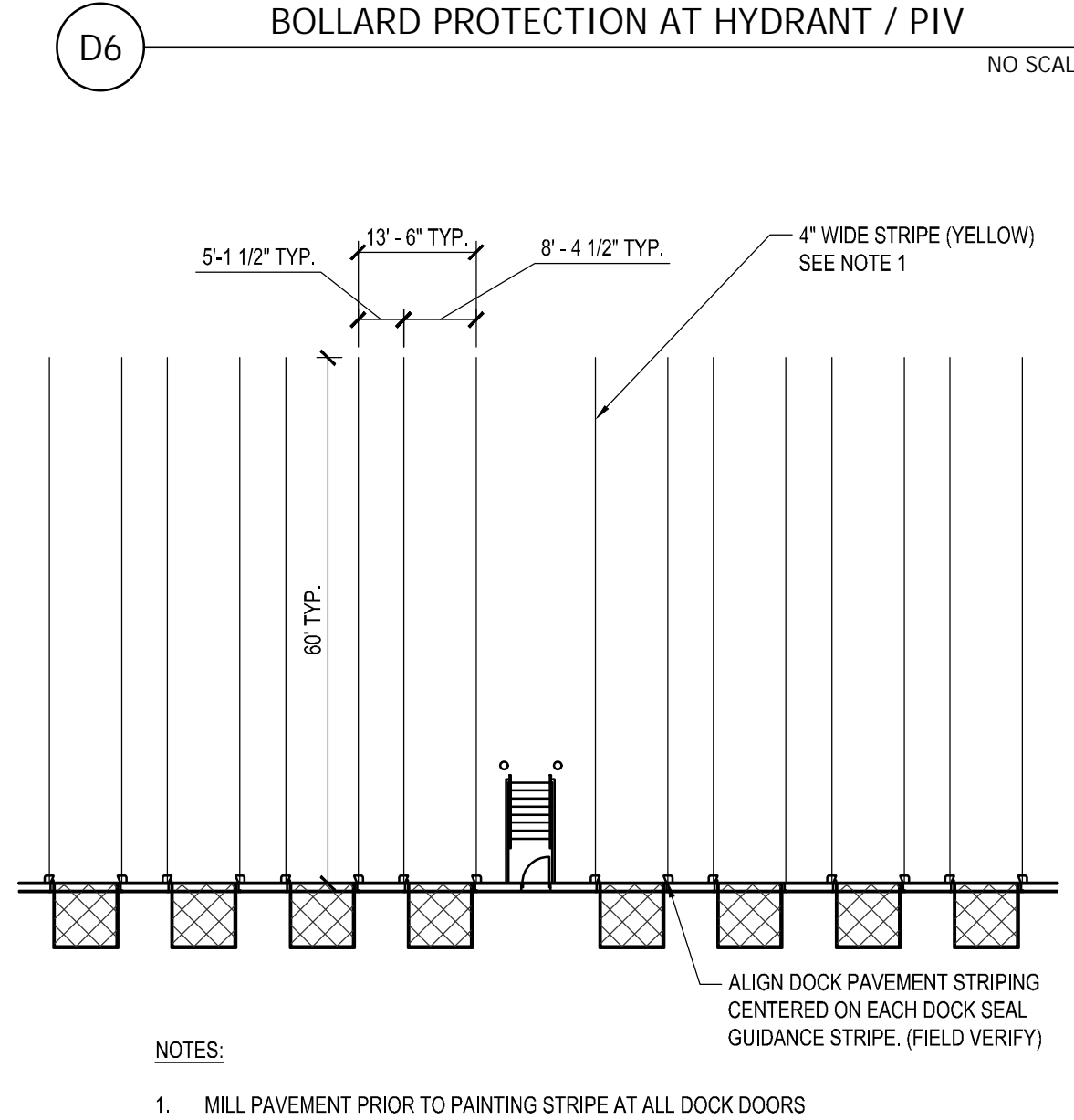
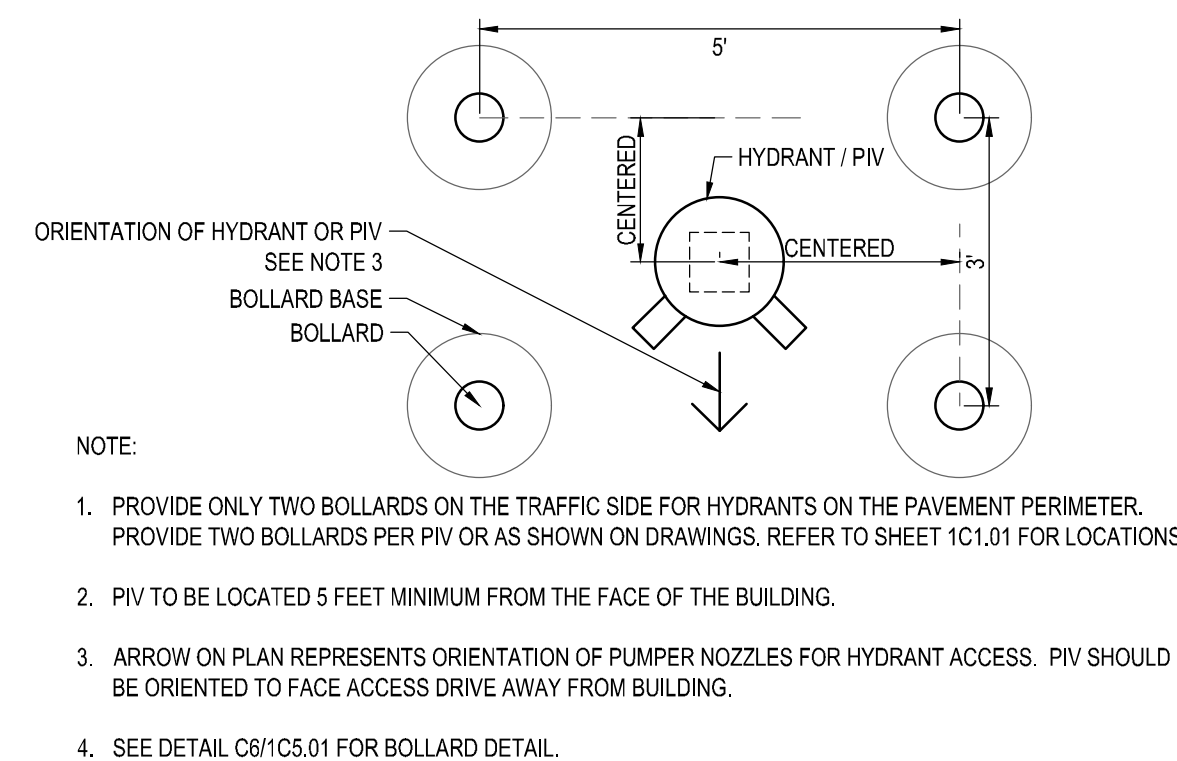
PROJECT NO.  
DGC20025







