

3/8/2019 10:57:56 AM
SHEET NAME: COVER SHEET SHEET NUMBER: G1-0 PROJECT NAME: PROJECT NAME
FILENAME: C:\Users\springfield\Documents\Revit\Projects\20171816000000 Dawson Senior Center\Drawings\Senior Center\XAM-JUS_springfield.rvt

DAWSON COUNTY SENIOR CENTER & PAVILION - SITE PACKAGE

201 RECREATION RD DAWSONVILLE, GA 30534

100% CONSTRUCTION DOCUMENTS

DESIGNING ARCHITECT



A NELSON Company



Nelco Architecture, Inc.
a licensed affiliate of Nelson Worldwide, LLC.



DAWSON COUNTY SENIOR CENTER

201 RECREATION RD
DAWSONVILLE, GA 30534

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Print Record
2018-06-01 DESIGN DEVELOPMENT 100%
2018-06-18 CD PROGRESS PRINT 90%
2019-02-19 CONSTRUCTION DOCUMENTS 100%
2019-03-08 GRANT REVIEW DOCUMENTS

Revisions		
No.	Date	Description

RELEASED FOR CONSTRUCTION

DATE February 04, 2019

PROJECT NUMBER 1816000.000

SHEET TITLE

COVER SHEET

SHEET NUMBER **G1-0**

SYMBOLS

	ELEVATION MARK		SHEATHING
	SECTION MARK 'SIM' - SIMILAR 'OH' - OPPOSITE HAND		PLASTER, GYPSUM WALLBOARD
	ENLARGED PLAN / DETAIL MARK		RIGID INSULATION
	DOOR REFERENCE NUMBER SEE SHEET A8.1		BATT INSULATION
	OFFICE		EARTH
	ROOM NAME & NUMBER C123		GRANULAR
	FLOOR FINISH		CONCRETE
	COLUMN AND GRID NUMBER A		BRICK
	WINDOW REFERENCE NUMBER SEE SHEET A8.1 4		STEEL, IRON
	SOLID GROUT		WOOD
	WOOD DIMENSIONAL		MORTAR NET

ABBREVIATIONS

@	AT	HT	HEIGHT
ACT	ACOUSTICAL TILE	I.B.C.	INSTALLED BY CONTRACTOR
A.F.F.	ABOVE FINISHED FLOOR	JT.	JOINT
ALUM.	ALUMINUM	L.L.	LANDLORD
B/	BOTTOM OF	MAT.	MATERIAL
BD.	BOARD	MAX.	MAXIMUM
BLDG.	BUILDING	MECH.	MECHANICAL
BR	BRICK	MIN.	MINIMUM
BRG	BEARING	MTL.	METAL
CFMF	COLD FORMED METAL FRAMING	NC.	NON-COMBUSTIBLE
C.L.	CENTER LINE	N.I.C.	NOT IN CONTRACT
CLR	CLEAR	N.T.E.	NOT TO EXCEED
C.J.	CONTROL JOINT	N.T.S.	NOT TO SCALE
C.M.U.	CONCRETE MASONRY UNIT	O.D.	OVERFLOW DRAIN
COORD.	COORDINATE	OPP.	OPPOSITE
COL	COLUMN	PL.	PLASTIC LAMINATE
CONC.	CONCRETE	PLYWD.	PLYWOOD
CONT.	CONTINUOUS	PR.	PAIR
-	DIAMETER	P.T.	PRESSURE TREATED
DWG.	DRAWING	O.C.	ON CENTER
D.S.	DOWN SPOUT	R.D.	ROOF DRAIN
EA.	EACH	S.B.O.	SUPPLIED BY OWNER
ELEV.	ELEVATION	SCHED.	SCHEDULE
ELEC.	ELECTRIC	SIM.	SIMILAR
E.S.	EQUIPMENT SUPPLIER	STL.	STEEL
EXP.	EXPANSION	STRUCT.	STRUCTURAL
EXT.	EXTERIOR	T/	TOP OF
E.W.C.	ELECTRIC WATER COOLER	T&G	TONGUE AND GROOVE
F.D.	FLOOR DRAIN	TYP.	TYPICAL
FEC	FIRE EXTINGUISHER CABINET	UNO	UNLESS NOTED OTHERWISE
F.F.	FINISH FLOOR	VERT.	VERTICAL
FL.	FLOOR	VWC	VINYL WALL COVERING
F.O.	FACE OF	W	WIDE
F.O.F.	FACE OF FINISH	W/	WITH
F.O.M.	FACE OF MASONRY	WD.	WOOD
FOIC	FURNISHED BY OWNER INSTALLED BY CONTRACTOR	W.W.F.	WELDED WIRE FABRIC
F.R.	FIRE RETARDANT		
FRAN.	FRANCHISEE		
FRP	FIBERGLASS REINFORCED POLYESTER		
G.C.	GENERAL CONTRACTOR		
GWB	GYPSUM WALL BOARD		
H.M.	HOLLOW METAL		

SHEET LIST - SITE PACKAGE

SHEET NUMBER	Sheet Name	2019-02-19 CONSTRUCTION DOCUMENTS 100%	2019-03-08 GRANT REVIEW DOCUMENTS
G1-0	COVER SHEET	X	X
G-1	CIVIL COVER SHEET	X	X
G-2	CONSTRUCTION RESPONSIBILITY PLAN	X	X
G-3	PARTIAL TOPOGRAPHIC SURVEY	X	X
G-4	SENIOR CENTER SEPTIC DESIGN COVER SHEET	X	X
G-5	SITE PLAN AND LEVEL 3 SOIL SURVEY	X	X
G-6	SEPTIC SYSTEM LAYOUT	X	X
G-7	SEPTIC DESIGN AND COMPONENTS DETAIL	X	X
G-8	PAVILION SEPTIC DESIGN COVER SHEET	X	X
H	SITE PLAN AND LEVEL 3 SOIL SURVEY	X	X
J	SEPTIC SYSTEM LAYOUT	X	X
J	SEPTIC DESIGN AND COMPONENTS DETAIL	X	X
C-0	DEMOLITION PLAN	X	X
C-1	SITE & PAVING PLAN	X	X
C-1.1	ACCESSIBILITY PLAN AND DETAILS	X	X
C-2	GRADING AND DRAINAGE PLAN	X	X
C-2.1	STORM DRAINAGE PROFILES	X	X
C-2.2	STORM DRAINAGE DETAILS	X	X
C-3	UTILITIES PLAN	X	X
C-3.1	SANITARY SEWER PROFILES	X	X
C-4	EROSION, SEDIMENTATION, & POLLUTION CONTROL COVER	X	X
C-4.1	EROSION, SEDIMENTATION, & POLLUTION CONTROL NOTES	X	X
C-4.2	EROSION, SEDIMENTATION, & POLLUTION CONTROL NOTES	X	X
C-4.3	INITIAL EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN	X	X
C-4.4	INTERMEDIATE EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN	X	X
C-4.5	FINAL EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN	X	X
C-4.6	EROSION, SEDIMENTATION, & POLLUTION CONTROL DETAILS	X	X
C-4.7	EROSION, SEDIMENTATION, & POLLUTION CONTROL DETAILS	X	X
C-4.8	EROSION, SEDIMENTATION, & POLLUTION CONTROL DETAILS	X	X
C-5	CONSTRUCTION DETAILS	X	X
C-5.1	CONSTRUCTION DETAILS	X	X
C-6	UTILITY DETAILS	X	X
C-6.1	UTILITY DETAILS	X	X
L-1	LANDSCAPE PLAN	X	X
L-2	LANDSCAPE DETAILS	X	X

PROJECT TEAM

OWNER:
DAWSON COUNTY BOARD OF COMMISSIONERS

25 JUSTICE WAY, SUITE 2223 DAWSONVILLE, GA 30534
PHONE: 706.344.3500 ext. 42223
CONTACT: MELISSA HAWK
EMAIL: mhawk@dawsoncounty.org

CIVIL ENGINEER:
FORESITE GROUP, INC.

3740 DAVINCI CT SUITE 100 PEACHTREE CORNERS, GA 30092
PHONE: 770.368.1399
CONTACT: JACK JOHNSON
EMAIL: jjohnson@fg-inc.net

ARCHITECT:
WAKEFIELD BEASLEY & ASSOCIATES, INC.

5200 AVALON BOULEVARD ALPHARETTA, GEORGIA 30009
PHONE: 770.209.9393
CONTACT: CHRISTIAN SPRINGFIELD
EMAIL: cspringfield@wbassociates.com

GENERAL NOTES

- DO NOT SCALE DRAWINGS - USE DIMENSIONS ONLY. FOR DIMENSIONS NOT SHOWN OR IN QUESTION, CONTRACTOR SHALL REQUEST CLARIFICATION FROM ARCHITECT BEFORE PROCEEDING.
- UNLESS OTHERWISE NOTED, INTERIOR PARTITION DIMENSIONS ARE GIVEN FROM FACE OF METAL STUD FRAMING/CMU TO FACE OF METAL STUD FRAMING/CMU, OR FROM FACE OF METAL STUD FRAMING/CMU TO COLUMN CENTERLINE. EXCEPTION: MILLWORK DETAILS WHERE DIMENSIONS ARE FROM FACE OF FINISH SURFACES (GWB, PLASTER, ETC.).
- ELEVATIONS AND LEVELS ARE SHOWN FROM FINISH FLOOR ELEVATION (F.F.E. 0'-0" = 993.30) TARGET ELEVATIONS ARE BASED ON A "REFERENCE BENCHMARK ELEVATION" - COORDINATE ELEVATION OF FINISHED FLOOR HEIGHT WITH CIVIL AND STRUCTURAL DRAWINGS.
- ELECTRIC PANELS, ALARM BOXES, FIRE EQUIPMENT CABINETS AND OTHER RECESSED BOXES GREATER THAN 16 SQUARE INCHES THAT ARE LOCATED IN RATED WALLS SHALL BE BACKED BY GYPSUM WALLBOARD LAYERS SUFFICIENT TO MAINTAIN THE DESIGNATED RATING. FEC'S MAY BE PROVIDED WITH A RATED CABINET TO MATCH THE DESIGNATED RATING.
- ATTIC ACCESS FROM AN ADJACENT SPACE SHALL BE PROVIDED WHERE THE BELOW ITEMS OCCUR OVER GWB CEILINGS:
 - A. VALVES
 - B. FLOW MEASURING DEVICES
 - C. MIXING BOXES
 - D. POWER OPERATED DAMPERS
 - E. ACCESS PANELS IN DUCTWORK
 - F. VOLUME AND BALANCING DEVICES
 - G. WATER FLOW SWITCHES
 - H. SPRINKLER SYSTEM DRAINS AND TEST CONNECTIONS
 - I. PRESSURE SWITCHES
- PATCH AND REPAIR ALL ITEMS DAMAGED OR ALTERED DURING CONSTRUCTION. ALL PATCHES SHALL BLEND WITH ADJACENT MATERIAL, COLOR, FINISH, AND TEXTURE. ALL EXISTING WORK FURNISHINGS, EQUIPMENT OR MATERIAL TO REMAIN THAT ARE DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.

LOCATION MAP



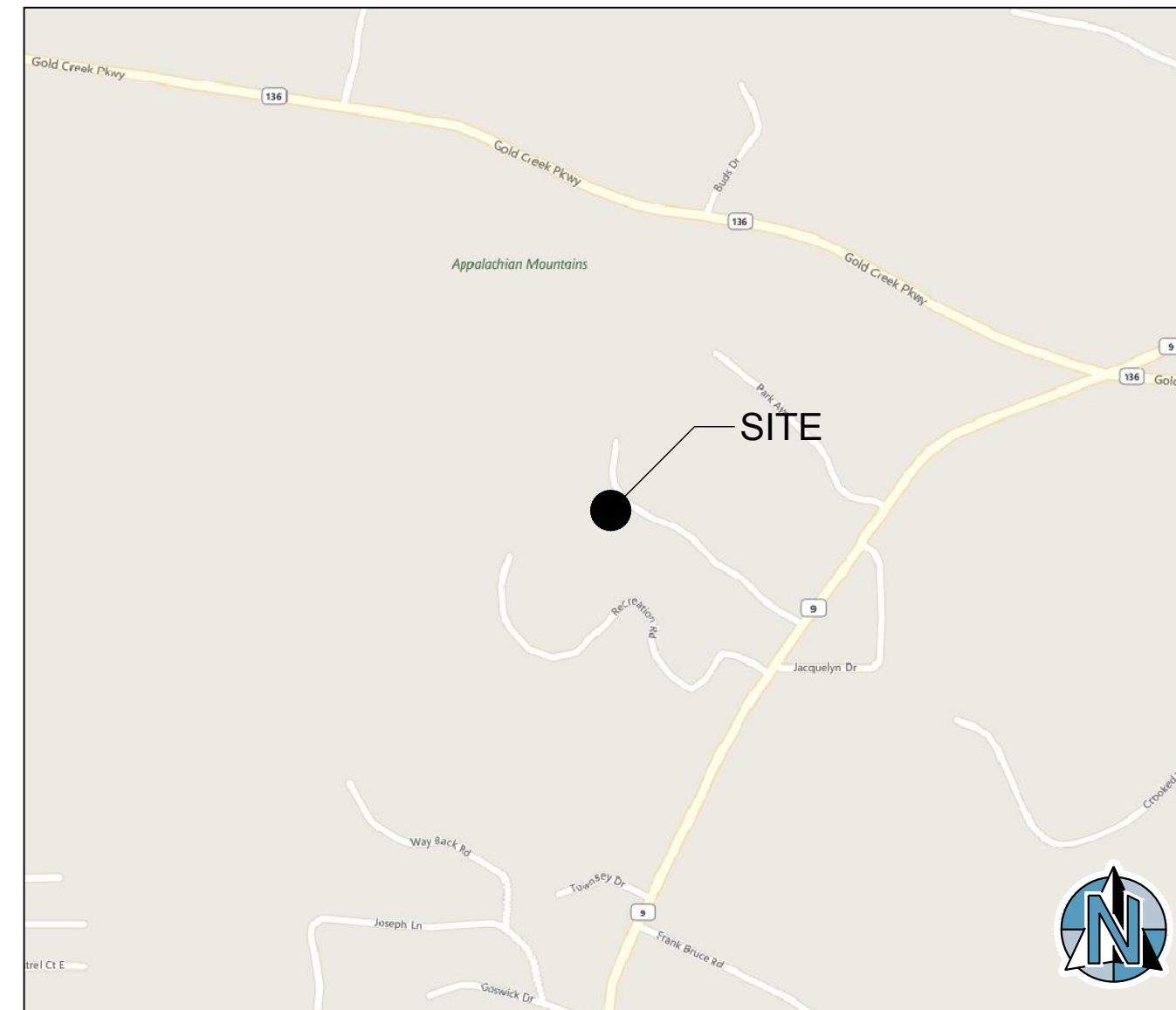
SITE DEVELOPMENT PLANS FOR:

DAWSON COUNTY SENIOR CENTER EXPANSION

201 RECREATION RD
 DAWSONVILLE, GA 30534
 LAND LOTS 248 & 249, 13TH DISTRICT, PARCEL #: 091035
 ZONED: RA

SHEET INDEX

- G-1 COVER
- G-2 CONSTRUCTION RESPONSIBILITY PLAN
- V-1 SURVEY
- C-0 DEMOLITION PLAN
- C-1 SITE & PAVING PLAN
- C-1.1 ACCESSIBILITY PLAN AND DETAILS
- C-2 GRADING AND DRAINAGE PLAN
- C-2.1 STORM DRAINAGE PROFILES
- C-2.2 STORM DRAINAGE DETAILS
- C-3 UTILITIES PLAN
- C-3.1 SANITARY SEWER PROFILES
- C-4 EROSION, SEDIMENTATION, & POLLUTION CONTROL COVER
- C-4.1 EROSION, SEDIMENTATION, & POLLUTION CONTROL NOTES
- C-4.2 EROSION, SEDIMENTATION, & POLLUTION CONTROL NOTES
- C-4.3 INITIAL EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN
- C-4.4 INTERMEDIATE EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN
- C-4.5 FINAL EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN
- C-4.6 EROSION, SEDIMENTATION, & POLLUTION CONTROL DETAILS
- C-4.7 EROSION, SEDIMENTATION, & POLLUTION CONTROL DETAILS
- C-4.8 EROSION, SEDIMENTATION, & POLLUTION CONTROL DETAILS
- C-5 CONSTRUCTION DETAILS
- C-5.1 CONSTRUCTION DETAILS
- C-6 UTILITY DETAILS
- C-6.1 UTILITY DETAILS
- L-1 LANDSCAPE PLAN
- L-2 LANDSCAPE DETAILS



VICINITY MAP
NOT TO SCALE

SITE DISTURBED AREA = 7.5 AC.

PROJECT DIRECTORY

OWNER
 DAWSON COUNTY BOARD OF COMMISSIONER
 25 JUSTICE WAY, SUITE 2223
 DAWSONVILLE, GA 30534
 (706) 344-3500
 CONTACT: MELISSA HAWK

CIVIL ENGINEER
 FORESITE GROUP, INC.
 3740 DAVINCI COURT, SUITE 100
 PEACHTREE CORNERS, GA 30092
 (770) 344-3700
 CONTACT: DAWN PRUETT

ARCHITECT
 ERIC PEEK
 5200 AVOLON BLVD
 ALPHARETTA, GA 30009
 (770) 209-9393
 CONTACT: WAKEFIELD BEASLEY & ASSCIATES, INC.

SURVEYOR
 GEOSURVEY, LTD
 1660 BARNES MILL RD
 MARIETTA, GA 30062
 (770) 795-9900
 CONTACT: JOHN NEWMAN

GEOTECHNICAL ENGINEER
 GEOHYDRO ENGINEERS
 1000 COBB PLACE BLVD, SUITE 290
 KENNESAW, GA 30144
 (770) 426.7100
 CONTACT: A. MARTY PENINGER

UTILITY PROVIDERS

WATER SERVICE PROVIDER
 ETOWAH WATER AND SEWER AUTHORITY
 1162 HWY 53 E
 DAWSONVILLE, GA 30534
 (706) 216-8474
 CONTACT: JOHN CORAN

SANITARY SEWER SERVICE PROVIDER
 ETOWAH WATER AND SEWER
 1162 HWY 53 E
 DAWSONVILLE, GA 30534
 (706) 216-8474
 CONTACT: JOHN CORAN

ELECTRICAL SERVICE PROVIDER
 GEORGIA POWER COMPANY
 823 JEFFERSON ST.
 ATLANTA, GA 30318
 (404) 506-4569
 CONTACT: IKE COLLINS

GAS SERVICE PROVIDER
 SOUTHEN COMPANY GAS
 10 PEACHTREE ST. NE
 ATLANTA, GA 30309
 (404) 584-4338
 CONTACT: HAYDEN HINTON

TELEPHONE SERVICE PROVIDER
 WINDSTREAM COMMUNICATION
 750 N. JEFFERSON ST. NE
 MILLEDGEVILLE, GA 31061
 (888) 599-3166

LOCAL MUNICIPALITY
 DAWSON COUNTY
 25 JUSTICE WAY, SUITE 2223
 DAWSONVILLE, GA 30534
 (706) 344-3500
 CONTACT: JASON STREETMAN



PREPARED BY:



Foresite Group, Inc. w | www.fg-inc.net
 3740 Davinci Ct. o | 770.368.1399
 Suite 100 f | 770.368.1944
 Peachtree Corners, GA 30092

24 HR CONTACT:
 DAVID MCGHEE
 (706) 344-3501

ISSUED:
 MARCH 28, 2018
 121.029

CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY UPON COMPLETION OF INITIAL EROSION BMP'S AS SHOWN ON SHEET C-4 IN ORDER FOR ENGINEER TO SCHEDULE THE INITIAL 7 DAY EROSION CONTROL INSPECTION. THE CONTRACTOR SHALL VERIFY THAT ALL EXISTING INITIAL BMP'S ARE INSTALLED PROPERLY. ALL COMPENSATION FOR DESIGN ENGINEER'S REINSPECTION TO VERIFY THAT THE INITIAL BMP'S ARE PROPERLY INSTALLED WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

ANTICIPATED ACTIVITY SCHEDULE						
BEGIN CONSTRUCTION:		2019-04-01				
END CONSTRUCTION:		2020-04-01				
ACTIVITY	2.0 MTH	4.0 MTH	6.0 MTH	8.0 MTH	10.0 MTH	12.0 MTH
1	INSTALL SEDIMENT CONTROLS					
2	DEMOLITION					
3	CLEARING, GRUBBING & GRADING					
4	GRASS TEMP.					
5	BUILDING CONSTRUCTION					
6	MAINTAIN EROSION CONTROL					
7	PAVING					
8	FINAL LANDSCAPING					
9	DISPOSITION OF TEMP. SEDIMENT CONTROLS					

CERTIFICATION STATEMENT:

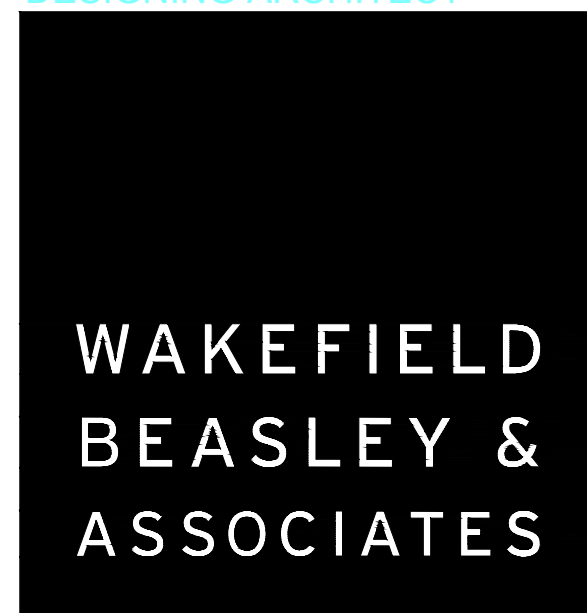
"I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF THE BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001. ADDITIONALLY, I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION."

Jack McGowan Johnson 3/08/19
 SIGNATURE OF ENGINEER DATE
 00000608027 2019-03-24
 CERTIFICATION # EXPIRATION

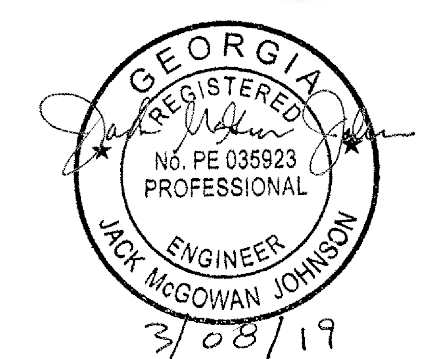
"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT CERTIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

SIGNATURE OF PRIMARY PERMITTEE DATE
 AS USED HEREIN, THE WORD CERTIFY SHALL MEAN AN EXPRESSION OF THE CONSULTANT'S PROFESSIONAL OPINION TO THE BEST OF ITS INFORMATION, KNOWLEDGE, AND BELIEF, AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE BY THE CONSULTANT.

DESIGNING ARCHITECT



A NELSON Company
 ARCHITECT OF RECORD
NELSON
 Nelco Architecture, Inc.
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DAWSON COUNTY SENIOR CENTER AND PAVILION
 201 RECREATION RD
 DAWSONVILLE, GA 30534

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Print Record
 2019-01-14 SCHEMATIC DESIGN PACKAGE
 2019-02-04 BID PACKAGE
 2019-03-08 GRANT REVIEW DOCUMENTS

Revisions

No.	Date	Description

RELEASED FOR CONSTRUCTION

DATE
 PROJECT NUMBER
 SHEET TITLE
COVER
 SHEET NUMBER
G-1

3/07/2019 8:14:28 PM SHEET NAME: COVER SHEET NUMBER: G-1 PROJECT NAME: DAWSON COUNTY SENIOR CENTER EXPANSION FILENAME: F:\121.029 Dawson Senior Center - Dawson County, GADW/GC-1 Cover.dwg

SITE PHOTOGRAPHS



AERIAL IMAGE



VICINITY MAP



GENERAL NOTES

THIS SURVEY HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE PERSON OR ENTITIES NAMED HEREON. NO EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE INFORMATION SHOWN HEREON IS TO BE EXTENDED TO ANY PERSONS OR ENTITIES OTHER THAN THOSE SHOWN HEREON.

THIS SURVEY HAS BEEN PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE INSPECTION REPORT. EASEMENTS OR OTHER ENCUMBRANCES MAY EXIST ON PUBLIC RECORD BUT NOT BE SHOWN HEREON.

PLEASE NOTE: GEOSURVEY, LTD., ASSUMES NO LIABILITY REGARDING THE ACCURACY OR LOCATION OF PROPERTY LINES SHOWN HEREON. PROPERTY LINE INFORMATION IS SHOWN AS APPROXIMATE BASED ON DEED BOOK 672, PAGE 296; DEED BOOK 685, PAGE 25; AND MONUMENTS FOUND ON SITE. NO BOUNDARY SURVEY WAS PERFORMED BY GEOSURVEY, LTD.

THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA BASED ON THE FLOOD INSURANCE RATE MAP FOR THIS AREA. THE MAP NUMBER FOR THIS AREA IS 130500303S AND THE DATE OF SAD MAP IS APRIL 4, 2015. THIS DETERMINATION WAS MADE BY GRAPHICALLY DETERMINING THE POSITION OF THIS SITE ON SAID FIRM MAPS UNLESS OTHERWISE NOTED.

THE DATUM FOR THIS SITE WAS ESTABLISHED UTILIZING GLOBAL POSITIONING SYSTEMS, AND BASED ON POSITIONAL VALUES FOR THE VERTICAL REFERENCE STATION NETWORK DEVELOPED BY GPS SOLUTIONS. THE HORIZONTAL REFERENCE FRAME IS NORTH AMERICAN DATUM OF 1983(2011)-STATE PLANE COORDINATE SYSTEM OF GEORGIA-WEST ZONE. THE VERTICAL REFERENCE FRAME IS NORTH AMERICAN VERTICAL DATUM OF 1988. ANY DIRECTIONS OR DIMENSIONS SHOWN ARE A RECTANGULAR GROUND LEVEL PROJECTION OF THE STATE PLANE COORDINATE SYSTEM.

PLEASE NOTE: TREES 8-INCH DBH (DIAMETER AT BREAST HEIGHT) AND LARGER WERE LOCATED FOR THIS SURVEY.

THE SITE IS ZONED "RA" (RESIDENTIAL-AGRICULTURAL DISTRICT) & "PCS" (PLANNED CONSERVATION SUBDIVISION DISTRICT) AS SHOWN ON THE ZONING MAPS OF THE CITY OF DAWSONVILLE AND DAWSON COUNTY.

PLEASE NOTE: ZONING AND SETBACKS SHOULD BE CONFIRMED AND VERIFIED BY PLANNING AND ZONING PRIOR TO DESIGN OR CONSTRUCTION ACTIVITIES.

SURVEY REFERENCES
1- BOUNDARY SURVEY FOR DAWSON COUNTY, PREPARED BY LANDMARK DESIGN ASSOCIATES, RECORDED AS AN EXHIBIT IN DEED BOOK 885, PAGE 25.

UTILITY NOTE

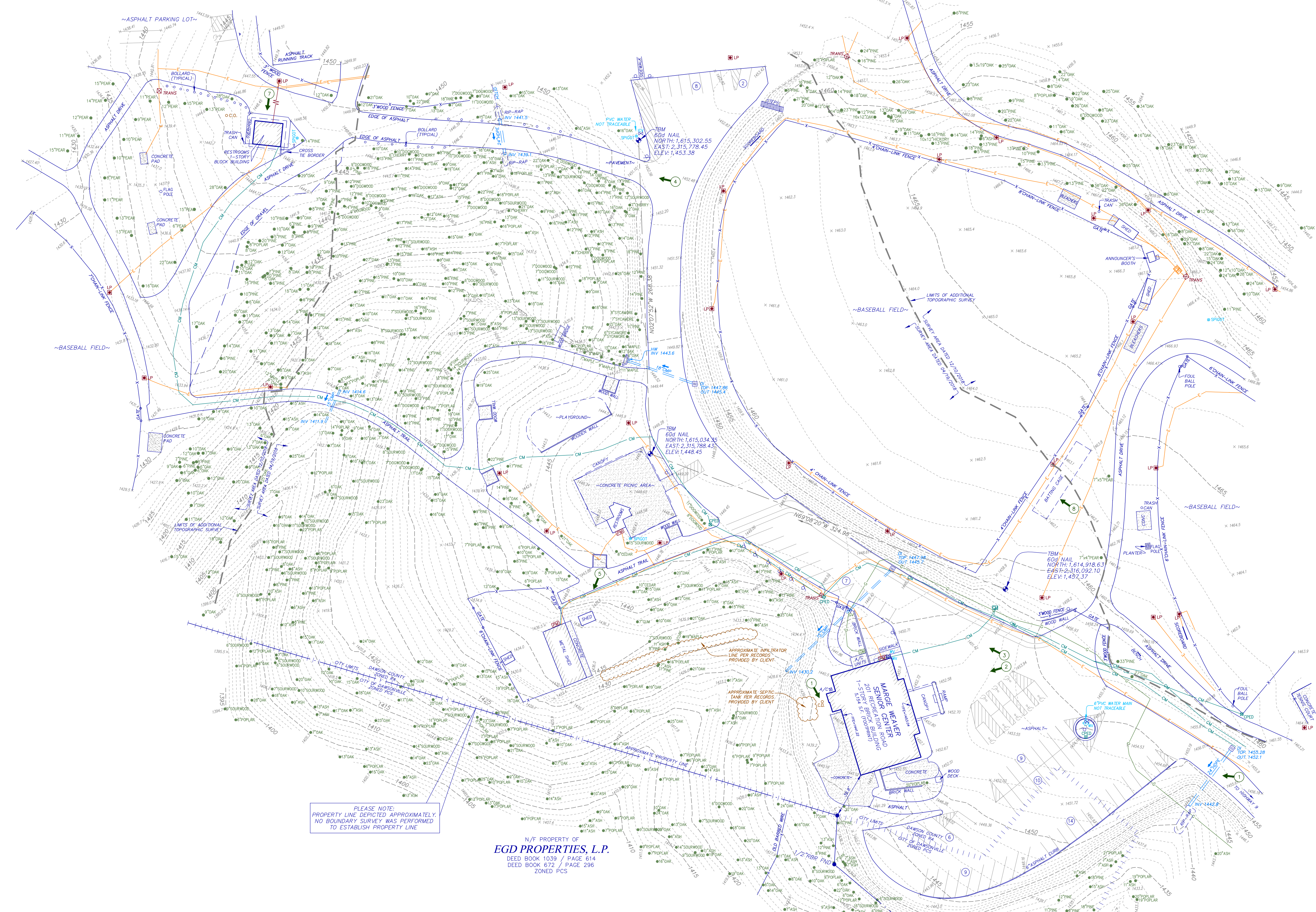
THE UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON LOCATION OF MARKINGS PROVIDED BY:

UTILISURVEY, LLC
154 GRANT ROAD
FAYETTEVILLE, GA 30215

THE UNDERGROUND UTILITIES (EXCEPT THE LOCATION OF EXISTING DRAINAGE, SEWER AND IRRIGATION UTILITIES AS WELL AS UNDERGROUND STORAGE TANKS) WERE LOCATED BY UTILISURVEY, LLC, UTILIZING RADIO FREQUENCY TECHNIQUE. THIS TECHNIQUE IS CAPABLE OF LOCATING METALLIC UTILITIES AND TRACER WIRES. ANY NON-METALLIC UTILITIES (WITHOUT TRACER WIRE) ARE NOT LOCATED.

THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. UNDERGROUND UTILITIES NOT OBSERVED OR LOCATED UTILIZING THIS TECHNIQUE MAY EXIST ON THIS SITE BUT NOT BE SHOWN, AND MAY BE FOUND UPON EXCAVATION. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

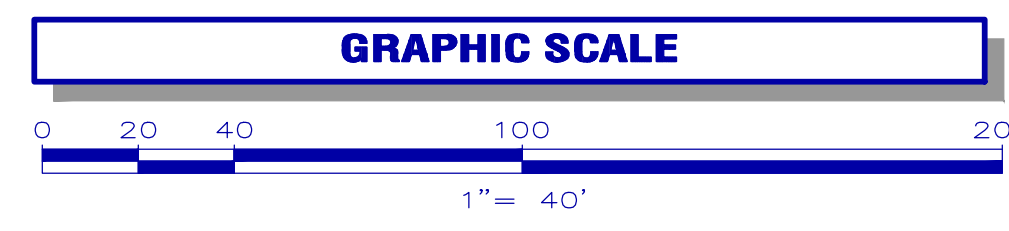
INFORMATION REGARDING MATERIAL AND SIZE OF UTILITIES IS BASED ON RECORDS ACQUIRED FROM THE UTILITY OWNERS.



PLEASE NOTE: PROPERTY LINE DEPICTED APPROXIMATELY. NO BOUNDARY SURVEY WAS PERFORMED TO ESTABLISH PROPERTY LINE.

N/E PROPERTY OF
EGD PROPERTIES, L.P.
DEED BOOK 1039 / PAGE 614
DEED BOOK 672 / PAGE 296
ZONED PCS

LEGEND	
STANDARD ABBREVIATIONS	STANDARD SYMBOLS
AC AIR CONDITIONER	OT OVERHEAD TRAFFIC SIGNAL LIGHT
BH BORE HOLE	PP POWER POLE
BSL BUILDING SETBACK LINE	GW GUY WIRE
CM CORRUGATED METAL PIPE	PL POWER LINE
CMP CONCRETE MONUMENT FND	LP LIGHT POLE
CO SANITARY CLEANOUT	ET ELECTRIC TRANSFORMER
CPED COMMUNICATION PEDESTAL	
CTP CURBED TOP PIPE	
DI DUCTILE IRON PIPE	
DWB DOUBLE WING CATCH BASIN	
FND FOUND	
FNC GAS METER	
INV INVERT	
JB JUNCTION BOX	
MH MANHOLE	
OCS OUTLET CONTROL STRUCTURE	
OTF OPEN TOP PIPE	
PM POWER METER	
PK PK. NAIL SET	
POB POINT OF BEGINNING	
POC POINT OF COMMENCEMENT	
RPC REINFORCED CONCRETE PIPE	
RFB RIB REINFORCING BAR	
RBS 5/8"RIB SET CAPPED LSF 621	
SS SANITARY SEWER	
SWB SINGLE WING CATCH BASIN	
TRANS ELECTRIC TRANSFORMER	
	OT OVERHEAD TRAFFIC SIGNAL LIGHT
	PP POWER POLE
	GW GUY WIRE
	PL POWER LINE
	LP LIGHT POLE
	ET ELECTRIC TRANSFORMER
	VA WATER VAULT
	GV GAS VALVE
	GM GAS METER
	WV WATER VALVE
	WM WATER METER
	FE FIRE HYDRANT
	UE UNDERGROUND ELECTRIC LINE
	UG UNDERGROUND GAS LINE
	UC UNDERGROUND COMMUNICATION LINE
	UW UNDERGROUND WATER LINE
	PI PHOTO POSITION INDICATOR
	RP REGULAR PARKING SPACE COUNT
	HS HANDICAP PARKING SPACE
	SI SIGN POSITION INDICATOR



CLOSURE STATEMENT

THE FIELD CLOSURE UPON WHICH THIS PLAN IS BASED HAS A CLOSURE PRECISION OF ONE FOOT IN 250,000, AND WAS ADJUSTED USING THE LEAST SQUARES METHOD. A TRIMBLE S-6 TOTAL STATION AND TRIMBLE PSC-3 DATA COLLECTOR WERE USED TO COLLECT THIS FIELD DATA.

IF YOU DIG

811 Know what's below. Call before you dig. Dial 811 Or Call 800-282-7411

GeoSurvey, Ltd.

Land Surveying • 3D Laser Scanning

1660 Barnes Mill Road
Marietta, Georgia 30062

Phone: (770) 795-9900
Fax: (770) 795-8880

www.geosurvey.com
EMAIL: info@geosurvey.com
Certificate of Authorization #LSF-000621

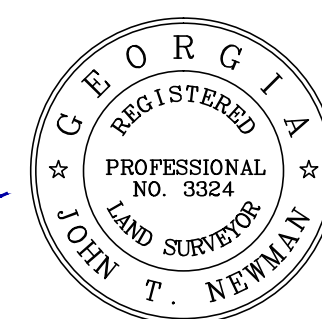
PARTIAL TOPOGRAPHIC SURVEY OF

Veterans Memorial Park

FOR

Dawson County Parks And Recreation

GS JOB NO:	20185781	DRAWING SCALE:	1" = 40'	SURVEY DATE:	04-19-2018
FIELD WORK:	CM	CITY:	DAWSONVILLE & UNINCORPORATED	REVISIONS:	
PROJ. MGR.:	JTN	COUNTY:	DAWSON STATE: GA	No. Date Description	
REVIEWED:	JRC	LAND LOT:	248 & 249	1. 12-10-18 Add two additional survey areas	
DWG FILE:	20185781-01.dwg	DISTRICT:	137H		





**DAWSON
COUNTY
SENIOR
CENTER
AND PAVILION**
201 RECREATION RD
DAWSONVILLE, GA 30534

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2019-03-08 GRANT REVIEW DOCUMENTS

Revisions

No.	Date	Description

RELEASED FOR CONSTRUCTION

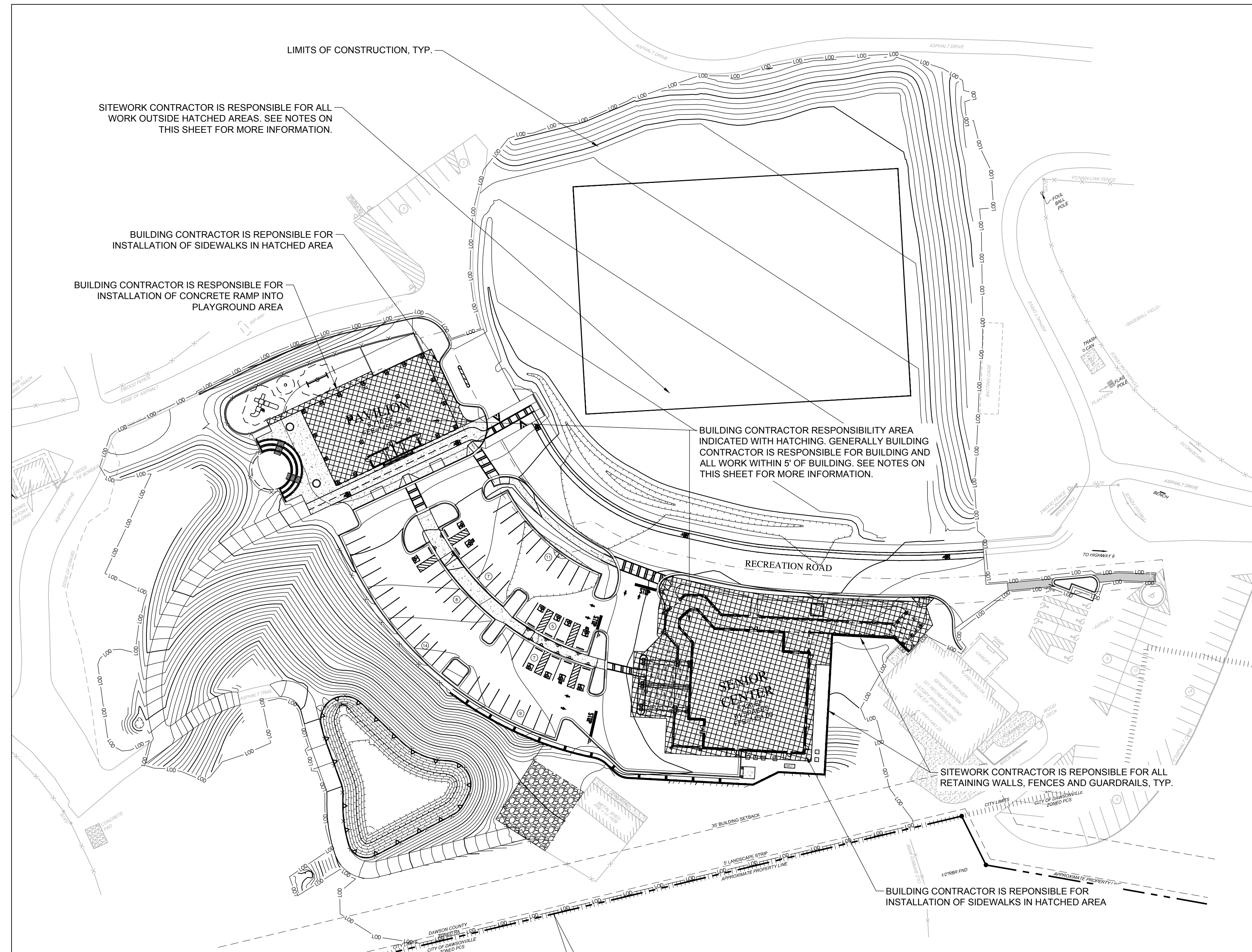
DATE

PROJECT NUMBER

SHEET TITLE
**CONSTRUCTION
RESPONSIBILITY
PLAN**

SHEET NUMBER

G-2



CONTRACTOR RESPONSIBILITY NOTES:

SITWORK CONTRACTOR RESPONSIBILITIES:

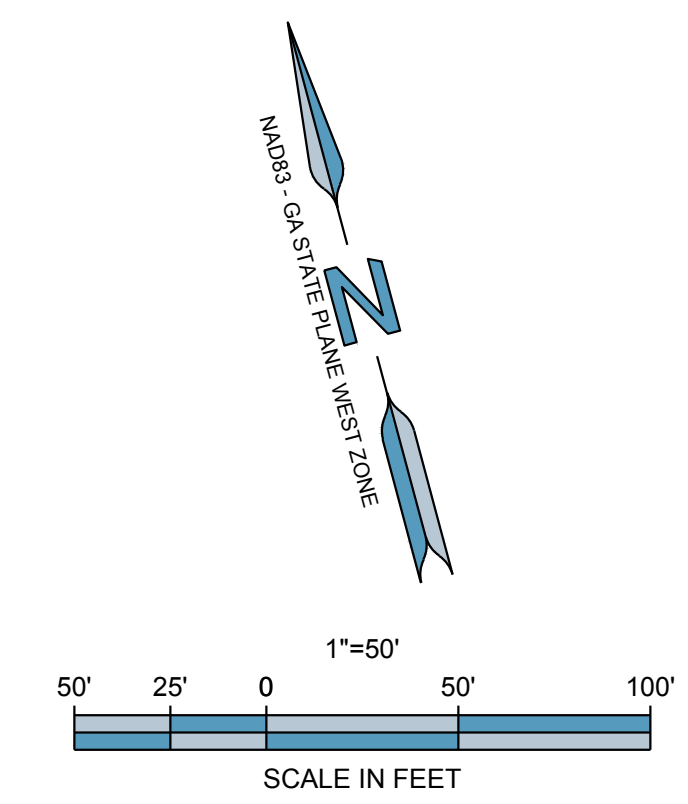
1. ALL DEMOLITION.
2. ALL GRADING, EARTHWORK, STORMWATER MANAGEMENT AND DRAINAGE INFRASTRUCTURE INCLUDING ROOF DRAINS STUBBED AT 5' OUTSIDE THE BUILDING ENVELOPE.
3. SITEWORK CONTRACTOR IS RESPONSIBLE TO BRING THE BUILDING PADS TO GRADE IN ACCORDANCE WITH THE REPORT OF SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING PREPARED BY GEOHYDRO ENGINEERS, DATED APRIL 3, 2018.
4. ALL UTILITIES STUBBED AT 5' OUTSIDE BUILDING ENVELOPE (INCLUDING UNDERGROUND ROOF DRAINAGE LINES). SITE WORK CONTRACTOR IS RESPONSIBLE FOR ALL COSTS AND COORDINATION WITH UTILITY PROVIDERS FOR INSTALLATION OF SERVICES, RELOCATION AND/OR MODIFICATION OF SERVICES.
5. SITEWORK CONTRACTOR IS RESPONSIBLE FOR TRANSFORMER PAD, BUILDING CONTRACTOR RESPONSIBLE FOR ALL OTHER BUILDING UTILITY EQUIPMENT PADS, SEE NOTES BELOW.
6. ALL RETAINING WALLS, FENCES AND GUARDRAILS (SEE BUILDING STRUCTURAL PLANS FOR FENCE CONNECTION DETAIL TO TOP OF RETAINING WALL).
7. ALL PLAYGROUND INFRASTRUCTURE UNLESS OTHERWISE NOTED HERE ON.
8. ALL AMPHITHEATER INFRASTRUCTURE.
9. ALL CURB AND GUTTER.
10. ALL CONCRETE SIDEWALK, UNLESS OTHERWISE NOTED IN THE RESPONSIBILITY EXHIBIT.
11. ALL ROADWAY, TRAIL, AND PARKING LOT ASPHALT PAVING TO THE BINDER COURSE OF ASPHALT. THE BUILDING CONTRACTOR WILL BE RESPONSIBLE TO INSTALL THE FINISH COURSE OF ASPHALT AT THE COMPLETION OF CONSTRUCTION.
12. ALL LANDSCAPING AND IRRIGATION.
13. ALL PAVEMENT STRIPING AND SIGNAGE.
14. REPLACEMENT OF ANY IMPROVEMENTS INSTALLED BY THE BUILDING CONTRACTOR THAT ARE DAMAGED BY SITEWORK CONTRACTOR DURING CONSTRUCTION.
15. ALL OTHER SITEWORK INDICATED IN THE PLANS AND SPECIFICATIONS NOT COVERED BY THE BUILDING CONTRACTOR.

BUILDING CONTRACTOR RESPONSIBILITIES:

1. COMPLETE BUILDING PER BUILDING PLANS.
2. UTILITY CONNECTIONS TO BUILDING.
3. HVAC AND OTHER EQUIPMENT PADS EXCEPT TRANSFORMER PAD. SEE NOTES ABOVE.
4. DOWNSPOUT CONNECTIONS TO UNDERGROUND ROOF DRAINAGE LINES.
5. CONCRETE PAVEMENT IN PORTE COCHERE AREA.
6. PORTIONS OF CONCRETE SIDEWALK INDICATED IN THE RESPONSIBILITY EXHIBIT.
7. INSTALLATION THE FINISH COURSE OF ASPHALT AT THE COMPLETION OF CONSTRUCTION.
8. REPLACEMENT OF ANY SIDEWALK, CURBS OR OTHER IMPROVEMENTS INSTALLED BY THE SITEWORK CONTRACTOR THAT ARE DAMAGED BY BUILDING CONTRACTOR DURING CONSTRUCTION.

SHEET NAME:

FILENAME: F:\121 029 Dawson Senior Center - Dawson County - CAD\DWG-2 Responsibility Plan.dwg



3/06/2019 11:01 AM
SHEET NAME: DEMOLITION PLAN SHEET NUMBER: C-0 PROJECT NAME: DAWSON COUNTY SENIOR CENTER EXPANSION
FILENAME: F:\121 029 Dawson Senior Center - Dawson County, GA\DWG\C-0 Demolition Plan.dwg

GENERAL NOTES:

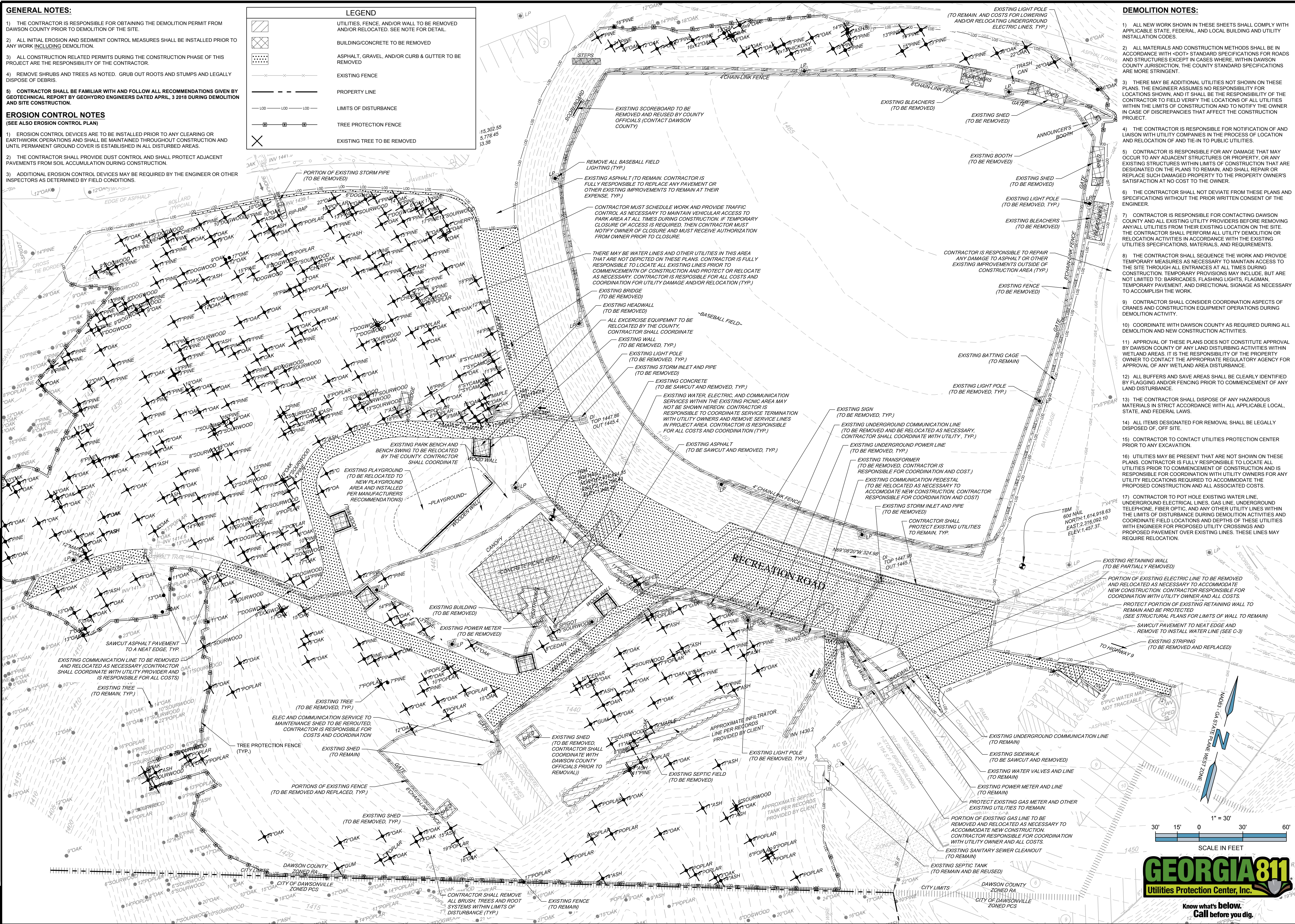
- 1) THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE DEMOLITION PERMIT FROM DAWSON COUNTY PRIOR TO DEMOLITION OF THE SITE.
- 2) ALL INITIAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY WORK INCLUDING DEMOLITION.
- 3) ALL CONSTRUCTION RELATED PERMITS DURING THE CONSTRUCTION PHASE OF THIS PROJECT ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- 4) REMOVE SHRUBS AND TREES AS NOTED. GRUB OUT ROOTS AND STUMPS AND LEGALLY DISPOSE OF DEBRIS.
- 5) CONTRACTOR SHALL BE FAMILIAR WITH AND FOLLOW ALL RECOMMENDATIONS GIVEN BY GEOTECHNICAL REPORT BY GEOHYDRO ENGINEERS DATED APRIL, 3 2018 DURING DEMOLITION AND SITE CONSTRUCTION.

EROSION CONTROL NOTES
(SEE ALSO EROSION CONTROL PLAN)

- 1) EROSION CONTROL DEVICES ARE TO BE INSTALLED PRIOR TO ANY CLEARING OR EARTHWORK OPERATIONS AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND UNTIL PERMANENT GROUND COVER IS ESTABLISHED IN ALL DISTURBED AREAS.
- 2) THE CONTRACTOR SHALL PROVIDE DUST CONTROL AND SHALL PROTECT ADJACENT PAVEMENTS FROM SOIL ACCUMULATION DURING CONSTRUCTION.
- 3) ADDITIONAL EROSION CONTROL DEVICES MAY BE REQUIRED BY THE ENGINEER OR OTHER INSPECTORS AS DETERMINED BY FIELD CONDITIONS.

LEGEND

	UTILITIES, FENCE, AND/OR WALL TO BE REMOVED AND/OR RELOCATED. SEE NOTE FOR DETAIL.
	BUILDING/CONCRETE TO BE REMOVED
	ASPHALT, GRAVEL, AND/OR CURB & GUTTER TO BE REMOVED
	EXISTING FENCE
	PROPERTY LINE
	LIMITS OF DISTURBANCE
	TREE PROTECTION FENCE
	EXISTING TREE TO BE REMOVED



DEMOLITION NOTES:

- 1) ALL NEW WORK SHOWN IN THESE SHEETS SHALL COMPLY WITH APPLICABLE STATE, FEDERAL, AND LOCAL BUILDING AND UTILITY INSTALLATION CODES.
- 2) ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH <DOT> STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES EXCEPT IN CASES WHERE, WITHIN DAWSON COUNTY JURISDICTION, THE COUNTY STANDARD SPECIFICATIONS ARE MORE STRINGENT.
- 3) THERE MAY BE ADDITIONAL UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR LOCATIONS SHOWN, AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF CONSTRUCTION AND TO NOTIFY THE OWNER IN CASE OF DISCREPANCIES THAT AFFECT THE CONSTRUCTION PROJECT.
- 4) THE CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION OF AND LIAISON WITH UTILITY COMPANIES IN THE PROCESS OF LOCATION AND RELOCATION OF AND TIE-IN TO PUBLIC UTILITIES.
- 5) CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE THAT MAY OCCUR TO ANY ADJACENT STRUCTURES OR PROPERTY, OR ANY EXISTING STRUCTURES UNDER LIMITS OF CONSTRUCTION THAT ARE DESIGNATED ON THE PLANS TO REMAIN, AND SHALL REPAIR OR REPLACE SUCH DAMAGED PROPERTY TO THE PROPERTY OWNERS SATISFACTION AT NO COST TO THE OWNER.
- 6) THE CONTRACTOR SHALL NOT DEVIATE FROM THESE PLANS AND SPECIFICATIONS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ENGINEER.
- 7) CONTRACTOR IS RESPONSIBLE FOR CONTACTING DAWSON COUNTY AND ALL EXISTING UTILITY PROVIDERS BEFORE REMOVING ANY UTILITIES FROM THEIR EXISTING LOCATION ON THE SITE. THE CONTRACTOR SHALL PERFORM ALL UTILITY DEMOLITION OR RELOCATION ACTIVITIES IN ACCORDANCE WITH THE EXISTING UTILITIES SPECIFICATIONS, MATERIALS, AND REQUIREMENTS.
- 8) THE CONTRACTOR SHALL SEQUENCE THE WORK AND PROVIDE TEMPORARY MEASURES AS NECESSARY TO MAINTAIN ACCESS TO THE SITE THROUGH ALL ENTRANCES AT ALL TIMES DURING CONSTRUCTION. TEMPORARY PROVISIONS MAY INCLUDE, BUT ARE NOT LIMITED TO BARRICADES, FLASHING LIGHTS, FLAGMAN, TEMPORARY PAVEMENT, AND DIRECTIONAL SIGNAGE AS NECESSARY TO ACCOMPLISH THE WORK.
- 9) CONTRACTOR SHALL CONSIDER COORDINATION ASPECTS OF CRANES AND CONSTRUCTION EQUIPMENT OPERATIONS DURING DEMOLITION ACTIVITY.
- 10) COORDINATE WITH DAWSON COUNTY AS REQUIRED DURING ALL DEMOLITION AND NEW CONSTRUCTION ACTIVITIES.
- 11) APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL BY DAWSON COUNTY OF ANY LAND DISTURBING ACTIVITIES WITHIN WETLAND AREAS. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONTACT THE APPROPRIATE REGULATORY AGENCY FOR APPROVAL OF ANY WETLAND AREA DISTURBANCE.
- 12) ALL BUFFERS AND SAVE AREAS SHALL BE CLEARLY IDENTIFIED BY FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
- 13) THE CONTRACTOR SHALL DISPOSE OF ANY HAZARDOUS MATERIALS IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS.
- 14) ALL ITEMS DESIGNATED FOR REMOVAL SHALL BE LEGALLY DISPOSED OF, OFF SITE.
- 15) CONTRACTOR TO CONTACT UTILITIES PROTECTION CENTER PRIOR TO ANY EXCAVATION.
- 16) UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THESE PLANS. CONTRACTOR IS FULLY RESPONSIBLE TO LOCATE ALL UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION AND IS RESPONSIBLE FOR COORDINATION WITH UTILITY OWNERS FOR ANY UTILITY RELOCATIONS REQUIRED TO ACCOMMODATE THE PROPOSED CONSTRUCTION AND ALL ASSOCIATED COSTS.
- 17) CONTRACTOR TO POT HOLE EXISTING WATER LINE, UNDERGROUND ELECTRICAL LINES, GAS LINE, UNDERGROUND TELEPHONE, FIBER OPTIC, AND ANY OTHER UTILITY LINES WITHIN THE LIMITS OF DISTURBANCE DURING DEMOLITION ACTIVITIES AND COORDINATE FIELD LOCATIONS AND DEPTHS OF THESE UTILITIES WITH ENGINEER FOR PROPOSED UTILITY CROSSINGS AND PROPOSED PAVEMENT OVER EXISTING LINES. THESE LINES MAY REQUIRE RELOCATION.

