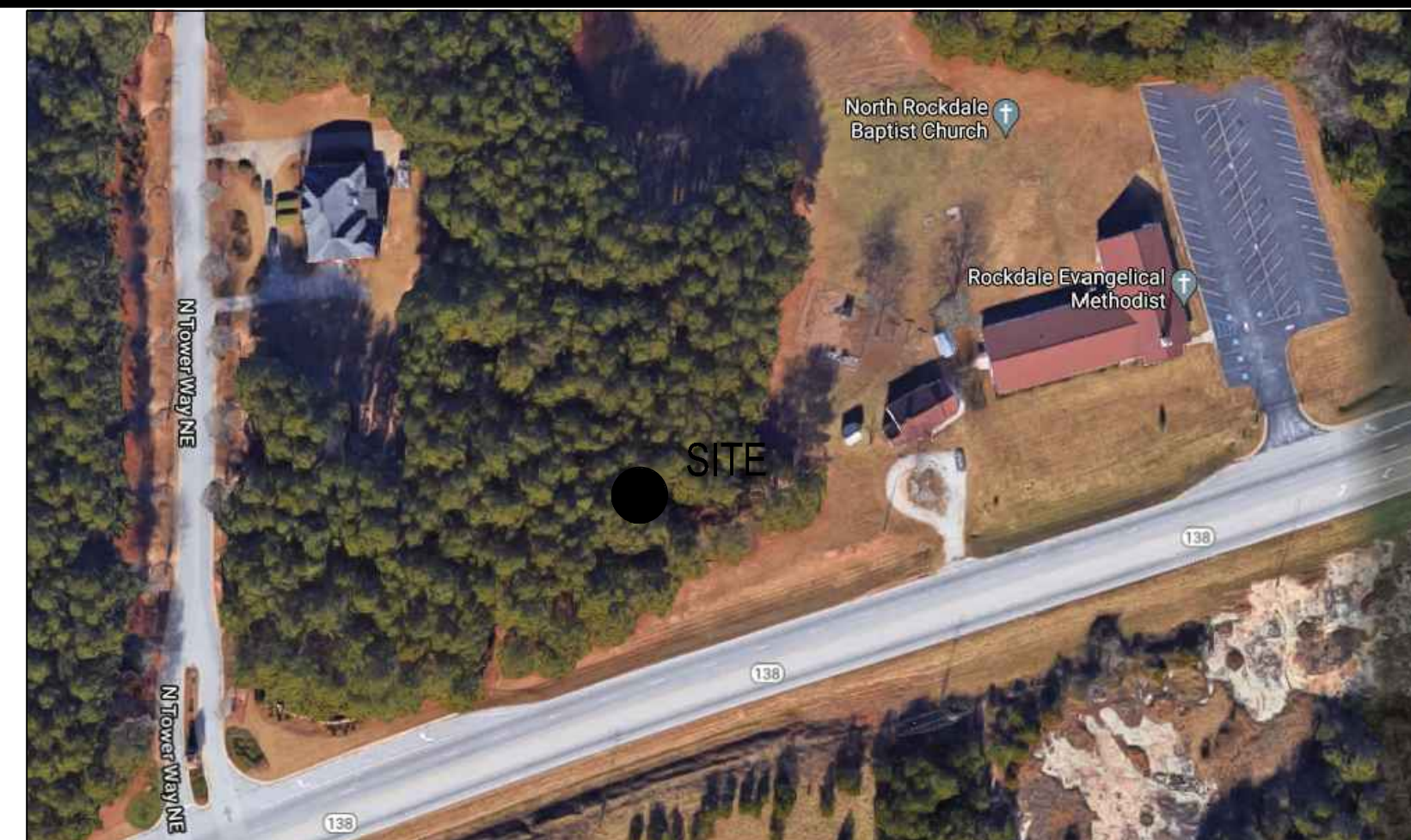


SITE DEVELOPMENT PLANS FOR ROCKDALE COUNTY FIRE STATION #10

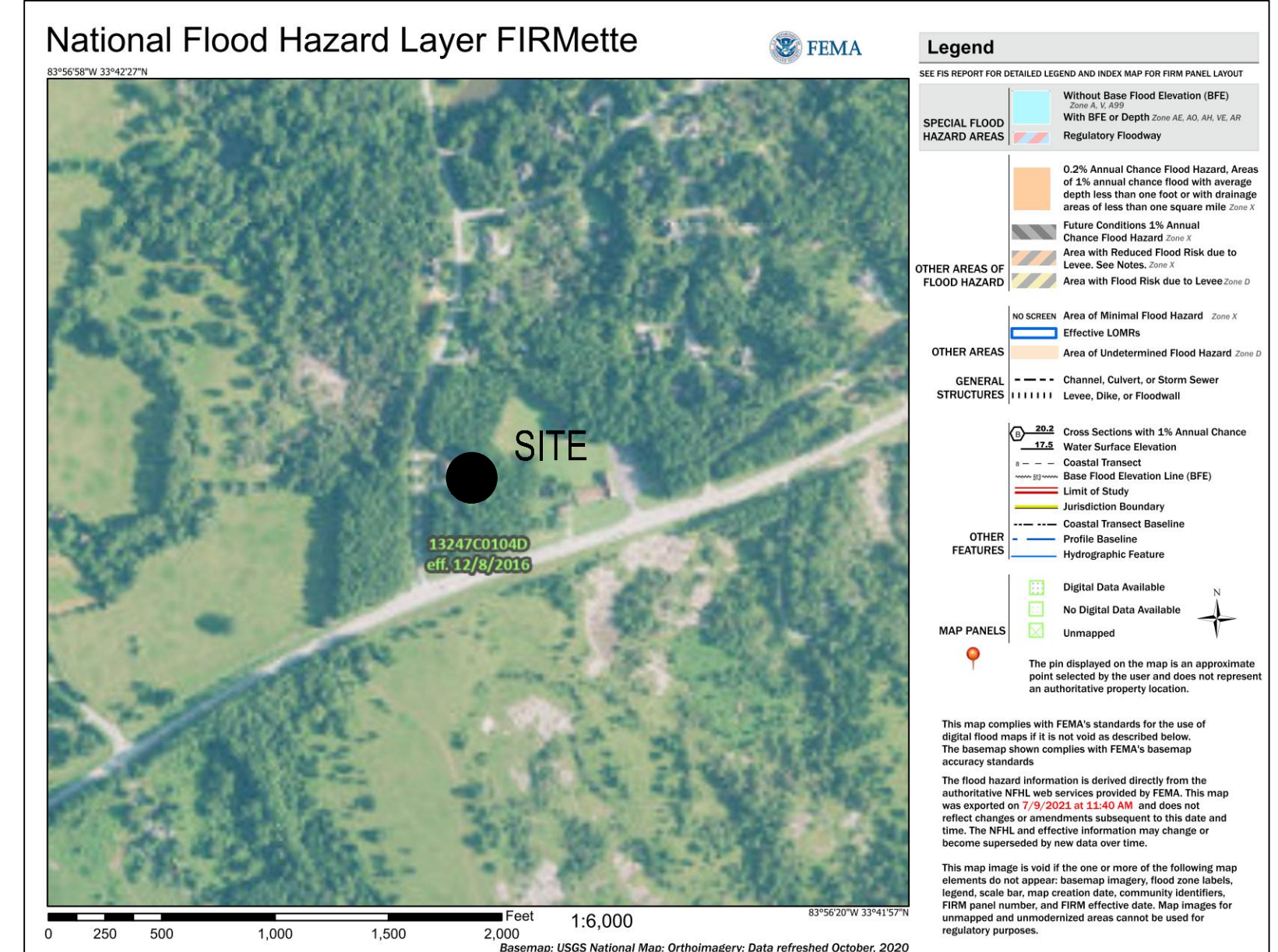
0860010027
3100 NE HIGHWAY 138
CONYERS, GA 30012
ZONING - WP-WATERSHED PROTECTION DISTRICT

S H E E T I N D E X

Sheet Number	Sheet Title
CV-1.0	COVER SHEET
C-1.1	GENERAL NOTES
C-2.0	DEMOLITION AND REMOVAL PLAN
C-2.1	LAYOUT & STAKING PLAN
C-3.1	GRADING PLAN
C-4.1	STORMWATER MANAGEMENT PLAN
C-4.2	STORMWATER MANAGEMENT SYSTEM PROFILES
C-4.3	STORMWATER MANAGEMENT DETAILS
C-4.4	STORMWATER MANAGEMENT DETAILS
C-4.5	STORMWATER MANAGEMENT DETAILS
C-5.0	UTILITY PLAN
C-5.1	SEPTIC SYSTEM SITE PLAN
C-6.1	EROSION, SEDIMENTATION, & POLLUTION CONTROL NOTES
C-6.2	EROSION, SEDIMENTATION, & POLLUTION CONTROL NOTES
C-6.3	PH I EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN
C-6.4	PH II EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN
C-6.5	PH III EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN
C-6.6	EROSION, SEDIMENTATION, & POLLUTION CONTROL DETAILS
C-6.7	EROSION, SEDIMENTATION, & POLLUTION CONTROL DETAILS
C-8.1	SITE WORK DETAILS
C-8.2	SITE WORK DETAILS

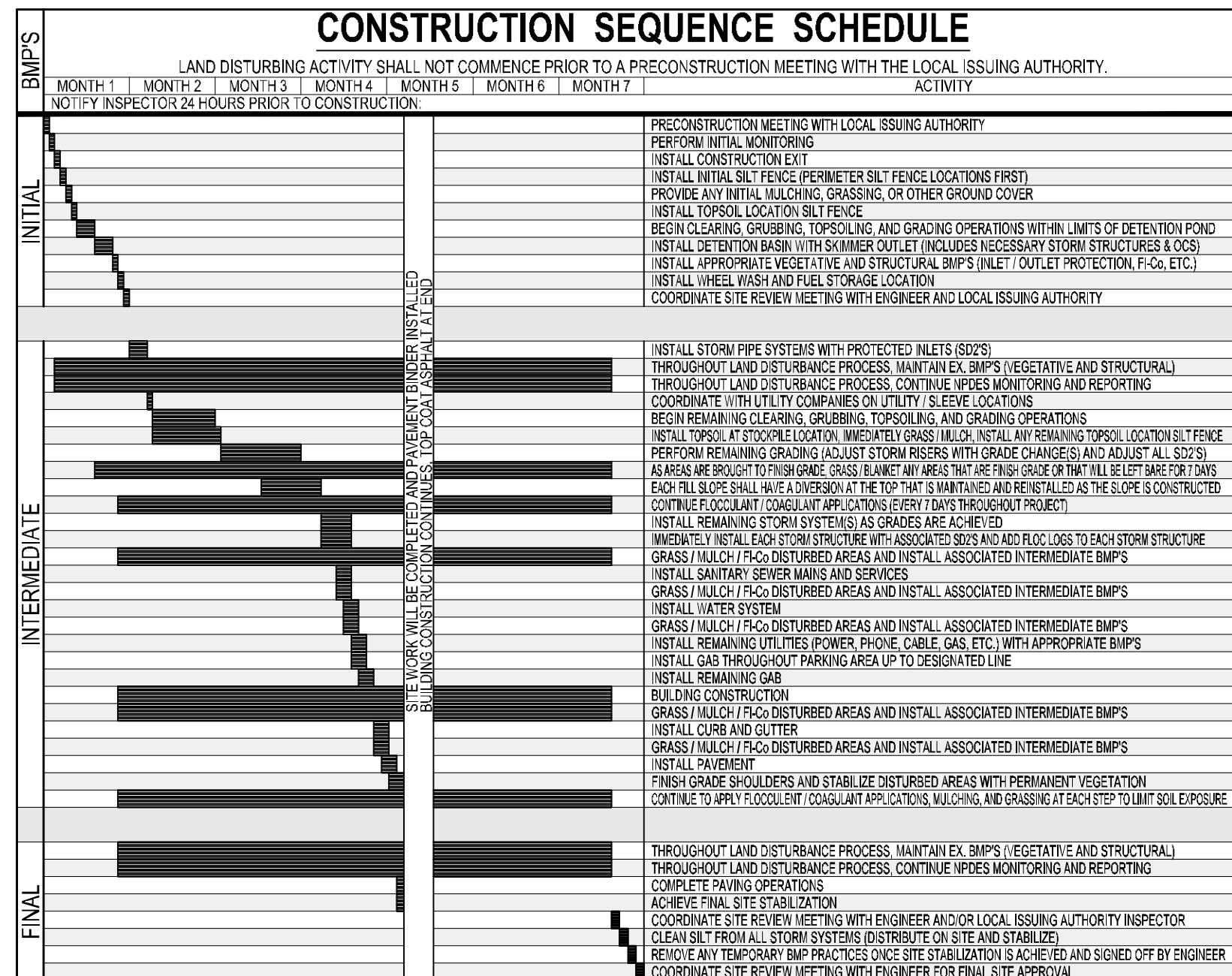


VICINITY MAP
NOT TO SCALE
GPS COORDINATES
N 33°42'10.31" W 83°56'36.39"
N 33.70286 W -83.94344



FLOOD MAP
NOT TO SCALE

STANDARD ABBREVIATIONS		LEGEND	
APPROX = APPROXIMATE	DIA = DIAMETER	GM = GAS METER	OH = OVERHEAD POWER
BULD = BUILDING	DS = DOWNSPOUT	GP = GUY POLE	PL = PLAT BOOK
BM = BENCH MARK	DWPC = DOUBLE WING CATCH BASIN	GV = GAS VALVE	PF = PILE
C&G = CURB AND GUTTER	ES&PC = EROSION, SEDIMENTATION AND POLLUTION CONTROL	HC = H/C PARKING	PL = PROPERTY LINE
CI = CURB INLET	FDC = FIRE DEPARTMENT CONNECTION	IMP = IMPERVIOUS	POB = POINT OF BEGINNING
CL = CHAIN LINK	FE = FRESH FLOOR ELEVATION	INF = INVERT ELEVATION	PI = POINT OF INTERSECTION
CO = CORRUGATED METAL PIPE	FE = FRESH FLOOR ELEVATION	INF = INVERT ELEVATION	PVC = POLY(VINYL CHLORIDE) PIPE
CS = CLEANOUT	FE = FRESH FLOOR ELEVATION	INF = INVERT ELEVATION	REB = REBAR
COP = CORRUGATED PLASTIC PIPE	FE = FRESH FLOOR ELEVATION	INF = INVERT ELEVATION	RCP = REINFORCED CONCRETE PIPE
CP = CAMP TOP FOUND	FE = FRESH FLOOR ELEVATION	INF = INVERT ELEVATION	RH = RIGHT OF WAY
DB = DEED BOOK	GI = GATE	NTS = NOT TO SCALE	SM = STORM MANHOLE



ROCKDALE FIRE DEPARTMENT NOTES:

WATER SUPPLY FOR FIRE PROTECTION SHALL BE INSTALLED AND MADE SERVICEABLE PRIOR TO AND DURING CONSTRUCTION.

APPROVED DOCUMENTATION OF A WATER SUPPLY TEST SHALL BE PROVIDED TO THE FIRE CODE OFFICIAL PRIOR TO FINAL APPROVAL OF THE WATER SUPPLY SYSTEM.

ROCKDALE DOT NOTES:

STORE ALL CONSTRUCTION EQUIPMENT AND MATERIALS AWAY FROM THE ROW.

MAINTAIN LINE OF SIGHT (LOS) DURING ALL CONSTRUCTION ACTIVITIES - DO NOT BLOCK WITH MATERIALS, EQUIPMENT, ETC.

COORDINATE MATERIAL AND EQUIPMENT DELIVERIES TO MINIMIZE TRAFFIC IMPACTS TO THE CHURCH AND HIGHWAY 138

SITE INFORMATION	
THE TOTAL 4.10 ACRES OF EXISTING UNDEVELOPED GRASSED AND WOODED PROPERTY WILL BE DEVELOPED FOR A NEW ROCKDALE COUNTY FIRE STATION.	
ZONING - (AS PER ROCKDALE COUNTY ZONING)	WP-WATERSHED PROTECTION DISTRICT
PROPERTY AREA	4.10 ACRES
DISTURBED AREA	2.1 AC
MINIMUM LOT SIZE	2 AC
MINIMUM LOT WIDTH	150'
MINIMUM FRONT SETBACK	35'
MINIMUM SIDE SETBACK	30'
MINIMUM REAR SETBACK	60'
MINIMUM OPEN SPACE	6%
MAXIMUM IMPERVIOUS %	10% PER TABLE 1 IN SEC. 214-1 OF EXISTING IMPERVIOUS % PLUS 5% PROPOSED IMPERVIOUS

MISCELLANEOUS INFORMATION	
SIGNAGE	SIGNAGE SHALL BE HANDLED UNDER A SEPARATE PERMIT
SITE LIGHTING	SITE LIGHTING IS NOT A PART OF THE CIVIL PLANS (SITE WORK CONSTRUCTION DRAWINGS). SIGN LIGHTING PROVIDED BY OTHERS UNDER SEPARATE COVER
SOIL SERIES	P&B - PACOULET SANDY LOAM - 2 TO 8% SLOPES P&C - PACOULET SANDY LOAM - 6 TO 10% SLOPES
FLOOD PLAIN	THERE IS NO FLOODPLAIN ON THIS PROPERTY AS PER FIRM PANEL 1304004D DATED 12/20/09. NO WORK IS BEING DONE WITHIN A FLOODPLAIN. THE PROPERTY SHOWN HEREON IS WITHIN ZONE X AND IS NOT WITHIN A SPECIAL FLOOD HAZARD AREA.
STATE WATERS	THERE ARE NO STATE WATERS PRESENT ON THIS SITE. THERE ARE NO STATE WATERS PRESENT WITHIN 200' OF THIS SITE. THERE ARE NO STATE WATERS PRESENT ON THIS PROPERTY.
HYDROLOGY	STORMWATER MANAGEMENT IS PROVIDED ON-SITE WITH A PROPOSED DRY DETENTION BASIN TO REDUCE THE POST DEVELOPMENT PEAK FLOW RATES TO LESS THAN PRE-DEVELOPMENT PEAK FLOW RATES THROUGH 100-YEAR STORM EVENTS. A HYDRODYNAMIC SEPARATOR IS PROPOSED TO PROTECT THE BEST WATER QUALITY TREATMENT FOR THE IMPERVIOUS AREAS.
WETLAND	THERE ARE NO WETLANDS BEING DISTURBED ON THIS SITE. THE DESIGN PROFESSIONAL, WHOSE SEAL APPEARS HEREON, CERTIFIES THE FOLLOWING: (1) THE NATIONAL WETLANDS INVENTORY MAPS HAVE BEEN CONSULTED AND (2) THE APPROPRIATE PLAN SHEET DOES NOT SHOW WETLANDS AS SHOWN ON THE MAP AND (3) WETLANDS ARE INDICATED. THE LAND OWNER OR DEVELOPER HAS BEEN ADVISED THAT LAND DISTURBANCE OF PROTECTED WETLANDS SHALL NOT OCCUR UNLESS APPROPRIATE FEDERAL WETLANDS ALTERATION (SECTION 404) PERMIT HAS BEEN OBTAINED. IF WETLANDS ARE IMPACTED BY THIS DEVELOPMENT, A CORPUS OF ENGINEERS PERMIT SHALL BE OBTAINED PRIOR TO DISTURBANCE. ONCE OBTAINED, A COPY OF THE PERMIT SHALL BE KEPT ON-SITE AT ALL TIMES. THE WORKS OF ENGINEERS APPROVAL, A SEPARATE COPY OF THE PERMIT SHALL BE SUBMITTED TO THE LJA.

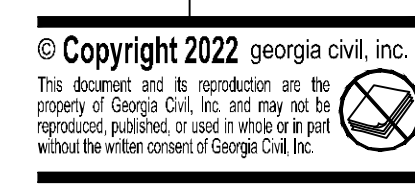
DEVELOPER	
COMPANY: ROCKDALE COUNTY BOC ADDRESS: P.O. BOX 289 CONYERS, GA 30012 PHONE: 770-278-7268 FAX: XXXXXXXX CONTACT: ANDREW HAMMER EMAIL: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV	
JASON P. BROWN LEVEL II CERTIFIED DESIGN PROFESSIONAL #53274 - EXP. 05.01.2023	
24-HOUR CONTACT ANDREW HAMMER 770-278-7268	
CONTRACTOR	
COMPANY: TBD ADDRESS: - PHONE: - EMAIL: -	
SURVEYOR	
COMPANY: PATRICK & ASSOCIATES, INC. ADDRESS: 928 BLACK LAMIN RD CONYERS, GA 30094 PHONE: 770-483-9745 CONTACT: JAMES S. HULL, JR.	
SITE DESIGNER	
COMPANY: GEORGIA CIVIL, INC. ADDRESS: P.O. BOX 896 MADISON, GA 30650 PHONE: 706.342.1104	



Project Information

ROCKDALE COUNTY FIRE STATION #10
3100 NE HIGHWAY 138
CONYERS, GA 30012
ZONING: WP-WATERSHED PROTECTION DISTRICT

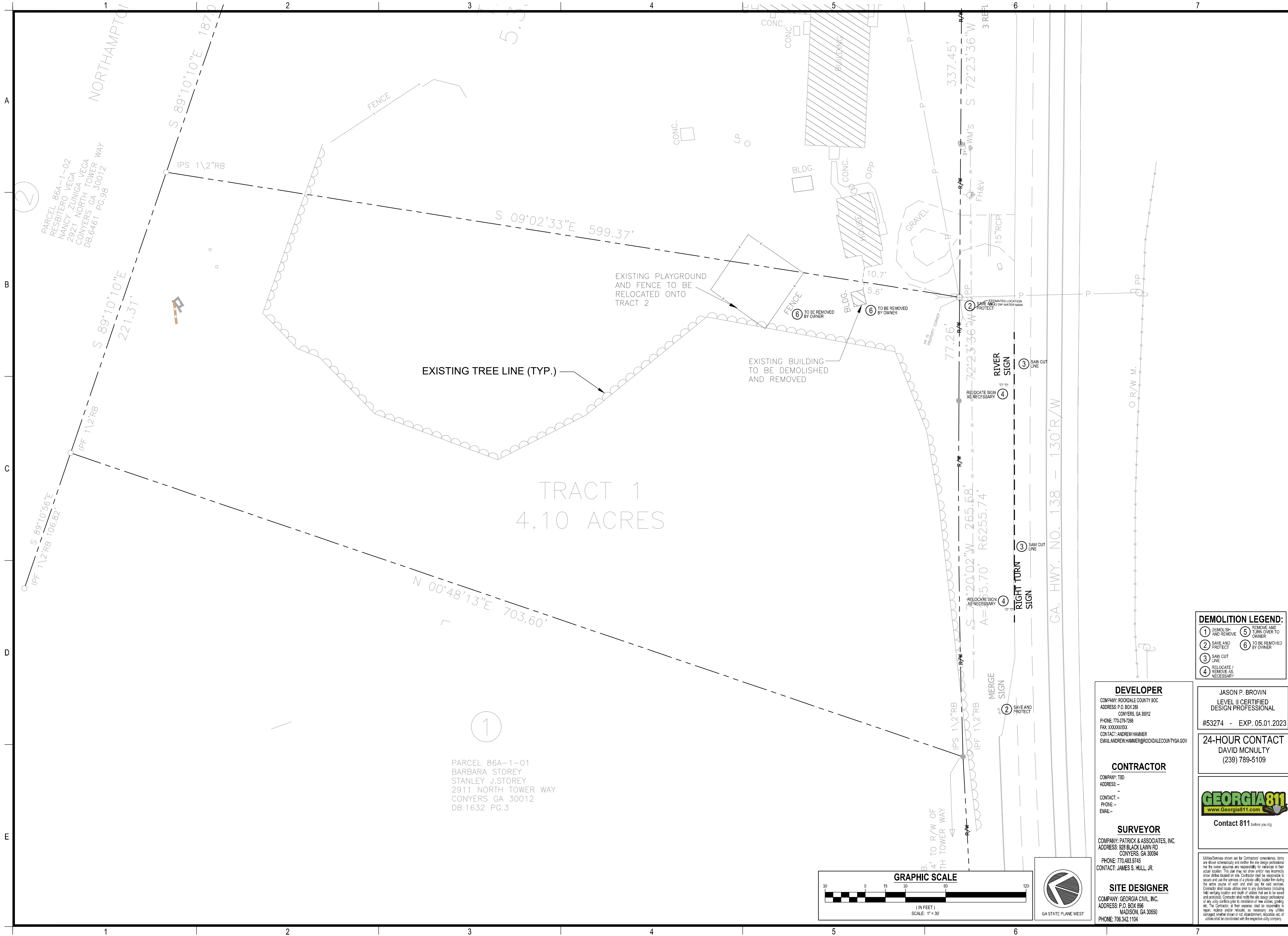
DRAWING	
DATE:	07.19.22
DRAWN BY:	MSF
CHECKED BY:	JPB
REVISIONS	
DATE:	DESCRIPTION:
10.21.22	COUNTY COMMENTS



Copyright 2022 georgia civil, inc.
This document and its reproduction are the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.

Sheet Title
COVER SHEET

Sheet Number
CV-1.0



PARCEL 86A-1-02
RESBITERO VEGA
NANCY ZUNIGA VEGA
2921 NORTH TOWER WAY
CONYERS GA 30012
DB.6461 PG.98

IPF 1 1/2" RB
S 89°10'10"E 221.37'

IPF 1 1/2" RB
S 89°10'56"E 106.82'

IPF 1 1/2" RB
S 89°10'10"E 187.0'

IPF 1 1/2" RB
S 89°10'10"E 187.0'

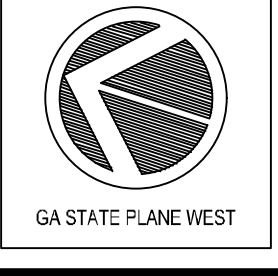
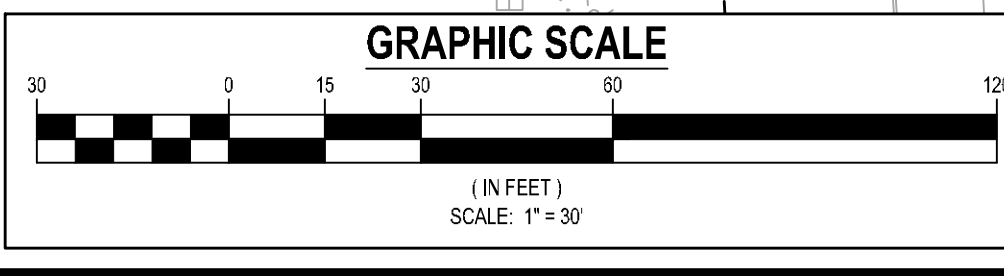
FENCE
CONC.
LP
BLDG.
HOUSE
CONC.
OPP
GRAVEL
15" RCP
ESTIMATED LOCATION
OF 22" DIP WATER MAIN
PROJECT

EXISTING PLAYGROUND
AND FENCE TO BE
RELOCATED ONTO
TRACT 2
EXISTING TREE LINE (TYP.)
EXISTING BUILDING
TO BE DEMOLISHED
AND REMOVED
TO BE REMOVED
BY OWNER
TO BE REMOVED
BY OWNER

TRACT 1
4.10 ACRES
N 00°48'13"E 703.60'

RELOCATE SIGN
AS NECESSARY
RIVER SIGN
SAW CUT
LINE
RIGHT TURN
SIGN
SAW CUT
LINE
MERGE
SIGN
SAVE AND
PROTECT

IPF 1 1/2" RB
IPF 1 1/2" RB
4' TO R/W OF
TOWER WAY
PARCEL 86A-1-01
BARBARA STOREY
STANLEY J. STOREY
2911 NORTH TOWER WAY
CONYERS GA 30012
DB.1632 PG.3



DEMOLITION LEGEND:

1 DEMOLISH AND REMOVE	5 REMOVE AND TURN OVER TO OWNER
2 SAVE AND PROTECT	6 TO BE REMOVED BY OWNER
3 SAW CUT LINE	
4 RELOCATE/REMOVE AS NECESSARY	

DEVELOPER
COMPANY: ROCKDALE COUNTY SOC
ADDRESS: P.O. BOX 289
CONYERS, GA 30012
PHONE: 770-278-7289
FAX: XXXXXXXX
CONTACT: ANDREW HAMMER
EMAIL: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV

JASON P. BROWN
LEVEL II CERTIFIED
DESIGN PROFESSIONAL
#53274 - EXP. 05.01.2023

24-HOUR CONTACT
DAVID MCNUITY
(239) 789-5109

CONTRACTOR
COMPANY: TSD
ADDRESS: -
CONTACT: -
PHONE: -
EMAIL: -

SURVEYOR
COMPANY: PATRICK & ASSOCIATES, INC.
ADDRESS: 828 BLACK LAWN RD
CONYERS, GA 30094
PHONE: 770-483-9745
CONTACT: JAMES S. HULL, JR.

SITE DESIGNER
COMPANY: GEORGIA CIVIL, INC.
ADDRESS: P.O. BOX 896
MADISON, GA 30650
PHONE: 706.342.1104



Contact 811 before you dig

Utilities/Services shown are for Contractors convenience. Items are shown schematically and neither the site design professional nor the contractor are responsible for variations in their actual location. This plan may not show and/or may incorrectly show utilities located on site. Contractor shall be responsible to secure and use the services of a private utility locator firm during the entire course of work and shall pay for said services. Contractor shall locate utilities prior to any excavation (including field) verifying location and depth of utilities that are to be saved and protected. Contractor shall verify the site design professional of any utility conflicts prior to installation of new utilities, grading, etc. The Contractor at their expense, shall be responsible for repair, replace and/or relocate, as necessary, any utilities damaged, whether shown or not. Agreement, relocation, etc. of utilities shall be coordinated with the respective utility company.

georgia civil
CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
LAND SURVEYING
311 N. Main St., Ste. 101, Unit C
P.O. Box 896 | Madison, GA 30650
P: 706.342.1104 | F: 706.342.1105
www.georgiacivil.com



Project Information

ROCKDALE COUNTY FIRE STATION #10
3100 NE HIGHWAY 138
CONYERS, GA 30012
ZONING: WP-WATERSHED PROTECTION DISTRICT

DRAWING DATE:	07.19.22
DRAWN BY:	MSF
CHECKED BY:	JPB
REVISIONS	
DATE:	DESCRIPTION:
10.21.22	COUNTY COMMENTS

© Copyright 2022 georgia civil, inc.
This document and its reproduction are the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.

DEMOLITION AND
REMOVAL PLAN

Sheet Number
C-2.0

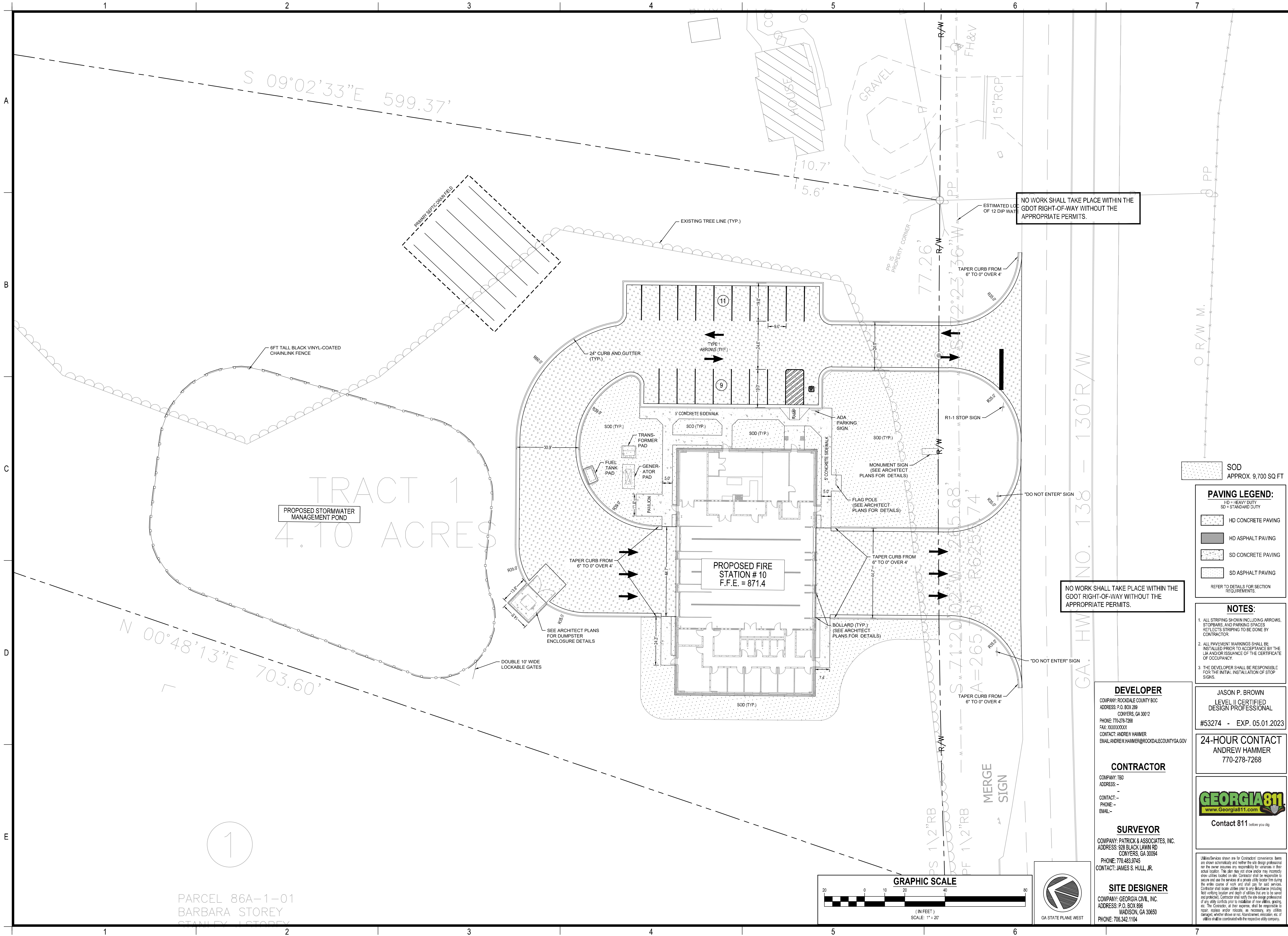


Project Information

ROCKDALE COUNTY FIRE STATION #10
 3100 NE HIGHWAY 138
 CONYERS, GA 30012
 ZONING: WP-WATERSHED PROTECTION DISTRICT

DRAWING DATE:	07.19.22
DRAWN BY:	MSF
CHECKED BY:	JPB
REVISIONS	
DATE:	DESCRIPTION:
10.21.22	COUNTY COMMENTS

© Copyright 2022 georgia civil, inc.
 This document and its reproduction are the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.



NO WORK SHALL TAKE PLACE WITHIN THE GDOT RIGHT-OF-WAY WITHOUT THE APPROPRIATE PERMITS.

NO WORK SHALL TAKE PLACE WITHIN THE GDOT RIGHT-OF-WAY WITHOUT THE APPROPRIATE PERMITS.