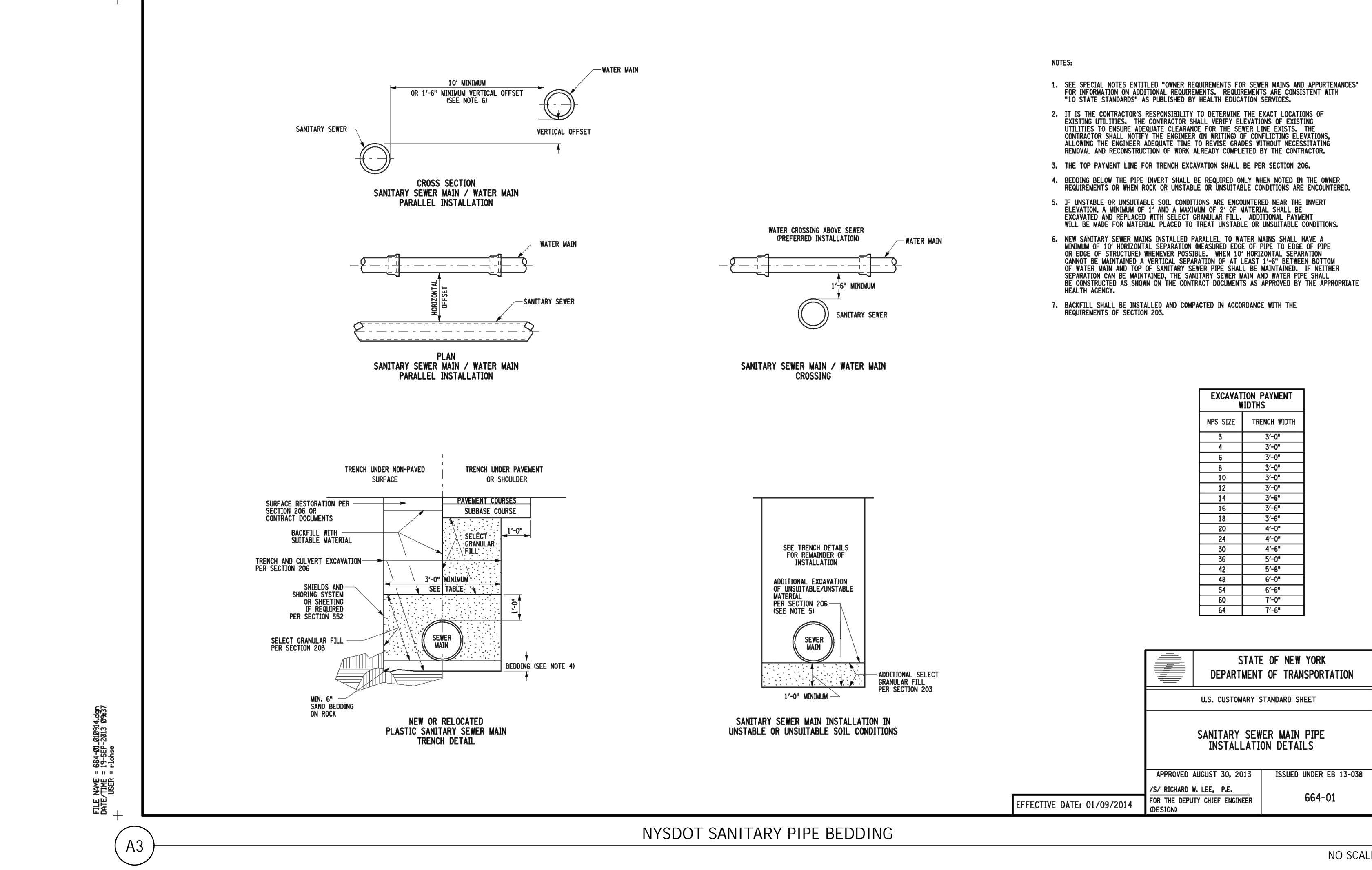
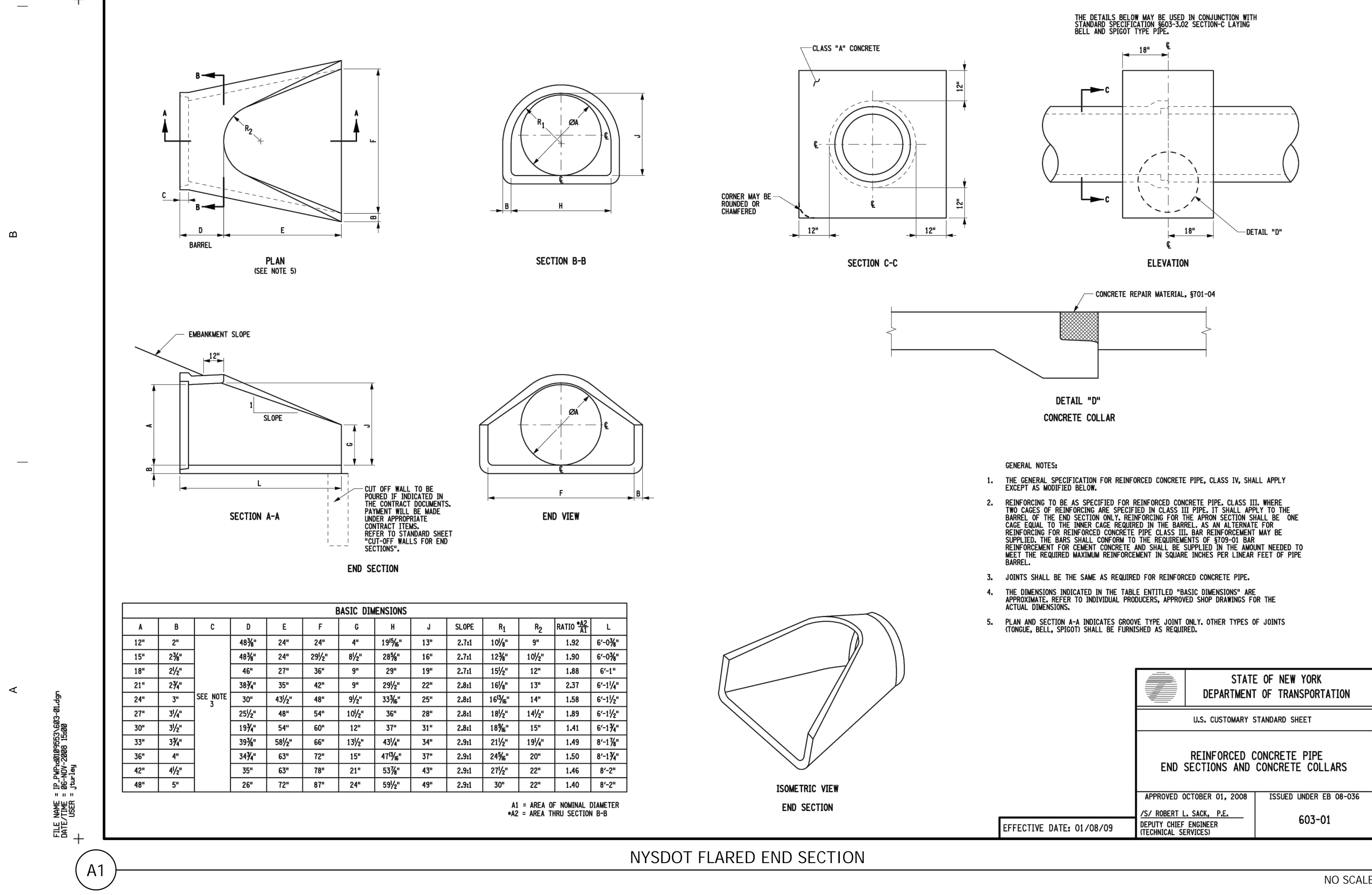
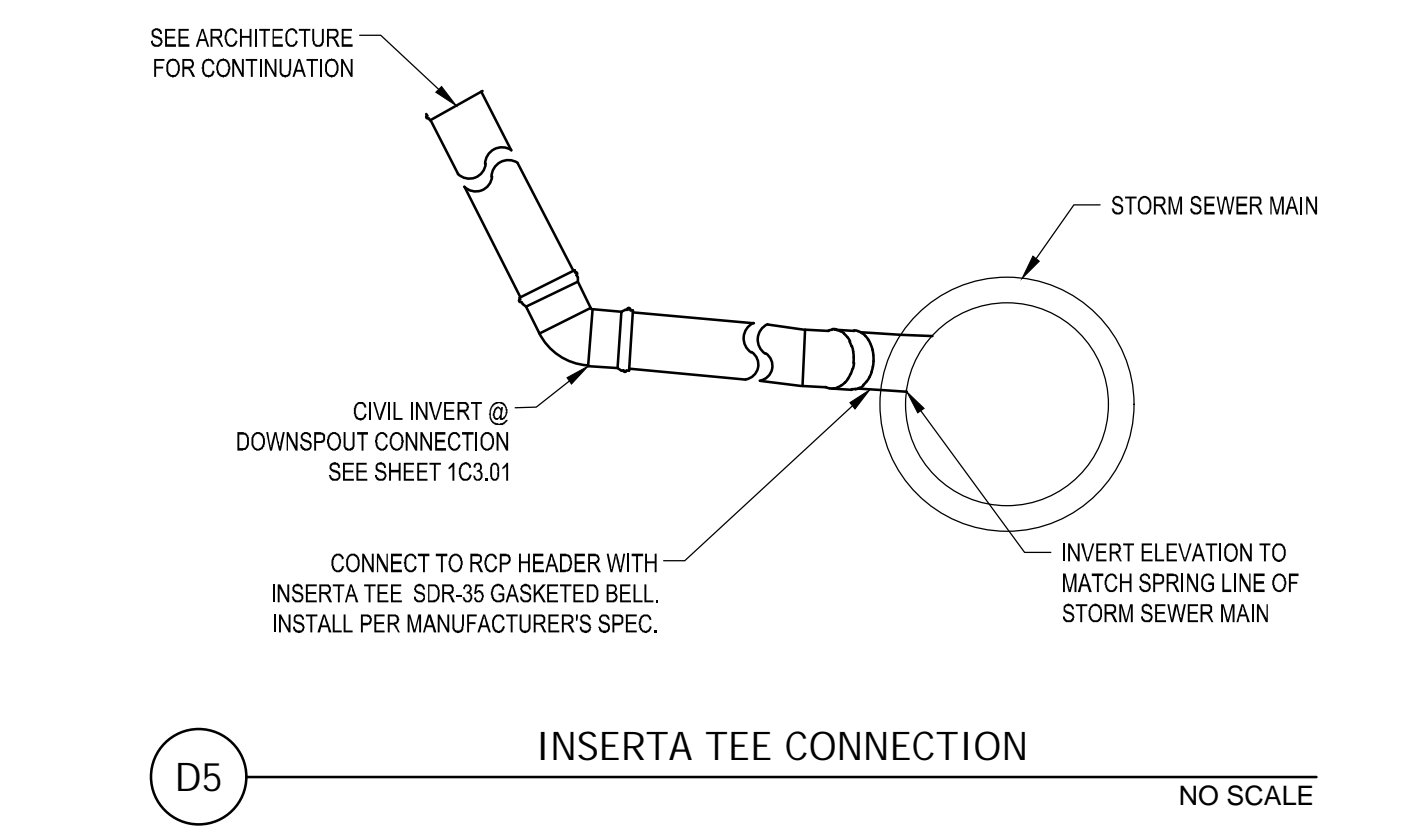