DESIGNING ARCHITECT

WAKEFIELD BEASLEY & ASSOCIATES

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DAWSON COUNTY SENIOR CENTER AND PAVILION

201 RECREATION RD
DAWSONVILLE, GA 30534

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Print Record
2019-01-14 SCHEMATIC DESIGN PACKAGE
2019-02-04 BID PACKAGE
2019-03-08 GRANT REVIEW DOCUMENTS

Revisions

No.	Date	Description

RELEASED FOR CONSTRUCTION

DATE
PROJECT NUMBER
SHEET TITLE

DEMOLITION PLAN

SHEET NUMBER
C-0

1" = 30'

3/08/2018 10:30:44 AM
SHEET NAME: SITE & PAVING PLAN
PROJECT NAME: DAWSON COUNTY SENIOR CENTER EXPANSION
FILENAME: F:\121 029 Dawson Senior Center - Dawson County, GA\DWGC-1 Site & Paving Plan.dwg

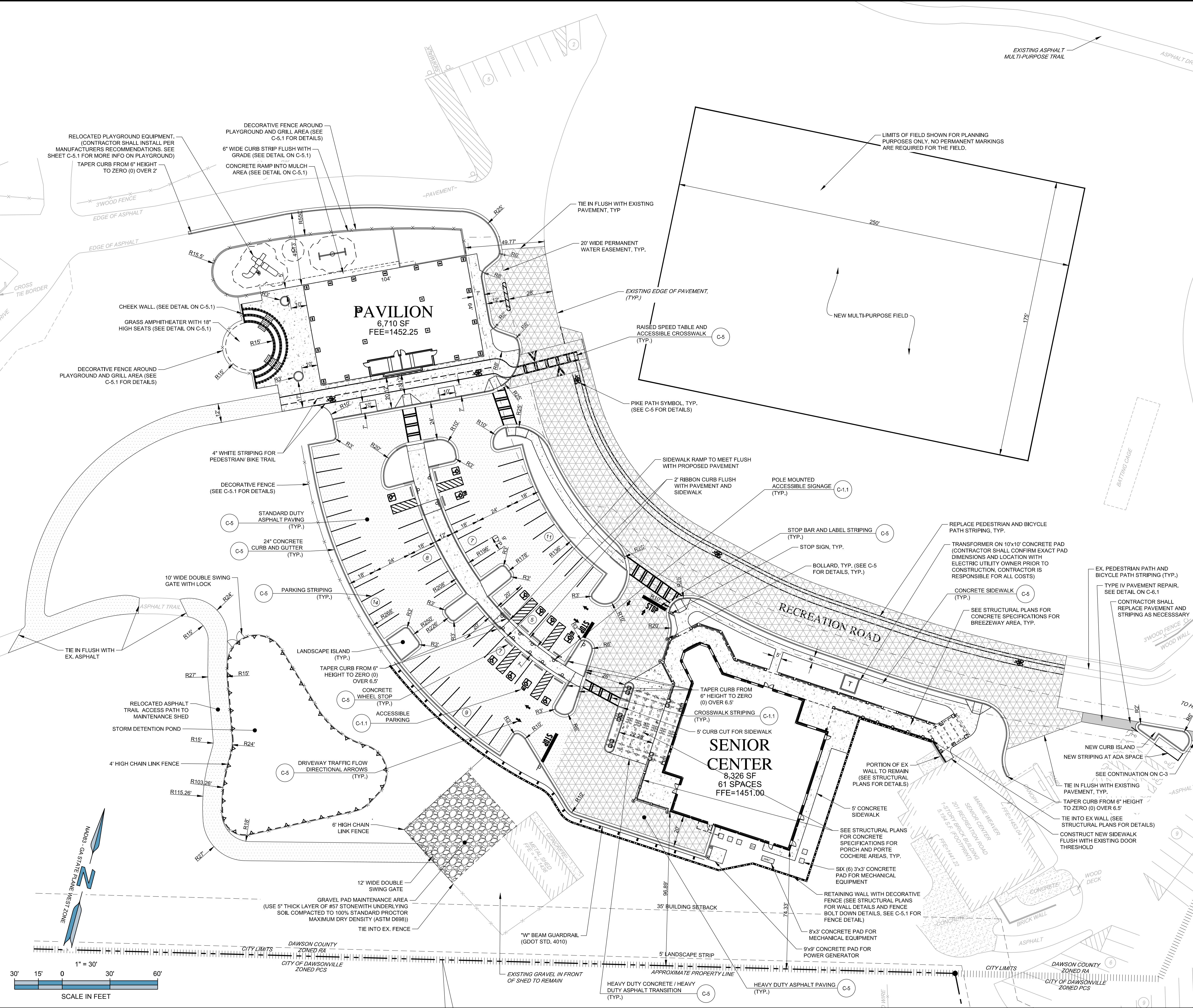
- ### GENERAL NOTES:
- 1) ALL PROPOSED DIMENSIONS USED TO SHOW THE GEOMETRIC LAYOUT OF THE PROPOSED PARKING LOT ARE SHOWN AT THE FACE OF CURB. ALL PROPOSED DIMENSIONS USED TO SHOW THE GEOMETRIC LAYOUT OF THE PROPOSED BUILDING LOCATION ARE GIVEN AT THE OUTSIDE FACE OF THE BUILDING CORNERS. ALL CURB RADII ARE GIVEN AT THE FACE OF CURB.
 - 2) CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS IN THE FIELD AND THE SURVEY SHOWN ON THE PLANS BEFORE PROCEEDING WITH ANY NEW CONSTRUCTION.
 - 3) CONTRACTOR IS RESPONSIBLE FOR CORRECT HORIZONTAL AND VERTICAL ALIGNMENT OF ALL TIES BETWEEN PROPOSED AND EXISTING PAVEMENTS, CURB AND GUTTER, SIDEWALKS, WALLS, AND UTILITIES.
- ### SITE NOTES:
- 1) TRACT IS ZONED: RA (RESIDENTIAL EXURBAN/AGRICULTURAL)
 - 2) SEE ARCHITECTURAL PLANS FOR BUILDING FLOOR PLAN DIMENSIONS, DOOR LOCATIONS, SITE LIGHTING PLAN, AND OTHER ARCHITECTURAL DETAILS.
 - 3) NO CERTIFICATE OF OCCUPANCY WILL BE ISSUED UNTIL ALL SITE IMPROVEMENTS HAVE BEEN COMPLETED ON THE SITE.
 - 4) ALL BUFFERS, TREE SAVE AREAS, AND UNDISTURBED AREAS SHALL BE CLEARLY IDENTIFIED BY FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
 - 5) SIGNS (LOCATION, NUMBER, AND SIZE) ARE NOT APPROVED UNDER THIS DEVELOPMENT PERMIT. A SEPARATE PERMIT IS REQUIRED FOR ON-SITE SIGNAGE.
 - 6) ALL CONSTRUCTION RELATED PERMITS DURING THE CONSTRUCTION PHASE OF THIS PROJECT ARE THE RESPONSIBILITY OF THE OWNER, HOWEVER A CONTRACTOR/DEVELOPER CAN DO PERMITTING WITH AGENT AUTHORIZATION.
 - 7) ALL EROSION, SEDIMENT CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY GRADING.
 - 8) MAXIMUM CUT OR FILL SLOPE=2H:1V
 - 9) CONTRACTOR SHALL COORDINATE WITH THE CITY/COUNTY JURISDICTION, WATER AND SEWER JURISDICTION, AND DEPARTMENT OF TRANSPORTATION INSPECTORS REGARDING ALL CERTIFICATE OF OCCUPANCY REQUIREMENTS AND COORDINATE WITH THE ENGINEER APPROXIMATELY 8 WEEKS PRIOR TO ANTICIPATED CERTIFICATE OF OCCUPANCY DATE REGARDING ANY ITEMS REQUIRING APPROVAL OR CERTIFICATIONS BY THE ENGINEER.

SITE DATA

ZONING:	RA (RESIDENTIAL EXURBAN/AGRICULTURAL)
PARCEL IDENTIFICATION NUMBER:	091035
DISTURBED AREA:	7.5 AC.
IMPERVIOUS SURFACE AREA PROPOSED (%):	1,434 AC.
LANDSCAPE STRIP - FRONT:	10 FT
SIDE:	5 FT
REAR:	5 FT
BUILDING SETBACK - FRONT:	40 FT
SIDE:	20 FT
REAR:	35 FT
SENIOR CENTER BUILDING FLOOR AREA (GROSS):	8,326 S.F.
BUILDING HEIGHT:	27' - 1.5"
BUILDING HEIGHT (MAX.):	35'
PARKING RATIO REQUIRED -	(1 SPACE / 10 SENIORS) + (1 SPACE / EMPLOYEE)
SENIOR CENTER PARKING REQUIRED:	24 SPACES
100 SENIORS + 14 EMPLOYEES =	61 SPACES
PARKING PROVIDED:	3 SPACES
ACCESSIBLE PARKING REQUIRED:	3 SPACES
ACCESSIBLE PARKING PROVIDED:	11 SPACES

LEGEND

	STANDARD DUTY ASPHALT PAVING
	HEAVY DUTY ASPHALT PAVING
	ASPHALT PAVEMENT REPAIR (TYPE IV, SEE C-6.1)
	CONCRETE SIDEWALK PAVING
	HEAVY DUTY CONCRETE PAVING
	PROPERTY LINE
	PARKING COUNT
	TRAFFIC SIGN
	PAINTED TRAFFIC ARROWS
	TRAFFIC FLOW LANE DESIGNATION



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WAKEFIELD BEASLEY & ASSOCIATES

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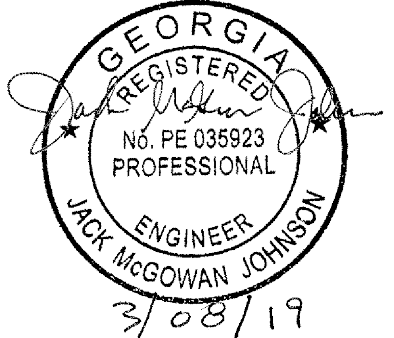
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DAWSON COUNTY SENIOR CENTER AND PAVILION

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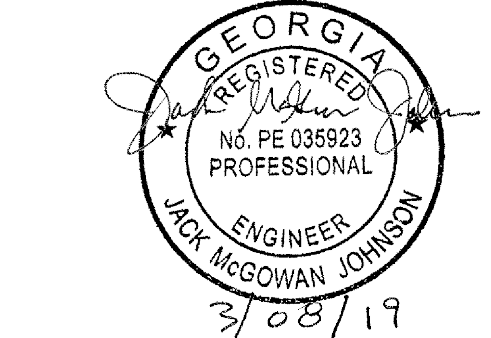
RELEASED FOR CONSTRUCTION

DATE _____

PROJECT NUMBER _____

SHEET TITLE **SITE & PAVING PLAN**

SHEET NUMBER **C-1**



DAWSON COUNTY SENIOR CENTER AND PAVILION

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Revisions table with columns: No., Date, Description.

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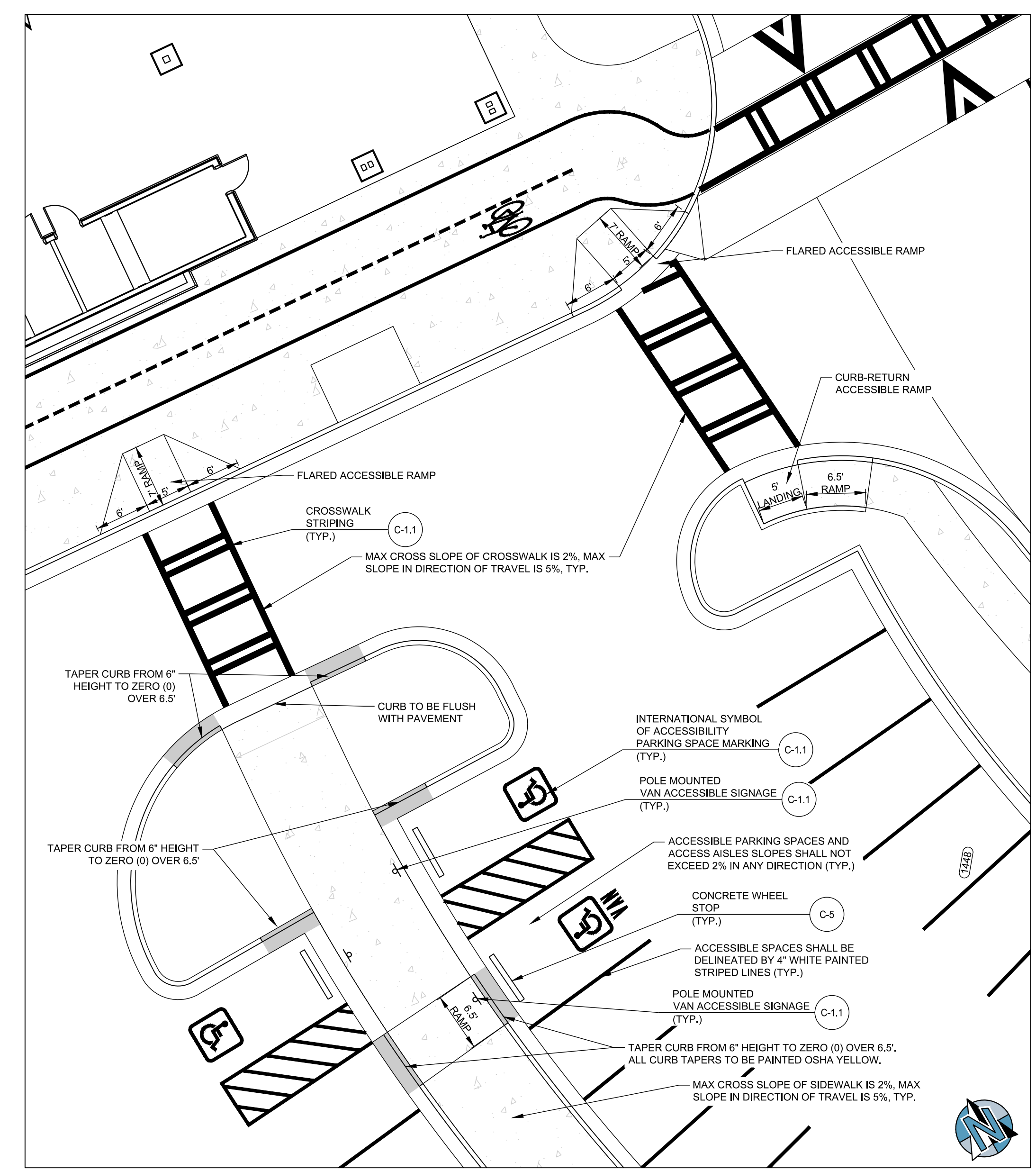
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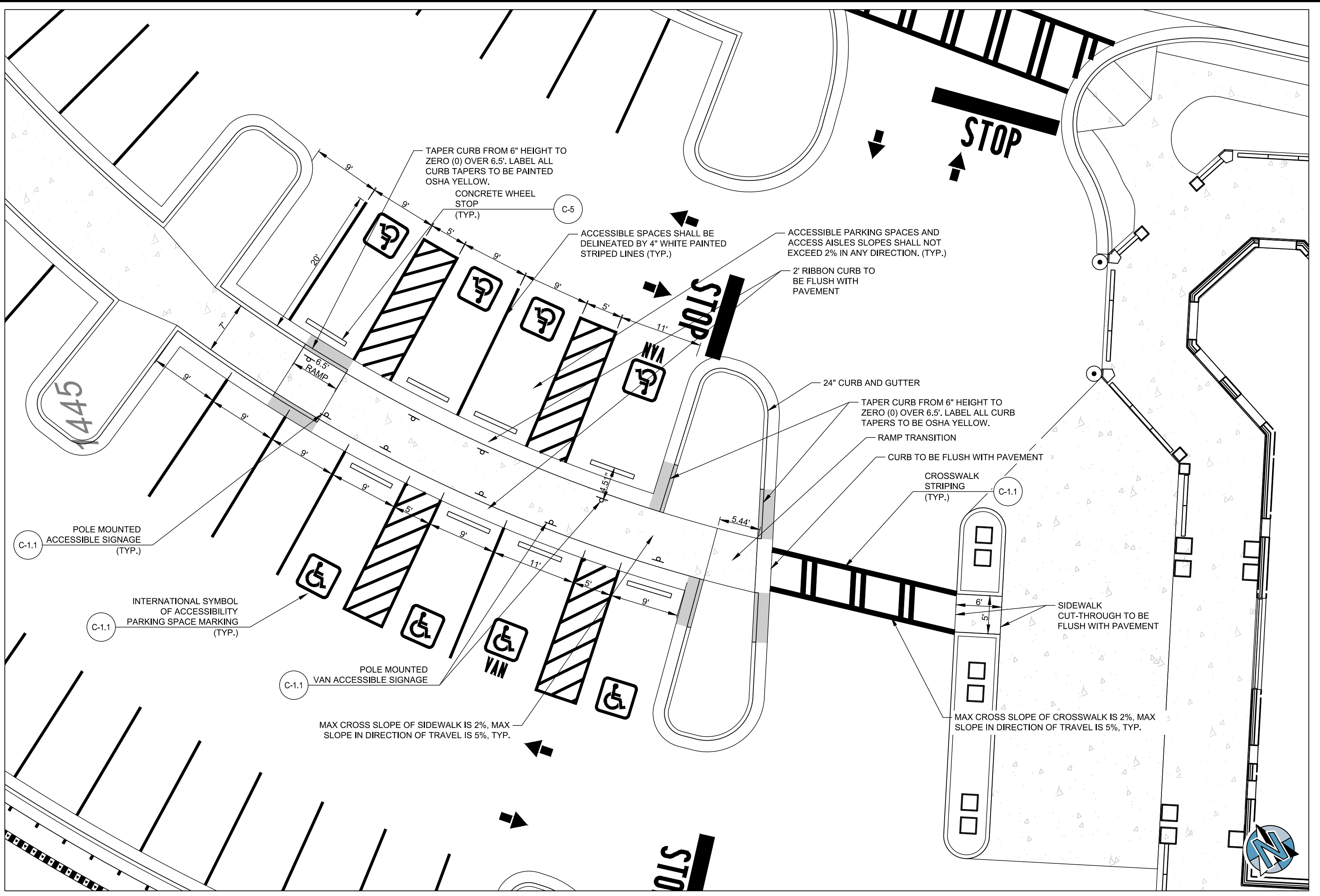
ACCESSIBILITY PLAN AND DETAILS

SHEET NUMBER

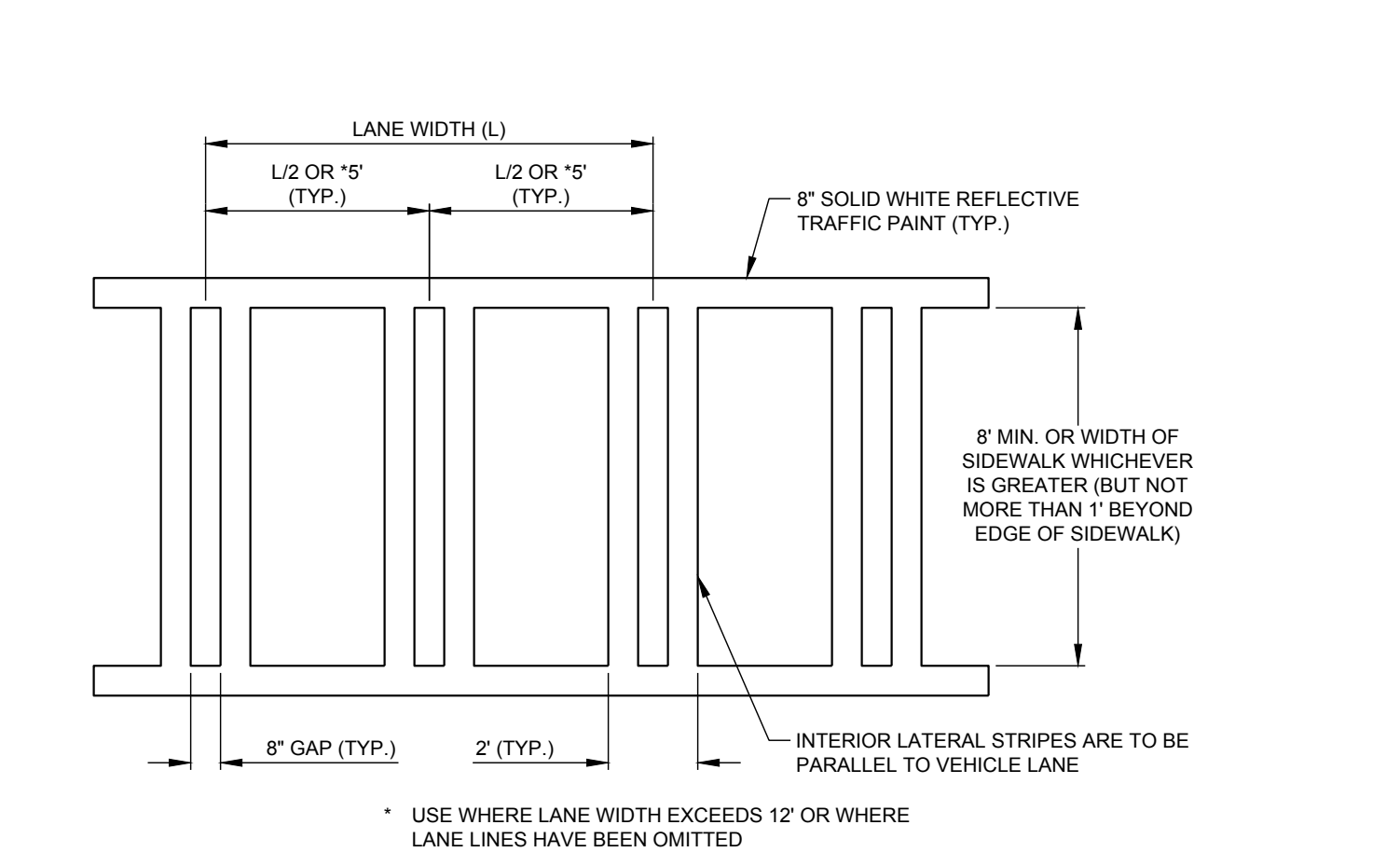
C-1.1



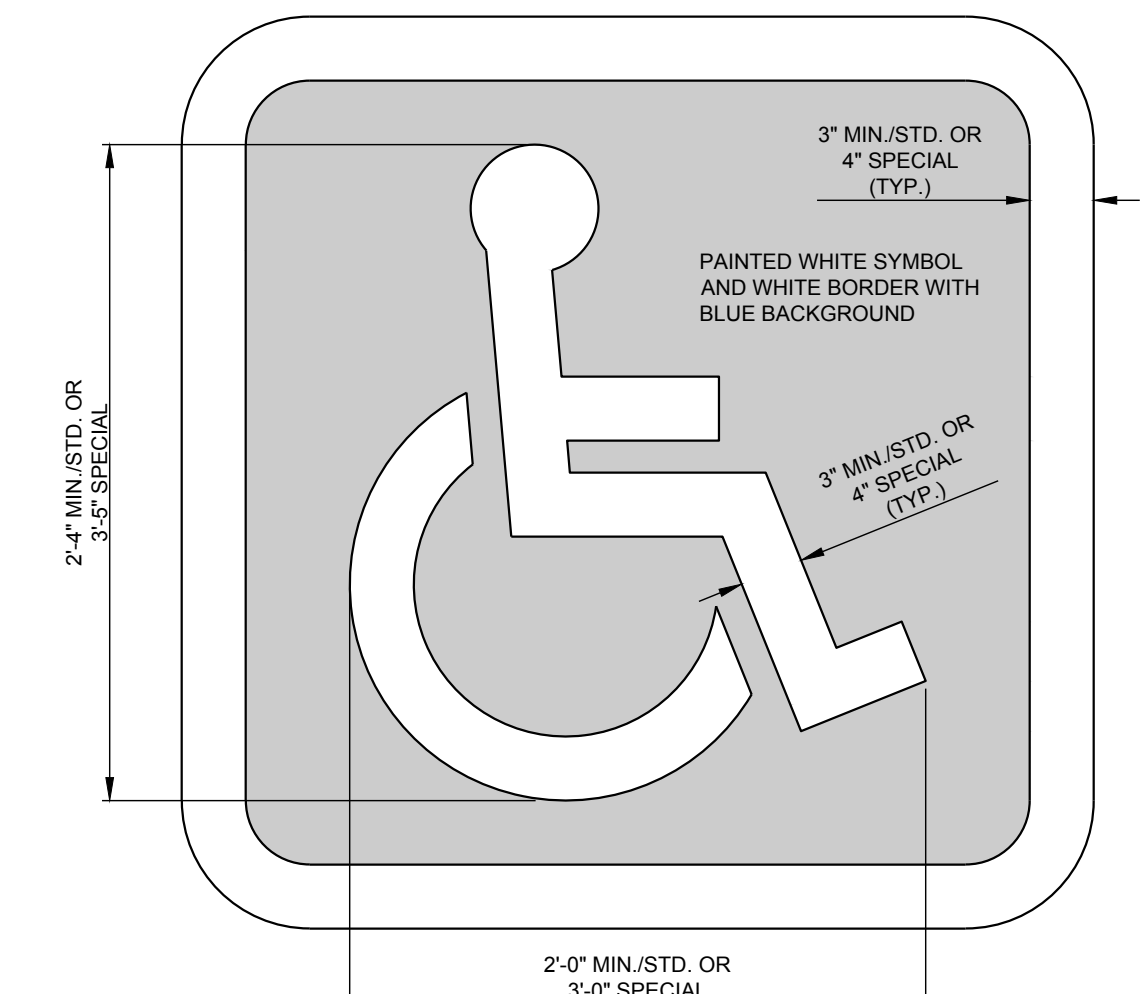
C-1.1 ACCESSIBLE PARKING AND PATH 1" = 10'



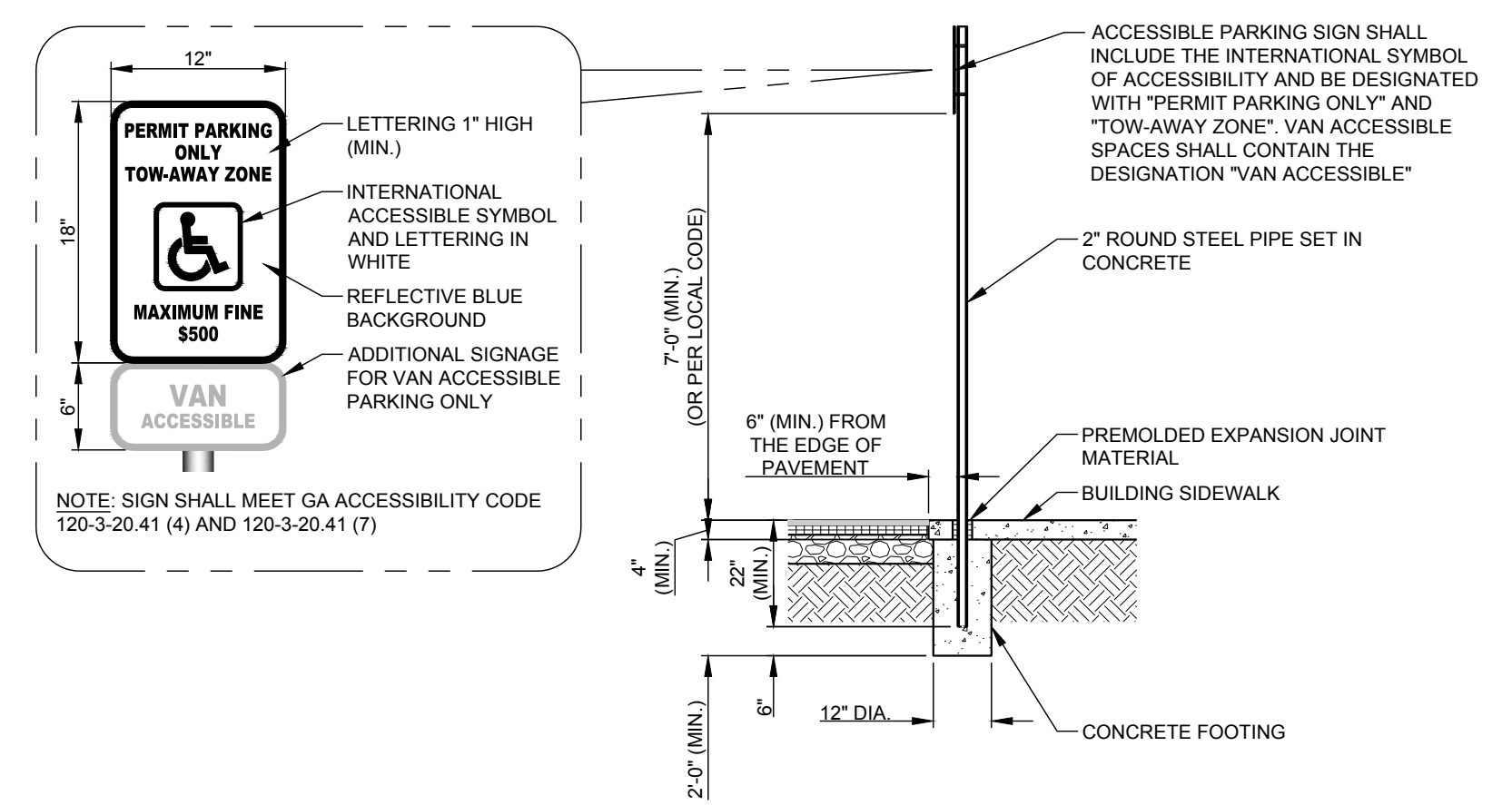
C-1.1 ACCESSIBLE PARKING AND PATH 1" = 10'



C-1.1 CROSSWALK STRIPING NOT TO SCALE



C-1.1 INTERNATIONAL SYMBOL OF ACCESSIBILITY PARKING SPACE MARKING NOT TO SCALE



C-1.1 SIDEWALK POLE MOUNTED ACCESSIBLE SIGNAGE NOT TO SCALE

GENERAL NOTES:

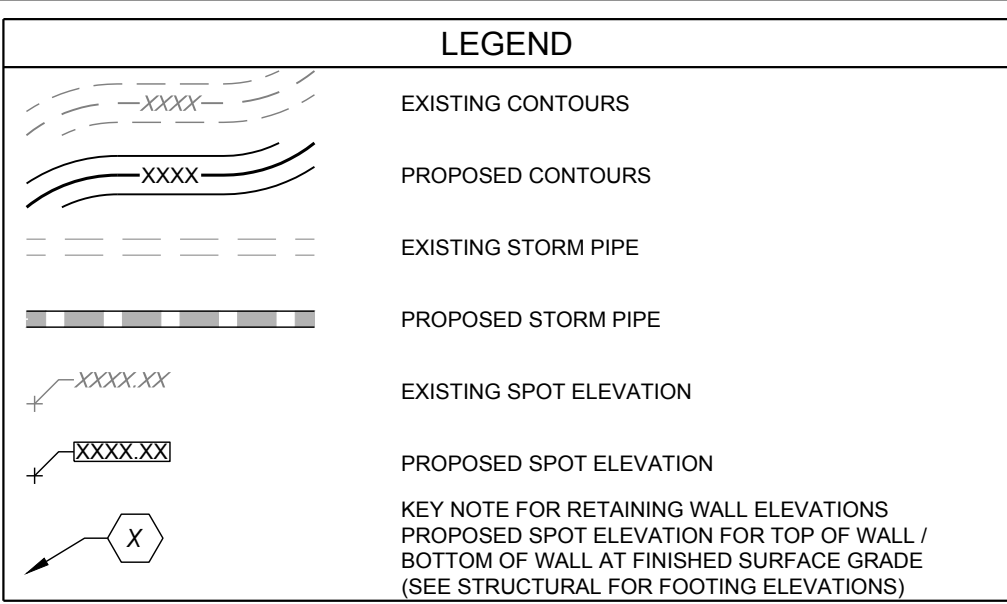
- 1) ALL SPOT ELEVATIONS SHOWN ARE AT THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2) ALL PROPOSED SIDEWALKS SHALL BE BUILT WITH A 1.5% CROSS-SLOPE AWAY FROM THE BUILDING AND NOT EXCEED 2%.
3) ALL HEAD WALL SECTIONS SHALL BE CONSTRUCTED TO BE FLUSH WITH THE EXISTING DITCH BANK AND PROPOSED EMBANKMENT SLOPES.

SITE NOTES:

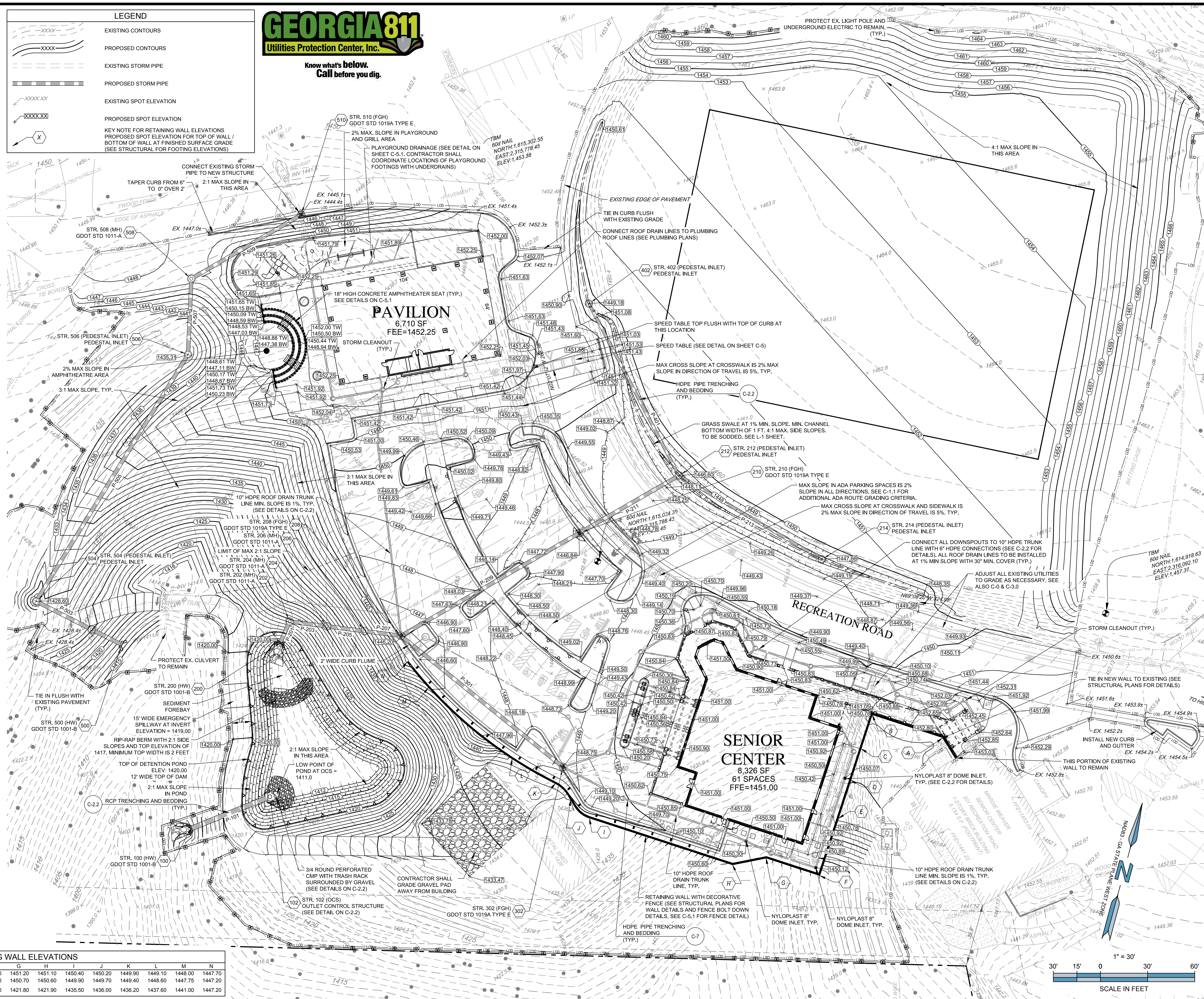
- 1) THE CONTRACTOR SHALL CLEAN OUT ACCUMULATED SILT IN STORM WATER CONVEYANCE CHANNELS AND PIPES AT END OF CONSTRUCTION WHEN DISTURBED AREAS HAVE BEEN STABILIZED.
2) COORDINATE WITH DAWSON COUNTY INSPECTIONS DURING CONSTRUCTION.
3) CONSTRUCT EROSION CONTROL BARRIERS PER DAWSON COUNTY INSPECTOR AND MAINTAIN UNTIL PERMANENT VEGETATION IS ESTABLISHED.
4) THE CONTRACTOR SHALL RE-ESTABLISH ALL RIGHT OF WAY AREA WHICH IS DAMAGED OR DISTURBED TO ORIGINAL CONDITIONS OR BETTER DURING AUTHORIZED WORK. ALL WORK IN DAWSON COUNTY RIGHT OF WAY SHALL COMPLY WITH GDOT SPECIFICATIONS.
5) ALL CURBED LANDSCAPE ISLANDS SHALL BE FILLED TO TOP OF CURB WITH TOPSOIL AND SEEDED.

SECTION A-A

RETAINING WALL ELEVATIONS table with columns A through N and rows TW, IN BW, OUT, BW.



Know what's below. Call before you dig.



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WAKEFIELD BEASLEY & ASSOCIATES

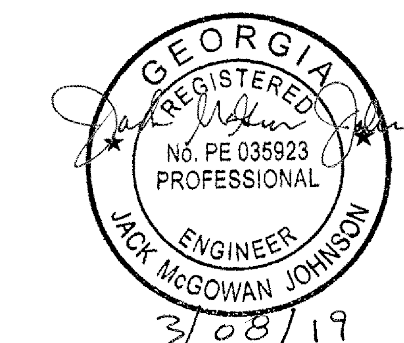
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Revisions

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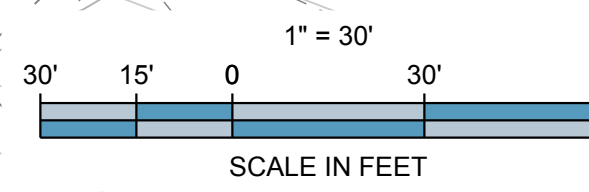
PROJECT NUMBER

SHEET TITLE

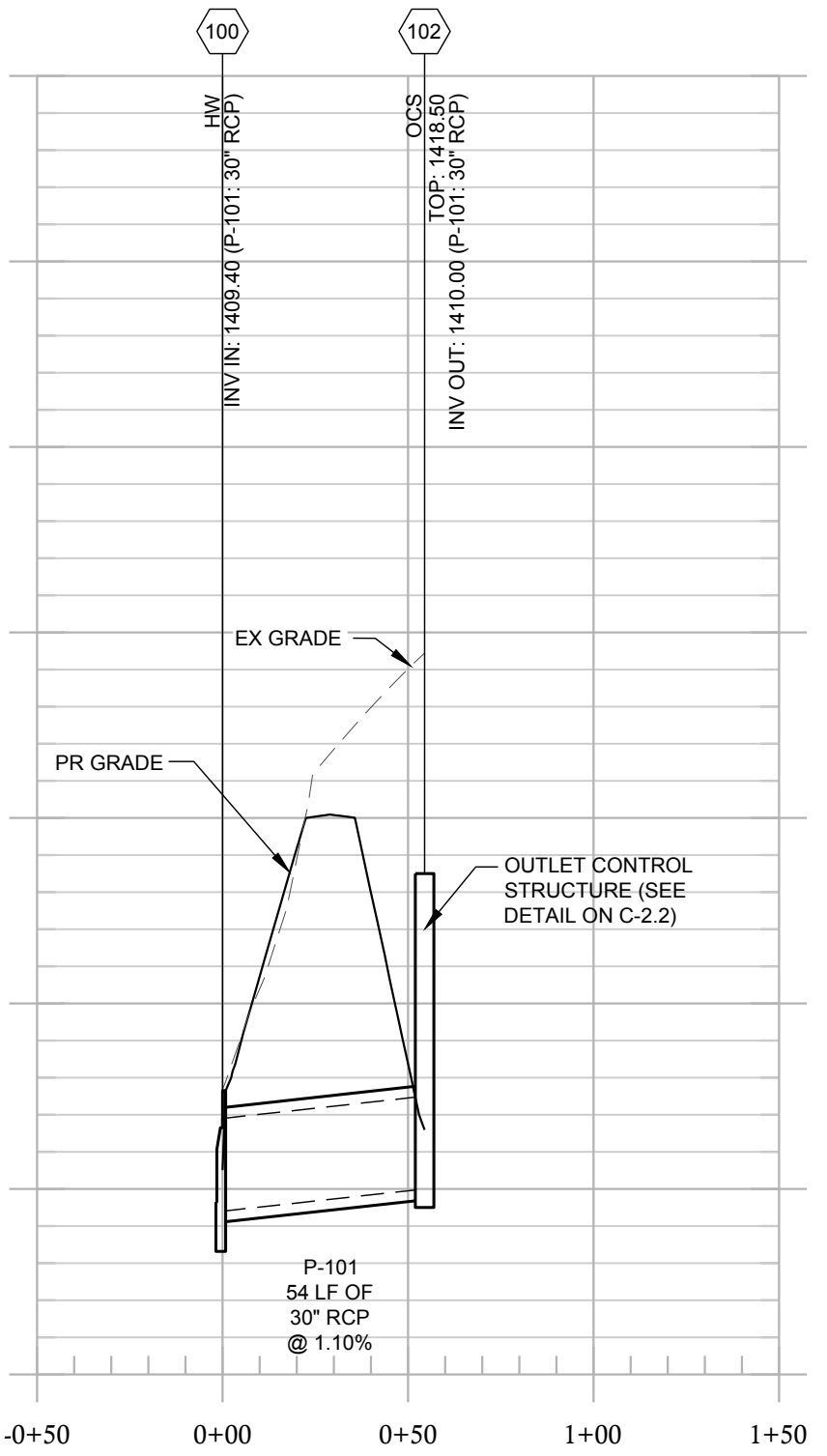
GRADING AND DRAINAGE PLAN

SHEET NUMBER

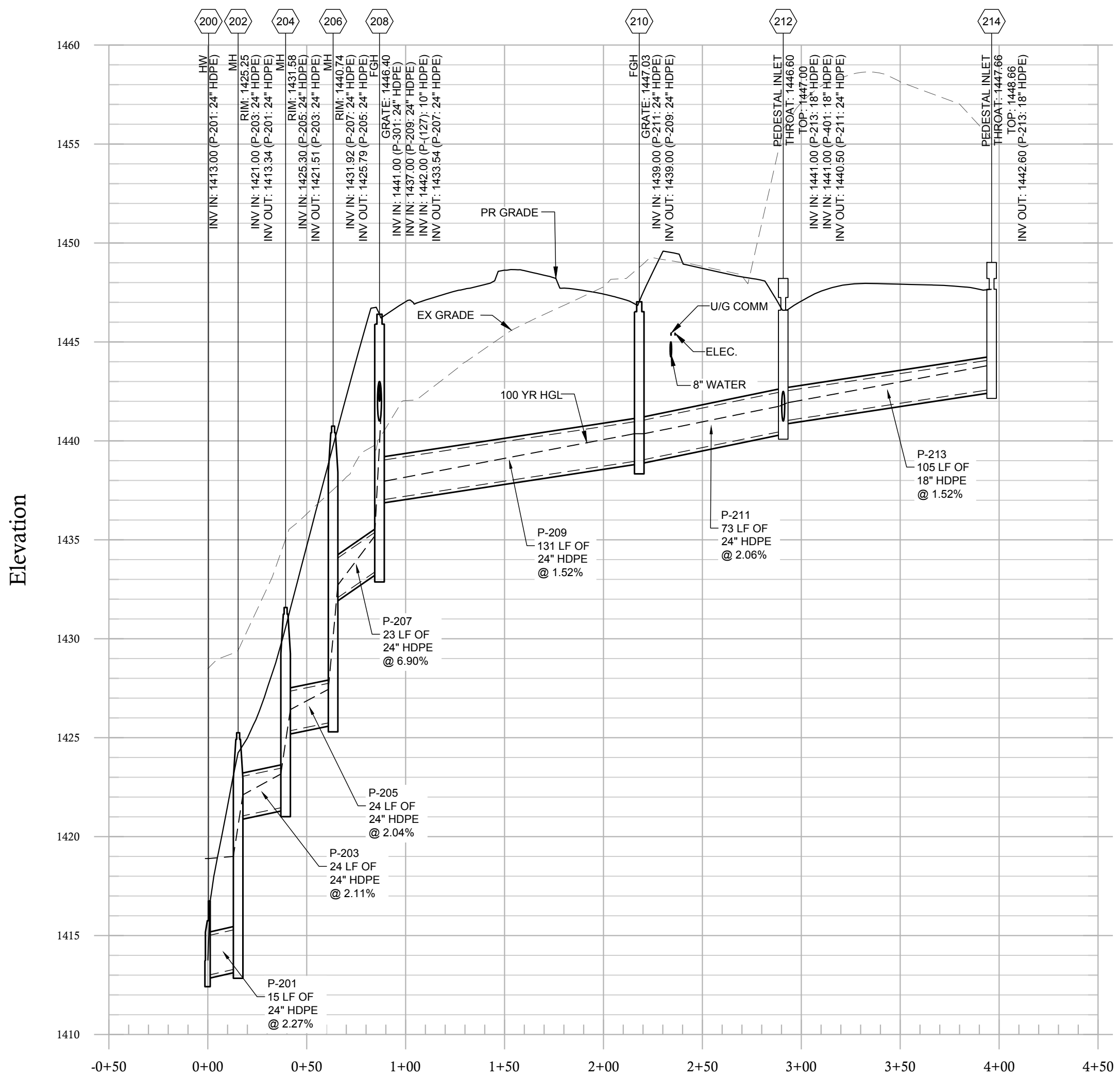
C-2



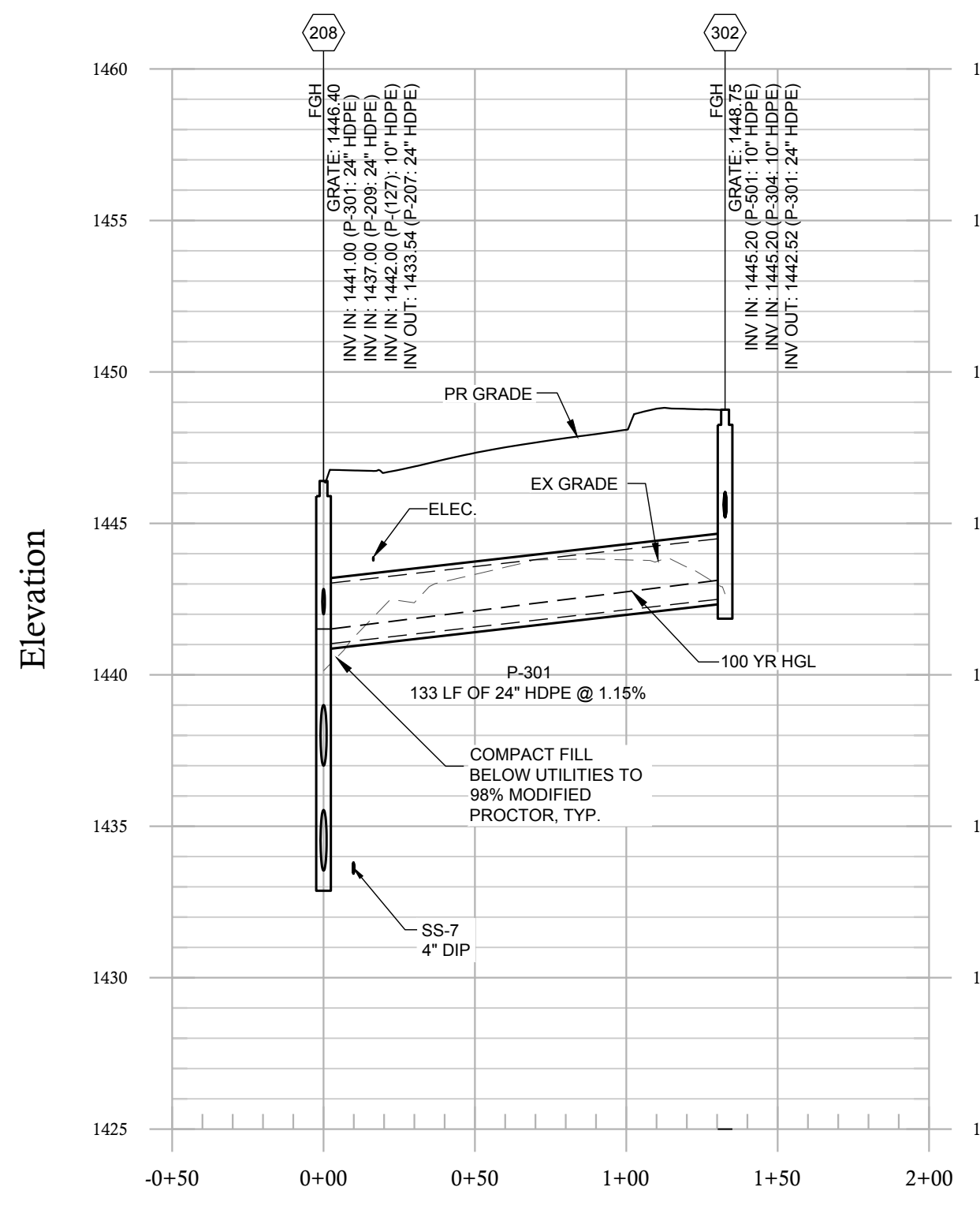
STORM 100-102
1" = 50' H, 1" = 5' V



STORM 200-214
1" = 50' H, 1" = 5' V

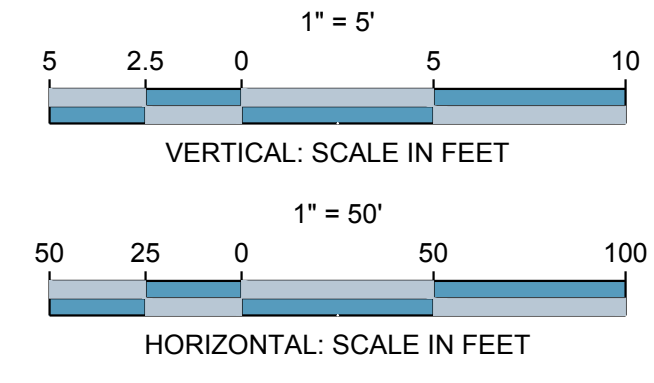


STORM 208-302
1" = 50' H, 1" = 5' V



GENERAL NOTES:

- 1) PIPE LENGTHS REFLECT THE PIPES LINEAR LENGTH AND ARE SHOWN FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- 2) EXISTING UTILITY DEPTHS ARE APPROXIMATED BASED ON 4 FT COVER FROM THE EXISTING GROUND SURFACE. PROPOSED UTILITY DEPTHS ARE BASED ON 4 FT OF COVER FROM PROPOSED GROUND SURFACE. CONTRACTOR SHALL FIELD VERIFY ALL UTILITY DEPTHS AT CROSSING AND CONTACT ENGINEER IMMEDIATELY IF CONFLICTS ARE ENCOUNTERED.
- 3) CONTRACTOR TO FIELD VERIFY EXISTING ELEVATIONS OF UTILITIES IN RIGHT OF WAY TO AVOID CONFLICTS. CONTACT ENGINEER IMMEDIATELY IF FIELD ELEVATIONS DIFFER FROM THE DESIGN DRAWINGS.
- 4) MAINTAIN MINIMUM 2' OF COVER OVER METAL AND PLASTIC PIPES DURING CONSTRUCTION ACTIVITIES.
- 5) CONTRACTOR SHALL PROVIDE AS-BUILT SURVEY INFORMATION OF THE CONTROL STRUCTURE TO THE ENGINEER 4 WEEKS PRIOR TO REQUESTING FINAL ACCEPTANCE. AS-BUILT INFORMATION SHOULD INCLUDE ALL RIM, INVERT, ORIFICE, WEIR, AND BOX DIMENSIONS FOR THE CONTROL STRUCTURES ALONG WITH AS-BUILT TOPOGRAPHY OF THE STORMWATER POND, INCLUDING TOPOGRAPHY BELOW THE WATER SURFACE ELEVATION TO THE BOTTOM OF THE POND. THE AS-BUILT SURVEY INFORMATION SHOULD ALSO INCLUDE THE AS-BUILT INFORMATION FOR THE DISCHARGE PIPE FROM THE OUTLET CONTROL STRUCTURE TO WHERE IT DISCHARGES INTO THE RIGHT OF WAY OR ON-GRADE. ONE REVIEW OF THE AS-BUILT SYSTEM AND STORM MODELING IS COVERED BY THE OWNER. ADDITIONAL ENGINEERING COSTS FOR AS-BUILT REVIEW AND STORM MODELING OF THE DETENTION SYSTEM WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 6) IN ORDER TO ADDRESS SAFETY CONSIDERATIONS ASSOCIATED WITH THE DETENTION POND, CONTRACTOR SHOULD INSTALL A 4' HIGH BLACK VINYL COATED CHAIN LINK FENCE AROUND THE DETENTION POND.

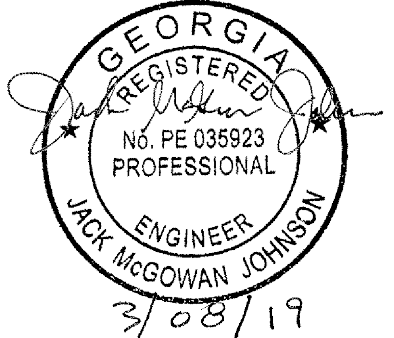


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FORESITE group



DAWSON COUNTY SENIOR CENTER AND PAVILION
201 RECREATION RD
DAWSONVILLE, GA 30534

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Print Record
2019-01-14 SCHEMATIC DESIGN PACKAGE
2019-02-04 BID PACKAGE
2019-03-08 GRANT REVIEW DOCUMENTS

Revisions

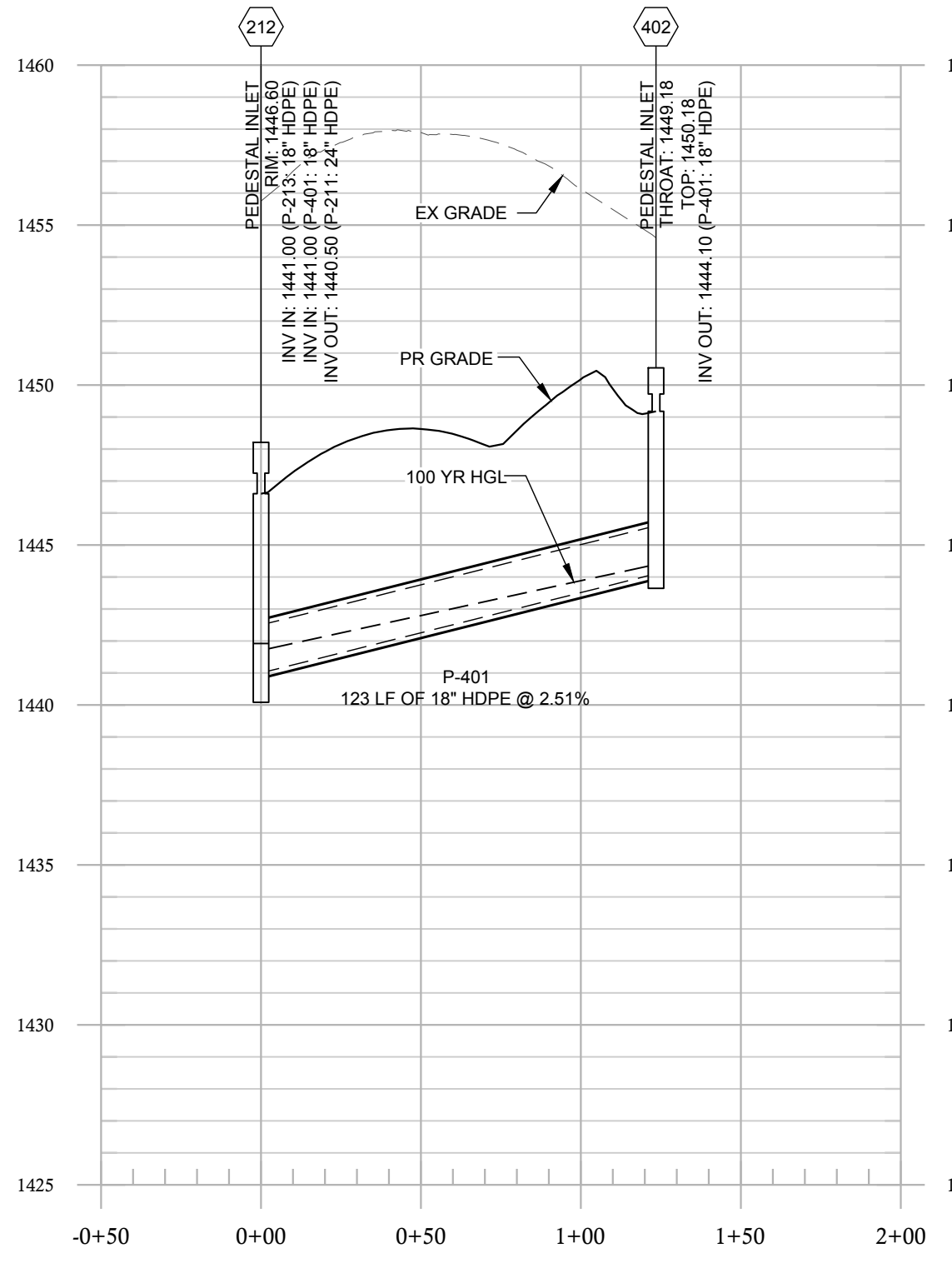
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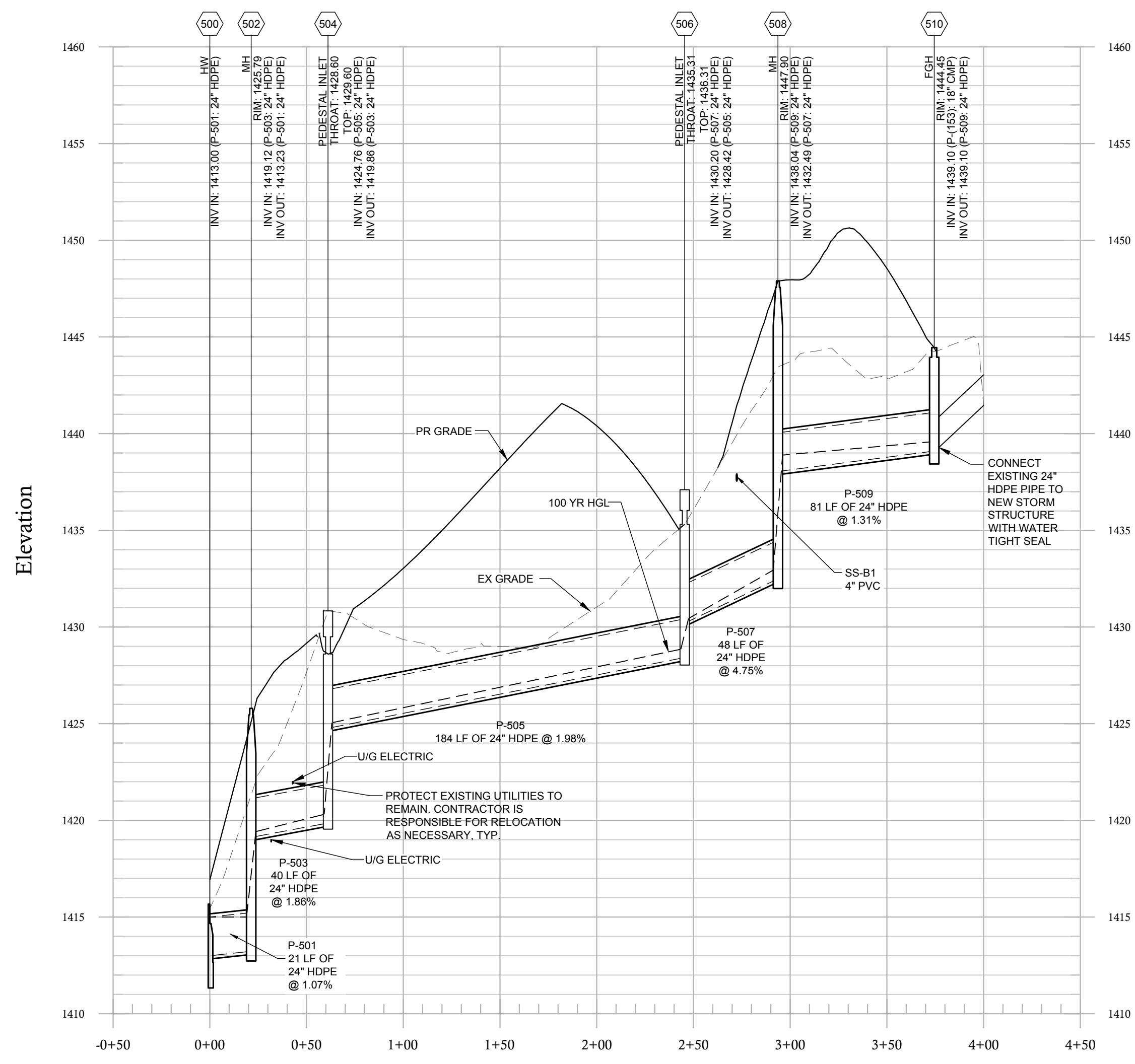
DATE
PROJECT NUMBER
SHEET TITLE
STORM DRAINAGE PROFILES
SHEET NUMBER

C-2.1

STORM 212-402
1" = 50' H, 1" = 5' V



STORM 500-508
1" = 50' H, 1" = 5' V



100-YR PIPE CHART:

Line No.	Line ID	Drng Area (ac)	Inlet Time (min)	Runoff Coeff (C)	Incr Q (cfs)	Line Length (ft)	Line Type	Line Slope (%)	n-val Pipe	HGL Up (ft)	HGL Dn (ft)	Vel Ave (ft/s)	Line Size (in)
1	201	0.00	0.0	0.00	0.00	14.959	Cir	2.27	0.012	1419.00	1418.89	6.73	24
2	203	0.00	0.0	0.00	0.00	24.000	Cir	2.13	0.012	1423.16	1422.11	9.75	24
3	205	0.00	0.0	0.00	0.00	24.000	Cir	2.04	0.012	1427.44	1426.42	9.66	24
4	207	0.72	5.0	0.80	5.73	23.462	Cir	6.90	0.012	1435.19	1432.71	13.02	24
5	301	0.46	5.0	0.81	3.71	133.000	Cir	1.14	0.012	1443.19	1441.51	4.94	24
6	209	0.35	5.0	0.78	2.72	131.296	Cir	1.52	0.012	1440.36	1437.96	7.86	24
7	211	1.64	5.0	0.34	5.55	72.796	Cir	2.06	0.012	1441.75	1440.36	5.62	24
8	213	2.64	5.0	0.37	9.72	105.000	Cir	1.52	0.012	1443.80	1441.92	7.49	18
9	401	0.23	5.0	0.20	0.46	123.000	Cir	2.52	0.012	1444.35	1441.75	1.44	18
1	501	0.00	0.0	0.00	0.00	21.397	Cir	1.07	0.012	1415.00	1415.00	0.42	24
2	503	0.00	0.0	0.00	0.00	39.717	Cir	1.86	0.012	1420.26	1419.39	4.09	24
3	505	0.00	0.0	0.00	0.00	184.369	Cir	1.99	0.012	1428.85	1425.05	4.35	24
4	507	0.00	0.0	0.00	0.00	48.197	Cir	4.75	0.012	1432.94	1430.44	5.42	24
5	509	0.45	5.0	0.48	1.81	81.000	Cir	1.31	0.012	1439.57	1438.39	4.14	24