PAVING LEGEND:

- HD = HEAVY DUTY
- SD = STANDARD DUTY

- HD CONCRETE PAVING
- HD ASPHALT PAVING
- SD CONCRETE PAVING
- SD ASPHALT PAVING

REFER TO DETAILS FOR SECTION REQUIREMENTS.

- NOTES:**
- ALL STRIPING SHOWN INCLUDING ARROWS, STOPBARS, AND PARKING SPACES REFLECTS STRIPING TO BE DONE BY CONTRACTOR.
 - ALL PAVEMENT MARKINGS SHALL BE INSTALLED PRIOR TO ACCEPTANCE BY THE LIA AND/OR ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.
 - THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INITIAL INSTALLATION OF STOP SIGNS.

DEVELOPER
 COMPANY: ROCKDALE COUNTY SOC
 ADDRESS: P.O. BOX 289
 CONYERS, GA 30012
 PHONE: 770-278-7268
 FAX: XXXXXXXXXX
 CONTACT: ANDREW HAMMER
 EMAIL: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV

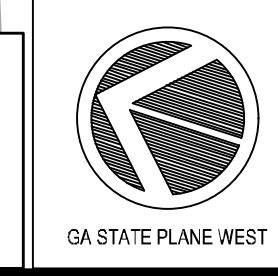
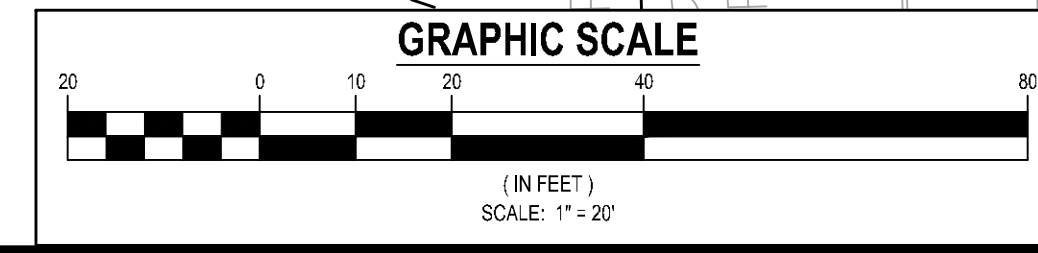
JASON P. BROWN
 LEVEL II CERTIFIED
 DESIGN PROFESSIONAL
 #53274 - EXP. 05.01.2023

24-HOUR CONTACT
 ANDREW HAMMER
 770-278-7268

CONTRACTOR
 COMPANY: TBD
 ADDRESS: -
 CONTACT: -
 PHONE: -
 EMAIL: -

SURVEYOR
 COMPANY: PATRICK & ASSOCIATES, INC.
 ADDRESS: 928 BLACK LAWN RD
 CONYERS, GA 30094
 PHONE: 770-483-9745
 CONTACT: JAMES S. HULL, JR.

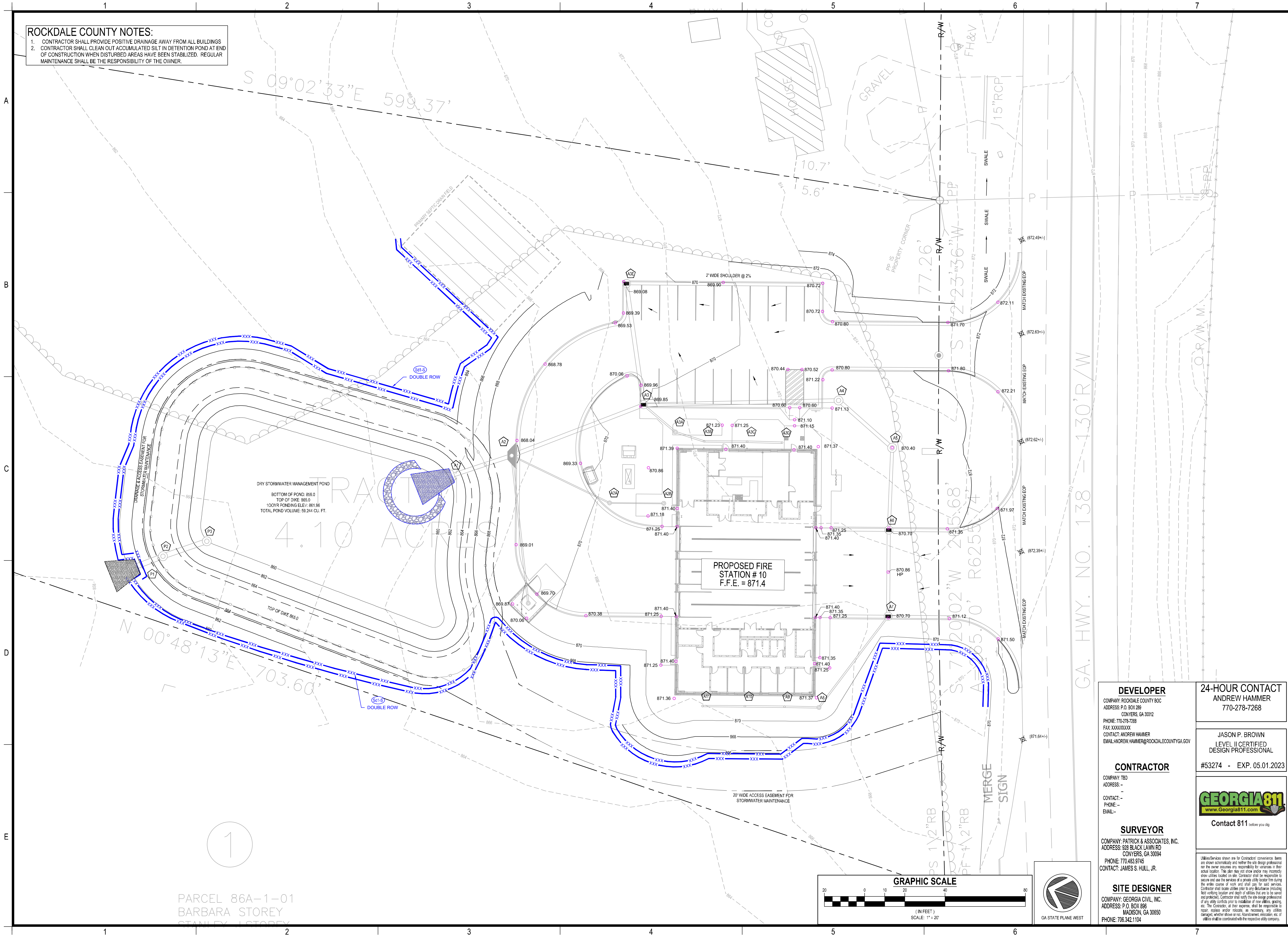
SITE DESIGNER
 COMPANY: GEORGIA CIVIL, INC.
 ADDRESS: P.O. BOX 896
 MADISON, GA 30650
 PHONE: 706.342.1104



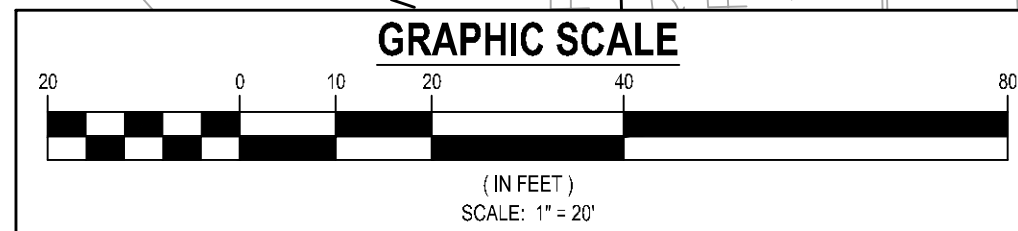
PARCEL 86A-1-01
 BARBARA STOREY
 STANLEY STOREY

1

ROCKDALE COUNTY NOTES:
 1. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS
 2. CONTRACTOR SHALL CLEAN OUT ACCUMULATED SILT IN DETENTION POND AT END OF CONSTRUCTION WHEN DISTURBED AREAS HAVE BEEN STABILIZED. REGULAR MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER.



PARCEL 86A-1-01
 BARBARA STOREY
 STANLEY STOREY



DEVELOPER
 COMPANY: ROCKDALE COUNTY BOC
 ADDRESS: P.O. BOX 289
 CONYERS, GA 30012
 PHONE: 770-278-7288
 FAX: XXXXXXXX
 CONTACT: ANDREW HAMMER
 EMAIL: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV

CONTRACTOR
 COMPANY: TBO
 ADDRESS: -
 CONTACT: -
 PHONE: -
 EMAIL: -

SURVEYOR
 COMPANY: PATRICK & ASSOCIATES, INC.
 ADDRESS: 928 BLACK LAWN RD
 CONYERS, GA 30094
 PHONE: 770-483-9745
 CONTACT: JAMES S. HULL, JR.

SITE DESIGNER
 COMPANY: GEORGIA CIVIL, INC.
 ADDRESS: P.O. BOX 896
 MADISON, GA 30650
 PHONE: 706.342.1104

24-HOUR CONTACT
 ANDREW HAMMER
 770-278-7268

JASON P. BROWN
 LEVEL II CERTIFIED
 DESIGN PROFESSIONAL
 #53274 - EXP. 05.01.2023



Unless Services shown are for Contractor's convenience, items are shown for informational purposes only and are not to be used for construction. Contractor shall verify the location and depth of all utilities shown on this plan before any excavation. Contractor shall be responsible for securing and using the services of a private utility locator firm during the entire course of work and shall pay for said services. Contractor shall be responsible for any damage to existing utilities. Contractor shall notify the design professional of any utility conflicts prior to installation of new utilities, grading, etc. The Contractor, at their expense, shall be responsible for repair, replace, and/or relocate, as necessary, any utilities damaged, whether shown or not. Abandonment, relocation, etc. of utilities shall be coordinated with the respective utility company.

georgia civil
 CIVIL ENGINEERING
 LANDSCAPE ARCHITECTURE
 LAND SURVEYING
 311 N. Main St., Ste. 101, Unit C
 P.O. Box 896 | Madison, GA 30650
 P: 706.342.1104 | F: 706.342.1105
 www.georgiacivil.com



Project Information

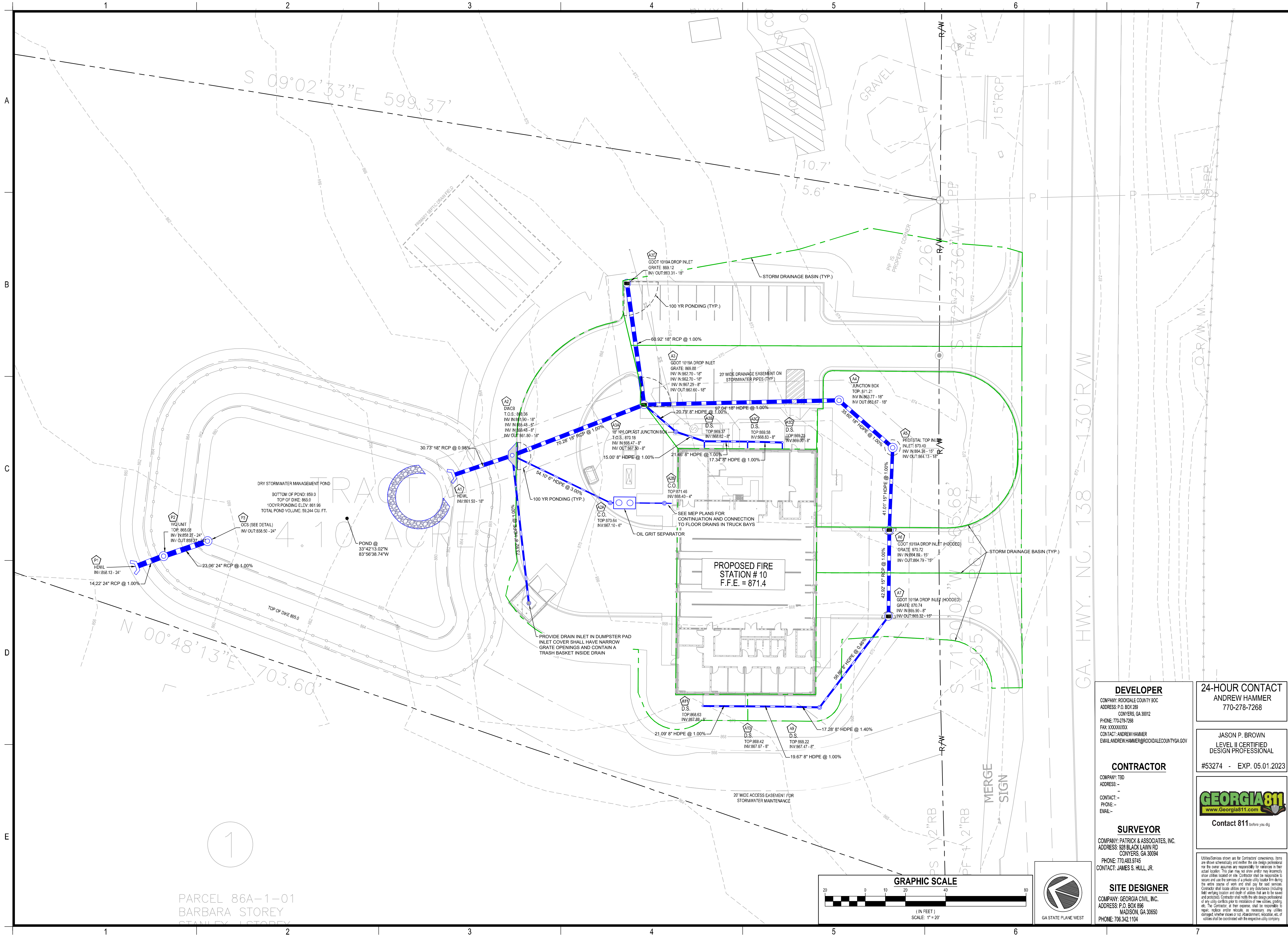
ROCKDALE COUNTY FIRE STATION #10
 3100 NE HIGHWAY 138
 CONYERS, GA 30012
 ZONING: WP-WATERSHED PROTECTION DISTRICT

DRAWING DATE:	07.19.22
DRAWN BY:	MSF
CHECKED BY:	JPB
REVISIONS	
DATE:	DESCRIPTION:
10.21.22	COUNTY COMMENTS

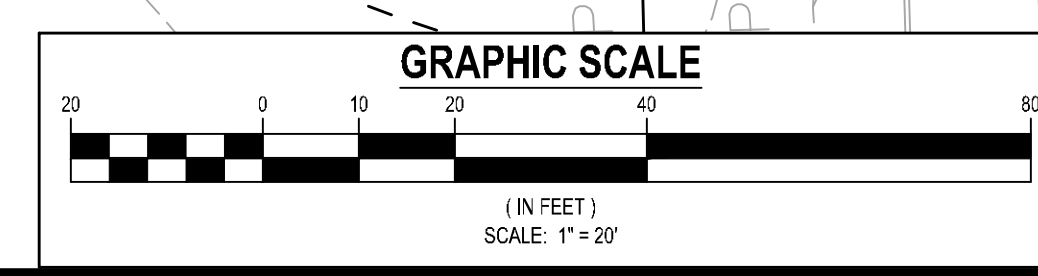
© Copyright 2022 georgia civil, inc.
 This document and its reproduction are the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.

Sheet Title
GRADING PLAN

Sheet Number
C-3.1



PARCEL 86A-1-01
BARBARA STOREY
STANLEY STOREY



DEVELOPER
COMPANY: ROCKDALE COUNTY SOC
ADDRESS: P.O. BOX 289
CONYERS, GA 30012
PHONE: 770-278-7268
FAX: XXXXXXXX
CONTACT: ANDREW HAMMER
EMAIL: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV

CONTRACTOR
COMPANY: TBD
ADDRESS: -
CONTACT: -
PHONE: -
EMAIL: -

SURVEYOR
COMPANY: PATRICK & ASSOCIATES, INC.
ADDRESS: 328 BLACK LAWN RD
CONYERS, GA 30094
PHONE: 770-483-9745
CONTACT: JAMES S. HULL, JR.

SITE DESIGNER
COMPANY: GEORGIA CIVIL, INC.
ADDRESS: P.O. BOX 896
MADISON, GA 30650
PHONE: 706.342.1104

24-HOUR CONTACT
ANDREW HAMMER
770-278-7268

JASON P. BROWN
LEVEL II CERTIFIED
DESIGN PROFESSIONAL
#53274 - EXP. 05.01.2023



Contact 811 before you dig

Utilities Services shown are for Contractor's convenience. Items are shown schematically and neither the site design professional nor the owner assumes any responsibility for variations in their actual location. This plan may not show and/or may incorrectly show utilities located on site. Contractor shall be responsible to secure and use the services of a photo utility locator firm during the entire course of work and shall pay for said services. Contractor shall locate utilities prior to any excavation (including field marking location and depth of utilities that are to be saved and protected). Contractor shall notify the site design professional of any utility conflicts prior to installation of new utilities, grading, etc. The Contractor, at their expense, shall be responsible for repair, replace and/or records, as necessary, any utilities damaged whether shown or not. Abandonment, relocation, etc. of utilities shall be coordinated with the respective utility company.

georgia civil
CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
LAND SURVEYING
311 N. Main St. Ste. 101, Unit C
P.O. Box 896 | Madison, GA 30650
P: 706.342.1104 | F: 706.342.1105
www.georgiacivil.com



Project Information

ROCKDALE COUNTY FIRE STATION #10
3100 NE HIGHWAY 138
CONYERS, GA 30012
ZONING: WP-WATERSHED PROTECTION DISTRICT

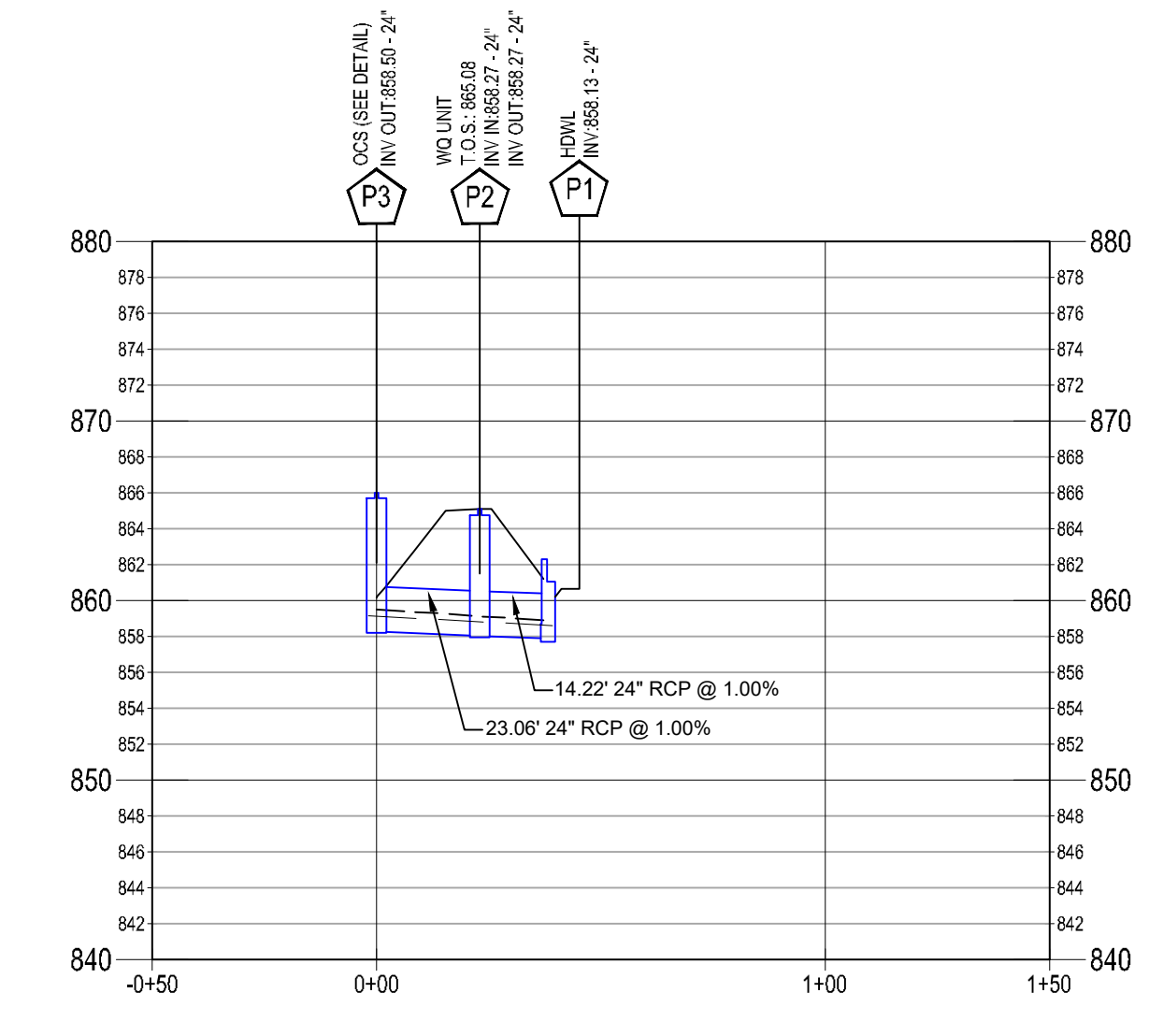
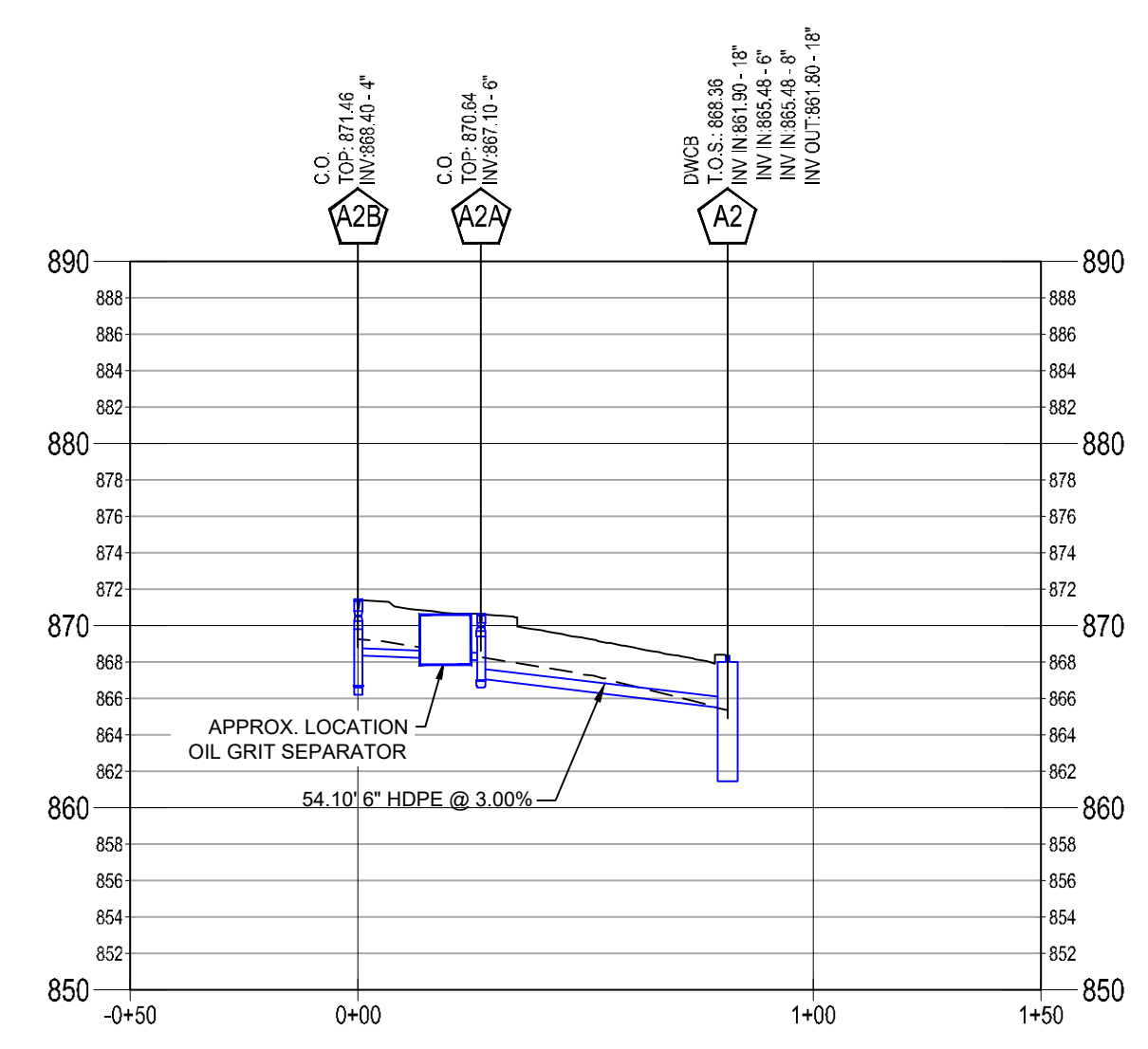
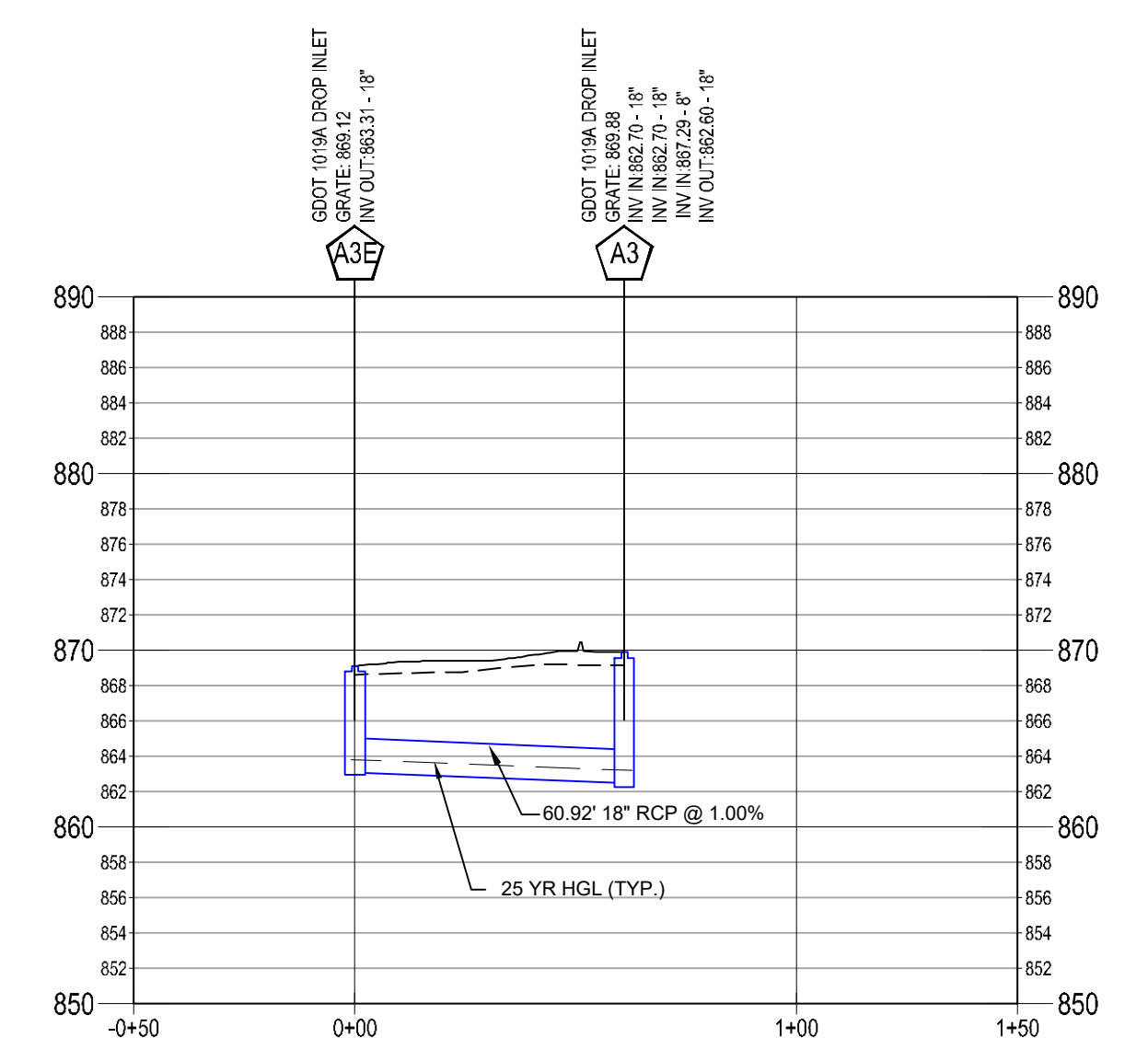
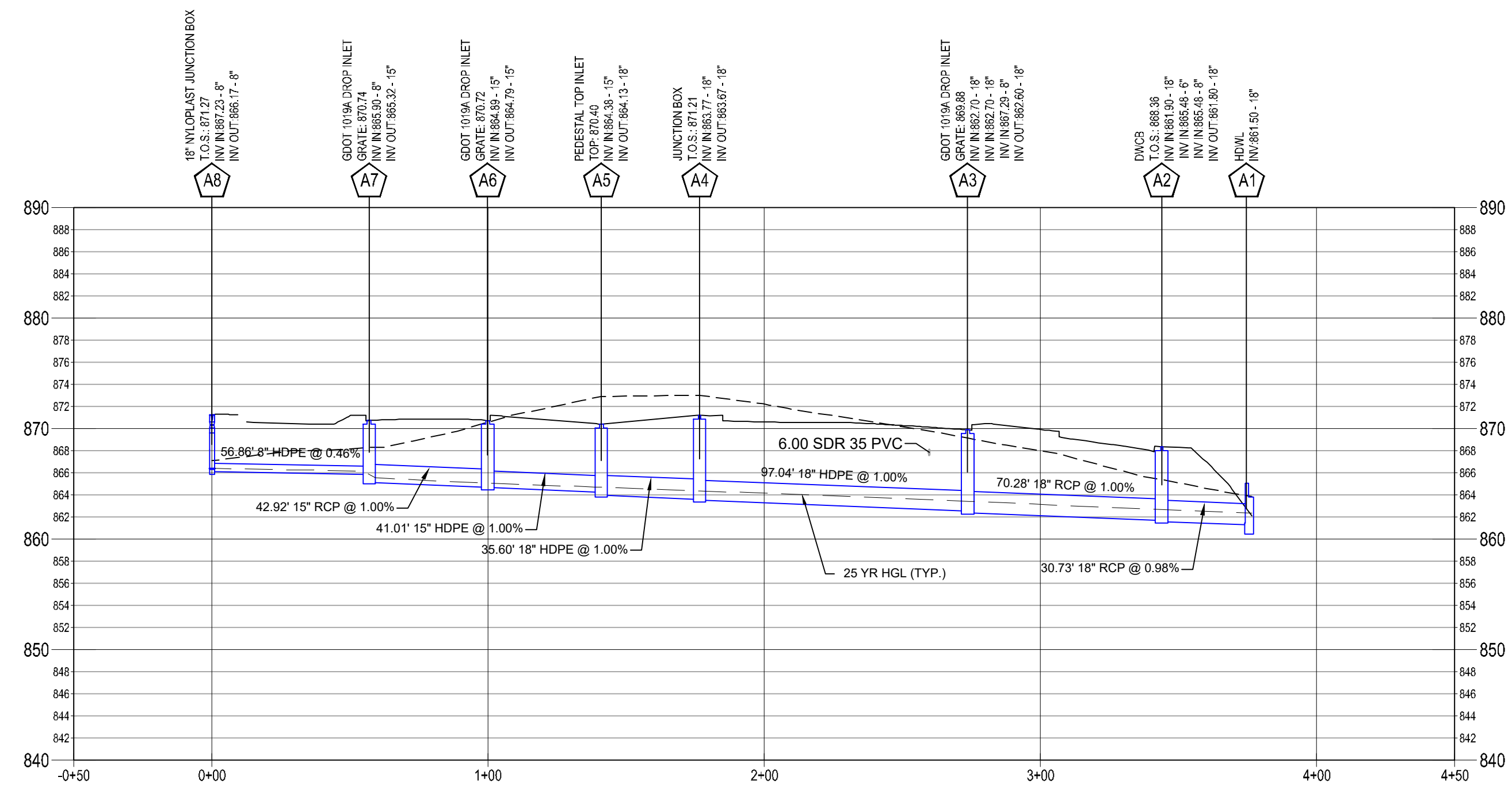
DRAWING DATE:	07.19.22
DRAWN BY:	MSF
CHECKED BY:	JPB
REVISIONS	
DATE:	DESCRIPTION:
10.21.22	COUNTY COMMENTS

© Copyright 2022 georgia civil, inc.
This document and its reproduction are the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.