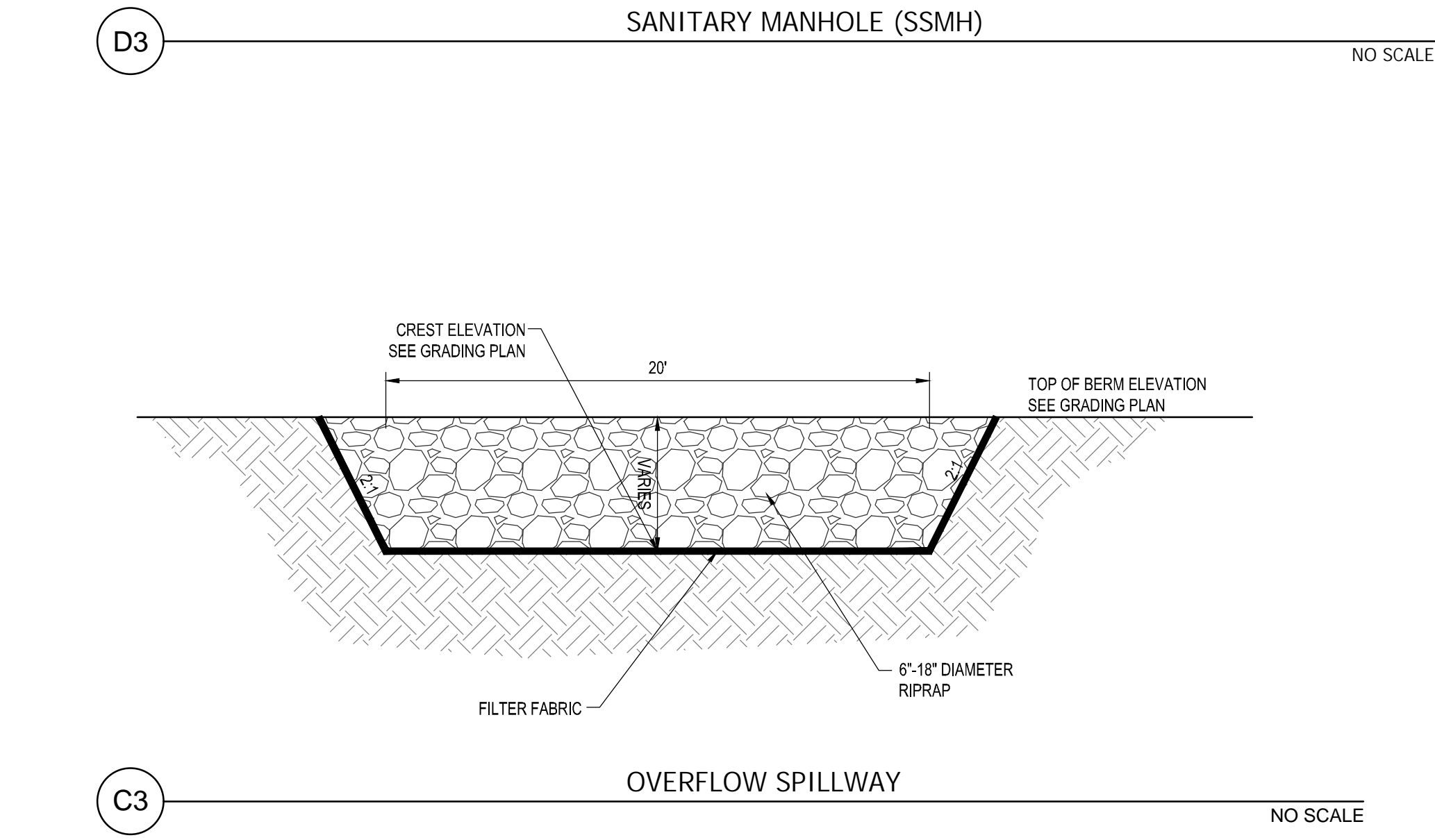
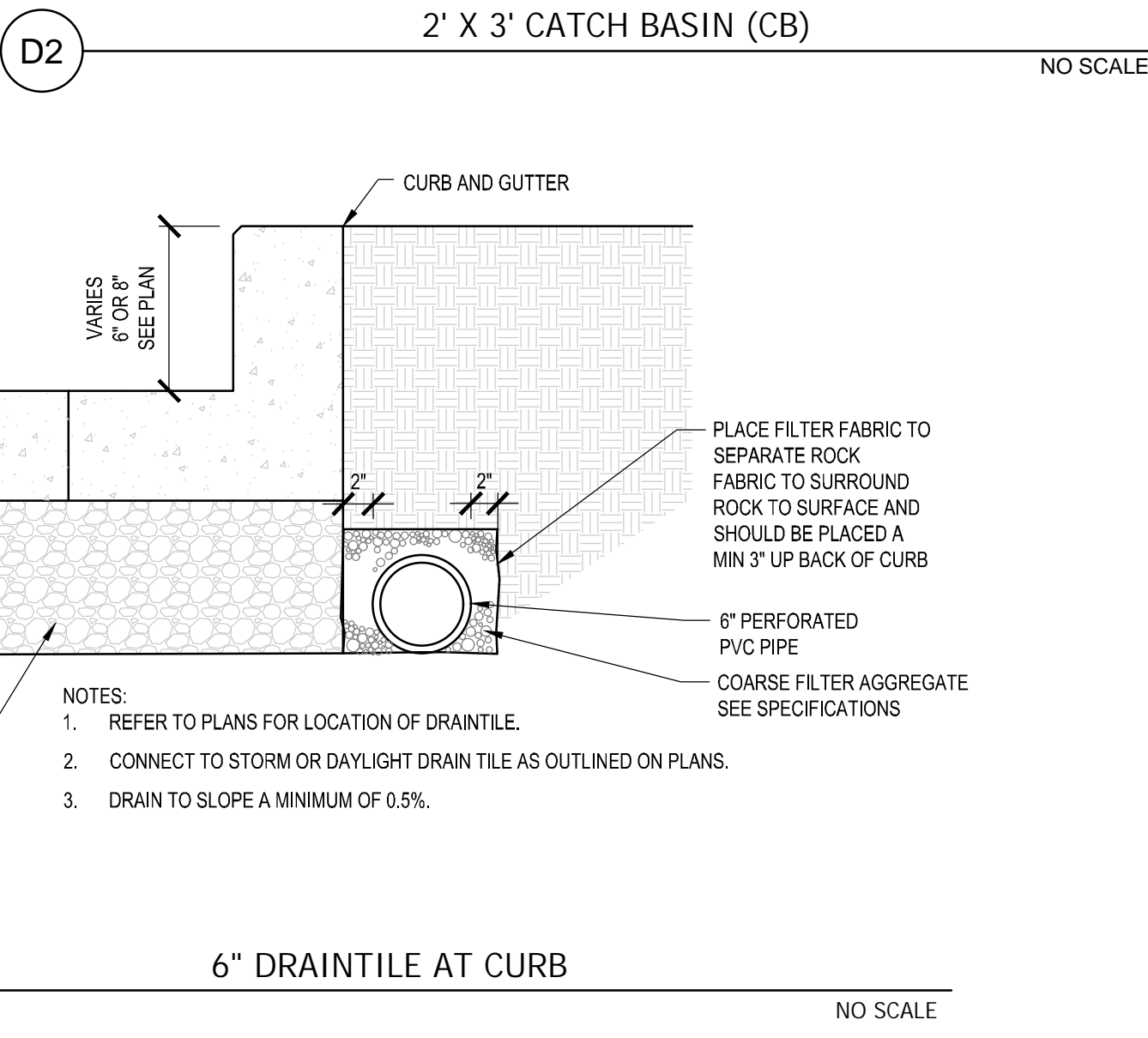
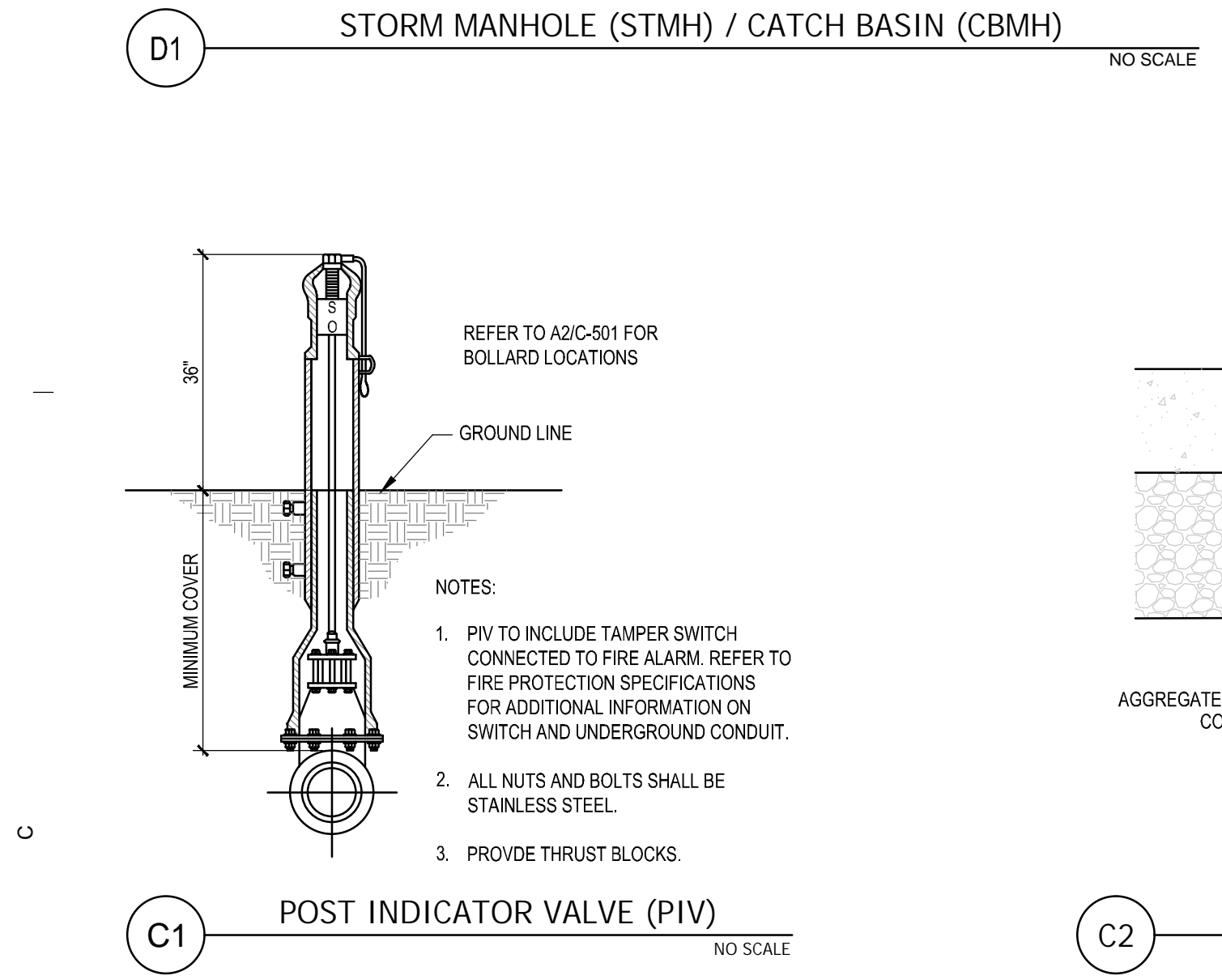
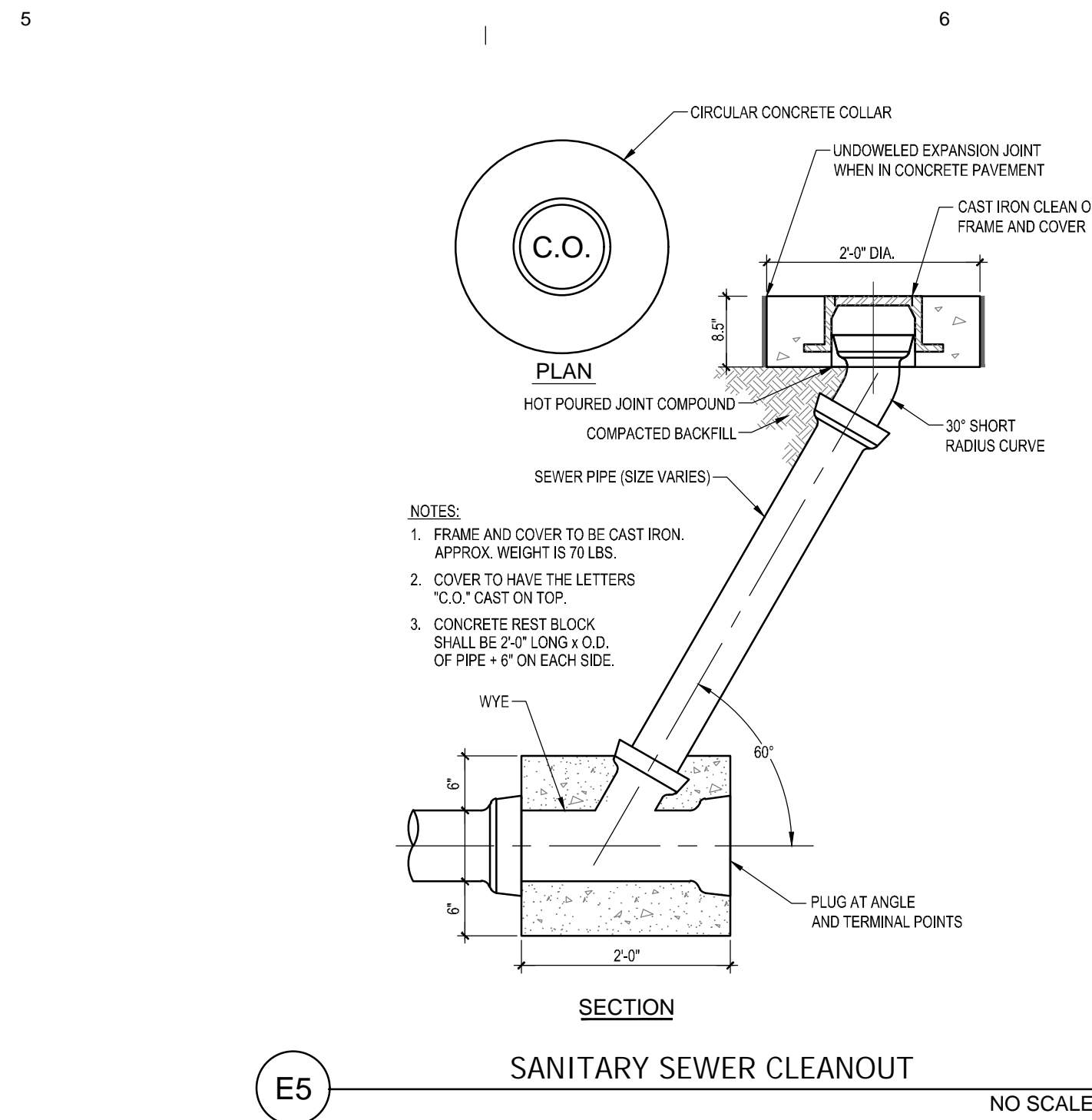