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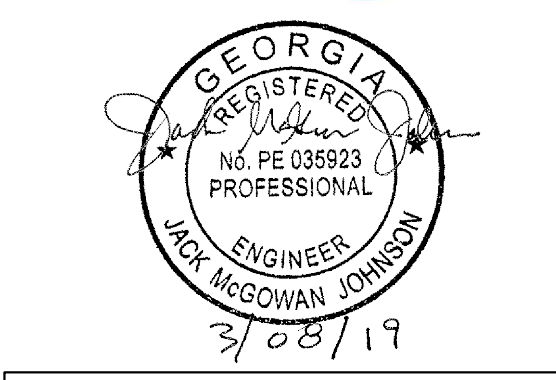
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Revisions

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DATE

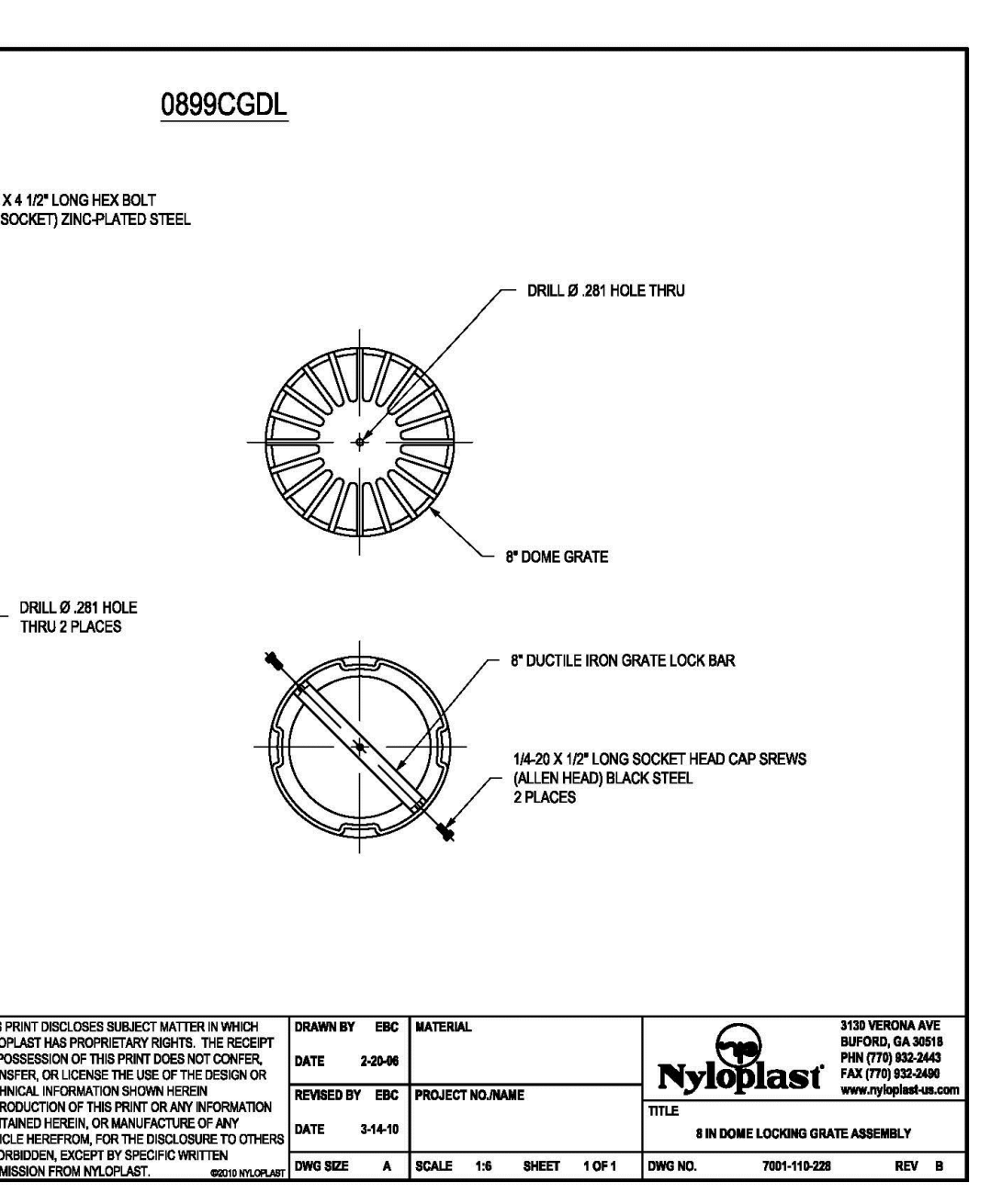
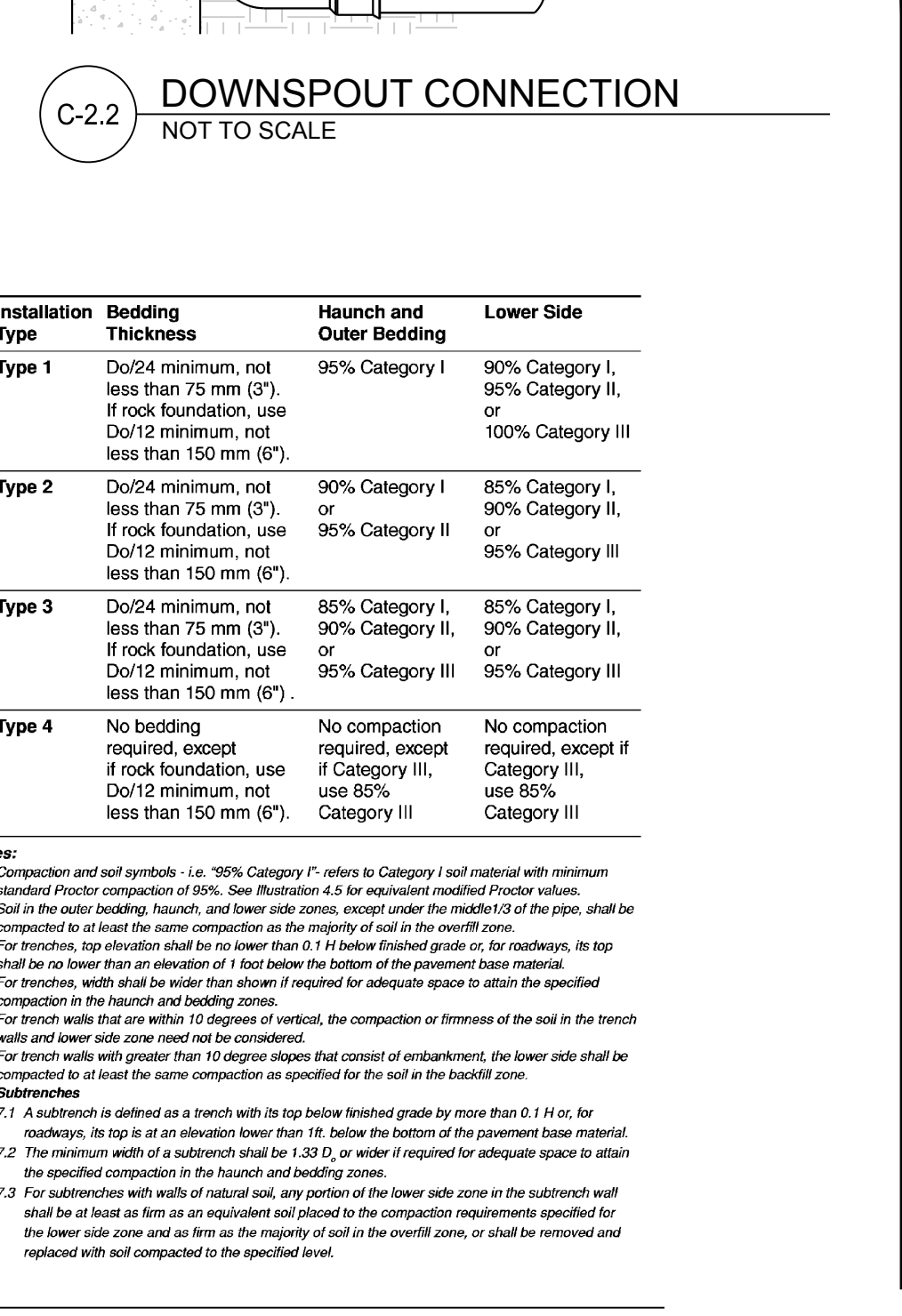
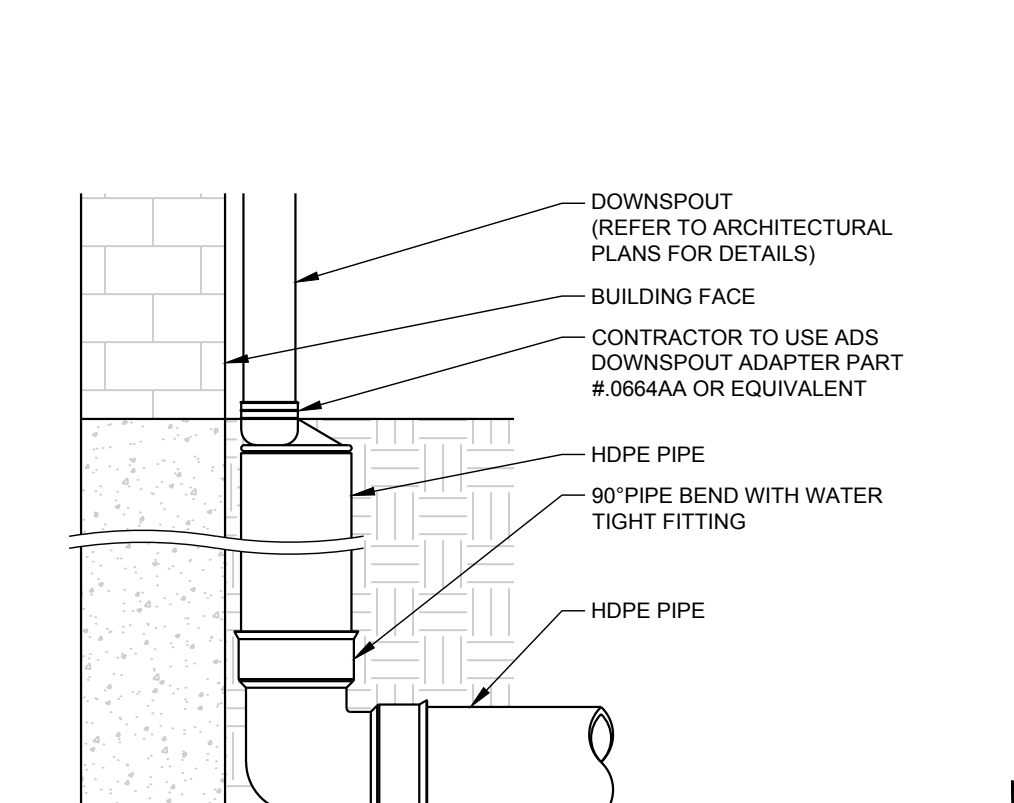
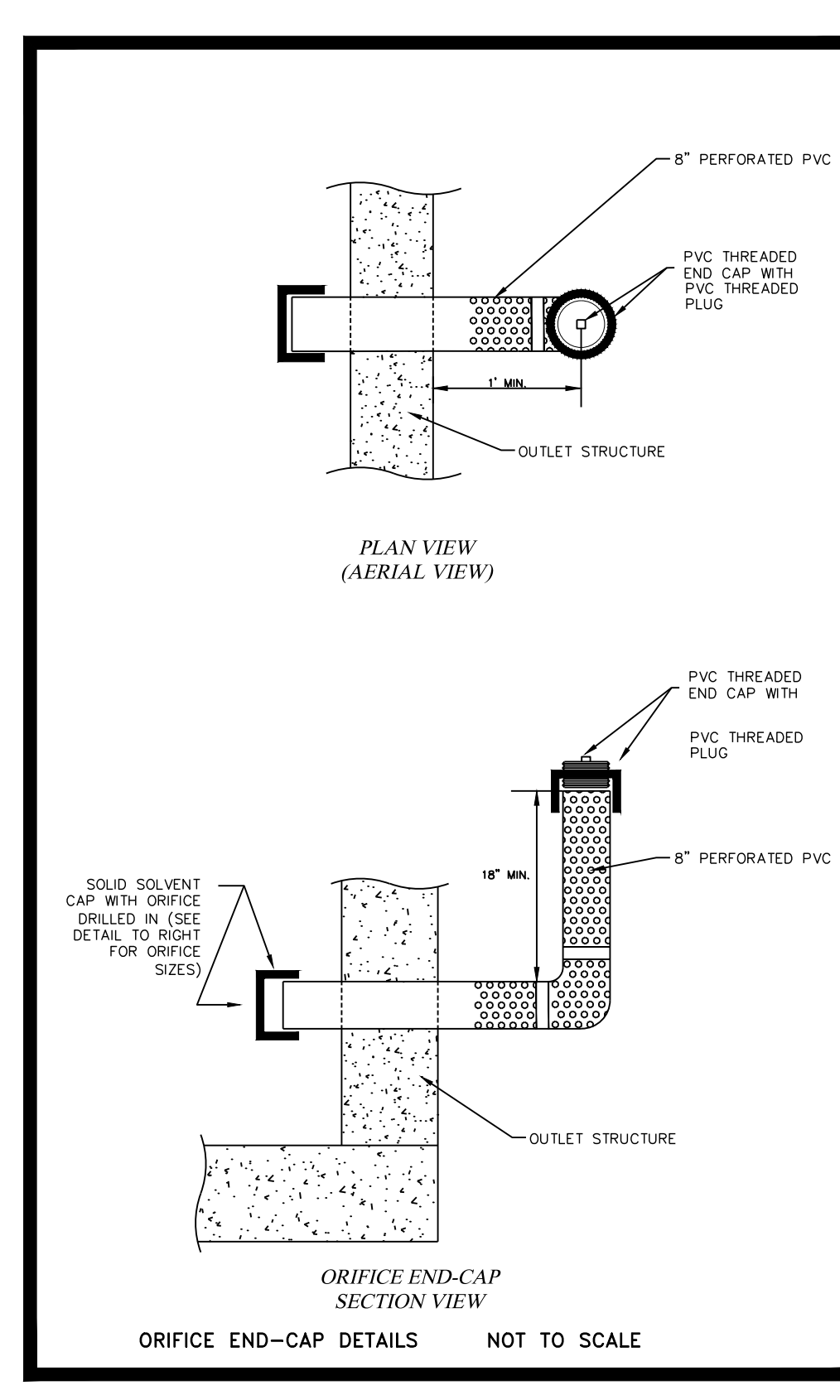
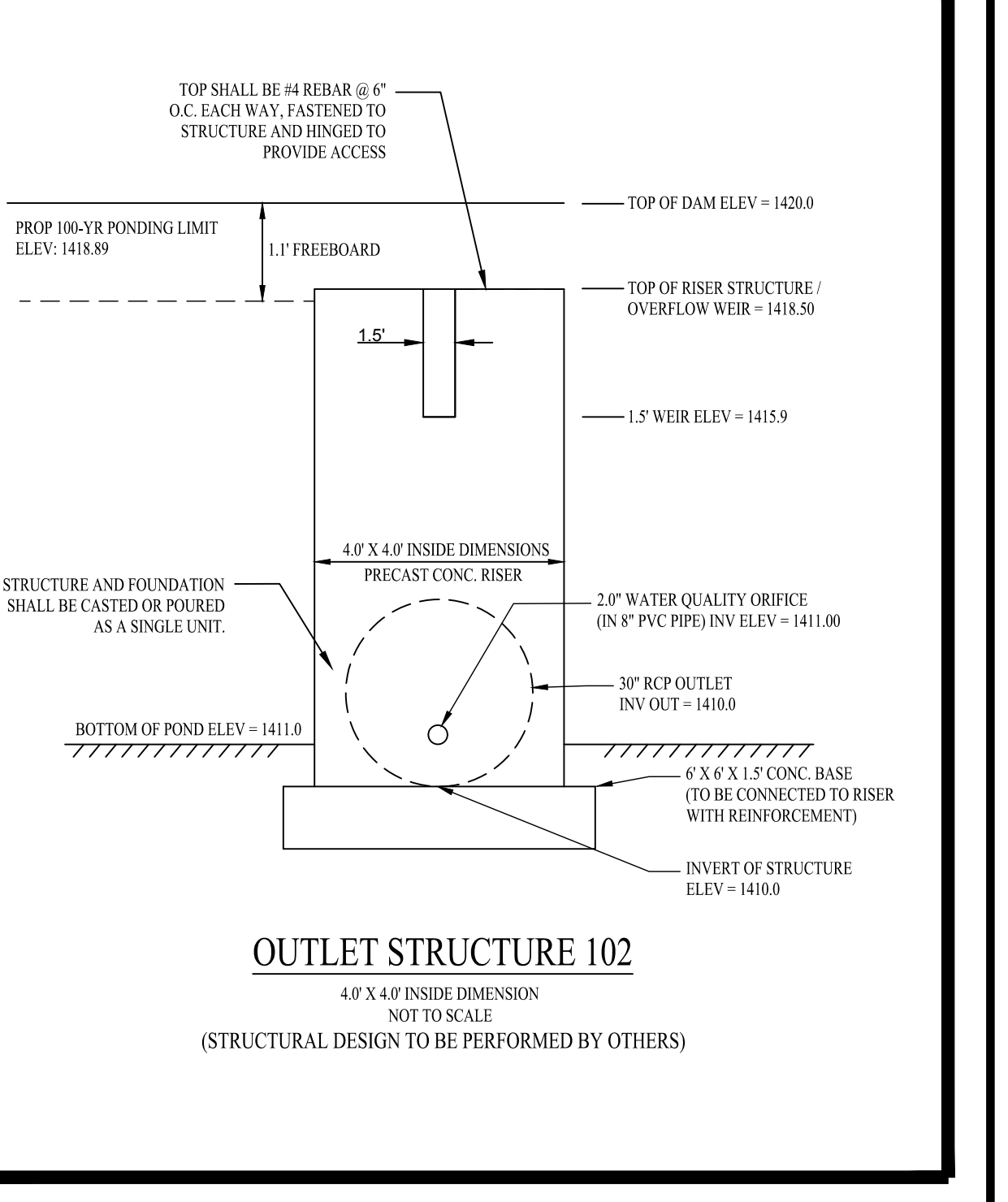
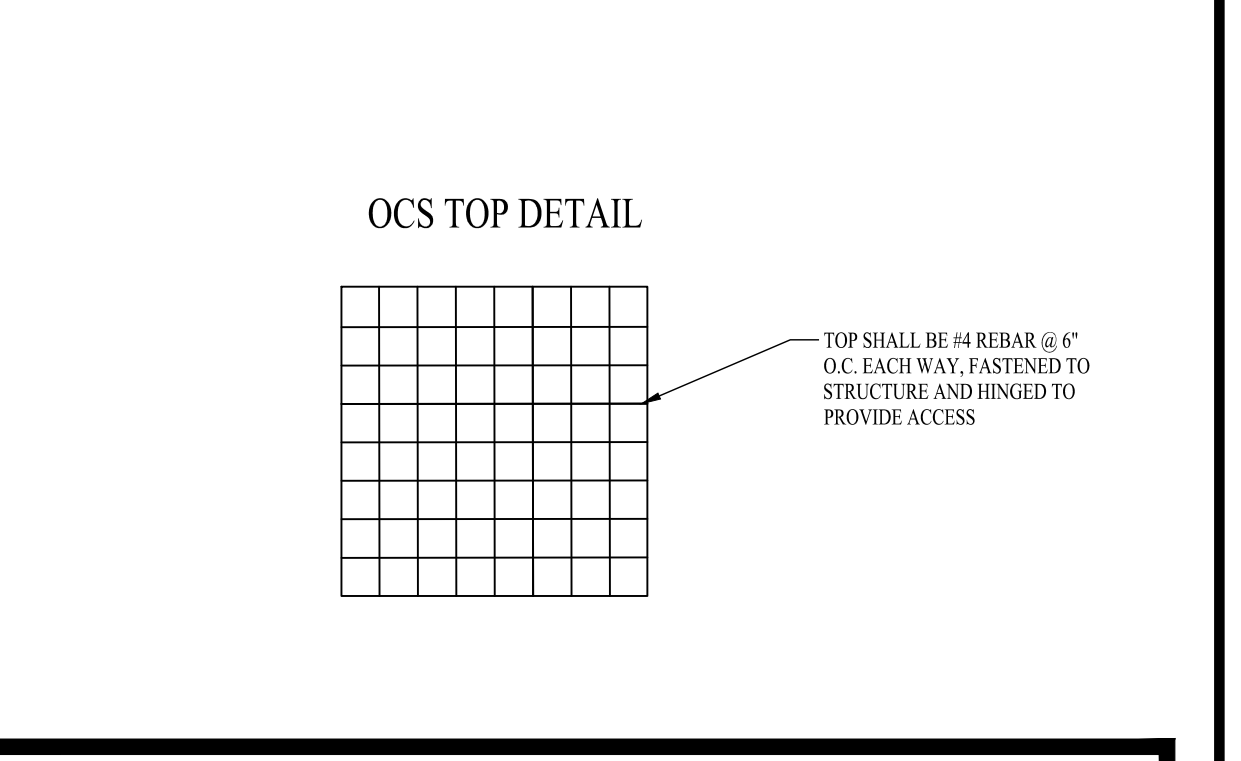
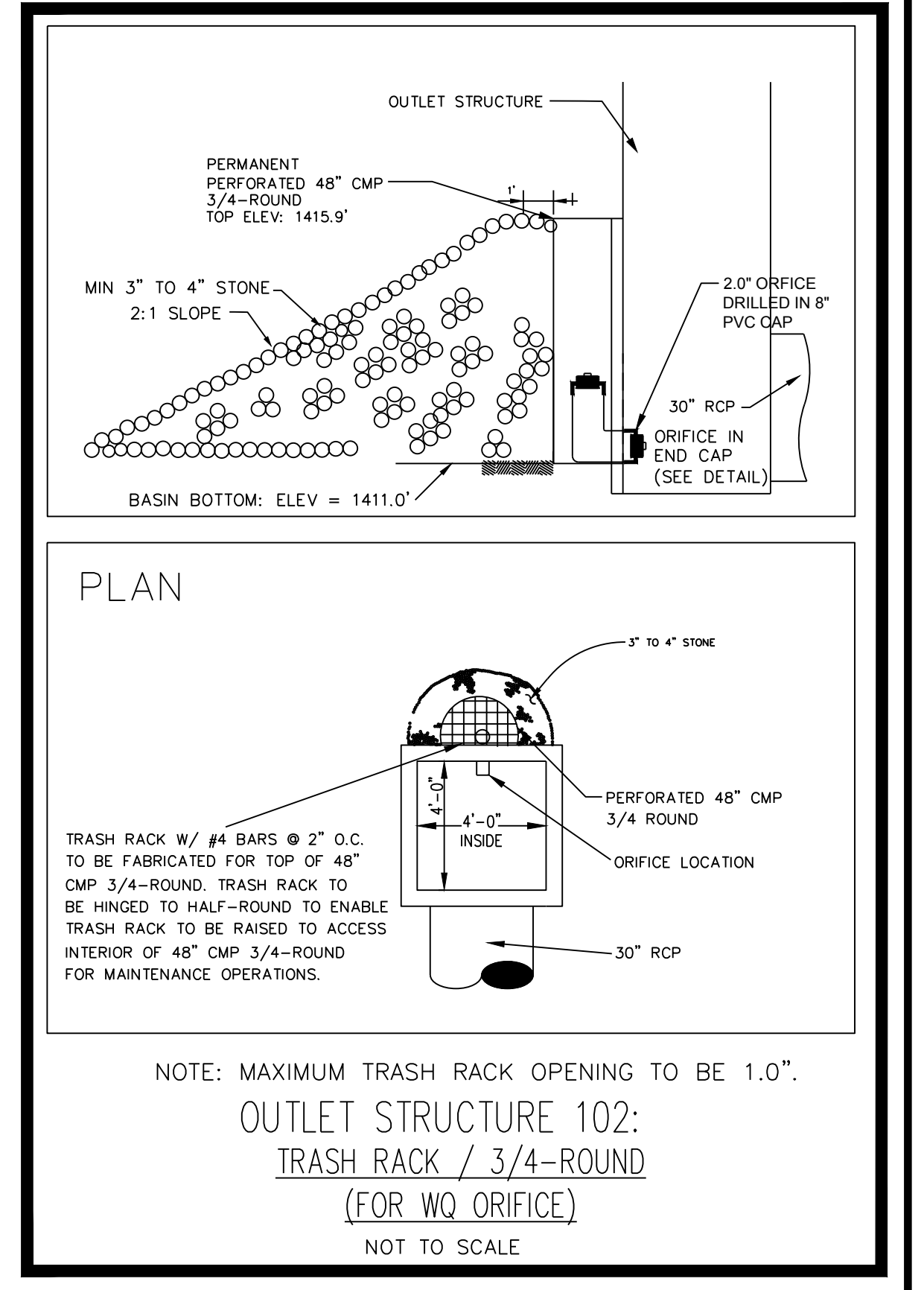
PROJECT NUMBER

SHEET TITLE

STORM DRAINAGE DETAILS

SHEET NUMBER

C-2.2

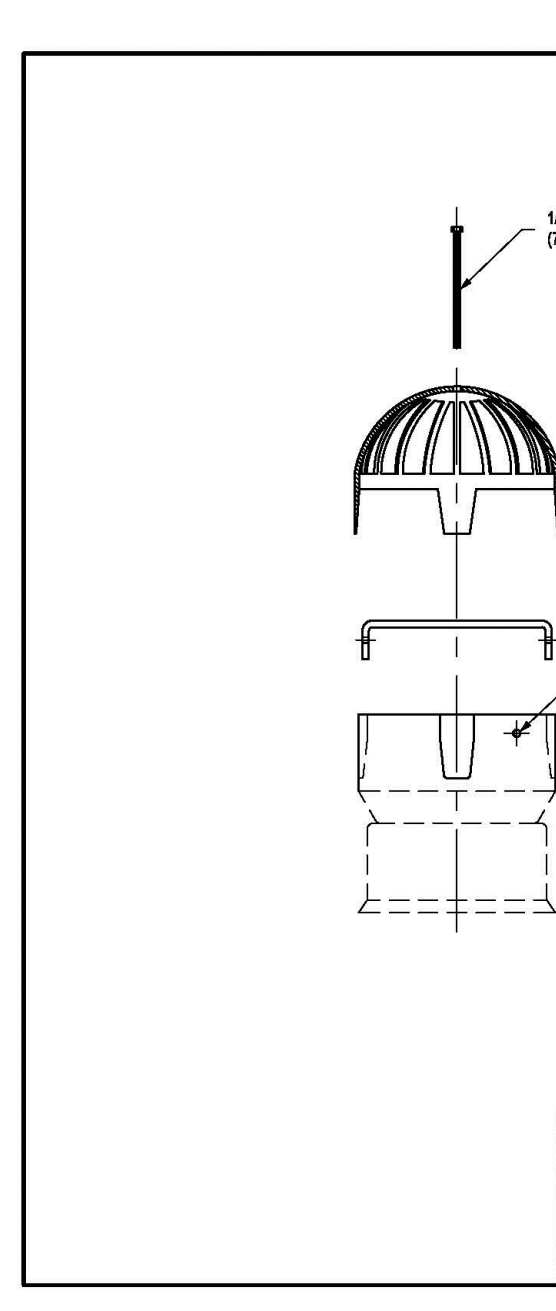
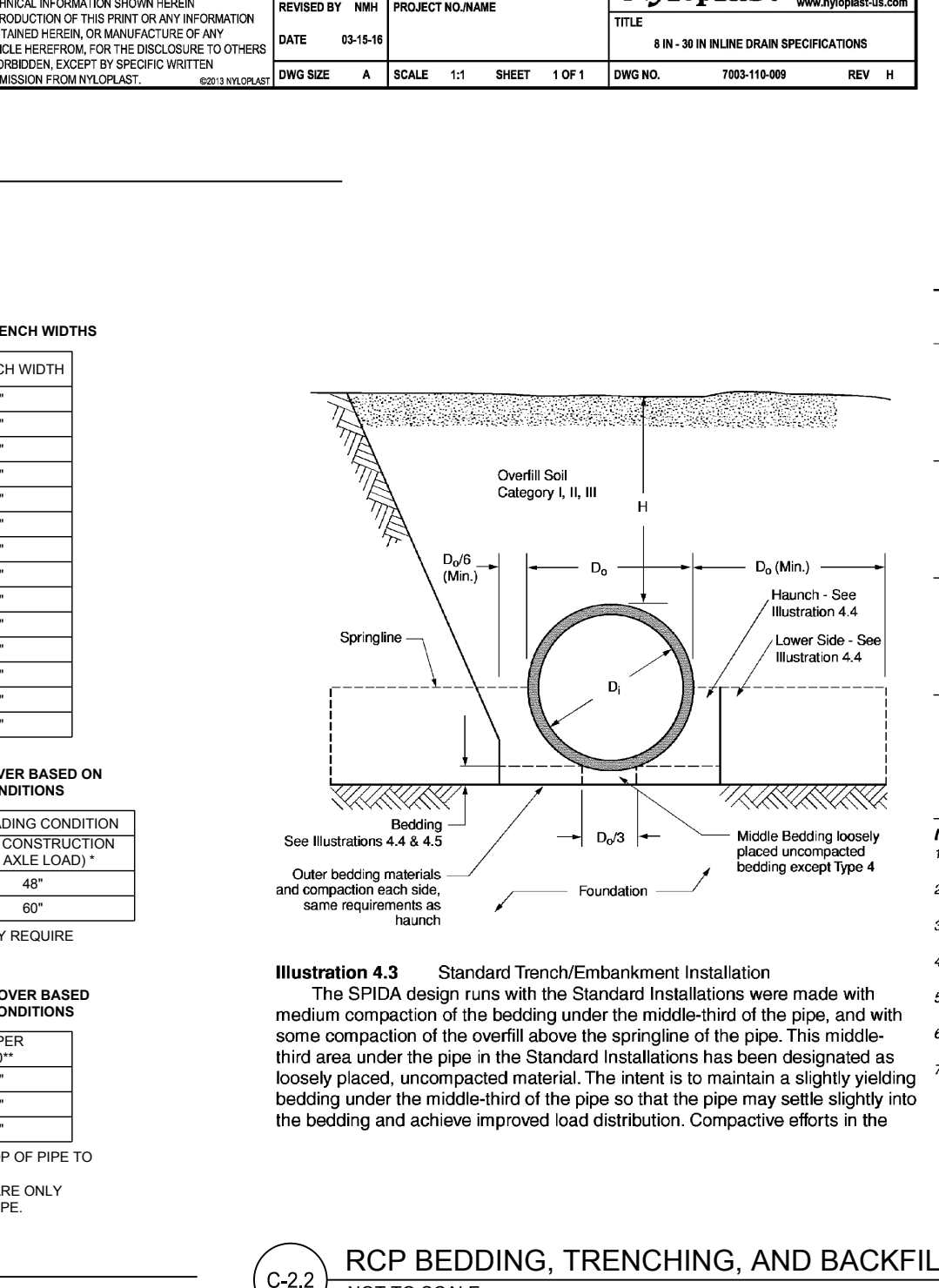


Section 2722 Engineered Surface Drainage Products

GENERAL PVC surface drainage inlets shall be of the inline drain type as indicated on the contract drawing and referenced within the contract specifications.

MATERIALS The inline drain required for this contract shall be manufactured from PVC pipe stock, utilizing a thermo-molding process to reform the pipe stock to the furnished configuration.

INSTALLATION The specified PVC surface drainage inlet shall be installed using conventional flexible pipe backfill materials and procedures.

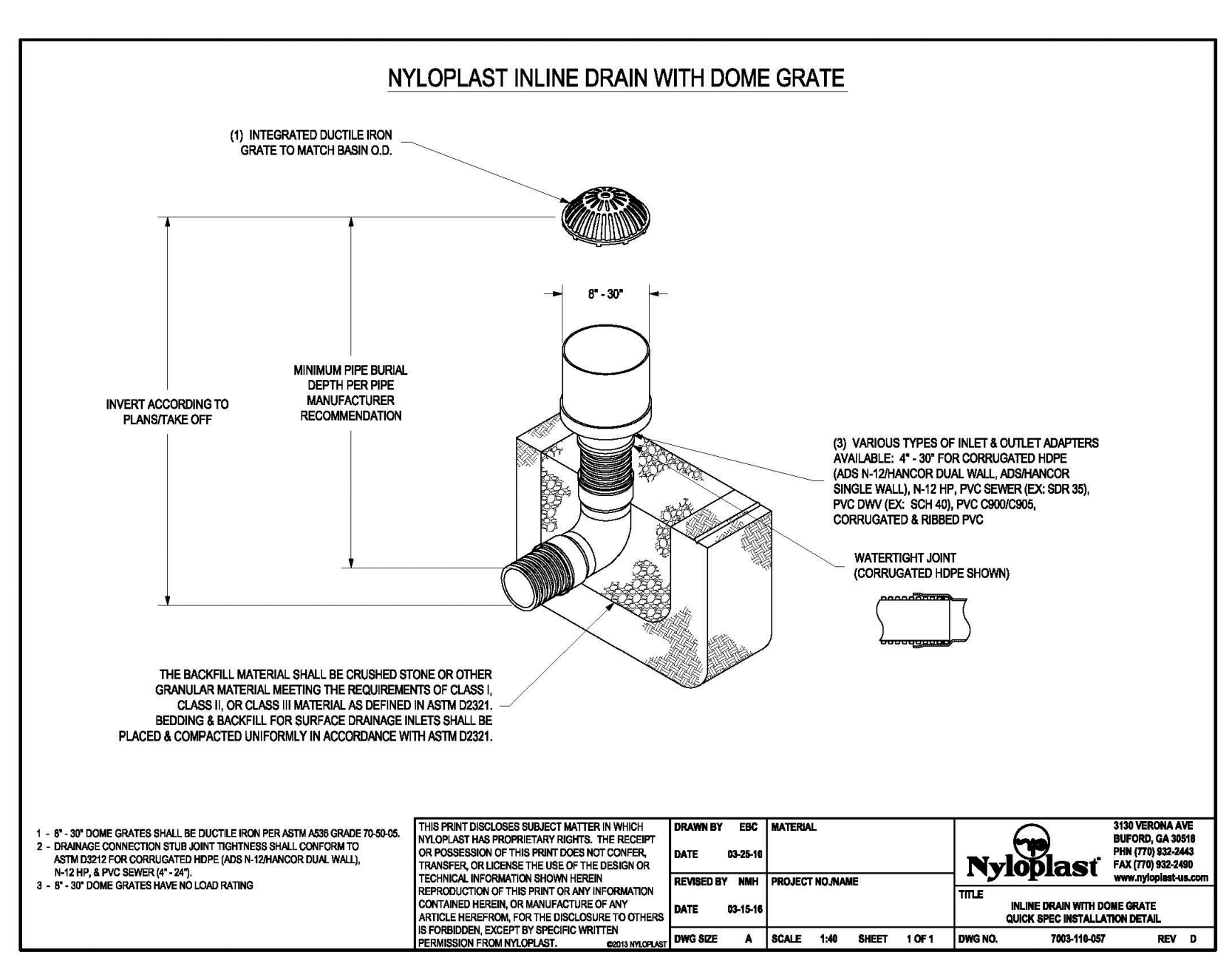
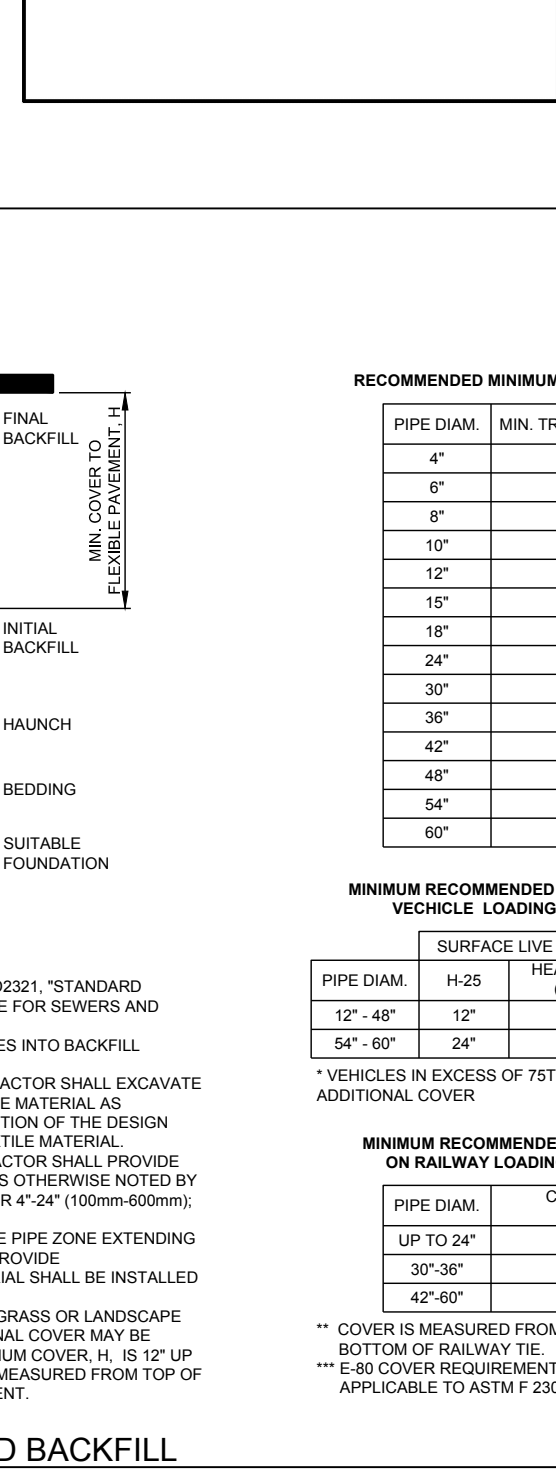


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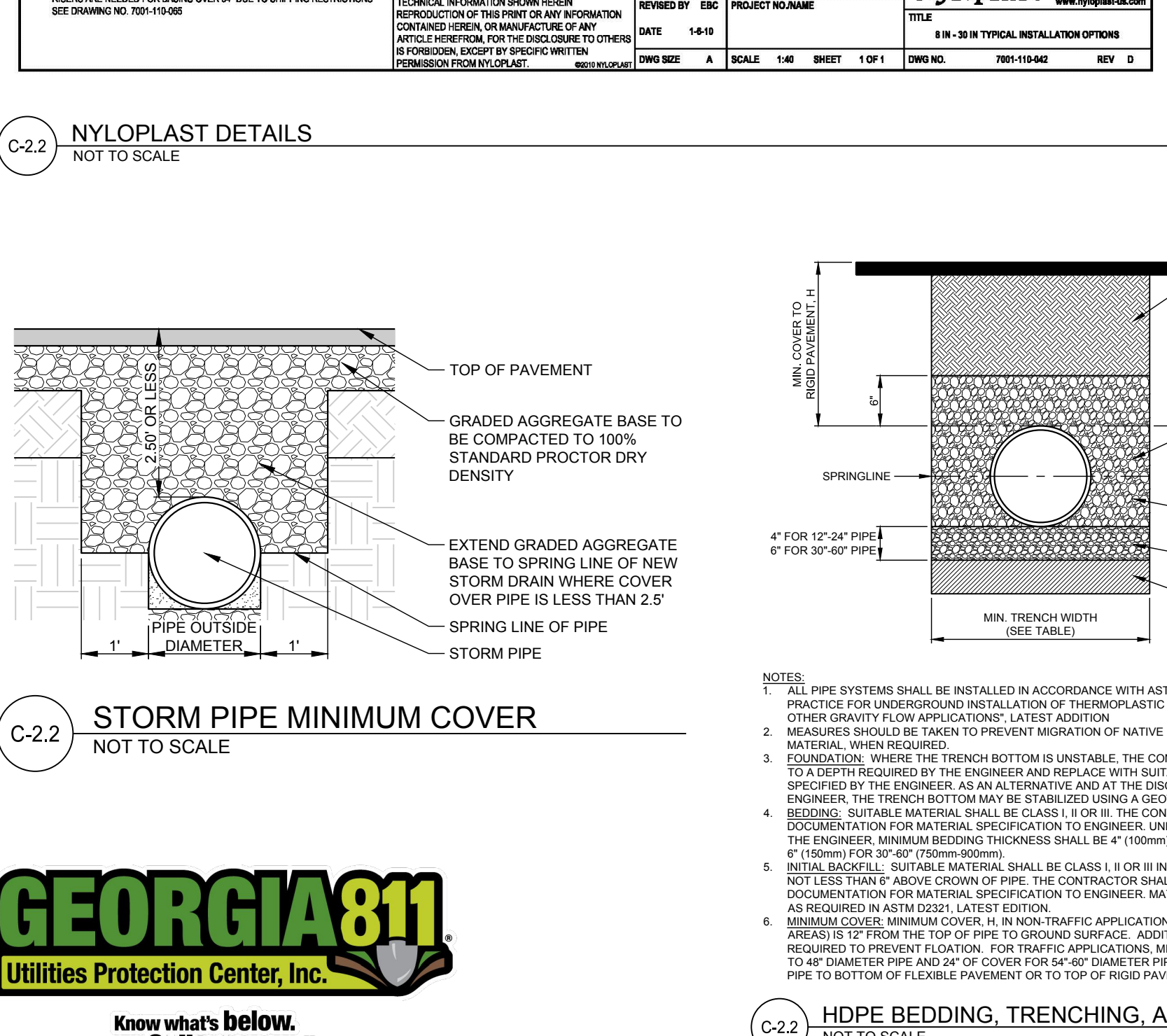


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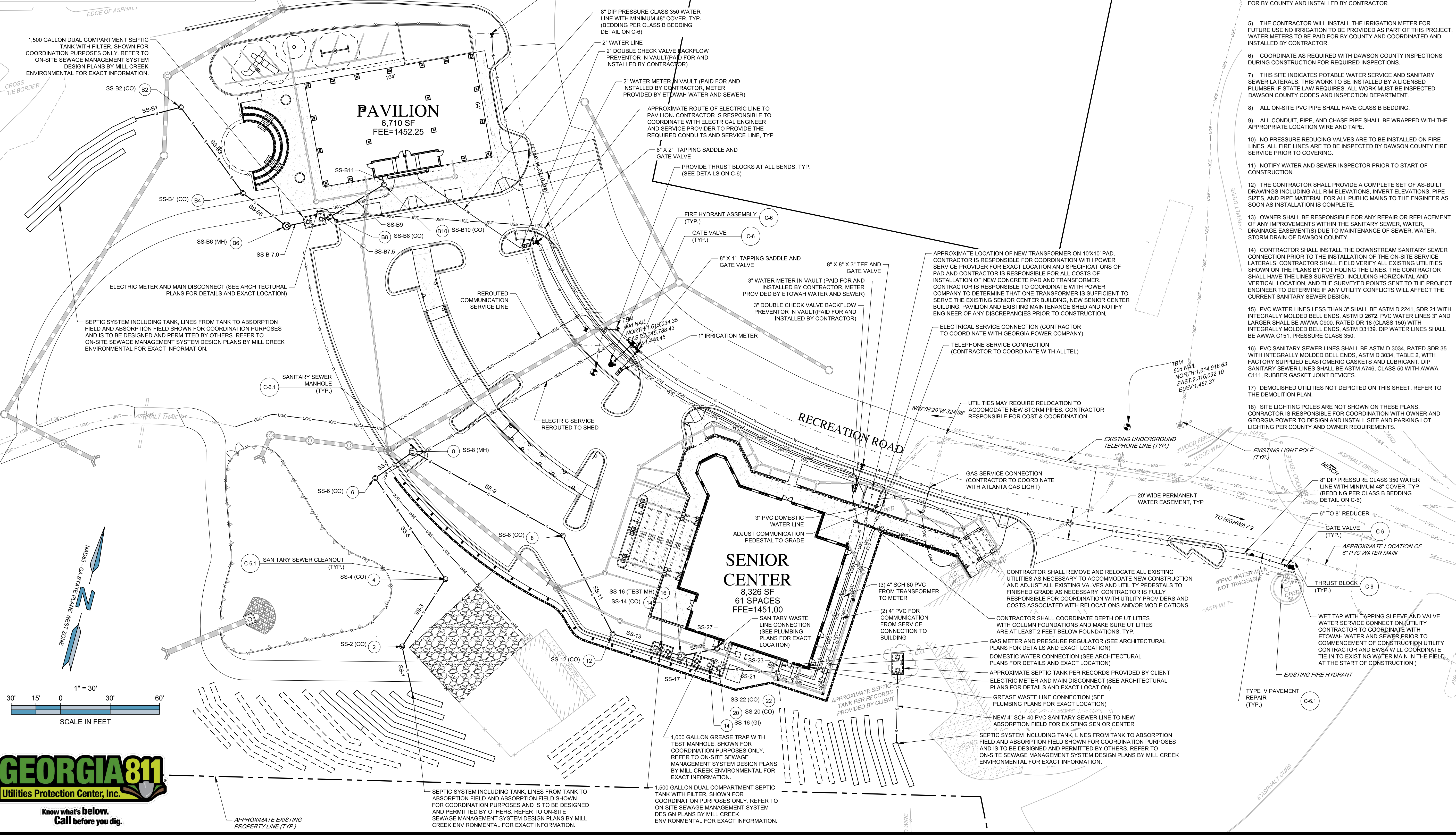


Know what's below. Call before you dig.

3/08/2019 10:32:05 AM
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FILENAME: F:\121.029 Dawson Senior Center - Dawson County, GA\DWG-C-3 Utilities Plan.dwg

	EXISTING FENCE LINE
	PROPERTY LINE
	EXISTING CABLE TELEVISION LINE
	EXISTING FIBER OPTIC LINE
	EXISTING OVERHEAD POWER LINE
	EXISTING UNDERGROUND POWER LINE
	EXISTING UNDERGROUND TELEPHONE LINE
	EXISTING GAS LINE
	EXISTING SANITARY SEWER LINE
	EXISTING WATER LINE
	EXISTING STORM LINE
	PROPOSED CABLE TELEVISION LINE
	PROPOSED FIBER OPTIC LINE
	PROPOSED OVERHEAD POWER LINE
	PROPOSED UNDERGROUND POWER LINE
	PROPOSED UNDERGROUND TELEPHONE LINE
	PROPOSED GAS LINE
	PROPOSED SANITARY SEWER LINE
	PROPOSED WATER LINE
	PROPOSED FIRE WATER LINE
	PROPOSED STORM LINE

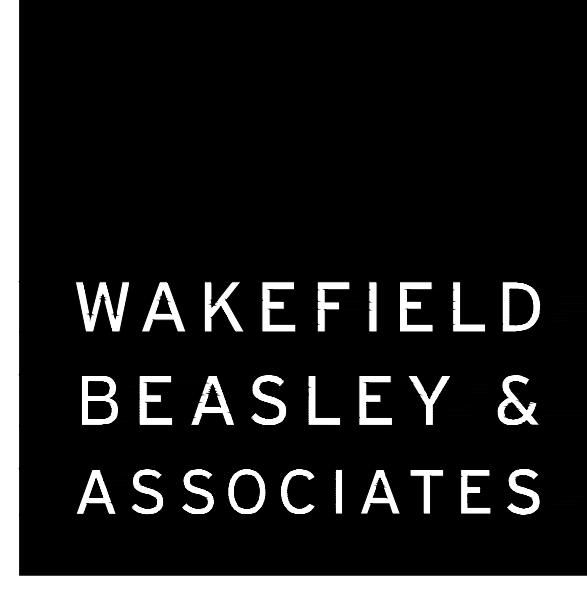
WATER SPIGOT AND CONTROL VALVE. LINES SERVING SPIGOT NOT TRACEABLE. CONTRACTOR IS RESPONSIBLE TO LOCATE WATER LINES PRIOR TO CONSTRUCTION AND RELOCATE AS NECESSARY TO ACCOMMODATE PROPOSED IMPROVEMENTS. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO ANY UTILITY DISRUPTION. THERE MAY BE OTHER UTILITIES NOT SHOWN HEREON THAT REQUIRE RELOCATION. CONTRACTOR IS FULLY RESPONSIBLE FOR COST AND COORDINATION.



UTILITY NOTES:

- 1) GEORGIA POWER COMPANY WILL PROVIDE UNDERGROUND ELECTRICAL SERVICE FROM THE EXISTING SERVICE POLE TO THE TRANSFORMER PAD. CONTRACTOR MUST PROVIDE TWO (2) 4" PVC (SCH 80) CONDUITS AND A PULL STRING FROM THE EXISTING ELECTRICAL SERVICE POLE TO THE PROPOSED TRANSFORMER LOCATION. THE CONTRACTOR IS ALSO RESPONSIBLE FOR INSTALLING THREE (3) 4" PVC CONDUITS AND SECONDARY WIRING FROM THE TRANSFORMER PAD TO THE PROPOSED BUILDING. THE CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE POWER SERVICE INSTALLATION AND SHALL COORDINATE WITH THE POWER COMPANY FOR FINAL UNDERGROUND CONDUIT LOCATIONS.
- 2) SOUTHERN COMPANY GAS WILL PERFORM THE GAS SERVICE CONNECTION. INSTALL THE CONDUIT, AND SET THE METER FOR THE BUILDING. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE SERVICE FROM THE METER INTO THE PROPOSED BUILDING. CONTRACTOR MUST COORDINATE WITH SOUTHERN COMPANY GAS.
- 3) CONTRACTOR MUST PROVIDE AND INSTALL TWO (2) 4" PVC CONDUITS WITH PULL STRING, FROM THE EXISTING TELEPHONE SERVICE POLE TO THE TELEPHONE BOARD IN THE BUILDING. THE CONTRACTOR MUST ALSO PROVIDE A #6 GROUND WIRE AT THE TELEPHONE BOARD FOR THE TELEPHONE COMPANY TO INSTALL A PHONE LINE.
- 4) ETOWAH WATER AND SEWER AUTHORITY WILL FURNISH THE DOMESTIC WATER METER. THE CONTRACTOR MUST TAP THE EXISTING WATER LINE. PROVIDE AND INSTALL THE METER BOX, DOUBLE CHECK BACKFLOW PREVENTER AND ENCLOSURE, AND THE WATER SERVICE LINE FROM THE WATER METER TO THE BUILDING. WATER METERS TO BE PAID FOR BY COUNTY AND INSTALLED BY CONTRACTOR.
- 5) THE CONTRACTOR WILL INSTALL THE IRRIGATION METER FOR FUTURE USE NO IRRIGATION TO BE PROVIDED AS PART OF THIS PROJECT. WATER METERS TO BE PAID FOR BY COUNTY AND COORDINATED AND INSTALLED BY CONTRACTOR.
- 6) COORDINATE AS REQUIRED WITH DAWSON COUNTY INSPECTIONS DURING CONSTRUCTION FOR REQUIRED INSPECTIONS.
- 7) THIS SITE INDICATES POTABLE WATER SERVICE AND SANITARY SEWER LATERALS. THIS WORK TO BE INSTALLED BY A LICENSED PLUMBER IF STATE LAW REQUIRES. ALL WORK MUST BE INSPECTED DAWSON COUNTY CODES AND INSPECTION DEPARTMENT.
- 8) ALL ON-SITE PVC PIPE SHALL HAVE CLASS B BEDDING.
- 9) ALL CONDUIT, PIPE, AND CHASE PIPE SHALL BE WRAPPED WITH THE APPROPRIATE LOCATION WIRE AND TAPE.
- 10) NO PRESSURE REDUCING VALVES ARE TO BE INSTALLED ON FIRE LINES. ALL FIRE LINES ARE TO BE INSPECTED BY DAWSON COUNTY FIRE SERVICE PRIOR TO COVERING.
- 11) NOTIFY WATER AND SEWER INSPECTOR PRIOR TO START OF CONSTRUCTION.
- 12) THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF AS-BUILT DRAWINGS INCLUDING ALL RIM ELEVATIONS, INVERT ELEVATIONS, PIPE SIZES, AND PIPE MATERIAL FOR ALL PUBLIC MAINS TO THE ENGINEER AS SOON AS INSTALLATION IS COMPLETE.
- 13) OWNER SHALL BE RESPONSIBLE FOR ANY REPAIR OR REPLACEMENT OF ANY IMPROVEMENTS WITHIN THE SANITARY SEWER, WATER, DRAINAGE EASEMENT(S) DUE TO MAINTENANCE OF SEWER, WATER, STORM DRAIN OF DAWSON COUNTY.
- 14) CONTRACTOR SHALL INSTALL THE DOWNSTREAM SANITARY SEWER CONNECTION PRIOR TO THE INSTALLATION OF THE ON-SITE SERVICE LATERALS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES SHOWN ON THE PLANS BY POT-HOLING THE LINES. THE CONTRACTOR SHALL HAVE THE LINES SURVEYED, INCLUDING HORIZONTAL AND VERTICAL LOCATION, AND THE SURVEYED POINTS SENT TO THE PROJECT ENGINEER TO DETERMINE IF ANY UTILITY CONFLICTS WILL AFFECT THE CURRENT SANITARY SEWER DESIGN.
- 15) PVC WATER LINES LESS THAN 3" SHALL BE ASTM D 2241, SDR 21 WITH INTEGRALLY MOLDED BELL ENDS, ASTM D 2672. PVC WATER LINES 3" AND LARGER SHALL BE AWWA C900, RATED DR 18 (CLASS 150) WITH INTEGRALLY MOLDED BELL ENDS, ASTM D5139. DIP WATER LINES SHALL BE AWWA C151, PRESSURE CLASS 350.
- 16) PVC SANITARY SEWER LINES SHALL BE ASTM D 3034, RATED SDR 35 WITH INTEGRALLY MOLDED BELL ENDS, ASTM D 3034, TABLE 2, WITH FACTORY SUPPLIED ELASTOMERIC GASKETS AND LUBRICANT. DIP SANITARY SEWER LINES SHALL BE ASTM A746, CLASS 50 WITH AWWA C111, RUBBER GASKET JOINT DEVICES.
- 17) DEMOLISHED UTILITIES NOT SHOWN ON THIS SHEET. REFER TO THE DEMOLITION PLAN.
- 18) SITE LIGHTING POLES ARE NOT SHOWN ON THESE PLANS. CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OWNER AND GEORGIA POWER TO DESIGN AND INSTALL SITE AND PARKING LOT LIGHTING PER COUNTY AND OWNER REQUIREMENTS.

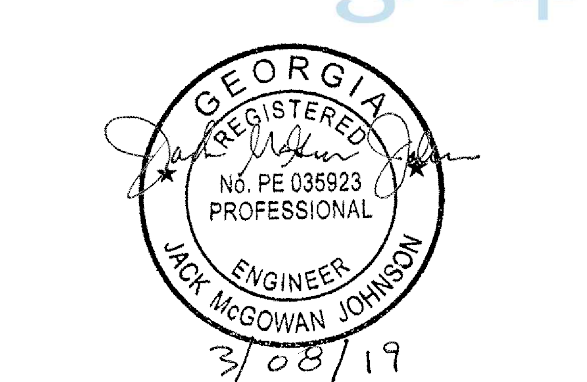
DESIGNING ARCHITECT



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DAWSONVILLE, GA 30534

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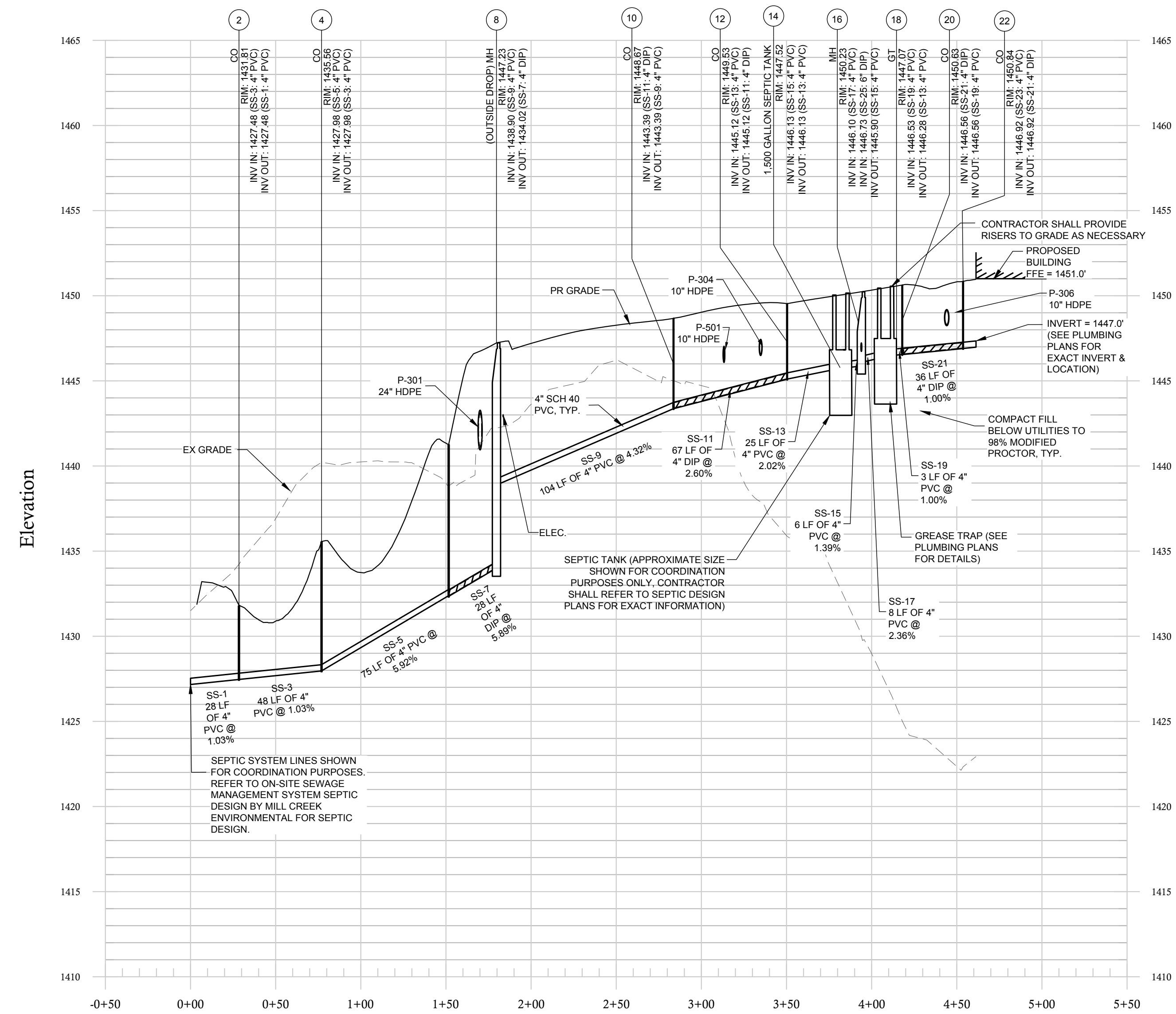
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PROJECT NUMBER
SHEET TITLE
UTILITIES PLAN
SHEET NUMBER
C-3



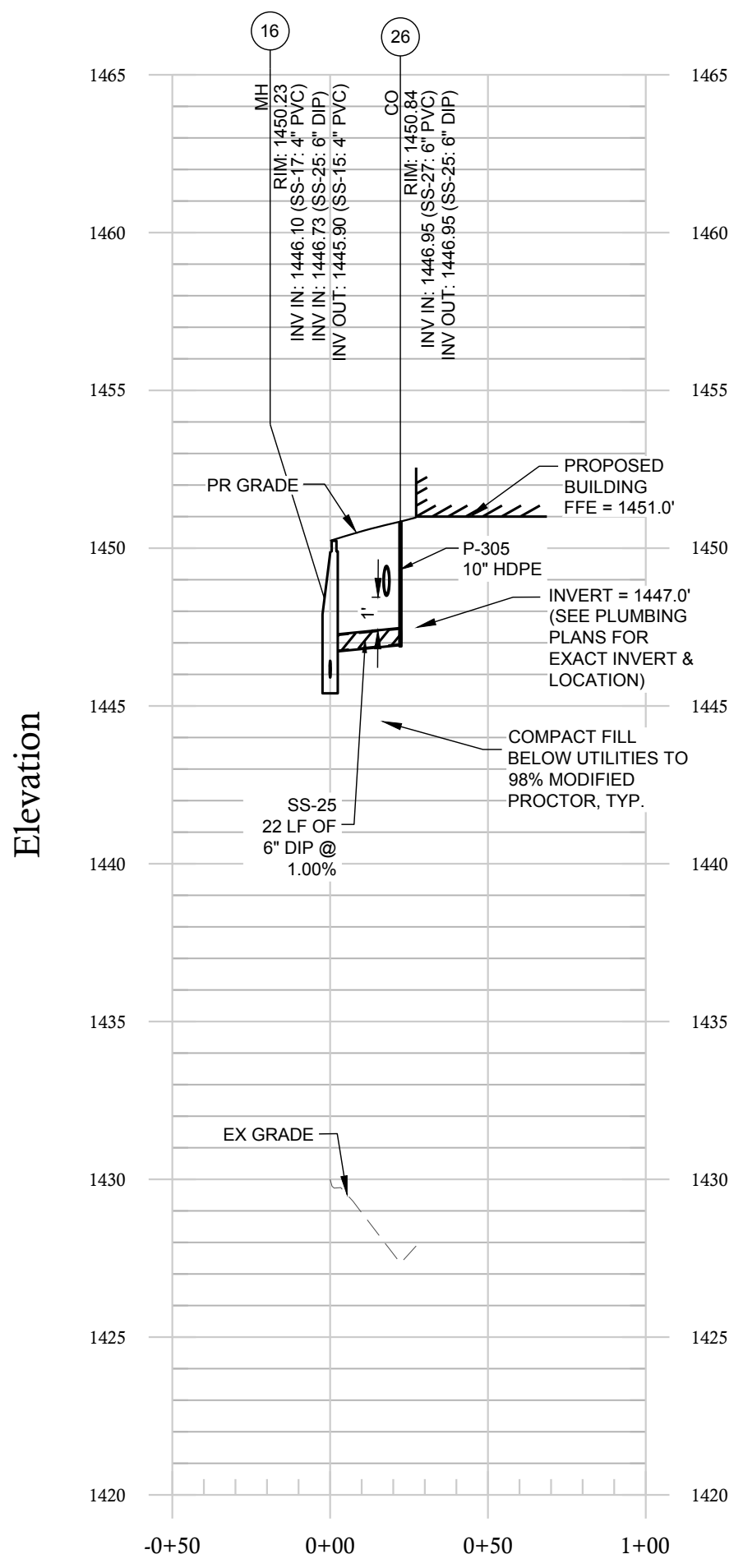
GENERAL NOTES:

- 1) PIPE LENGTHS REFLECT THE PIPES LINEAR LENGTH AND ARE SHOWN FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- 2) EXISTING UTILITY DEPTHS ARE APPROXIMATED BASED ON 4 FT COVER FROM THE EXISTING GROUND SURFACE. PROPOSED UTILITY DEPTHS ARE BASED ON 4 FT OF COVER FROM THE PROPOSED GROUND SURFACE. CONTRACTOR SHALL VERIFY ALL UTILITY DEPTHS AT CROSSING AND CONTACT ENGINEER IMMEDIATELY IF CONFLICTS ARE ENCOUNTERED.
- 3) CONTRACTOR TO FIELD VERIFY EXISTING ELEVATIONS OF UTILITIES IN RIGHT OF WAY TO AVOID CONFLICTS. CONTACT ENGINEER IMMEDIATELY IF FIELD ELEVATIONS DIFFER FROM THE DESIGN DRAWINGS.
- 4) MAINTAIN MINIMUM 2' OF COVER OVER METAL AND PLASTIC PIPES DURING CONSTRUCTION ACTIVITIES.
- 5) CONTRACTOR SHALL PROVIDE WATER AND SEWER ASBUILT SURVEY A MINIMUM OF 8 WEEKS PRIOR TO CERTIFICATE OF OCCUPANCY.