Sheet Title
STORMWATER MANAGEMENT PLAN
Sheet Number
C-4.1



Project Information



STORM PIPE PROFILES
 SCALE: HORIZONTAL: 1"=40'
 VERTICAL: 1"=10'

LEGEND
 - - - - - EXISTING GRADE
 ——— PROPOSED GRADE

100 YR GUTTER SPREAD CHART

LineNo.	Inlet ID	Area (ac)	InletTime (min)	Int. (in/hr)	RunoffCoeff. (C)	Q=CIA (cfs)	InletDepth (ft)	GutterDepth (ft)	GutterSpread (ft)
1	A2	0.28	5	9.83	0.75	2.06	0.31	0.31	12.56
2	A3	0.14	5	9.83	0.88	1.21	0.13	0.13	14.56
3	A3a	0	5	0	0	0	0	0	0
4	A3b	0.03	5	9.83	0.95	0.28	0	0	0
5	A3c	0.03	5	9.83	0.95	0.28	0	0	0
6	A3d	0.03	5	9.83	0.95	0.28	0	0	0
7	A2A	0	5	0	0	0	0.2	0	0
8	A2B	0	5	0	0	0	0.2	0	0
9	A4	0	5	0	0	0	0	0	0
10	A5	0.17	5	9.83	0.39	0.65	0.13	0.13	3.45
11	A6	0.07	5	9.83	0.95	0.65	0.14	0.14	3.98
12	A7	0.12	5	9.83	0.6	0.71	0.14	0.14	4.22
13	A8	0	5	0	0	0	0	0	0
14	A9	0.03	5	9.83	0.95	0.28	0	0	0
15	A10	0.03	5	9.83	0.95	0.28	0	0	0
16	A11	0.03	5	9.83	0.95	0.28	0	0	0
17	A3e	0.16	5	9.83	0.77	1.21	0.15	0.15	16.92
18	P2	0	5	0	0	0	0	0	0
19	P3	0	5	0	0	0	0	0	0

25 YR STORM CHART

SOME PIPES HAVE A VELOCITY OF LESS THAN 2.5 FPS FOR THE 25 YR STORM

Line	ToLine	LineLength (ft)	Incr.Area (ac)	TotalArea (ac)	RunoffCoeff. (C)	Incr x A	Total C x A	InletTime (min)	TimeConc (min)	Rnfallint (in/hr)	TotalRunoff (cfs)	AdnlFlow (cfs)	TotalFlow (cfs)	CapacFull (cfs)	Veloc (ft/s)	PipeSize (in)	PipeSlope (%)	Inv ElevDn (ft)	Inv ElevUp (ft)	HGLDn (ft)	HGLUp (ft)	Grnd/RimDn (ft)	Grnd/RimUp (ft)	Line ID
1	Outfall	30.726	0.28	1.12	0.75	0.21	0.83	5	10.2	6.9	5.74	0	6.14	11.24	5.83	18	0.98	861.5	861.8	862.29	862.76	865.03	868.36	A2-A1
2	1	70.279	0.14	0.84	0.88	0.12	0.62	5	9.8	7	4.35	0	4.35	11.35	4.36	18	1	861.9	862.6	862.76	863.4	868.36	869.88	A3-A2
3	2	20.786	0	0.09	0	0	0.09	5	5.8	8	0.68	0	0.68	1.32	3.51	8	1.01	867.29	867.5	867.63	867.89	869.88	870.18	A3a-A3
4	3	14.999	0.03	0.09	0.95	0.03	0.09	5	5.7	8	0.69	0	0.69	1.31	3.51	8	1	868.47	868.62	868.81	869.01	870.18	869.37	A3b-A3a
5	4	21.462	0.03	0.06	0.95	0.03	0.06	5	5.4	8.1	0.46	0	0.46	1.29	2.5	8	0.98	868.62	868.83	869.01	869.15	869.37	869.58	A3c-A3b
6	5	17.342	0.03	0.03	0.95	0.03	0.03	5	5	8.2	0.24	0	0.24	1.3	1.86	8	0.98	868.83	869	869.15	869.22	869.58	869.75	A3d-A3c
7	1	54.097	0	0	0	0	0	5	5.2	0	0	0.2	0.4	1.05	3.99	6	2.99	865.48	867.1	865.69	867.42	868.36	870.64	A2a-A2
8	7	26.956	0	0	0	0	0	5	5	0	0	0.2	0.2	0.21	2.69	4	1	868.13	868.4	868.39	868.66	870.64	871.46	A2b-A2a
9	2	97.037	0	0.45	0	0	0.29	5	8.5	7.3	2.11	0	2.11	11.37	3.12	18	1	862.7	863.67	863.4	864.22	869.88	871.21	A4-A3
10	9	35.595	0.17	0.45	0.39	0.07	0.29	5	8.1	7.4	2.15	0	2.15	11.44	4.24	18	1.01	863.77	864.13	864.22	864.68	871.21	870.4	A5-A4
11	10	41.014	0.07	0.28	0.95	0.07	0.22	5	7.4	7.6	1.69	0	1.69	11.37	3.58	18	1	864.23	864.64	864.68	865.13	870.4	870.72	A6-A5
12	11	42.917	0.12	0.21	0.6	0.07	0.16	5	6.4	7.8	1.23	0	1.23	11.39	3.24	18	1	864.74	865.17	865.13	865.59	870.72	870.74	A7-A6
13	12	56.859	0	0.09	0	0	0.09	5	5.9	8	0.68	0	0.68	0.9	2.84	8	0.47	865.9	866.17	866.33	866.6	870.74	871.27	A8-A7
14	13	17.278	0.03	0.09	0.95	0.03	0.09	5	5.8	8	0.69	0	0.69	1.54	3.76	8	1.39	867.23	867.47	867.54	867.86	871.27	868.22	A9-A8
15	14	19.674	0.03	0.06	0.95	0.03	0.06	5	5.5	8.1	0.46	0	0.46	1.32	2.49	8	1.02	867.47	867.67	867.86	867.99	868.22	868.42	A10-A9
16	15	21.09	0.03	0.03	0.95	0.03	0.03	5	5	8.2	0.24	0	0.24	1.31	1.86	8	1	867.67	867.88	867.99	868.1	868.42	868.63	A11-A10
17	2	60.916	0.16	0.16	0.77	0.12	0.12	5	5	8.2	1.02	0	1.02	11.38	2.09	18	1	862.7	863.31	863.4	863.69	869.88	869.12	A3e-A3
18	Outfall	14.221	0	0	0	0	0	5	7	0	0	0	0.6	24.31	2.84	24	0.98	858.13	858.27	858.35	858.54	862.29	865.08	P2-P1 (1)
19	18	23.062	0	0	0	0	0	5	5	0	0	0.6	0.6	24.47	2.42	24	1	858.27	858.5	858.54	858.77	865.08	866	P2-P1

DEVELOPER
 COMPANY: ROCKDALE COUNTY SOC
 ADDRESS: P.O. BOX 289
 CONYERS, GA 30012
 PHONE: 770-278-7268
 FAX: XXXXXXXX
 CONTACT: ANDREW HAMMER
 EMAIL: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV

CONTRACTOR
 COMPANY: TSD
 ADDRESS: -
 CONTACT: -
 PHONE: -
 EMAIL: -

SURVEYOR
 COMPANY: PATRICK & ASSOCIATES, INC.
 ADDRESS: 328 BLACK LAMIN RD
 CONYERS, GA 30094
 PHONE: 770-483-9745
 CONTACT: JAMES S. HULL, JR.

SITE DESIGNER
 COMPANY: GEORGIA CIVIL, INC.
 ADDRESS: P.O. BOX 896
 MADISON, GA 30650
 PHONE: 706.342.1104

24-HOUR CONTACT
 ANDREW HAMMER
 770-278-7268

JASON P. BROWN
 LEVEL II CERTIFIED
 DESIGN PROFESSIONAL
 #53274 - EXP. 05.01.2023

Contact 811 before you dig

DRAWING DATE: 07.19.22
 DRAWN BY: MSF
 CHECKED BY: JPB

REVISIONS
 DATE: DESCRIPTION:
 10.21.22 COUNTY COMMENTS

© Copyright 2022 georgia civil, inc.
 This document and its reproduction are the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
STANDARD DROP INLETS
(BUILT-IN-PLACE)
REV. & REDR. AUG. 1999
SCALE AS SHOWN
REV. & REDR. AUG. 1999
NUMBER 1019A

D	TYPE 'A' OR 'B'			TYPE 'C' OR 'D'			TYPE 'E' OR 'F'		
	MIN.	MAX.	INCL.	MIN.	MAX.	INCL.	MIN.	MAX.	INCL.
18"	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00
24"	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00
30"	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00
36"	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00
42"	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00
48"	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00
54"	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00
60"	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00	2'-0"	2'-0"	0.00

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
STANDARD PIPE CULVERT CONCRETE HEADWALL
REV. & REDR. AUG. 1999
SCALE AS SHOWN
REV. & REDR. AUG. 1999
NUMBER 1001-B

D	ONE ENDWALL WITH 45° WING WALLS			ONE ENDWALL WITH 45° WING WALLS		
	AREA	PERIMETER	QUANTITIES	AREA	PERIMETER	QUANTITIES
18"	1.8	17.0	1.8	1.8	17.0	1.8
24"	2.4	22.0	2.4	2.4	22.0	2.4
30"	3.0	27.0	3.0	3.0	27.0	3.0
36"	3.6	32.0	3.6	3.6	32.0	3.6
42"	4.2	37.0	4.2	4.2	37.0	4.2
48"	4.8	42.0	4.8	4.8	42.0	4.8
54"	5.4	47.0	5.4	5.4	47.0	5.4
60"	6.0	52.0	6.0	6.0	52.0	6.0

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
STANDARD PRECAST REINFORCED CONCRETE MANHOLE
REV. & REDR. AUG. 1999
SCALE AS SHOWN
REV. & REDR. AUG. 1999
NUMBER 1019A

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
STANDARD CONCRETE COLLAR FOR DEFLECTING PIPE
REV. & REDR. AUG. 1999
SCALE AS SHOWN
REV. & REDR. AUG. 1999
NUMBER 1001-B

georgia civil
CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
LAND SURVEYING
3111 N. Main St., Ste. 101, Unit C
P.O. Box 896 | Madison, GA 30650
P: 706.342.1104 | F: 706.342.1105
www.georgiacivil.com
Professional Seal
ROCKDALE COUNTY FIRE STATION #10
3100 NE HIGHWAY 138
CONYERS, GA 30012
ZONING: WP-WATERSHED PROTECTION DISTRICT

NOTE TO DESIGNER
THIS STANDARD IS LIMITED FOR USE IN SPECIAL CONDITIONS, OTHERWISE, SEE CURRENT STANDARDS 100 & 105. HEADWALLS ARE NOT TO BE PLACED INSIDE THE CLEAR ZONE.

NOTE
QUANTITIES OF CONCRETE ARE BASED ON INSIDE DIMENSIONS OF PIPE. WALL THICKNESS OR SAWED PIPE IS NOT TO BE USED FOR ESTIMATING PURPOSES UNLESS OTHERWISE NOTED IN THE QUANTITIES MEASURED AS ACTUALLY PLACED.

NOTE
QUANTITIES OF PIPE ARE BASED ON INSIDE DIMENSIONS OF PIPE. WALL THICKNESS OR SAWED PIPE IS NOT TO BE USED FOR ESTIMATING PURPOSES UNLESS OTHERWISE NOTED IN THE QUANTITIES MEASURED AS ACTUALLY PLACED.

CONCRETE ENDS WITH 'L' TYPE WINGS

SECTION SHOWING MINIMUM COVER OVER CULVERTS

NOTE: GRADE GENERALLY TO FOLLOW SLOPE OF STREAM.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
STANDARD CONCRETE COLLAR FOR JOINTING PIPE
REV. & REDR. AUG. 1999
SCALE AS SHOWN
REV. & REDR. AUG. 1999
NUMBER 1001-B

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
STANDARD PRECAST OR BUILT IN PLACE JUNCTION BOX PIPE COLLARS, PIPE ELBOW & PIPE DEFLECTING ALIGNMENT
REV. & REDR. JULY 1980
SCALE AS SHOWN
REV. & REDR. JULY 1980
NUMBER 1001-B

NOTE
ALL DETAILS SHOWN ON THIS PAGE ARE STANDARD DETAILS USED BY GEORGIA CIVIL FOR STORM PIPES. REFER TO THE STORMWATER MANAGEMENT PLAN FOR THE PIPE(S) TYPES TO BE USED THROUGHOUT THE SITE. THE PLACEMENT OF THESE DETAILS ON THE PLAN DOES NOT CONSTITUTE AN APPROVED ALTERNATE FOR PIPE MATERIALS. OWNER/CONTRACTOR SHALL COORDINATE WITH THE DESIGN PROFESSIONAL PRIOR TO ANY MATERIAL SUBSTITUTIONS. REFER TO SIZING CHART ON THIS PAGE FOR CLASS OF RCP AND GAUGE OF AST.

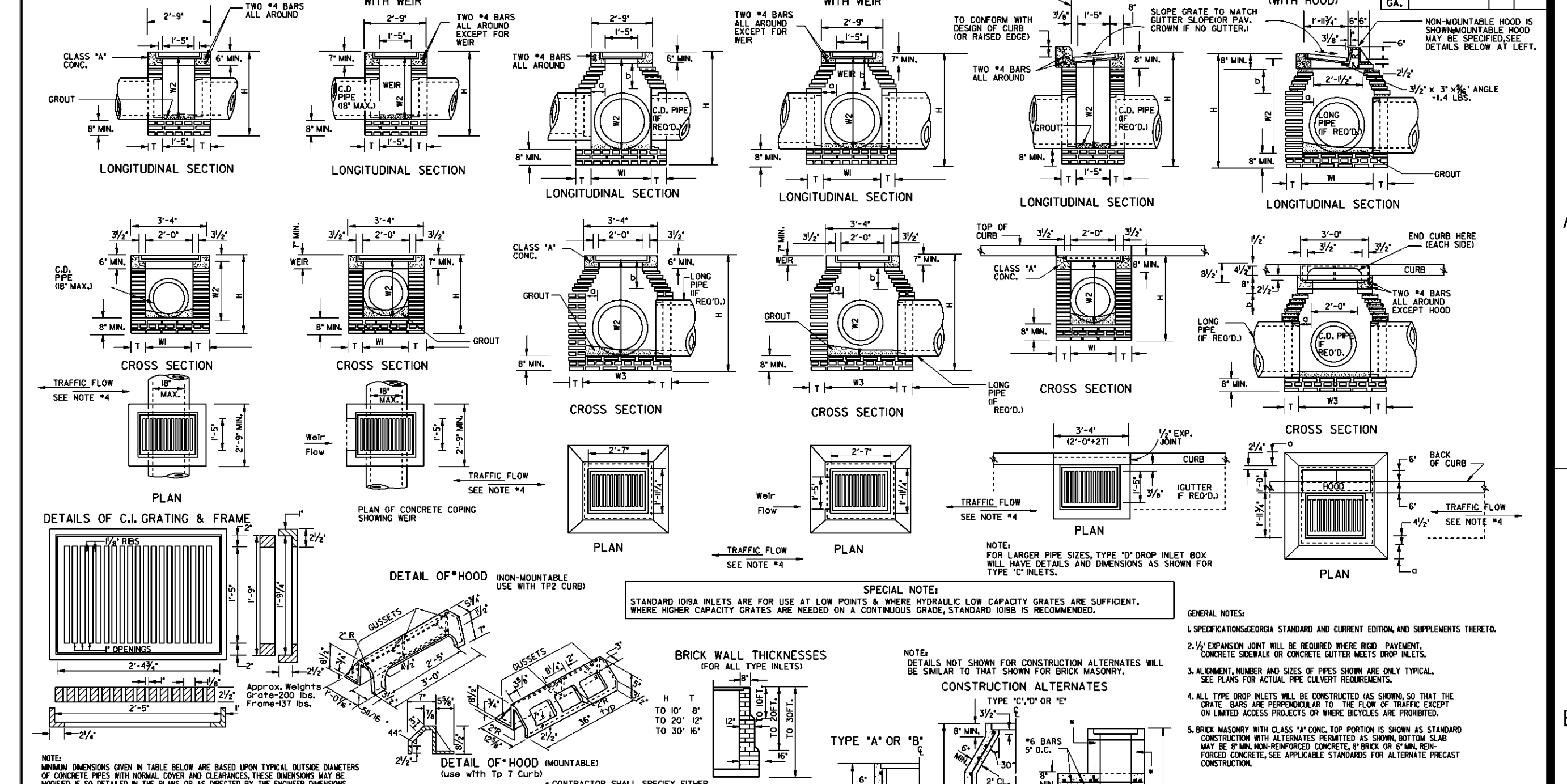
DRAWING DATE: 07.19.22
DRAWN BY: MSF
CHECKED BY: JPB
REVISIONS
DATE: 10.21.22
DESCRIPTION: COUNTY COMMENTS

Copyright 2022 georgia civil, inc. This document is the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.
Stormwater Management System Details
Sheet Number: C-4.3

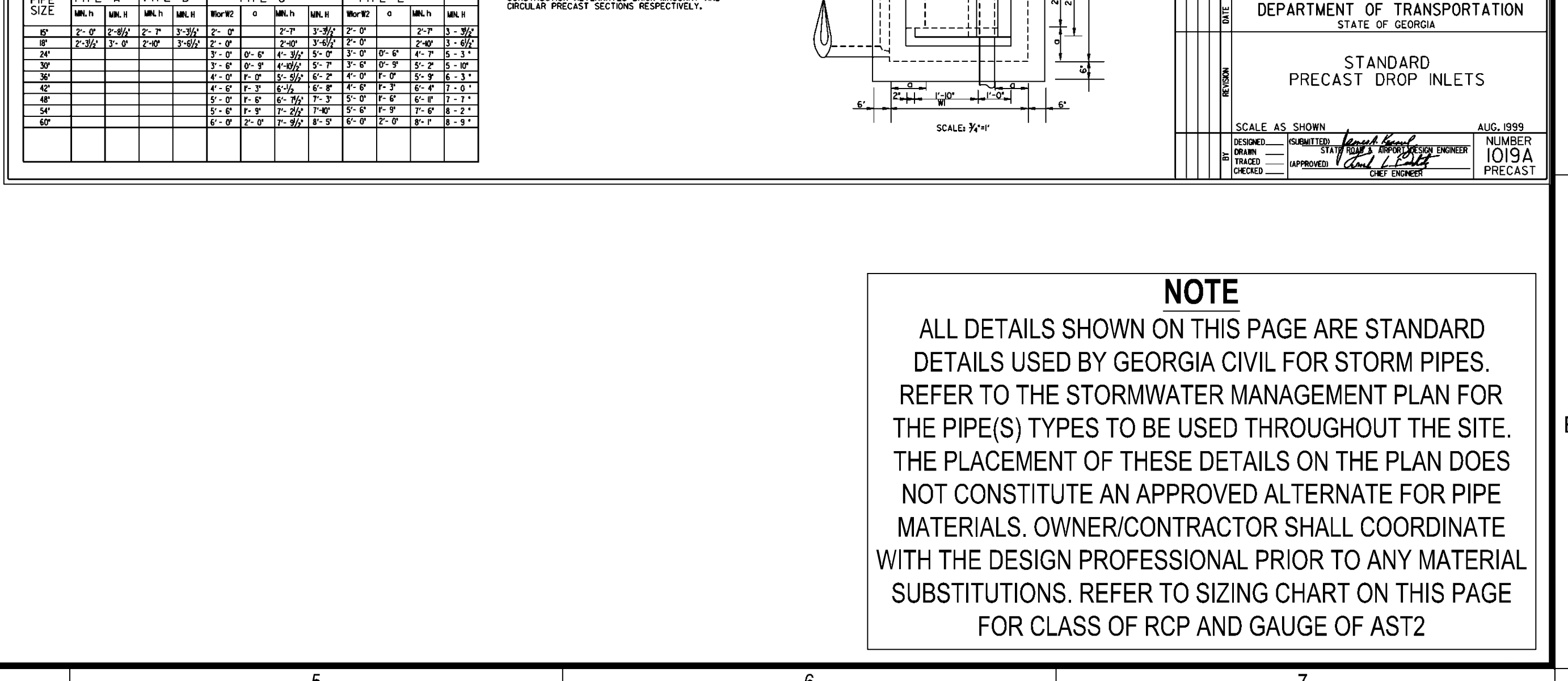
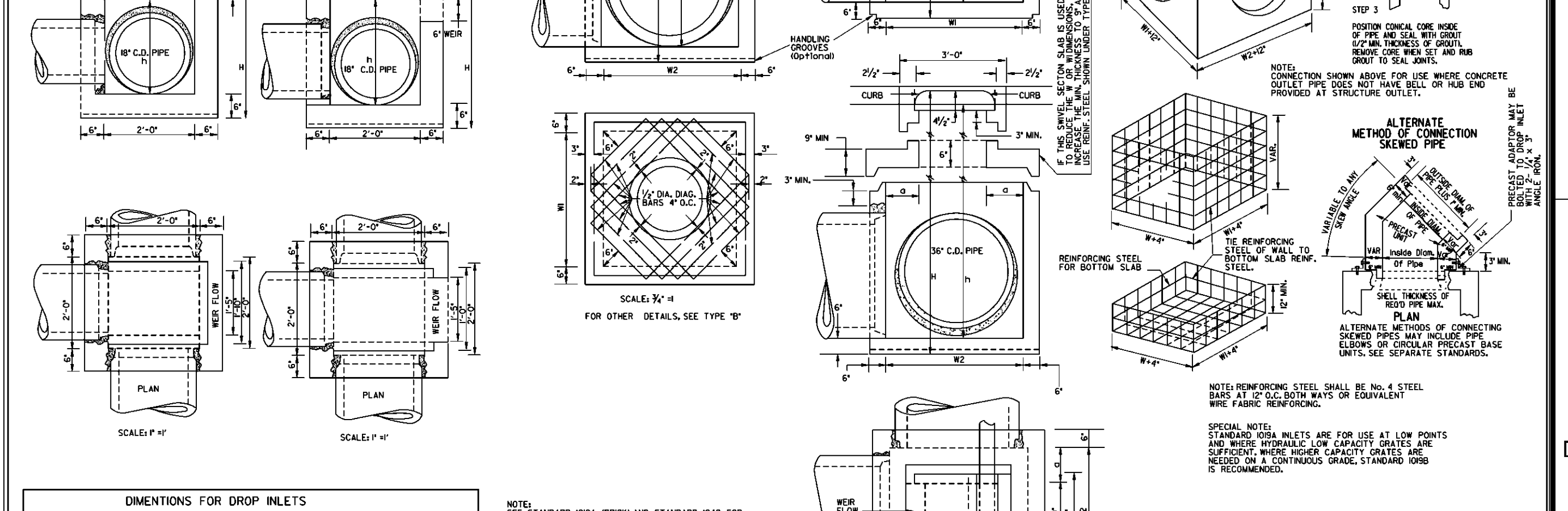
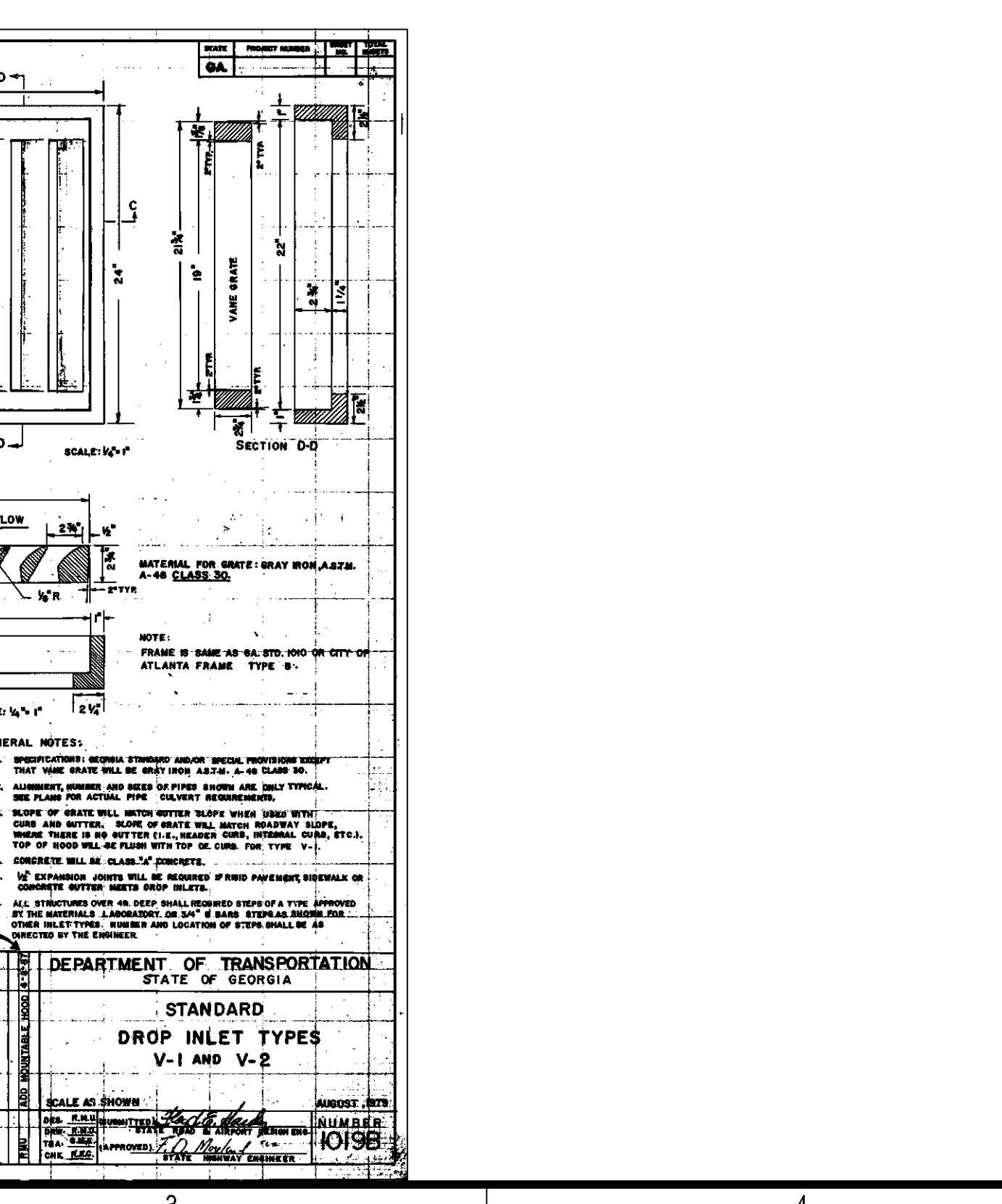
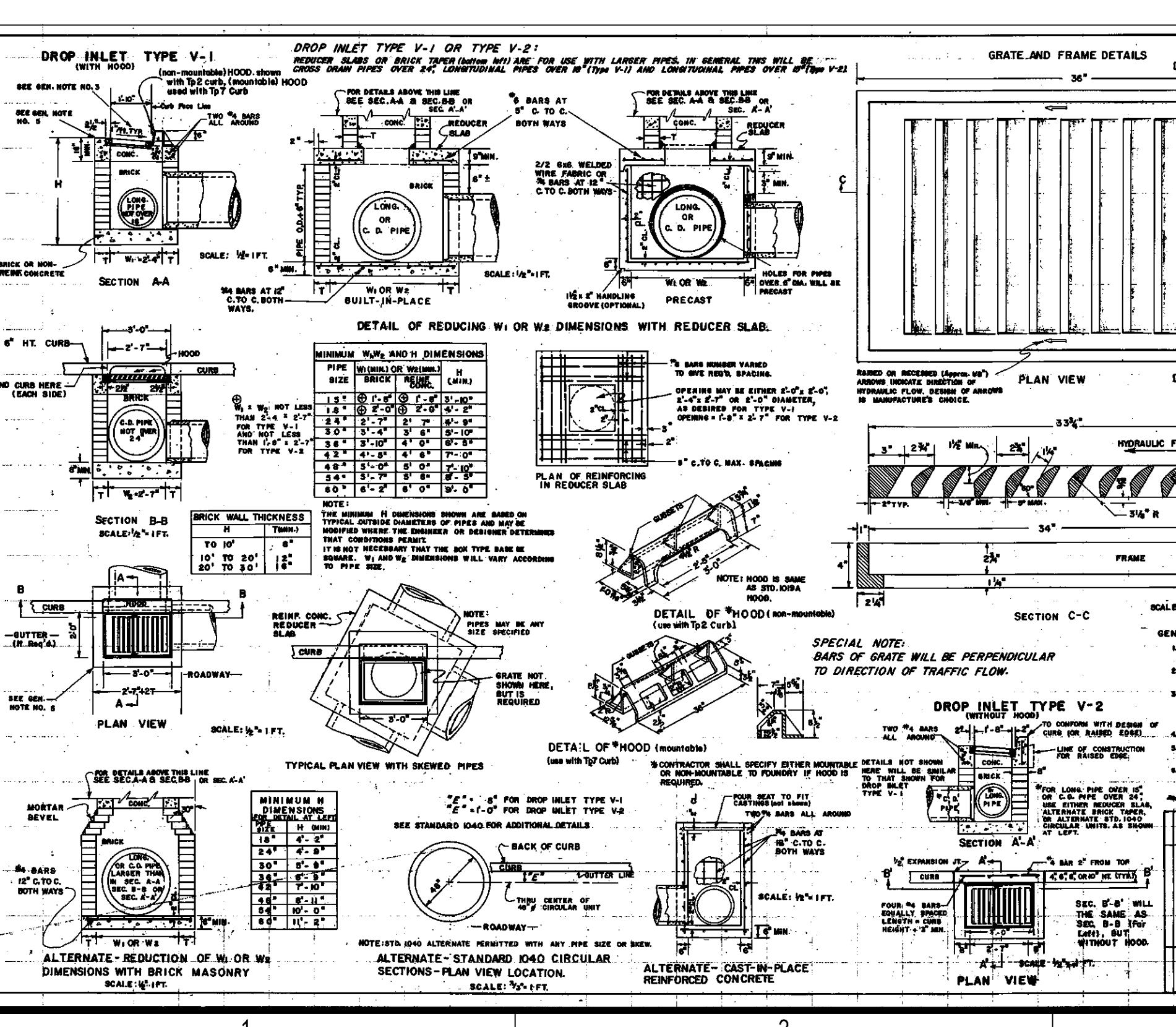
PIPE DIAMETER (INCHES)	TYPE	HEIGHT OF FILL IN FEET ABOVE TOP OF PIPE																	PIPE DIAMETER (INCHES)		
		1-10	10-15	15-20	20-25	25-30	30-35	35-40	40-50	50-60	60-70	70-80	80-90								
12	CONCRETE	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	STEEL	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	ALUM	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

PIPE DIAMETER (INCHES)	TYPE	HEIGHT OF FILL IN FEET ABOVE TOP OF PIPE																	PIPE DIAMETER (INCHES)		
		1-10	10-15	15-20	20-25	25-30	30-35	35-40	40-50	50-60	60-70	70-80	80-90								
12	STEEL	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

PIPE DIAMETER (IN)	TYPE	MINIMUM COVER (IN)	MINIMUM THICKNESS (IN)	MINIMUM CLASS OF CONCRETE
12	CONCRETE	12	12	12



PIPE DIAMETER (IN)	TYPE	MINIMUM COVER (IN)	MINIMUM THICKNESS (IN)	MINIMUM CLASS OF CONCRETE
12	A	12	12	12



NOTE
ALL DETAILS SHOWN ON THIS PAGE ARE STANDARD DETAILS USED BY GEORGIA CIVIL FOR STORM PIPES. REFER TO THE STORMWATER MANAGEMENT PLAN FOR THE PIPE(S) TYPES TO BE USED THROUGHOUT THE SITE. THE PLACEMENT OF THESE DETAILS ON THE PLAN DOES NOT CONSTITUTE AN APPROVED ALTERNATE FOR PIPE MATERIALS. OWNER/CONTRACTOR SHALL COORDINATE WITH THE DESIGN PROFESSIONAL PRIOR TO ANY MATERIAL SUBSTITUTIONS. REFER TO SIZING CHART ON THIS PAGE FOR CLASS OF RCP AND GAUGE OF AST2