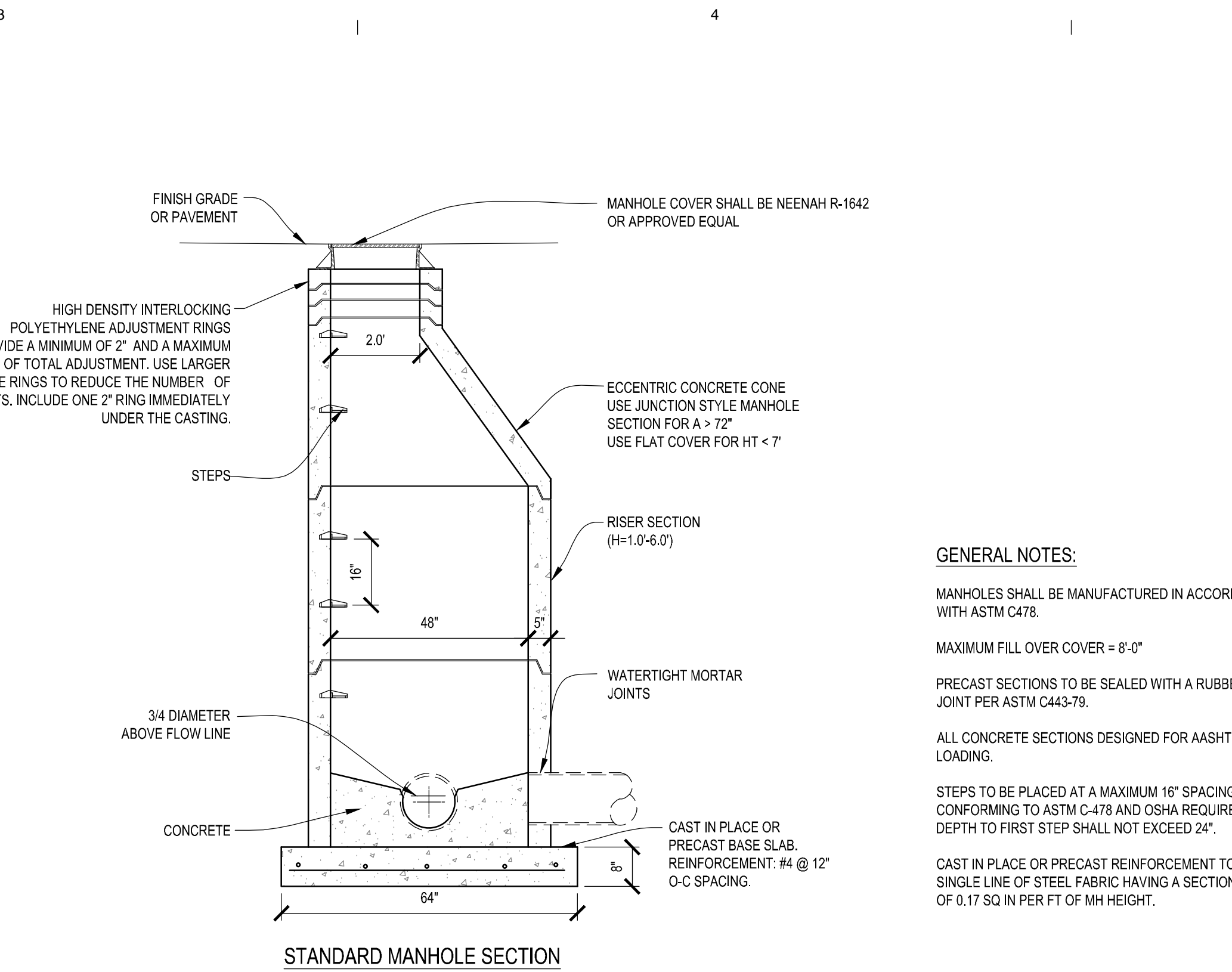
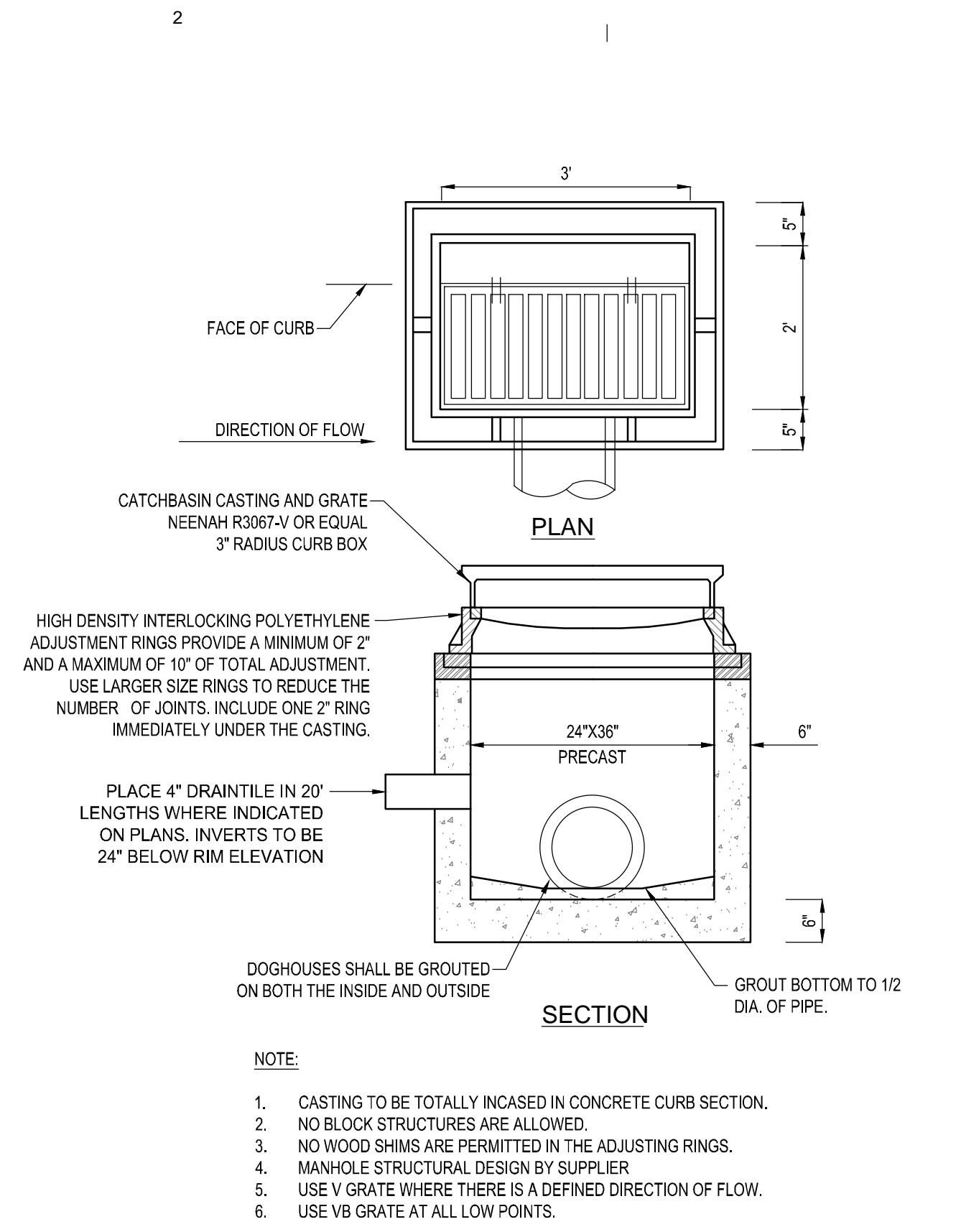
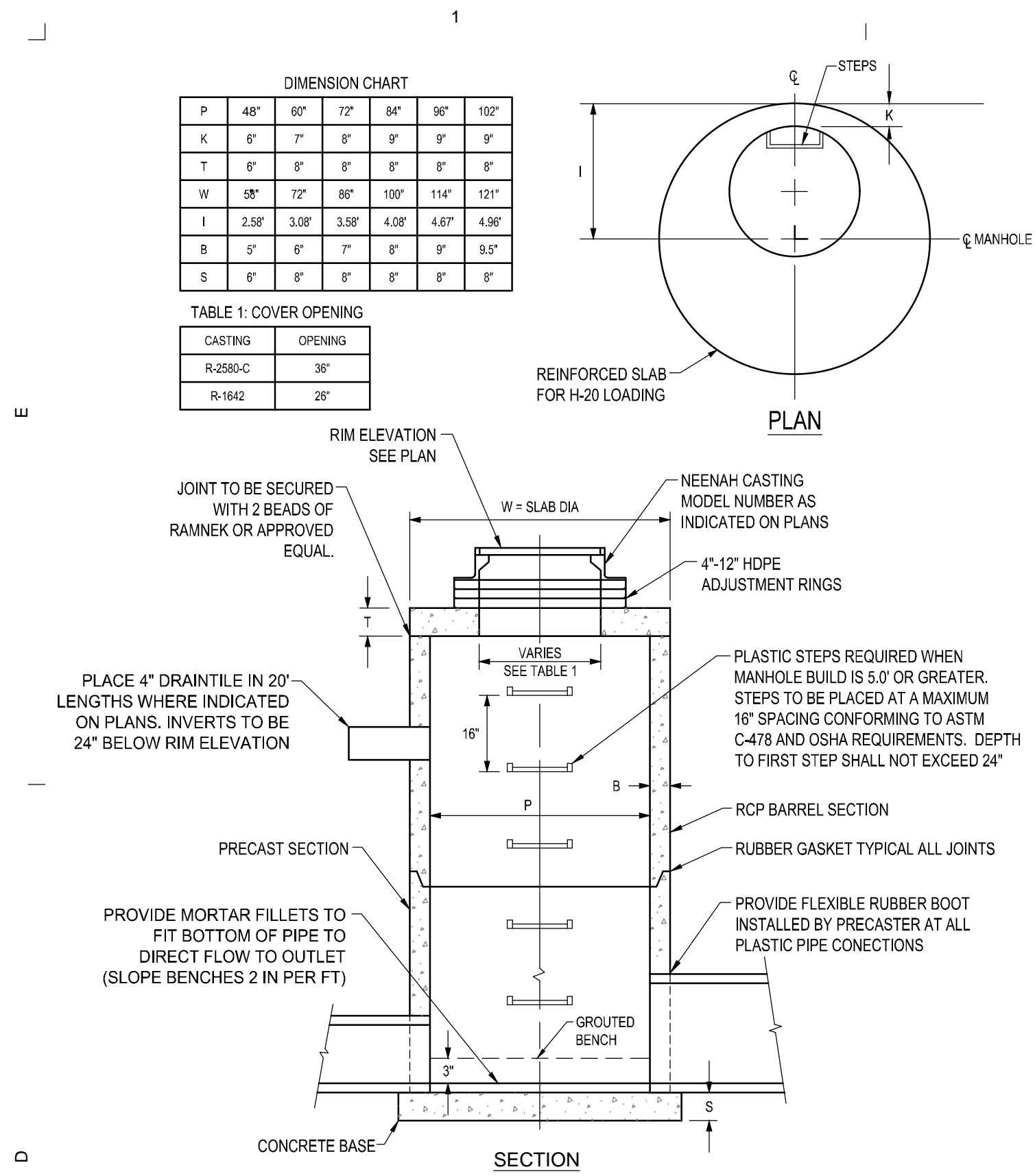