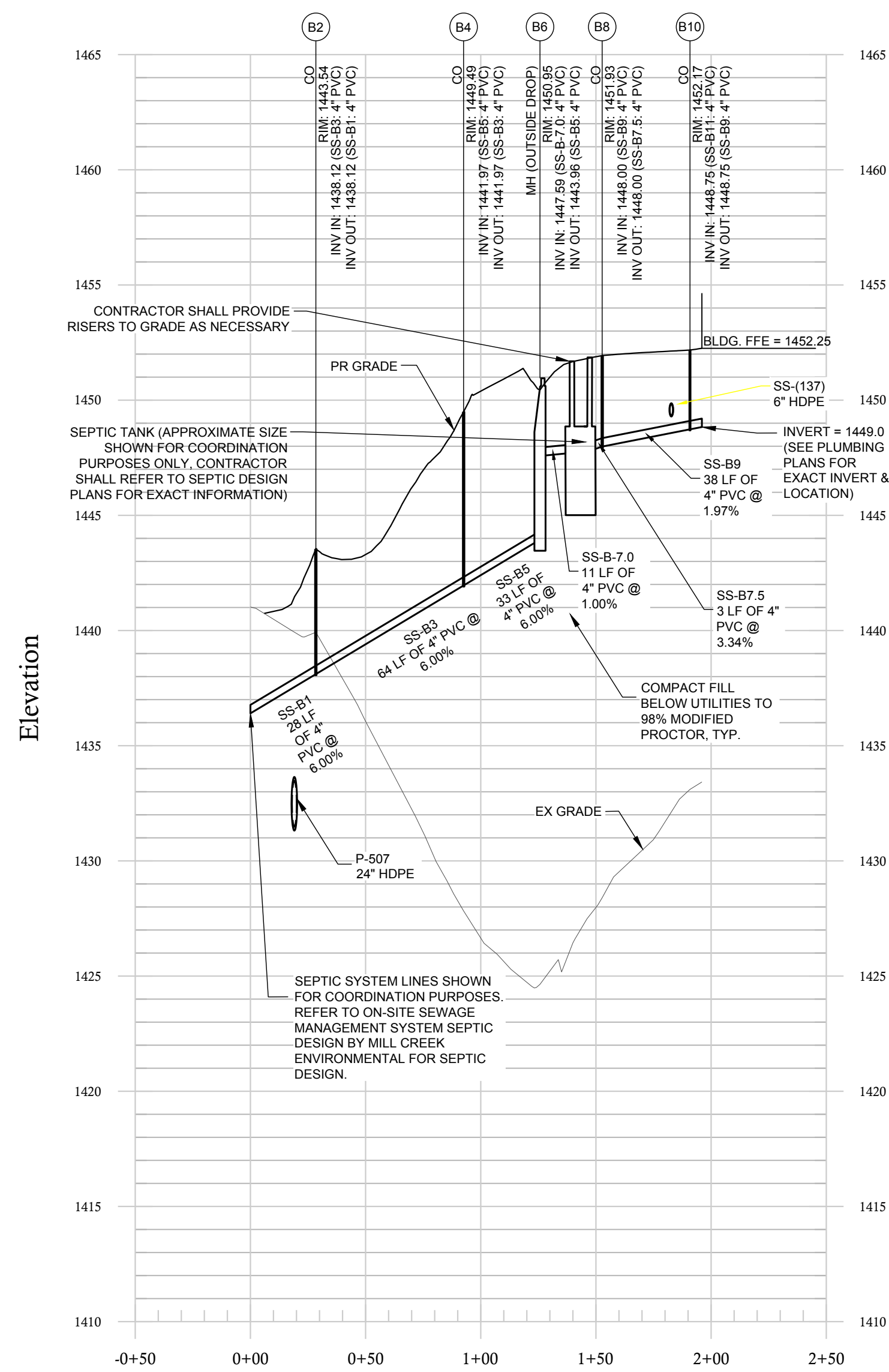
SANITARY SEWER 0-19
1" = 50' H, 1"=5' V



SANITARY SEWER 12-23
1" = 50' H, 1"=5' V



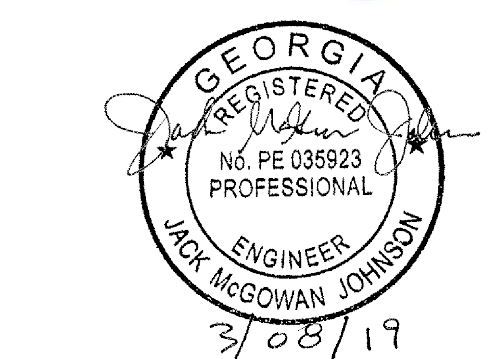
SANITARY LINE B (PAVILION)
1" = 50' H, 1"=5' V



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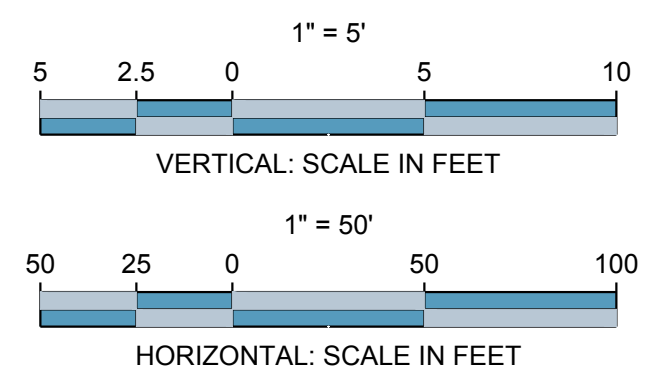
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DATE
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SHEET TITLE

SANITARY SEWER PROFILES

SHEET NUMBER
C-3.1



3/07/2019 8:24:19 PM
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 FILENAME: F:\121.029 Dawson Senior Center - Dawson County, GA\DWG\C4-ESPCP\Cover & Notes.dwg

EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLANS (ESPCP) FOR:

DAWSON COUNTY SENIOR CENTER EXPANSION

IN ACCORDANCE WITH GEORGIA NPDES PERMIT GAR #100001

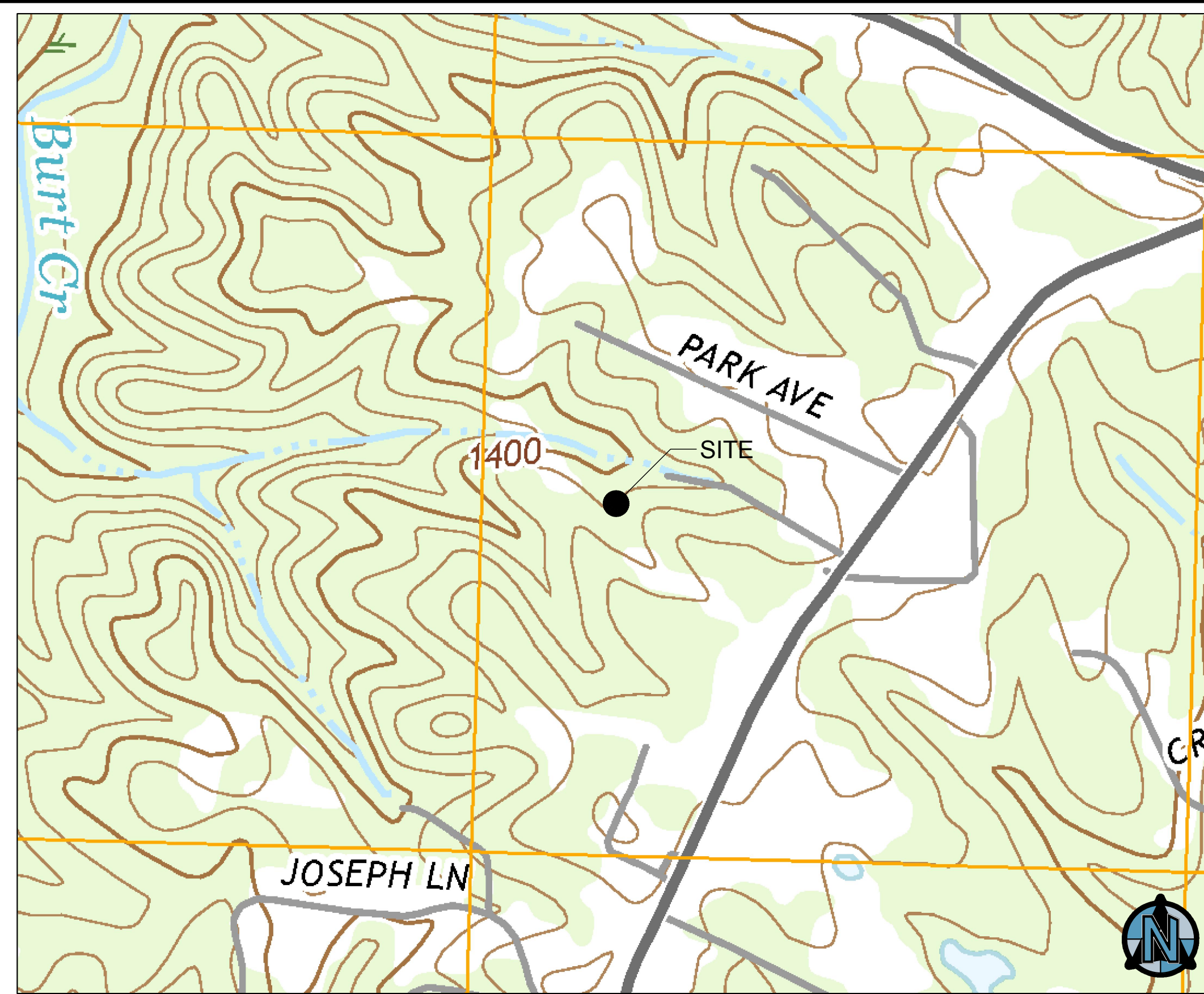
201 RECREATION RD

DAWSONVILLE, GA 30534

ESPCP SHEET INDEX

- C-4 EROSION, SEDIMENTATION, & POLLUTION CONTROL COVER
- C-4.1 EROSION, SEDIMENTATION, & POLLUTION CONTROL NOTES
- C-4.2 EROSION, SEDIMENTATION, & POLLUTION CONTROL NOTES
- C-4.3 INITIAL EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN
- C-4.4 INTERMEDIATE EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN
- C-4.5 FINAL EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN
- C-4.6 EROSION, SEDIMENTATION, & POLLUTION CONTROL DETAILS
- C-4.7 EROSION, SEDIMENTATION, & POLLUTION CONTROL DETAILS
- C-4.8 EROSION, SEDIMENTATION, & POLLUTION CONTROL DETAILS
- C-4.9 EROSION, SEDIMENTATION, & POLLUTION CONTROL DETAILS

SITE DISTURBED AREA = 7.5 AC



VICINITY MAP, SCALE: 1" = 500'

PHASE-I WATER SAMPLING LOCATION SCHEDULE									
MONITORING SITE	TYPE OF SITE (SEE KEY)	TOTAL BASIN AREA		ON-SITE BASIN AREA	RECOMMENDED FOR MONITORING	RECEIVING WATER NAME	IMPAIRED? ***	NTU LIMIT FROM PERMIT **	COLD WATER?
		ACRES	SQ. MI.						
MS-A	OF	10.09	0.016	10.09	YES	UNNAMED TRIBUTARY OF BURT CREEK	NO	75	NO

** O.C.G.A. Sec. 12-7-6 STATES "A discharge of STORMWATER runoff from disturbed areas where best management practices have not been properly designed, installed, and maintained shall constitute a separate violation of any land-disturbing permit issued by a local issuing authority or of any state general permit issued by the division pursuant to subsection (f) of Code Section 12-5-30 for each day on which such discharge results in the turbidity of receiving waters being increased by more than 25 nephelometric turbidity units for waters supporting warm water fisheries or by more than ten nephelometric turbidity units for waters classified as trout waters.

*** Impaired indicates the site discharges into, or is within one mile upstream of and within the same watershed, as a portion of an impaired stream segment for the criteria validated "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macroinvertebrate Community), within Category 4a, 4b, or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff) on the latest published impaired streams list maintained by the Georgia Environmental Protection Division.

KEY:
 OF: OUTFALL
 RW-D: RECEIVING WATER- DOWNSTREAM OF SITE
 RW-U: RECEIVING WATER- UPSTREAM OF SITE

* THESE SITES ARE NOT RECOMMENDED FOR THE FOLLOWING REASONS:
 <MS-C: FLOWS IN THIS CHANNEL AREA NOT ADEQUATELY CONCENTRATED TO SAMPLE.>

SITE DETAILS:

- 1) THE PROPOSED SITE IMPROVEMENTS INCLUDE A NEW SENIOR CENTER AND ASSOCIATED INFRASTRUCTURE INCLUDING A PARKING LOT, DETENTION FACILITY, AND UTILITIES.
- 2) TOTAL AREA OF THE SITE = 7.5 ACRES
- 3) CURVE NUMBER, EXISTING CONDITION = 66
- 4) CURVE NUMBER, DEVELOPED CONDITION = 72
- 5) THERE ARE NO KNOWN STATE WATERS PRESENT ON SITE. THERE ARE NO KNOWN STATE WATERS WITHIN 200 FEET OF THE SITE. APPROXIMATE LOCATION OF OFF-SITE WATERS AND RECEIVING WATER ARE SHOWN ON THE LOCATION MAP (THIS SHEET)
- 6) THERE ARE NO KNOWN WETLANDS ON THE SITE. ALL WETLANDS DELINEATED ARE SHOWN IN THIS PLAN.
- 7) NO PORTION OF THE SUBJECT PROPERTY LIES WITHIN A 100 YEAR FLOOD HAZARD AREA PER FIRM MAP NUMBER 13085C0103C DATED 2018-04-04

A COPY OF THIS APPROVED PLAN MUST BE RETAINED ON-SITE OR AT A READILY ACCESSIBLE LOCATION

THIS PLAN SHALL BE AMENDED WHEN A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE HAS A SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT (INCLUDING SpB, Sd2, Sd3, Sd4, Rt, Ss, Rd, AND OTHER MEASURES IN CONCENTRATED FLOW AREAS). SUCH AMENDMENTS MUST BE CERTIFIED BY THE ENGINEER.

CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY UPON START OF CONSTRUCTION IN ORDER FOR ENGINEER TO SCHEDULE THE INITIAL 7 DAY EROSION CONTROL INSPECTION. THE CONTRACTOR SHALL VERIFY THAT ALL EXISTING INITIAL BMP'S ARE INSTALLED PROPERLY. ALL COMPENSATION FOR DESIGN ENGINEER'S REINSPECTION TO VERIFY THAT THE INITIAL BMP'S ARE PROPERLY INSTALLED WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.



24 HR CONTACT:
 DAVID MCGHEE
 (706) 344-3501

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 5185 Peachtree Pkwy.
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 f | 770.368.1944
 w | www.fg-inc.net

ISSUED:
 MARCH 28, 2018
 121.029

ANTICIPATED ACTIVITY SCHEDULE						
BEGIN CONSTRUCTION: 04/01/2019		END CONSTRUCTION: 04/01/2020				
ACTIVITY	2.0 MTH	4.0 MTH	6.0 MTH	8.0 MTH	10.0 MTH	12.0 MTH
1 INSTALL SEDIMENT CONTROLS	█					
2 DEMOLITION	█	█				
3 CLEARING, GRUBBING, & GRADING	█	█	█			
4 GRASS TEMP	█	█	█	█		
5 BUILDING CONSTRUCTION		█	█	█	█	
6 MAINTAIN EROSION CONTROL	█	█	█	█	█	█
7 PAVING			█	█	█	
8 FINAL LANDSCAPING						█
9 DISPOSITION OF TEMP. SEDIMENT CONTROLS						█

DESIGN PROFESSIONAL CERTIFICATION

I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED. PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF THE BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001.

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

Jack McGowan Johnson 3/08/19
 SIGNATURE OF ENGINEER DATE
 00006080827 2019-03-24
 CERTIFICATION # EXPIRATION

OWNER CERTIFICATION

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT CERTIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

SIGNATURE OF OWNER DATE

SECONDARY PERMITTEES

A COMPLETE LIST OF SECONDARY PERMITTEES AND CONTACT INFORMATION SHOULD BE MAINTAINED IN THE SPACE BELOW, AND A COPY OF THE PLAN (AND ANY SUBSEQUENT REVISIONS TO THE PLAN) SHALL BE PROVIDED TO EACH SECONDARY PERMITTEE. EACH SECONDARY PERMITTEE SHALL SIGN A WRITTEN ACKNOWLEDGEMENT OF RECEIPT IN THE SPACE BELOW. THE RECORD OF ACKNOWLEDGEMENTS MUST REMAIN IN THE ON-SITE RECORDS.

1.	NAME _____	COMPANY _____	ADDRESS _____
	CITY/STATE/ZIP _____	LEVEL IA CERTIFICATION NO. _____	SIGNATURE _____
2.	NAME _____	COMPANY _____	ADDRESS _____
	CITY/STATE/ZIP _____	LEVEL IA CERTIFICATION NO. _____	SIGNATURE _____
3.	NAME _____	COMPANY _____	ADDRESS _____
	CITY/STATE/ZIP _____	LEVEL IA CERTIFICATION NO. _____	SIGNATURE _____



DESIGNING ARCHITECT

WAKEFIELD BEASLEY & ASSOCIATES

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DAWSON COUNTY SENIOR CENTER AND PAVILION
 201 RECREATION RD
 DAWSONVILLE, GA 30534

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Print Record
 2019-01-14 SCHEMATIC DESIGN PACKAGE
 2019-02-04 BID PACKAGE
 2019-03-08 GRANT REVIEW DOCUMENTS

Revisions

No.	Date	Description

RELEASED FOR CONSTRUCTION

DATE
 PROJECT NUMBER

EROSION, SEDIMENTATION, & POLLUTION CONTROL COVER

SHEET NUMBER
C-4

3/20/2019 8:24:19 PM SHEET NAME: EROSION, SEDIMENTATION, & POLLUTION CONTROL NOTES CONTROL NOTES SHEET NUMBER: C-4.2 PROJECT NAME: DAWSON COUNTY SENIOR CENTER EXPANSION COUNTY SENIOR CENTER EXPANSION FILENAME: F:\121 029 Dawson Senior Center - Dawson County, GA\DWCC-C4.ESPC Cover & Notes.dwg

CONSTRUCTION SEQUENCE (PART IV.D.1)

THE FOLLOWING SEQUENCE OF ACTIVITIES ARE TO BE IMPLEMENTED IN THE ORDER SHOWN, UNLESS INCLEMENT WEATHER, SITE CONDITIONS, REVISIONS, RECOMMENDATIONS FROM THE PRE-CONSTRUCTION CONFERENCE, OR OTHER REASON JUSTIFIES A DEVIATION FROM THE SCHEDULE. IF A DEVIATION IS UNDERTAKEN OR ANTICIPATED, THE LOCAL JURISDICTION SHALL BE NOTIFIED AND THE CHANGE OF SEQUENCE RECORDED IN THE DAILY LOG.

PHASE-I: CLEARING, GRADING, DEMOLITION, AND INSTALLATION OF INITIAL BMP'S

- 1) OBTAIN AND POST A COPY OF THE LAND DISTURBANCE PERMIT ON THE SITE. A COPY OF THE FILED NOTICE OF INTENT (NOI) AND DELIVERY RETURN RECEIPT SHOULD BE STORED WITH THE APPROVED CONSTRUCTION PLANS ON-SITE, ALONG WITH SETTING UP STORAGE FOR THE DAILY SAMPLING LOG AND FILING FOR REPORTS REQUIRED BY THE NPDES PERMIT. LAND DISTURBANCE CANNOT COMMENCE LESS THAN 14 DAYS FROM THE DATE ON THE DELIVERY RECEIPT.
2) SET UP A PRE-CONSTRUCTION CONFERENCE ON-SITE WITH THE OWNER, CONTRACTOR, DESIGN TEAM MEMBERS AS NEEDED, AND LOCAL ISSUING AUTHORITY TO REVIEW CONSTRUCTION REQUIREMENTS.
3) COORDINATE THE DISCONNECTION AND REMOVAL OF ANY EXISTING UTILITIES ON-SITE TO BE REMOVED OR ABANDONED. FIELD CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BY POT-HOULING.
4) STAKE LIMITS OF DISTURBED AREA AND TREE PROTECTION AREAS.
5) INSTALL TREE SAVE FENCINGS TO DELINEATE BUFFER AND TREE SAVE AREAS AS SHOWN ON THE PLAN.
6) CONSTRUCT THE CONSTRUCTION ENTRANCE(S) AT THE PROPOSED LOCATION(S) SHOWN ON THE PLANS. (TEMPORARY STREET ACCESS PERMITS MAY BE REQUIRED.)
7) INSTALL ALL PERIMETER SILT BARRIERS AS SHOWN ON THE PHASE-I PLAN SHEETS.
8) CLEAR AND GRUB ROUTES TO THE MINIMUM EXTENT NEEDED TO CONSTRUCT STRUCTURAL BEST MANAGEMENT PRACTICES IN CONCENTRATED FLOW AREAS SHOWN ON THE INITIAL PHASE PLAN. THIS INCLUDES EXCAVATED SEDIMENT TRAPS, SEDIMENT BASINS, ROCK DAMS, SILT GATES, AND DIVERSIONS.
9) INSTALL STRUCTURAL BMP'S IN CONCENTRATED FLOW AREAS WITH MINIMAL DISTURBANCE TO ADJACENT AREAS.
10) INSTALL SKIMMER DEVICES ON STRUCTURAL BMP'S AS SHOWN ON THE INITIAL PHASE PLANS.
11) COMMENCE CLEARING, GRUBBING, AND DEMOLITION OPERATIONS. CONSTRUCT ALL REMAINING BMP'S SHOWN ON THE PHASE-I PLANS CONCURRENT WITH CLEARING AND GRUBBING OPERATIONS.
12) COMMENCE DEMOLITION ACTIVITY CONCURRENT WITH CLEARING AND GRUBBING ACTIVITY. CONSTRUCTION DEBRIS SHOULD BE SORTED FROM VEGETATIVE DEBRIS FOR PROPER DISPOSAL.
13) APPLY TEMPORARY VEGETATION (Dx1/Dx2) IN ACCORDANCE WITH PLANS AND NOTES FOR CLEARED AREAS.

PHASE-II: GRADING AND UTILITY CONSTRUCTION

- 1) CONSTRUCT ALL STRUCTURAL BMP'S SHOWN ON THE PHASE-II PLAN WHERE COMPLETION OF GRADING AND UTILITY CONSTRUCTION IS NOT NECESSARY FOR INSTALLATION.
2) COMMENCE ROUGH GRADING ON-SITE. INSTALL STRUCTURAL AND VEGETATIVE BMP'S AS SHOWN ON THE PHASE-II PLAN AS EACH AREA IS COMPLETED. FOR LARGE FILLS AND MAJOR EARTH MOVING ACTIVITIES THAT CHANGE CONVEYANCE OF STORMWATER RUNOFF, THE INSTALLATION OF DIVERSIONS, DOWN DRAINS, AND STRUCTURES ON THE PLANS SHOULD BE CONSTRUCTED TO MAINTAIN THE PROTECTION OF SLOPES AND ROUTING OF WATER TO THE PHASE-III STRUCTURAL STORAGE LOCATIONS. THIS MAY INCLUDE PHASED INSTALLATION OF DOWN DRAINS WITH DIVERSIONS ALONG THE FACE OF LARGE FILL AREAS.
3) INSTALL PERMANENT STORMWATER MANAGEMENT AREAS AS SHOWN, WHERE PERMANENT STORMWATER MANAGEMENT AREAS HAVE WATER QUALITY COMPONENTS. INSTALL SKIMMER OR RETROFITTING DEVICES AS SHOWN ON THE PLAN AND DO NOT CONSTRUCT WATER QUALITY DEVICES UNTIL FINAL STABILIZATION HAS TAKEN PLACE, WHERE INFILTRATION IS A PART OF A STORMWATER MANAGEMENT COMPONENT. MAINTAIN THE BOTTOM OF THE INFILTRATION AREA A MINIMUM OF SIX INCHES ABOVE FINAL GRADE. TO BE EXCAVATED ONCE FINAL STABILIZATION OF THE SITE IS COMPLETE.
4) CONSTRUCT TEMPORARY AND PERMANENT DRAINAGE STRUCTURES AS NECESSARY FOR CONVEYANCE DURING GRADING ACTIVITIES. INSTALL STORM OUTLET PROTECTION CONCURRENT WITH CONSTRUCTION OF ANY DRAINAGE OUTFALL.
5) AS FINAL GRADE OF SLOPES ARE ACHIEVED, TRACK OR BENCH AS SHOWN ON THE PLANS. INSTALL SLOPE STABILIZATION REQUIRED IN THE PLANS CONCURRENT WITH THE ESTABLISHMENT OF FINAL GRADE OF SLOPES AND CONVEYANCE CHANNELS.
6) INSTALL INLET SEDIMENT TRAPS CONCURRENT WITH THE CONSTRUCTION OF STORM DRAIN STRUCTURES. PROTECT INLETS WHERE EXCAVATION HAS NOT BEEN BACKFILLED AND INLET PROTECTION ESTABLISHED BY DIVERTING TO COMPLETED INLET SEDIMENT TRAPS.
7) SPREAD FERTILIZER AND GRASS SEED/SODDING ALONG WITH RECOMMENDED MULCHING (IF SEEDED) AS SOON AS FINAL GRADE IS ACHIEVED IN ACCORDANCE WITH THE PHASE-III PLAN SHEETS AND ANY APPLICABLE LANDSCAPE PLAN.
8) COMMENCE FINAL GRADING OF ALL ROADS, PARKING LOTS, AND BUILDING PADS.
9) EXCAVATE AND BACKFILL UTILITY CONSTRUCTION IN SECTIONS TO MINIMIZE OPEN EXCAVATION. WHERE UTILITIES ARE AT FINAL GRADE, PLACE PERMANENT SEEDING IN ACCORDANCE WITH PHASE-III PLANS.

PHASE-III - FINAL CONSTRUCTION, LANDSCAPING, AND PERMANENT STABILIZATION

- 1) AS SOON AS CONCRETE BUILDING PADS ARE POURED, ALL AREAS AROUND THE PADS AND STREET/PARKING AREAS ARE TO BE TEMPORARILY VEGETATED.
2) CONSTRUCT BUILDING PAD AND FOUNDATIONS.
3) CONSTRUCT ALL LEVEL SPREADERS AND MAINTAIN STORM OUTLET PROTECTION AT PIPE OUTLETS AS SHOWN ON THE PLANS.
4) PLACE GRADED AGGREGATE BASE FOR ROADS AND DRIVES. MODIFY ALL CURB INLET SEDIMENT TRAPS AS NEEDED, BOTH FOR DIVERSION OF WATER INTO THE RAISED THROATS AND FOR THE INLET. (S&2-P MAY BE INSTALLED ON THE GUTTER IN MOST CASES).
5) INSTALL CURBING AND SIDEWALKS. DURING THIS PHASE, CURBING MAY ACT AS A RUNOFF DIVERSION. THE CONTRACTOR MUST MAINTAIN CONVEYANCE AS SHOWN IN THE PLANS, WHICH MAY REQUIRE CONSTRUCTING A SEGMENT OF CURB AT A LATER DATE TO MAINTAIN PROPER CONVEYANCE OF STORMWATER.
6) AFTER A CURING TIME OF NO LESS THAN SEVEN DAYS, BACKFILL CURBS AND SMOOTH SHOULDER GRADES. PLACE FINAL LANDSCAPING/STABILIZATION ON SHOULDERS AS SOON AS SEASON AND CONSTRUCTION ACTIVITY ALLOWS. IF FINAL STABILIZATION WILL NOT BE IMMEDIATE, PLACE TEMPORARY SEEDING OR MULCH ON THE SHOULDERS.
7) PAVE ALL STREETS AND PARKING AREAS. SEDIMENT INLET TRAP PROTECTION MAY REQUIRE MODIFICATION TO MATCH PHASE-II PLAN.
8) ALL SEDIMENT PONDS AND PERIMETER SILT FENCE IS TO BE MAINTAINED FOR THE DURATION OF BUILDING AND SITE CONSTRUCTION. AT COMPLETION OF BUILDING/SITE INFRASTRUCTURE CONSTRUCTION, ALL AREAS ARE TO BE PERMANENTLY VEGETATED.
9) UPON FINAL STABILIZATION TO STORMWATER MANAGEMENT AREAS, INSTALLATION OF WATER QUALITY AND/OR INFILTRATION MEASURES SHALL BE COMPLETED IMMEDIATELY UPON COMPLETION. AS-BUILT SURVEYS OF THESE SHOULD BE COMPLETED AND PROVIDED TO THE ENGINEER FOR REVIEW. NOTE THAT IMPROPERLY CONSTRUCTED STORMWATER MANAGEMENT AREAS MAY RESULT IN ADDITIONAL LAND DISTURBANCE. CORRECTIVE ACTION, IF REQUIRED, SHOULD BE TAKEN BEFORE A NOTICE OF TERMINATION IS FILED.
10) UPON FINAL STABILIZATION OF 100% OF THE CONTRIBUTING ON-SITE DRAINAGE AREAS, REMOVE THE RESPECTIVE TEMPORARY STRUCTURAL BMP'S USE PERMANENT VEGETATIVE BMP'S AND LANDSCAPING SHOWN ON THE PHASE-III AND LANDSCAPE PLAN TO STABILIZE DISTURBED AREAS FROM STRUCTURAL BMP'S AS THEY ARE REMOVED.

NOTICE OF TERMINATION (NOT)

- 1) THE PRIMARY PERMITTEE IS TO SUBMIT A NOTICE OF TERMINATION ONCE THE FOUR FOLLOWING CRITERIA ARE MET:
A) THE ENTIRE STANDALONE DEVELOPMENT HAS UNDERGONE FINAL STABILIZATION;
B) ALL STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY THAT ARE AUTHORIZED BY THE NPDES PERMIT HAVE CEASED; AND
C) THE SITE IS IN COMPLIANCE WITH THIS PERMIT AND ALL TEMPORARY BMP'S HAVE BEEN REMOVED.
2) IF THE PRIMARY PERMITTEE HAS ELECTED TO SUBMIT NOIS FOR SEPARATE PHASES OF THE STANDALONE DEVELOPMENT, THE PHASE OR PHASES OF THE STANDALONE DEVELOPMENT ON THE NOT MUST CORRESPOND TO THE PHASE OR PHASES IN THE NOI.

GEORGIA UNIFORM CODING SYSTEM FOR EROSION AND SEDIMENT CONTROL PRACTICES

Table with columns: CODE, PRACTICE, DETAIL, SYMBOL, DESCRIPTION. Includes practices like Check Dam, Channel Stabilization, Construction Exit, Stream Diversion Channel, Diversions, Retaining Wall, Sediment Barrier, and various Inlet Sediment Traps.

Table with columns: CODE, PRACTICE, DETAIL, SYMBOL, DESCRIPTION. Includes practices like Inlet Sediment Trap, Temporary Sediment Basin, Temporary Sediment Trap, Floating Surface Skimmer, Seep Berm, Temporary Stream Crossing, Storm Drain Outlet Protection, Surface Roughening, Turbidity Curtain, Turbidity Curtain Floating Turbidity Curtains, Topsoiling, Tree Protection, and Vegetated Waterway or Stormwater Conveyance Channel.

Table with columns: CODE, PRACTICE, DETAIL, SYMBOL, DESCRIPTION. Includes vegetative practices like Buffer Zone, Coastal Dune Stabilization, Disturbed Area Stabilization, Dust Control on Disturbed Areas, Flocclulants and Coagulants, Stream Bank Stabilization, Slope Stabilization, and Tackifiers and Binders.

GASWCC CHECKLIST

Checklist table with columns: SHEET, Y/N, NO., CHECKLIST DESCRIPTION. Lists various compliance items related to erosion and sediment control measures, including permit requirements, BMP installation, and site monitoring.

Soil Type table with columns: SOIL TYPE, DESCRIPTION. Lists FANNIN FINE SANDY LOAM and HAYESVILLE SANDY LOAM.

Legend table with columns: CODE, PRACTICE, DETAIL, SYMBOL, DESCRIPTION. Defines symbols used in the construction plans for various practices.

SEE SHEET SERIES C-4 FOR EROSION AND SEDIMENTATION CONTROL PLANS



Know what's Below. Call before you dig.

DESIGNING ARCHITECT WAKEFIELD BEASLEY & ASSOCIATES logo and name.

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DAWSON COUNTY SENIOR CENTER AND PAVILION 201 RECREATION RD DAWSONVILLE, GA 30534

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Revisions table with columns: No., Date, Description. Lists revision details for the document.

RELEASED FOR CONSTRUCTION DATE PROJECT NUMBER EROSION, SEDIMENTATION, & POLLUTION CONTROL NOTES SHEET NUMBER C-4.2

SHEET NAME: INITIAL EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN SHEET NUMBER: C-4.3 PROJECT NAME: DAWSON COUNTY SENIOR CENTER EXPANSION COUNTY SENIOR CENTER EXPANSION
 FILENAME: F:\121\029 Dawson Senior Center - Dawson County, GADWGC-C-4.3.ESPC Initial Plan.dwg 3/08/19 1:08:44 PM

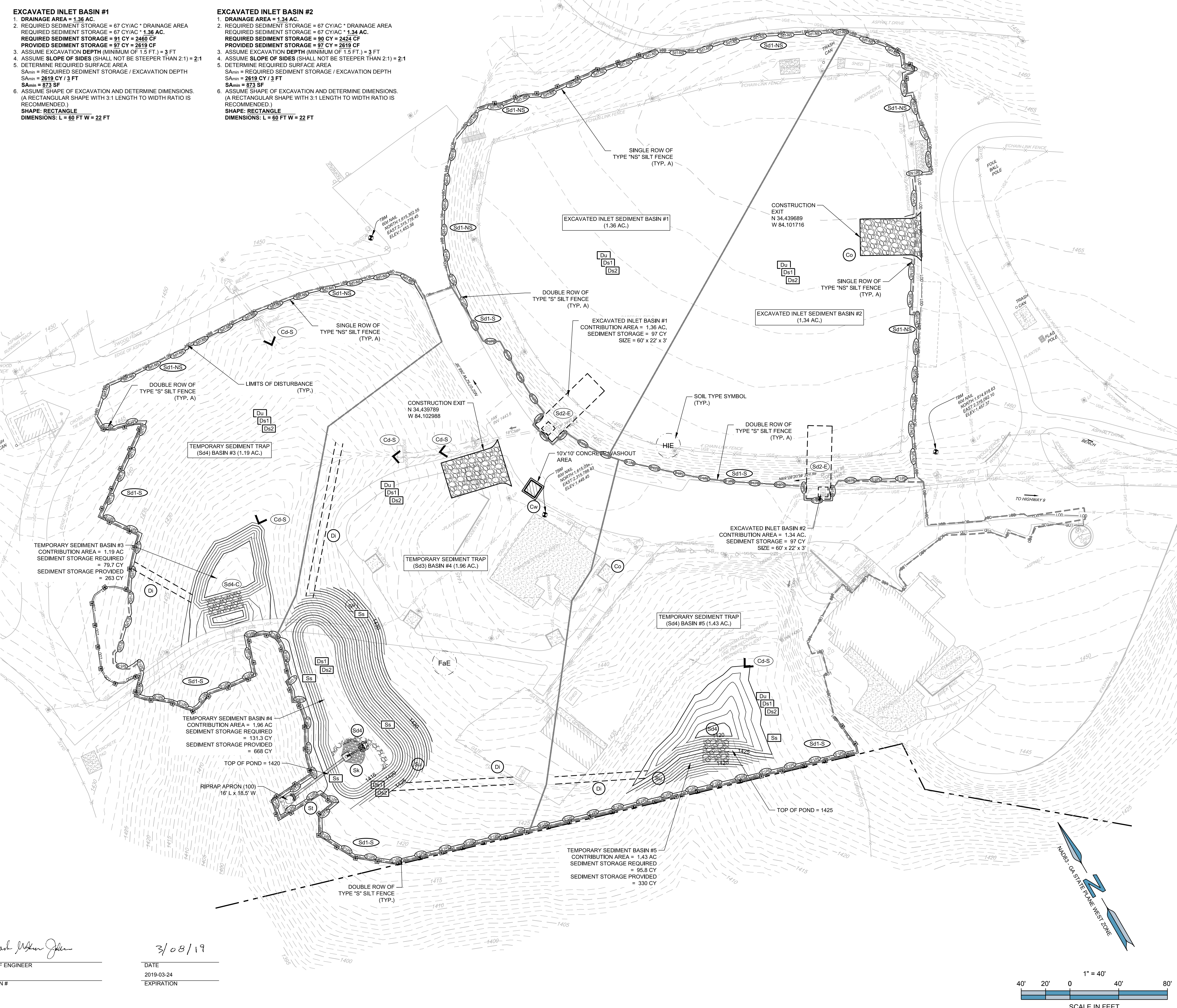
SITE DATA

LAND LOTS 248 & 249, 13TH DISTRICT	
TOTAL SITE AREA =	7.286 AC.
TOTAL DISTURBED AREA =	7.5 AC.
TOTAL STORAGE REQUIRED =	498.51 CY.
STORAGE PROVIDED:	
Sd2 STORAGE PROVIDED =	194 CY.
Sd3 STORAGE PROVIDED =	668
Sd4 STORAGE PROVIDED =	593
TOTAL STORAGE PROVIDED =	1455 CY.

SOIL TYPE

FaE	FANNIN FINE SANDY LOAM, 10 TO 25 PERCENT SLOPE
HIE	HAYESVILLE SANDY LOAM, 10 TO 25 PERCENT SLOPES

- EROSION NOTES:**
1. THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL TAKE PLACE PRIOR TO OR CONCURRENT WITH ALL LAND DISTURBING ACTIVITIES THROUGHOUT THE ENTIRE PROJECT.
 2. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
 3. EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
 4. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, ALL LAND DISTURBING ACTIVITIES THROUGHOUT THE ENTIRE PROJECT.
 5. THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE ACCUMULATED SILT IS ONE-THIRD (1/3) FULL FOR ALL EROSION & SEDIMENT CONTROL STRUCTURES.
 6. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER.
 7. SEE ADDITIONAL EROSION CONTROL NOTES ON SHEETS C-4 THROUGH C-4.2



Signature of Engineer: *Joseph M. Johnson*
 DATE: 3/08/19
 PROJECT NUMBER: 2019-03-24
 EXPIRATION: 2019-03-24
 CERTIFICATION #: 000006080827

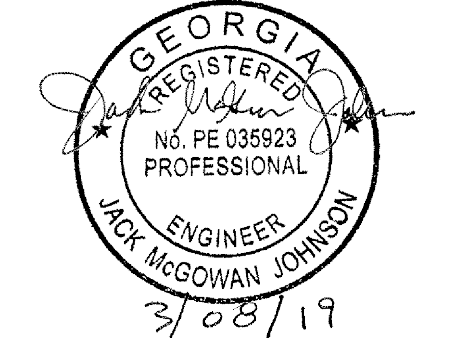
DESIGNING ARCHITECT

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DAWSON COUNTY SENIOR CENTER AND PAVILION
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Print Record
 2019-01-14 SCHEMATIC DESIGN PACKAGE
 2019-02-04 BID PACKAGE
 2019-03-08 GRANT REVIEW DOCUMENTS

Revisions

No.	Date	Description

RELEASED FOR CONSTRUCTION

DATE
 PROJECT NUMBER

INITIAL EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN

SHEET NUMBER
C-4.3

DATE: 03/08/19 1:05:34 PM
SHEET NAME: INTERMEDIATE EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN SHEET NUMBER: C-4.4 PROJECT NAME: DAWSON COUNTY SENIOR CENTER EXPANSION
FILENAME: F:\121029 Dawson Senior Center - Dawson County, GA\DWG\C-4.4 ESPC Intermediate Plan.dwg

SITE DATA	
LAND LOTS 248 & 249, 13TH DISTRICT	
TOTAL SITE AREA =	7.286 AC.
TOTAL DISTURBED AREA =	7.5 AC.
TOTAL STORAGE REQUIRED =	498.51 CY.
STORAGE PROVIDED:	
Sd2 STORAGE PROVIDED =	51.5 CY.
Sd3 STORAGE PROVIDED =	1435 CY.
Sd4 STORAGE PROVIDED =	265 CY.
SILT FENCE STORAGE =	65 CY.
TOTAL STORAGE PROVIDED =	1816.5 CY.

SOIL TYPE	
FaE	FANNING FINE SANDY LOAM, 10 TO 25 PERCENT SLOPE
H1E	HAYESVILLE SANDY LOAM, 10 TO 25 PERCENT SLOPES

EROSION NOTES:

1. THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL TAKE PLACE PRIOR TO OR CONCURRENT WITH ALL LAND DISTURBING ACTIVITIES THROUGHOUT THE ENTIRE PROJECT.
2. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
3. EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
4. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, ALL LAND DISTURBING ACTIVITIES THROUGHOUT THE ENTIRE PROJECT.
5. THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE ACCUMULATED SILT IS ONE-THIRD (1/3) FULL FOR ALL EROSION & SEDIMENT CONTROL STRUCTURES.
6. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER.
7. SEE ADDITIONAL EROSION CONTROL NOTES ON SHEETS C-4 THROUGH C-4.2

SILT FENCE SEDIMENT BASIN #1-A
1. DRAINAGE AREA = 1.31 AC.
2. REQUIRED SEDIMENT STORAGE = 67 CY/AC * DISTURBED AREA
REQUIRED SEDIMENT STORAGE = 67 CY/AC * 1.31 AC.
REQUIRED SEDIMENT STORAGE = 87.8 CY = 2370 CF
PROVIDED SEDIMENT STORAGE = 18.75 CY = 506 CF
3. SEDIMENT CLEANOUT DEPTH (MINIMUM OF 1.5 FT.) = 1.5 FT
4. SLOPES = 3:1
5. SEDIMENT STORAGE (SF) PER LINEAR FOOT OF SILT FENCE
SF = 3/4 * 1.5 = 3.375 SF per LF
6. SILT FENCE PROVIDED FOR USE AS STORAGE = 150.0 LF
7. STORAGE VOLUME = 506 CF = 18.75 CY

SILT FENCE SEDIMENT BASIN #3-A
1. DRAINAGE AREA = 0.72 AC.
2. REQUIRED SEDIMENT STORAGE = 67 CY/AC * DISTURBED AREA
REQUIRED SEDIMENT STORAGE = 67 CY/AC * 0.72 AC.
REQUIRED SEDIMENT STORAGE = 48.2 CY = 1302 CF
PROVIDED SEDIMENT STORAGE = 27.5 CY = 743 CF
3. SEDIMENT CLEANOUT DEPTH (MINIMUM OF 1.5 FT.) = 1.5 FT
4. SLOPES = 3:1
5. SEDIMENT STORAGE (SF) PER LINEAR FOOT OF SILT FENCE
SF = 3/4 * 1.5 = 3.375 SF per LF
6. SILT FENCE PROVIDED FOR USE AS STORAGE = 220.0 LF
7. STORAGE VOLUME = 743 CF = 27.5 CY

EXCAVATED INLET BASIN #1-B
1. DRAINAGE AREA = 1.31 AC.
2. REQUIRED SEDIMENT STORAGE = 67 CY/AC * DRAINAGE AREA
REQUIRED SEDIMENT STORAGE = 67 CY/AC * 1.31 AC.
REQUIRED SEDIMENT STORAGE = 87.8 CY = 2370 CF
PROVIDED SEDIMENT STORAGE = 87.8 CY = 2370 CF
3. ASSUME EXCAVATION DEPTH (MINIMUM OF 1.5 FT.) = 1.5 FT
4. ASSUME SLOPE OF SIDES (SHALL NOT BE STEEPER THAN 2:1) = 2:1
5. DETERMINE REQUIRED SURFACE AREA
S_{Area} = REQUIRED SEDIMENT STORAGE / EXCAVATION DEPTH
S_{Area} = 1591 CY / 3 FT
S_{Area} = 530 SF
6. ASSUME SHAPE OF EXCAVATION AND DETERMINE DIMENSIONS.
(A RECTANGULAR SHAPE WITH 3:1 LENGTH TO WIDTH RATIO IS RECOMMENDED.)
SHAPE: RECTANGLE
DIMENSIONS: L = 50 FT W = 17 FT

SILT FENCE SEDIMENT BASIN #1-C
1. DRAINAGE AREA = 1.31 AC.
2. REQUIRED SEDIMENT STORAGE = 67 CY/AC * DISTURBED AREA
REQUIRED SEDIMENT STORAGE = 67 CY/AC * 1.31 AC.
REQUIRED SEDIMENT STORAGE = 87.8 CY = 2370 CF
PROVIDED SEDIMENT STORAGE = 18.75 CY = 506 CF
3. SEDIMENT CLEANOUT DEPTH (MINIMUM OF 1.5 FT.) = 1.5 FT
4. SLOPES = 3:1
5. SEDIMENT STORAGE (SF) PER LINEAR FOOT OF SILT FENCE
SF = 3/4 * 1.5 = 3.375 SF per LF
6. SILT FENCE PROVIDED FOR USE AS STORAGE = 150.0 LF
7. STORAGE VOLUME = 506 CF = 18.75 CY

SILT FENCE SEDIMENT BASIN #1-A
CONTRIBUTION AREA = 1.31 AC
SEDIMENT STORAGE REQUIRED = 87.8 CY
SEDIMENT STORAGE PROVIDED = 18.75 CY

OVER EXCAVATE AROUND THE INLET TO ALLOW FOR TEMPORARY SEDIMENT STORAGE

RIPRAP APRON (EXIST) 6' L x 7.25' W

EXCAVATED INLET BASIN #1-B
CONTRIBUTION AREA = 1.31 AC.
SEDIMENT STORAGE REQUIRED = 87.8 CY
SEDIMENT STORAGE PROVIDED = 18.75 CY

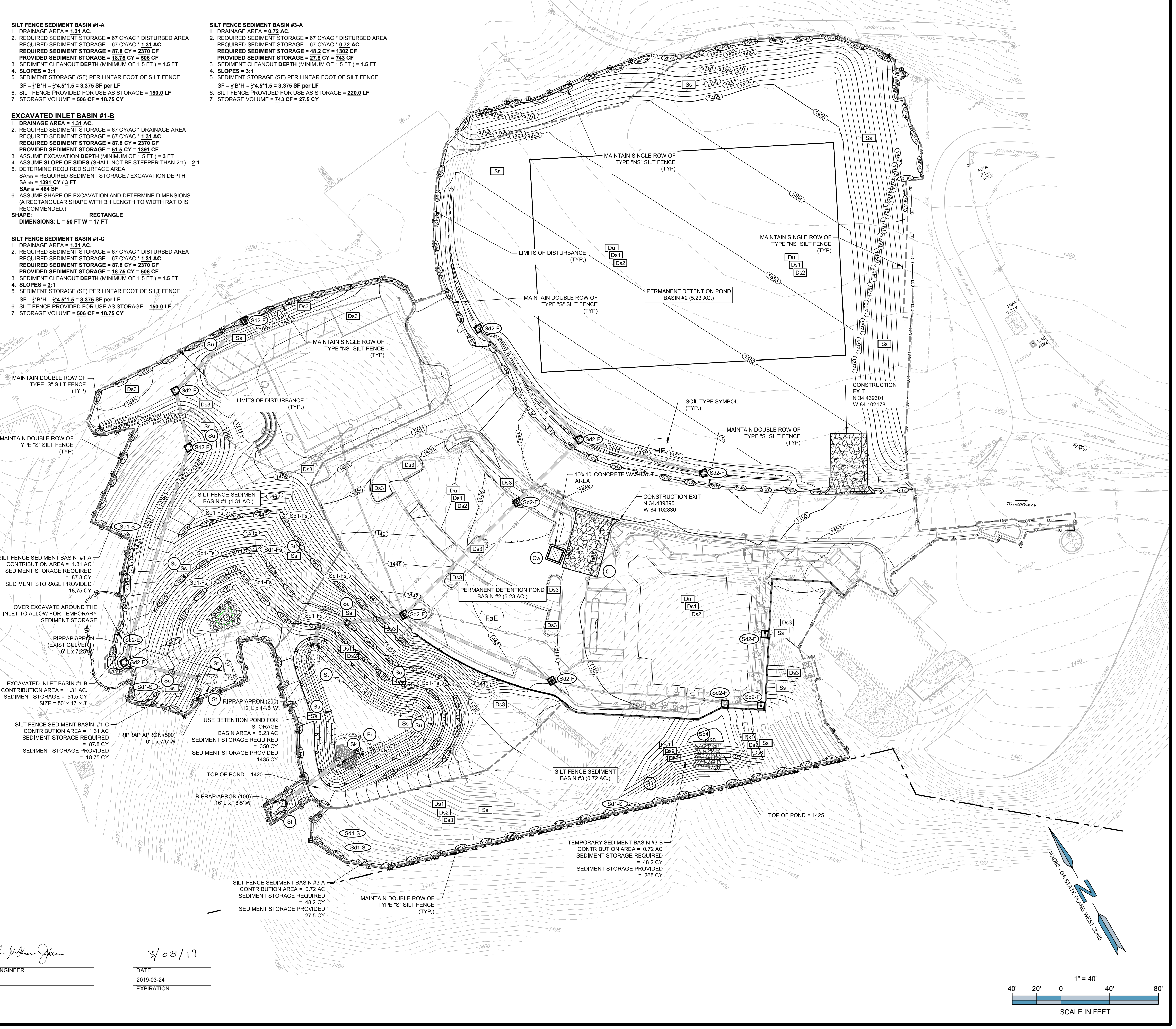
SILT FENCE SEDIMENT BASIN #1-C
CONTRIBUTION AREA = 1.31 AC
SEDIMENT STORAGE REQUIRED = 87.8 CY
SEDIMENT STORAGE PROVIDED = 18.75 CY

RIPRAP APRON (500) 6' L x 7.5' W
USE DETENTION POND FOR STORAGE
BASIN AREA = 5.23 AC
SEDIMENT STORAGE REQUIRED = 350 CY
SEDIMENT STORAGE PROVIDED = 1435 CY

TOP OF POND = 1420
RIPRAP APRON (100) 16' L x 18.5' W

SILT FENCE SEDIMENT BASIN #3-A
CONTRIBUTION AREA = 0.72 AC
SEDIMENT STORAGE REQUIRED = 48.2 CY
SEDIMENT STORAGE PROVIDED = 27.5 CY

TEMPORARY SEDIMENT BASIN #3-B
CONTRIBUTION AREA = 0.72 AC
SEDIMENT STORAGE REQUIRED = 48.2 CY
SEDIMENT STORAGE PROVIDED = 265 CY

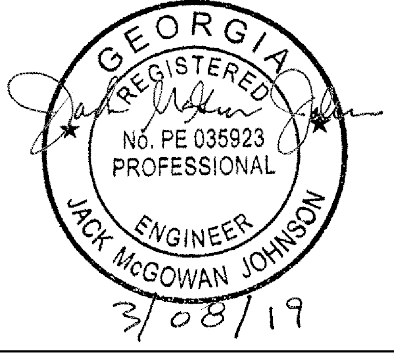


Josh M. Johnson
SIGNATURE OF ENGINEER
00000608027
CERTIFICATION #
DATE
2019-03-24
EXPIRATION
3/08/19



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Print Record
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Revisions

No.	Date	Description

RELEASED FOR CONSTRUCTION

DATE
PROJECT NUMBER
INTERMEDIATE EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN
C-4.4

3/08/2019 1:08:38 PM
SHEET NAME: FINAL EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN SHEET NUMBER: C-4.5 PROJECT NAME: DAWSON COUNTY SENIOR CENTER EXPANSION
FILENAME: F:\121\029 Dawson Senior Center - Dawson County, GA\DWG\C-4.5 ESDC Final Plan.dwg

SOIL TYPE	
FaE	FANNIN FINE SANDY LOAM, 10 TO 25 PERCENT SLOPE
HIE	HAYESVILLE SANDY LOAM, 10 TO 25 PERCENT SLOPES

- EROSION NOTES:**
- THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL TAKE PLACE PRIOR TO OR CONCURRENT WITH ALL LAND DISTURBING ACTIVITIES THROUGHOUT THE ENTIRE PROJECT.
 - ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
 - EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
 - THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, ALL LAND DISTURBING ACTIVITIES THROUGHOUT THE ENTIRE PROJECT.
 - THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE ACCUMULATED SILT IS ONE-THIRD (1/3) FULL FOR ALL EROSION & SEDIMENT CONTROL STRUCTURES.
 - MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER.
 - SEE ADDITIONAL EROSION CONTROL NOTES ON SHEETS C-4 THROUGH C-4.2



John McKen Johnson
SIGNATURE OF ENGINEER
00000608027
CERTIFICATION #

3/08/19
DATE
2019-03-24
EXPIRATION

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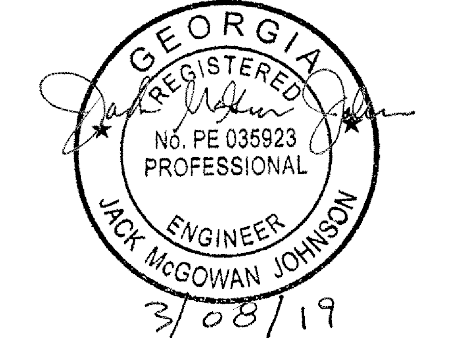
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No.	Date	Description

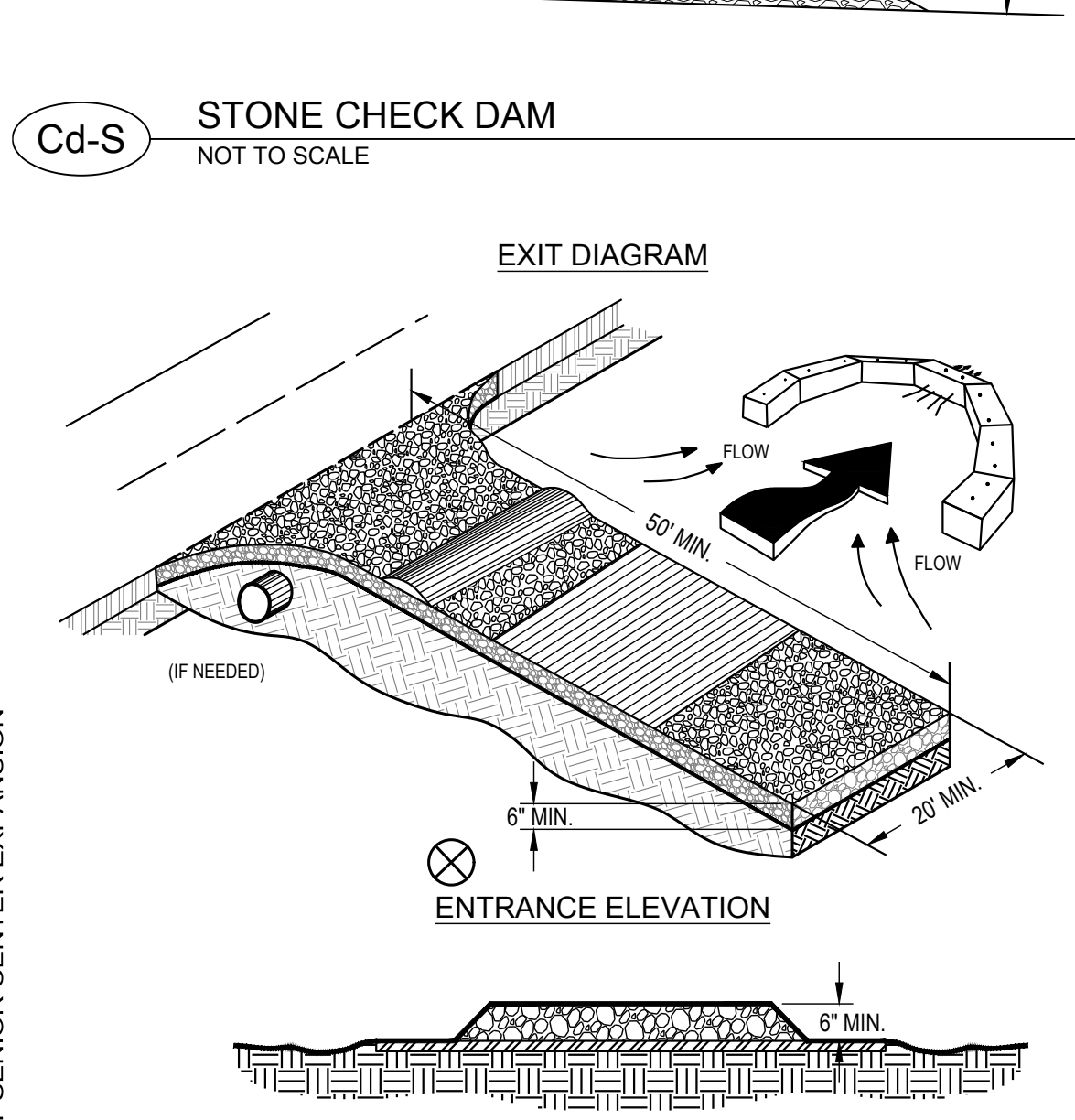
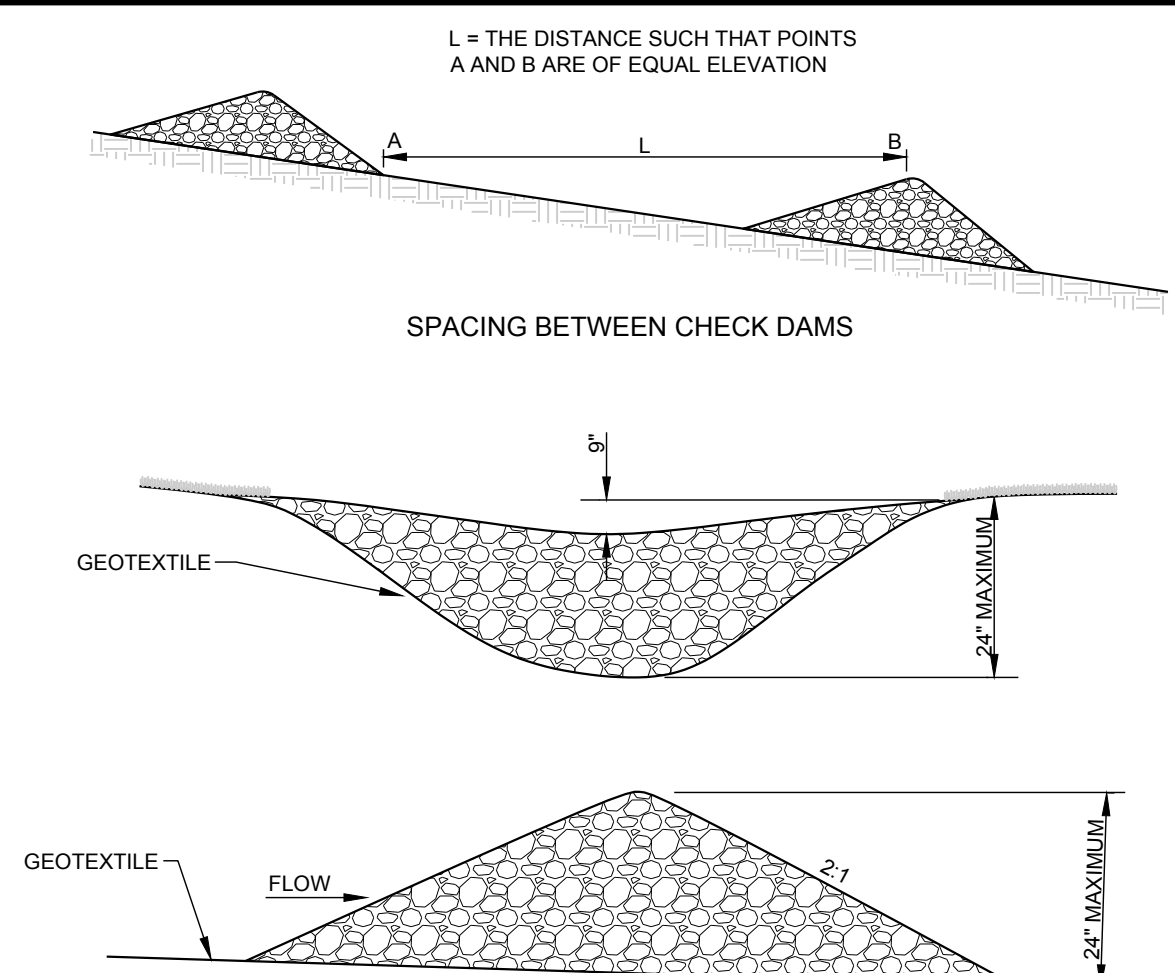
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PROJECT NUMBER