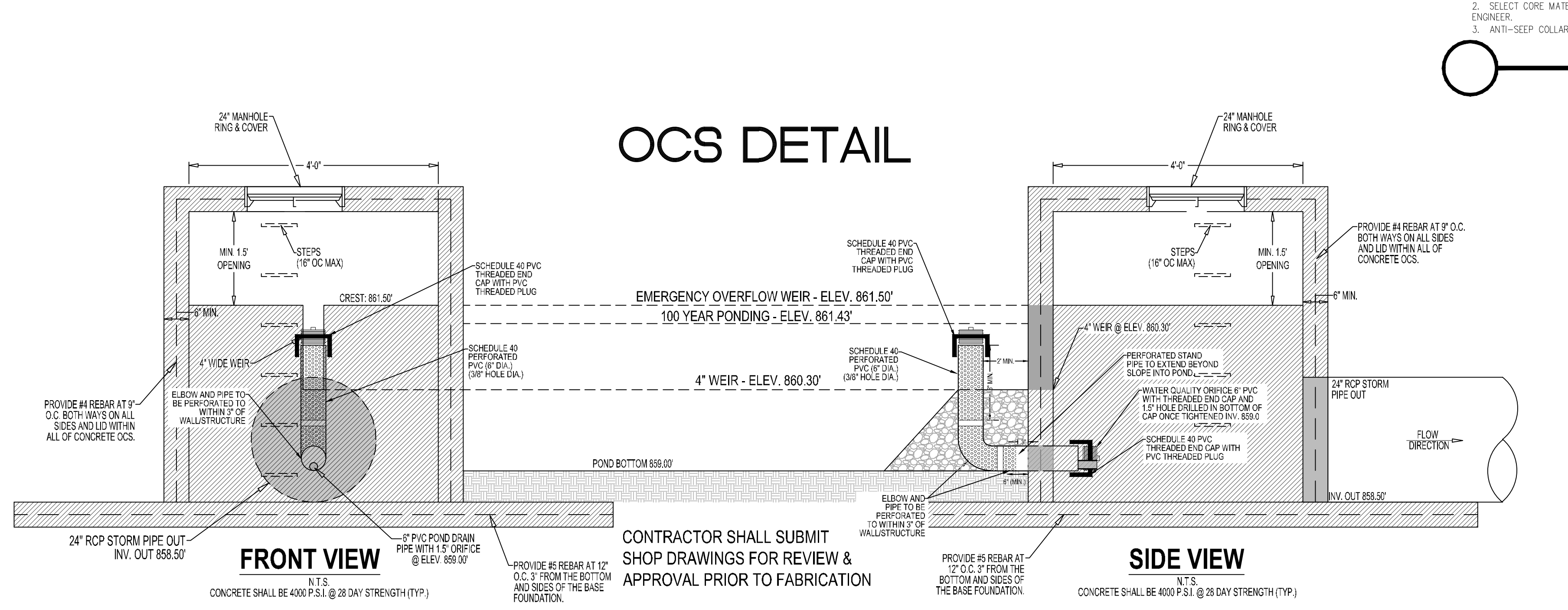
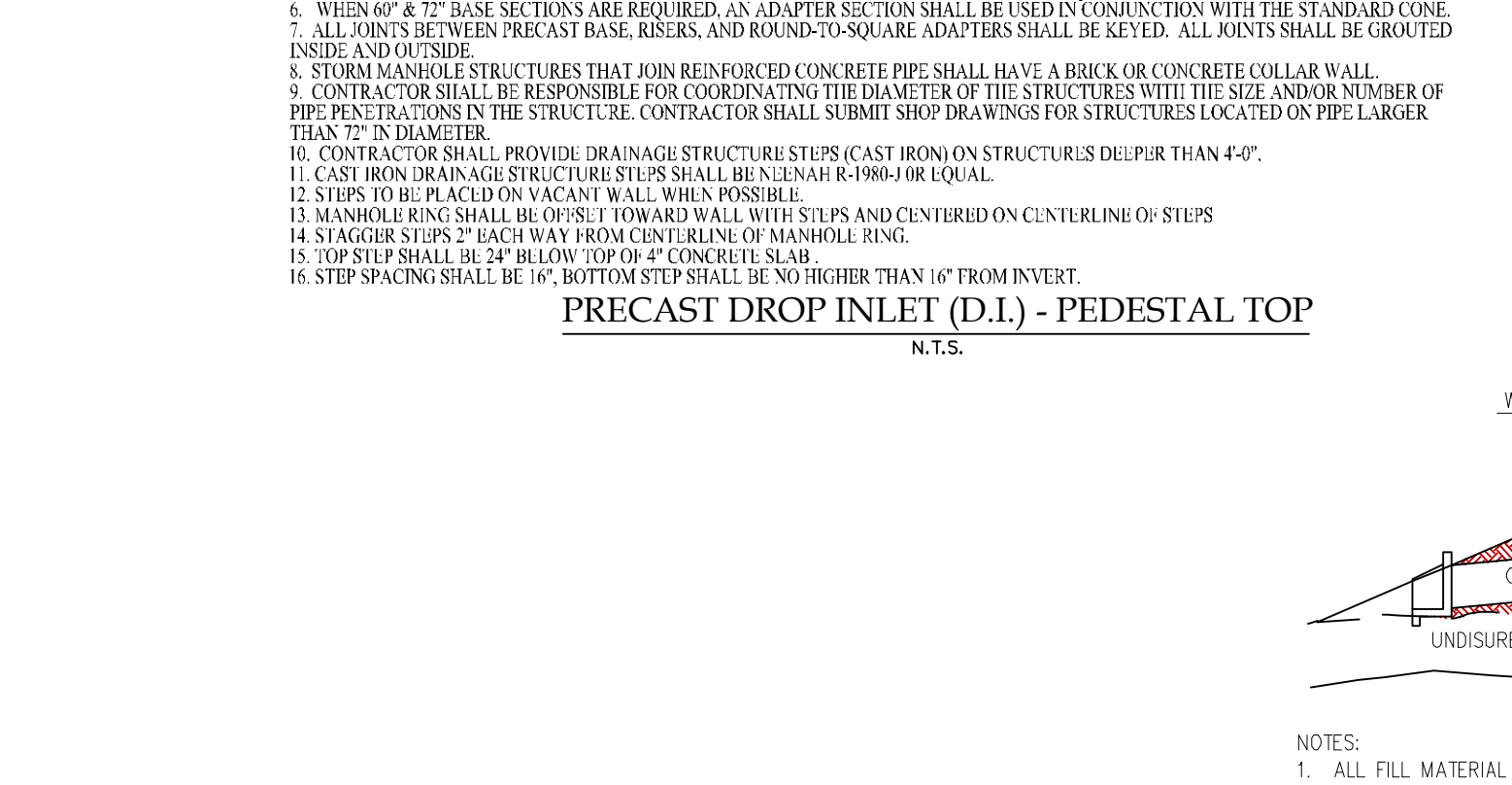
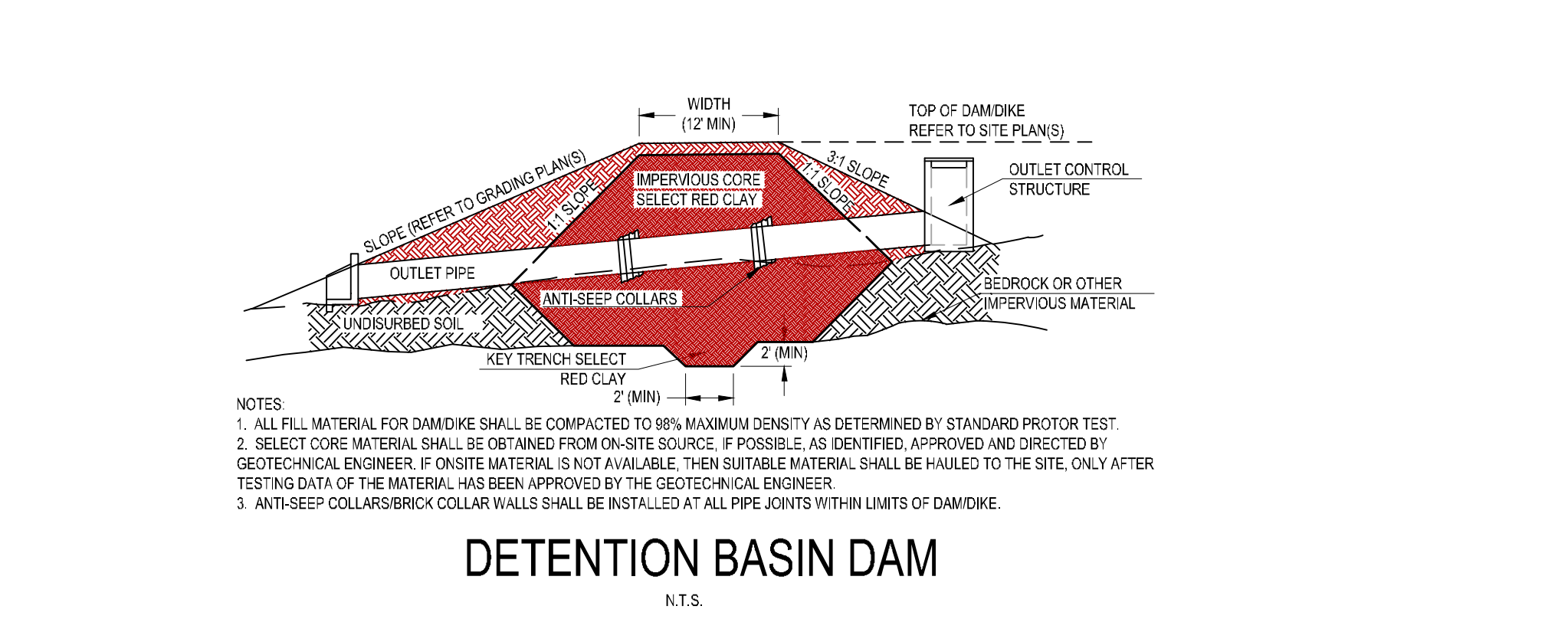
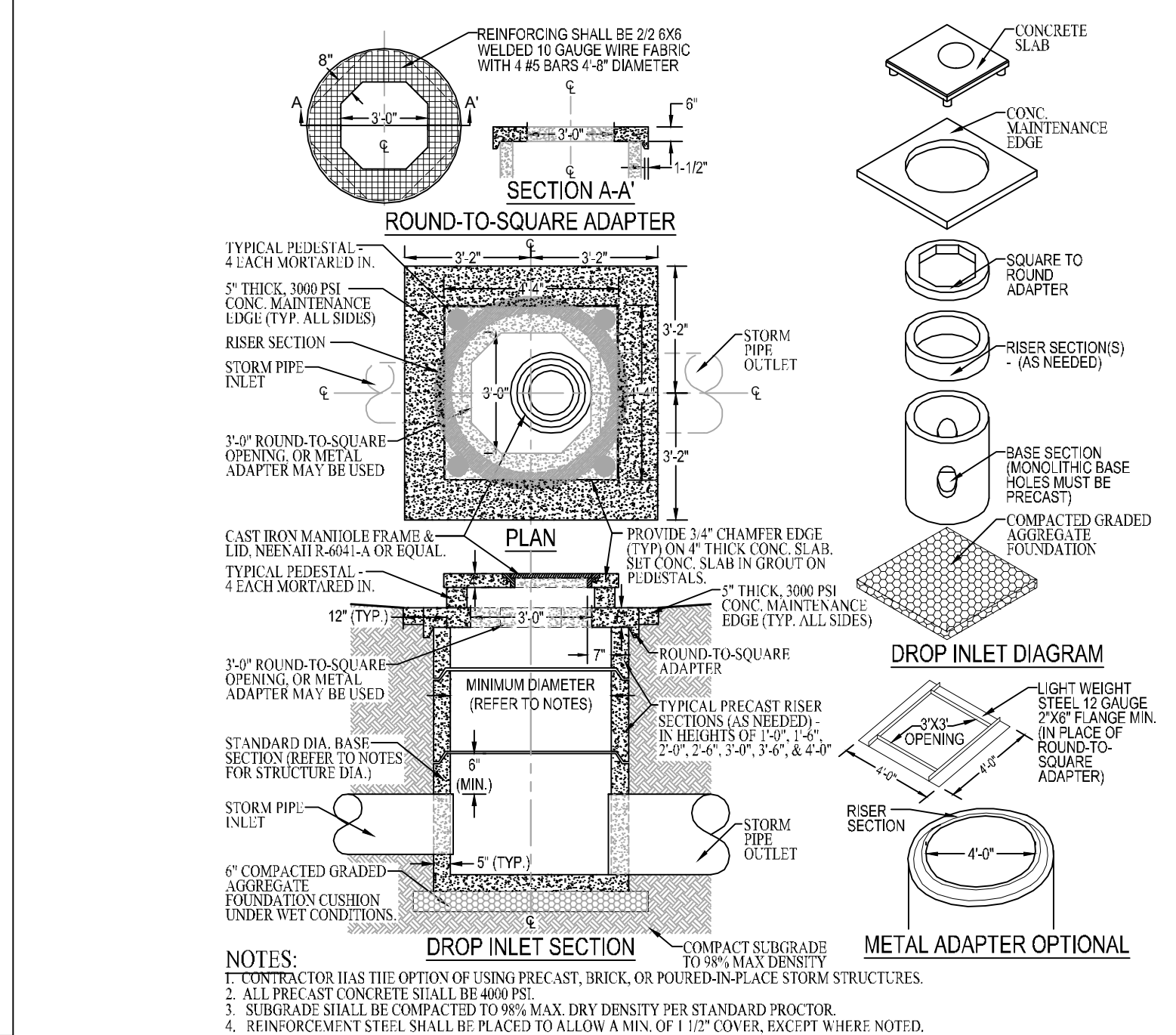
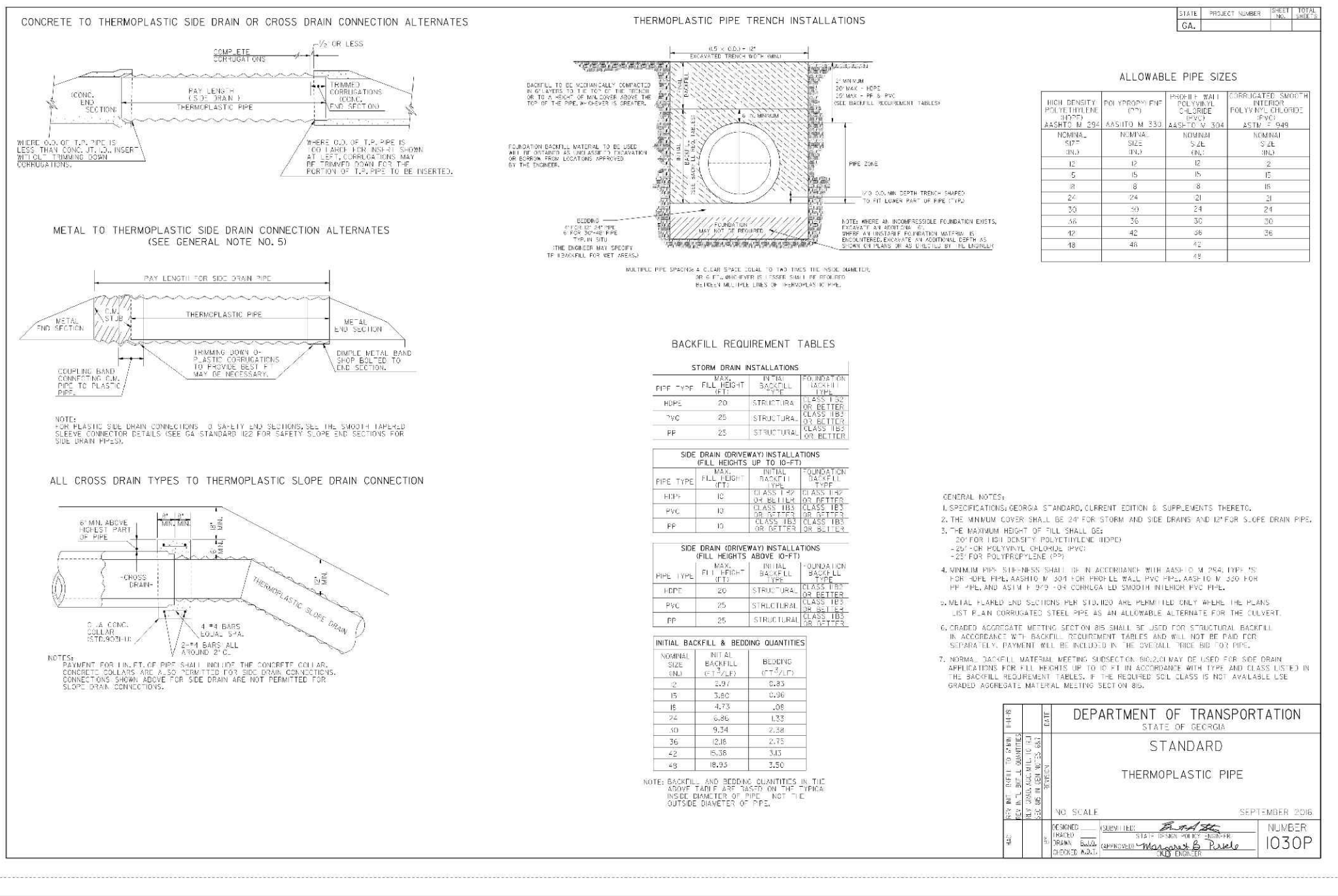
georgia civil
CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
LAND SURVEYING
311 N. Main St., Ste. 101, Unit C
P.O. Box 896 | Madison, GA 30650
P: 706.342.1104 | F: 706.342.1105
www.georgiacivil.com
Professional Seal

ROCKDALE COUNTY FIRE STATION #10
3100 NE HIGHWAY 138
CONYERS, GA 30012
ZONING: WP-WATERSHED PROTECTION DISTRICT

DRAWING DATE: 07.19.22
DRAWN BY: MSF
CHECKED BY: JPB
REVISIONS
DATE: 10.21.22
DESCRIPTION: COUNTY COMMENTS

Copyright 2022 georgia civil, inc.
This document is the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.

STORMWATER MANAGEMENT DETAILS
Sheet Number
C-4.4



CIRCULAR OUTLET CONTROL STRUCTURE

PRECAST OUTLET CONTROL STRUCTURE BOX SHALL EXTEND A MINIMUM OF 6" LOWER THAN THE LOWEST INVERT. PRECAST STRUCTURE SHALL BE OPEN IN THE BOTTOM WHEN DELIVERED TO SITE, AND SHALL BE SET INTO CONCRETE WHEN BASE FOUNDATION IS POURED IN PLACE. SIX INCHES BELOW THE LOWEST INVERT, #5 REBAR SHALL EXTEND THROUGH DRILLED HOLES, ONE FOOT ON CENTER, ON ALL FOUR SIDES. CONTINUOUS SECTIONS OF #5 REBAR SHALL EXTEND THROUGH THE HOLES FORM ONE SIDE OF THE BOX, ACROSS THE INSIDE OF THE BOX, AND THROUGH THE MATCHING HOLE ON THE OTHER SIDE OF THE BOX. THE REBAR SHALL EXTEND A MINIMUM OF 10" BEYOND EACH OUTSIDE FACE OF THE BOX AND BE WIRED TO THE REBAR SET IN THE CONCRETE BASE FOUNDATION. CONCRETE SHALL BE POURED AND FINISHED UP TO THE ELEVATION OF THE LOWEST INVERT ON THE INSIDE AND OUTSIDE OF THE OUTLET CONTROL STRUCTURE BOX.

Buoyancy Calculations For OCS:

HEIGHT OF OCS= 5 FT

TOP OF STRUCTURE (EMER. OVRFLW) = 861.5

BOTTOM OF MANHOLE = 858.5

100YR STAGE= 861.43

DEPTH OF WATER TOP-BOTTOM= 2.93 FT

VOLUME WATER DISPLACED= (3.14)(6)(2.93)=55.2 CF

Fb displaced water:

Fb dw= (62.4 lb/cf) * 55.2 cf= 3,444.55 lbs

Concrete Volume of Manhole with 6" Walls= (3.14)(6)(2.93) - (3.14)(5)(2.93)= 9.2 cf

Specific weight concrete= 150 lb/cf

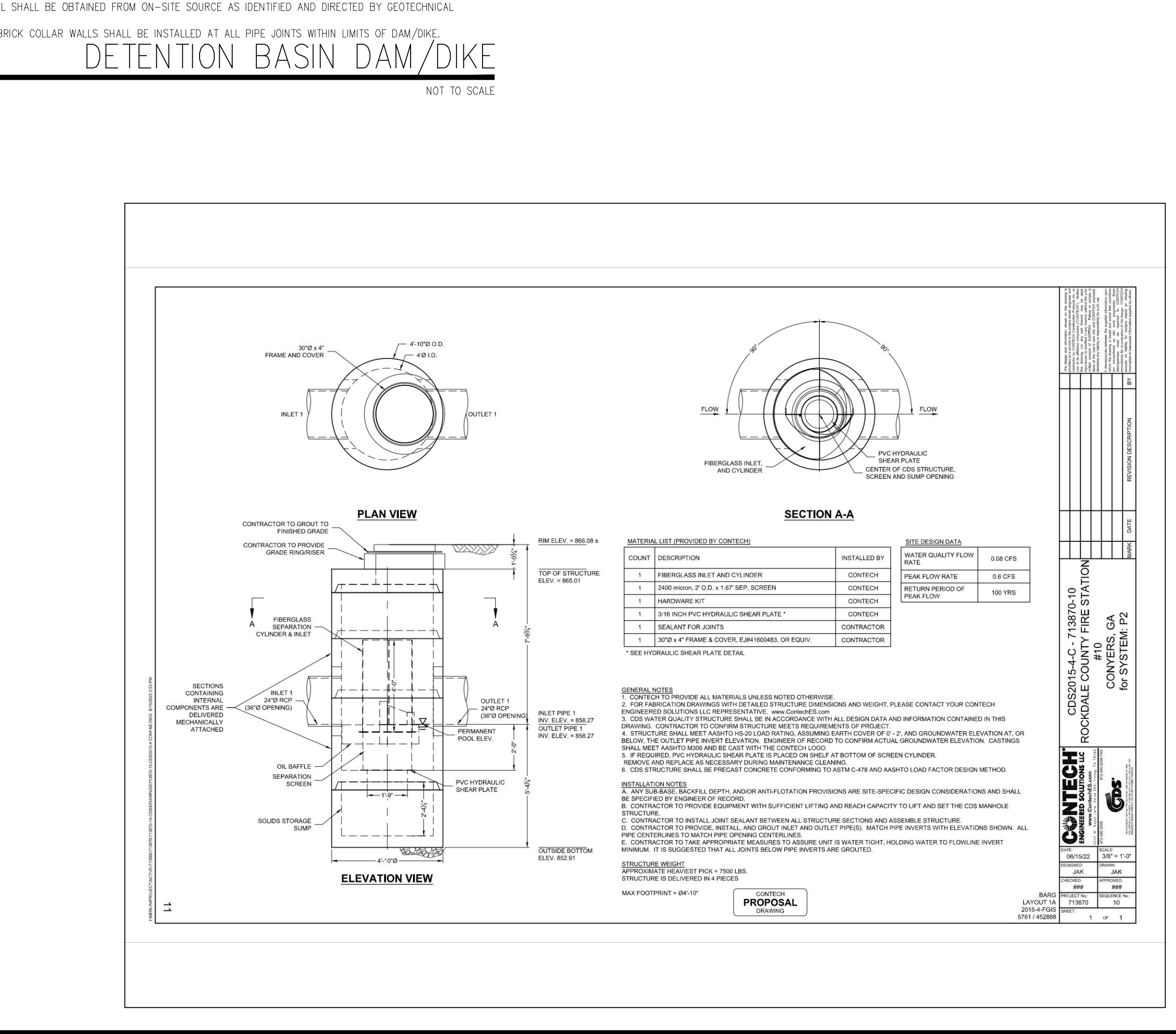
Weight of Manhole= 9.2*150 lb= 1,380 lbs

Required weight of concrete footing and manhole= 2,064.55 lbs

Required Weight of Footing= 3,444.55 - 2,064.55 = 1,380 lbs

Volume Req= 1380/150= 9.2 cf

Dimensions of footing= 3.5*3.5*1.00= 12.25cf



georgia civil

CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
LAND SURVEYING

311 N. Main St., Ste. 101, Unit C
P.O. Box 896 | Madison, GA 30650
P: 706.342.1104 | F: 706.342.1105
www.georgiacivil.com

Professional Seal

GEORGIA

REGISTERED PROFESSIONAL ENGINEER

NASON P. BROWN

ROCKDALE COUNTY FIRE STATION #10

3100 NE HIGHWAY 138
CONYERS, GA 30012

ZONING: WP-WATERSHED PROTECTION DISTRICT

DRAWING DATE: 07.19.22

DRAWN BY: MSF

CHECKED BY: JPB

REVISIONS

DATE	DESCRIPTION
10.21.22	COUNTY COMMENTS

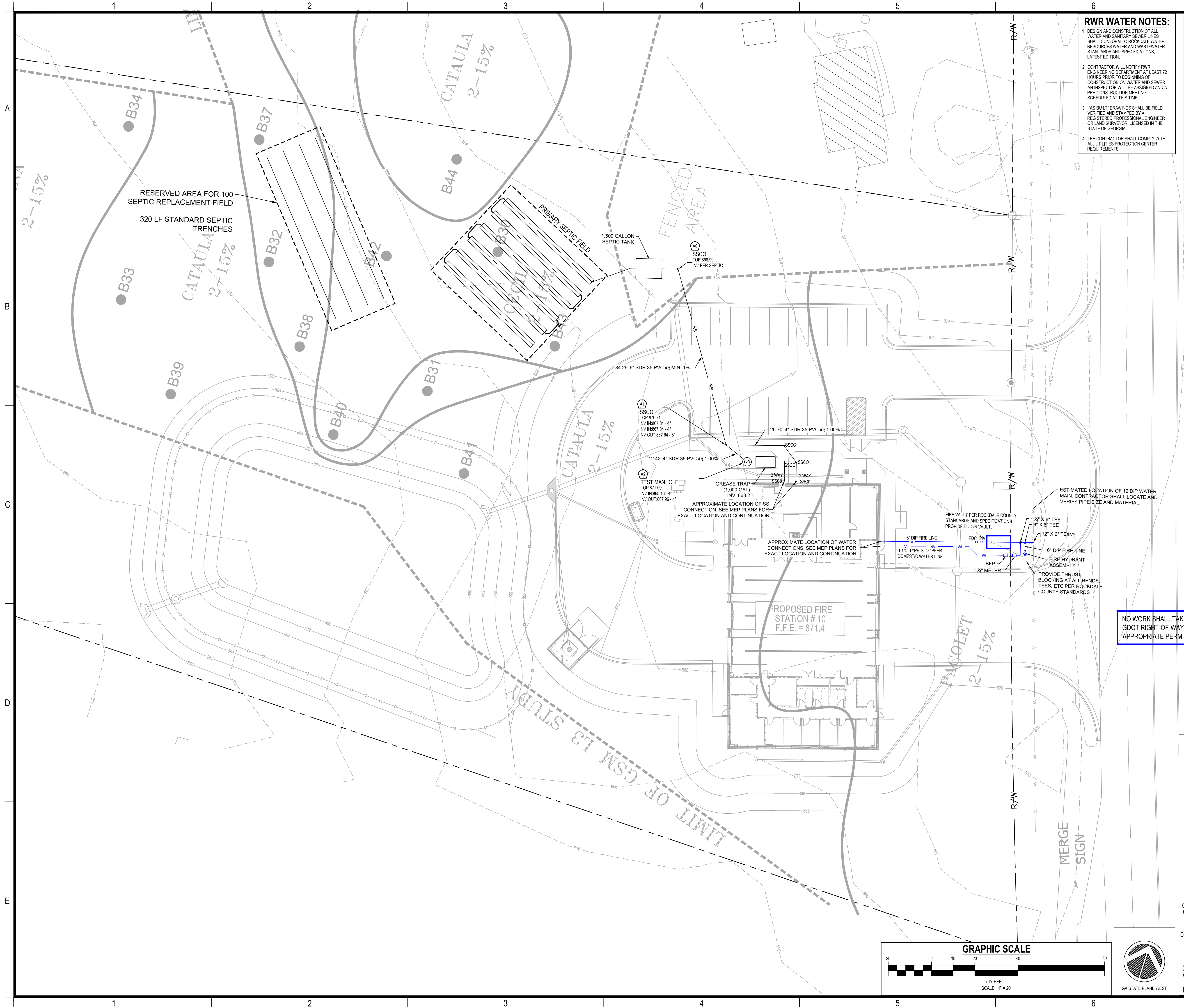
Copyright 2022 georgia civil, inc.

This document and its reproduction are the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.

STORMWATER MANAGEMENT DETAILS

Sheet Number

C-4.5

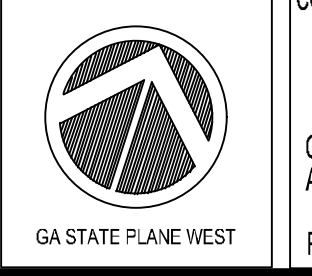
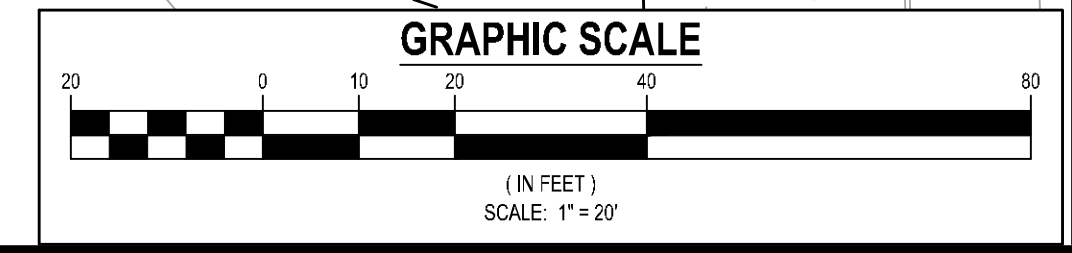


- RWR WATER NOTES:**
1. DESIGN AND CONSTRUCTION OF ALL WATER AND SANITARY SEWER LINES SHALL CONFORM TO ROCKDALE WATER RESOURCES AND WASTEWATER STANDARDS AND SPECIFICATIONS, LATEST EDITION.
 2. CONTRACTOR WILL NOTIFY RWR ENGINEERING DEPARTMENT AT LEAST 72 HOURS PRIOR TO BEGINNING OF CONSTRUCTION ON WATER AND SEWER. AN INSPECTOR WILL BE ASSIGNED AND A PRE-CONSTRUCTION MEETING SCHEDULED AT THIS TIME.
 3. "AS-BUILT" DRAWINGS SHALL BE FIELD VERIFIED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER OR LAND SURVEYOR, LICENSED IN THE STATE OF GEORGIA.
 4. THE CONTRACTOR SHALL COMPLY WITH ALL UTILITIES PROTECTION CENTER REQUIREMENTS.

- NOTES:**
1. THE OWNER SHALL MAINTAIN ALL WATER AND SEWER INFRASTRUCTURE ACCEPTED BY RWR FOR A PERIOD OF 24 MONTHS AFTER ACCEPTANCE. AFTER 24 MONTHS, ACCEPTED INFRASTRUCTURE BELONGS TO RWR. RWR SHALL PROVIDE ALL MAINTENANCE IN PERPETUITY.
 2. PRIVATE WATER AND SEWER INFRASTRUCTURE SHALL BE MAINTAINED BY THE OWNER IN PERPETUITY. EVEN THOUGH THESE STRUCTURES MAY BE REGULATED BY RWR, RWR DOES NOT CLAIM OWNERSHIP AND SHALL NOT PROVIDE MAINTENANCE.
 3. MINIMUM DEPTH OF COVER SHALL BE 2.5 FEET ON SERVICE LINES.
 4. WATER SERVICE LINES: ALL WATER SERVICE LINES 2-INCHES IN DIAMETER AND LESS SHALL BE CONSTRUCTED OF COPPER TUBING.
 5. ALL SERVICE LINES ARE TO HAVE APPROPRIATE BACKFLOW PREVENTION AHEAD OF TIE-IN TO COUNTY WATER SYSTEM.
 6. PRESSURE-FLOW TEST RESULTS DEVELOPMENT WATER DEMAND AND FIRE FLOW REQUIREMENTS.
 7. TWENTY-FOOT PERMANENT EASEMENTS ARE REQUIRED WHERE THE WATER LINE CROSSES PRIVATE PROPERTY. MORE EASEMENT AREA MAY BE REQUIRED AS DEEMED NECESSARY BY RWR.

- NOTES:**
1. PRIOR TO PLACEMENT OF CURB AND GUTTER OR BASE ROCK FOR PARKING AREAS, CONTRACTOR SHALL PROVIDE PVC CONDUITS FOR EACH UTILITY SERVICE. CONDUITS SHALL BE PER UTILITY OWNERS REQUIREMENTS. ALL SERVICES SHALL MAINTAIN A MINIMUM OF 8 FT OF COVER.
 2. CONTRACTOR SHALL NOT INSTALL ANY SANITARY SEWER LINES AT LESS THAN 90° (UNLESS EXPLICITLY NOTED OTHERWISE). IF UPON INSPECTION OR AS BUILT SURVEY LINES ARE FOUND TO BE AT LESS THAN 90°, CONTRACTOR SHALL AT HIS/HER OWN EXPENSE REPLACE LINES AND MANHOLES IN ORDER TO ACHIEVE THE MINIMUM 90° DEFLECTION THROUGH THE MANHOLES.
 3. MANHOLE SECTIONS THAT ARE CORED IN THE WRONG LOCATION OR ELEVATION SHALL BE REPLACED.
 4. TRANSFORMER AND PAD SHALL BE LOCATED A MINIMUM OF 10 FT FROM THE BUILDING AND SHALL HAVE A 10 FT CLEAR ZONE AT THE FRONT ACCESS TO THE TRANSFORMER. CONTRACTOR SHALL COORDINATE WITH UTILITY CONTRACTOR BEFORE SETTING MECHANICAL PAD OR EQUIPMENT.
 5. OWNER SHALL MAINTAIN FACTORY INSTALLED PLUGS IN DUMPSTER DRAINS AT ALL TIMES SO AS TO PROHIBIT LIQUID DRAINAGE FROM DUMPSTER.

NO WORK SHALL TAKE PLACE WITHIN THE GDOT RIGHT-OF-WAY WITHOUT THE APPROPRIATE PERMITS.



DEVELOPER
 COMPANY: ROCKDALE COUNTY SOC
 ADDRESS: P.O. BOX 289
 CONYERS, GA 30012
 PHONE: 770-278-7268
 FAX: -
 CONTACT: ANDREW HAMMER
 EMAIL: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV

CONTRACTOR
 COMPANY: TBD
 ADDRESS: -
 CONTACT: -
 PHONE: -
 EMAIL: -

SURVEYOR
 COMPANY: PATRICK & ASSOCIATES, INC.
 ADDRESS: 828 BLACK LAWN RD
 CONYERS, GA 30094
 PHONE: 770-493-9745
 CONTACT: JAMES S. HULL, JR.

SITE DESIGNER
 COMPANY: GEORGIA CIVIL, INC.
 ADDRESS: P.O. BOX 896
 MADISON, GA 30650
 PHONE: 706.342.1104

JASON P. BROWN
 LEVEL II CERTIFIED
 DESIGN PROFESSIONAL
 #53274 - EXP. 05.01.2023

24-HOUR CONTACT
 ANDREW HAMMER
 770-278-7268

GEORGIA811
 www.Georgia811.com
 Contact 811 before you dig

Utilities/Services shown are for Contractors convenience. Items are shown schematically and neither the site design professional nor the owner assumes any responsibility for variations in their actual location. This plan may not show and/or may incorrectly show utilities located on site. Contractor shall be responsible to secure and use the services of a private utility locator firm during the entire course of work and shall pay for their services. Contractor shall locate utilities prior to any disturbance (including field marking location and depth of utilities that are to be saved and protected). Contractor shall notify the site design professional of any utility conflicts prior to installation of new utilities, grading, etc. The Contractor at their expense shall be responsible to repair, replace and/or relocate, as necessary, any utilities damaged, whether shown or not. Agreement, relocation, etc. of utilities shall be coordinated with the respective utility company.

georgia civil
 CIVIL ENGINEERING
 LANDSCAPE ARCHITECTURE
 LAND SURVEYING

311 N. Main St. Ste. 101, Unit C
 P.O. Box 896 | Madison, GA 30650
 P: 706.342.1104 | F: 706.342.1105
 www.georgiacivil.com

Professional Seal

Project Information

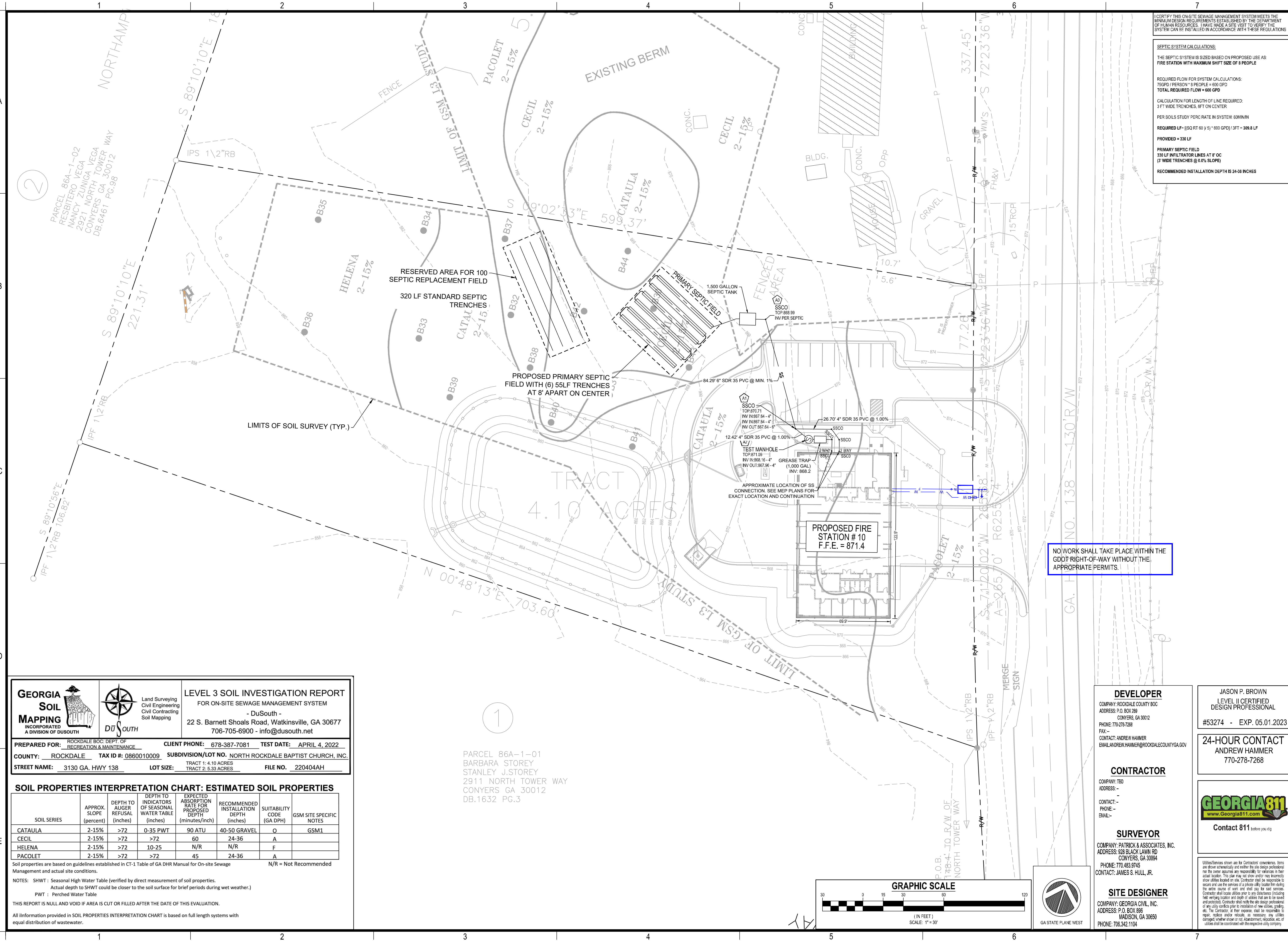
ROCKDALE COUNTY FIRE STATION #10
 3100 NE HIGHWAY 138
 CONYERS, GA 30012
 ZONING: WP-WATERSHED PROTECTION DISTRICT

DRAWING DATE:	07.19.22
DRAWN BY:	MSF
CHECKED BY:	JPB
REVISIONS	
DATE:	DESCRIPTION:
10.21.22	COUNTY COMMENTS

© Copyright 2022 georgia civil, inc.
 This document and its reproduction are the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.