**DOLLAR GENERAL**

DOLLAR GENERAL CORPORATION  
100 MISSION RIDGE  
GOODLETTSVILLE, TN 37072

PROJECT

DOLLAR GENERAL FRESH WAREHOUSE  
20XX NY HWY 55  
AMSTERDAM, NEW YORK

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PERMIT ISSUE 10/13/2023

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CERTIFICATION

STATE OF NEW YORK

STEPHEN M. JOHNSON

REGISTERED PROFESSIONAL ENGINEER

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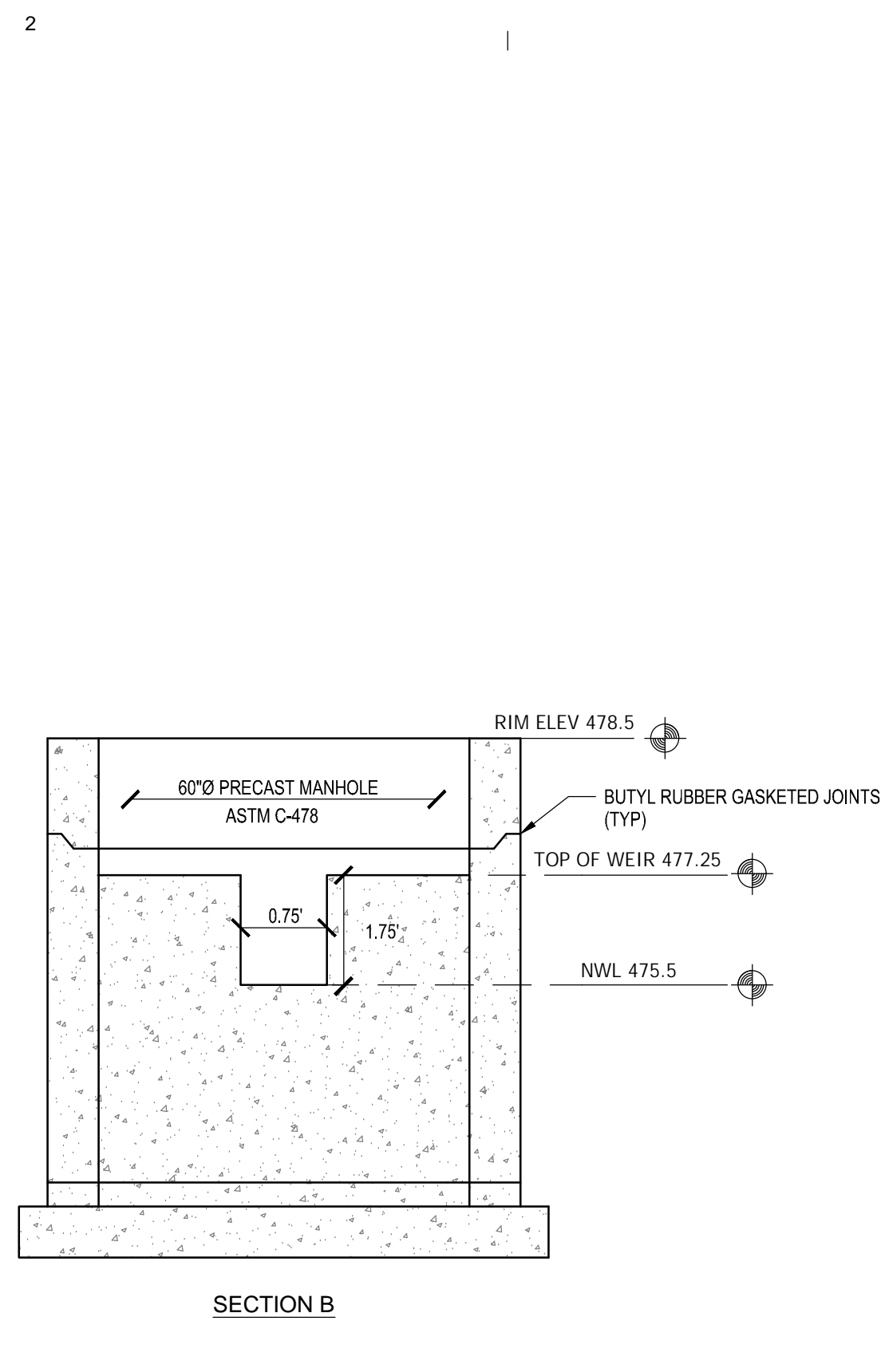
SHEET

UTILITY DETAILS

1C5.04

PROJECT NO. DGC20025





NO SCALE



NO SCALE



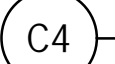
NO SCALE



- NOTES:
1. SOIL MUST BE A SANDY LOAM, LOAMY SAND, LOAM (USDA) OR A LOAM/SAND MIX. (SHOULD CONTAIN A MINIMUM 35 TO 60% SAND BY VOLUME), CLAY CONTENT SHOULD BE LESS THAN 25% BY VOLUME. SOILS SHOULD FALL WITHIN THE SM, OR ML CLASSIFICATIONS OF THE UNIFIED SOIL CLASSIFICATION SYSTEM (USCS).
  2. THE SOIL MUST HAVE A PERMEABILITY OF AT LEAST 0.5"/HR.

DESIGNATION	WATER QUALITY PEAK DEPTH (A)	1 YEAR PEAK DEPTH (B)	10 YEAR PEAK DEPTH (C)	100 YEAR PEAK DEPTH
S SWALE	0.0'	0.7'	1.4'	2.7'

NO SCALE



NO SCALE

FOREBAY ELEV. (F)	OUTLET ELEV. (G)	OCS ELEV. (H)	INV ELEV. (I)	SPILLWAY ELEV. (J)
479.0	474.3	478.5	SEE D11/C5.05 FOR NOTCHED WEIR	SEE C3/C5.04 FOR SPILLWAY



MINIMUM RESTRAINED LENGTH OF PIPE ( $L_R$ )											
VERTICAL UPRIGHT BENDS - NPS #7.1											
FITTING	4 NPS	6 NPS	8 NPS	10 NPS	12 NPS	14 NPS	16 NPS	18 NPS	20 NPS	24 NPS	
11 1/4"	1.5	2.0	3.0	3.0	4.0	4.0	5.0	5.0	6.0	6.5	
22 1/2"	1.5	2.0	3.0	3.0	4.0	4.0	5.0	5.0	6.0	6.5	
45°	3.0	4.0	5.5	6.5	8.0	8.0	10.0	10.5	11.5	13.5	
90°	7.0	10.0	12.5	15.5	18.5	20.5	23.0	26.0	28.0	32.5	
VERTICAL DOWNWARD BENDS - NPS #7.1											
FITTING	4 NPS	6 NPS	8 NPS	10 NPS	12 NPS	14 NPS	16 NPS	18 NPS	20 NPS	24 NPS	
11 1/4"	3.5	5.0	7.0	7.0	8.0	8.0	10.0	10.0	11.5	12.0	
22 1/2"	7.0	10.0	13.0	15.5	18.5	21.0	24.0	26.5	29.0	34.0	
45°	14.5	20.5	27.0	32.5	38.5	44.0	49.0	54.5	60.0	70.0	
90°	35.0	49.5	64.0	78.0	92.0	105.0	118.0	131.5	144.5	169.0	

NOTE: FOR PVC PIPE MULTIPLY VALUES IN TABLE BY 1.15

PIPE SIZE	RODS	MIN. EMBEDMENT LENGTH
4 NPS	1 - (3)	6"
6 NPS	1 - (3)	6"
8 NPS	2 - (4)	6"
10 NPS	2 - (4)	6"
12 NPS	2 - (5)	7"
14 NPS	2 - (6)	8"
16 NPS	2 - (6)	8"
18 NPS	2 - (7)	10"
20 NPS	2 - (8)	11"
24 NPS	2 - (9)	12"

NUMBERS IN PARENTHESS ARE BAR SIZES MARKED IN EIGHTHS OF INCHES

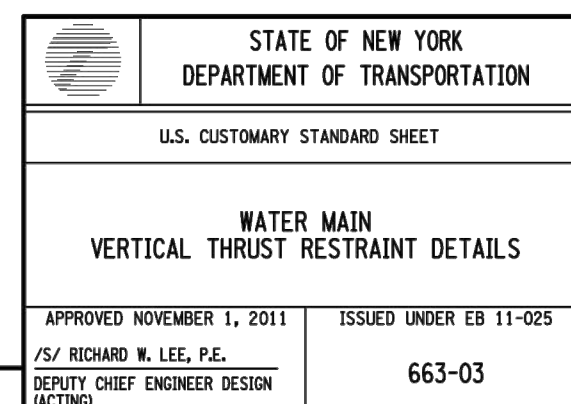
NUMBERS IN PARENTHESES ARE BAR SIZES MARKED IN EIGHTHS OF INCH

[illegible]

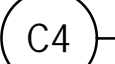
REFERENCES:

1. DUCTILE IRON PIPE RESEARCH ASSOCIATION
2. EBAA IRON CONNECTIONS TECHNICAL DATA SERIES

EFFECTIVE DATE: 05/03/2012



VERTICAL/HORIZONTAL THRUST RESTRAINT

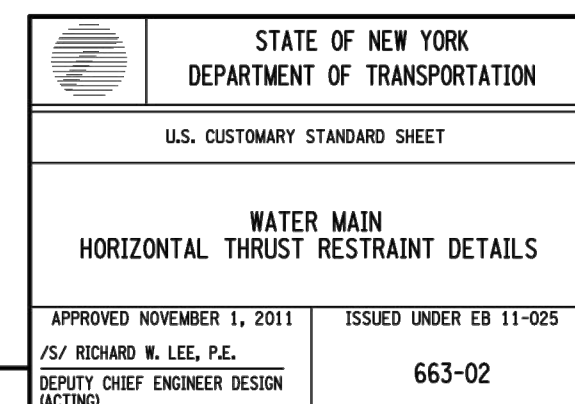
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MINIMUM RESTRAINED LENGTH OF PIPE (FT-IN) $L_R$										
FITTING	4 NPS	6 NPS	8 NPS	10 NPS	12 NPS	14 NPS	16 NPS	18 NPS	20 NPS	24 NPS
11 1/4" B <sub>1</sub>	1'-3"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-3"
22 1/2" B <sub>1</sub>	1'-3"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-6"
50" B <sub>1</sub>	3'-0"	4'-0"	5'-3"	6'-3"	7'-6"	8'-6"	9'-6"	10'-6"	11'-6"	13'-6"
90" B <sub>1</sub>	7'-0"	9'-6"	12'-6"	15'-6"	18'-0"	20'-0"	23'-0"	25'-6"	28'-0"	32'-6"
DEAD END	6'-6"	12'-6"	14'-0"	19'-3"	23'-0"	26'-0"	29'-6"	33'-0"	36'-0"	42'-0"

NOTE: PVC PIPE WILL TYPICALLY HAVE SLIGHTLY GREATER RESTRAINED LENGTH.

NOTES: FOR PEX/HDPE/IBL WRAPPED PIPE, MULTIPLY VALUES IN TABLE BY 1.45.