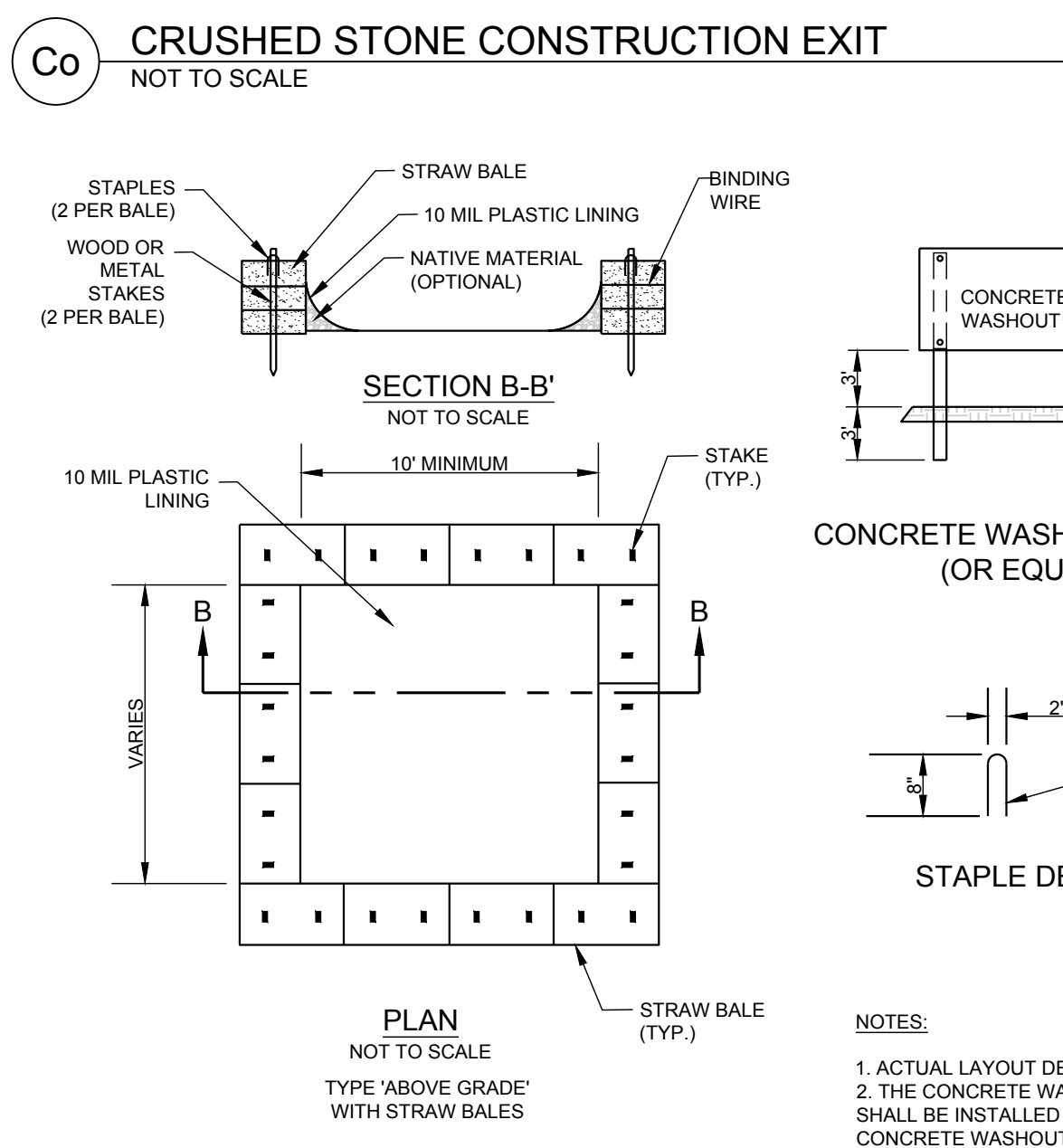
FINAL EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN

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C-4.5

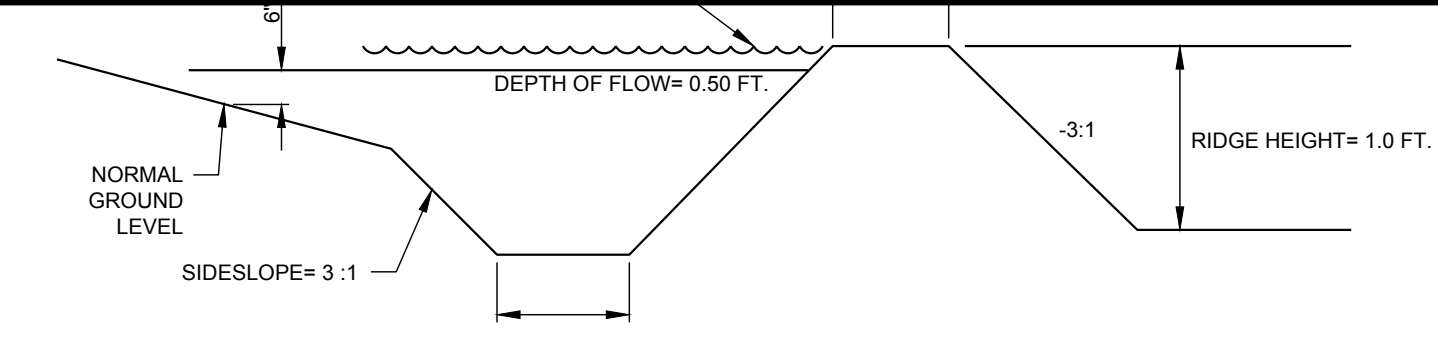
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FILENAME: F:\121029 Dawson Senior Center - Dawson County, GA\DWG\C-4.6 ESPC Details.dwg



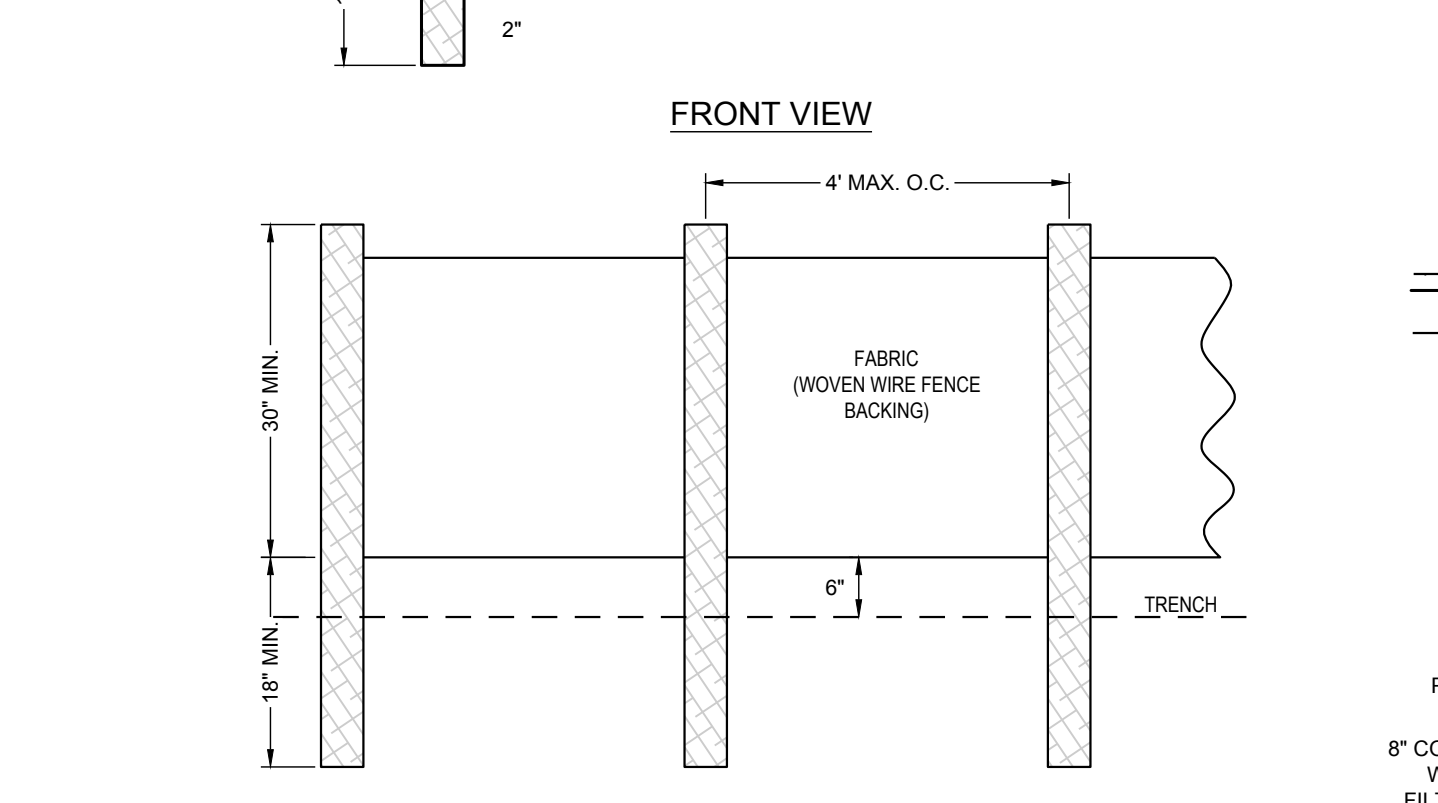
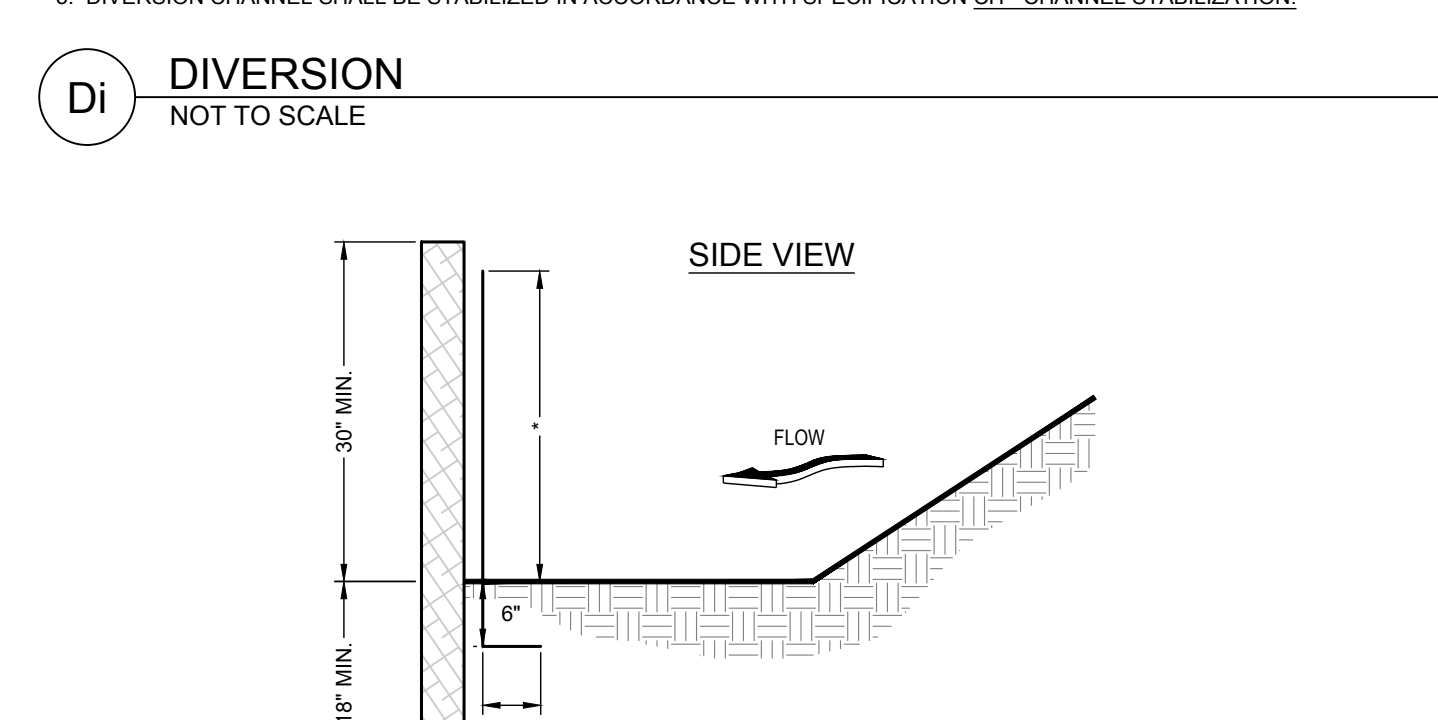
- NOTES:
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5" - 3.5" STONE).
4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20".
6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
9. WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.



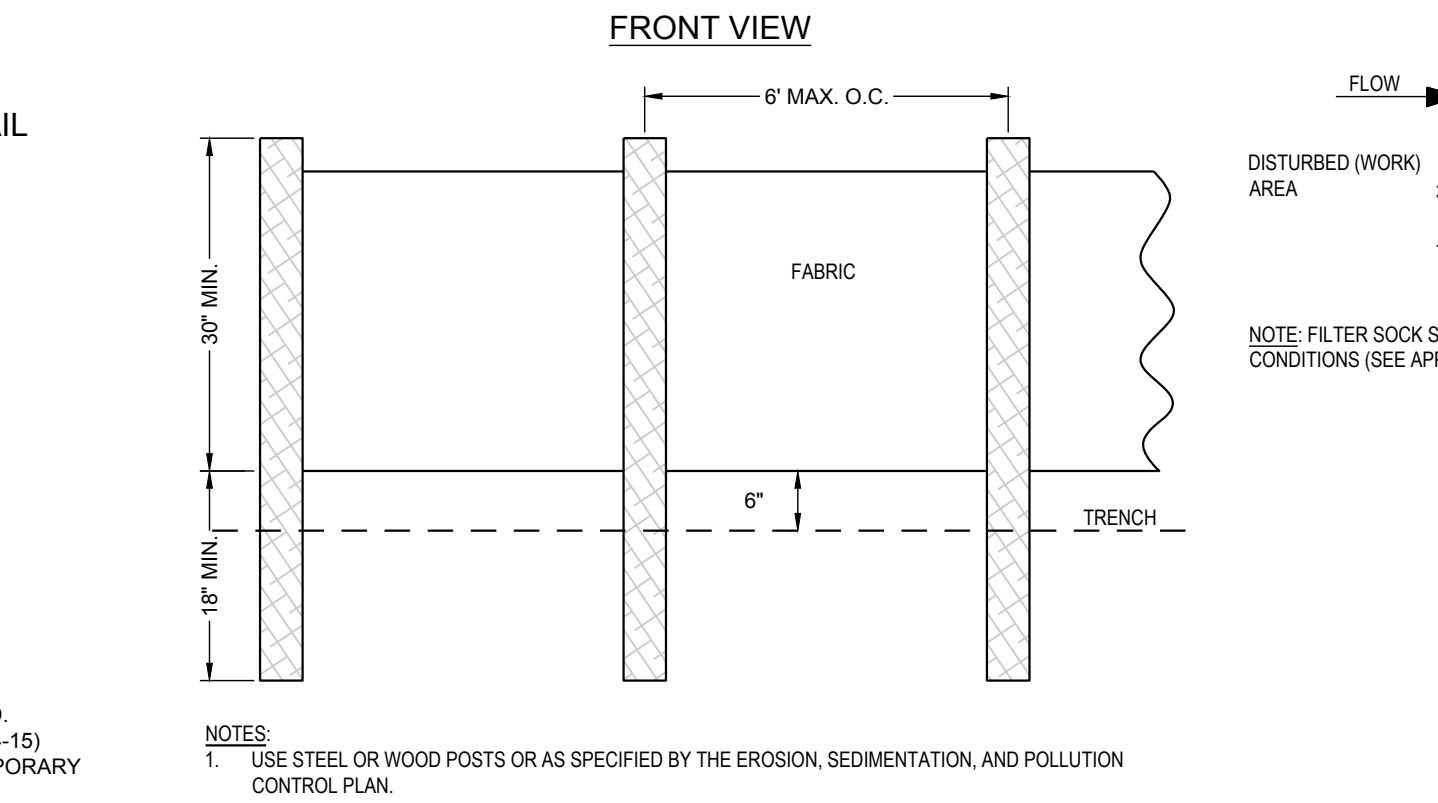
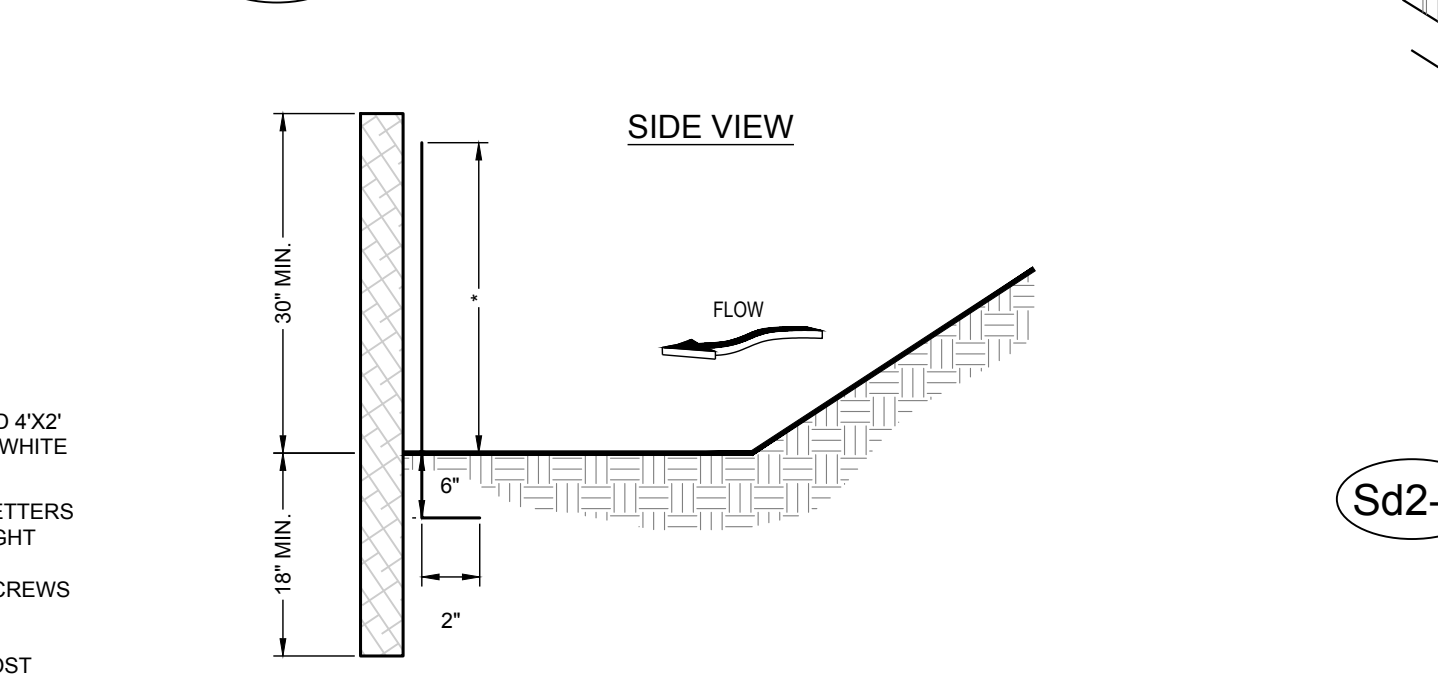
Cw



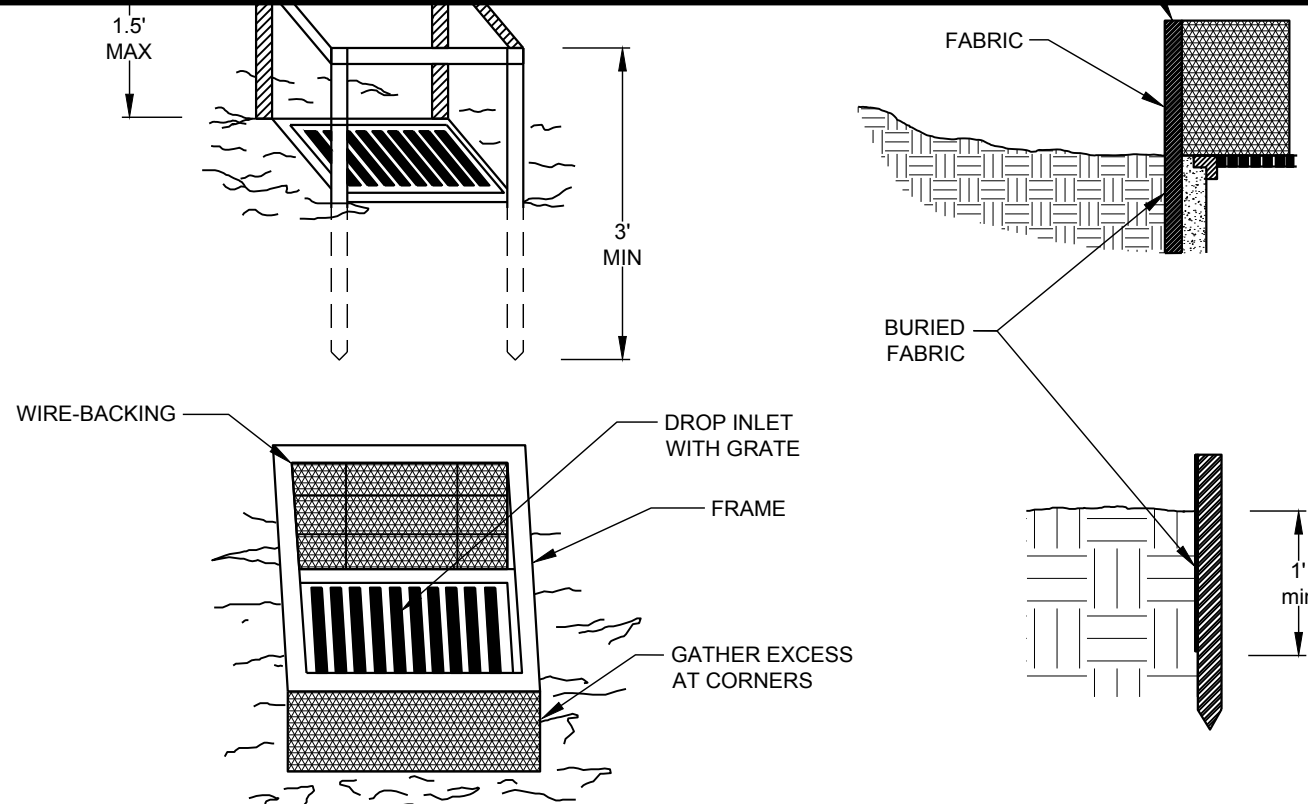
- NOTES:
1. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE DIVERSION.
2. THE DIVERSION SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND FREE OF IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
3. ALL FILLS SHALL BE MACHINE COMPACTED AS NEEDED TO PREVENT UNEQUAL SETTLEMENT THAT WOULD CAUSE DAMAGE IN THE COMPLETED DIVERSION.
4. ALL EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE DIVERSION.
5. DIVERSION CHANNEL SHALL BE STABILIZED IN ACCORDANCE WITH SPECIFICATION CH - CHANNEL STABILIZATION.



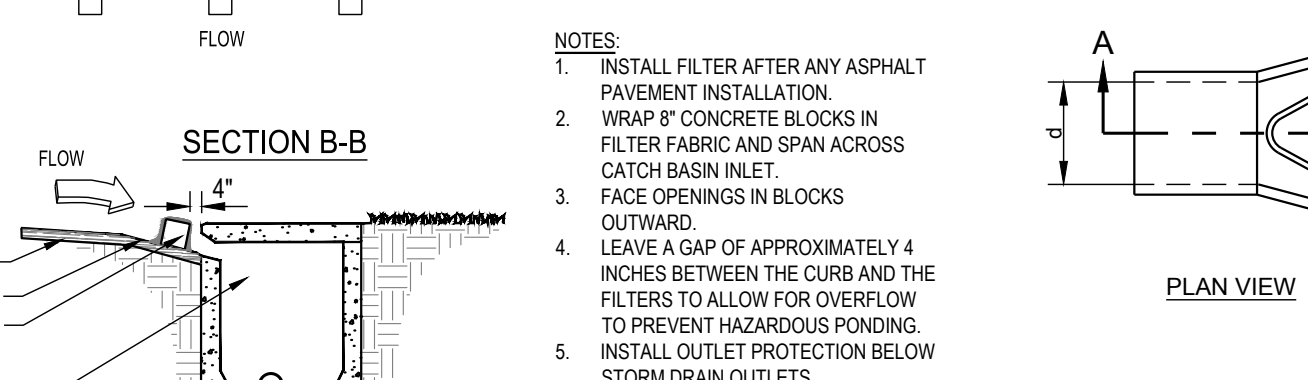
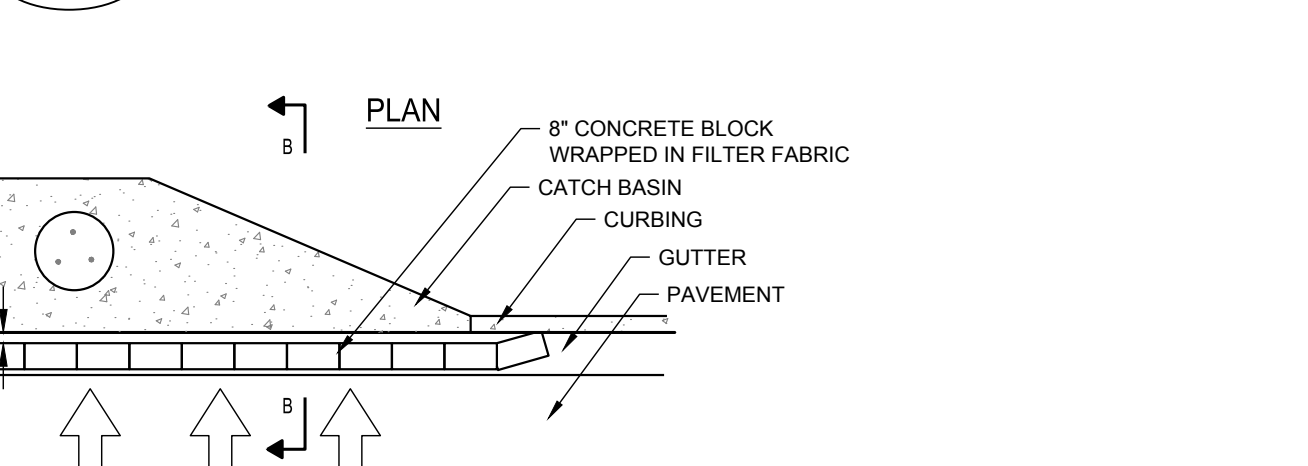
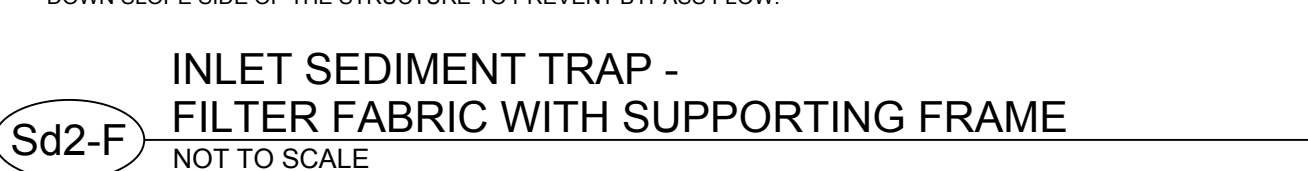
- NOTES:
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
2. HEIGHT (H) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.



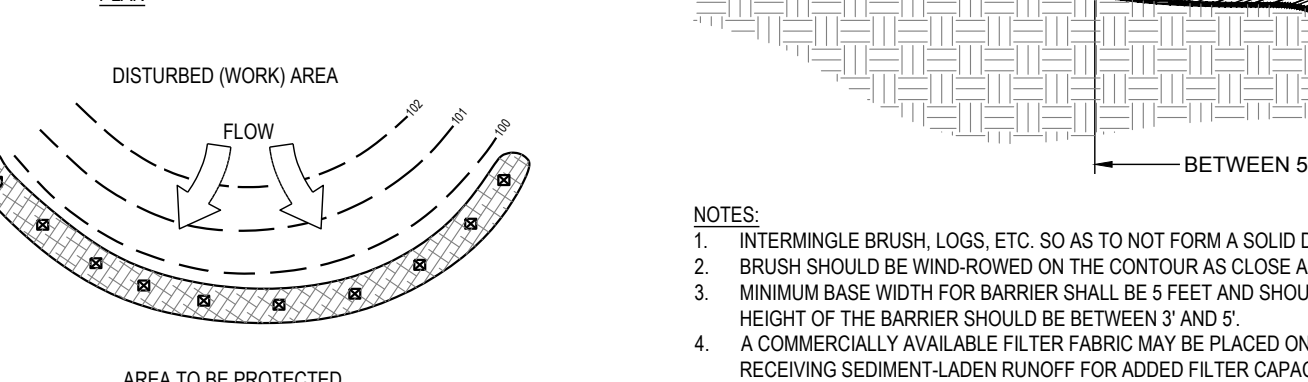
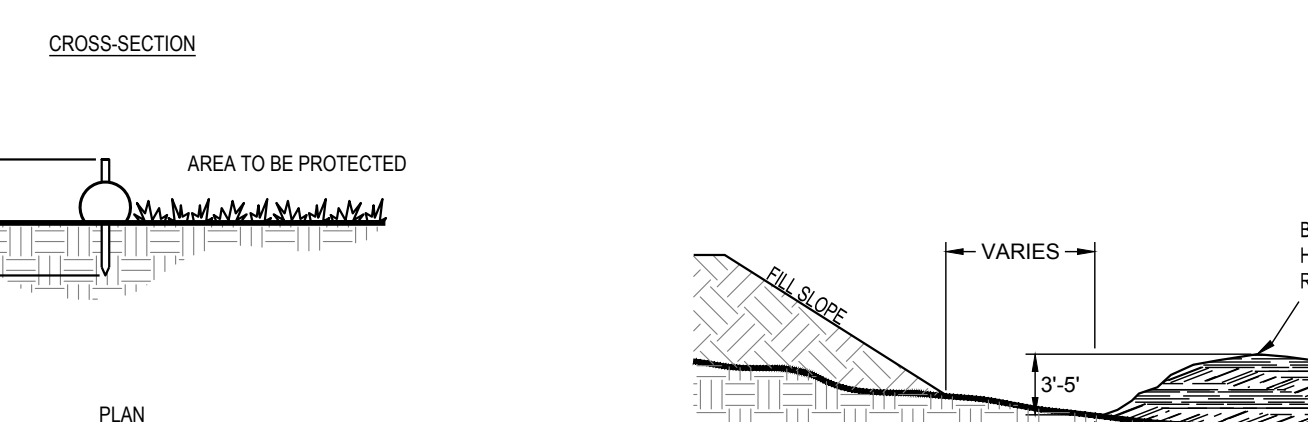
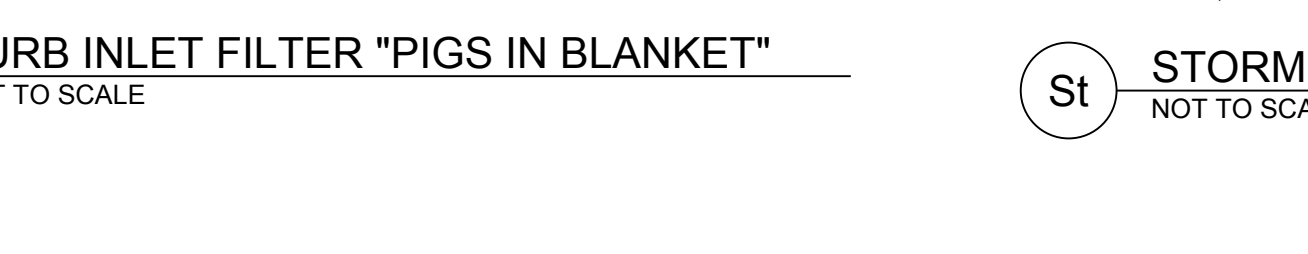
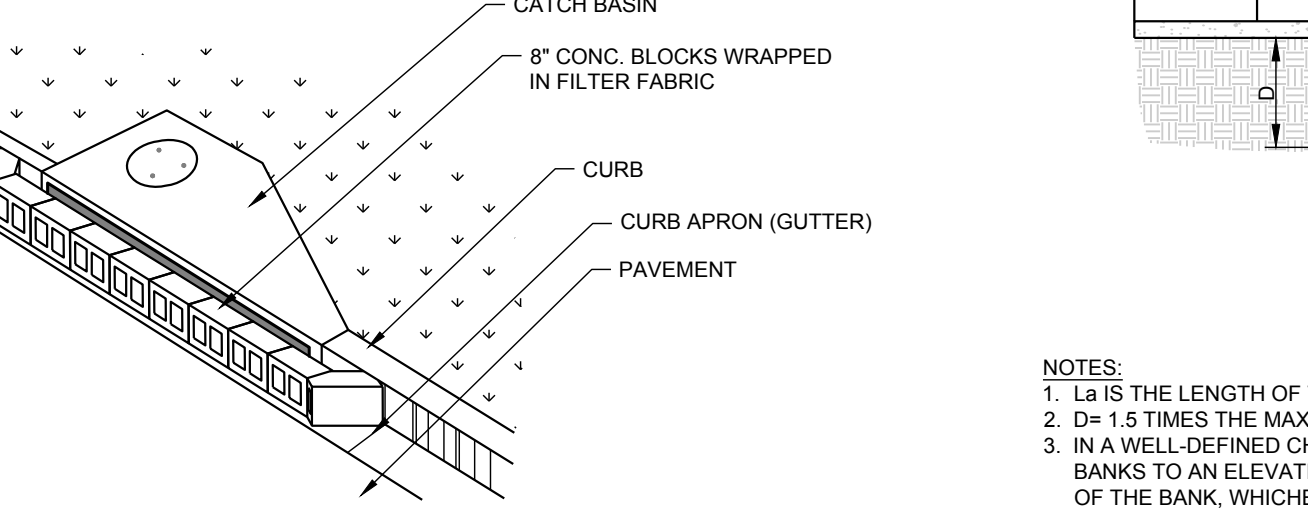
Sd1-NS



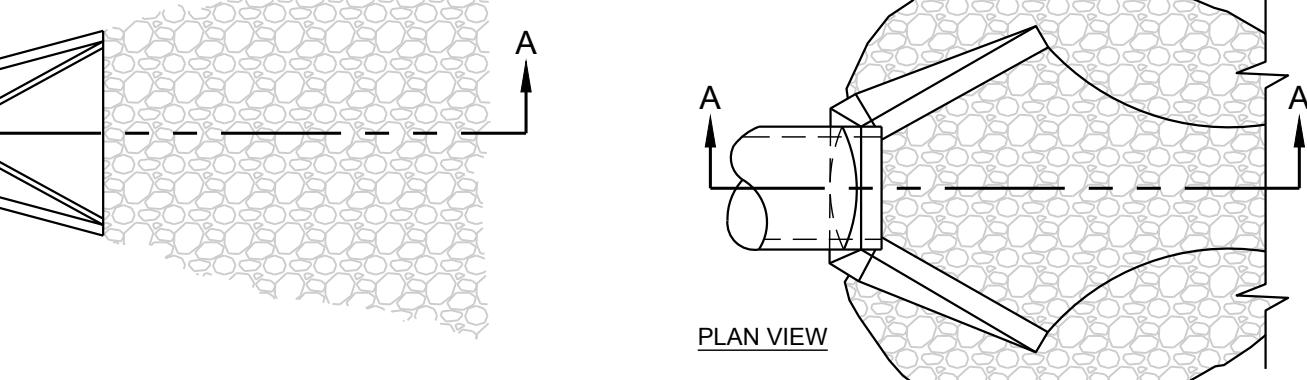
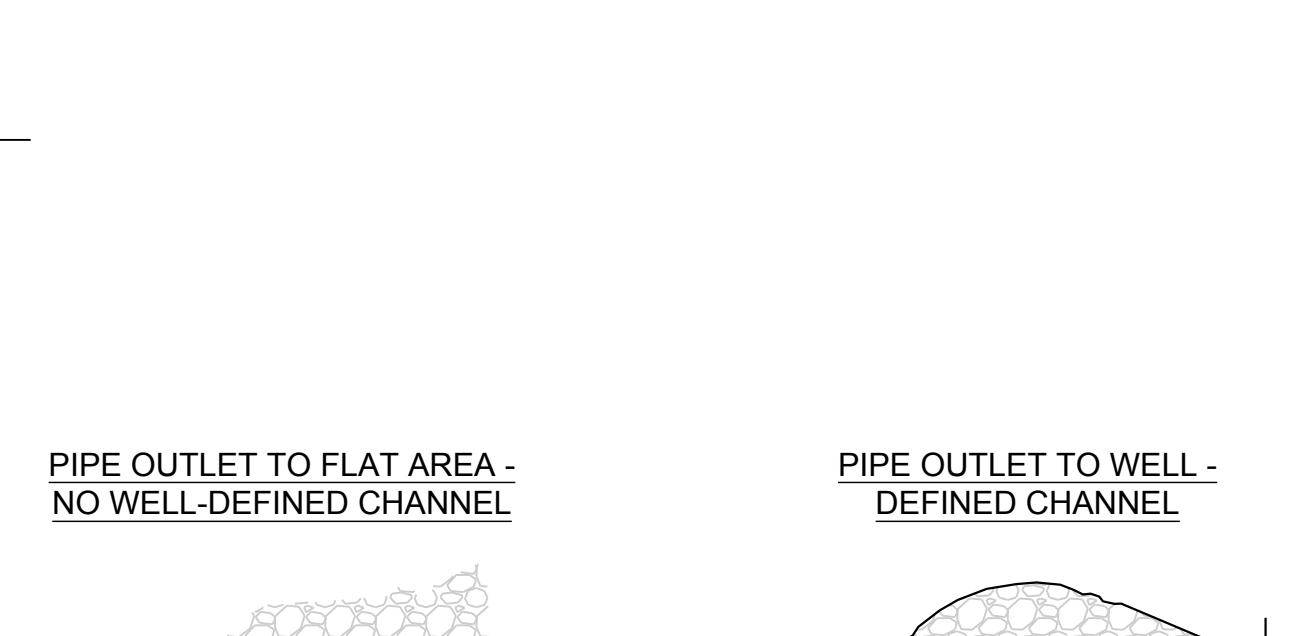
- NOTES:
1. FOR STAKES, USE STEEL WITH A MINIMUM LENGTH OF 3 FEET.
2. SPACE STAKES EVENLY AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3 FEET APART, AND SECURELY DRIVE THEM INTO THE GROUND, MINIMUM OF 18 INCHES DEEP.
3. TO PROVIDE NEEDED STABILITY TO THE INSTALLATION, FRAME WITH 2 X 4 INCH WOOD STRIPS AROUND THE CREST OF THE OVERFLOW AREA AT A MAXIMUM OF 1.5 FEET ABOVE THE DROP INLET CREST.
4. PLACE THE BOTTOM 12 INCHES OF THE FABRIC IN A TRENCH AND BACKFILL THE TRENCH WITH CRUSHED STONE OF COMPACTED SOIL.
5. FASTEN FABRIC SECURELY TO THE STAKES AND FRAME. JOINTS MUST BE OVERLAPPED TO THE NEXT STAKE.
6. THE TOP OF THE FRAME AND FABRIC MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE FROM THE DROP INLET TO KEEP RUNOFF FROM BYPASSING THE INLET. IT MAY BE NECESSARY TO BUILD A TEMPORARY DIKE ON THE DOWN SLOPE SIDE OF THE STRUCTURE TO PREVENT BYPASS FLOW.



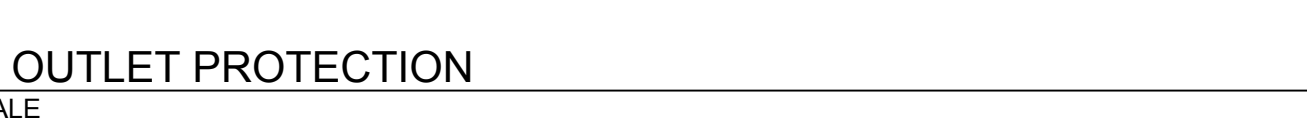
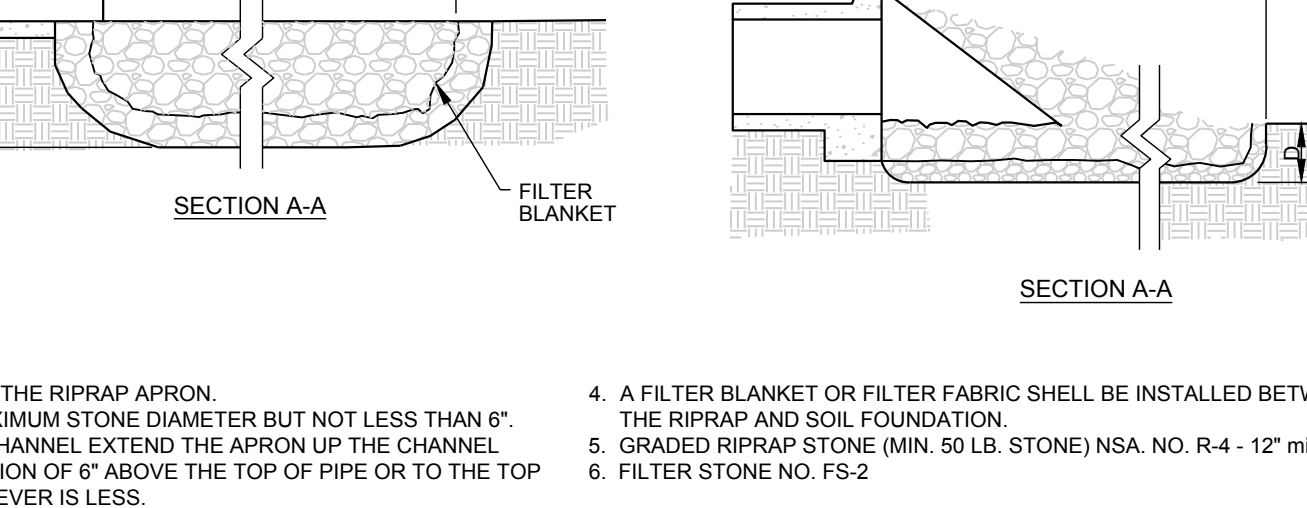
- NOTES:
1. INSTALL FILTER AFTER ANY ASPHALT PAVEMENT INSTALLATION.
2. WRAP 8" CONCRETE BLOCKS IN FILTER FABRIC AND SPAN ACROSS CATCH BASIN INLET.
3. FACE OPENINGS IN BLOCKS OUTWARD.
4. LEAVE A GAP OF APPROXIMATELY 4 INCHES BETWEEN THE CURB AND THE FILTERS TO ALLOW FOR OVERFLOW TO PREVENT HAZARDOUS PONDING.
5. INSTALL OUTLET PROTECTION BELOW STORM DRAIN OUTLETS.



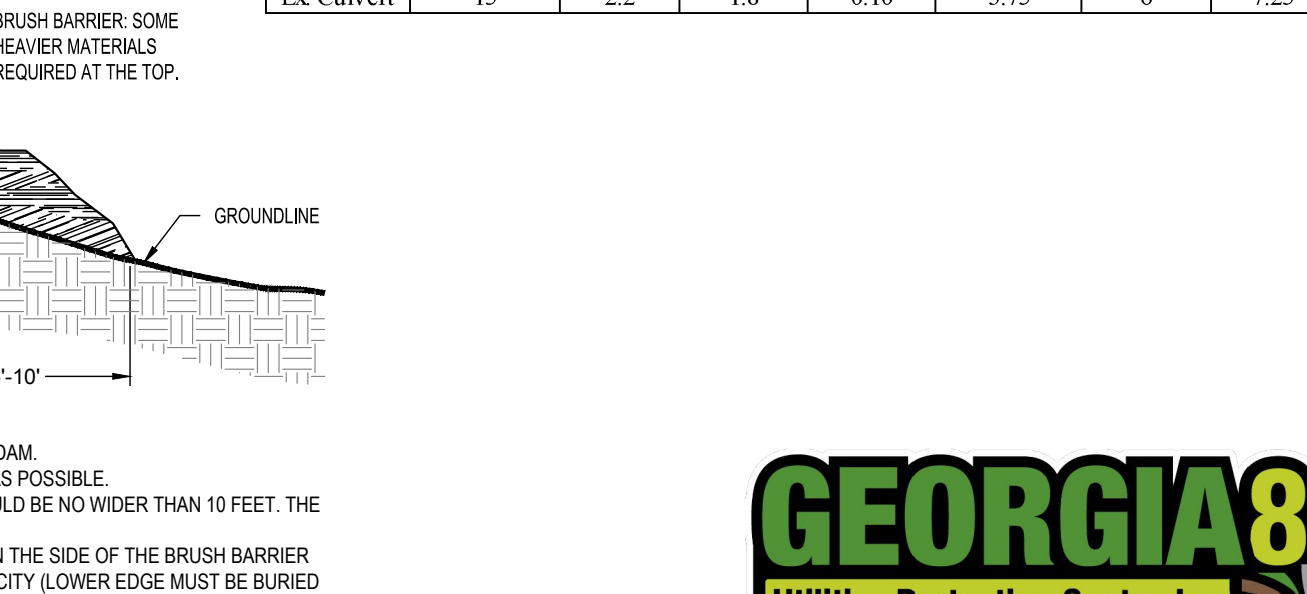
Sd1-Fs



- NOTES:
1. La IS THE LENGTH OF THE RIPRAP APRON.
2. D = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
3. IN A WELL-DEFINED CHANNEL, EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE TOP OF PIPE OR TO THE TOP OF THE BANK, WHICHEVER IS LESS.
4. A FILTER BLANKET OR FILTER FABRIC SHALL BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.
5. GRADED RIPRAP STONE (MIN. 50 LB. STONE) NSA, NO. R-4 - 12" MIX. 6" W. 7.5.
6. FILTER STONE NO. FS-2



Rip-Rap Apron Summary							
Headwall ID	Pipe Diameter, DO (in)	25-year Velocity, Q (cfs)	25-year Velocity, (ft/sec)	Rip-Rap Size d50	Apron width (ft)	Apron Length, La (ft)	Apron Width, W (ft)
100	30	18.3	3.7	0.60	7.5	16	18.5
200	30	16.7	3.4	0.60	7.5	12	14.5
500	18	1.5	0.8	0.10	4.5	6	7.5
Ex Culvert	15	2.2	1.8	0.10	3.75	6	7.25



Sd1-Bb

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2019-01-14 SCHEMATIC DESIGN PACKAGE
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Revisions

No.	Date	Description

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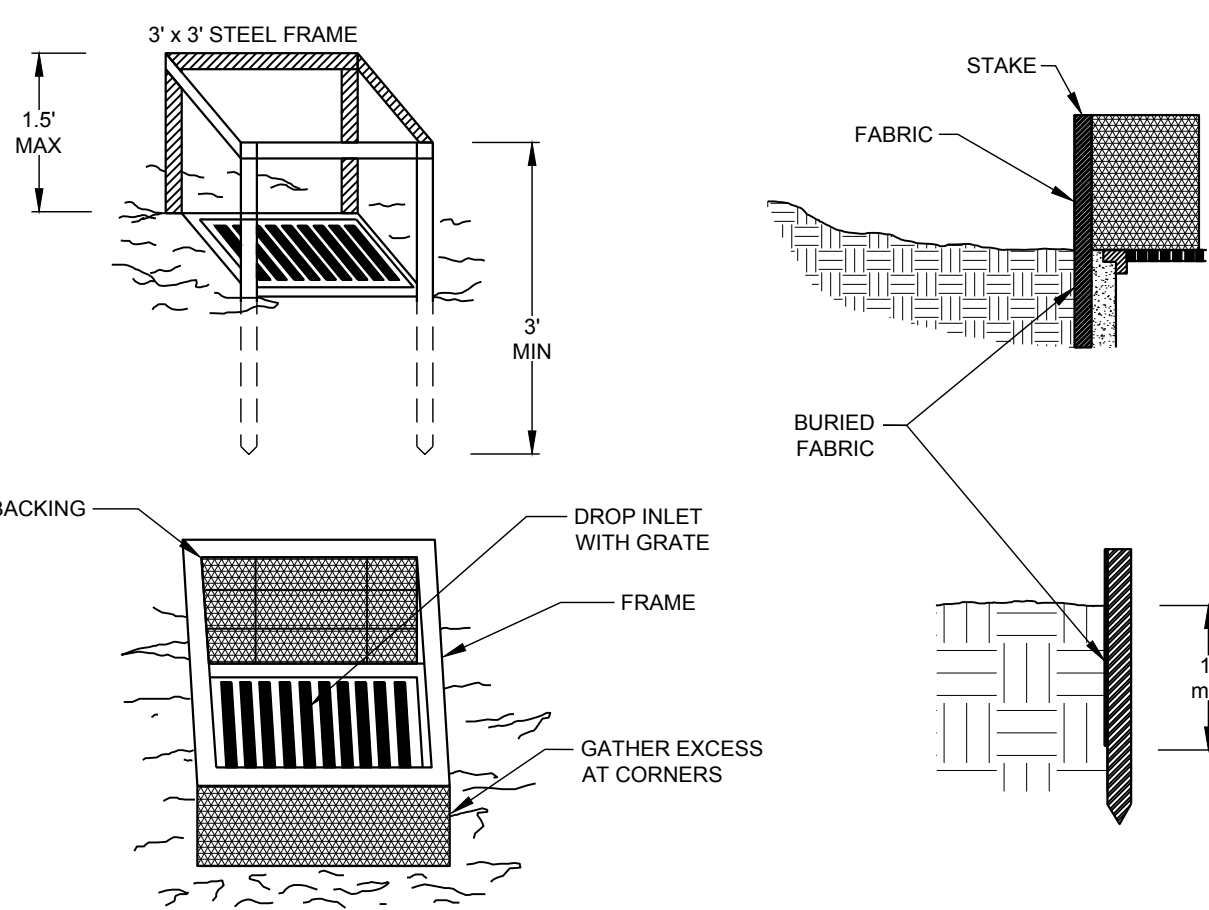
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PROJECT NUMBER

EROSION, SEDIMENTATION, & POLLUTION CONTROL DETAILS

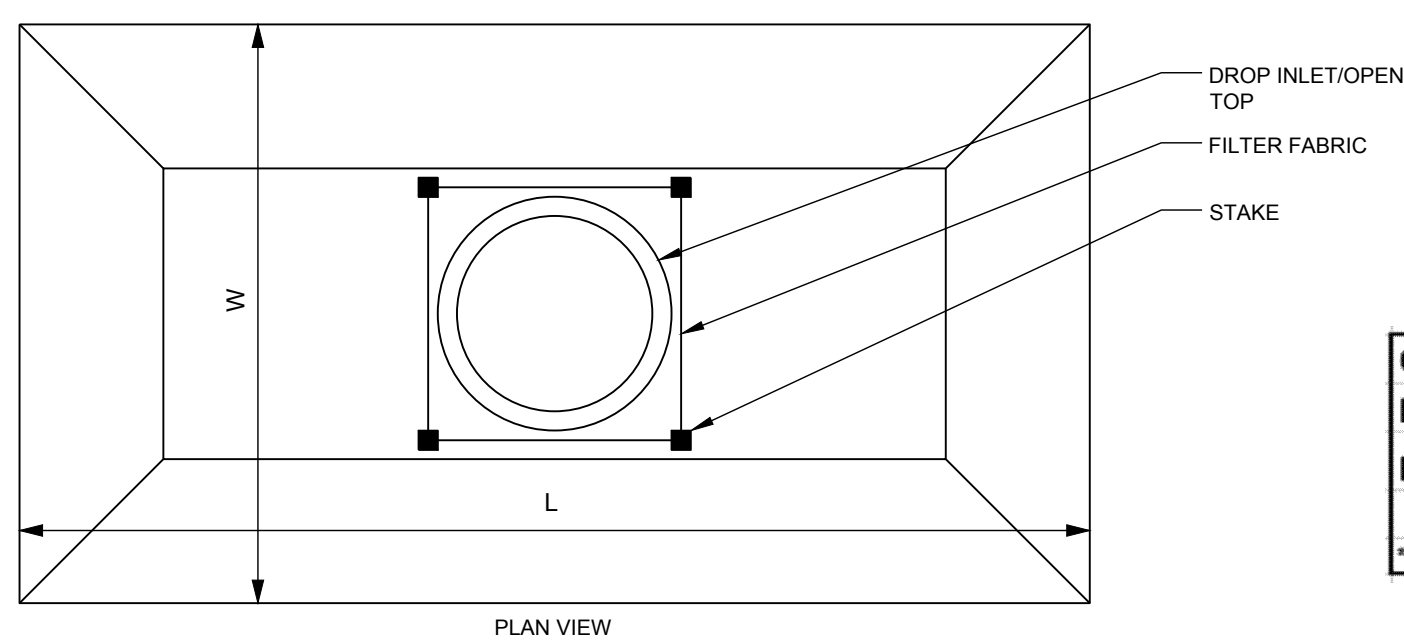
Know what's below. Call before you dig.