Sheet Title
 UTILITY PLAN

Sheet Number
C-5.0



I CERTIFY THIS ON-SITE SEWAGE MANAGEMENT SYSTEM MEETS THE MINIMUM DESIGN REQUIREMENTS ESTABLISHED BY THE DEPARTMENT OF HUMAN RESOURCES. I HAVE MADE A SITE VISIT TO VERIFY THE SYSTEM CAN BE INSTALLED IN ACCORDANCE WITH THESE REGULATIONS.

SEPTIC SYSTEM CALCULATIONS:
 THE SEPTIC SYSTEM IS SIZED BASED ON PROPOSED USE AS
FIRE STATION WITH MAXIMUM SHIFT SIZE OF 8 PEOPLE

REQUIRED FLOW FOR SYSTEM CALCULATIONS:
 75 GPD / PERSON x 8 PEOPLE = 600 GPD
TOTAL REQUIRED FLOW = 600 GPD

CALCULATION FOR LENGTH OF LINE REQUIRED:
 3 FT WIDE TRENCHES, 8 FT ON CENTER

PER SOILS STUDY PERC RATE IN SYSTEM 60 MIN IN

REQUIRED LF = (600 GPD / 60) / 0.05 = 200 LF

PROVIDED = 320 LF

PRIMARY SEPTIC FIELD
 320 LF INFILTRATOR LINES AT 4' OC
 (3' WIDE TRENCHES @ 0.6% SLOPE)

RECOMMENDED INSTALLATION DEPTH IS 24-36 INCHES



georgia civil
 CIVIL ENGINEERING
 LANDSCAPE ARCHITECTURE
 LAND SURVEYING

311 N. Main St. Ste. 101, Unit C
 P.O. Box 896 | Madison, GA 30650
 P: 706.342.1104 | F: 706.342.1105
www.georgiacivil.com



Project Information

ROCKDALE COUNTY FIRE STATION #10
 3100 NE HIGHWAY 138
 CONYERS, GA 30012
 ZONING: WP-WATERSHED PROTECTION DISTRICT

NO WORK SHALL TAKE PLACE WITHIN THE
 GDOT RIGHT-OF-WAY WITHOUT THE
 APPROPRIATE PERMITS.

GEORGIA SOIL MAPPING
 INCORPORATED
 A DIVISION OF DUSOUTH

Land Surveying
 Civil Engineering
 Civil Contracting
 Soil Mapping

LEVEL 3 SOIL INVESTIGATION REPORT
 FOR ON-SITE SEWAGE MANAGEMENT SYSTEM
 - DuSouth -
 22 S. Barnett Shoals Road, Watkinsville, GA 30677
 706-705-6900 - info@dusouth.net

ROCKDALE BOC: DEPT. OF RECREATION & MAINTENANCE
 CLIENT PHONE: 678-387-7081 TEST DATE: APRIL 4, 2022

COUNTY: ROCKDALE TAX ID #: 0860010009 SUBDIVISION/LOT NO.: NORTH ROCKDALE BAPTIST CHURCH, INC.
 STREET NAME: 3130 GA. HWY 138 LOT SIZE: TRACT 1: 4.10 ACRES TRACT 2: 5.33 ACRES FILE NO.: 220404AH

SOIL PROPERTIES INTERPRETATION CHART: ESTIMATED SOIL PROPERTIES

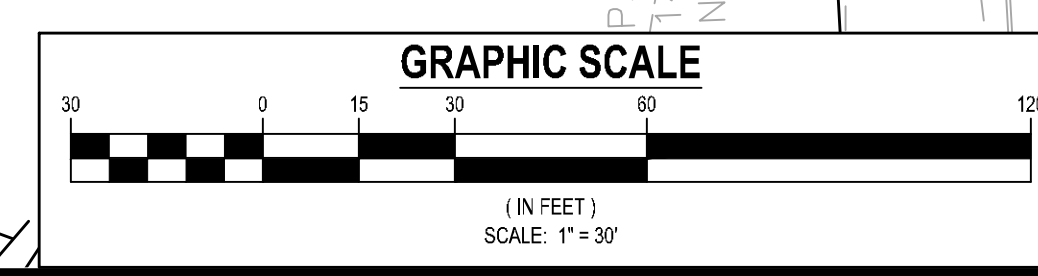
SOIL SERIES	APPROX. SLOPE (percent)	DEPTH TO AUGER REFUSAL (inches)	DEPTH TO INDICATORS OF SEASONAL WATER TABLE (inches)	EXPECTED ABSORPTION RATE FOR PROPOSED DEPTH (minutes/inch)	RECOMMENDED INSTALLATION DEPTH (inches)	SUITABILITY CODE (GA DPH)	GSM SITE SPECIFIC NOTES
CATAULA	2-15%	>72	0-35 PWT	90 ATU	40-50 GRAVEL	O	GSM1
CECIL	2-15%	>72	>72	60	24-36	A	
HELENA	2-15%	>72	10-25	N/R	N/R	F	
PACOLET	2-15%	>72	>72	45	24-36	A	

Soil properties are based on guidelines established in CT-1 Table of GA DHR Manual for On-site Sewage Management and actual site conditions. N/R = Not Recommended

NOTES: SHWT : Seasonal High Water Table (verified by direct measurement of soil properties).
 Actual depth to SHWT could be closer to the soil surface for brief periods during wet weather.
 PWT : Perched Water Table

THIS REPORT IS NULL AND VOID IF AREA IS CUT OR FILLED AFTER THE DATE OF THIS EVALUATION.
 All information provided in SOIL PROPERTIES INTERPRETATION CHART is based on full length systems with equal distribution of wastewater.

1
 PARCEL 86A-1-01
 BARBARA STOREY
 STANLEY J. STOREY
 2911 NORTH TOWER WAY
 CONYERS GA 30012
 DB.1632 PG.3



DEVELOPER
 COMPANY: ROCKDALE COUNTY BOC
 ADDRESS: P.O. BOX 289
 CONYERS, GA 30012
 PHONE: 770-278-7288
 FAX: -
 CONTACT: ANDREW HAMMER
 EMAIL: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV

CONTRACTOR
 COMPANY: TBD
 ADDRESS: -
 CONTACT: -
 PHONE: -
 EMAIL: -

SURVEYOR
 COMPANY: PATRICK & ASSOCIATES, INC.
 ADDRESS: 828 BLACK LAWN RD
 CONYERS, GA 30094
 PHONE: 770.493.9745
 CONTACT: JAMES S. HULL, JR.

SITE DESIGNER
 COMPANY: GEORGIA CIVIL, INC.
 ADDRESS: P.O. BOX 896
 MADISON, GA 30650
 PHONE: 706.342.1104

JASON P. BROWN
 LEVEL II CERTIFIED
 DESIGN PROFESSIONAL

#53274 - EXP. 05.01.2023

24-HOUR CONTACT
 ANDREW HAMMER
 770-278-7268

GEORGIA811
 www.Georgia811.com
 Contact 811 before you dig

Utilities/Services shown are for Contractors' convenience. Items are shown schematically and neither the site design professional nor the contractor are responsible for variations in their actual location. This plan may not show and/or may incorrectly show utilities located on site. Contractor shall be responsible to secure and use the services of a private utility locator firm during the entire course of work and shall pay for said services. Contractor shall locate utilities prior to any excavation (including field verification) and depth of utilities that are to be saved and protected. Contractor shall verify the site design professional of any utility conflicts prior to installation of new utilities, grading, etc. The Contractor at their expense, shall be responsible to repair, replace and/or relocate, as necessary, any utilities damaged, whether shown or not. Agreement, relocation, etc. of utilities shall be coordinated with the respective utility company.

DRAWING DATE: 07.19.22
 DRAWN BY: MSF
 CHECKED BY: JPB

REVISIONS

DATE:	DESCRIPTION:
10.21.22	COUNTY COMMENTS

© Copyright 2022 georgia civil, inc.
 This document and its reproduction are the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.

SEPTIC SYSTEM SITE PLAN

Sheet Number
C-5.1

REQUIRED INSPECTIONS AND RECORD KEEPING BY THE PRIMARY PERMITTEE:

- NPDES Permit Part IV.D.4. Inspections.
a. Permit Requirements
(1) Each day when any type of construction activity has taken place at a primary permittee's site...

ANALYTICAL METHODS TO BE USED TO COLLECT AND ANALYZE SAMPLES:

- NPDES Permit Part IV.D.6. Sampling Requirements.
This permit requires the monitoring of nephelometric turbidity in receiving water(s) or outfalls in accordance with this permit.
a. Sampling Requirements shall include the following:
(1) A USGS topographic map...

NPDES Permit Part IV.E. Reporting:

- 1. The applicable permittees are required to submit a summary of the monitoring results to the EPD at the address shown in Part III.C.
2. All written correspondence required by this permit shall be submitted by return receipt certified mail (or similar service) to the appropriate District Office of the EPD...

RETENTION OF RECORDS:

- 1. The primary permittee shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted in accordance with Part IV.F.
a. A copy of all Notices of Intent submitted to EPD.

INITIAL INSPECTION AND REPORTING:

For common developments that begin construction activity after the effective date of this permit, the primary permittee must retain the design professional who prepared the Erosion, Sedimentation and Pollution Control Plan...

MINIMUM QUALIFICATIONS OF INSPECTORS:

"Design Professional" means a professional licensed by the state of GA in the field of: engineering, architecture, landscape architecture, forestry, geology, or land surveying...

EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN CHECKLIST

Project Name: ROCKDALE COUNTY FIRE STATION #10 Address: 3100 NE HIGHWAY 138, CONYERS, GA 30012
City/County: ROCKDALE COUNTY Date on Plans: 07/19/22
Name & email of person filling out checklist: MURAH FIVEY@georgiacivil.com

Table with 2 columns: Item # and Description. Contains 35 checklist items related to erosion, sedimentation, and pollution control plan requirements.

NPDES GENERAL PERMIT NO. GAR10001 - APPENDIX B RATIONALE:

THE DISTURBED ACREAGE ON THE SITE IS 4.10 ACRES WITH A SURFACE WATER DRAINAGE AREA BETWEEN 0 AND 4.99 SQUARE MILES. THIS AN NTU VALUE OF 75 SHALL BE APPLIED. ONE SAMPLING POINT(S) IS SHOWN ON THE SITE.

Nephelometric Turbidity Unit (NTU) TABLE
Warm Water (Supporting Warm Water Fisheries)
Surface Water Drainage Area, square miles

Table with 2 columns: Item # and Description. Contains 51 checklist items related to NPDES permit requirements for turbidity and other water quality parameters.

Effective January 1, 2022

georgia civil CIVIL ENGINEERING LANDSCAPE ARCHITECTURE LAND SURVEYING
3111 N. Main St., Ste. 101, Unit C P.O. Box 896 | Madison, GA 30650



Project Information

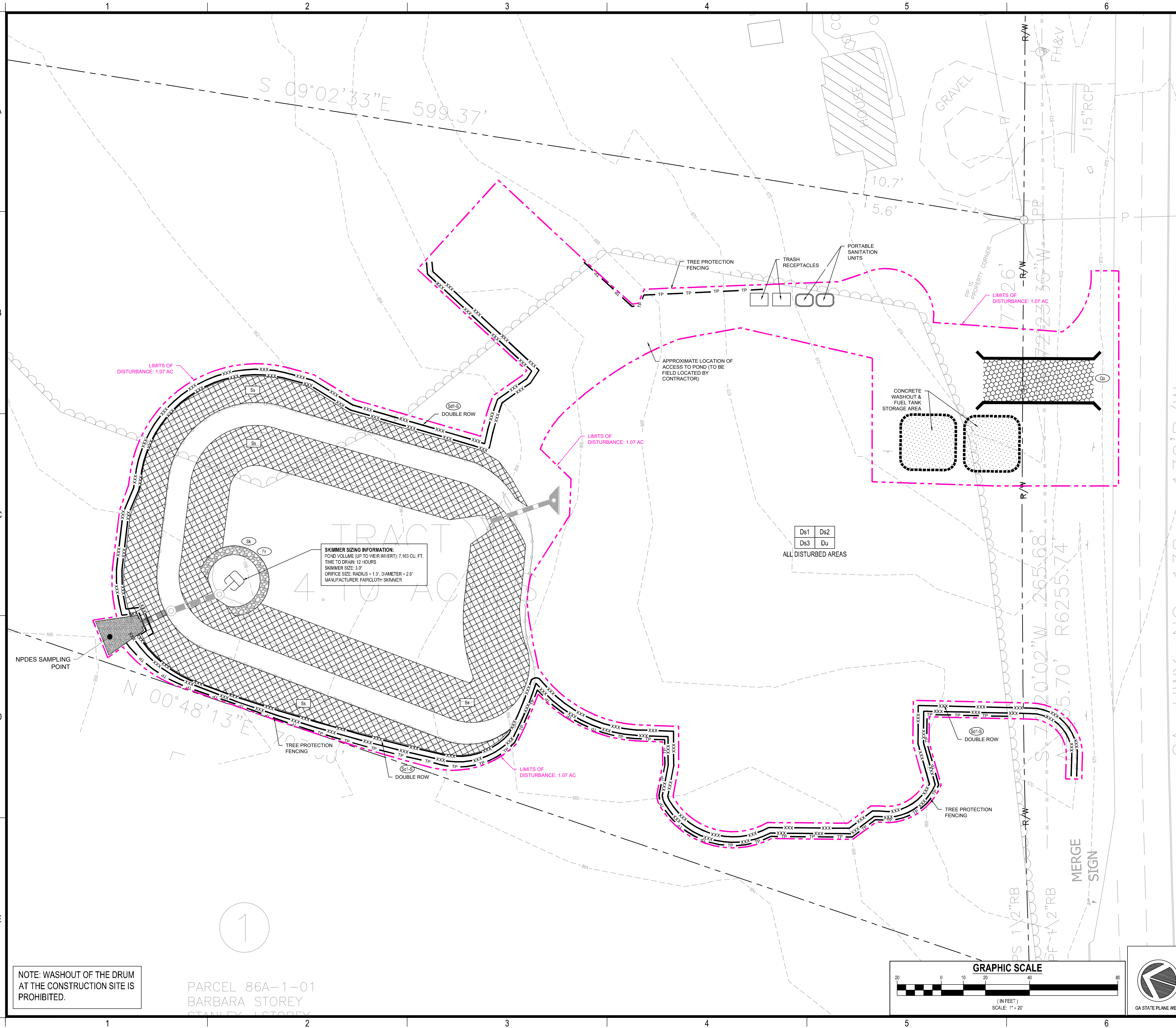
ROCKDALE COUNTY FIRE STATION #10
3100 NE HIGHWAY 138 CONYERS, GA 30012
ZONING: WP-WATERSHED PROTECTION DISTRICT

DRAWING DATE: 07.19.22
DRAWN BY: MSF
CHECKED BY: JPB
REVISIONS:
DATE: 10.21.22 DESCRIPTION: COUNTY COMMENTS

Copyright 2022 georgia civil, inc. This document is the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.

EROSION, SEDIMENTATION, & POLLUTION CONTROL NOTES

Sheet Number C-6.2



GEORGIA UNIFORM CODING SYSTEM SOIL EROSION & SEDIMENT CONTROL					
STRUCTURAL PRACTICES					
Code	Practice	Symbol	Code	Practice	Symbol
S41-S	Compost Filter Sock	[Symbol]	S42-S	Inlet Sediment Trap (Gravel Drop Inlet Protection)	[Symbol]
S41-P	Straw-Bale Check Dams	[Symbol]	S42-P	Inlet Sediment Trap (Curb Inlet Protection)	[Symbol]
S41-S	Stone Check Dams	[Symbol]	S42-S	Inlet Sediment Trap (Soil Inlet Protection)	[Symbol]
Ch-1	Channel Stabilization (Vegetative/Soil)	[Symbol]	S43	Temporary Sediment Basin	[Symbol]
Ch-2	Channel Stabilization (Vegetative/Soil) - Rip-Rap, Trillium	[Symbol]	S44	Temporary Sediment Trap	[Symbol]
Ch-3	Channel Stabilization - Concrete	[Symbol]	Sk	Floating Filter Sediment Separator	[Symbol]
Co	Construction Exit	[Symbol]	SjB	Seep Berm	[Symbol]
C	Construction Road Stabilization	[Symbol]	St-B	Temporary Stream Crossing (Bridge)	[Symbol]
DCA	Stream Diversion Channel (Concrete/Stone)	[Symbol]	St-C	Temporary Stream Crossing (Culvert)	[Symbol]
D-CB	Stream Diversion Channel (Concrete/Stone)	[Symbol]	St	Storm Drain Outlet Protection	[Symbol]
D-C	Stream Diversion Channel (Class 1 Rip-Rap and Concrete)	[Symbol]	Su	Surface Roughening	[Symbol]
Di	Diversion	[Symbol]	Tc-F	Turbidity Curtain (Floating)	[Symbol]
Dn1	Temporary Downstream Structure	[Symbol]	Tc-S	Turbidity Curtain (Structural)	[Symbol]
Dn2	Permanent Downstream Structure	[Symbol]	Tp	Topping	[Symbol]
Fi	Filter Ring	[Symbol]	Vt	Vegetated Minorway or Stormwater Conveyance Channel	[Symbol]
Ga	Gabion	[Symbol]	VEGETATIVE MEASURES		
Gr	Grade Stabilization Structure	[Symbol]	Bf	Buffer Zone	[Symbol]
Lv	Level Spreader	[Symbol]	Cs	Coastal Dune Stabilization (w/ Vegetation)	[Symbol]
Ra	Rock Filter Dam	[Symbol]	Dd1	Disturbed Area Stabilization (w/ Mulching Only)	[Symbol]
Ra	Retaining Wall	[Symbol]	Dd2	Disturbed Area Stabilization (w/ Temporary Seeding)	[Symbol]
Rd	Rollout (Skid Steer Dam w/ Stone or Filter Fabric)	[Symbol]	Dd3	Disturbed Area Stabilization (w/ Permanent Vegetation)	[Symbol]
Rd-P	Rollout (Perforated Inlet Round Pipe w/ Stone Filter)	[Symbol]	Dd4	Disturbed Area Stabilization (w/ Seeding)	[Symbol]
Rd-Su	Rollout (Synthetic Filter)	[Symbol]	Du	Dust Control on Disturbed Areas	[Symbol]
Sd1-SB	Sediment Barrier (Type I - Struth Sandbags)	[Symbol]	Ft-Co	Flocculants Coagulants	[Symbol]
Sd1-NS	Sediment Barrier (Type II - Non-Sandbags)	[Symbol]	Sb	Streambank Stabilization (Using Permanent Vegetation)	[Symbol]
Sd1-S	Sediment Barrier (Type III - Synthetic Areas)	[Symbol]	Ss	Slope Stabilization (Using Erosion Control Products (RECPs))	[Symbol]
Sd1-Co	Sediment Barrier (Type IV - Compost Filter Media Sock)	[Symbol]	Tac-1	Tackifiers - Type I (Synthetic Polymers)	[Symbol]
Sd2-B	Inlet Sediment Trap (Baffle Box)	[Symbol]	Tac-2	Tackifiers - Type II (Organic Polymers)	[Symbol]
Sd2-Bb	Inlet Sediment Trap (Block & Gravel)	[Symbol]	Tac-3	Tackifiers - Type III (Synthetic Fibers)	[Symbol]
Sd2-E	Inlet Sediment Trap (Erosion Control Mat)	[Symbol]	Tac-4	Tackifiers - Type IV (Synthetic Fibers)	[Symbol]
Sd2-S	Inlet Sediment Trap (Supporting Frame)	[Symbol]	Tac-5	Tackifiers - Type V (Synthetic Fibers)	[Symbol]

SKIMMER SIZING INFORMATION:
 POND VOLUME (UP TO WEIR INVERT): 7,163 CU. FT.
 TIME TO DRAIN: 12 HOURS
 SKIMMER SIZE: 3.0'
 ORIFICE SIZE: RADIUS = 1.3', DIAMETER = 2.6'
 MANUFACTURER: FAIRCLOTH SKIMMER

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.

REFER TO SHEET C-1.1 AND C-6.1 FOR EROSION, SEDIMENTATION, AND POLLUTION CONTROL NOTES

GSWCC EROSION CONTROL NOTES:
 The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities.
 Erosion 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.
 Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding.
 Any amendments to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional.

DEVELOPER
 COMPANY: ROCKDALE COUNTY/BOC
 ADDRESS: P.O. BOX 289
 CONYERS, GA 30012
 PHONE: 770-278-7288
 FAX: -
 CONTACT: ANDREW HAMMER
 EMAIL: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV

JASON P. BROWN
 LEVEL II CERTIFIED DESIGN PROFESSIONAL
 #53274 - EXP. 05.01.2023

CONTRACTOR
 COMPANY: TBD
 ADDRESS: -
 CONTACT: -
 PHONE: -
 EMAIL: -

24-HOUR CONTACT ANDREW HAMMER
 770-278-7268

SURVEYOR
 COMPANY: PATRICK & ASSOCIATES, INC.
 ADDRESS: 928 BLACK LAWN RD
 CONYERS, GA 30094
 PHONE: 770-463-3745
 CONTACT: JAMES S. HULL, JR.

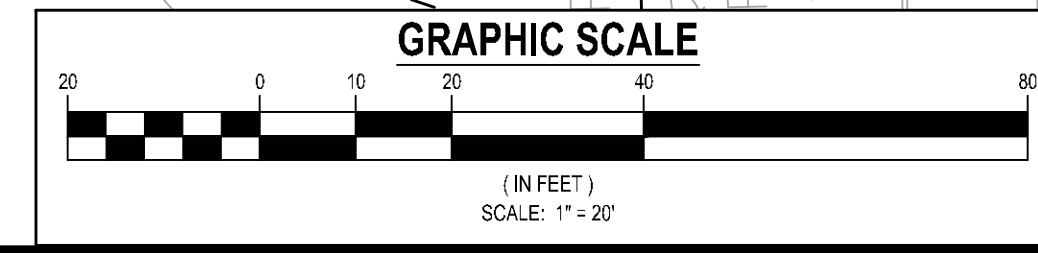
GEORGIA811
 www.Georgia811.com
 Contact 811 before you dig

SITE DESIGNER
 COMPANY: GEORGIA CIVIL, INC.
 ADDRESS: P.O. BOX 895
 MADISON, GA 30650
 PHONE: 706.342.1104

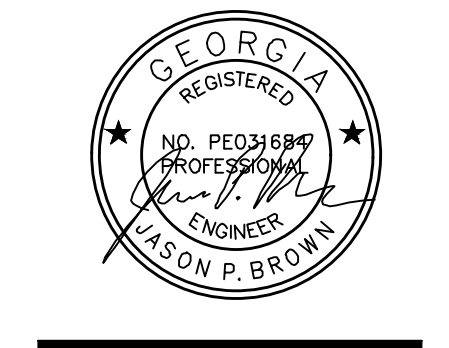
Utilities shown are for Contractor's convenience. Bases are shown schematically and neither the site design professional nor the owner assumes any responsibility for utilities in their actual location. This plan may not show and/or may incorrectly show utilities located on site. Contractor shall be responsible to locate and use the services of a public utility locator firm during the entire course of work and shall pay for such services. Contractor shall locate utilities prior to any disturbance including lead venting location and depth of utilities that are to be saved and protected. Contractor shall verify the design professional of any utility conflicts prior to installation of new utilities, grading, etc. The Contractor, at their expense, shall be responsible to repair, replace and/or relocate, as necessary, any utilities damaged, whether shown or not. Agreement, relocation, etc. of utilities shall be coordinated with the respective utility company.

NOTE: WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.

PARCEL 86A-1-01
 BARBARA STOREY
 STANLEY STOREY



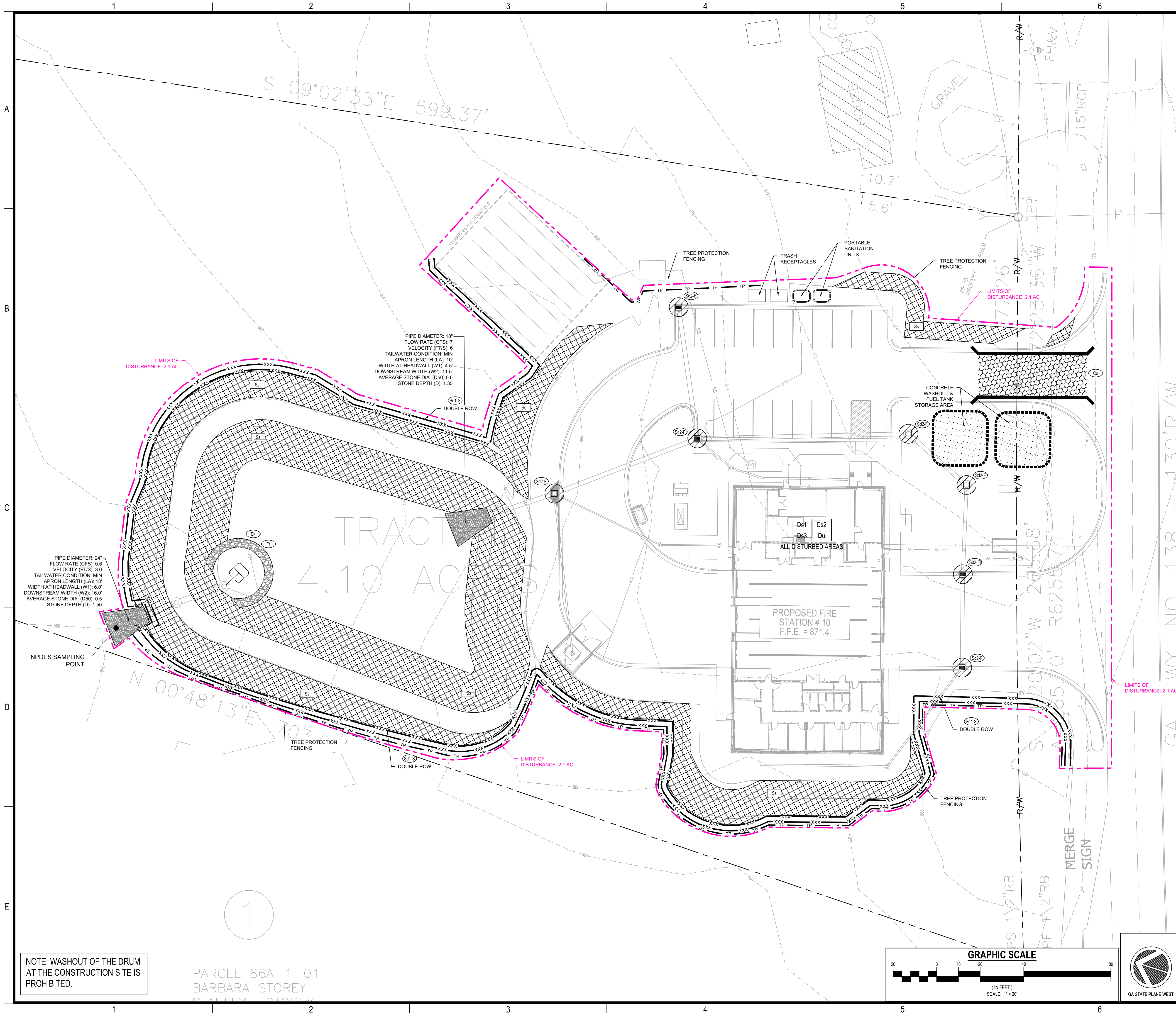
georgia civil
 CIVIL ENGINEERING
 LANDSCAPE ARCHITECTURE
 LAND SURVEYING
 311 N. Main St., Ste. 101, Unit C
 P.O. Box 896 | Madison, GA 30650
 P: 706.342.1104 | F: 706.342.1105
 www.georgiacivil.com
 Professional Seal



ROCKDALE COUNTY FIRE STATION #10
 3100 NE HIGHWAY 138
 CONYERS, GA 30012
 ZONING: WP-WATERSHED PROTECTION DISTRICT

DRAWING DATE:	07.19.22
DRAWN BY:	MSF
CHECKED BY:	JPB
REVISIONS	
DATE:	DESCRIPTION:
10.21.22	COUNTY COMMENTS

© Copyright 2022 georgia civil, inc.
 This document and its reproduction are the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.
 Sheet Title
 PH I EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN
 Sheet Number
C-6.3



GEORGIA UNIFORM CODING SYSTEM SOIL EROSION & SEDIMENT CONTROL					
STRUCTURAL PRACTICES					
Code	Practice	Symbol	Code	Practice	Symbol
S2-1	Compost Filter Sock	[Symbol]	S2-2	Inlet Sediment Trap (Gravel Drop Inlet Protection)	[Symbol]
S2-3	Straw-Bale Check Dams	[Symbol]	S2-4	Inlet Sediment Trap (Curb Inlet Protection)	[Symbol]
S2-5	Stone Check Dams	[Symbol]	S2-6	Inlet Sediment Trap (Soil Inlet Protection)	[Symbol]
Ch-1	Channel Stabilization (Vegetative/Soc)	[Symbol]	S2-7	Temporary Sediment Basin	[Symbol]
Ch-2	Channel Stabilization (Vegetative/Soc)	[Symbol]	S2-8	Temporary Sediment Trap	[Symbol]
Ch-3	Channel Stabilization (Concrete)	[Symbol]	S2-9	Floating Filter Sediment Separator	[Symbol]
Co	Construction Exit	[Symbol]	S2-10	Seep Berm	[Symbol]
C	Construction Road Stabilization	[Symbol]	S2-11	Temporary Stream Crossing (Bridge)	[Symbol]
DCA	Stream Diversion Channel (Concrete/Stone)	[Symbol]	S2-12	Temporary Stream Crossing (Culvert)	[Symbol]
D-CB	Stream Diversion Channel (Concrete/Stone)	[Symbol]	S2-13	Storm Drain Outlet Protection	[Symbol]
D-C	Stream Diversion Channel (Class 1 Rip-Rap and Concrete)	[Symbol]	S2-14	Surface Roughening	[Symbol]
Di	Diversion	[Symbol]	S2-15	Turbidity Curtain (Floating)	[Symbol]
Dn1	Temporary Diversion Structure	[Symbol]	S2-16	Turbidity Curtain (Subsoil)	[Symbol]
Dn2	Permanent Diversion Structure	[Symbol]	S2-17	Topping	[Symbol]
Fi	Fiber Ring	[Symbol]	S2-18	Vegetated Mowway or Stormwater Conveyance Channel	[Symbol]
Gi	Gabion	[Symbol]	VEGETATIVE MEASURES		
G	Grade Stabilization Structure	[Symbol]	Bf	Buffer Zone	[Symbol]
Lv	Level Spreader	[Symbol]	Cs	Coastal Dune Stabilization (w/ Vegetation)	[Symbol]
Ra	Rock Filter	[Symbol]	Dd1	Disturbed Area Stabilization (w/ Mulching Only)	[Symbol]
Re	Retaining Wall	[Symbol]	Dd2	Disturbed Area Stabilization (w/ Temporary Seeding)	[Symbol]
Rd	Rollout (Siltation Dam w/ Stone or Filter Fabric)	[Symbol]	Dd3	Disturbed Area Stabilization (Permanent Vegetation)	[Symbol]
RdP	Rollout (Perforated Round Pipe w/ Stone Filter)	[Symbol]	Dd4	Disturbed Area Stabilization (w/ Seeding)	[Symbol]
RdS	Rollout (SR Concrete Gate)	[Symbol]	Du	Dust Control on Disturbed Areas	[Symbol]
S2-19	Sediment Barrier (Type I - Struth Barrier)	[Symbol]	Fi-Co	Fibers/Coagulants	[Symbol]
S2-20	Sediment Barrier (Type II - Synthetic Fibers)	[Symbol]	Sb	Streambank Stabilization (Using Permanent Vegetation)	[Symbol]
S2-21	Sediment Barrier (Type III - Synthetic Fibers)	[Symbol]	Ss	Slope Stabilization (Synthetic Erosion Control Products (RECPs))	[Symbol]
S2-22	Sediment Barrier (Type IV - Synthetic Fibers)	[Symbol]	Tac-1	Tackifiers, Type I (Synthetic Polymers)	[Symbol]
S2-23	Sediment Barrier (Type V - Synthetic Fibers)	[Symbol]	Tac-2	Tackifiers, Type II (Organic Polymers)	[Symbol]
S2-24	Inlet Sediment Trap (Block & Gravel Drop Inlet Protection)	[Symbol]	Tac-3	Tackifiers, Type III (Synthetic Polymers)	[Symbol]
S2-25	Inlet Sediment Trap (Block & Gravel Drop Inlet Protection)	[Symbol]	Tac-4	Tackifiers, Type IV (Synthetic Polymers)	[Symbol]
S2-26	Inlet Sediment Trap (Block & Gravel Drop Inlet Protection)	[Symbol]	Tac-5	Tackifiers, Type V (Synthetic Polymers)	[Symbol]
S2-27	Inlet Sediment Trap (Block & Gravel Drop Inlet Protection)	[Symbol]			

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.

GSWCC EROSION CONTROL NOTES:
The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities.
Erosion 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.
Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding.
Any amendments to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional.

REFER TO SHEET C-1.1 AND C-6.1 FOR EROSION, SEDIMENTATION, AND POLLUTION CONTROL NOTES

DEVELOPER
COMPANY: ROCKDALE COUNTY/BOC
ADDRESS: P.O. BOX 289
CONYERS, GA 30012
PHONE: 770-278-7288
FAX: -
CONTACT: ANDREW HAMMER
EMAIL: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV

JASON P. BROWN
LEVEL II CERTIFIED DESIGN PROFESSIONAL
#53274 - EXP. 05.01.2023

24-HOUR CONTACT
ANDREW HAMMER
770-278-7268

CONTRACTOR
COMPANY: TBD
ADDRESS: -
CONTACT: -
PHONE: -
EMAIL: -

SURVEYOR
COMPANY: PATRICK & ASSOCIATES, INC.
ADDRESS: 928 BLACK LAWN RD
CONYERS, GA 30094
PHONE: 770-863-3745
CONTACT: JAMES S. HULL, JR.