EFFECTIVE DATE: 05/03/2012



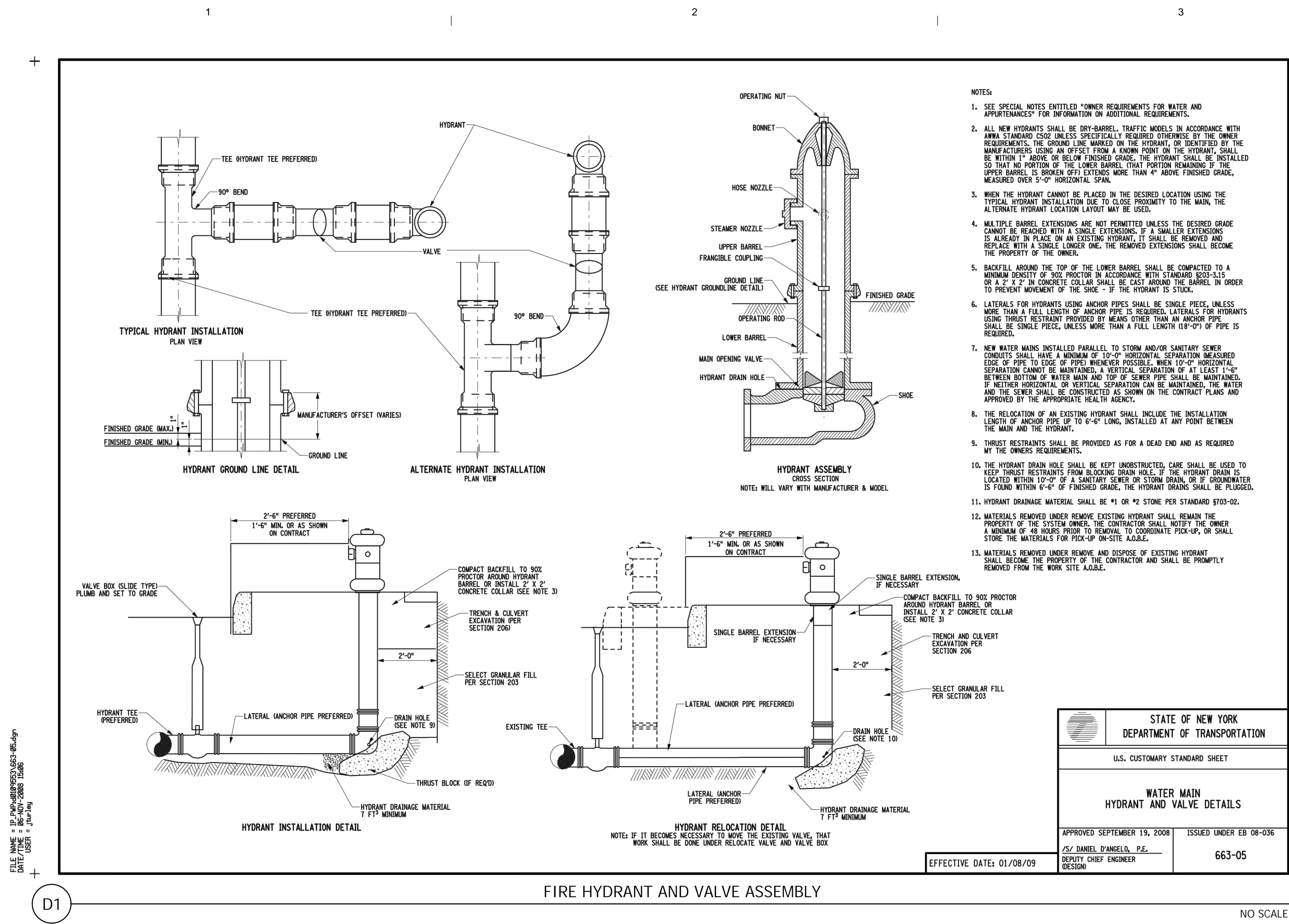
HORIZONTAL THRUST RESTRAINT DETAILS

APPROVED NOVEMBER 1, 2011	ISSUED UNDER FB 11-025
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DEPUTY CHIEF ENGINEER DESIGN (ACTING)	663-02
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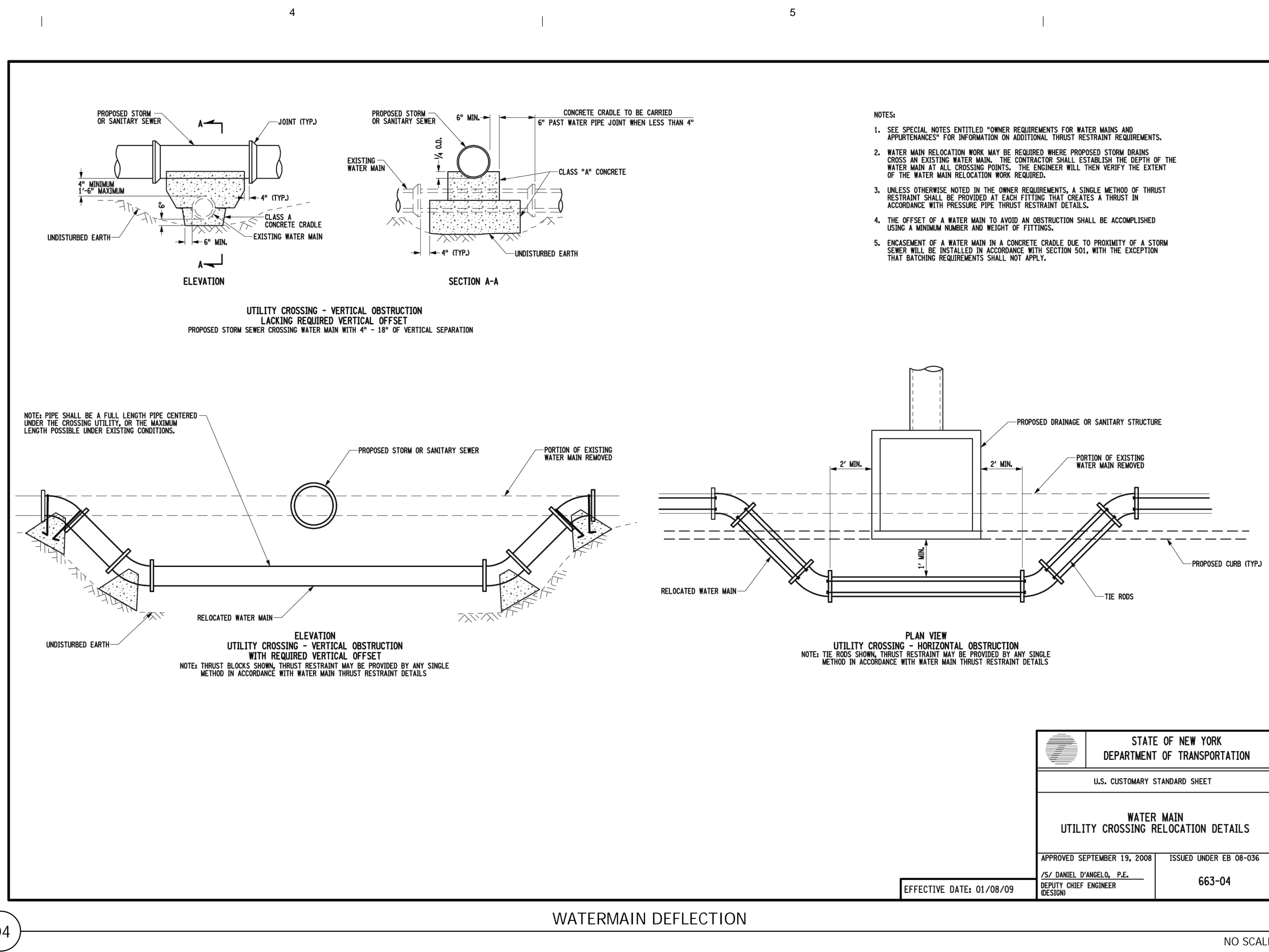
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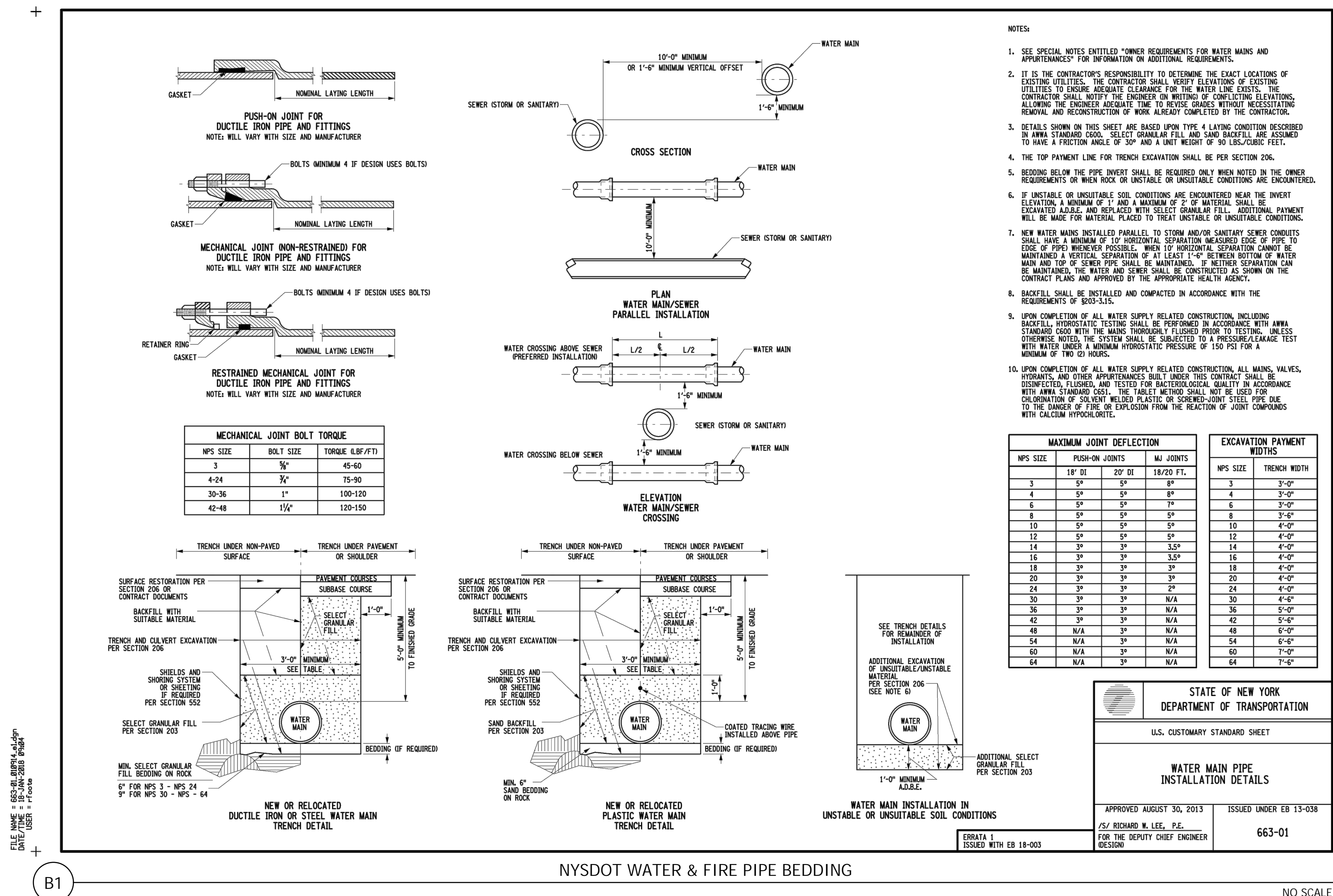
FIRE HYDRANT AND VALVE ASSEMBLY