C-4.6

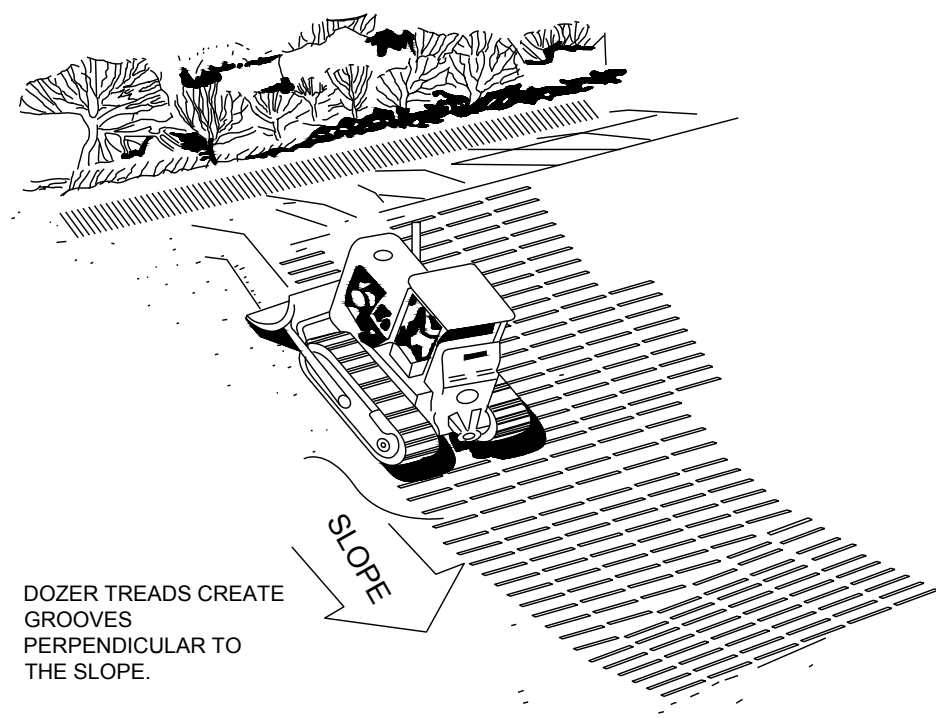


- NOTES:**
- FOR STAKES, USE STEEL WITH A MINIMUM LENGTH OF 3 FEET.
 - SPACE STAKES EVENLY AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3 FEET APART, AND SECURELY DRIVE THEM INTO THE GROUND, MINIMUM OF 18 INCHES DEEP.
 - TO PROVIDE NEEDED STABILITY TO THE INSTALLATION, FRAME WITH 2 X 4 INCH WOOD STRIPS AROUND THE CREST OF THE OVERFLOW AREA AT A MAXIMUM OF 1.5 FEET ABOVE THE DROP INLET CREST.
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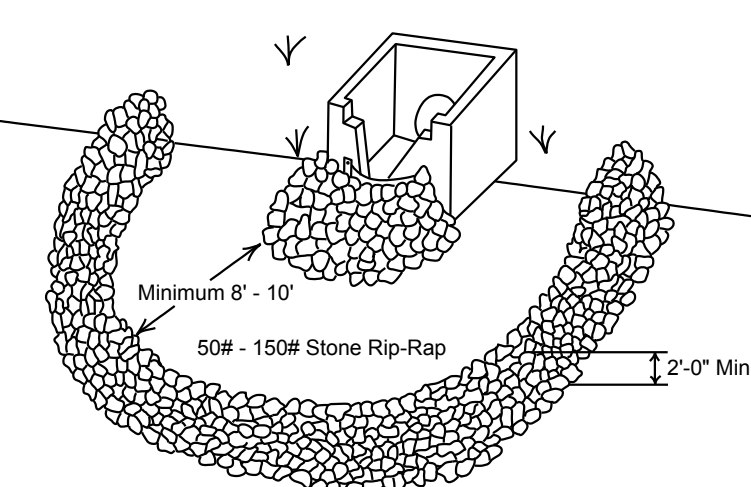
Sd2-F INLET SEDIMENT TRAP - FILTER FABRIC WITH SUPPORTING FRAME NOT TO SCALE



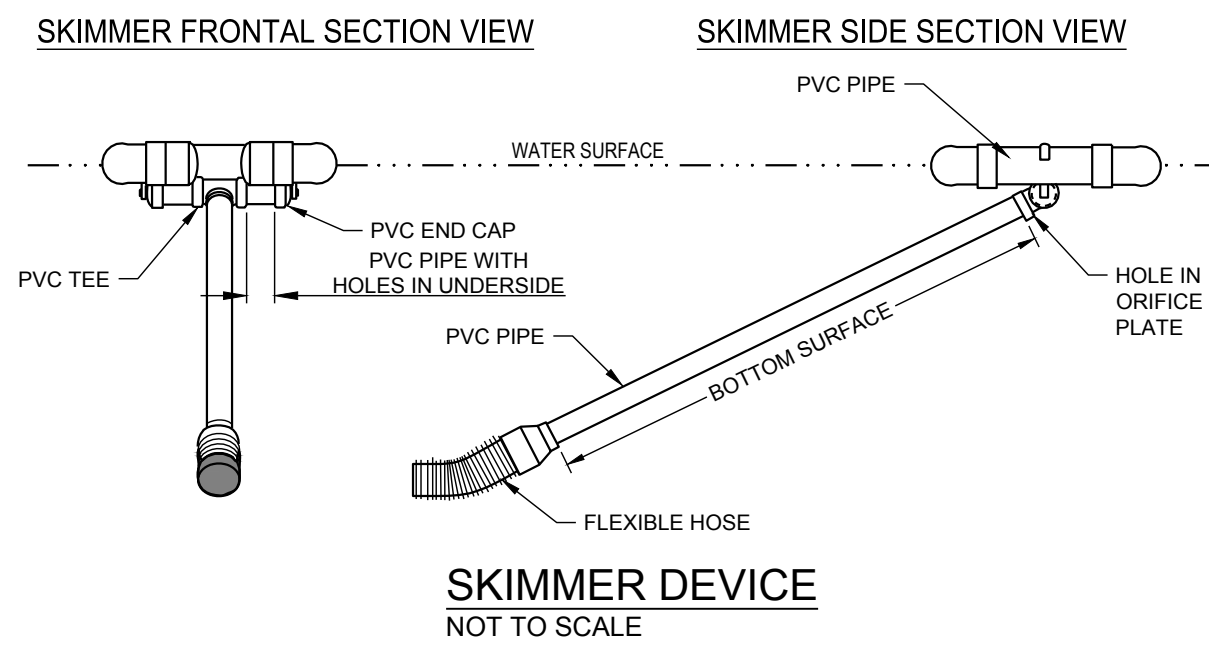
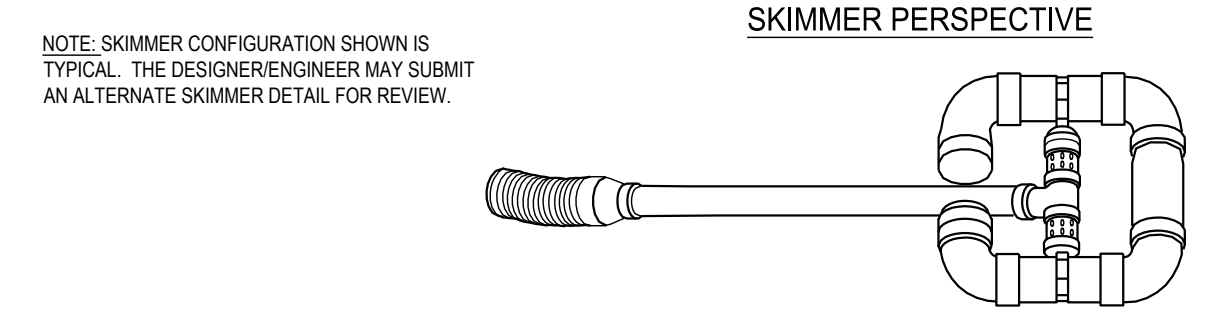
Sd2-E EXCAVATED INLET SEDIMENT TRAP NOT TO SCALE



Su SURFACE ROUGHENING - WITH TRACKING NOT TO SCALE



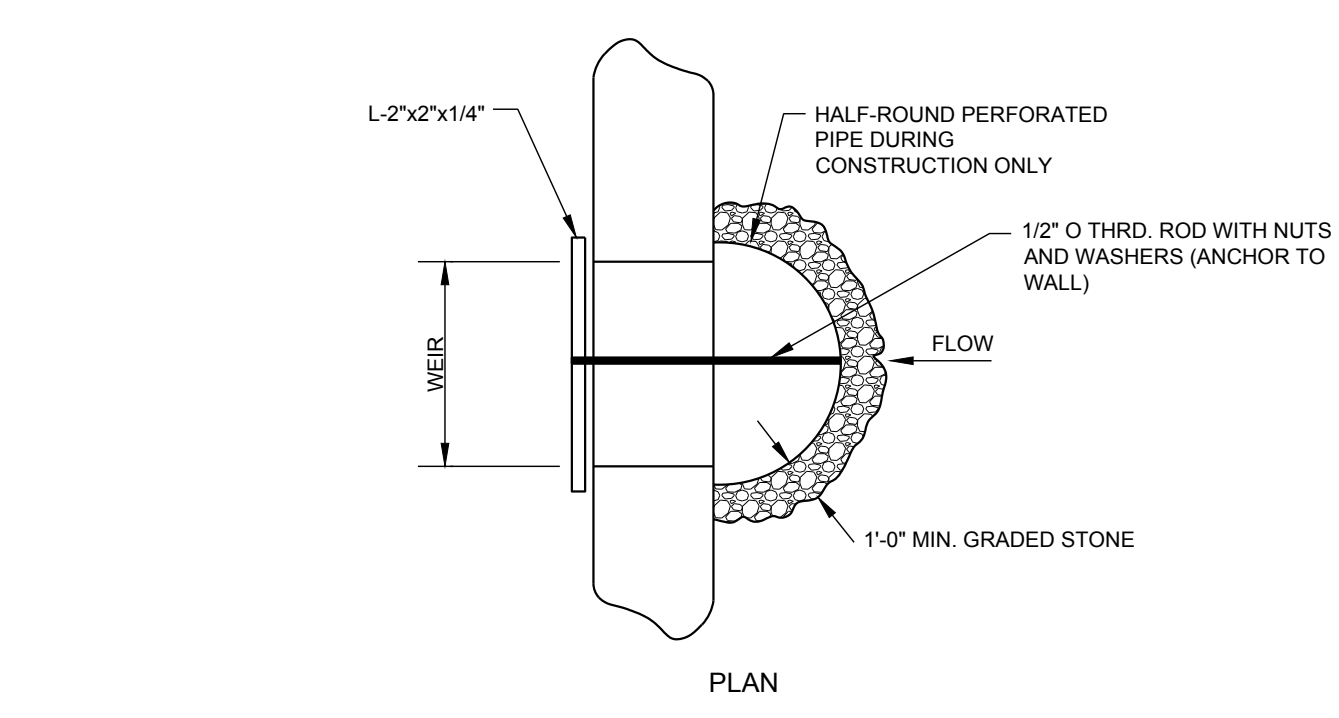
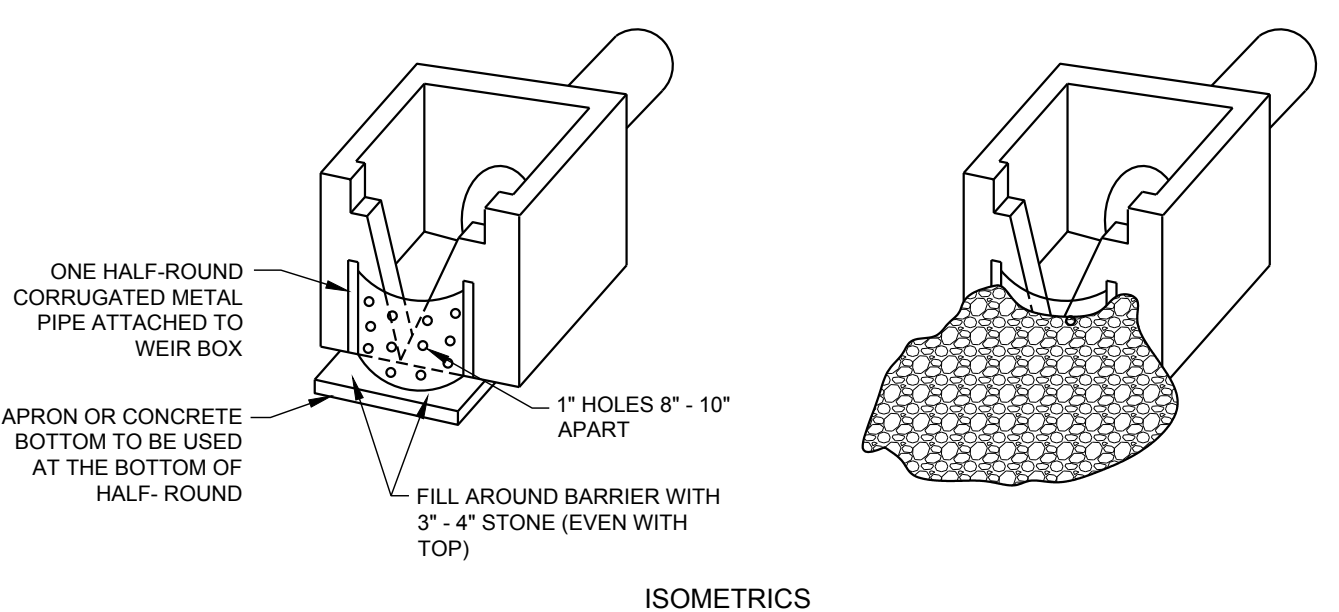
Fr FILTER RING NOT TO SCALE



Calculate Skimmer Size			
Basin Volume in Cubic Feet	227,835 Cu.Ft	Skimmer Size	8.0 Inch
Days to Drain*	3 Days	Orifice Radius	3.5 Inch[es]
		Orifice Diameter	7.0 Inch[es]

*in NC assume 3 days to drain

Sk SKIMMER DEVICE NOT TO SCALE



Rt-P RETROFITTING PERFORATED HALF-ROUND PIPE WITH STONE FILTER NOT TO SCALE

TEMPORARY SEDIMENT TRAP ROCK OUTLET
COURTESY OF CITY OF KNOXVILLE BMP EROSION AND SEDIMENT

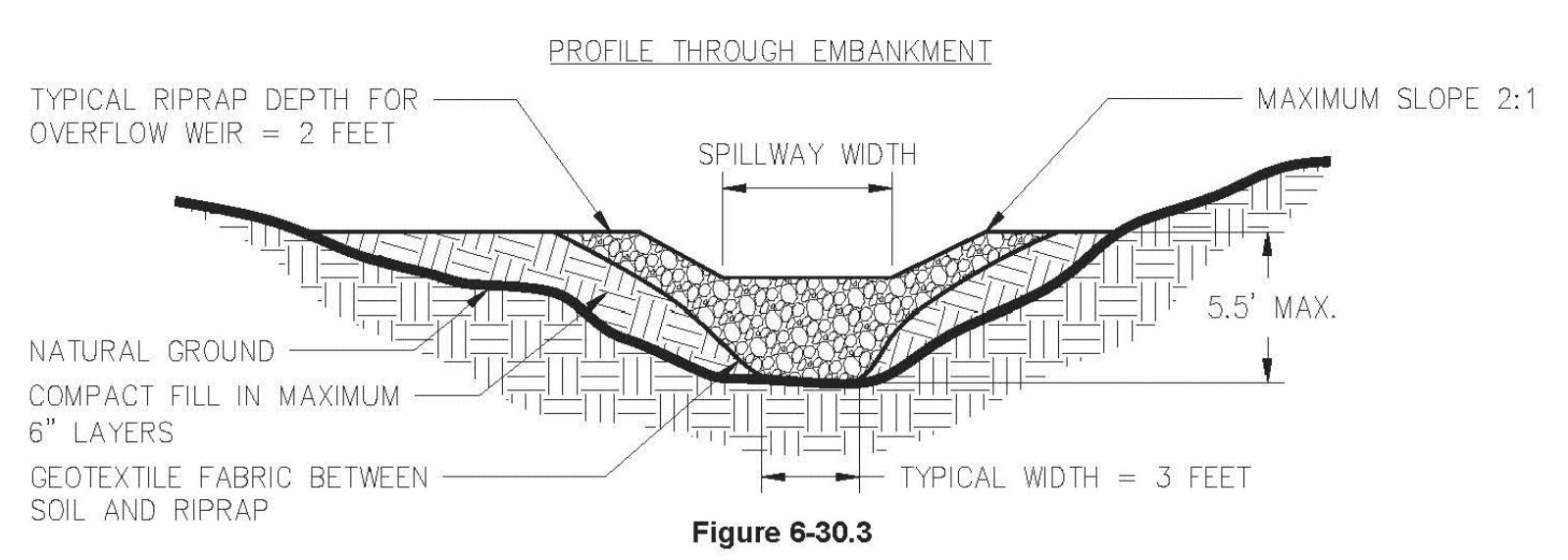
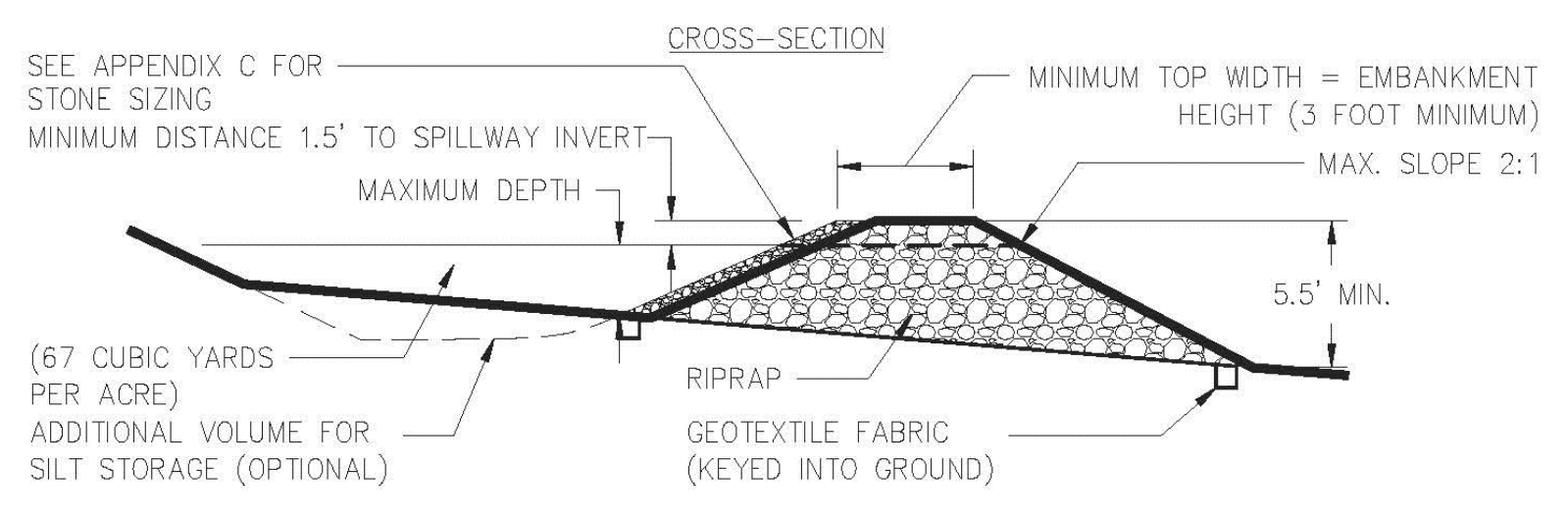
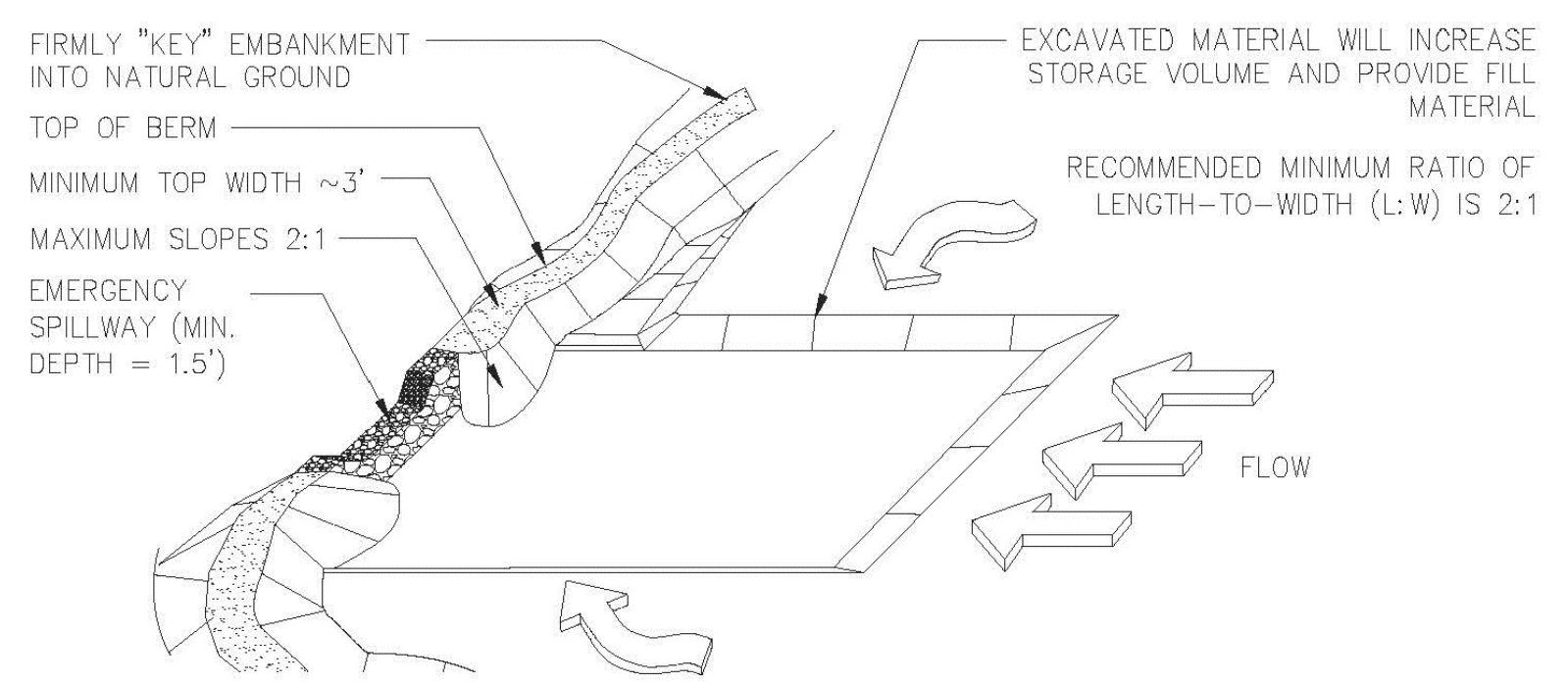


Figure 6-30.3

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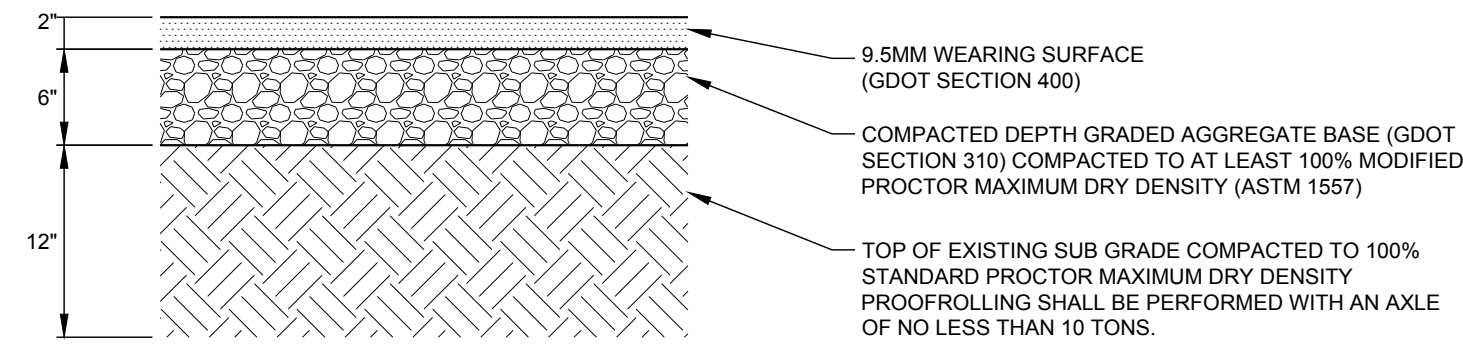
EROSION, SEDIMENTATION, & POLLUTION CONTROL DETAILS
SHEET NUMBER

C-4.7

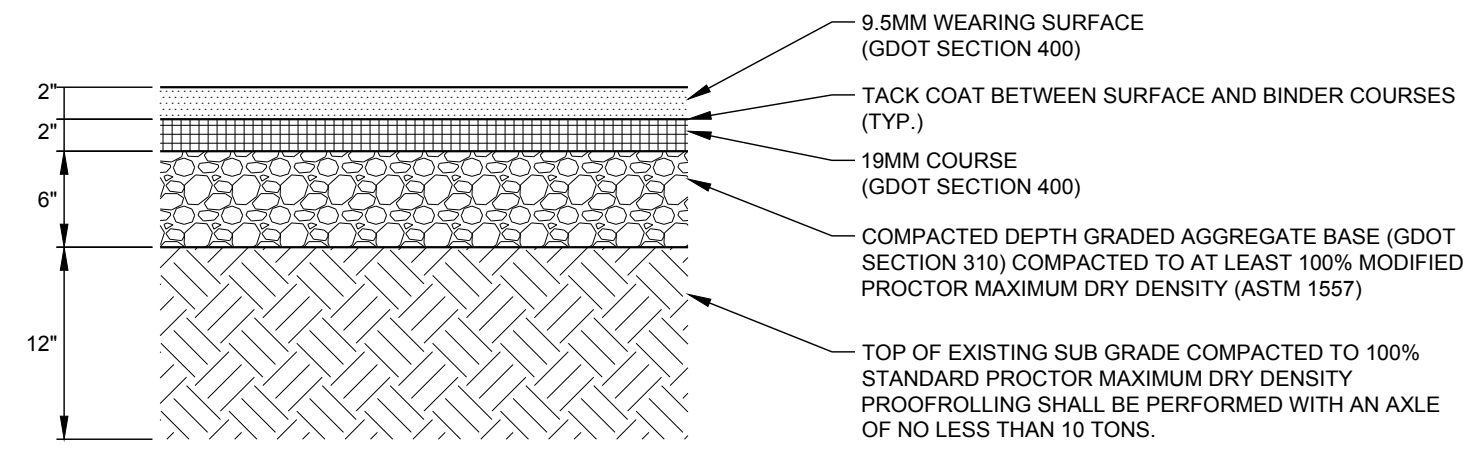


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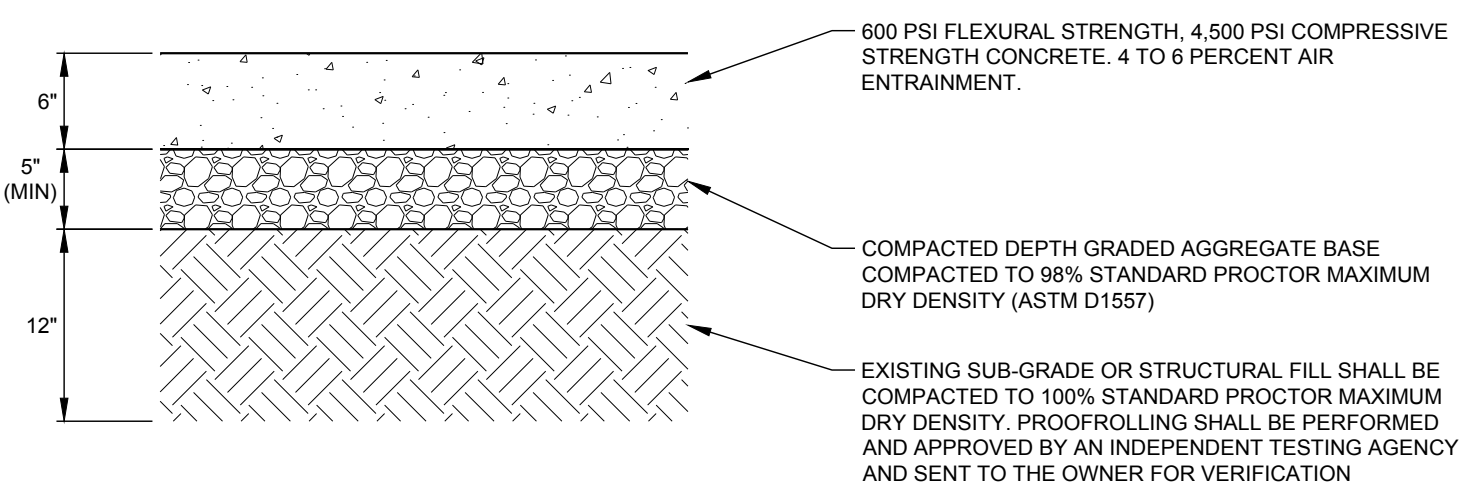
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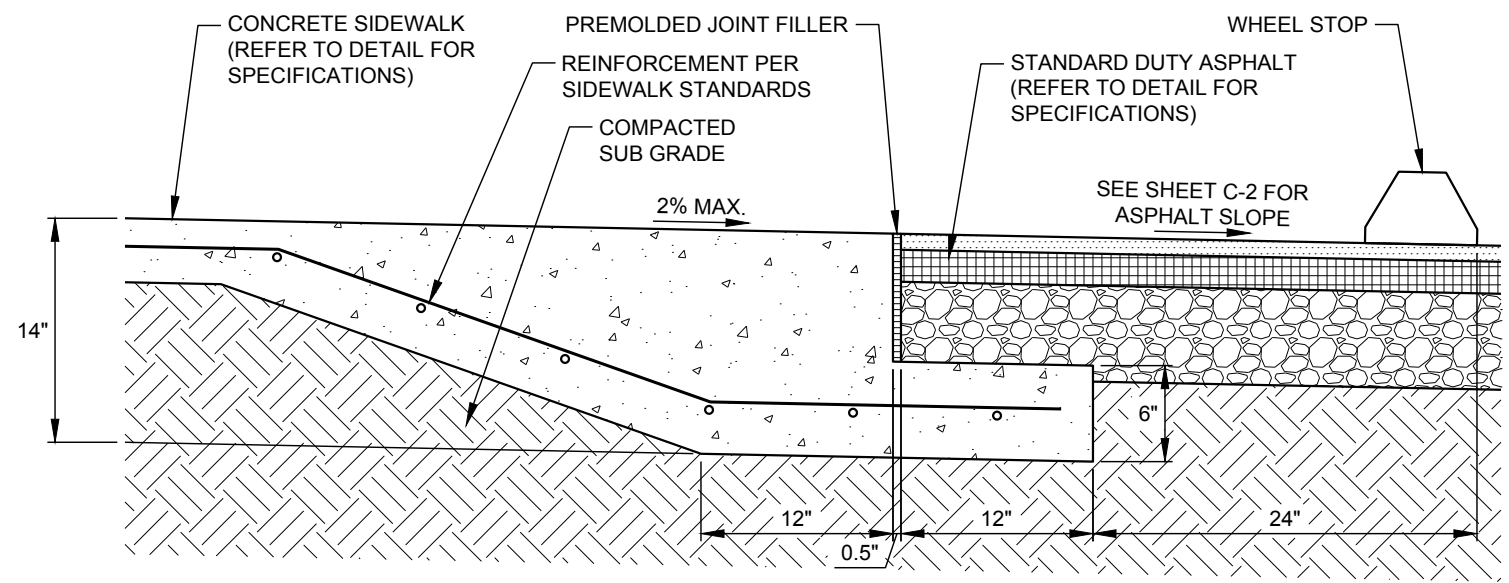
C-5 **STANDARD DUTY ASPHALT PAVING**
 NOT TO SCALE



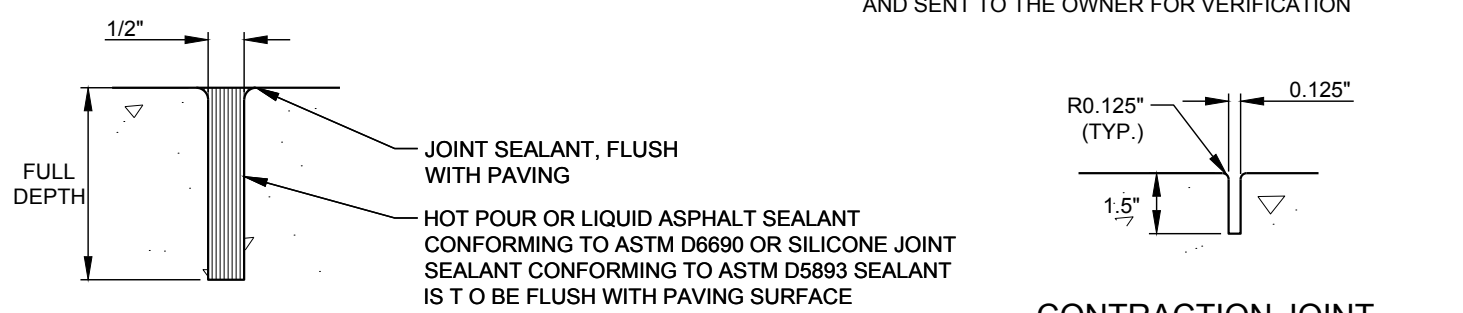
C-5 **HEAVY DUTY ASPHALT PAVING**
 NOT TO SCALE



C-5 **HEAVY DUTY ASPHALT / CONCRETE TRANSITION**
 NOT TO SCALE



C-5 **CONCRETE SIDEWALK / ASPHALT TRANSITION**
 NOT TO SCALE



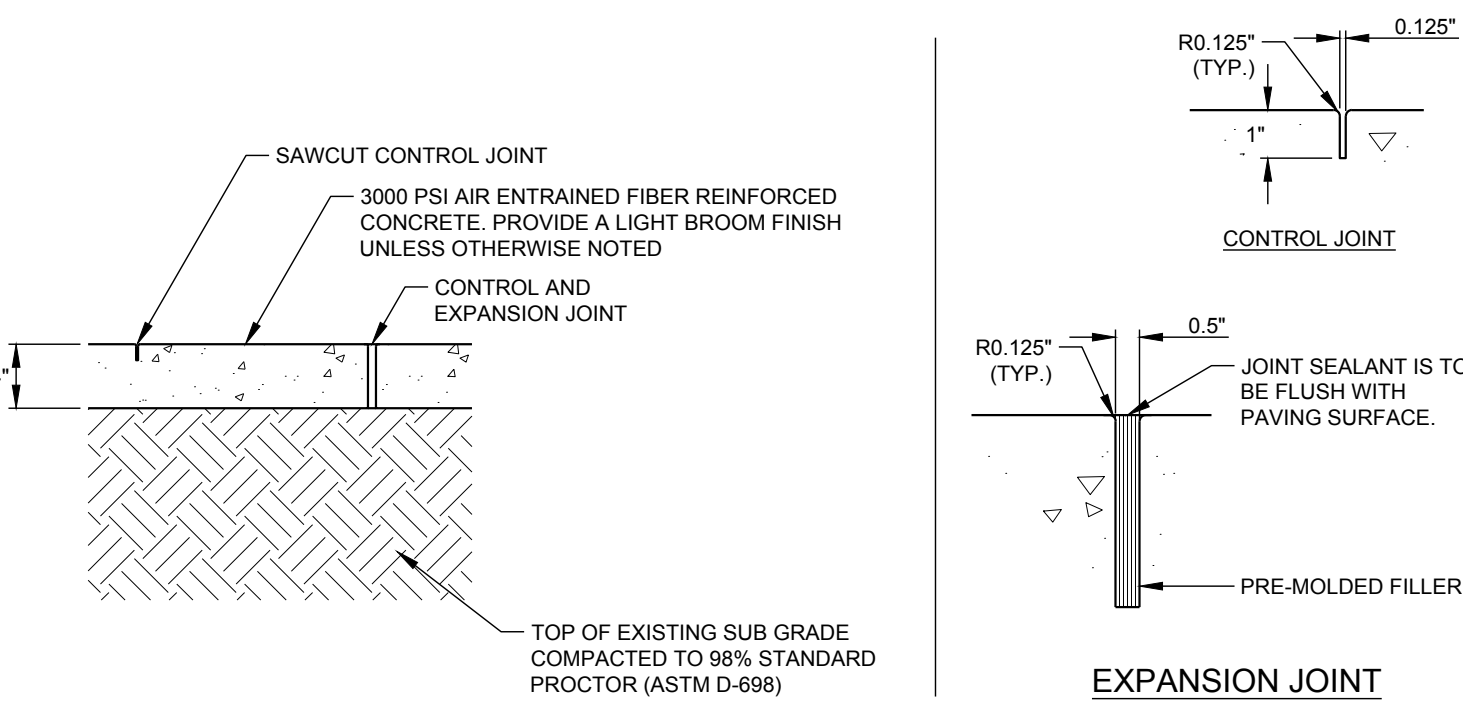
ISOLATION JOINT

CONTRACTION JOINT

NOTE:

1. DETAIL REFLECTS HEAVY DUTY CONCRETE PAVING RECOMMENDATION BY PROJECT GEOTECHNICAL ENGINEER.
2. A TACK COAT SHALL BE APPLIED BETWEEN THE HD SECTION AND THE ON-SITE ASPHALT SECTION.
3. UNLESS OTHERWISE NOTED ON PLANS, CONTRACTION JOINTS TO BE 10'-0" O.C. MAX AND ISOLATION JOINTS TO SEPARATE PAVEMENT FROM CURB, CHANGE OF DIRECTION, OTHER WALK, UTILITY APPURTENANCE, COLD JOINTS OR FACE OF STRUCTURE. THE JOINTS SHALL EXTEND TO A DEPTH 1/4 OF THE SLAB THICKNESS. IF SAW CUTTING THE JOINTS IS TO BE EMPLOYED, THE JOINTS SHOULD BE CUT WHILE THE CONCRETE IS STILL "GREEN" AND AS SOON AFTER PLACEMENT AS THE EQUIPMENT CAN BE MOVED ONTO THE PAVEMENT WITHOUT DISTURBING THE CONCRETE FINISH.

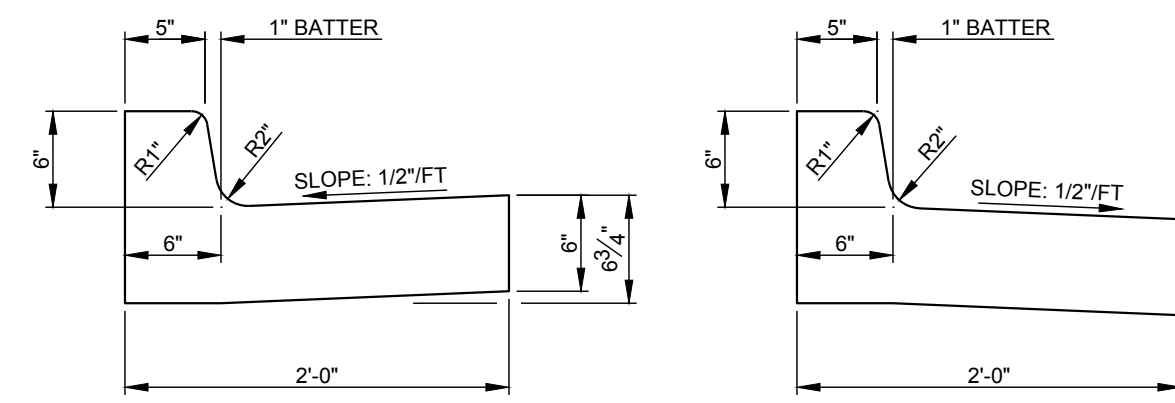
C-5 **HEAVY DUTY CONCRETE PAVING**
 NOT TO SCALE



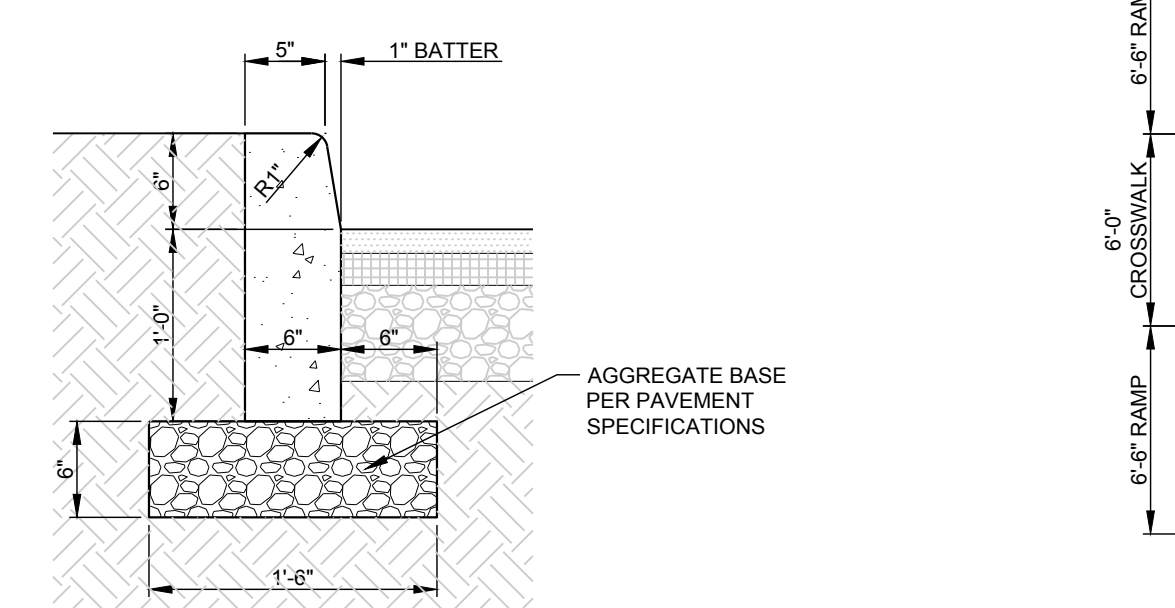
NOTE:

1. UNLESS OTHERWISE INDICATED, PREFORMED EXPANSION JOINTS TO BE 40'-0" O.C. MAX. OR AT BACK OF CURB, CHANGE OF DIRECTION, OTHER WALK UTILITY APPURTENANCE, OR FACE OF STRUCTURE.
2. UNLESS OTHERWISE INDICATED, CONTROL JOINTS AT 5'-0" O.C.
3. ALL SIDEWALKS SHALL HAVE A MAXIMUM CROSS SLOPE OF 1.5% (1:67).

C-5 **CONCRETE SIDEWALK**
 NOT TO SCALE



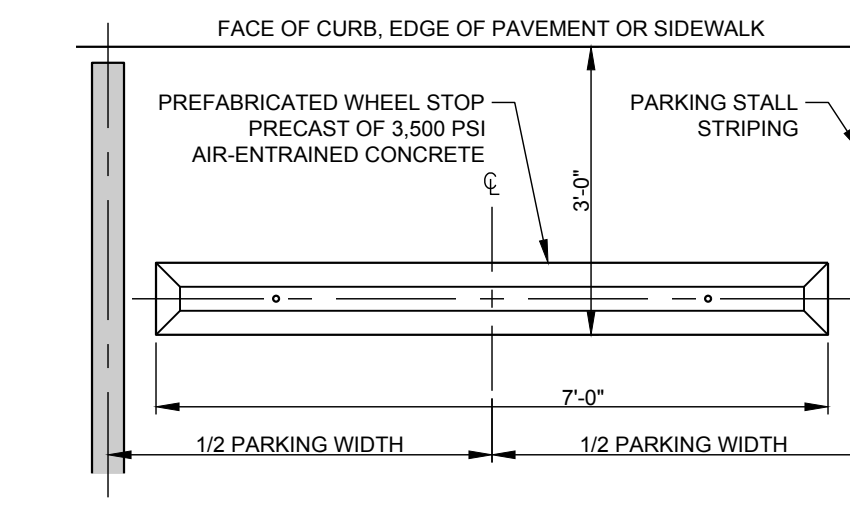
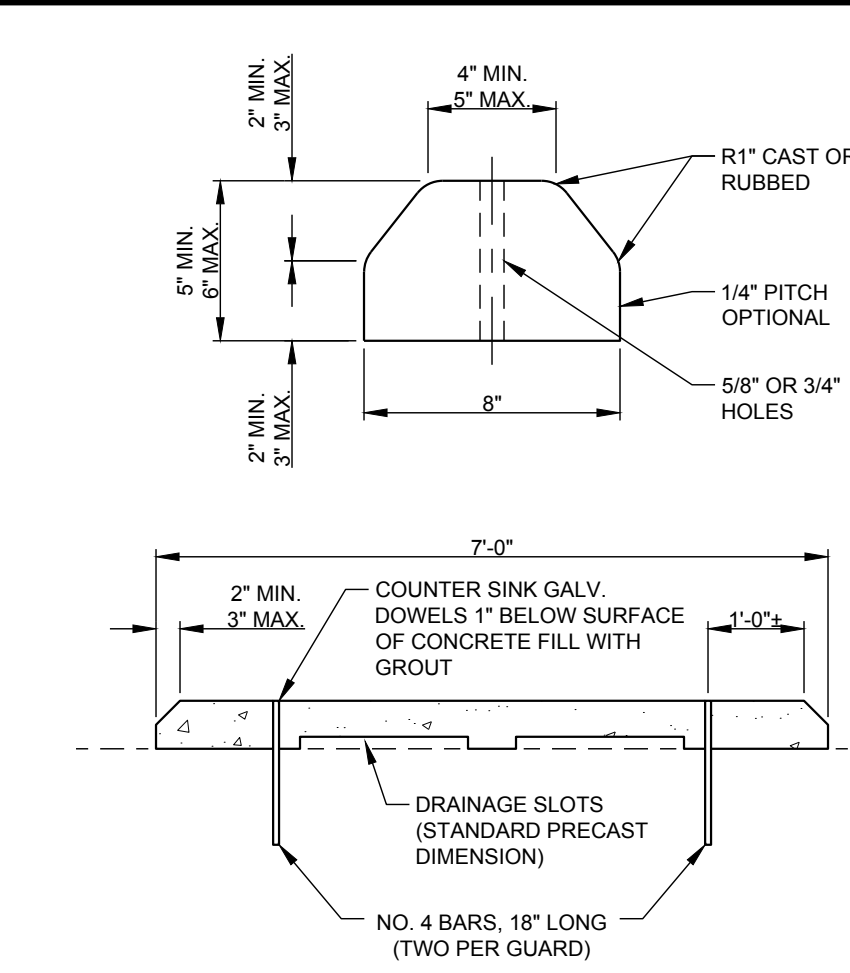
C-5 **24" CONCRETE CURB AND GUTTER**
 NOT TO SCALE



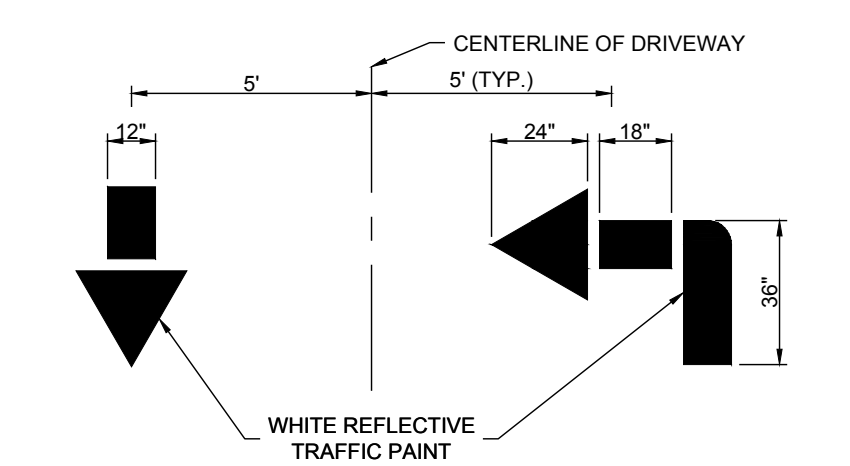
NOTE:

1. 1/2" PRE FORMED EXPANSION JOINTS REQUIRED AT ALL STRUCTURES AND RADIUS POINTS.
2. MAXIMUM DISTANCE BETWEEN EXPANSION JOINTS = 40.0'
3. MAXIMUM DISTANCE DUMMY JOINTS = 10.0'
4. CONCRETE STRENGTH = 3000 P.S.I.; FINISH SHALL BE SMOOTHED AND EVENED WITH WOODEN FLOAT.

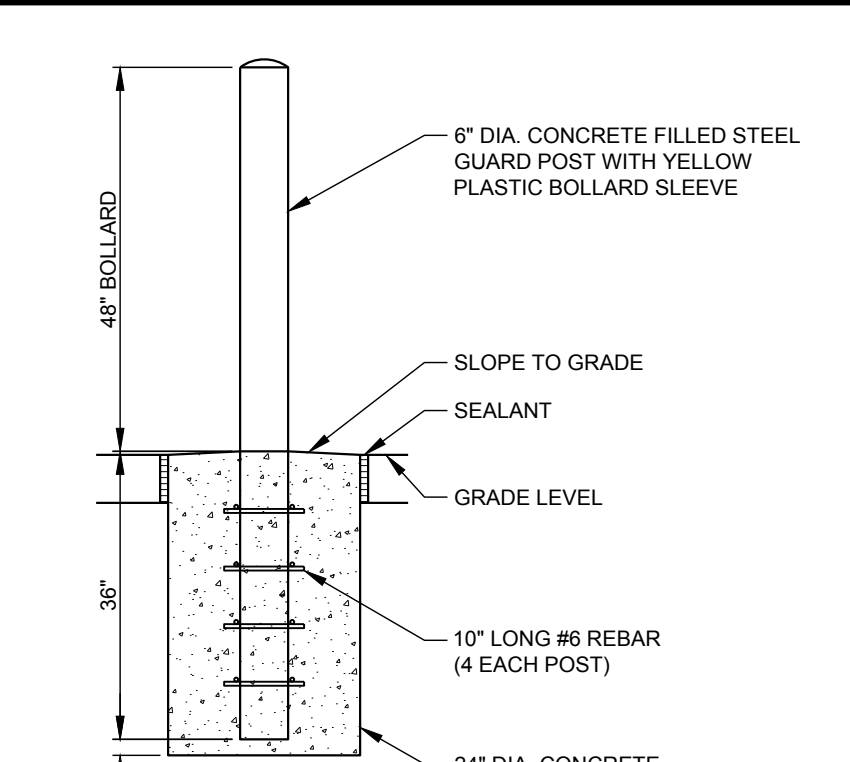
C-5 **CONCRETE HEADER CURB**
 NOT TO SCALE



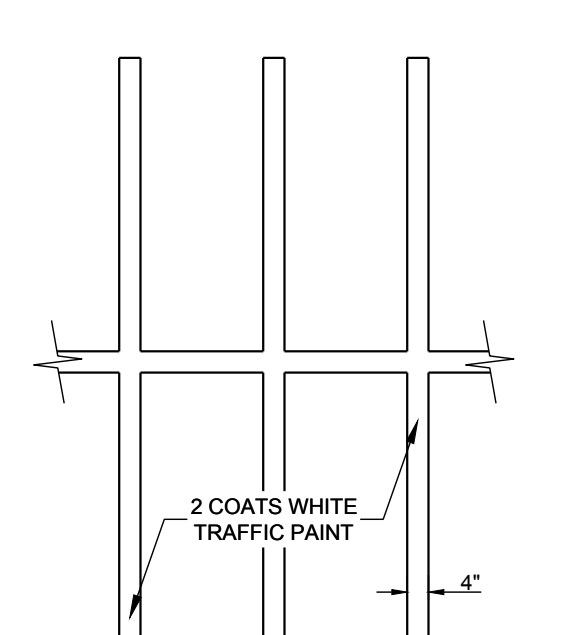
C-5 **CONCRETE WHEEL STOP**
 NOT TO SCALE



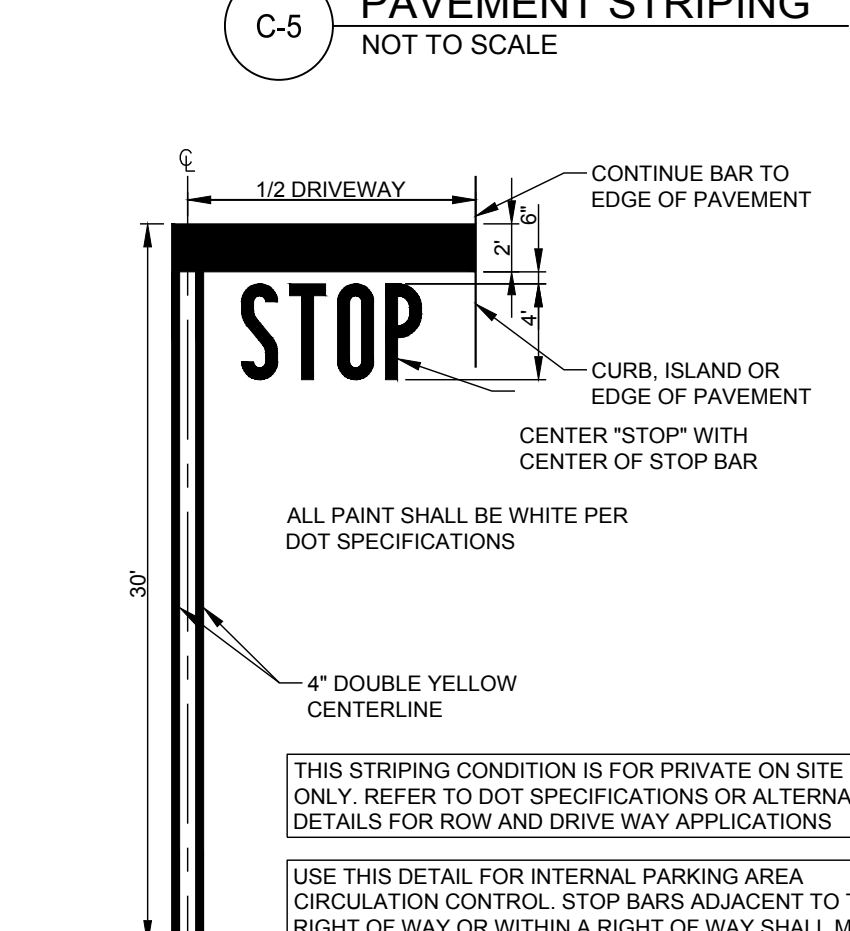
C-5 **DRIVEWAY TRAFFIC FLOW DIRECTIONAL ARROW**
 NOT TO SCALE



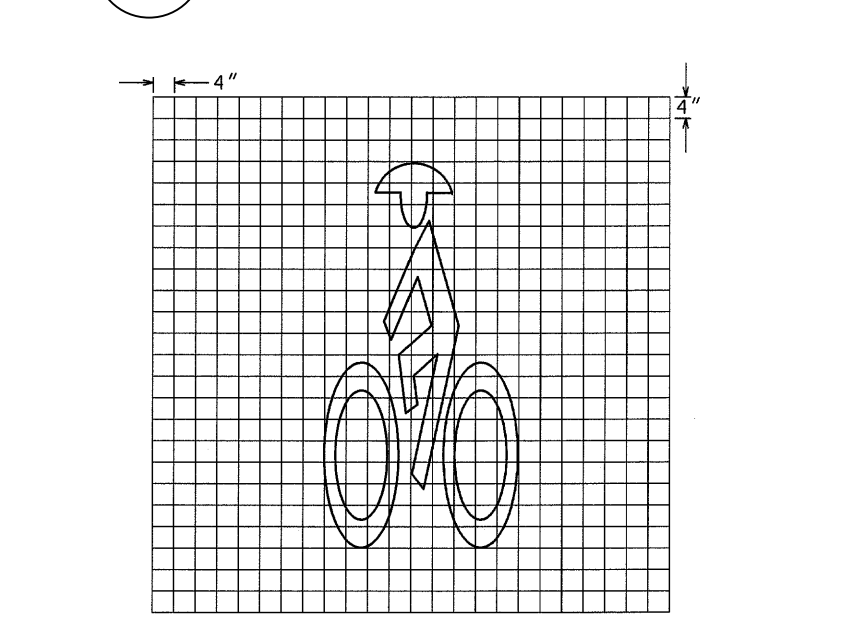
C-5 **BOLLARD - 6"**
 NOT TO SCALE



C-5 **PAVEMENT STRIPING**
 NOT TO SCALE



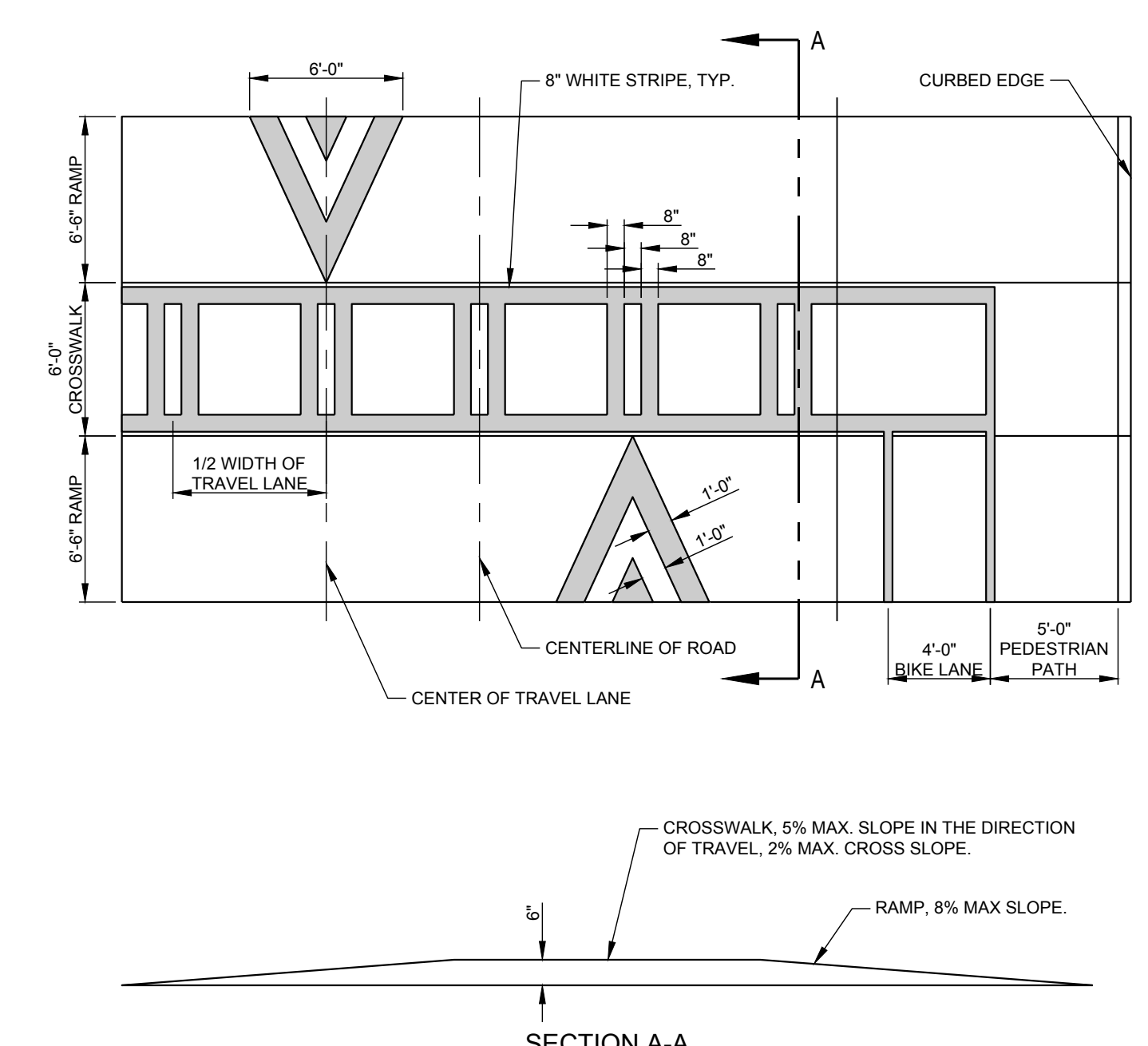
C-5 **STOP BAR AND LABEL STRIPING**
 NOT TO SCALE



GENERAL NOTES:

1. BICYCLE LANE SYMBOLS SHALL BE PLACED ON THE FAR SIDE OF EACH INTERSECTION 6 FEET BEYOND THE CROSS WALK OR END OF INTERSECTING ROAD RADII. ADDITIONAL SYMBOLS MAY BE PLACED ON LONG, UNINTERRUPTED SECTIONS OF ROADWAY BASED ON ENGINEERING JUDGEMENT.
2. ALL BICYCLE LANE PAVEMENT MARKING, INCLUDING EDGE LINE, SHALL BE PAINT.
3. FOR ADDITIONAL INFORMATION REFER TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND AASHTO GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES, CURRENT EDITION.