SITE DESIGNER
COMPANY: GEORGIA CIVIL, INC.
ADDRESS: P.O. BOX 896
MADISON, GA 30650
PHONE: 706.342.1104

GEORGIA811
www.Georgia811.com
Contact 811 before you dig

Utilities shown are for Contractor's convenience. Bases are shown schematically and neither the site design professional nor the owner assumes any responsibility for utilities in their actual location. This plan may not show and/or may incorrectly show utilities located on site. Contractor shall be responsible to locate and use the services of a public utility locator firm during the entire course of work and shall pay for such services. Contractor shall locate utilities prior to any disturbance including lead venting location and depth of utilities that are to be sealed and protected. Contractor shall verify the design professional of any utility certificates prior to installation of new utilities, grading, etc. The Contractor, at their expense, shall be responsible to repair, replace and/or relocate, as necessary, any utilities damaged, whether shown or not. Agreement, relocation, etc. of utilities shall be coordinated with the responsible utility company.

georgia civil
CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
LAND SURVEYING

311 N. Main St., Ste. 101, Unit C
P.O. Box 896 | Madison, GA 30650
P: 706.342.1104 | F: 706.342.1105
www.georgiacivil.com

Professional Seal

ROCKDALE COUNTY FIRE STATION #10
3100 NE HIGHWAY 138
CONYERS, GA 30012
ZONING: WP-WATERSHED PROTECTION DISTRICT

DRAWING DATE: 07.19.22
DRAWN BY: MSF
CHECKED BY: JPB

REVISIONS
DATE: 10.21.22 DESCRIPTION: COUNTY COMMENTS

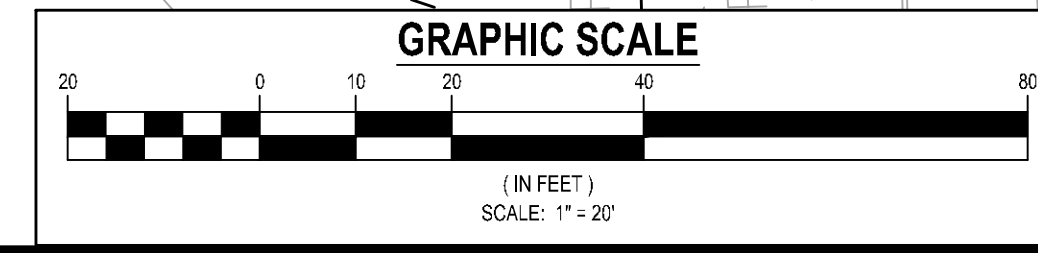
© Copyright 2022 georgia civil, inc.
This document and its reproduction are the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.

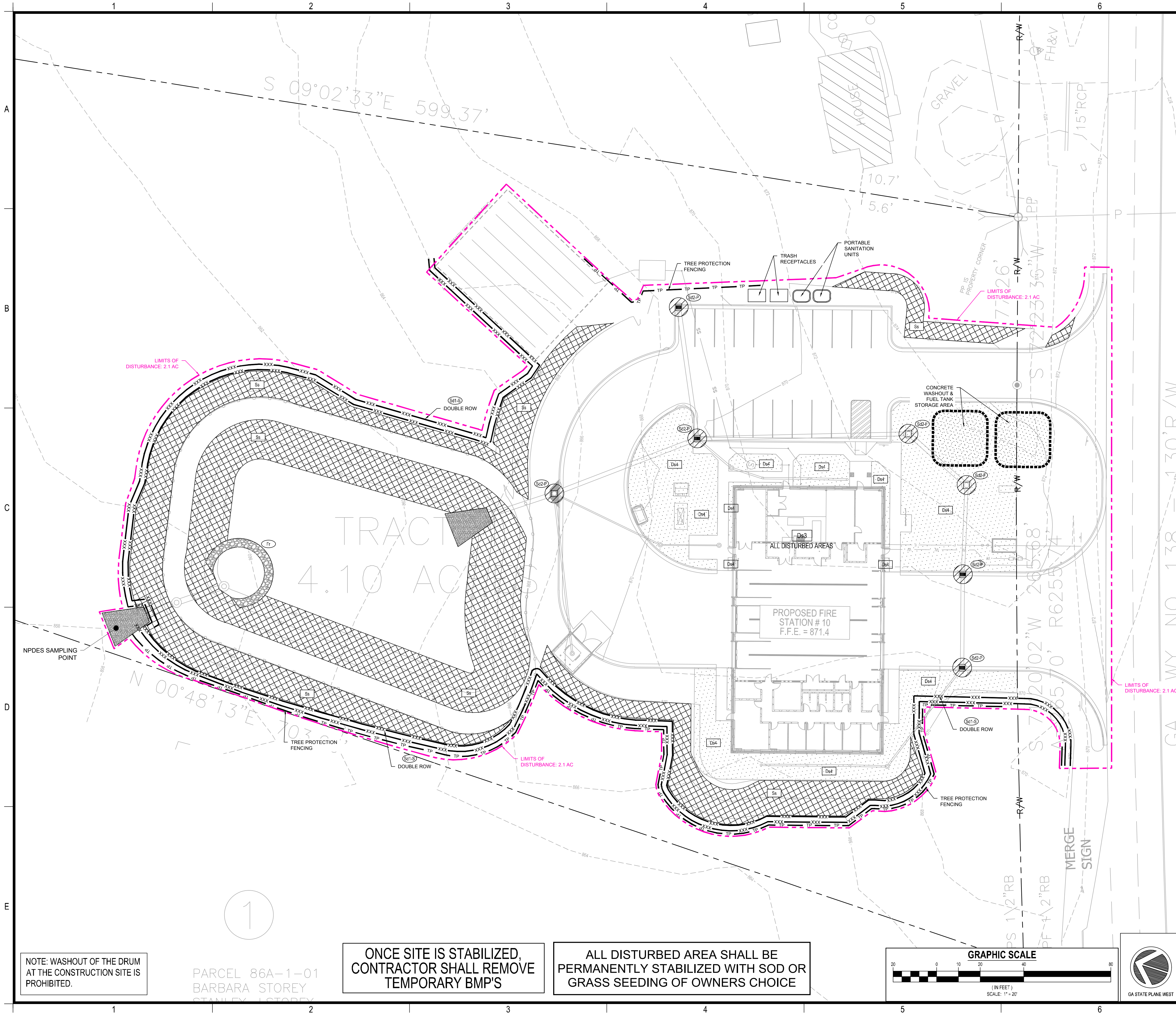
PH II EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN

Sheet Number
C-6.4

NOTE: WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.

PARCEL 86A-1-01
BARBARA STOREY
STANLEY STOREY





GEORGIA UNIFORM CODING SYSTEM SOIL EROSION & SEDIMENT CONTROL				
STRUCTURAL PRACTICES				
Code	Practice	Symbol	Code	Practice
S2-1	Compost Filter Sock	[Symbol]	S2-5	Inlet Sediment Trap (Gravel Drop Inlet Protection)
S2-2	Straw-Bale Check Dams	[Symbol]	S2-6	Inlet Sediment Trap (Curb Inlet Protection)
S2-3	Stone Check Dams	[Symbol]	S2-7	Inlet Sediment Trap (Soil Inlet Protection)
Ch-1	Channel Stabilization (Vegetation/Soil)	[Symbol]	S2-8	Temporary Sediment Basin
Ch-2	Channel Stabilization (Log-Rip-Rap, Trilog)	[Symbol]	S2-9	Temporary Sediment Trap
Ch-3	Channel Stabilization (Category 3 Concrete)	[Symbol]	S2-10	Floating Filter Sediment Separator
Co	Construction Exit	[Symbol]	S2-11	Seep Berm
C	Construction Road Stabilization	[Symbol]	S2-12	Temporary Stream Crossing (Bridge)
DCA	Stream Diversion Channel (Geotextile, Soil or Polyethylene Film)	[Symbol]	S2-13	Temporary Stream Crossing (Culvert)
D-CB	Stream Diversion Channel (Concrete/stone)	[Symbol]	S2-14	Storm Drain Outlet Protection
D-C	Stream Diversion Channel (Class 1 Rip-Rap and Concrete)	[Symbol]	S2-15	Surface Roughening
Di	Diversion	[Symbol]	S2-16	Turbidity Curtain (Floating)
Dn1	Temporary Downfall Structure	[Symbol]	S2-17	Turbidity Curtain (Subsoil)
Dn2	Permanent Downfall Structure	[Symbol]	S2-18	Topping
F	Fiber Ring	[Symbol]	S2-19	Vegetated Mowway or Stormwater Conveyance Channel
G	Gabion	[Symbol]	S2-20	Vegetated Mowway or Stormwater Conveyance Channel
Gr	Grass Stabilization Structure	[Symbol]	S2-21	Vegetated Mowway or Stormwater Conveyance Channel
Lv	Level Spreader	[Symbol]	S2-22	Vegetated Mowway or Stormwater Conveyance Channel
Ra	Rock Filter	[Symbol]	S2-23	Vegetated Mowway or Stormwater Conveyance Channel
Ra2	Reinforcing Wall	[Symbol]	S2-24	Vegetated Mowway or Stormwater Conveyance Channel
Ra4	Retrotill (Slotted Board Dam w/ Stone or Filter Fabric)	[Symbol]	S2-25	Vegetated Mowway or Stormwater Conveyance Channel
RaP	Retrotill (Parform) Half-Round Pipe w/ Stone Filter	[Symbol]	S2-26	Vegetated Mowway or Stormwater Conveyance Channel
RaSp	Retrotill (SP) (Disturbed Areas)	[Symbol]	S2-27	Vegetated Mowway or Stormwater Conveyance Channel
S2-1	Sediment Barrier (Type I - Struth Sandstone Areas)	[Symbol]	S2-28	Vegetated Mowway or Stormwater Conveyance Channel
S2-1B	Sediment Barrier (Type II - Non-Sandstone Areas)	[Symbol]	S2-29	Vegetated Mowway or Stormwater Conveyance Channel
S2-1S	Sediment Barrier (Type III - Synthetic Areas)	[Symbol]	S2-30	Vegetated Mowway or Stormwater Conveyance Channel
S2-1C	Sediment Barrier (Type IV - Composite Filter Media Sock)	[Symbol]	S2-31	Vegetated Mowway or Stormwater Conveyance Channel
S2-2	Inlet Sediment Trap (Baffle Box)	[Symbol]	S2-32	Vegetated Mowway or Stormwater Conveyance Channel
S2-2B	Inlet Sediment Trap (Block & Gravel)	[Symbol]	S2-33	Vegetated Mowway or Stormwater Conveyance Channel
S2-2P	Inlet Sediment Trap (Curb Inlet Protection)	[Symbol]	S2-34	Vegetated Mowway or Stormwater Conveyance Channel
S2-2C	Inlet Sediment Trap (Soil Inlet Protection)	[Symbol]	S2-35	Vegetated Mowway or Stormwater Conveyance Channel
S2-2S	Inlet Sediment Trap (Supporting Frame)	[Symbol]	S2-36	Vegetated Mowway or Stormwater Conveyance Channel

VEGETATIVE MEASURES				
Code	Practice	Symbol	Code	Practice
Bf	Buffer Zone	[Symbol]	Bf	Buffer Zone
Cs	Coastal Dune Stabilization (w/ Vegetation)	[Symbol]	Cs	Coastal Dune Stabilization (w/ Vegetation)
Ds1	Disturbed Area Stabilization (w/ Mulching/Drain)	[Symbol]	Ds1	Disturbed Area Stabilization (w/ Mulching/Drain)
Ds2	Disturbed Area Stabilization (w/ Temporary Seeding)	[Symbol]	Ds2	Disturbed Area Stabilization (w/ Temporary Seeding)
Ds3	Disturbed Area Stabilization (w/ Permanent Vegetation)	[Symbol]	Ds3	Disturbed Area Stabilization (w/ Permanent Vegetation)
Ds4	Disturbed Area Stabilization (w/ Seeding)	[Symbol]	Ds4	Disturbed Area Stabilization (w/ Seeding)
Du	Dust Control on Disturbed Areas	[Symbol]	Du	Dust Control on Disturbed Areas
FH-Co	Flocculants Coagulants	[Symbol]	FH-Co	Flocculants Coagulants
Sb	Streambank Stabilization (Using Permanent Vegetation)	[Symbol]	Sb	Streambank Stabilization (Using Permanent Vegetation)
Ss	Slope Stabilization (Using Erosion Control Products (RECPs))	[Symbol]	Ss	Slope Stabilization (Using Erosion Control Products (RECPs))
Tac-1	Tackifiers: Type I (Synthetic Polymers)	[Symbol]	Tac-1	Tackifiers: Type I (Synthetic Polymers)
Tac-2	Tackifiers: Type II (Organic Polymers)	[Symbol]	Tac-2	Tackifiers: Type II (Organic Polymers)
Tac-3	Tackifiers: Type III (Synthetic Fibers)	[Symbol]	Tac-3	Tackifiers: Type III (Synthetic Fibers)
Tac-4	Tackifiers: Type IV (Synthetic Fibers)	[Symbol]	Tac-4	Tackifiers: Type IV (Synthetic Fibers)
Tac-5	Tackifiers: Type V (Synthetic Fibers)	[Symbol]	Tac-5	Tackifiers: Type V (Synthetic Fibers)

REFER TO SHEET C-1.1 AND C-6.1 FOR EROSION, SEDIMENTATION, AND POLLUTION CONTROL NOTES

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.

GSWCC EROSION CONTROL NOTES:
The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities.
Erosion 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.
Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding.
Any amendments to the ESR&C Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional.

DEVELOPER
COMPANY: ROCKDALE COUNTY
ADDRESS: P.O. BOX 289
CONYERS, GA 30012
PHONE: 770-278-7268
FAX: -
CONTACT: ANDREW HAMMER
EMAIL: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV

JASON P. BROWN
LEVEL II CERTIFIED DESIGN PROFESSIONAL
#53274 - EXP. 05.01.2023

24-HOUR CONTACT
ANDREW HAMMER
770-278-7268

CONTRACTOR
COMPANY: TBD
ADDRESS: -
CONTACT: -
PHONE: -
EMAIL: -

SURVEYOR
COMPANY: PATRICK & ASSOCIATES, INC.
ADDRESS: 928 BLACK LAWN RD
CONYERS, GA 30094
PHONE: 770-863-3745
CONTACT: JAMES S. HULL, JR.

SITE DESIGNER
COMPANY: GEORGIA CIVIL, INC.
ADDRESS: P.O. BOX 896
MADISON, GA 30650
PHONE: 706.342.1104

GEORGIA811
www.Georgia811.com
Contact 811 before you dig

georgia civil
CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
LAND SURVEYING

3111 N. Main St., Ste. 101, Unit C
P.O. Box 896 | Madison, GA 30650
P: 706.342.1104 | F: 706.342.1105
www.georgiacivil.com

Professional Seal

GEORGIA REGISTERED PROFESSIONAL ENGINEER
JASON P. BROWN

ROCKDALE COUNTY FIRE STATION #10
3100 NE HIGHWAY 138
CONYERS, GA 30012
ZONING: WP-WATERSHED PROTECTION DISTRICT

DRAWING DATE: 07.19.22
DRAWN BY: MSF
CHECKED BY: JPB

REVISIONS

DATE	DESCRIPTION
10.21.22	COUNTY COMMENTS

© Copyright 2022 georgia civil, inc.
This document and its reproduction are the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.