NO SCALE



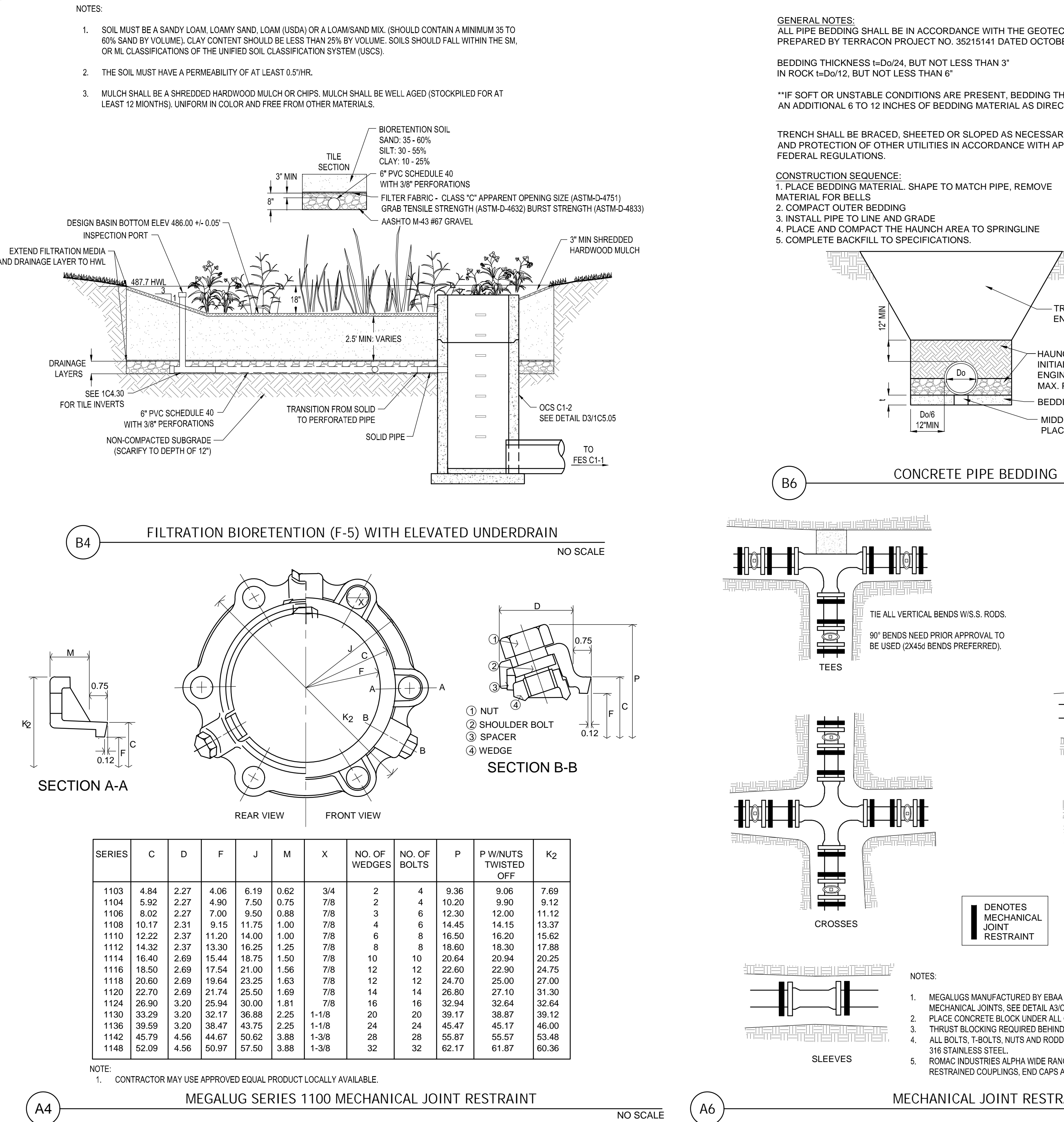
WATERMAIN DEFLECTION

NO SCALE



NYSOT WATER & FIRE PIPE BEDDING

NO SCALE



FILTRATION BIORETENTION (F-5) WITH ELEVATED UNDERDRAIN

CONCRETE PIPE BEDDING

NO SCALE

DOLLAR GENERAL

DOLLAR GENERAL CORPORATION  
100 MISSION RIDGE  
GOODLETTSVILLE, TN 37072

PROJECT  
DOLLAR GENERAL  
FRESH  
WAREHOUSE  
20XX NY HWY 55  
AMSTERDAM, NEW YORK

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GENERAL NOTES:  
ALL PIPE BEDDING SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED BY TERRACON PROJECT NO. 35215141 DATED OCTOBER 25, 2021.

BEDDING THICKNESS h=Do/24, BUT NOT LESS THAN 3" IN ROCK h=Do/12, BUT NOT LESS THAN 6"

"IF SOFT OR UNSTABLE CONDITIONS ARE PRESENT, BEDDING THICKNESS SHALL BE INCREASED BY AN ADDITIONAL 4 TO 12 INCHES OF BEDDING MATERIAL AS DIRECTED BY GEOTECHNICAL ENGINEER.

TRENCH SHALL BE BRACED, SHEETED OR SLOPED AS NECESSARY FOR THE SAFETY OF WORKMEN AND PROTECTION OF OTHER UTILITIES IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

CONSTRUCTION SEQUENCE:  
1. PLACE BEDDING MATERIAL. SHAPE TO MATCH PIPE, REMOVE MATERIAL FOR BELLS.  
2. COMPACT OUTER BEDDING.  
3. INSTALL PIPE TO LINE AND GRADE.  
4. PLACE AND COMPACT THE HAUNCH AREA TO SPRINGLINE.  
5. COMPLETE BACKFILL TO SPECIFICATIONS.

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STEPHEN M. JOHNSON  
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075557-1

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UTILITY DETAILS

1C5.06

PROJECT NO.: DGC20025



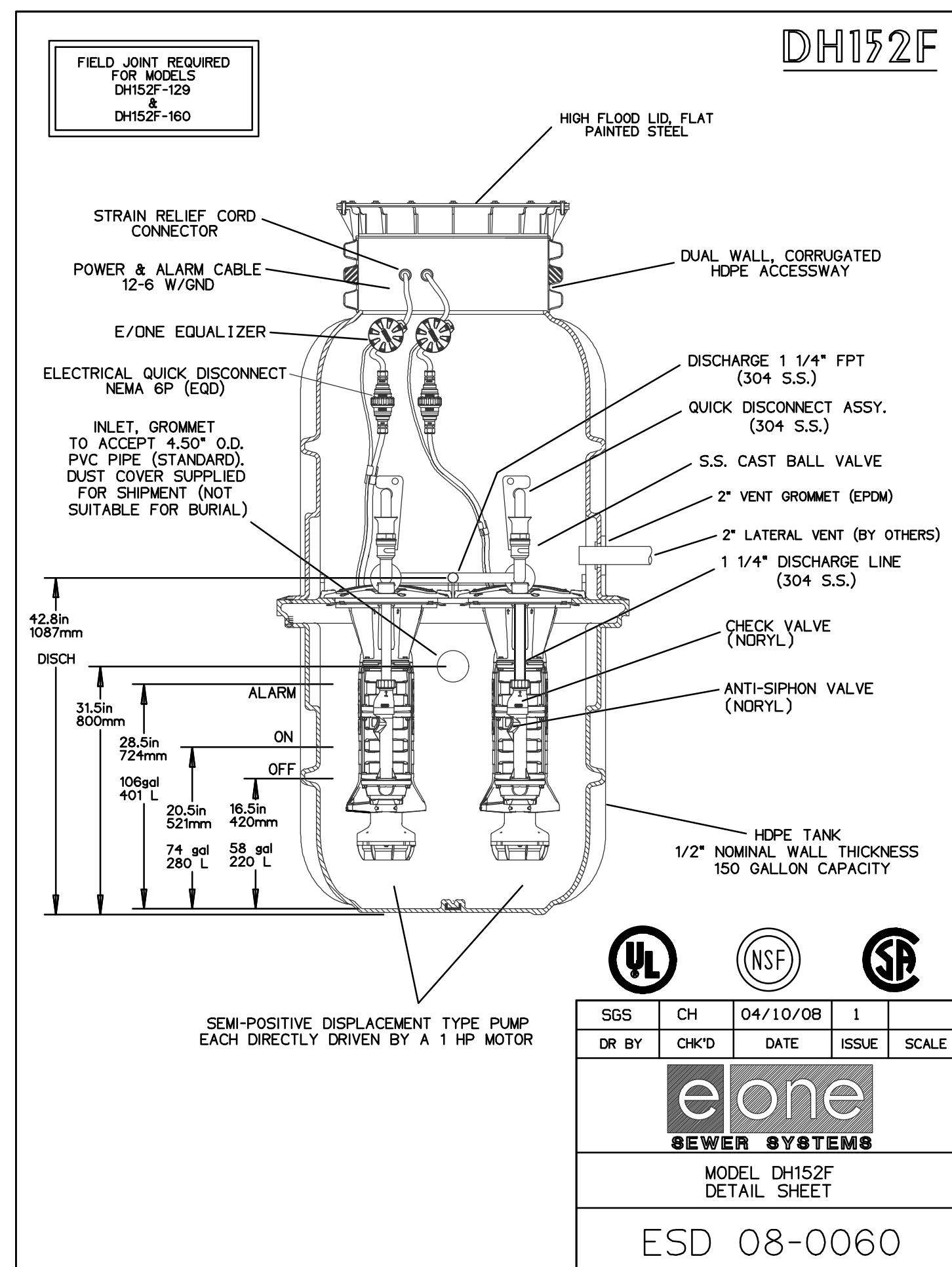
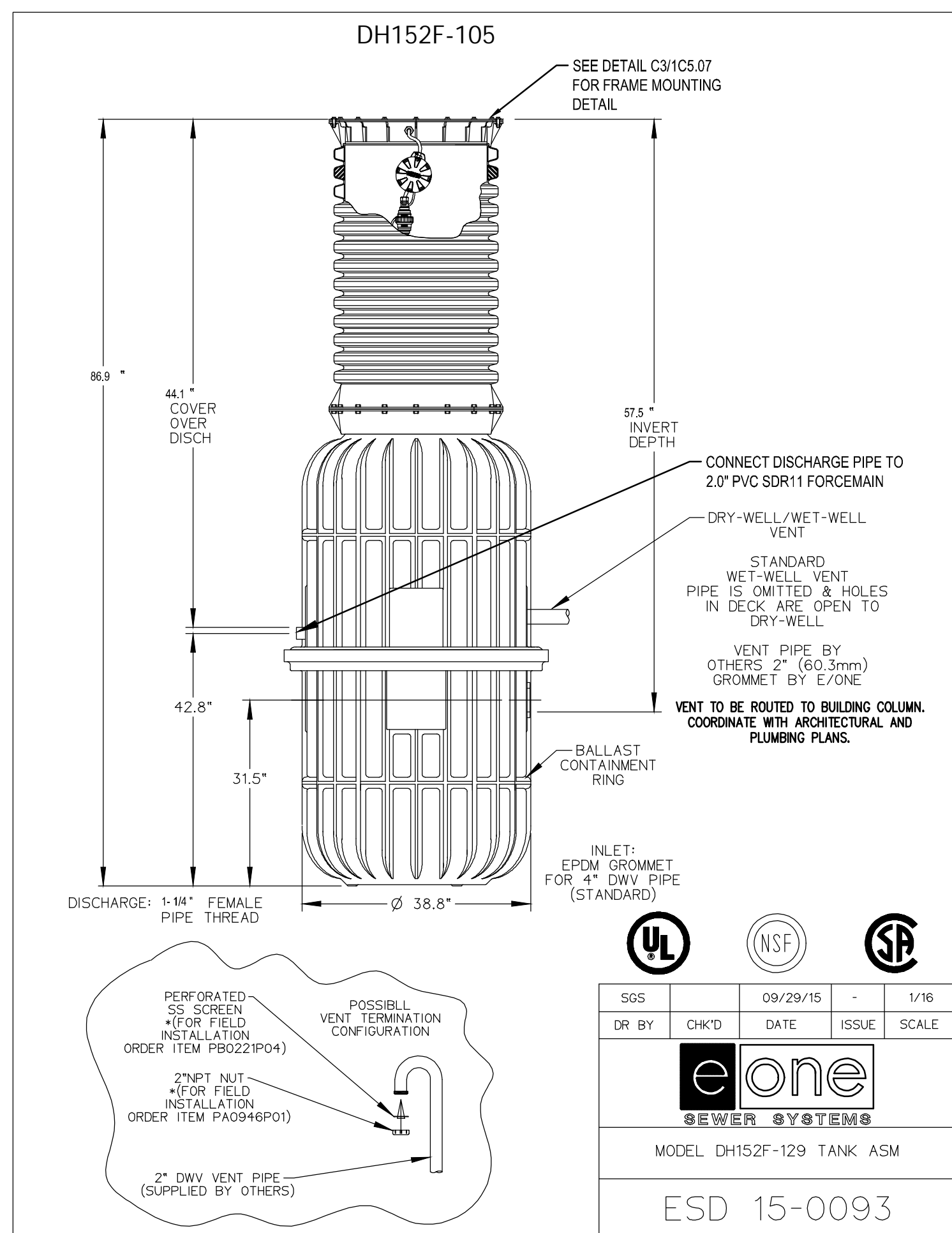
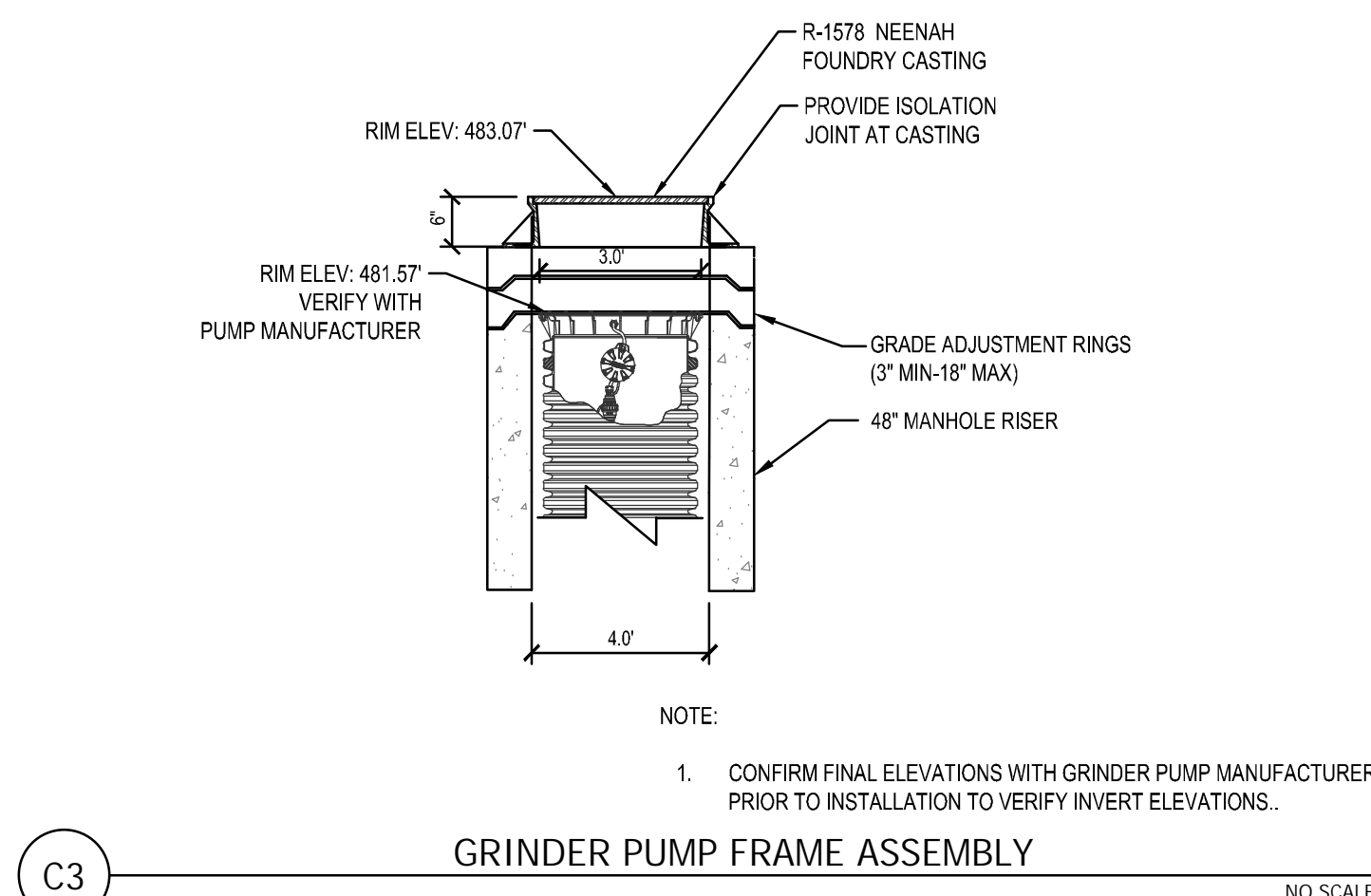
PROJECT