C-5 **BIKE LANE STRIPING**
 NOT TO SCALE



C-5 **RAISED SPEED TABLE**
 NOT TO SCALE



DESIGNING ARCHITECT

WAKEFIELD BEASLEY & ASSOCIATES

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ARCHITECT OF RECORD

NELSON

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DAWSON COUNTY SENIOR CENTER AND PAVILION

201 RECREATION RD
 DAWSONVILLE, GA 30534

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No.	Date	Description

Print Record

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2019-02-04 BID PACKAGE

2019-03-08 GRANT REVIEW DOCUMENTS

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DATE

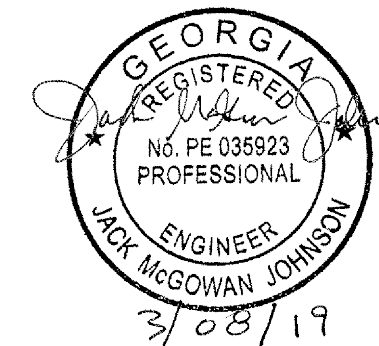
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SHEET TITLE

CONSTRUCTION DETAILS

SHEET NUMBER

C-5



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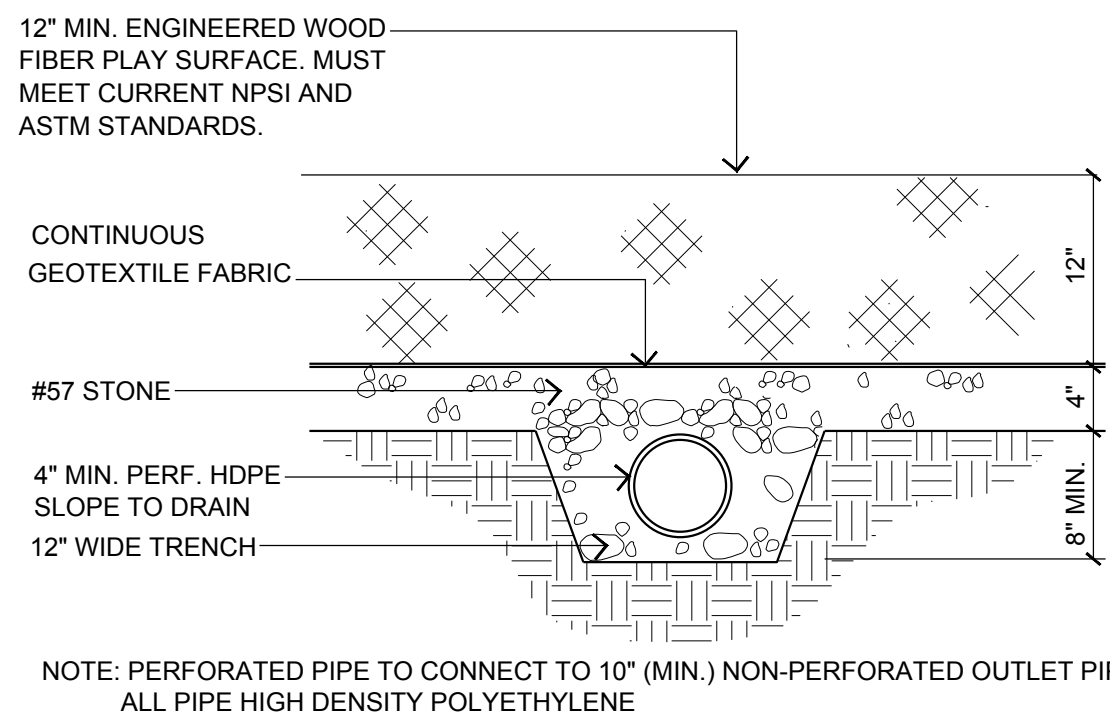
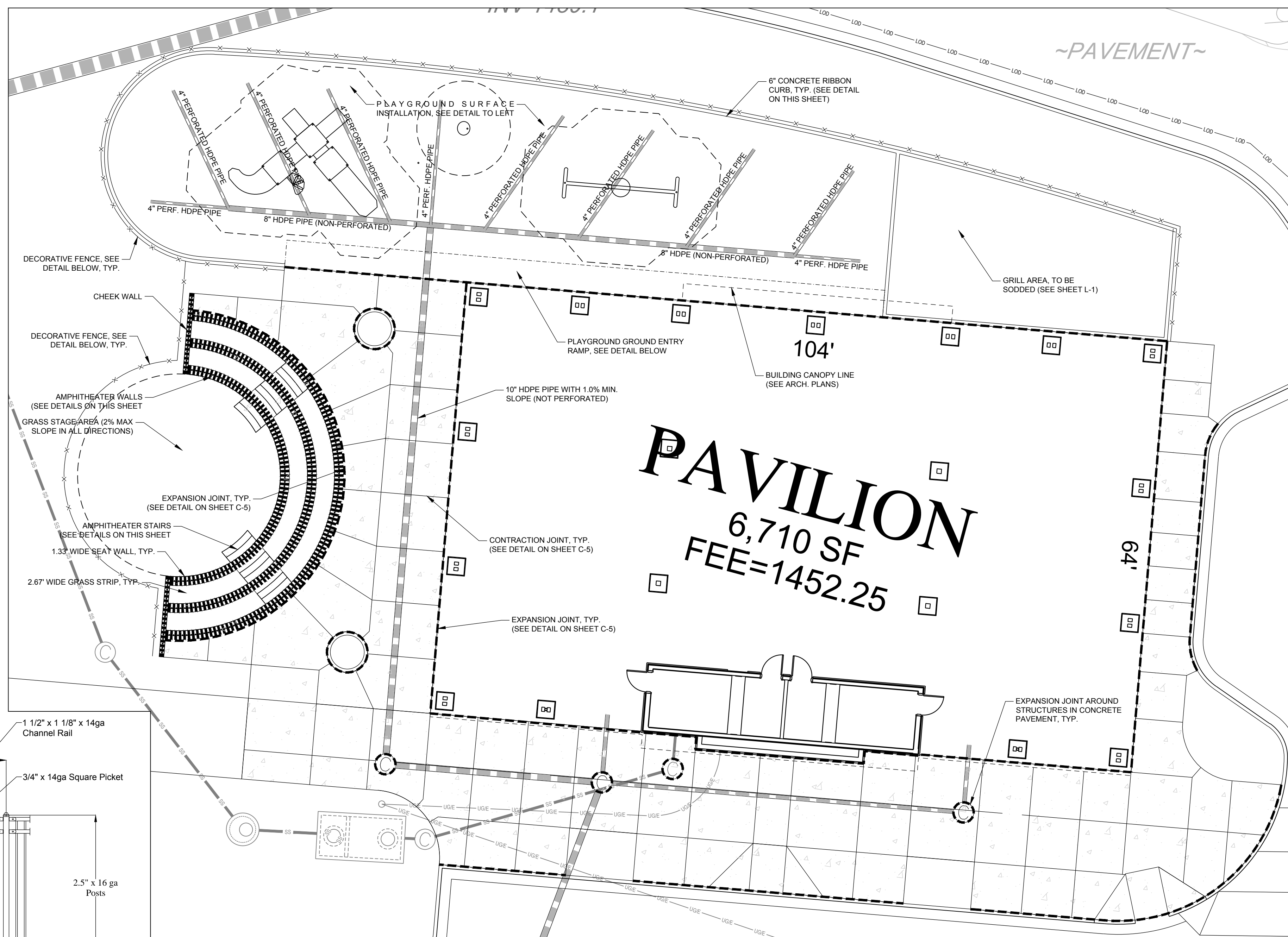
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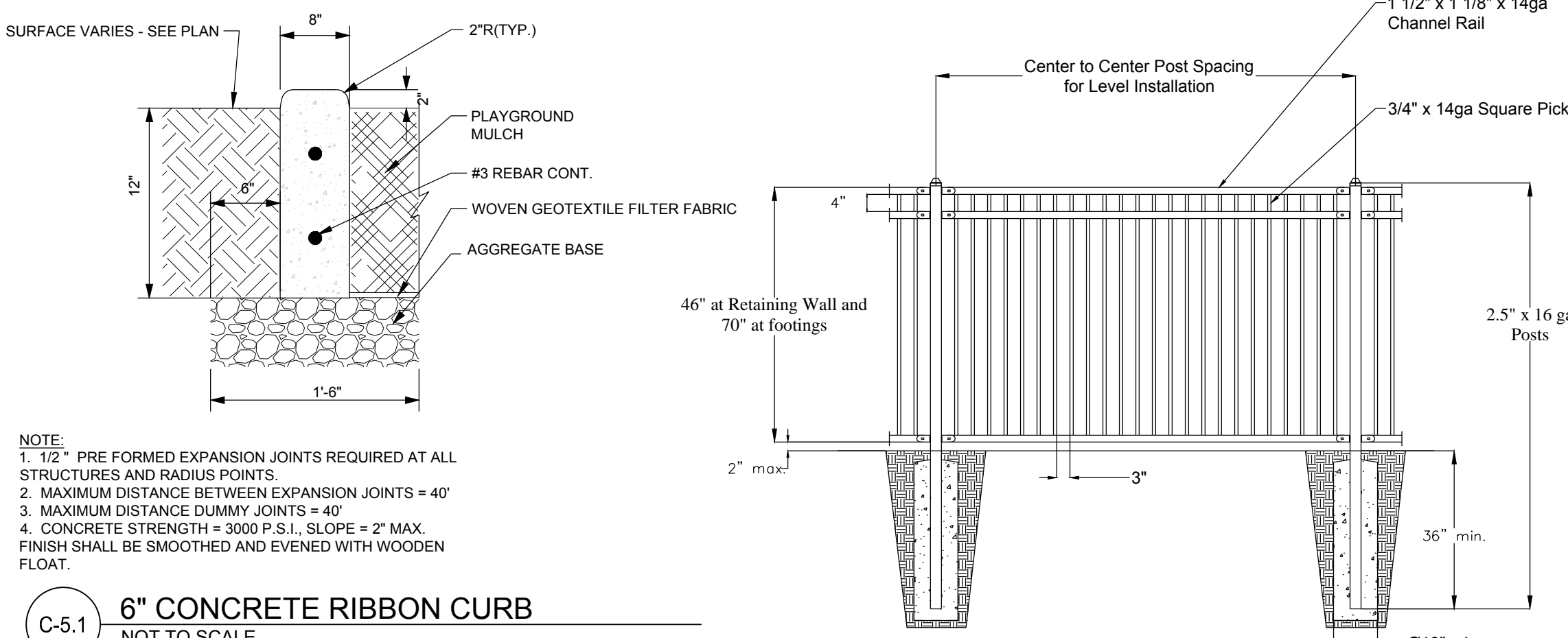
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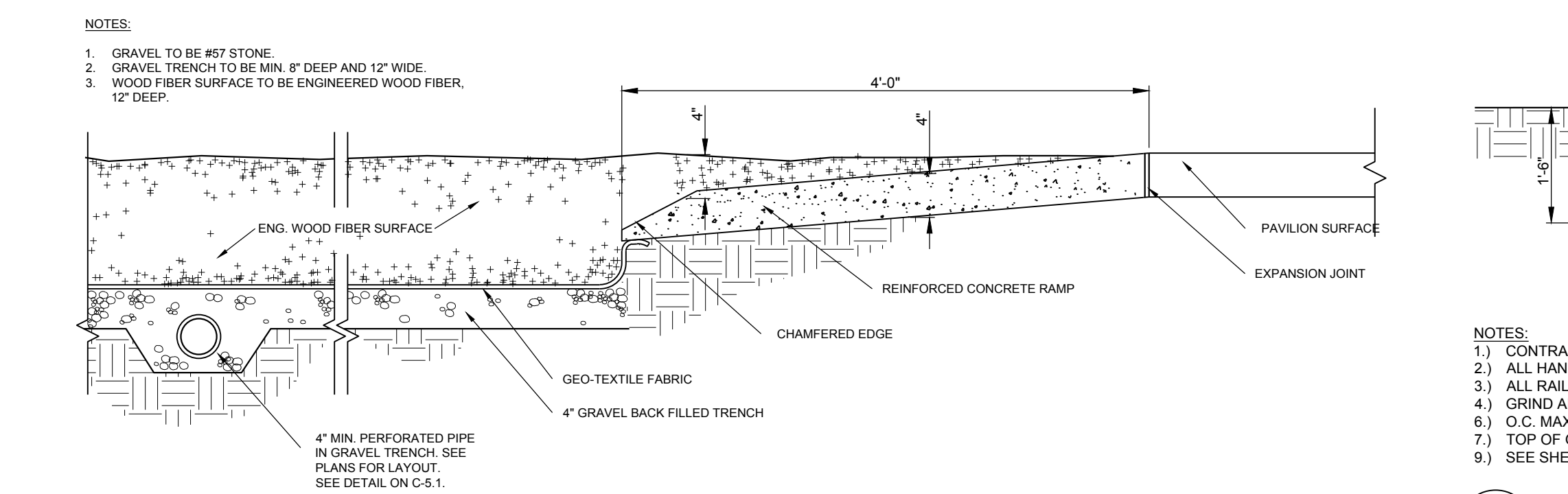


- PLAYGROUND RESURFACING MATERIAL SPECIFICATIONS**
- PRODUCT MUST BE MANUFACTURED, CRUSHED VIRGIN WOOD FIBERS COMPRISED OF HARDWOODS CONSISTING OF RANDOMLY SIZED WOOD FIBERS THAT DO NOT EXCEED 1.5\" IN LENGTH, .5\" IN WIDTH AND .33\" IN DEPTH, AND CONTAINING 10% TO 20% FINES TO AID IN COMPACTION. STANDARD WOOD CHIPS OR BARK MULCH WILL NOT BE ACCEPTABLE.
 - PRODUCT MUST BE PROVEN NON-TOXIC, FREE OF BARK, TWIGS, LEAF DEBRIS, AND ORGANIC MATERIALS, AND MUST BE ABLE TO CERTIFY THAT IT IS NON-FLAMMABLE. TEST DATA MUST BE AVAILABLE UPON REQUEST.
 - PRODUCT MUST NOT CONTAIN ANY RECYCLED WOOD PRODUCTS OR WASTE WOOD, SUCH AS PALLETS, ANY WOOD CONTAINING PAINT, CHEMICALS, OR ADDITIVES. BIDDER MUST PROVIDE TOXICITY TEST DATA.
 - WOOD FIBERS SHALL BE ADA-COMPLIANT, AND SHALL MEET ACCESSIBILITY STANDARDS WHEN TESTED IN ACCORDANCE WITH ASTM PS83-97. WHEN COMPACTION, THE FIBERS SHOULD KNOT TOGETHER TO FORM A FIRM, STABLE, SLIP RESISTANT SURFACE THAT WILL ALLOW ACCESS FOR PERSONS USING WHEELCHAIRS, CRUTCHES, OR WALKERS. TEST DATA MUST BE PRESENTED WITH BID.
 - MANUFACTURER MUST BE IN COMPLIANCE AND PROVIDE TESTING DATA FOR THE FOLLOWING STANDARDS AS SET FORTH BY THE AMERICAN STANDARD FOR TESTING MATERIALS (ASTM) FOR SURFACE SYSTEMS UNDER AND AROUND PLAYGROUND EQUIPMENT.
 - ASTM F1951-99 (PREVIOUSLY ASTM PS 83-97) DETERMINATION OF ACCESSIBILITY OF SURFACE SYSTEMS UNDER AND AROUND PLAYGROUND EQUIPMENT.
 - ASTM F1292-96 IMPACT ATTENUATION OF SURFACE SYSTEMS UNDER AND AROUND PLAYGROUND EQUIPMENT.
 - ASTM C136-96A, SIEVE ANALYSIS OF FINE AND COARSE AGGREGATES.
 - SAMPLES MUST BE PROVIDED WITH BID. ONE-QUART SAMPLE SIZE IS TO BE SENT AT NO COST TO THE COUNTY.

C-5.1 PLAYGROUND SURFACE INSTALLATION
NOT TO SCALE

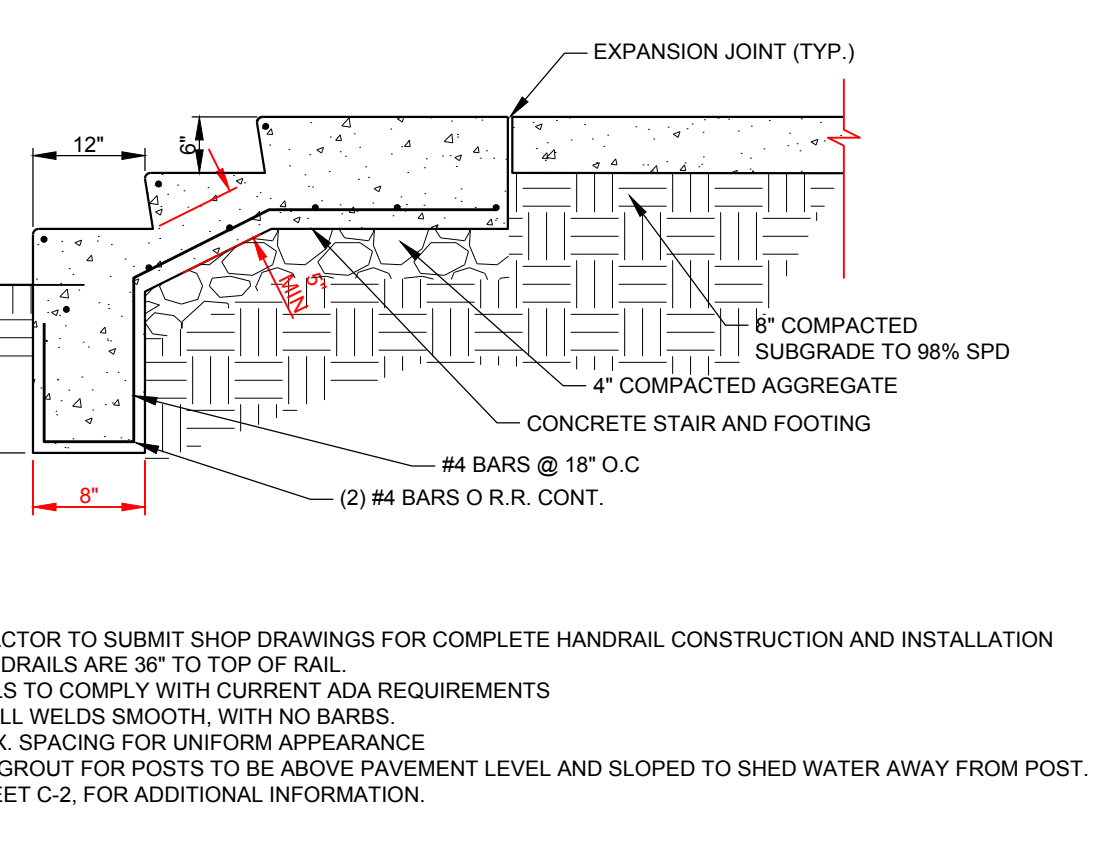


C-5.1 6\" CONCRETE RIBBON CURB
NOT TO SCALE



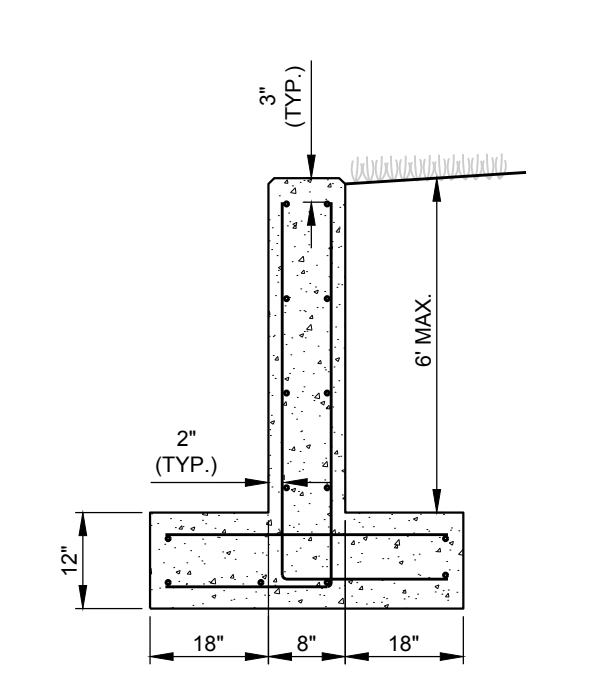
C-5.1 PLAYGROUND ENTRY RAMP
NOT TO SCALE

C-5.1 DECORATIVE FENCE
NOT TO SCALE

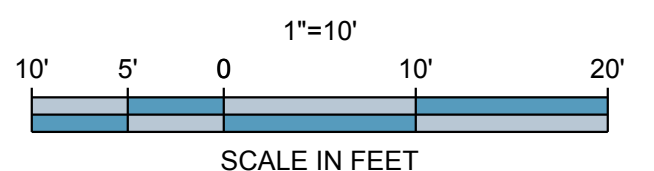
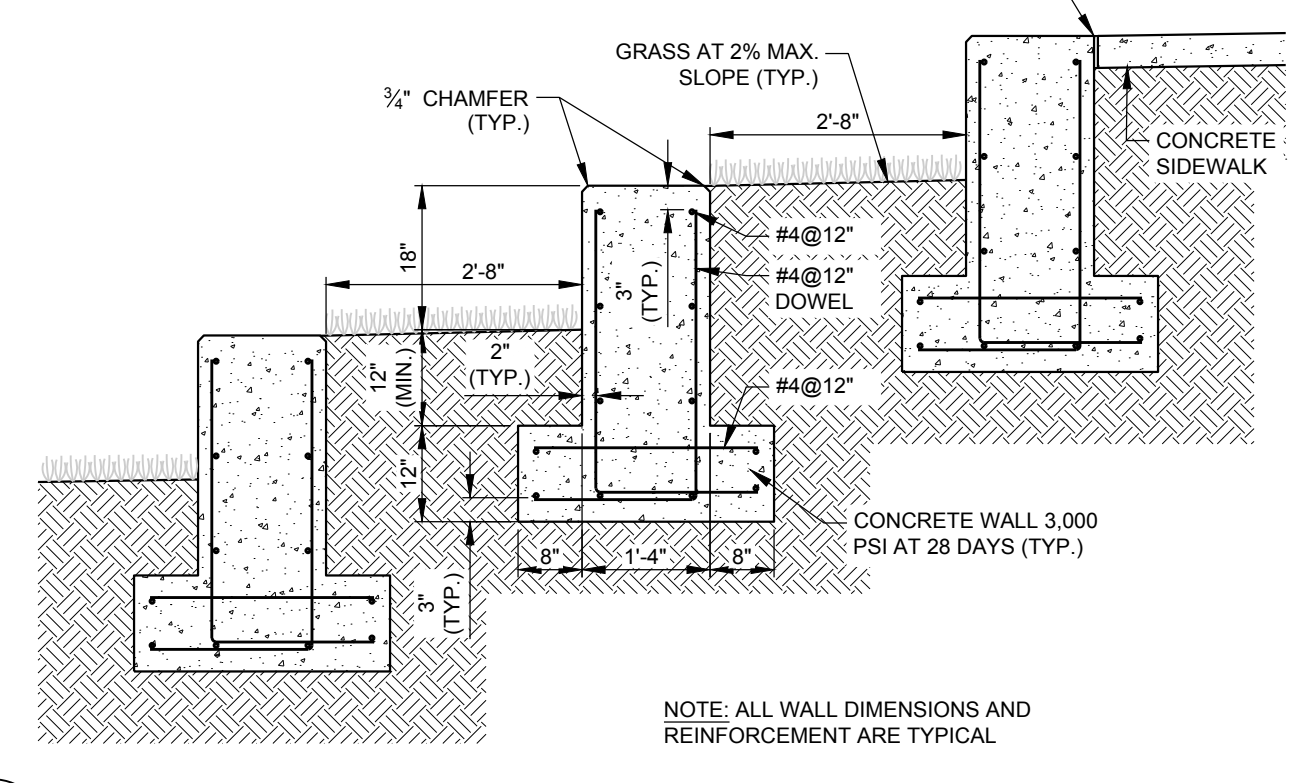


C-5.1 AMPHITHEATER STAIRS
NOT TO SCALE

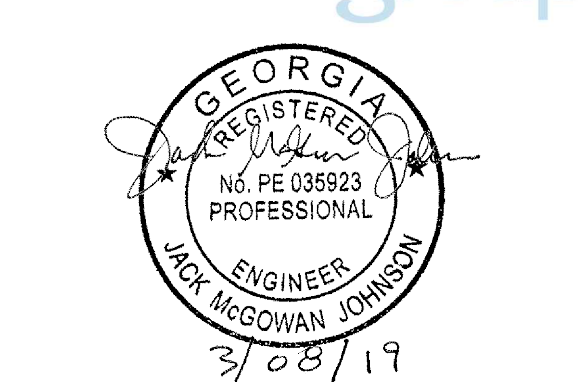
C-5.1 CHEEK WALL
NOT TO SCALE



C-5.1 AMPHITHEATER WALL
NOT TO SCALE



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 SHEET NAME: CONSTRUCTION DETAILS - SHEET NUMBER: C-5.1 PROJECT NAME: DAWSON COUNTY SENIOR CENTER EXPANSION
 3/08/2019 10:47:35 AM



DAWSON COUNTY SENIOR CENTER AND PAVILION 201 RECREATION RD DAWSONVILLE, GA 30534

REVISIONS

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Print Record 2019-01-14 SCHEMATIC DESIGN PACKAGE 2019-02-04 BID PACKAGE 2019-03-08 GRANT REVIEW DOCUMENTS

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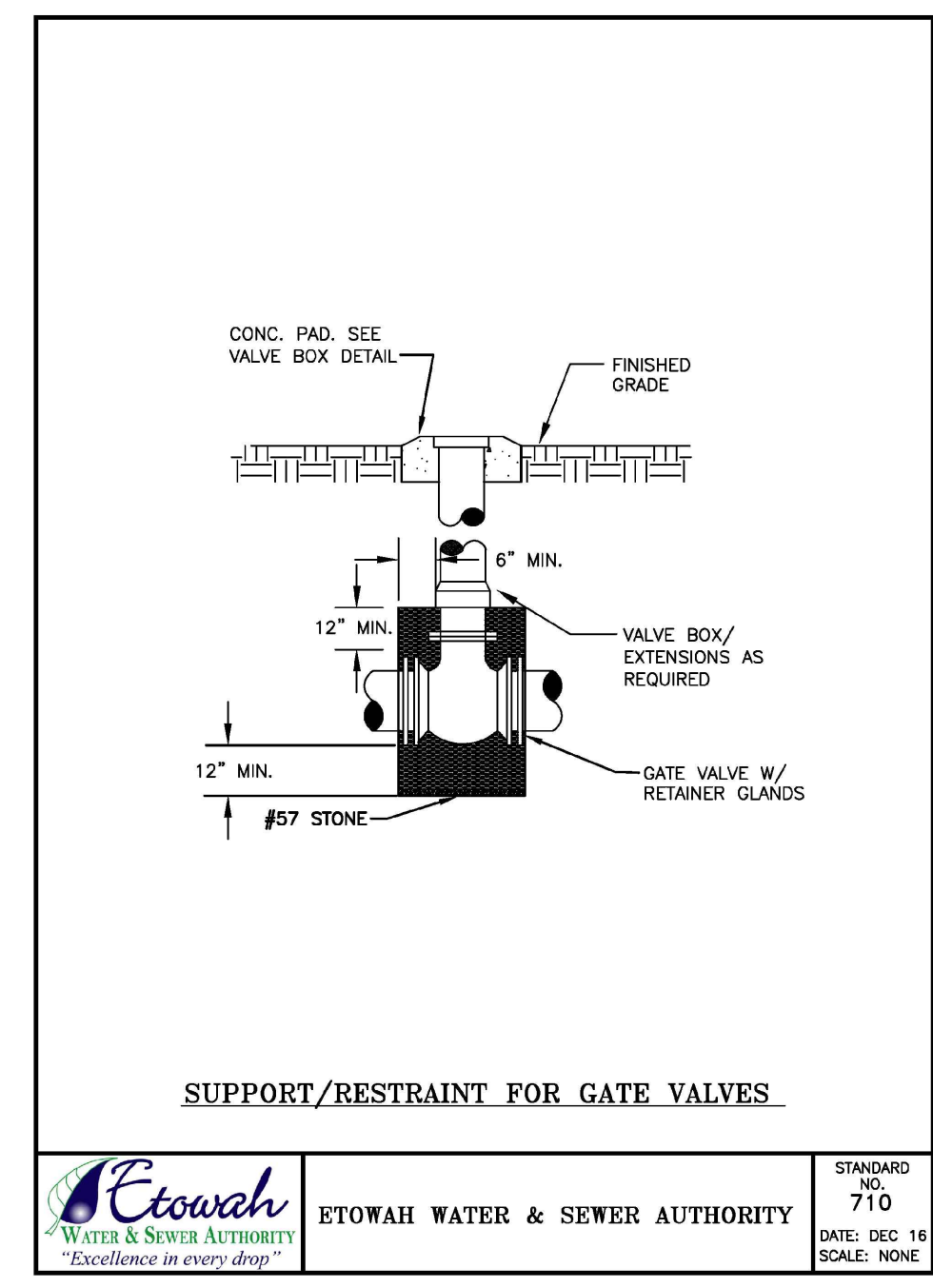
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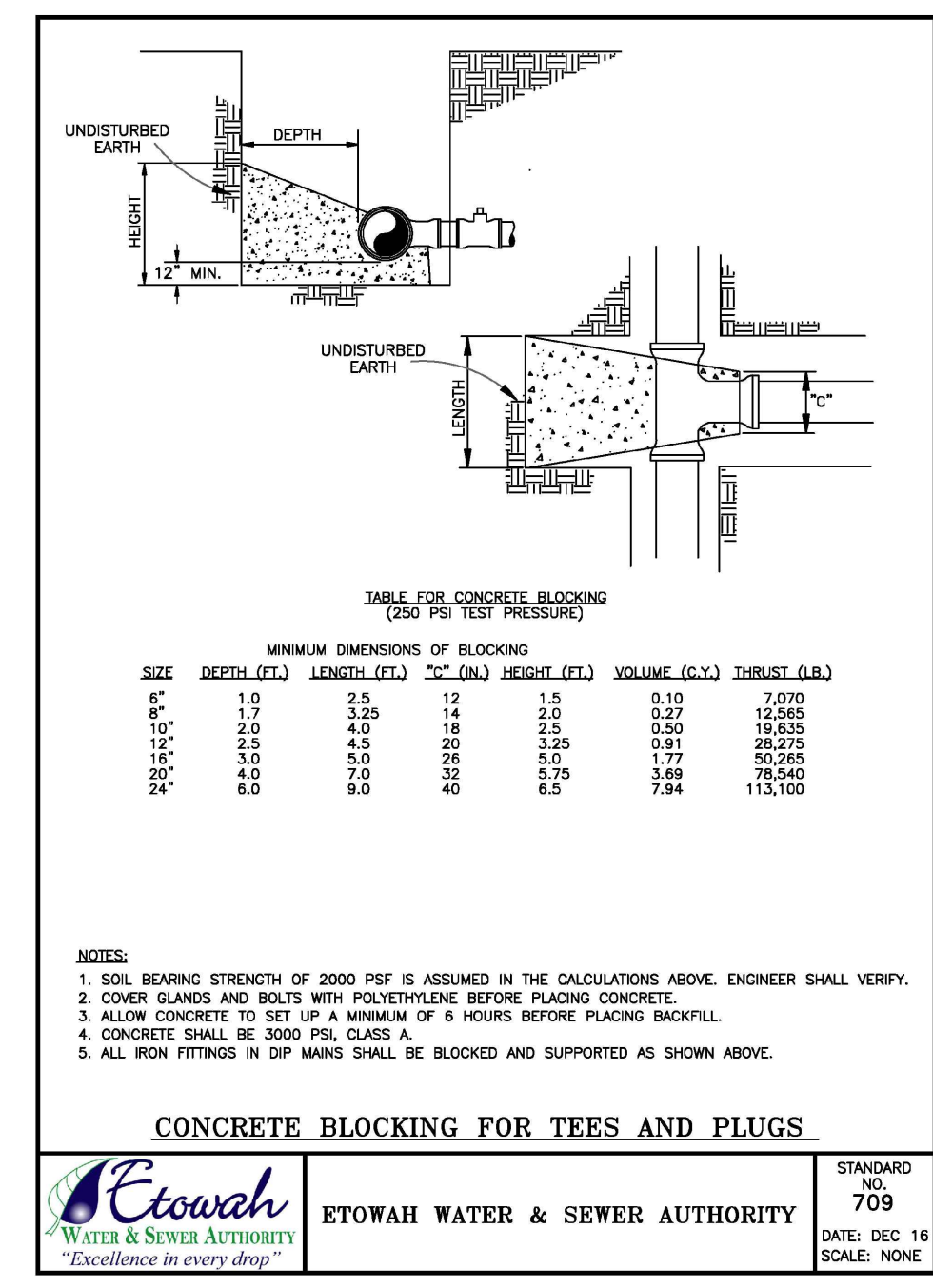
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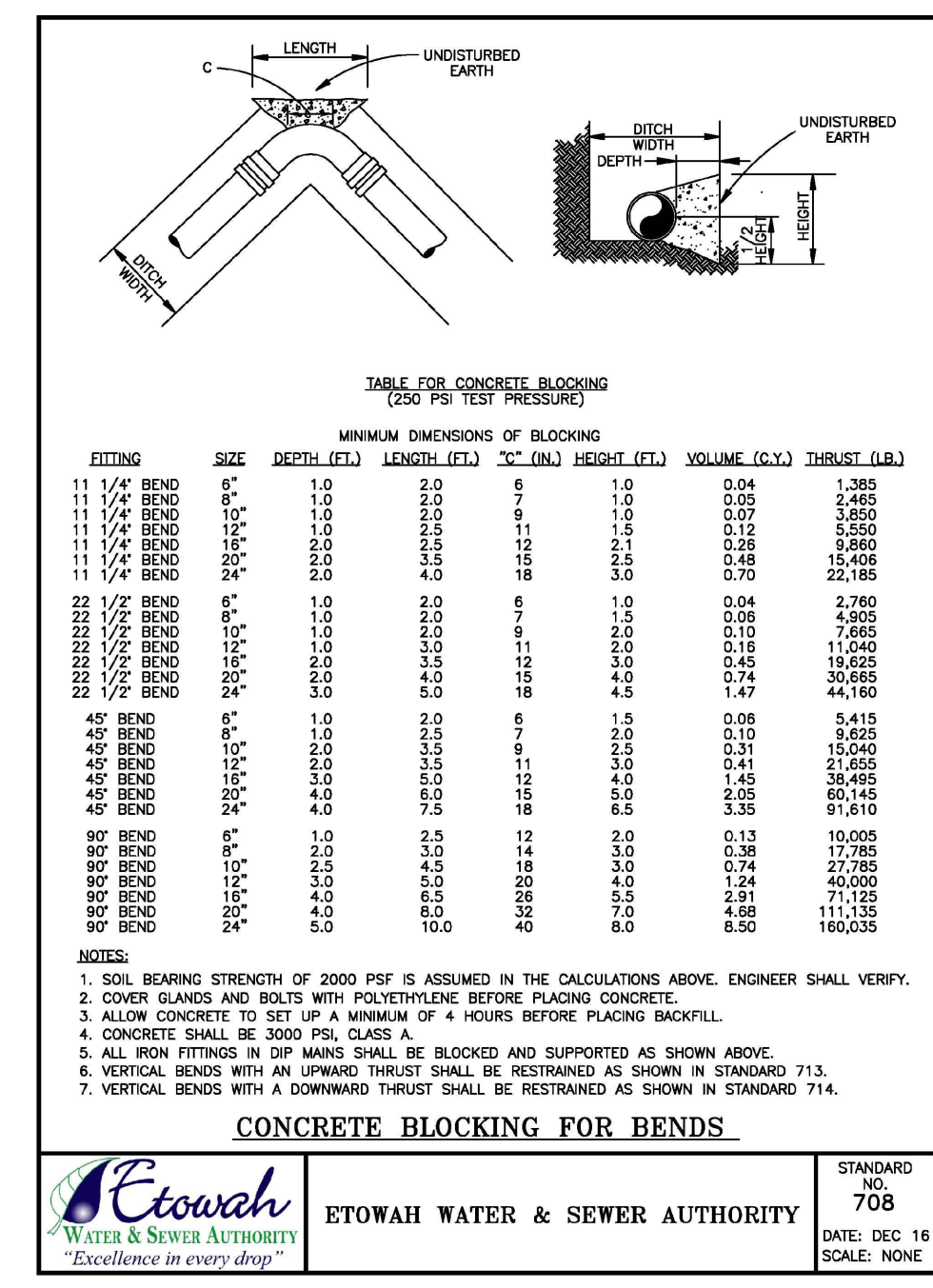
SUPPORT/RESTRAINT FOR GATE VALVES

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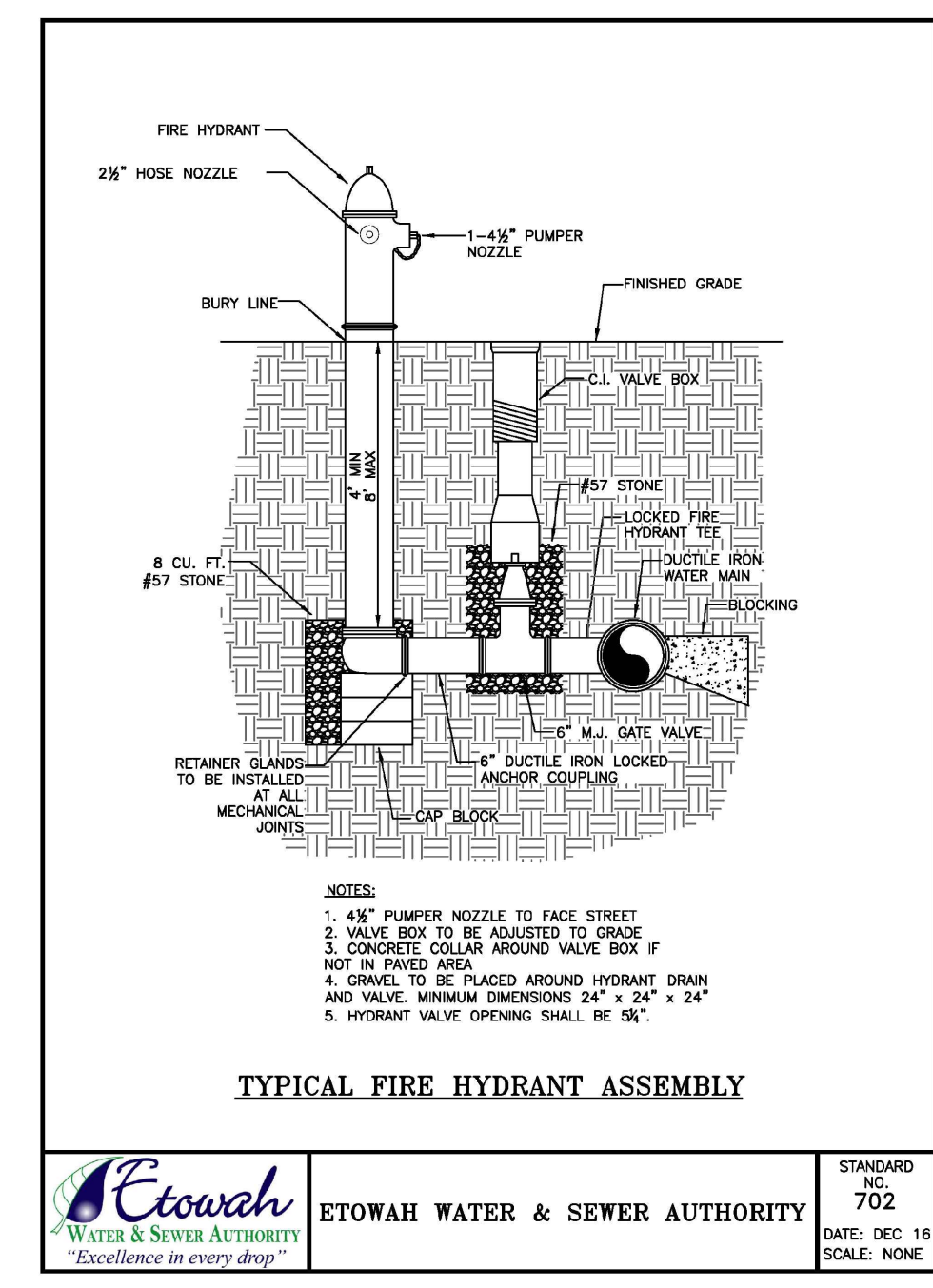
CONCRETE BLOCKING FOR TEES AND PLUGS

ETOWAH WATER & SEWER AUTHORITY STANDARD NO. 709 DATE: DEC 16 SCALE: NONE



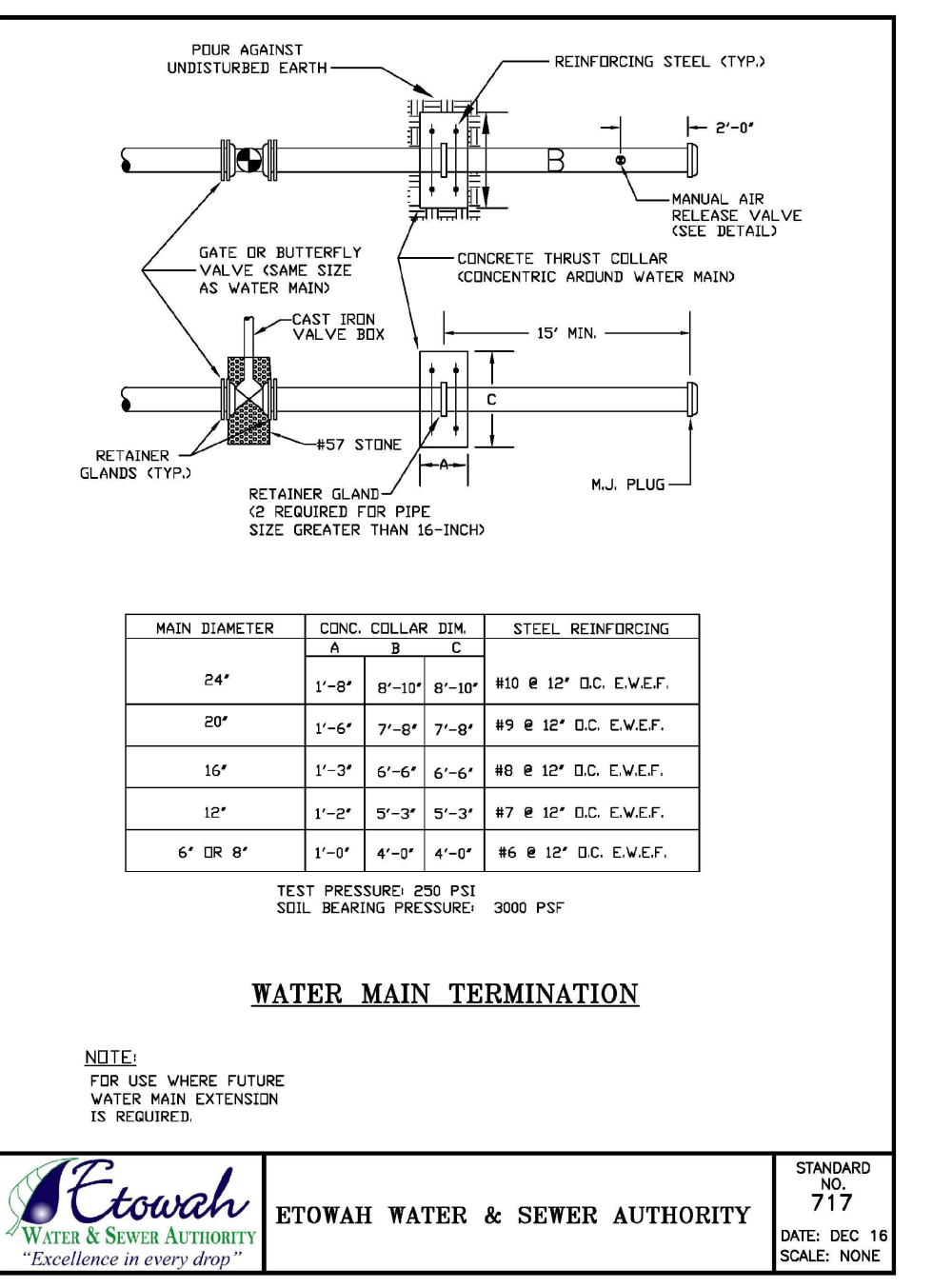
CONCRETE BLOCKING FOR BENDS

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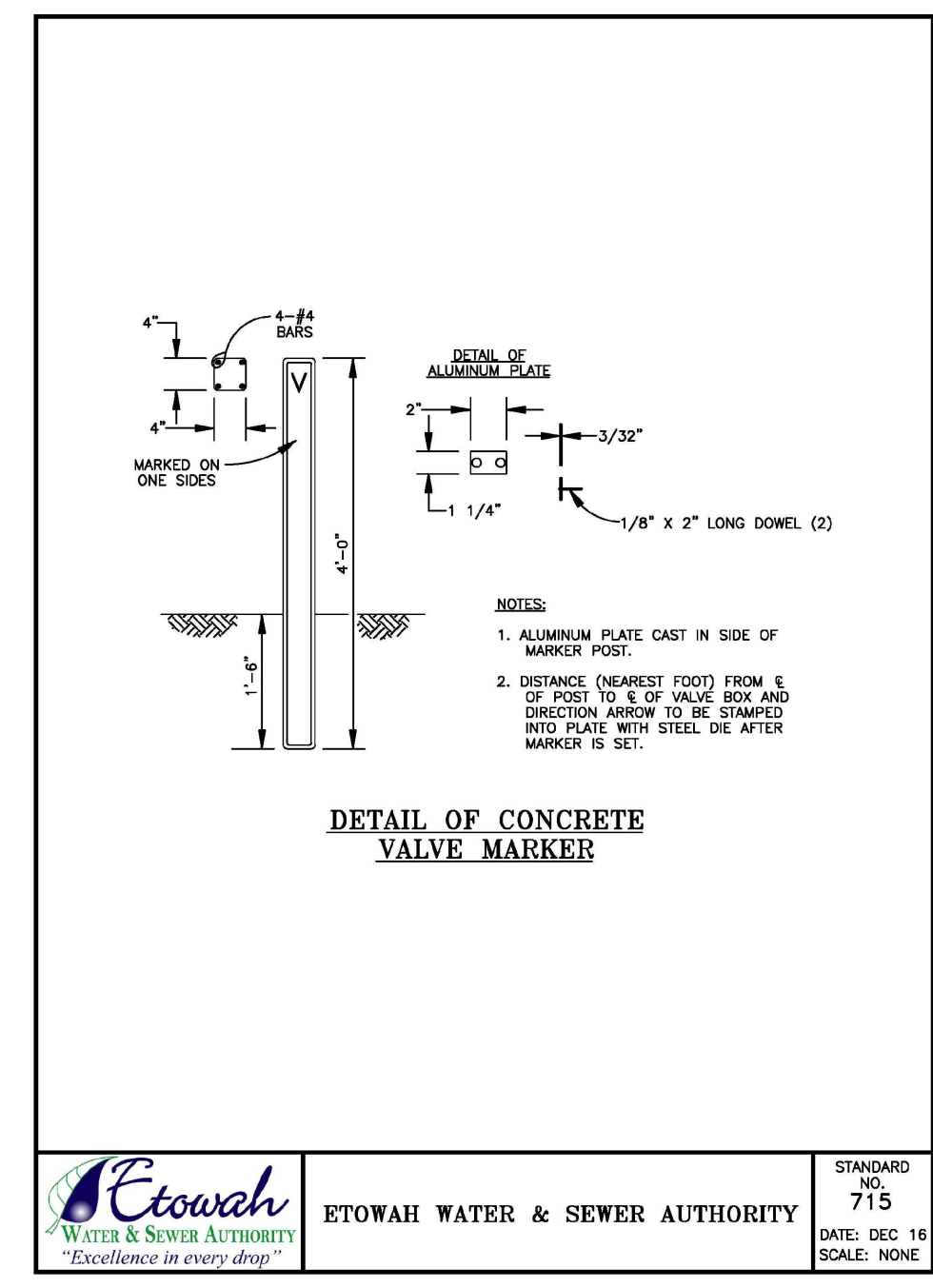
TYPICAL FIRE HYDRANT ASSEMBLY

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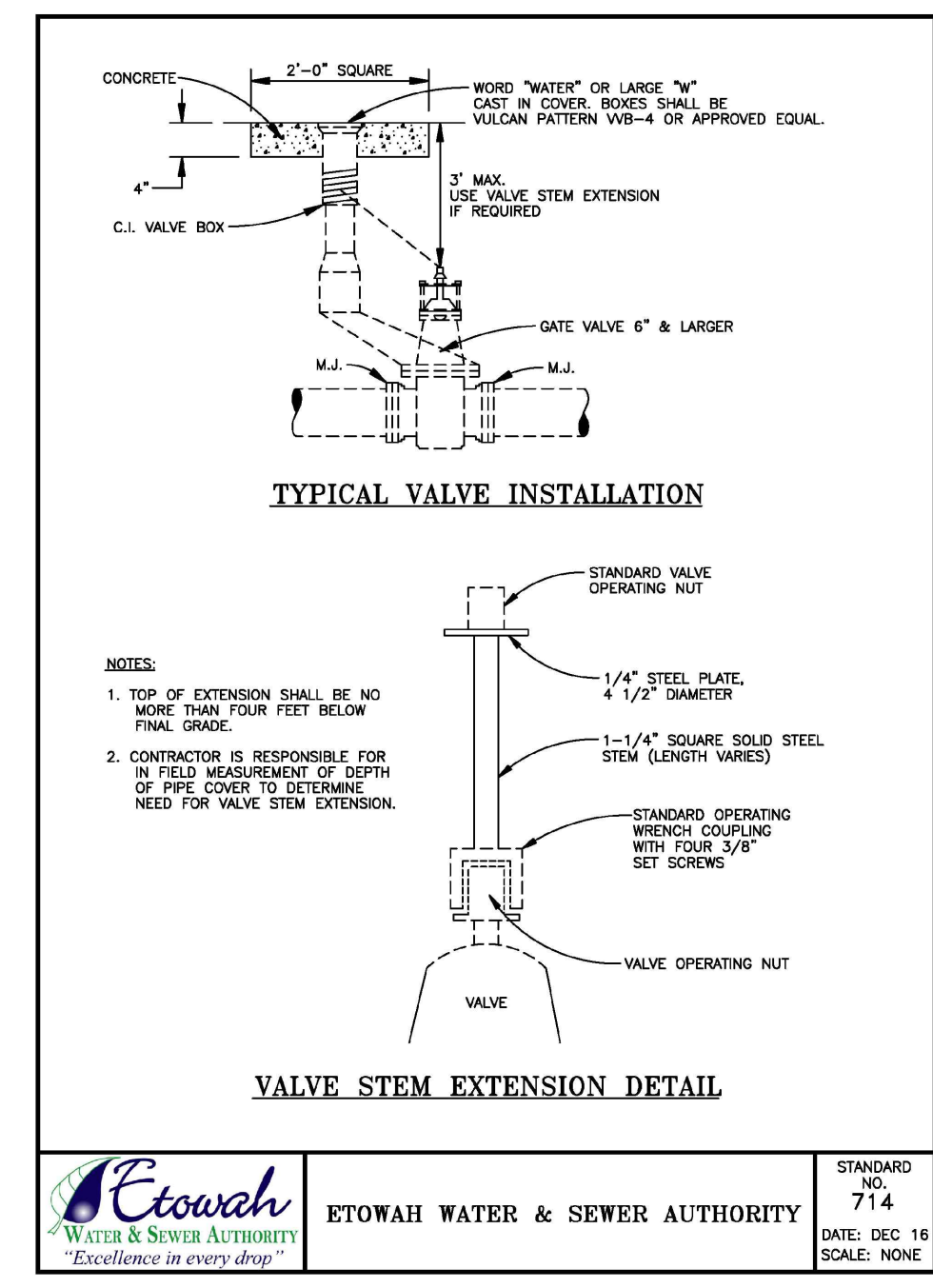
WATER MAIN TERMINATION

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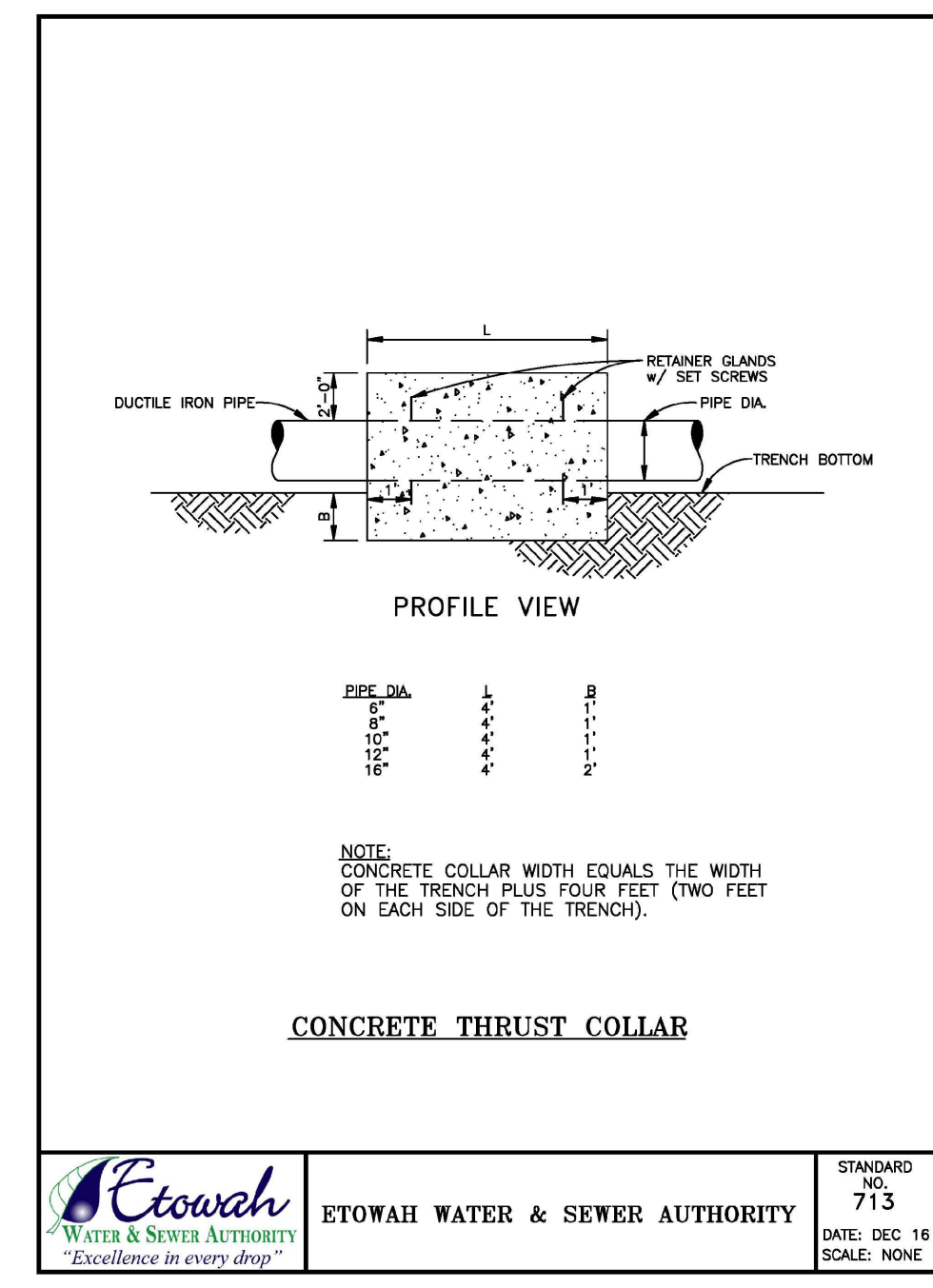
DETAIL OF CONCRETE VALVE MARKER

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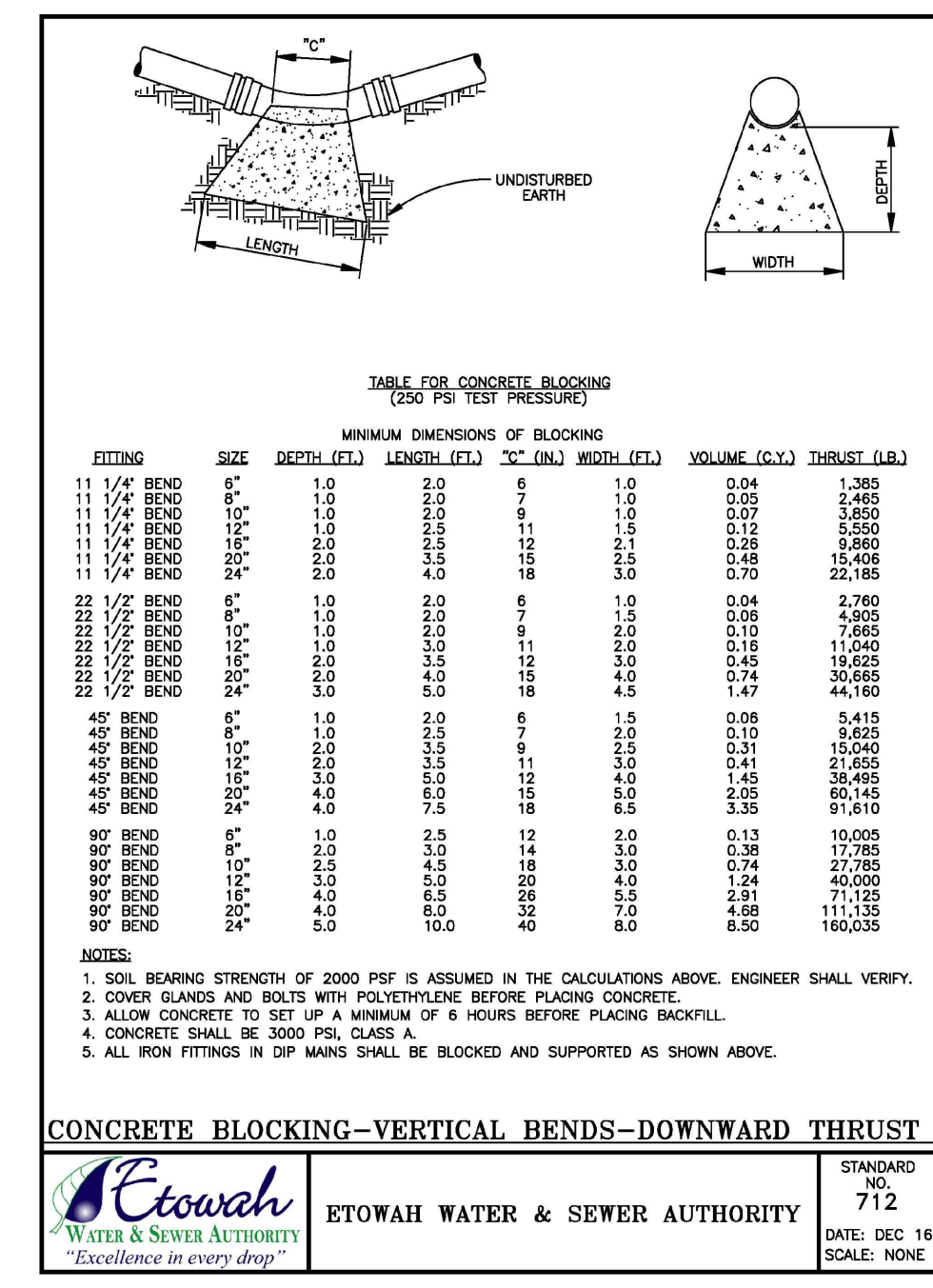
TYPICAL VALVE INSTALLATION

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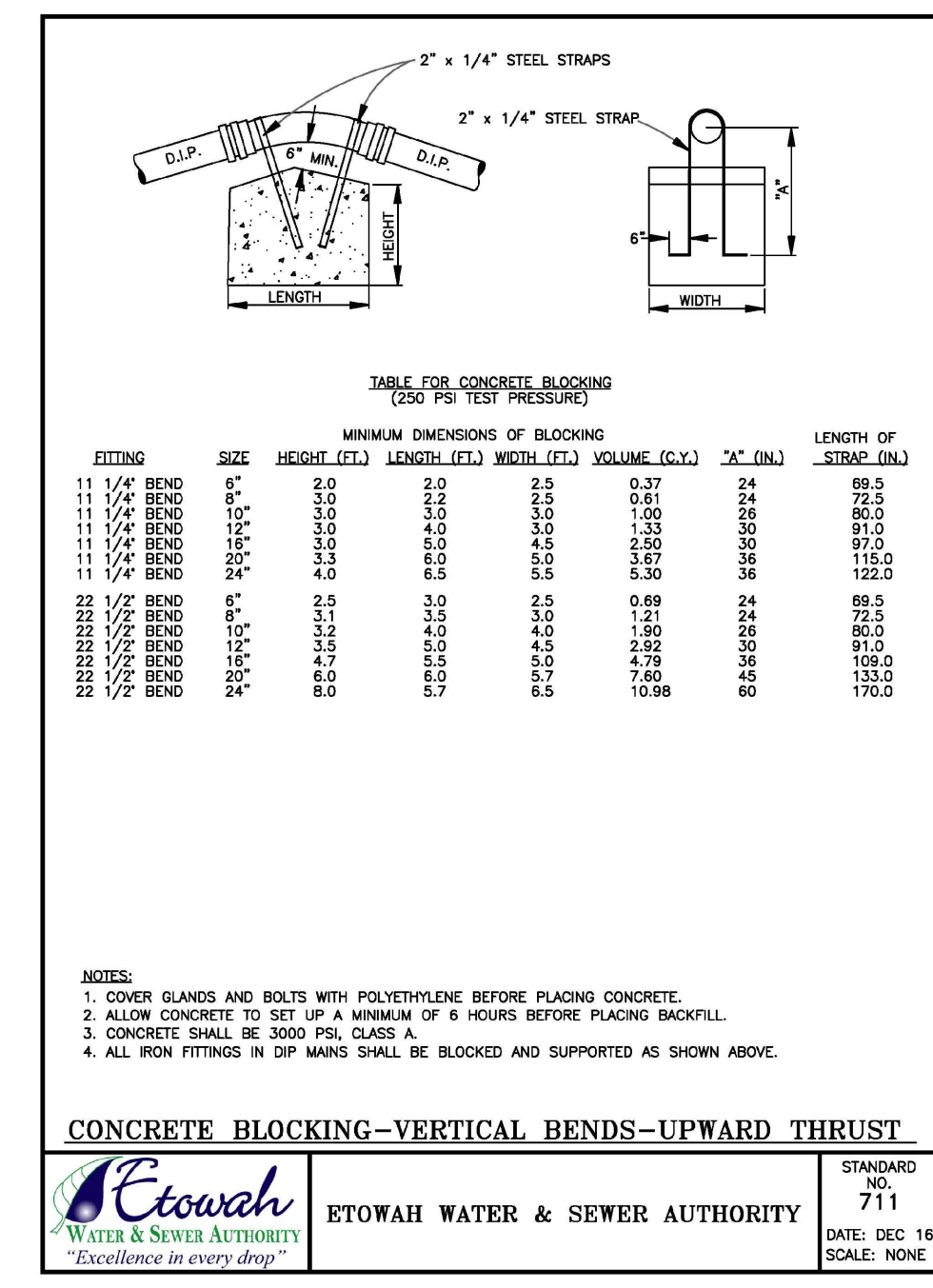
CONCRETE THRUST COLLAR