PH III EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN

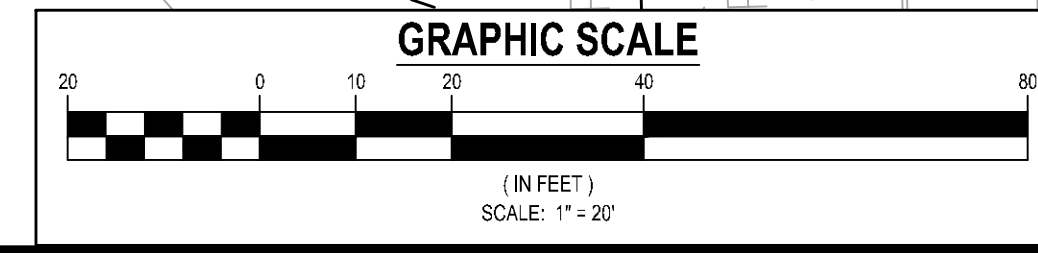
Sheet Number
C-6.5

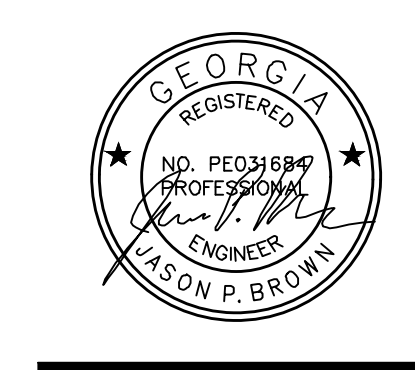
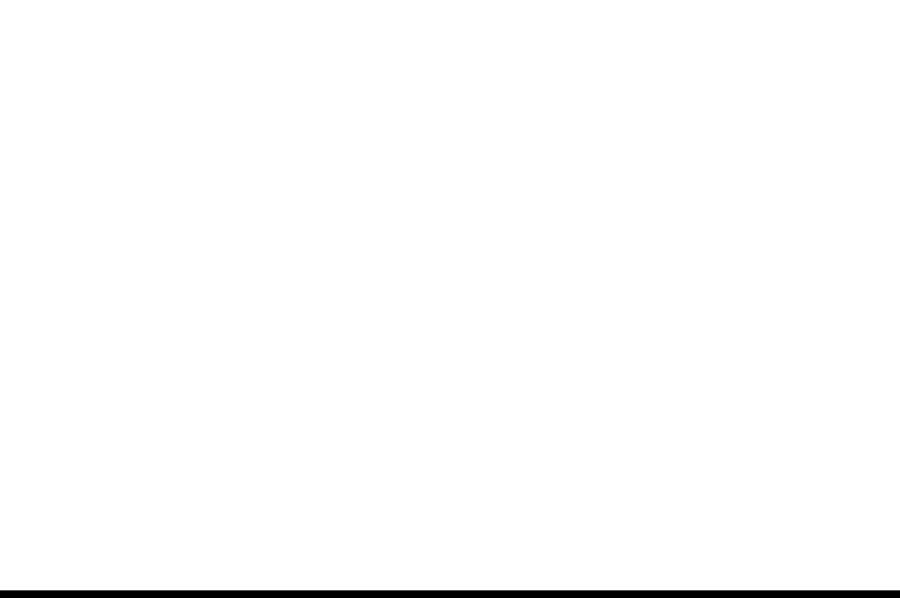
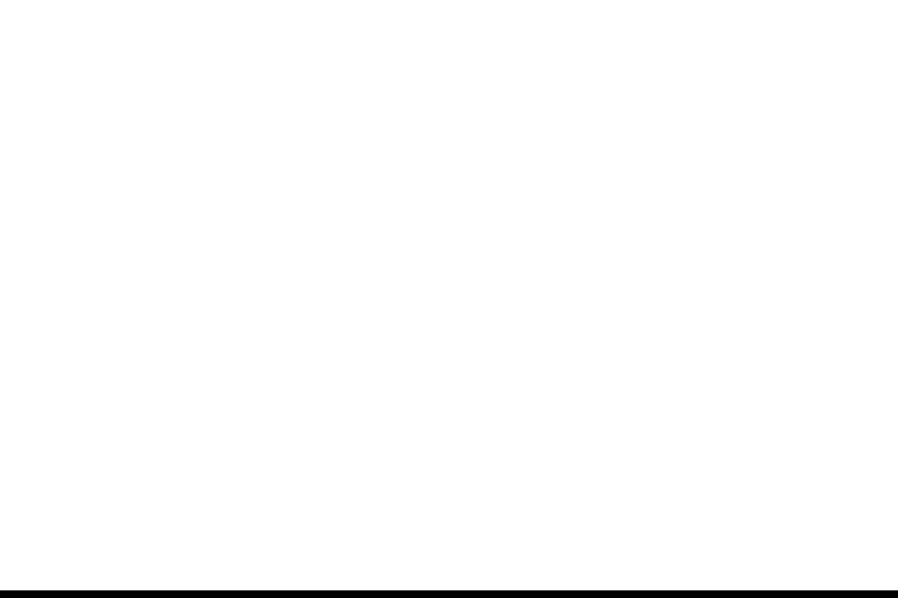
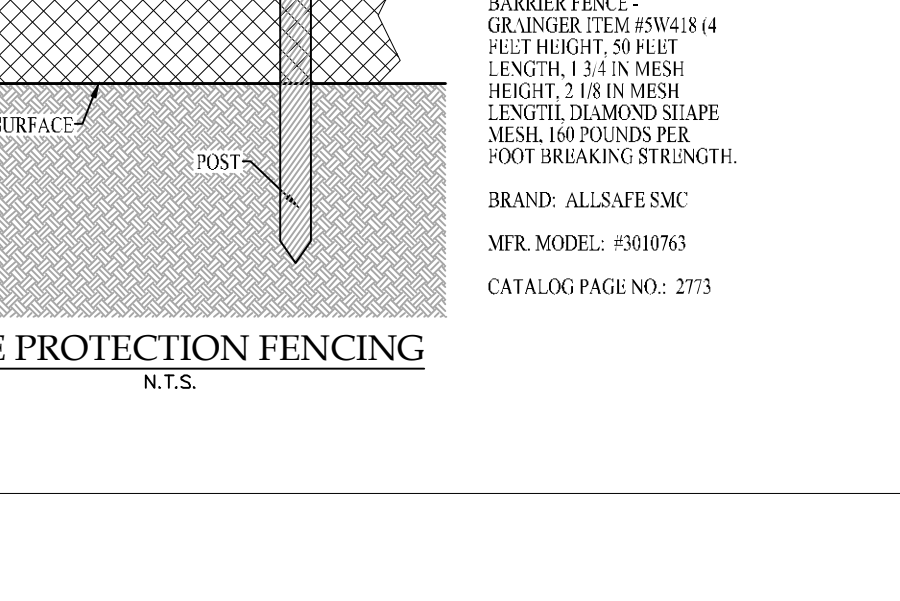
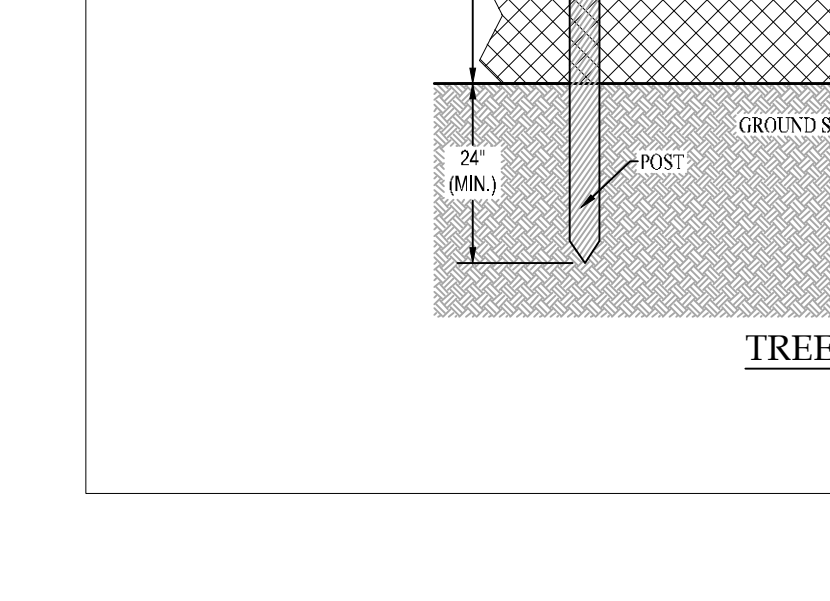
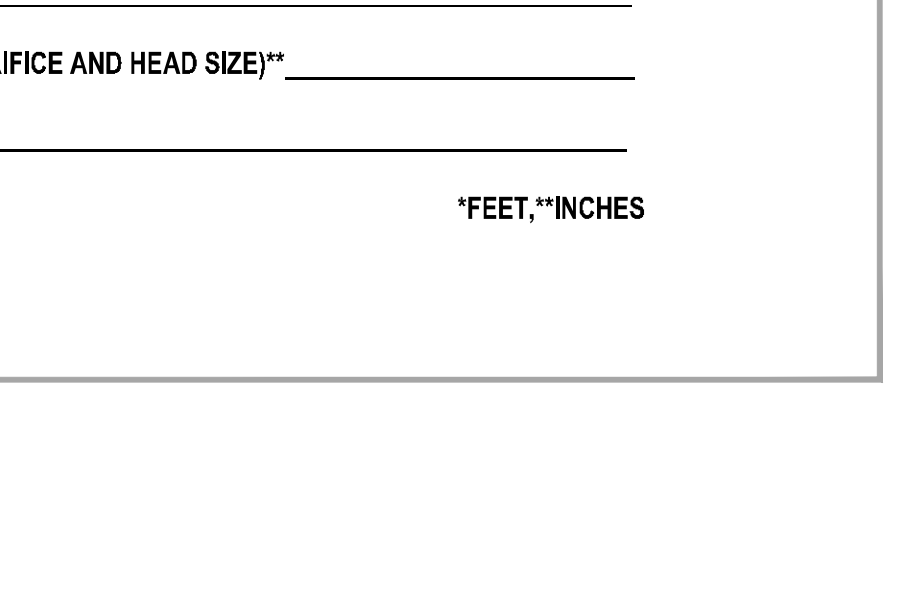
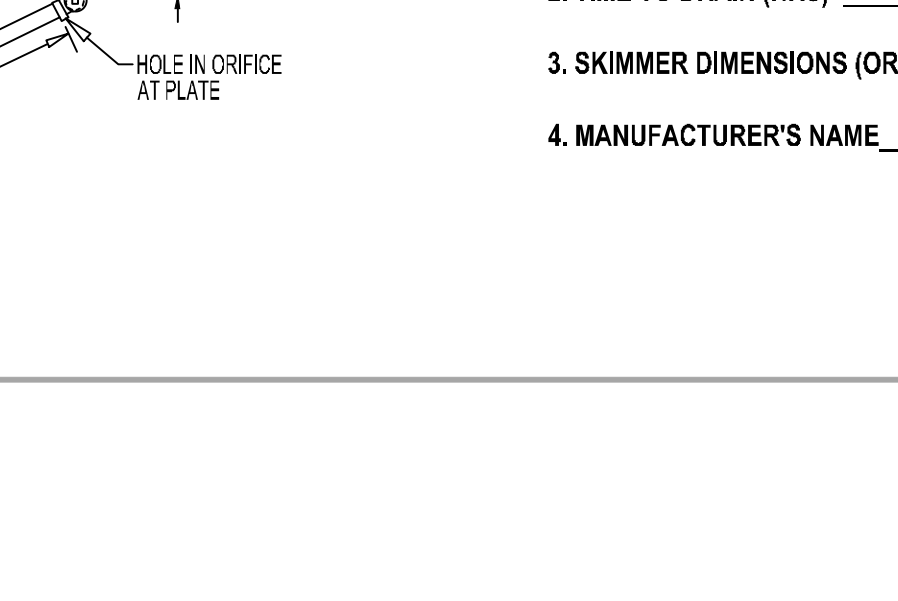
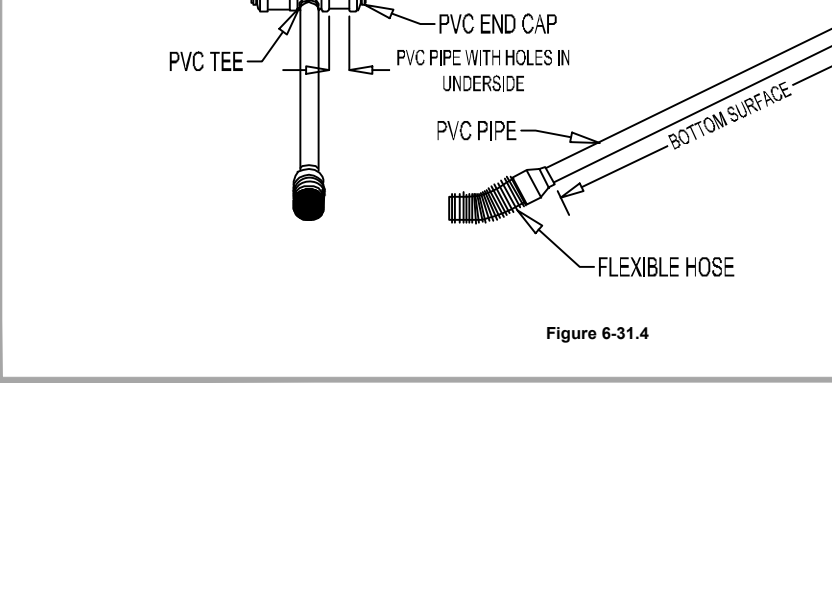
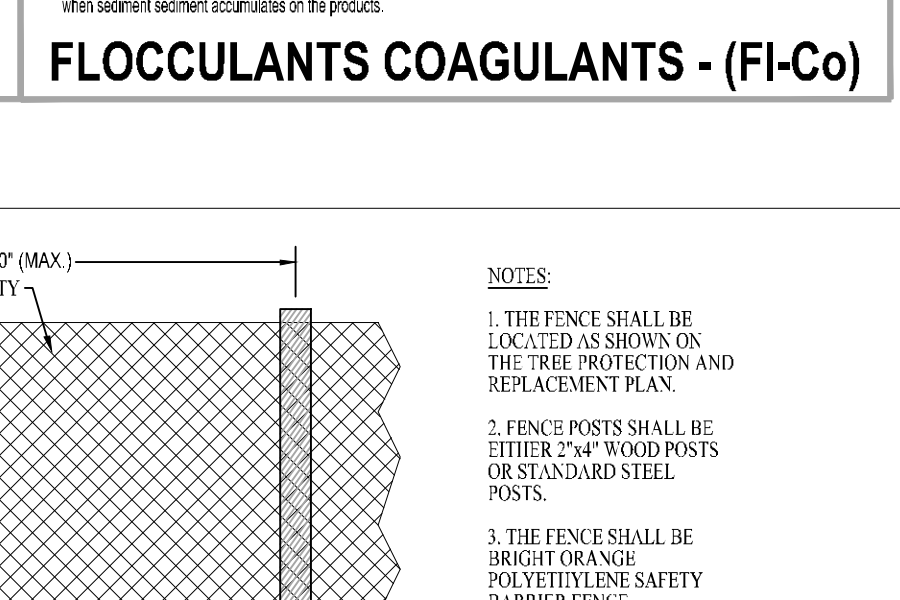
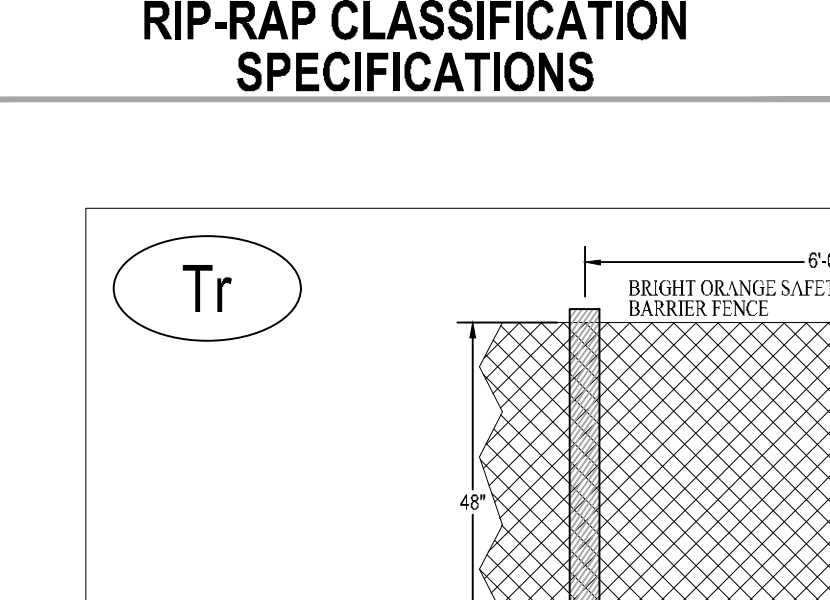
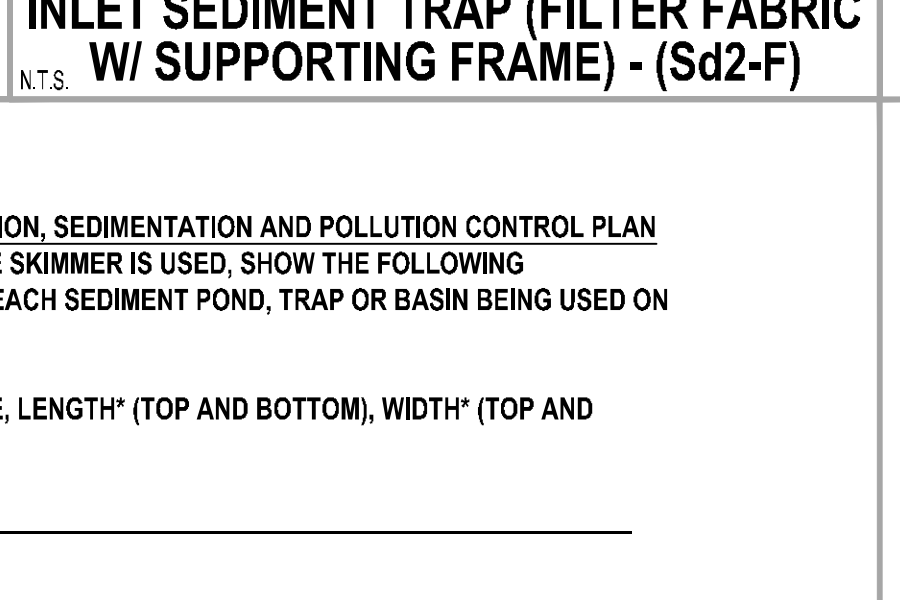
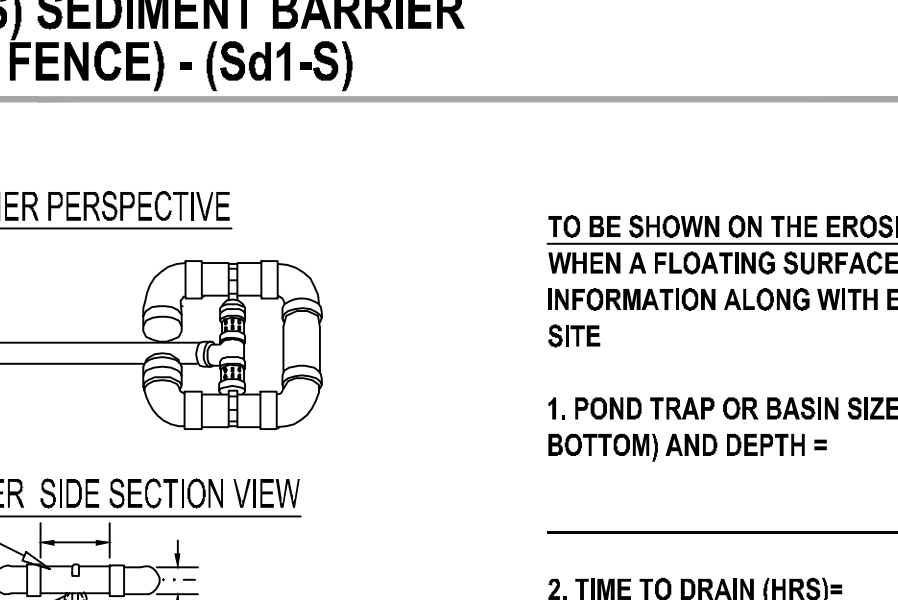
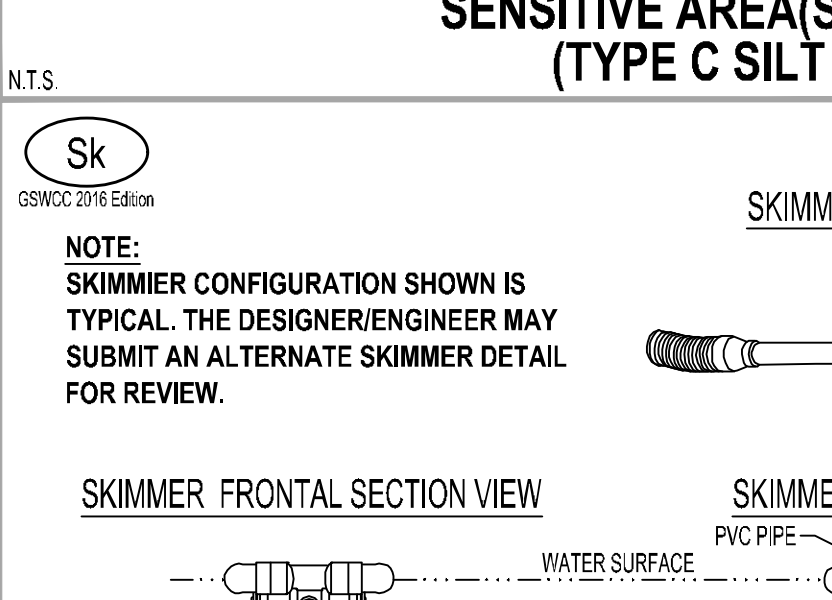
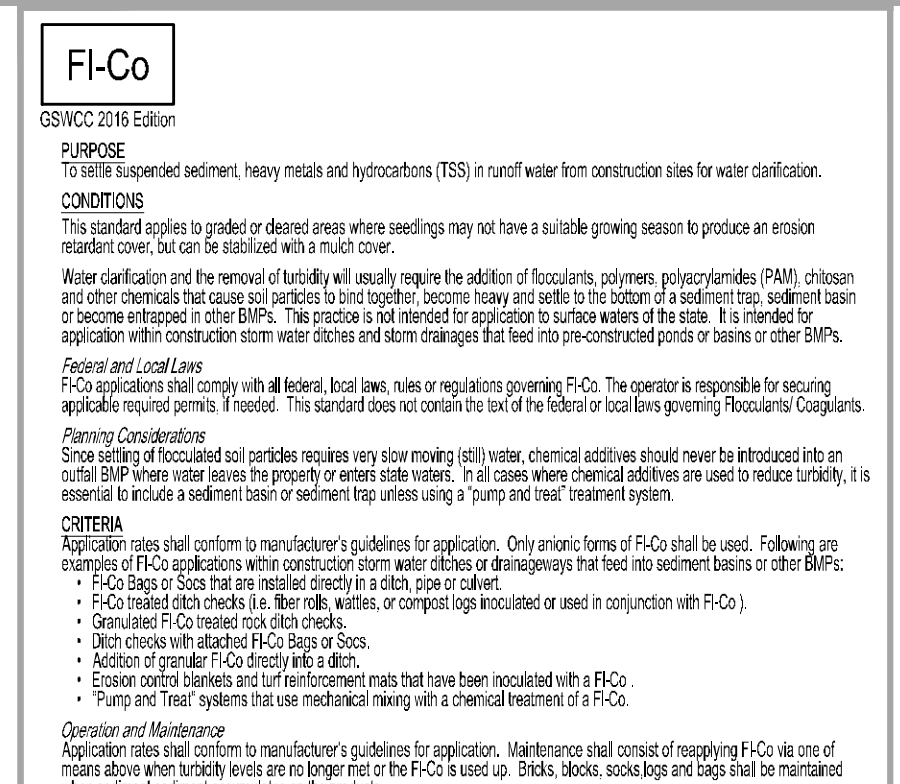
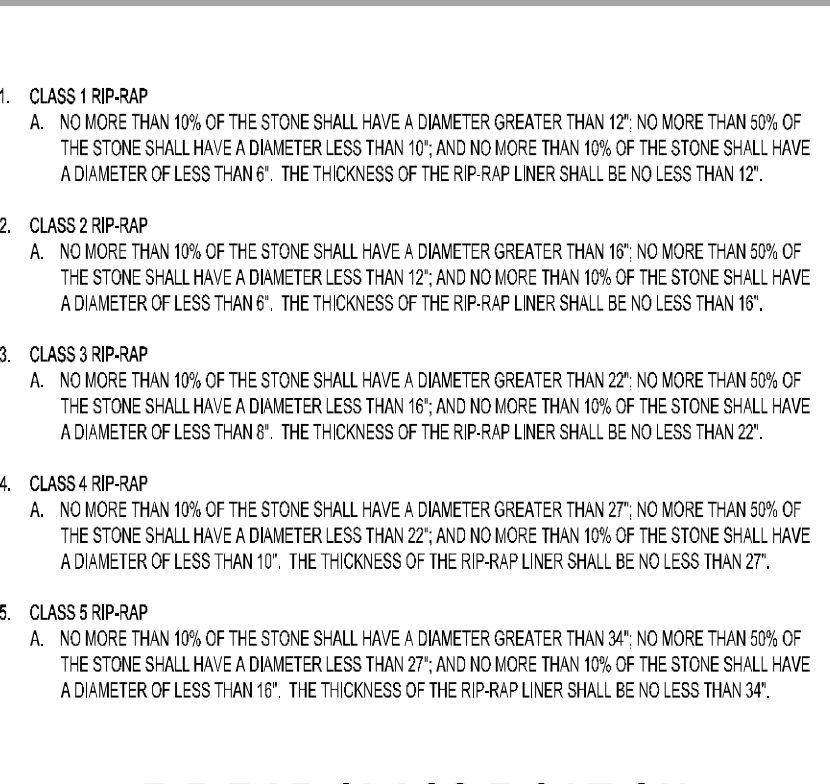
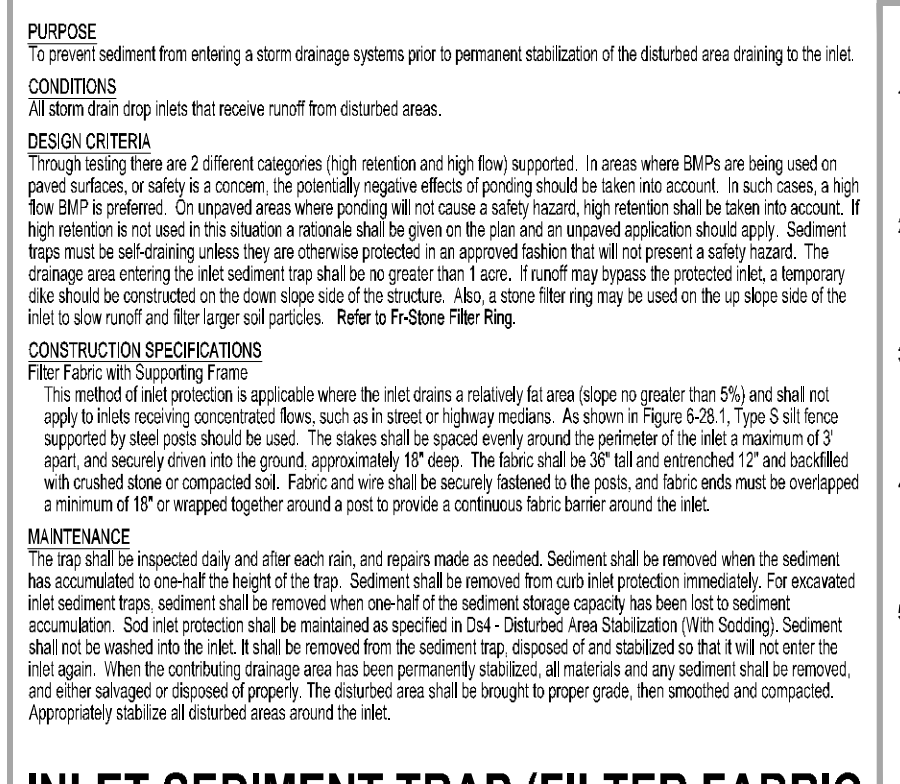
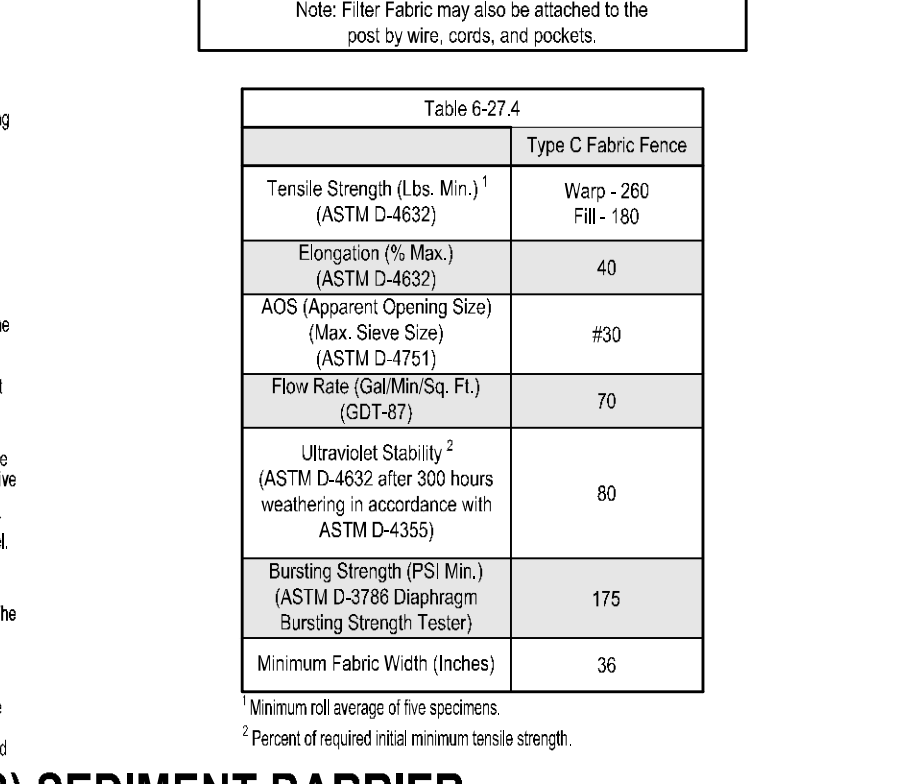
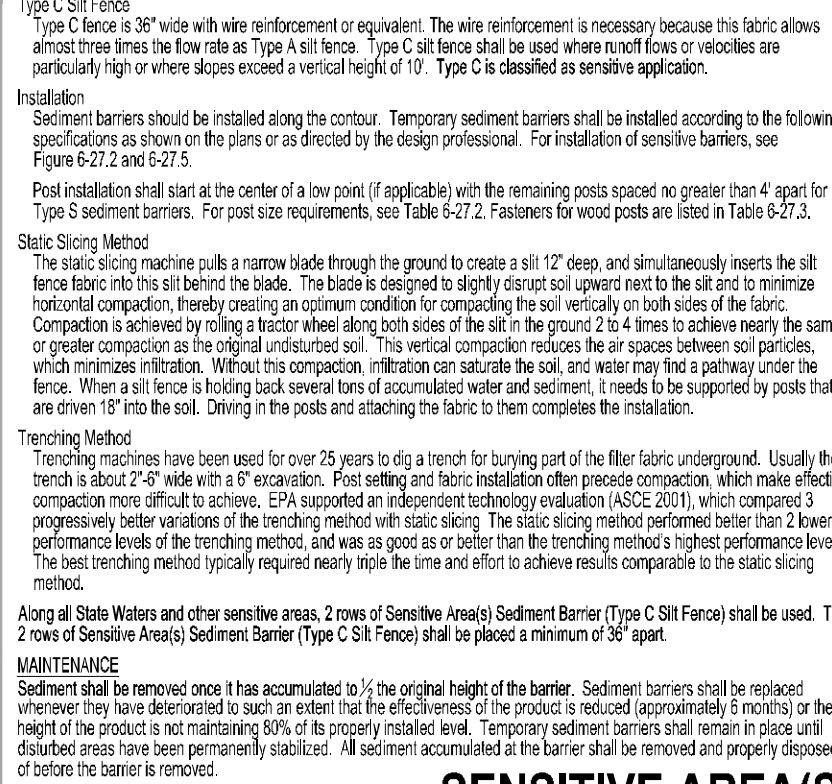
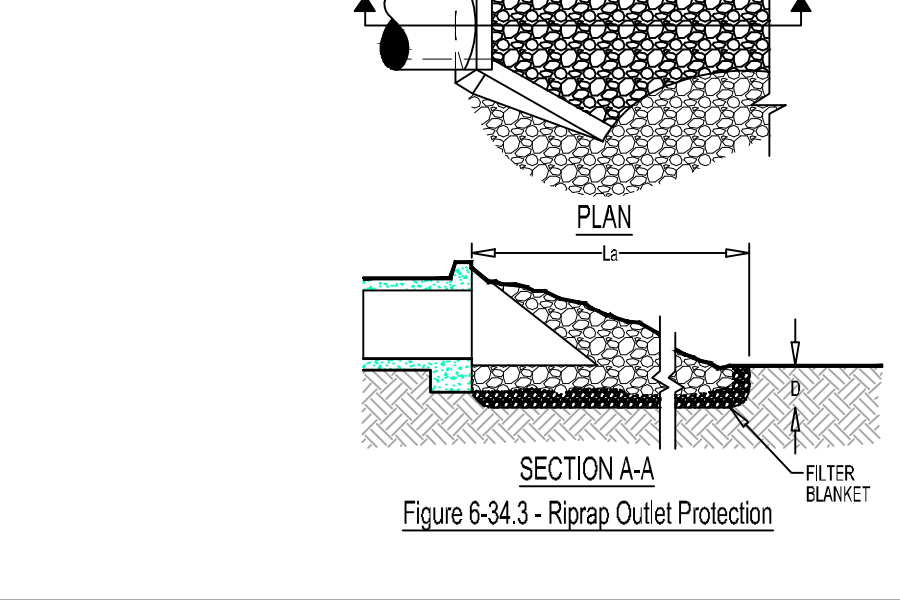
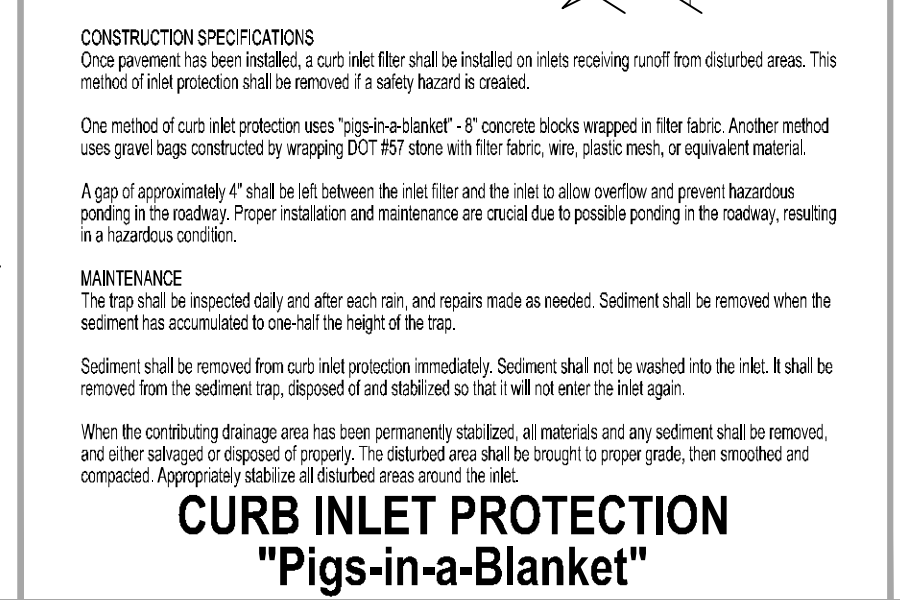
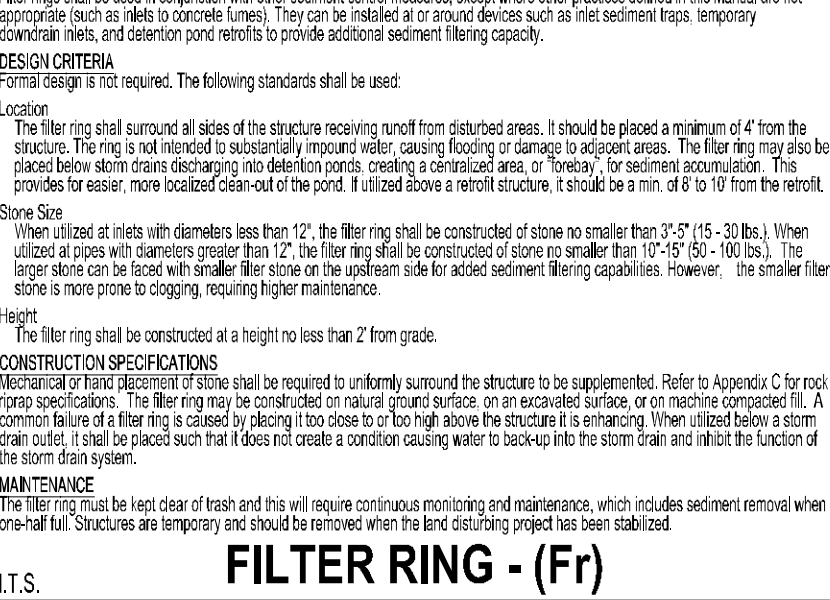
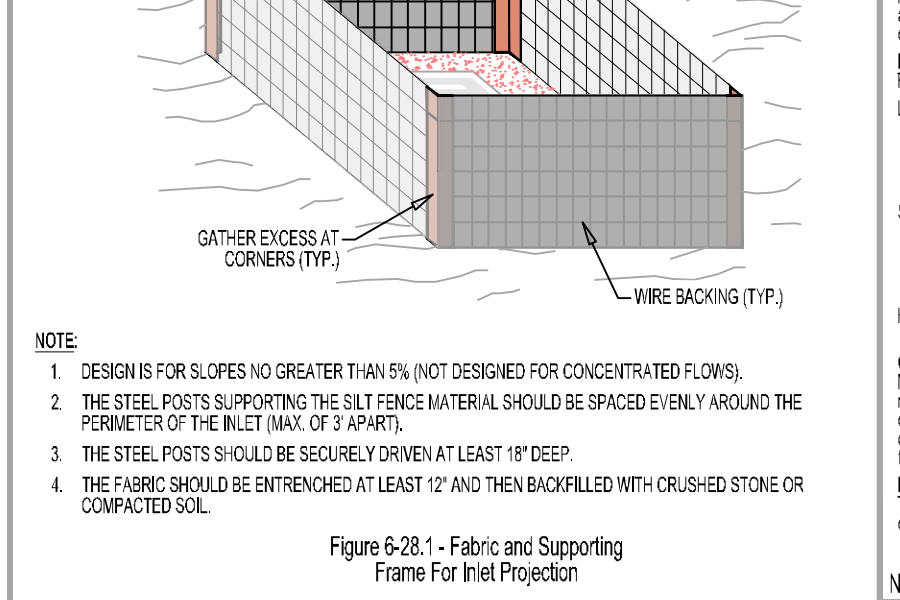
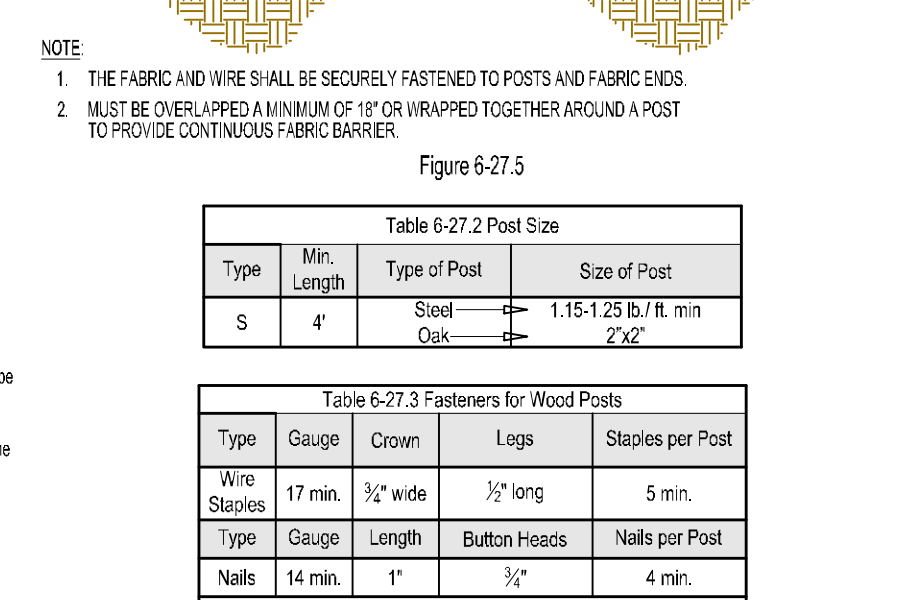
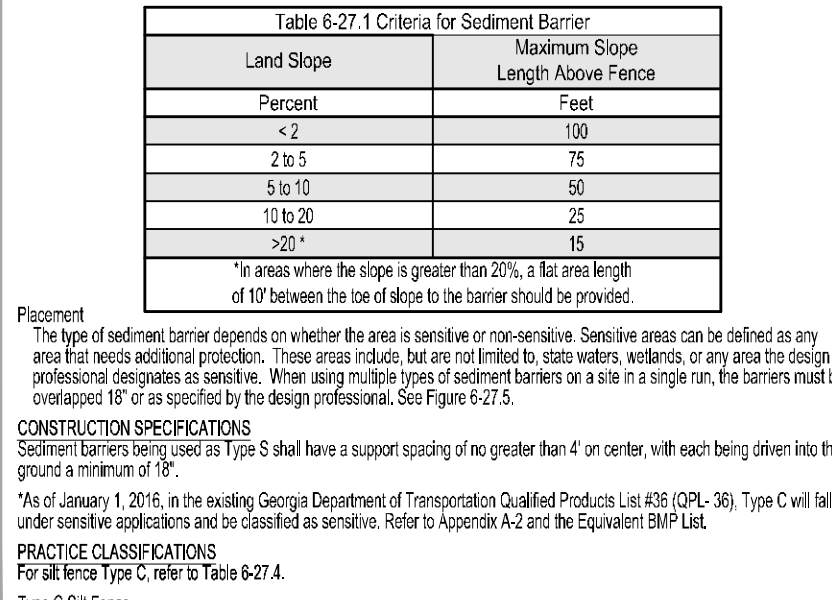
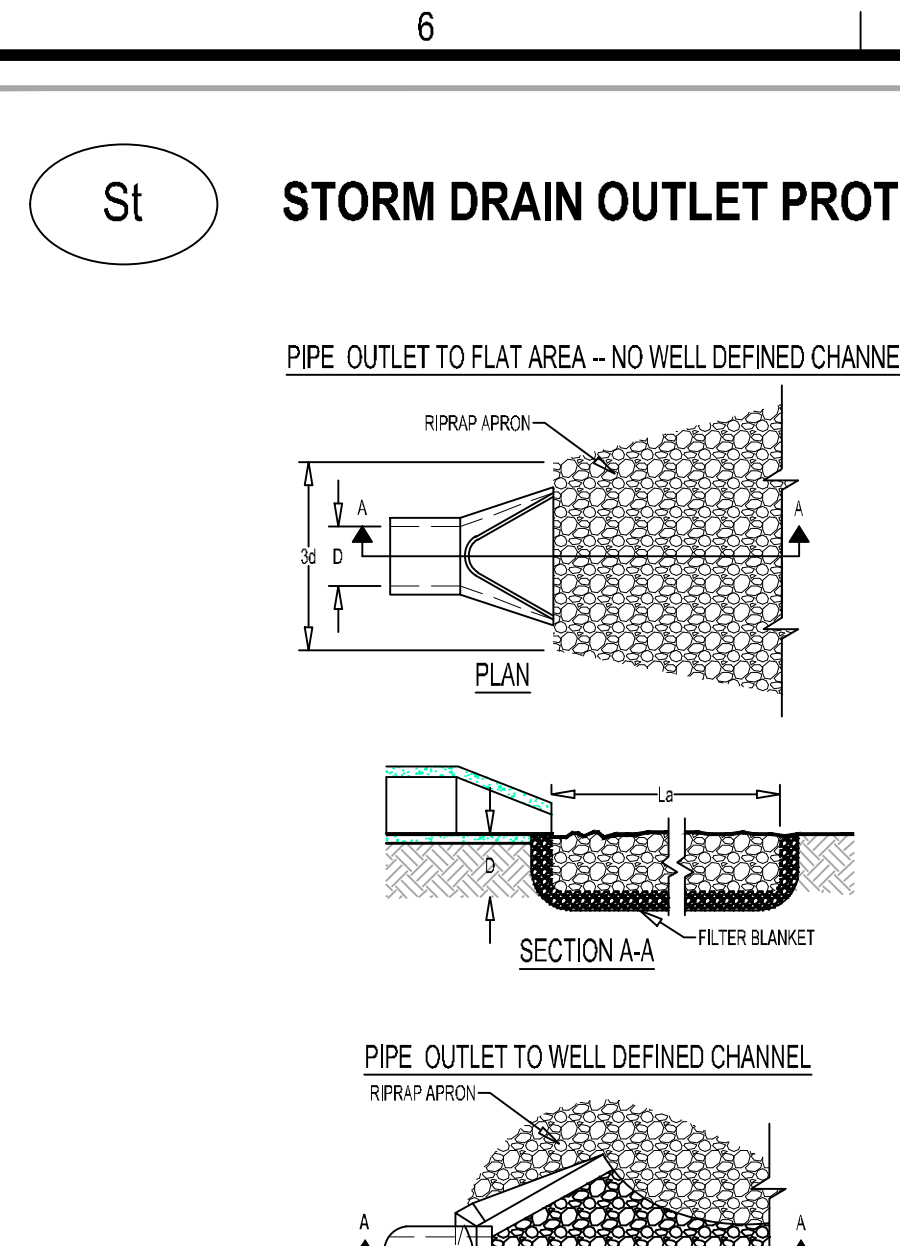
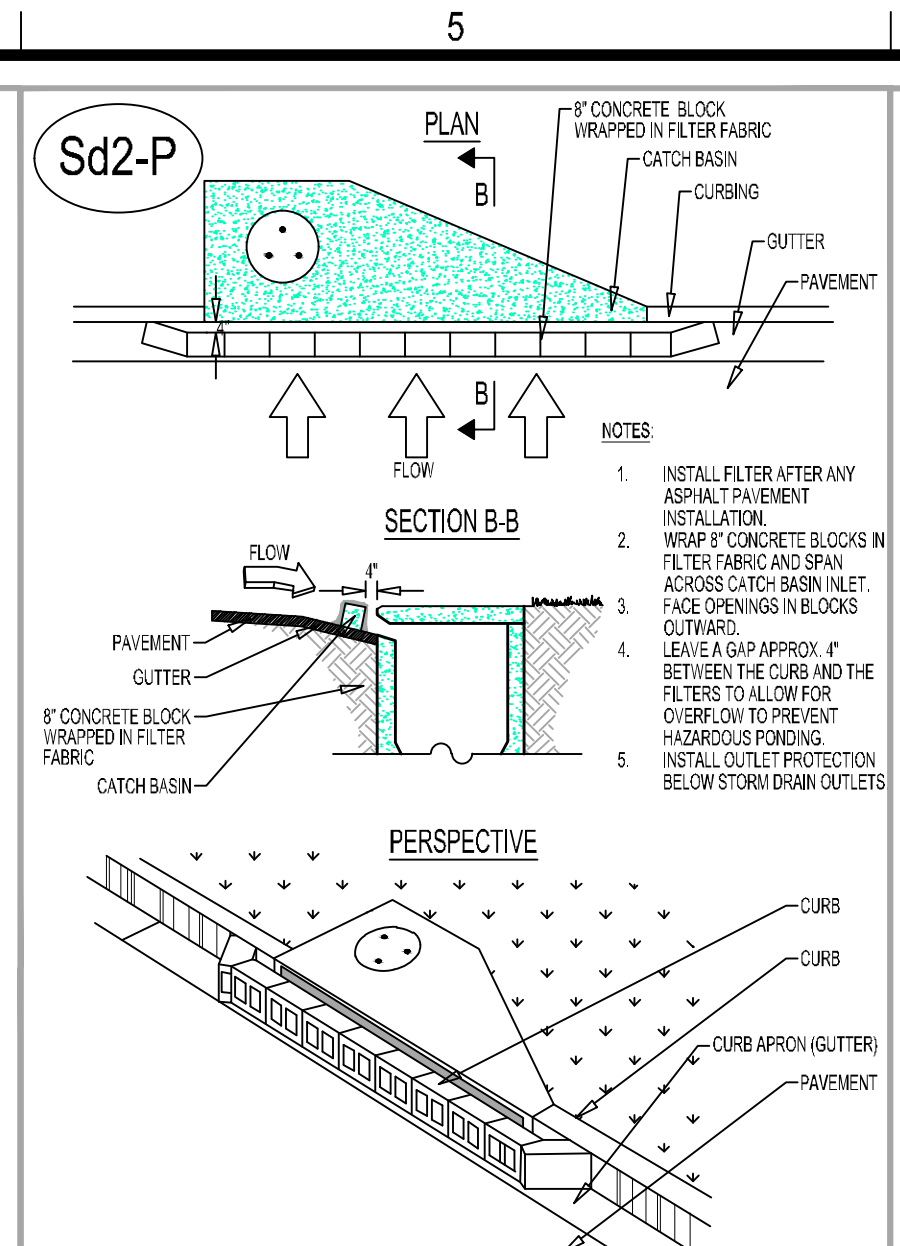
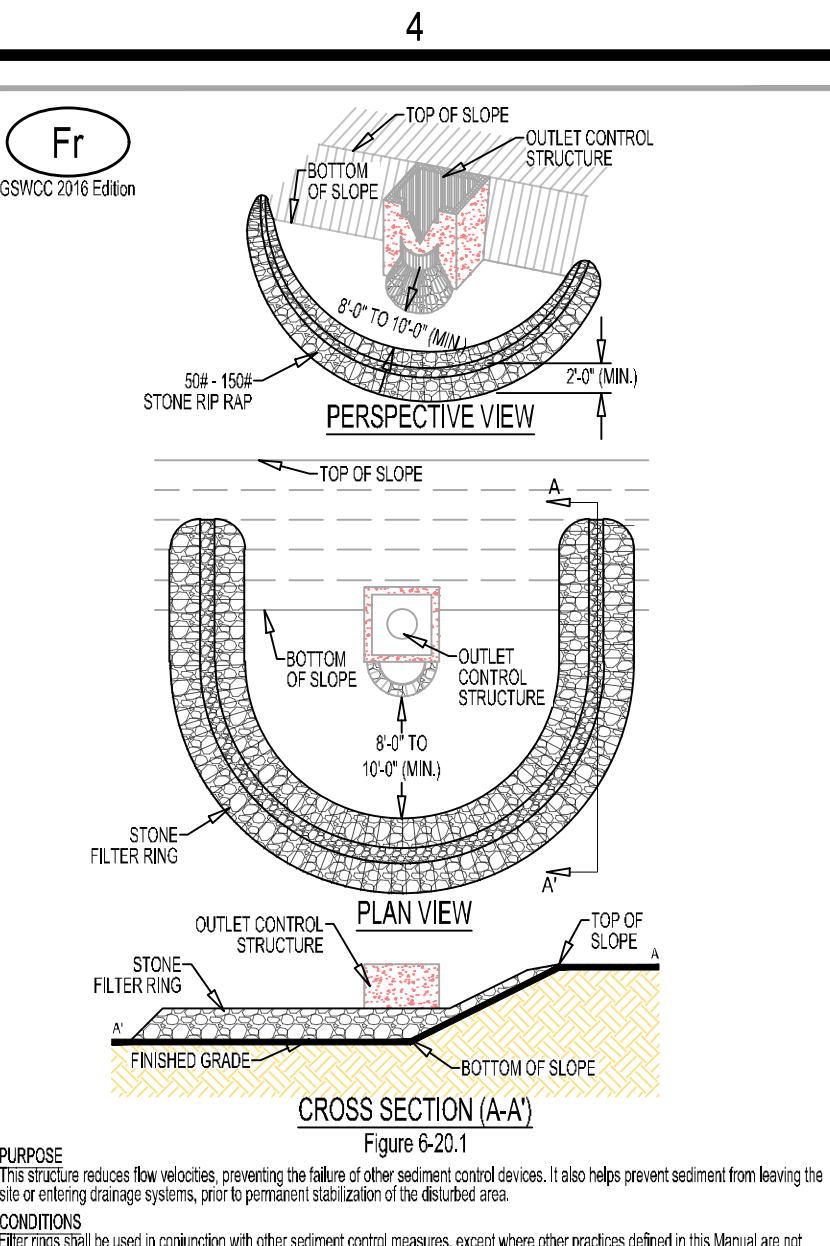
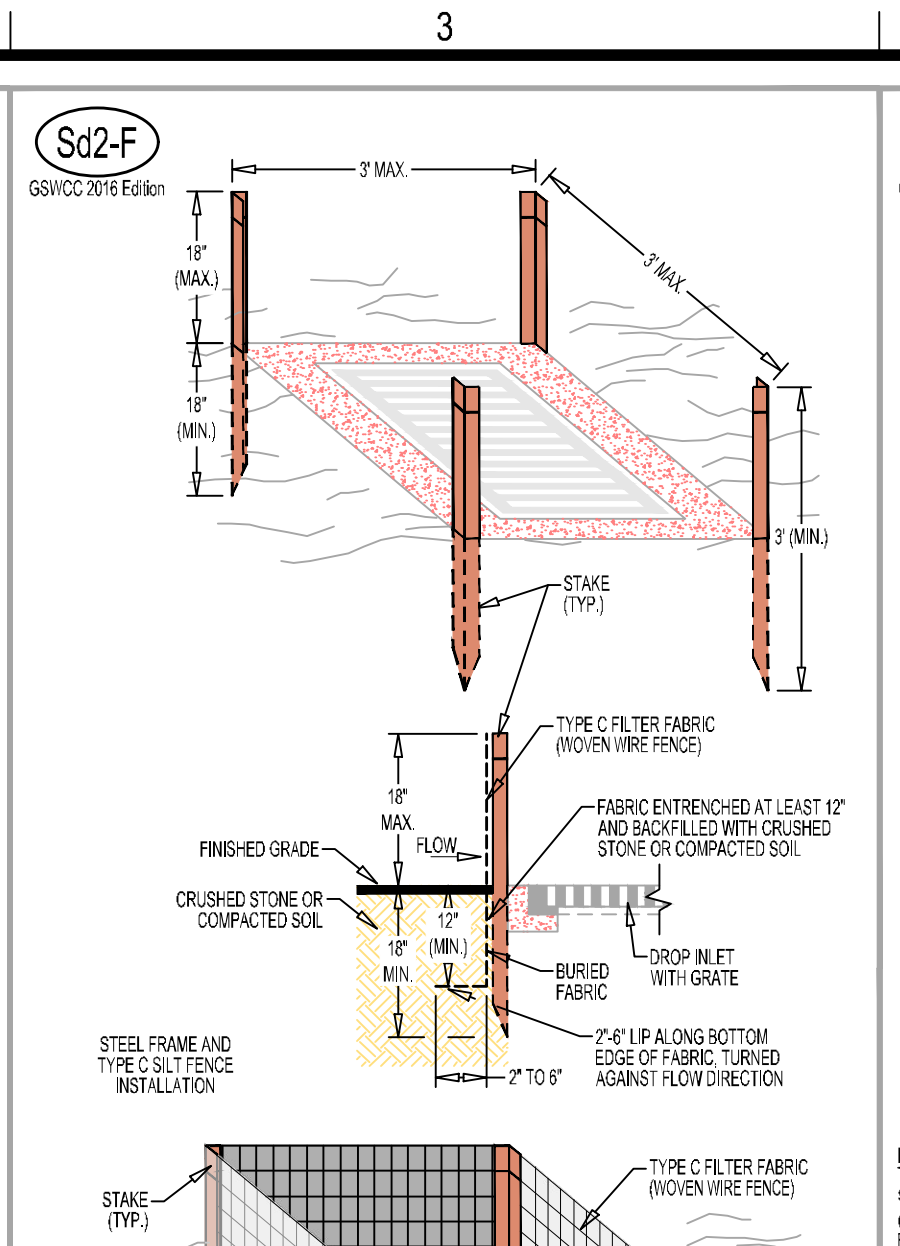
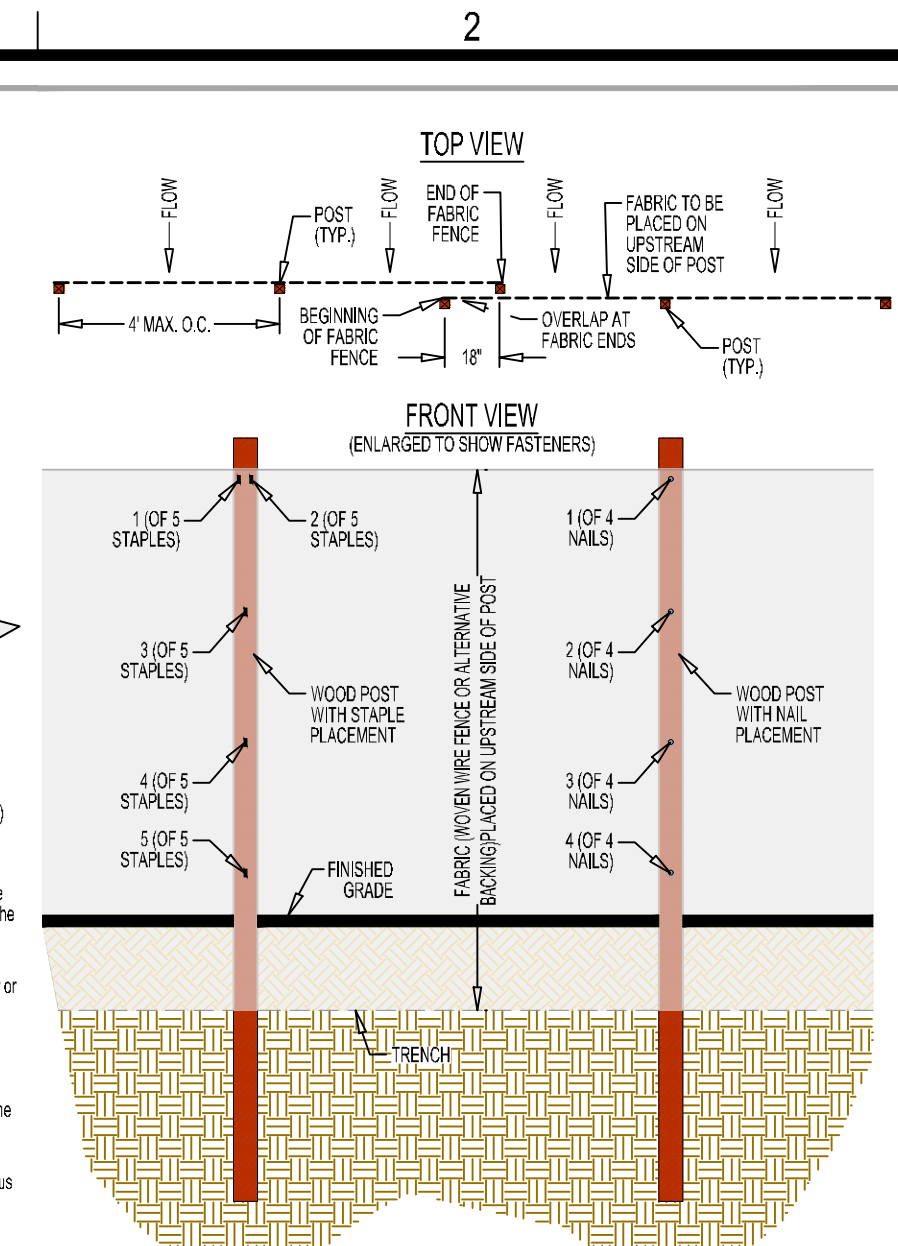
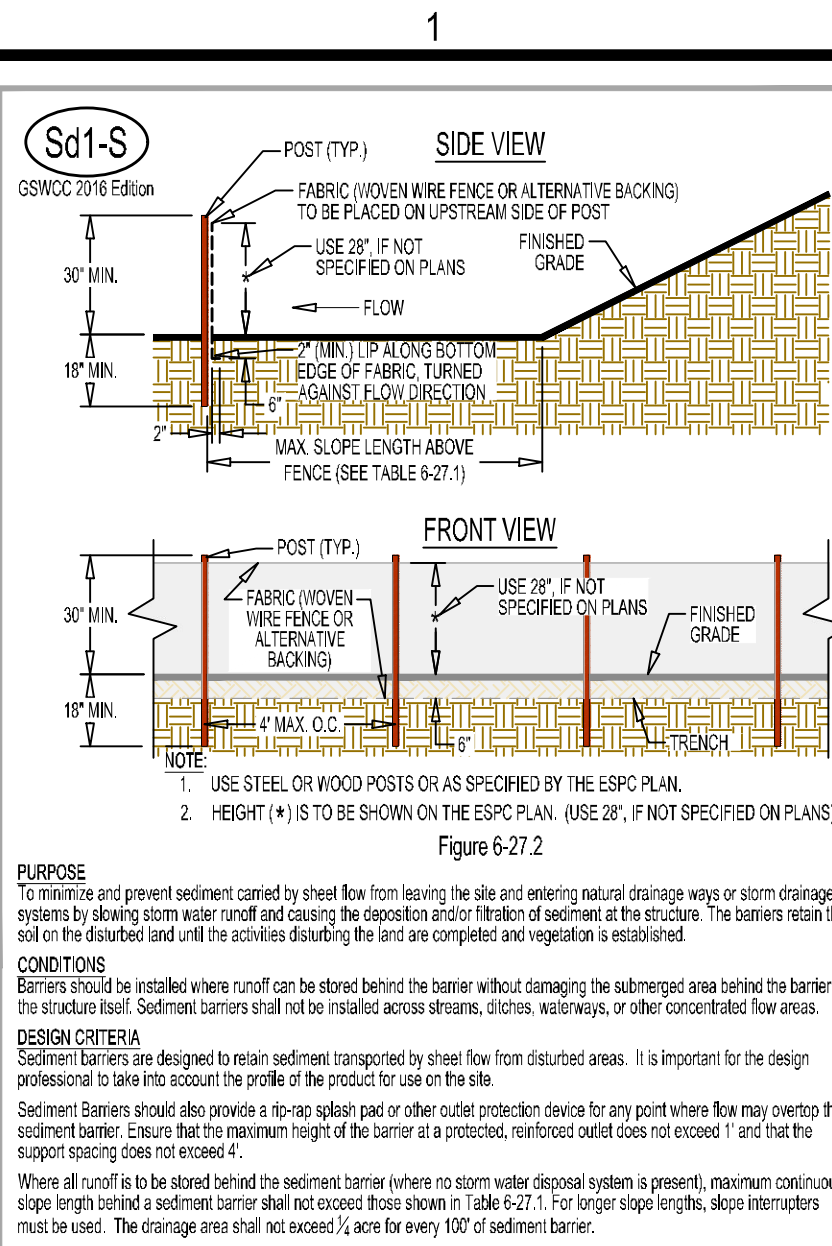
NOTE: WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.