DOLLAR GENERAL  
FRESH  
WAREHOUSE  
20XX NY HWY 5S  
AMSTERDAM, NEW YORK

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[illegible]

INSTALL PANEL INSIDE GUARD STATION  
COORDINATE WITH ELECTRICAL AND ARCHITECTURAL



# E/One Sentry™

### Alarm Panel — Duplex Protect Plus Package

### Description

The E/One Sentry Protect Plus panels are custom designed for use with Environment One Duplex grinder pump stations. They can be configured to meet the needs of your application, from basic alarm indication to advanced warning of pending service requirements.

E/One Sentry Protect Plus panels are supplied with audible and visual high level alarms. They are easily installed in accordance with relevant national and local codes. Standard panels are approved by UL, CSA, CE and NSF to ensure high quality and safety.

The panel features a corrosion-proof, NEMA 4X-rated, thermoplastic enclosure. A padlock is provided to prevent unauthorized entry (safety front).

## Features

Includes all features of the basic configuration of the E/One Sentry Simplex panel, including circuit breakers, 240 or 120 VAC service, terminal blocks and ground lugs, audible alarm with manual silence, manual run feature and run indicator, safety front, conformal-coated board and overload protection.

Includes all features of the E/One Sentry Simplex Protect package, including a Trouble indication that shuts down the pumps temporarily in the event of an unacceptable operating condition (brownout, system over-pressure, run-dry), as well as:

### Predictive status display module

Pre-alarm indication for major operating parameters

### Alarm indications for major operating parameters

Hour meter, cycle counter and alarm delay

### LCD display and user-friendly interface

Inner cover (dead front)

Contact group — dry contacts and Remote Sentry contacts

### Programmable User Settings

Please consult factory for special applications



NA0344P01 Rev. —



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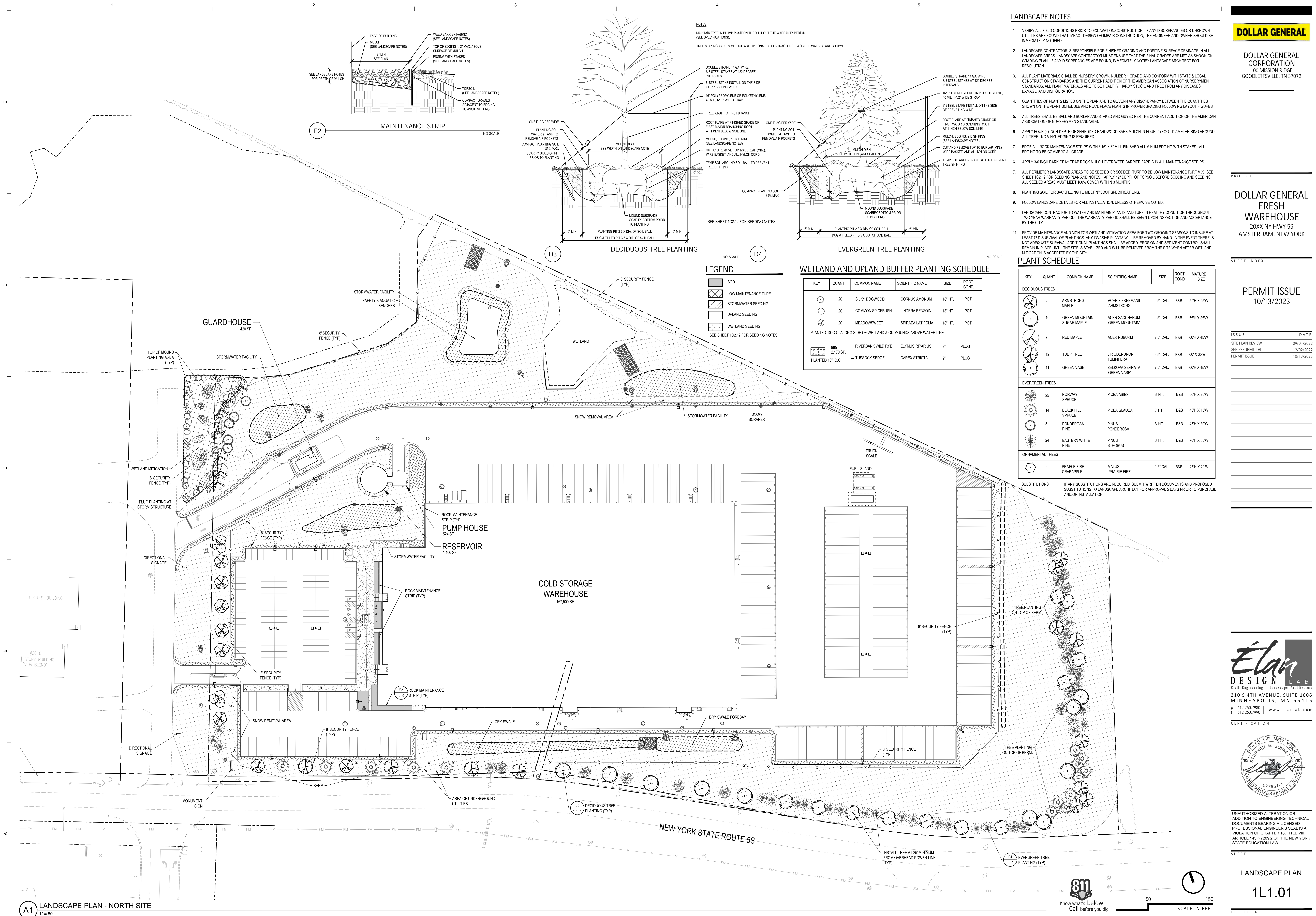
## UTILITY DETAILS

1C5.07

PROJECT NO.

DGC20025





DOLLAR GENERAL

DOLLAR GENERAL CORPORATION  
100 MISSION RIDGE  
GOODLETTSVILLE, TN 37072

PROJECT

DOLLAR GENERAL  
FRESH  
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CERTIFICATION



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SHEET

LANDSCAPE PLAN

1L1.01

PROJECT NO.  
DGC20025