ETOWAH WATER & SEWER AUTHORITY STANDARD NO. 713 DATE: DEC 16 SCALE: NONE



CONCRETE BLOCKING-VERTICAL BENDS-DOWNWARD THRUST

ETOWAH WATER & SEWER AUTHORITY STANDARD NO. 712 DATE: DEC 16 SCALE: NONE



CONCRETE BLOCKING-VERTICAL BENDS-UPWARD THRUST

ETOWAH WATER & SEWER AUTHORITY STANDARD NO. 711 DATE: DEC 16 SCALE: NONE

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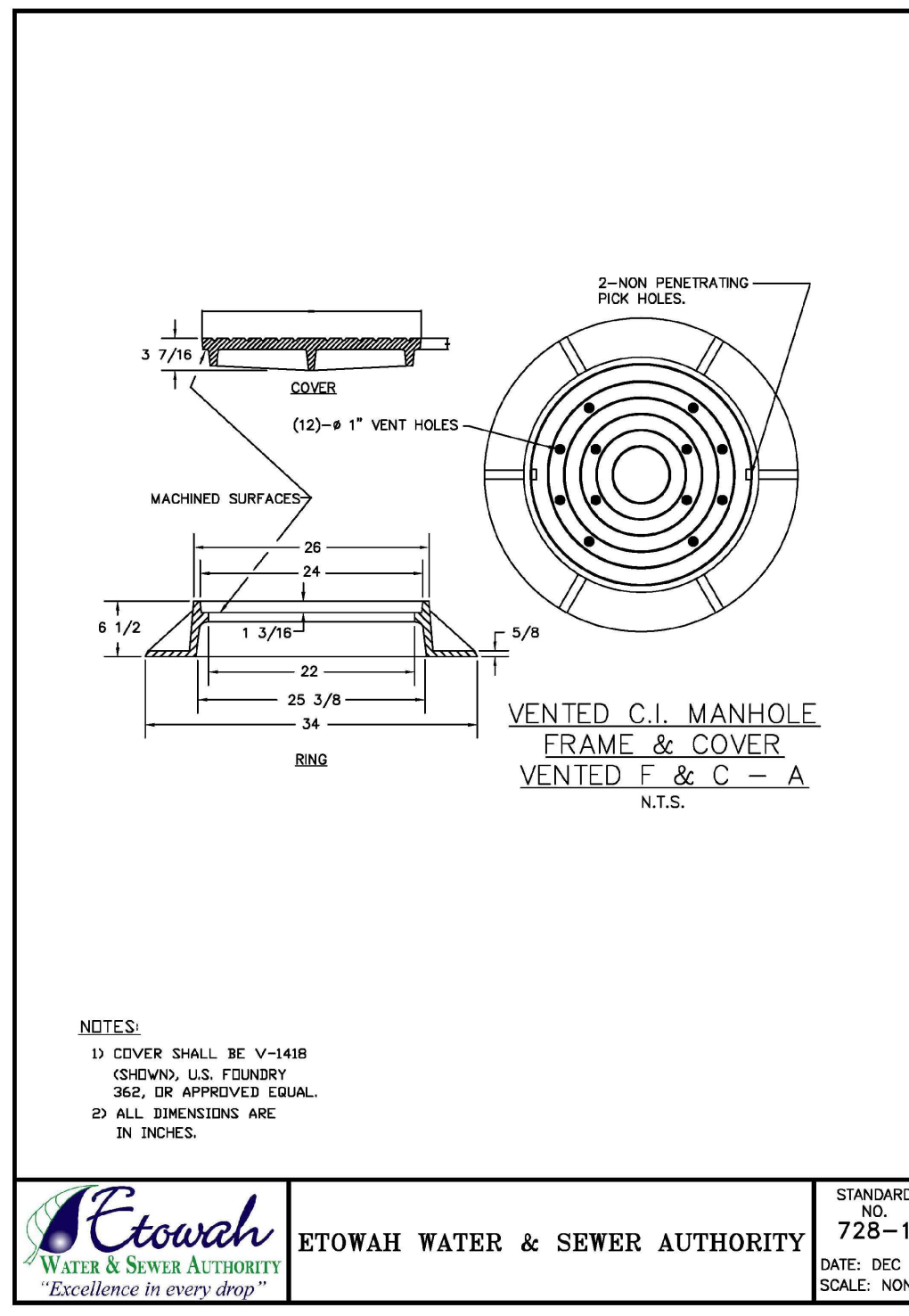
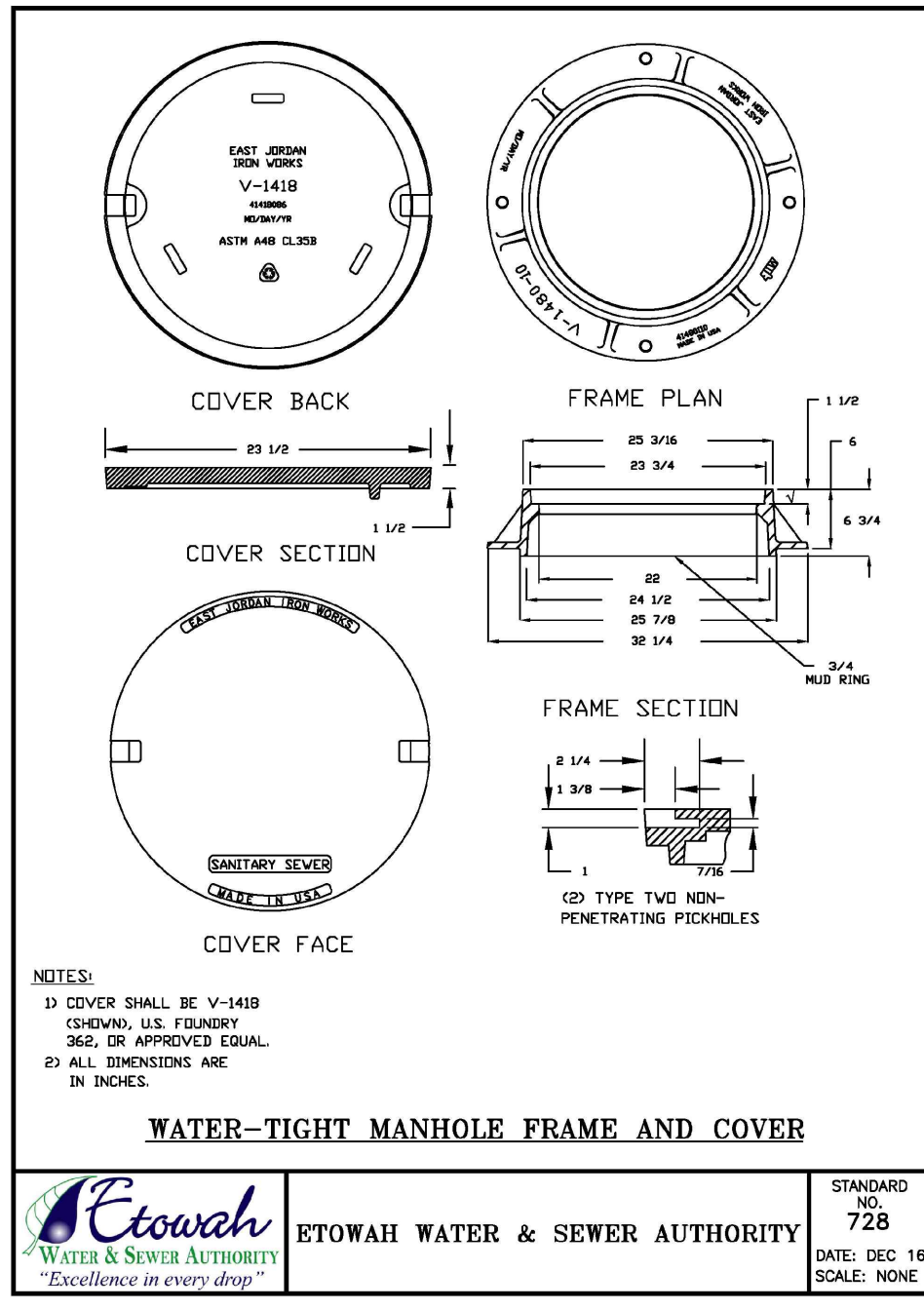
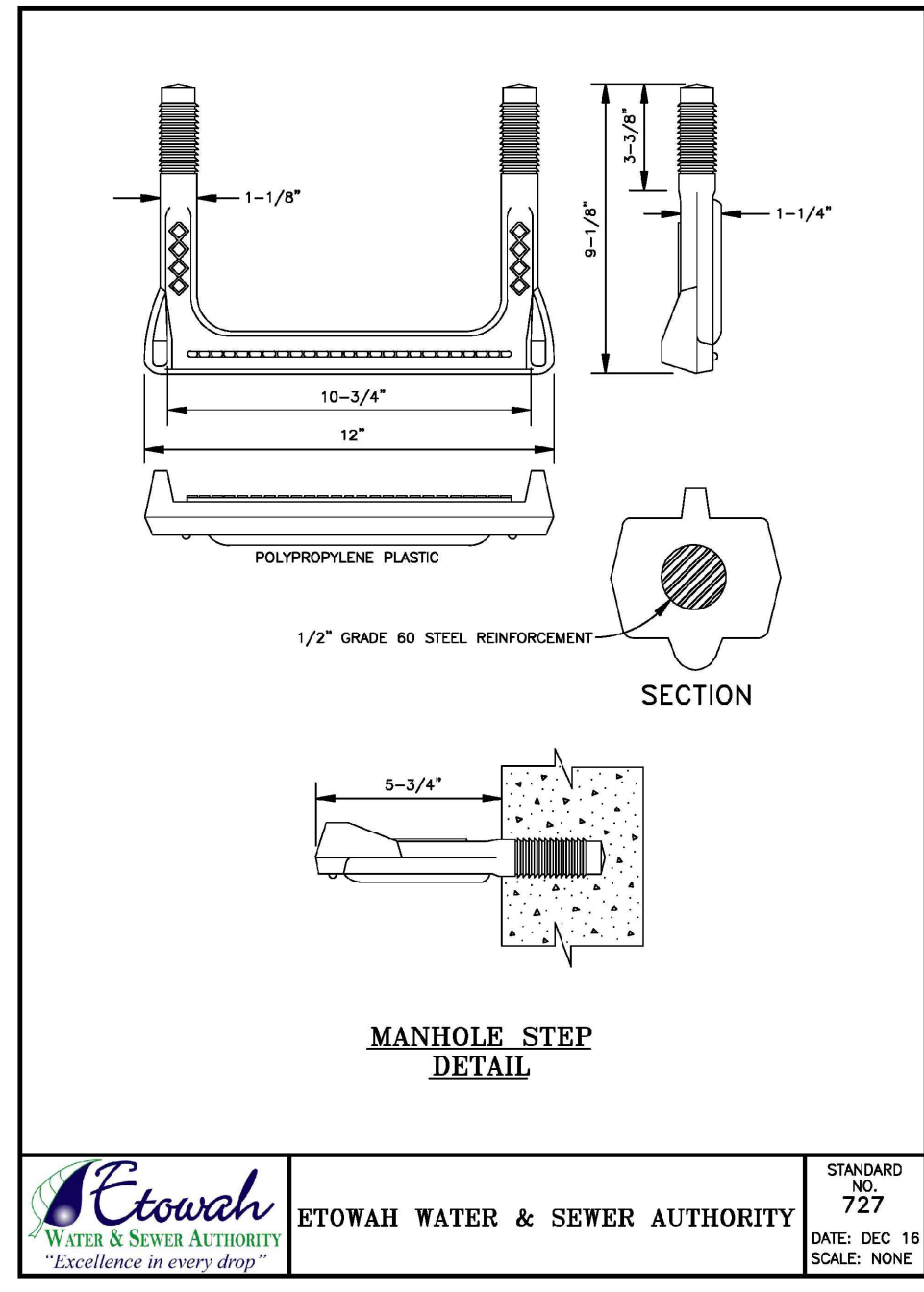
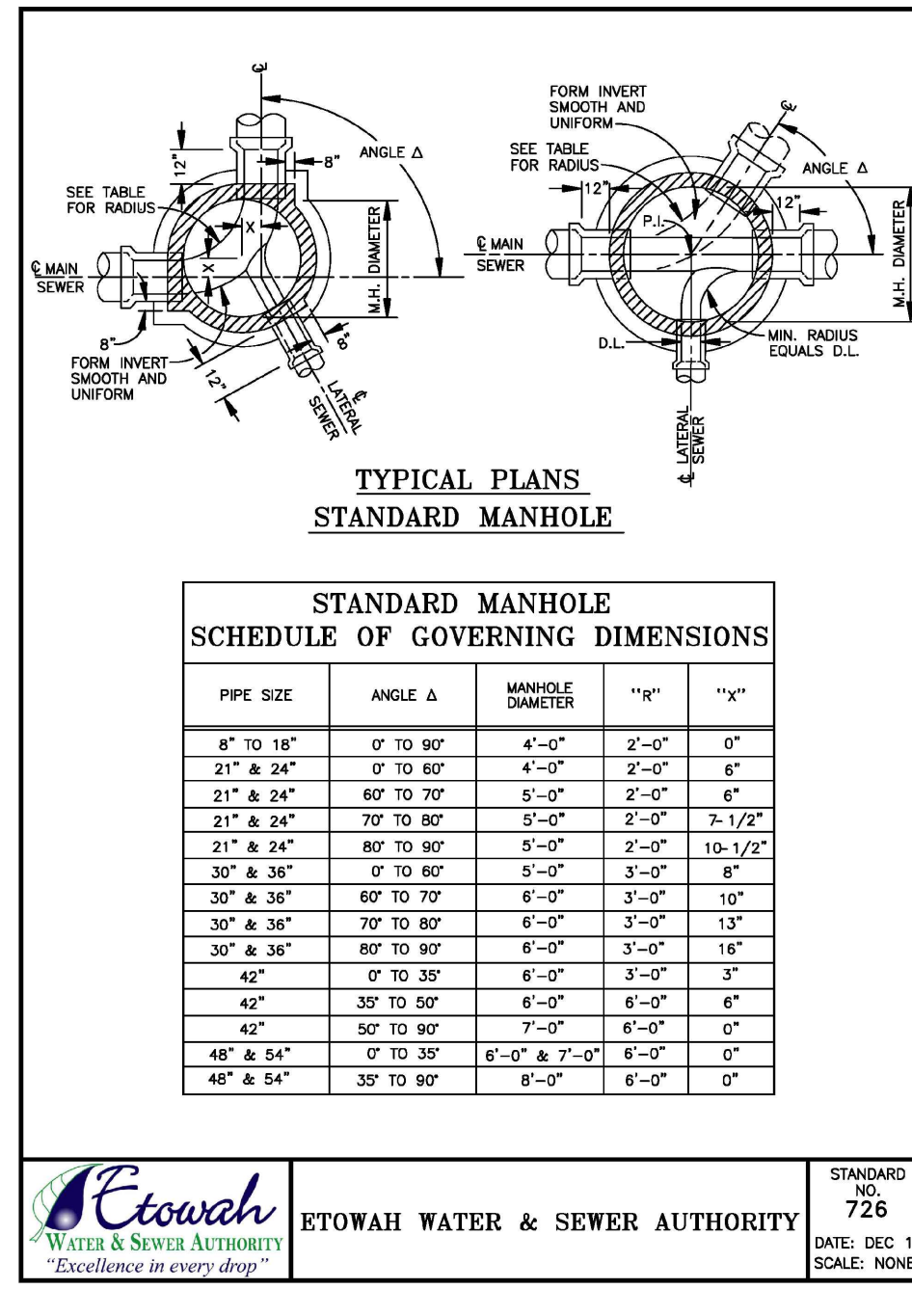
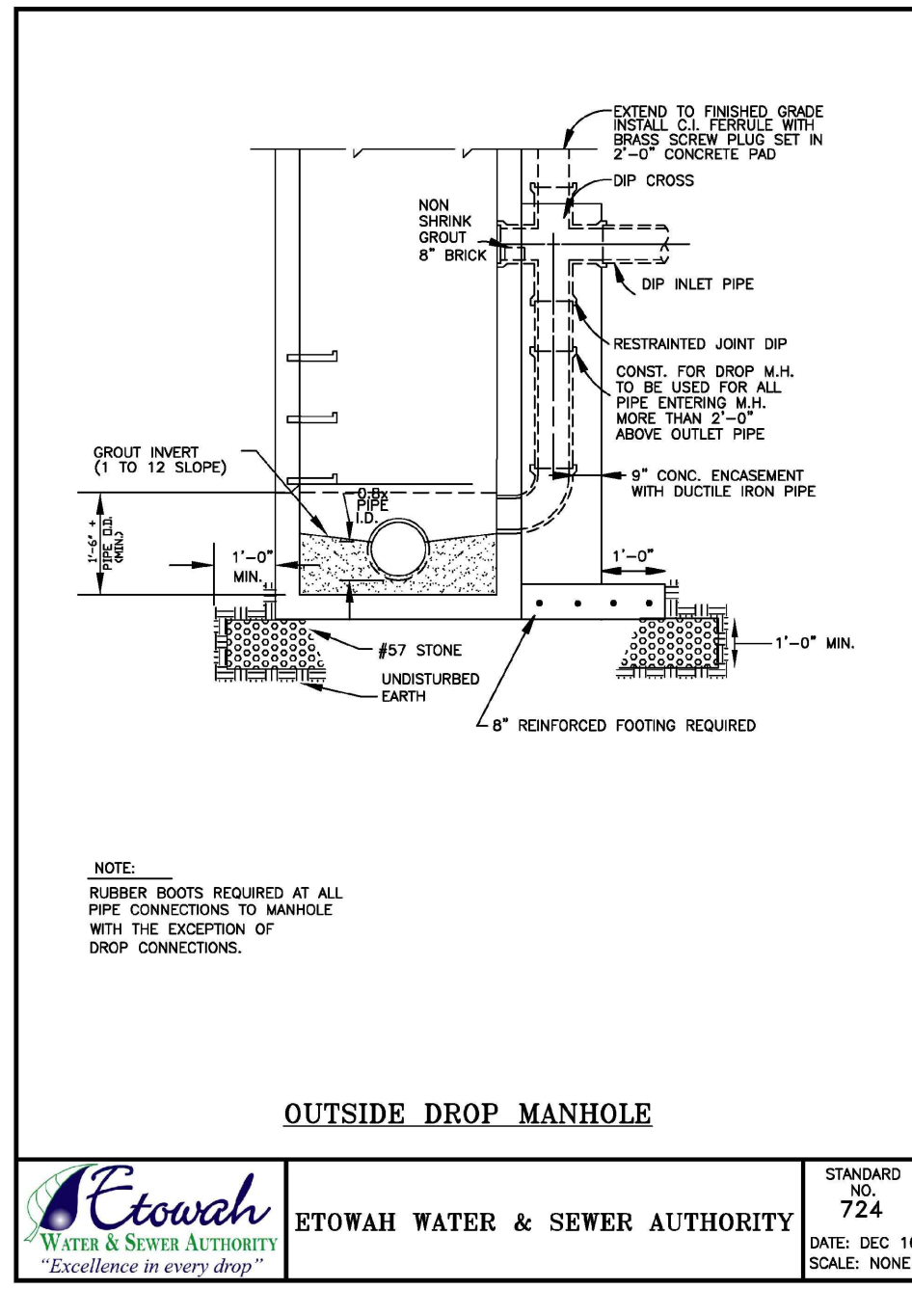
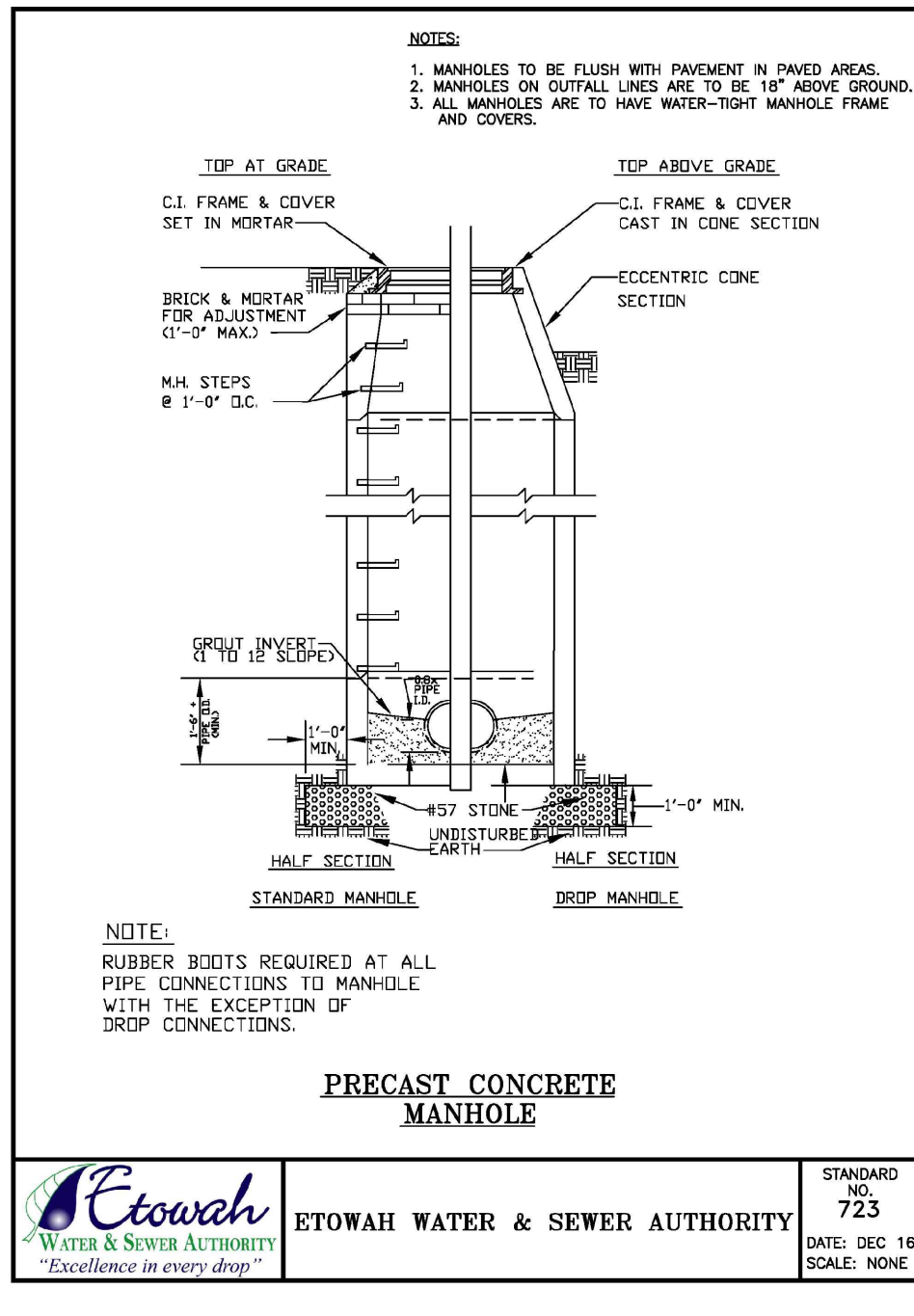
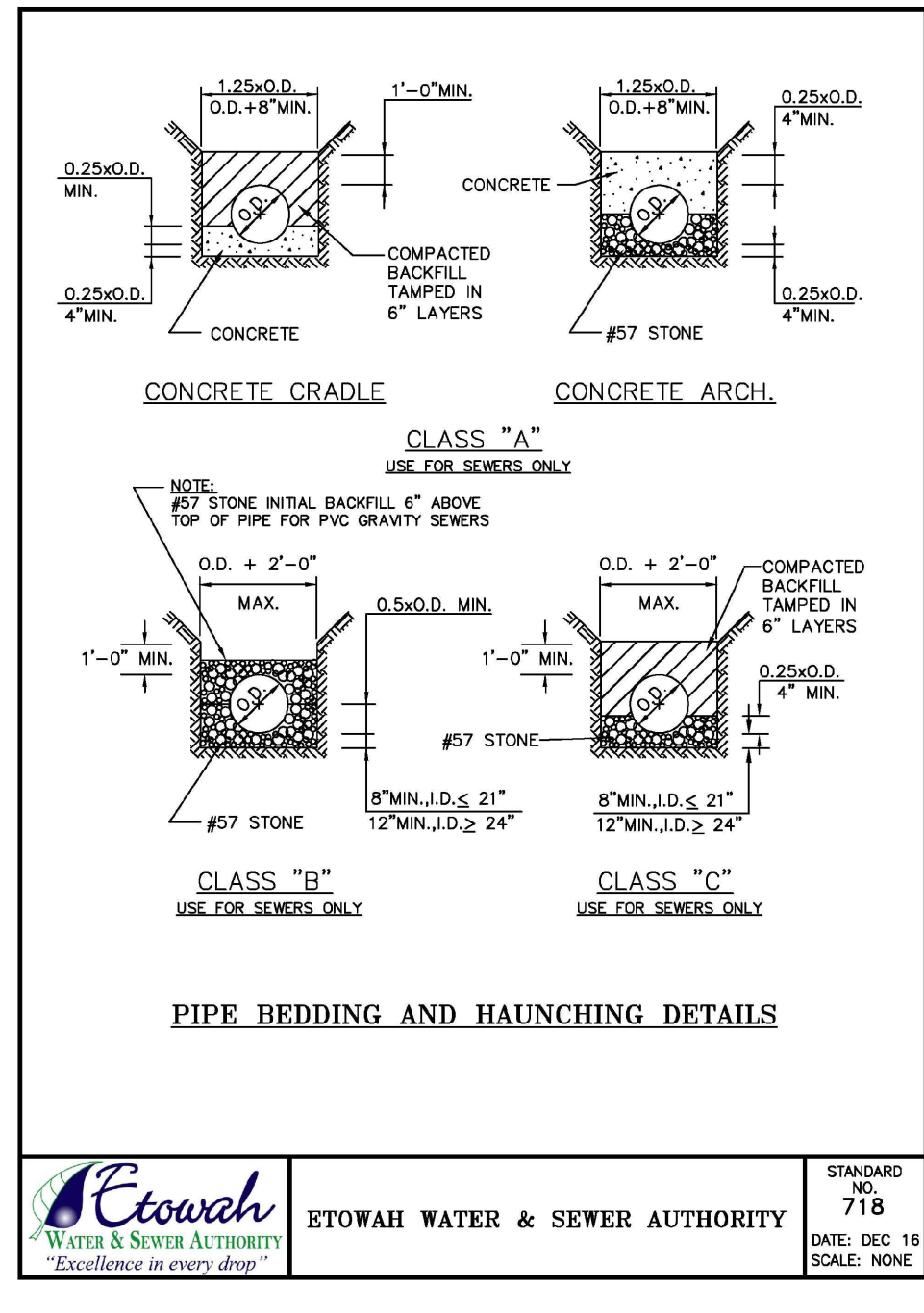
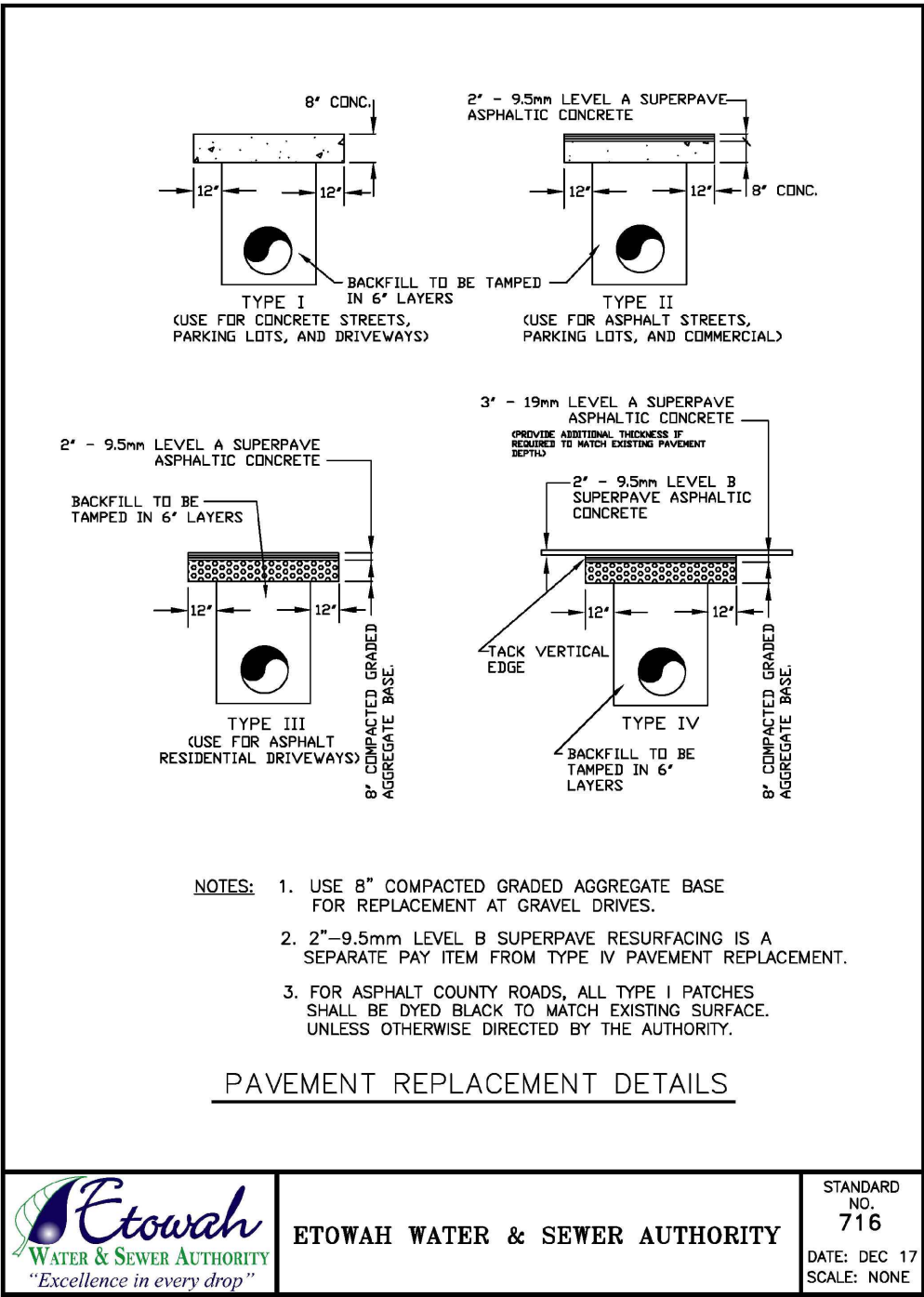


Know what's below. Call before you dig.

3/06/2019 1:01:09 PM

SHEET NAME: UTILITY DETAILS SHEET NUMBER: C-6.1 PROJECT NAME: DAWSON COUNTY SENIOR CENTER EXPANSION

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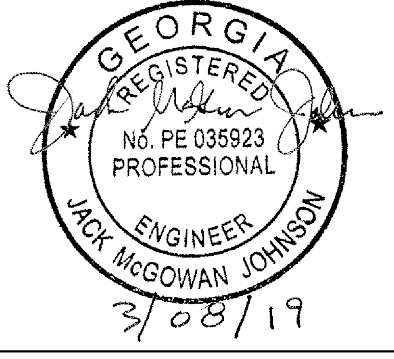
DESIGNING ARCHITECT

WAKEFIELD BEASLEY & ASSOCIATES

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 2019-03-08 GRANT REVIEW DOCUMENTS

Revisions

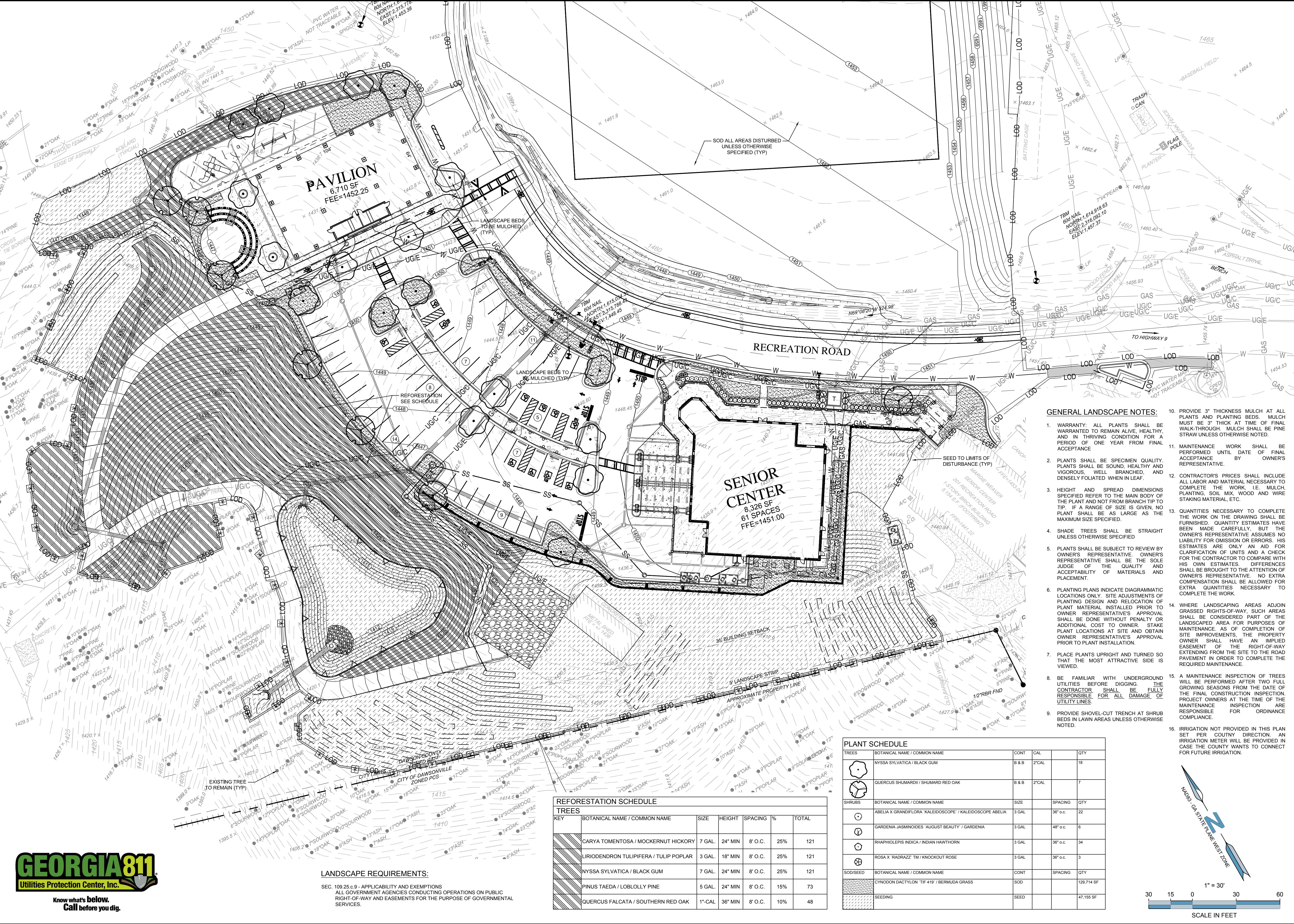
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 SHEET TITLE

UTILITY DETAILS
 SHEET NUMBER
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LANDSCAPE REQUIREMENTS:
 SEC. 109.25.c.9 - APPLICABILITY AND EXEMPTIONS
 ALL GOVERNMENT AGENCIES CONDUCTING OPERATIONS ON PUBLIC RIGHT-OF-WAY AND EASEMENTS FOR THE PURPOSE OF GOVERNMENTAL SERVICES.

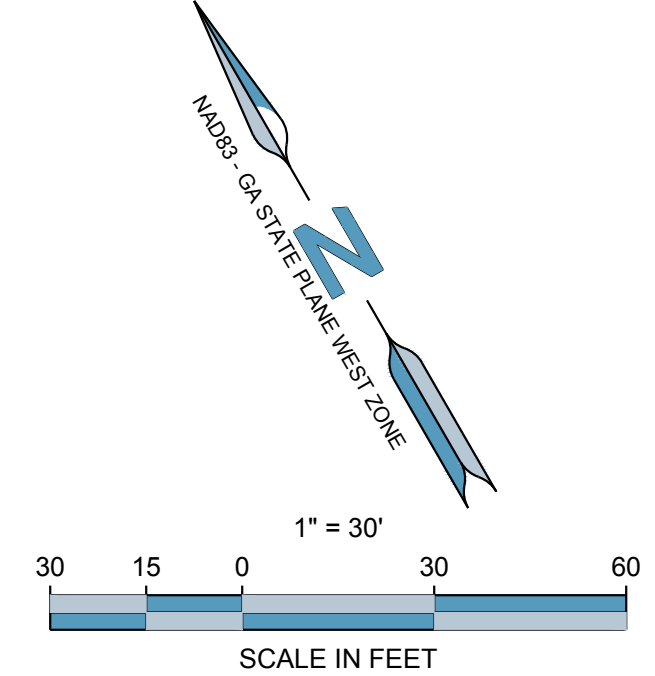
REFORESTATION SCHEDULE

KEY	BOTANICAL NAME / COMMON NAME	SIZE	HEIGHT	SPACING	%	TOTAL
[Symbol]	CARYA TOMENTOSA / MOCKERNUT HICKORY	7 GAL.	24" MIN	8' O.C.	25%	121
[Symbol]	LIRIODENDRON TULIPIFERA / TULIP POPLAR	3 GAL.	18" MIN	8' O.C.	25%	121
[Symbol]	NYSSA SYLVATICA / BLACK GUM	7 GAL.	24" MIN	8' O.C.	25%	121
[Symbol]	PINUS TAEDA / LOBLOLLY PINE	5 GAL.	24" MIN	8' O.C.	15%	73
[Symbol]	QUERCUS FALCATA / SOUTHERN RED OAK	1"-CAL	36" MIN	8' O.C.	10%	48

PLANT SCHEDULE

TREES	BOTANICAL NAME / COMMON NAME	CONT	CAL	QTY
[Symbol]	NYSSA SYLVATICA / BLACK GUM	8 & B	2" CAL	16
[Symbol]	QUERCUS SHUMARDII / SHUMARD RED OAK	8 & B	2" CAL	7
SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE	SPACING	QTY
[Symbol]	ABELIA X GRANDIFLORA 'KALEIDOSCOPE' / KALEIDOSCOPE ABELIA	3 GAL.	36" o.c.	22
[Symbol]	GARDENIA JASMINOIDES 'AUGUST BEAUTY' / GARDENIA	3 GAL.	48" o.c.	6
[Symbol]	RHAPHOLEPIS INDICA / INDIAN HAWTHORN	3 GAL.	36" o.c.	34
[Symbol]	ROSA X 'RADRAZZ' TM / KNOCKOUT ROSE	3 GAL.	36" o.c.	3
SOD/SEED	BOTANICAL NAME / COMMON NAME	CONT	SPACING	QTY
[Symbol]	CYNODON DACTYLON 'TIF 419' / BERMAUDA GRASS	SOD		129,714 SF
[Symbol]	SEEDING	SEED		47,155 SF

- GENERAL LANDSCAPE NOTES:**
- WARRANTY: ALL PLANTS SHALL BE WARRANTED TO REMAIN ALIVE, HEALTHY, AND IN THRIVING CONDITION FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE.
 - PLANTS SHALL BE SPECIMEN QUALITY. PLANTS SHALL BE SOUND, HEALTHY AND VIGOROUS, WELL BRANCHED, AND DENSELY FOLIATED WHEN IN LEAF.
 - HEIGHT AND SPREAD DIMENSIONS SPECIFIED REFER TO THE MAIN BODY OF THE PLANT AND NOT FROM BRANCH TIP TO TIP. IF A RANGE OF SIZE IS GIVEN, NO PLANT SHALL BE AS LARGE AS THE MAXIMUM SIZE SPECIFIED.
 - SHADE TREES SHALL BE STRAIGHT UNLESS OTHERWISE SPECIFIED.
 - PLANTS SHALL BE SUBJECT TO REVIEW BY OWNER'S REPRESENTATIVE. OWNER'S REPRESENTATIVE SHALL BE THE SOLE JUDGE OF THE QUALITY AND ACCEPTABILITY OF MATERIALS AND PLACEMENT.
 - PLANTING PLANS INDICATE DIAGRAMMATIC LOCATIONS ONLY. SITE ADJUSTMENTS OF PLANT MATERIAL INSTALLED PRIOR TO OWNER REPRESENTATIVE'S APPROVAL SHALL BE DONE WITHOUT PENALTY OR ADDITIONAL COST TO OWNER. STAKE PLANT LOCATIONS AT SITE AND OBTAIN OWNER REPRESENTATIVE'S APPROVAL PRIOR TO PLANT INSTALLATION.
 - PLACE PLANTS UPRIGHT AND TURNED SO THAT THE MOST ATTRACTIVE SIDE IS VIEWED.
 - BE FAMILIAR WITH UNDERGROUND UTILITIES BEFORE DIGGING. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGE OF UTILITY LINES.
 - PROVIDE SHOVEL-CUT TRENCH AT SHRUB BEDS IN LAWN AREAS UNLESS OTHERWISE NOTED.
 - PROVIDE 3" THICKNESS MULCH AT ALL PLANTS AND PLANTING BEDS. MULCH MUST BE 3" THICK AT TIME OF FINAL WALK-THROUGH. MULCH SHALL BE PINE STRAW UNLESS OTHERWISE NOTED.
 - MAINTENANCE WORK SHALL BE PERFORMED UNTIL DATE OF FINAL ACCEPTANCE BY OWNER'S REPRESENTATIVE.
 - CONTRACTOR'S PRICES SHALL INCLUDE ALL LABOR AND MATERIAL NECESSARY TO COMPLETE THE WORK, I.E. MULCH, PLANTING, SOIL MIX, WOOD AND WIRE STAKING MATERIAL, ETC.
 - QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWING SHALL BE FURNISHED. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE OWNER'S REPRESENTATIVE ASSUMES NO LIABILITY FOR OMISSION OR ERRORS. HIS ESTIMATES ARE ONLY AN AID FOR CLARIFICATION OF UNITS AND A CHECK FOR THE CONTRACTOR TO COMPARE WITH HIS OWN ESTIMATES. DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF OWNER'S REPRESENTATIVE. NO EXTRA COMPENSATION SHALL BE ALLOWED FOR EXTRA QUANTITIES NECESSARY TO COMPLETE THE WORK.
 - WHERE LANDSCAPING AREAS ADJOIN GRASSED RIGHTS-OF-WAY, SUCH AREAS SHALL BE CONSIDERED PART OF THE LANDSCAPED AREA FOR PURPOSES OF MAINTENANCE. AS OF COMPLETION OF SITE IMPROVEMENTS, THE PROPERTY OWNER SHALL HAVE AN IMPLIED EASEMENT OF THE RIGHT-OF-WAY EXTENDING FROM THE SITE TO THE ROAD PAVEMENT IN ORDER TO COMPLETE THE REQUIRED MAINTENANCE.
 - A MAINTENANCE INSPECTION OF TREES WILL BE PERFORMED AFTER TWO FULL GROWING SEASONS FROM THE DATE OF THE FINAL CONSTRUCTION INSPECTION. PROJECT OWNERS AT THE TIME OF THE MAINTENANCE INSPECTION ARE RESPONSIBLE FOR ORDINANCE COMPLIANCE.
 - IRRIGATION NOT PROVIDED IN THIS PLAN SET PER COUNTY DIRECTION. AN IRRIGATION METER WILL BE PROVIDED IN CASE THE COUNTY WANTS TO CONNECT FOR FUTURE IRRIGATION.



DESIGNING ARCHITECT
WAKEFIELD BEASLEY & ASSOCIATES

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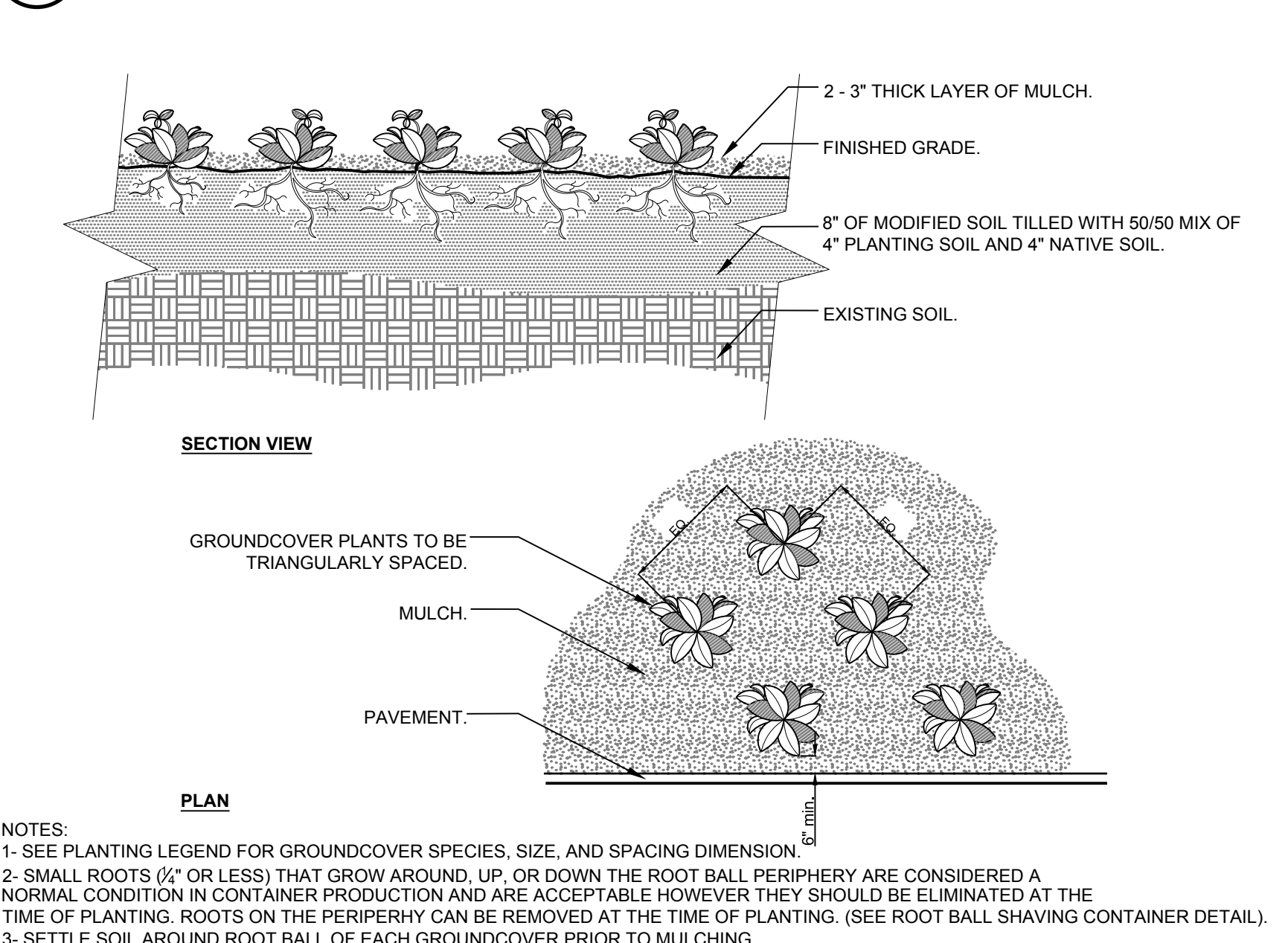
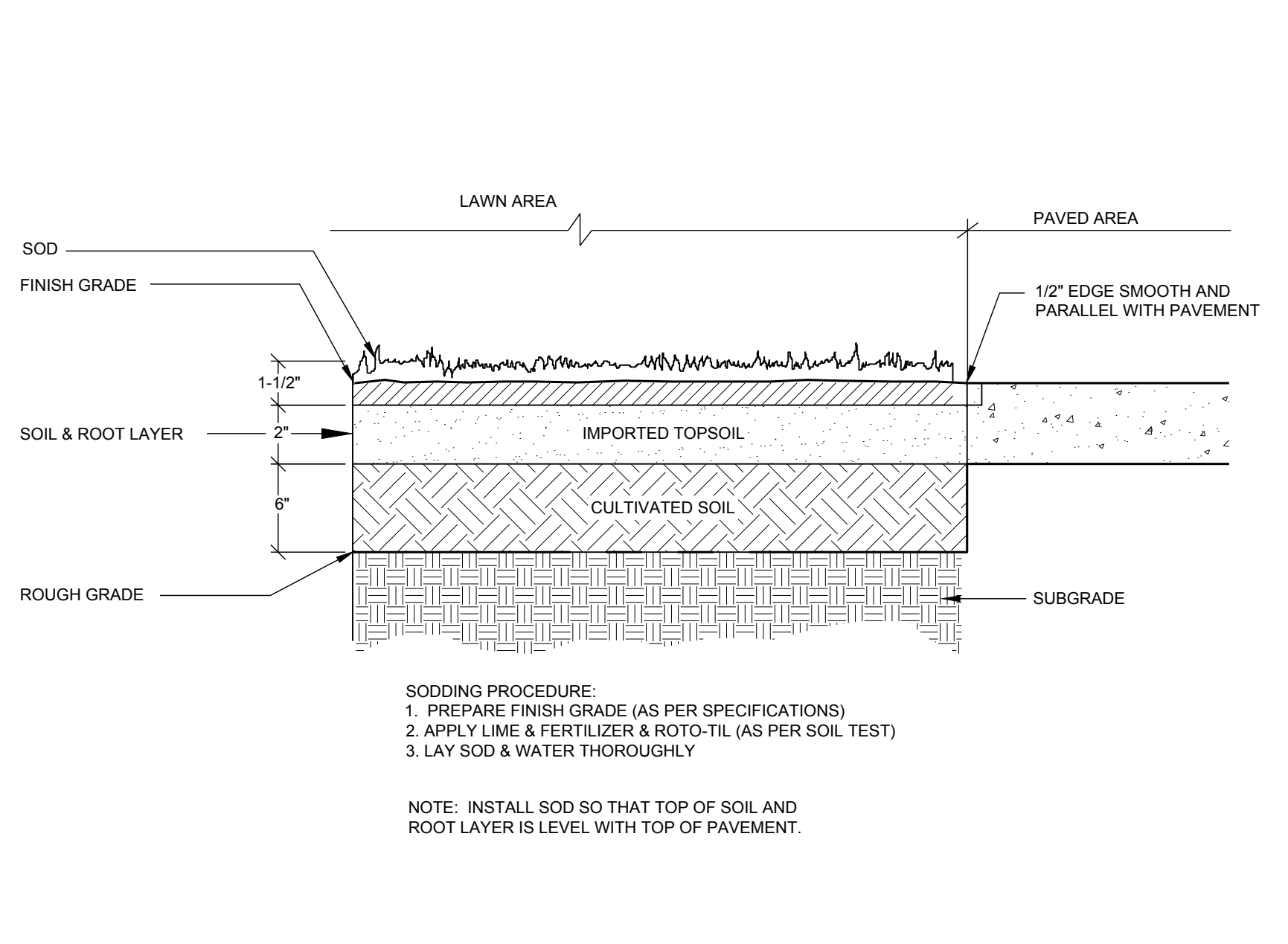
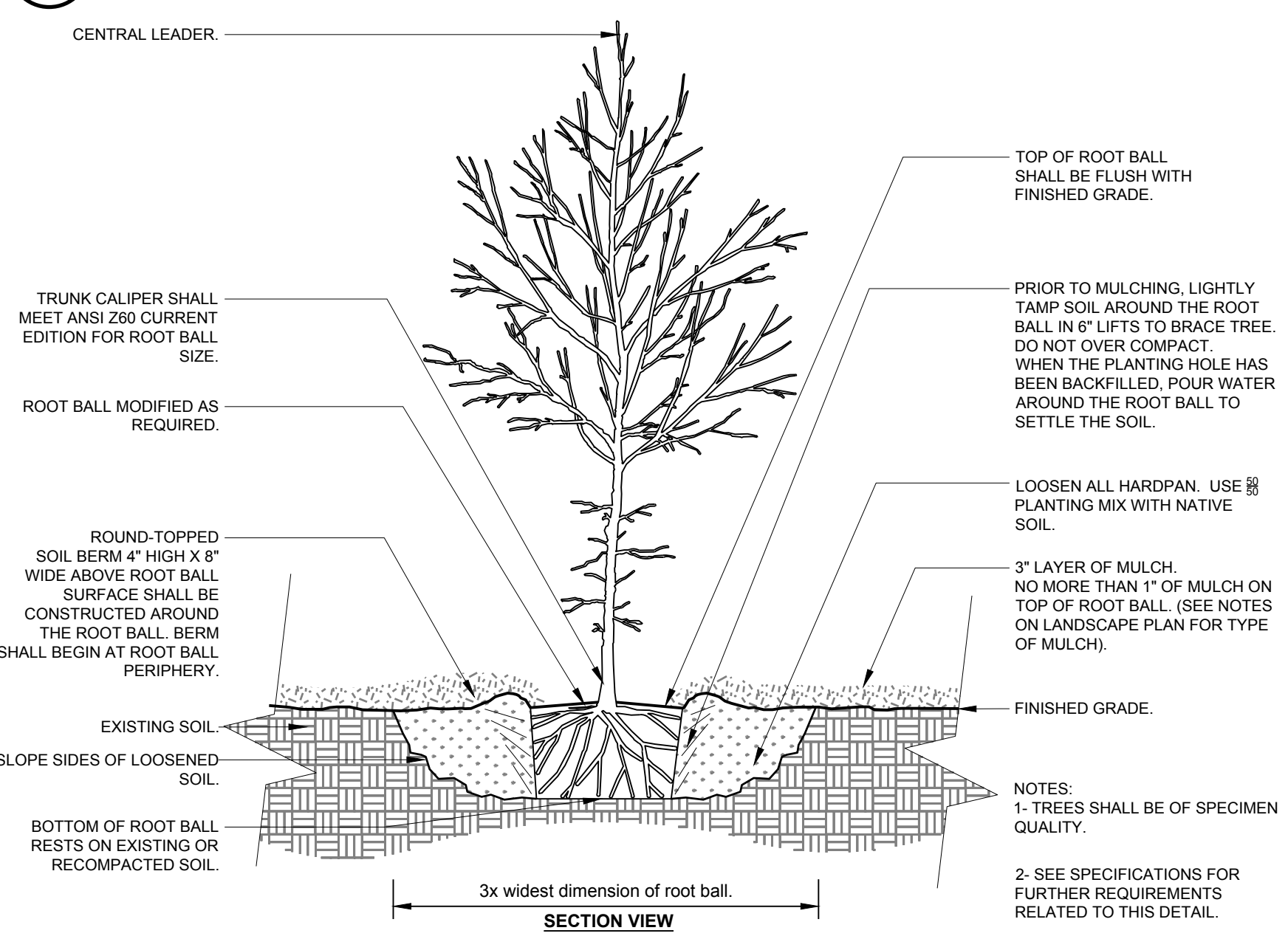
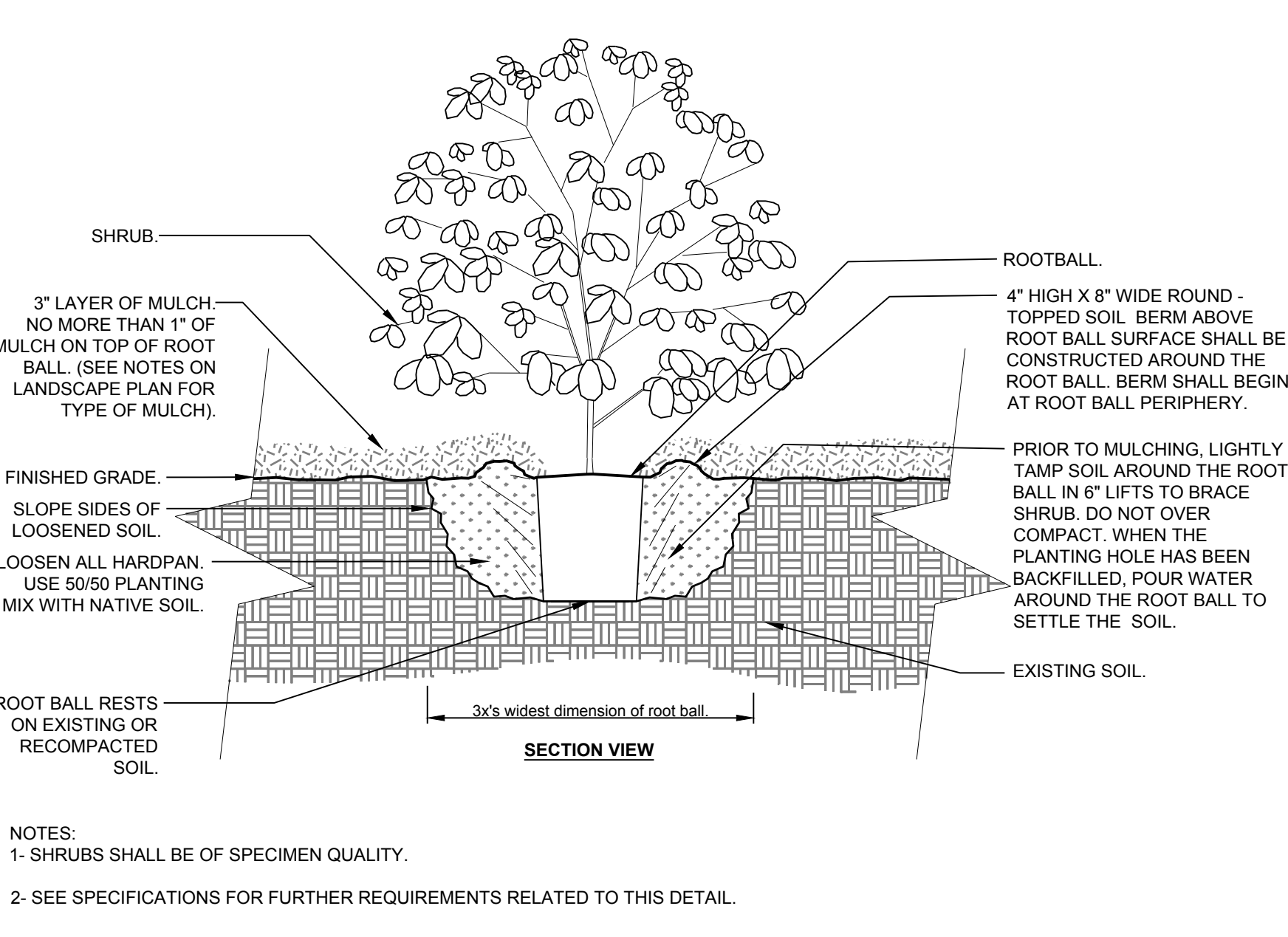
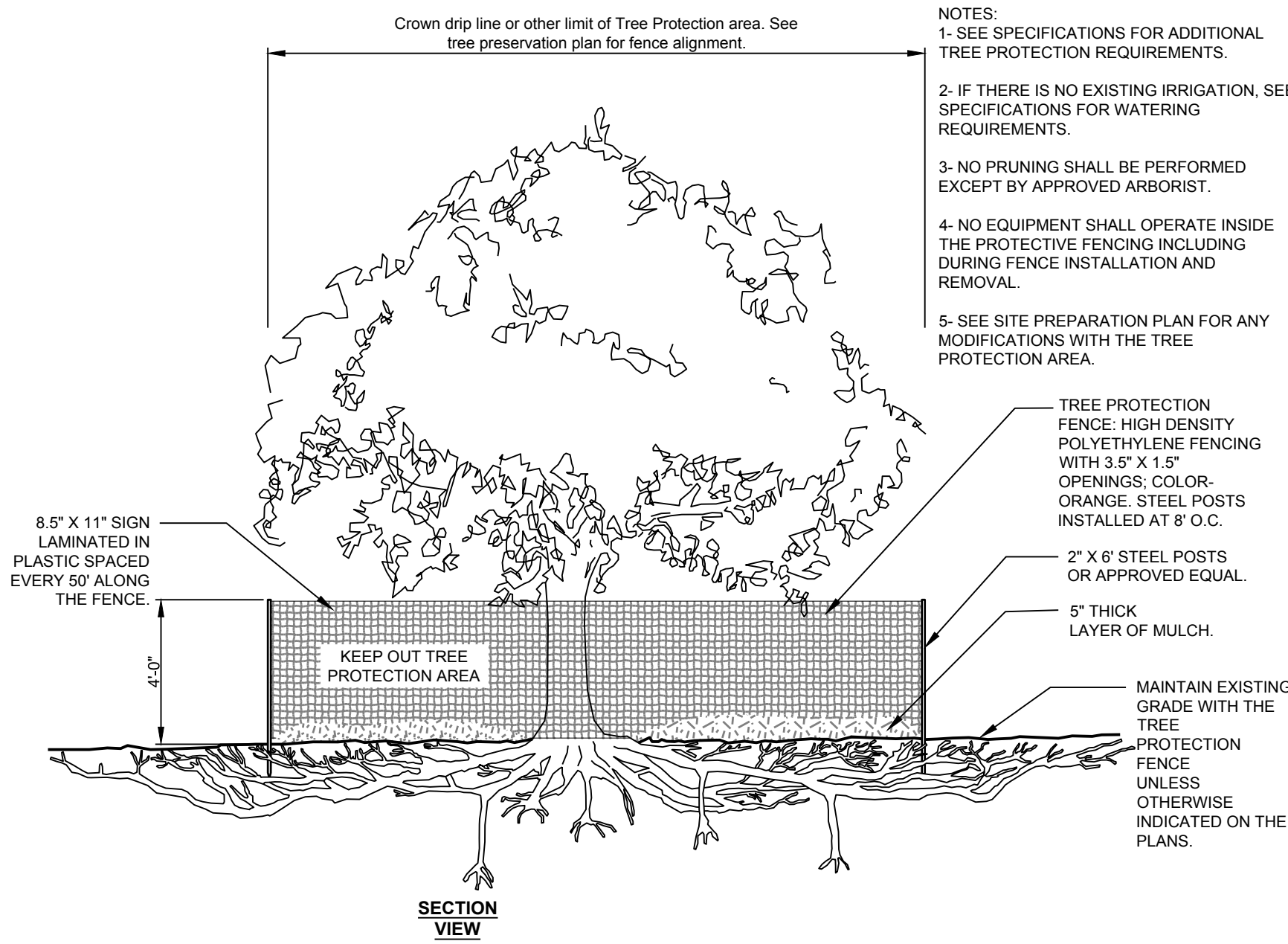
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 Print Record
 2019-01-14 SCHEMATIC DESIGN PACKAGE
 2019-02-04 BID PACKAGE
 2019-03-08 GRANT REVIEW DOCUMENTS

Revisions

No.	Date	Description

RELEASED FOR CONSTRUCTION
 DATE
 PROJECT NUMBER
 SHEET TITLE
LANDSCAPE PLAN
 SHEET NUMBER
L-1



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RELEASED FOR CONSTRUCTION

DATE
PROJECT NUMBER
SHEET TITLE
LANDSCAPE DETAILS
SHEET NUMBER
L-2