PARCEL 86A-1-01
BARBARA STOREY
STANLEY STOREY

ONCE SITE IS STABILIZED, CONTRACTOR SHALL REMOVE TEMPORARY BMP'S

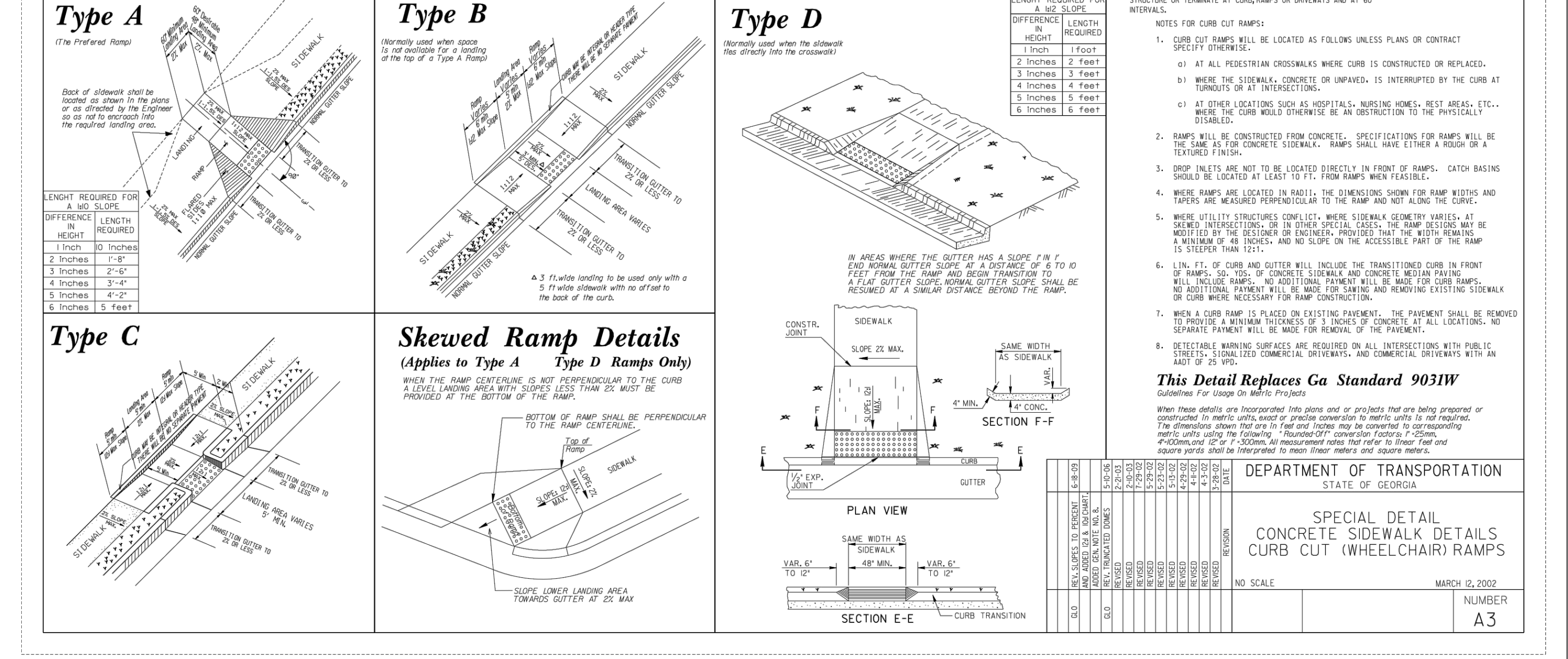
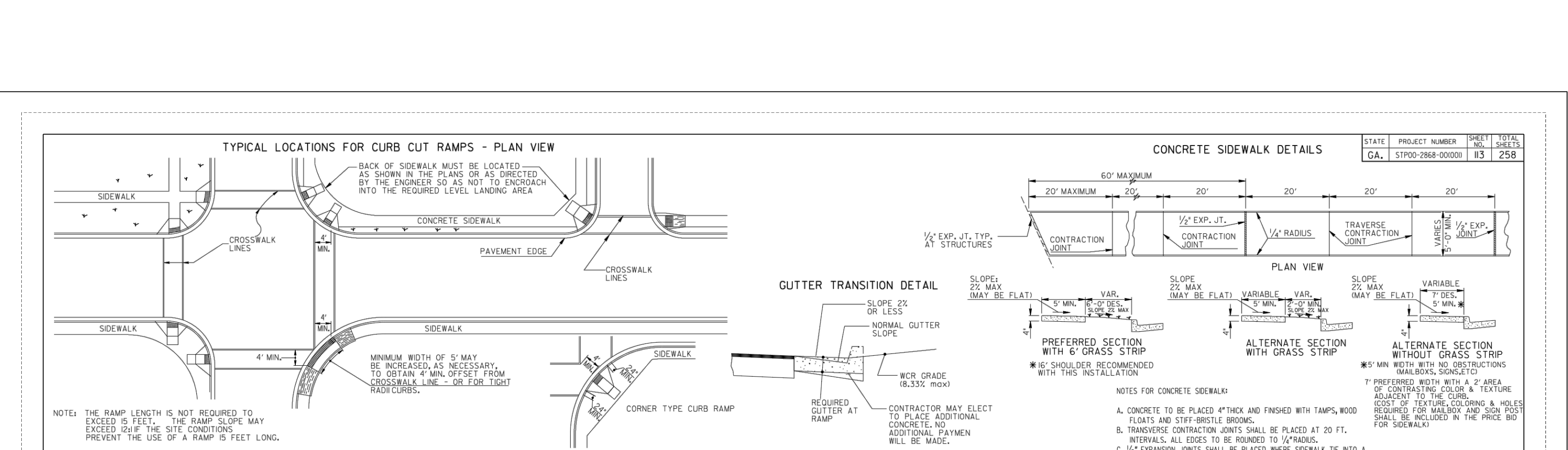
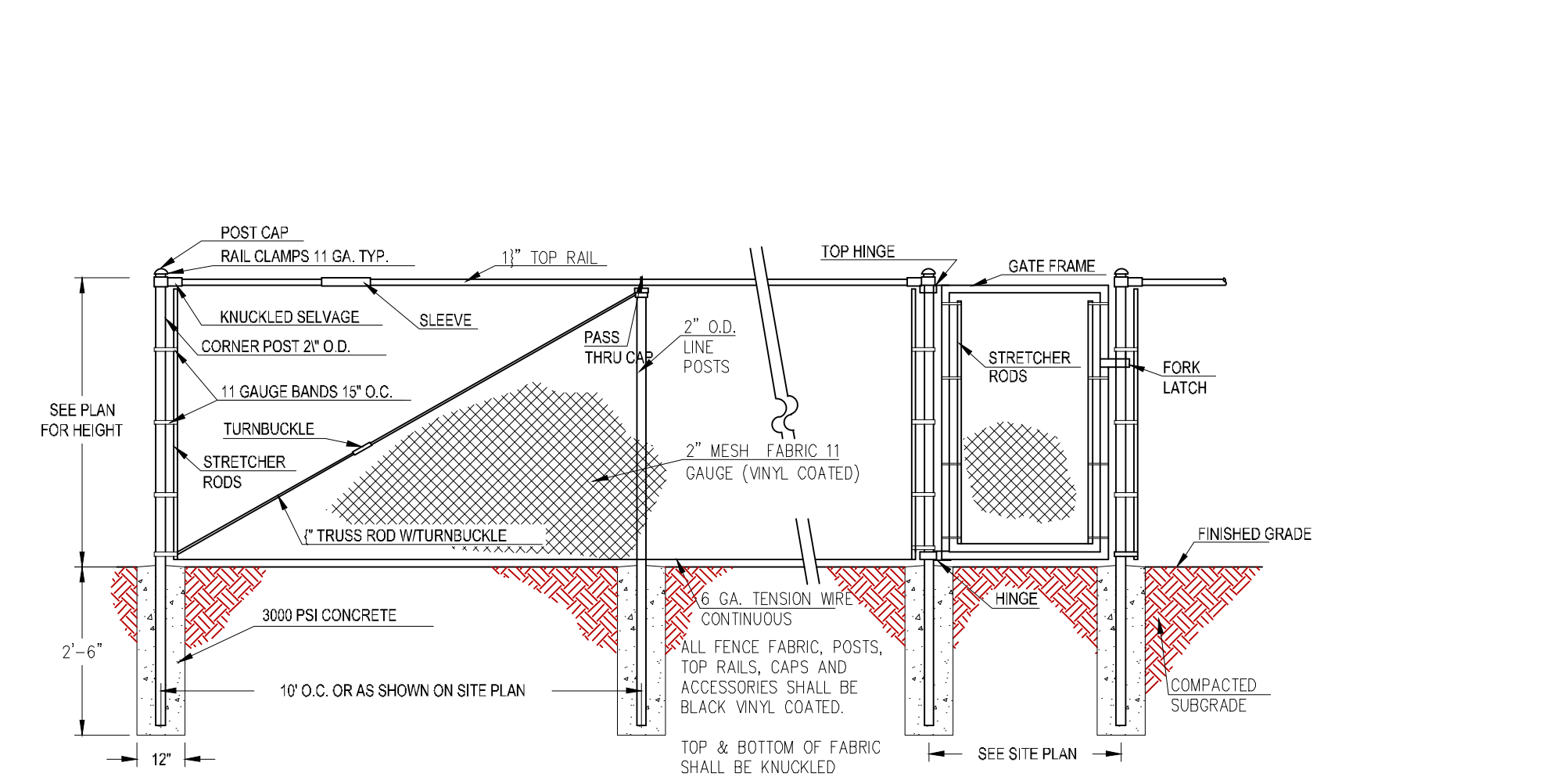
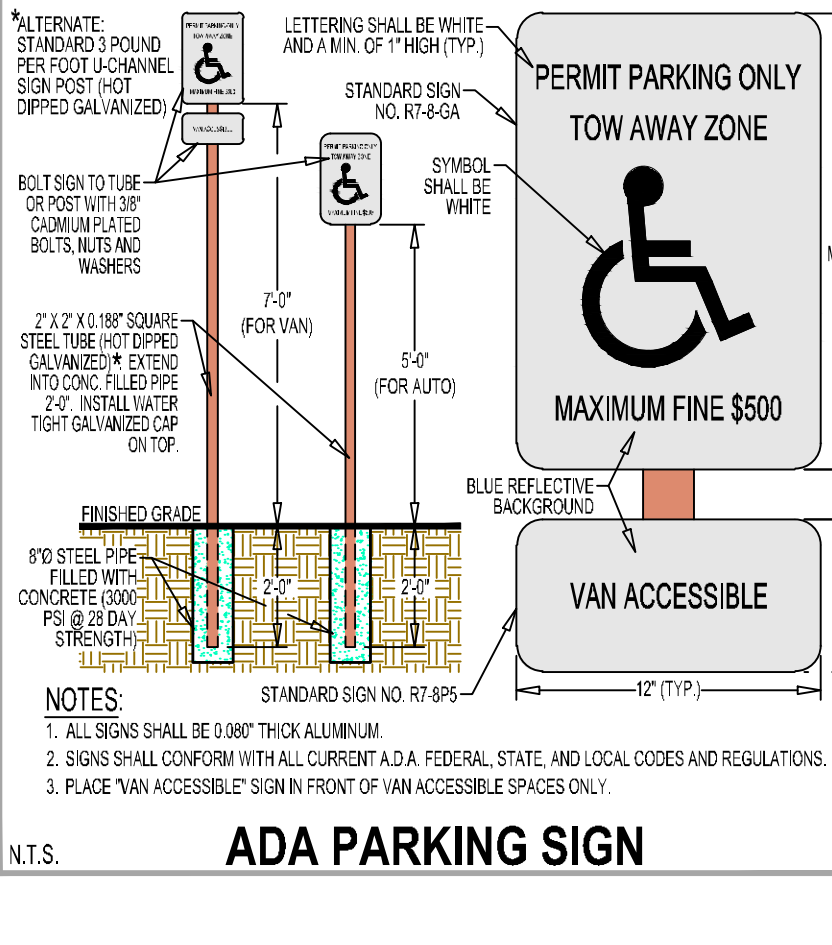
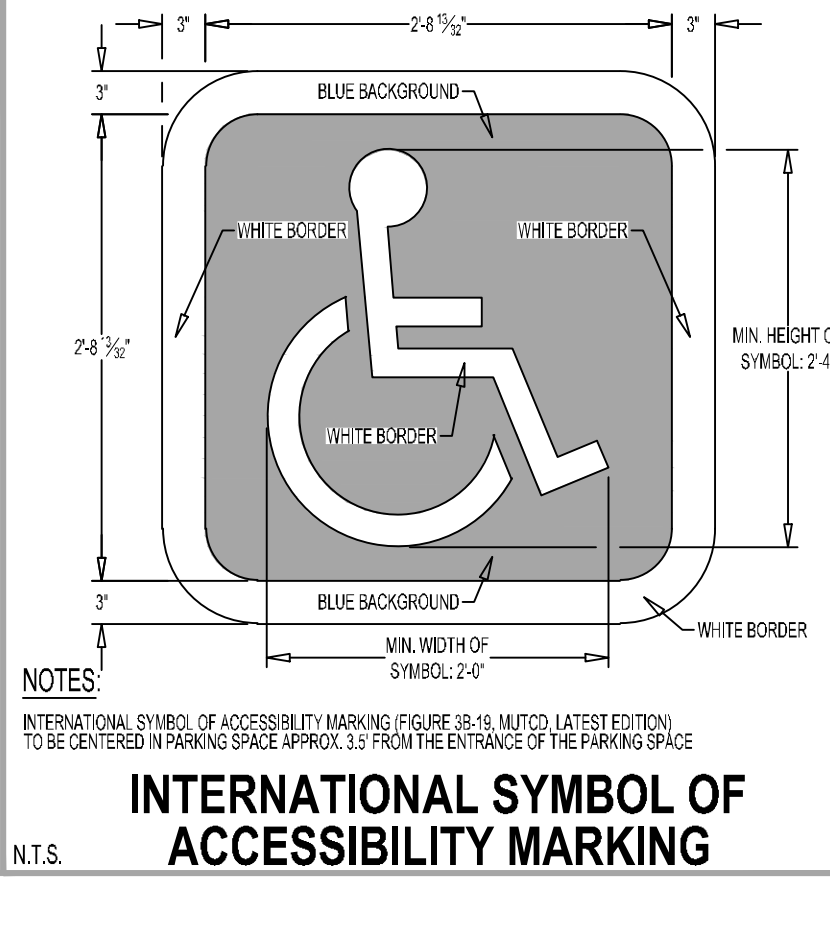
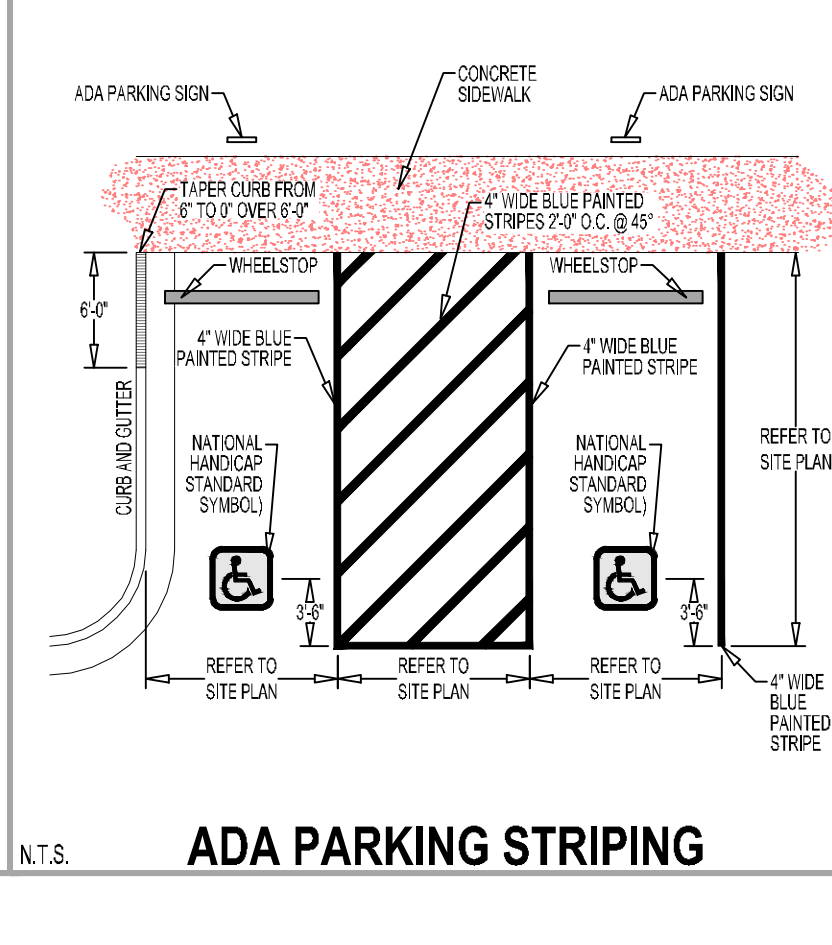
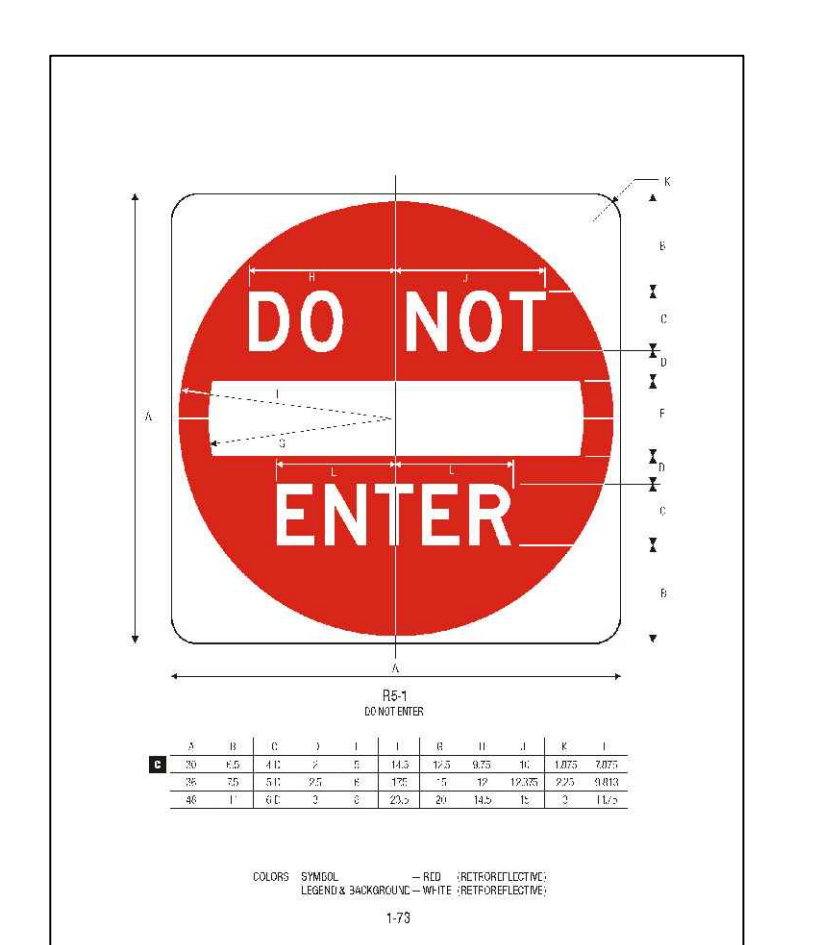
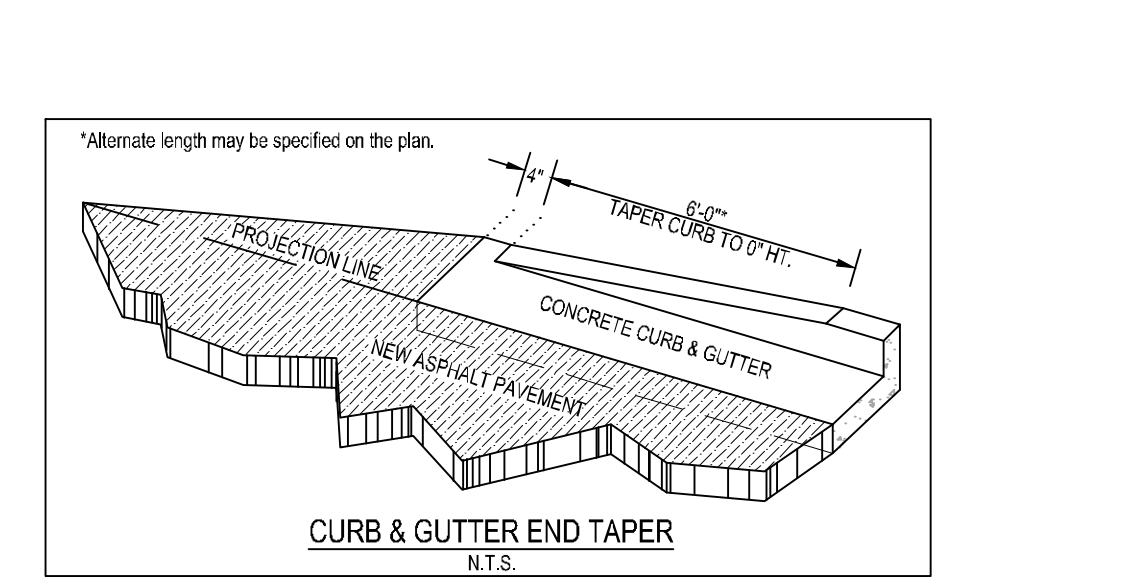
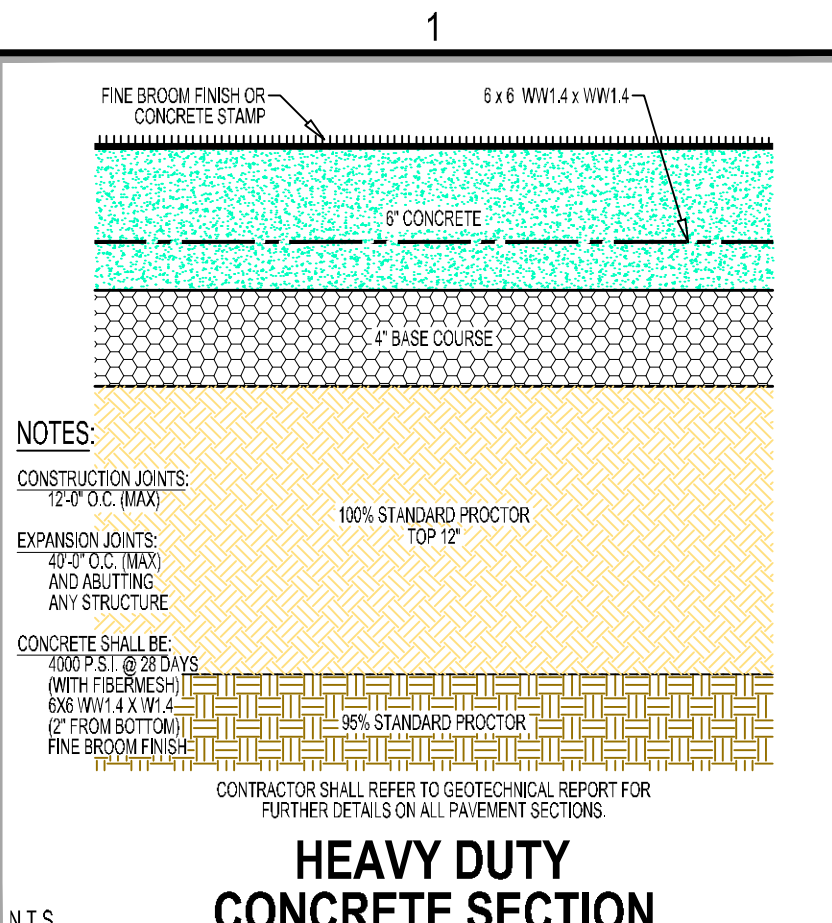
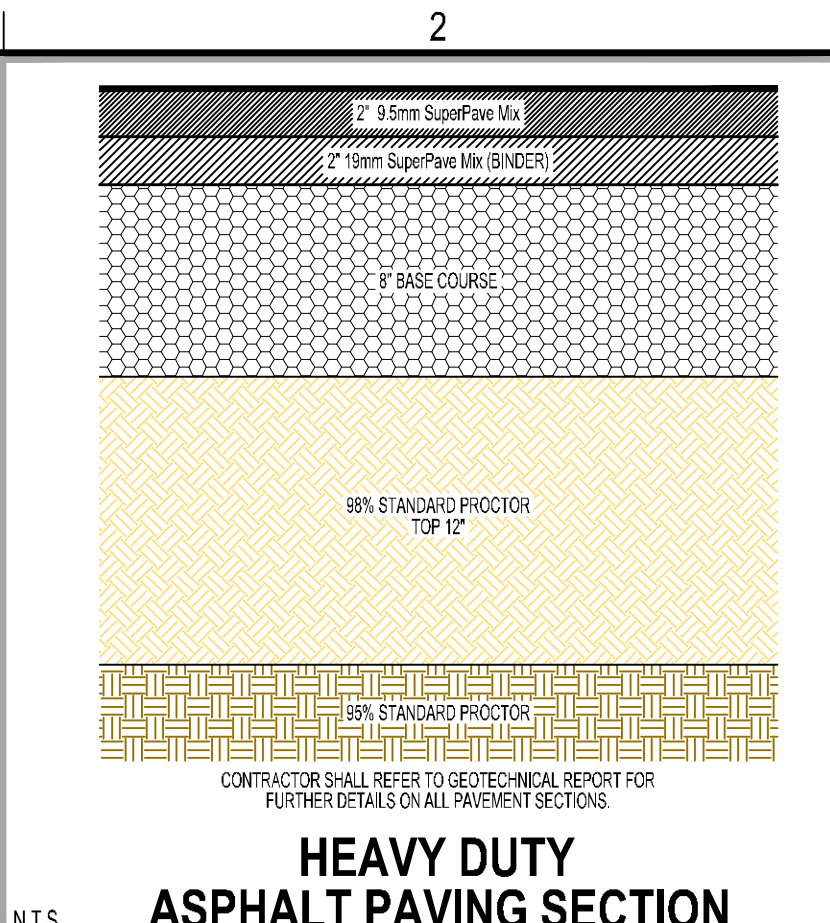
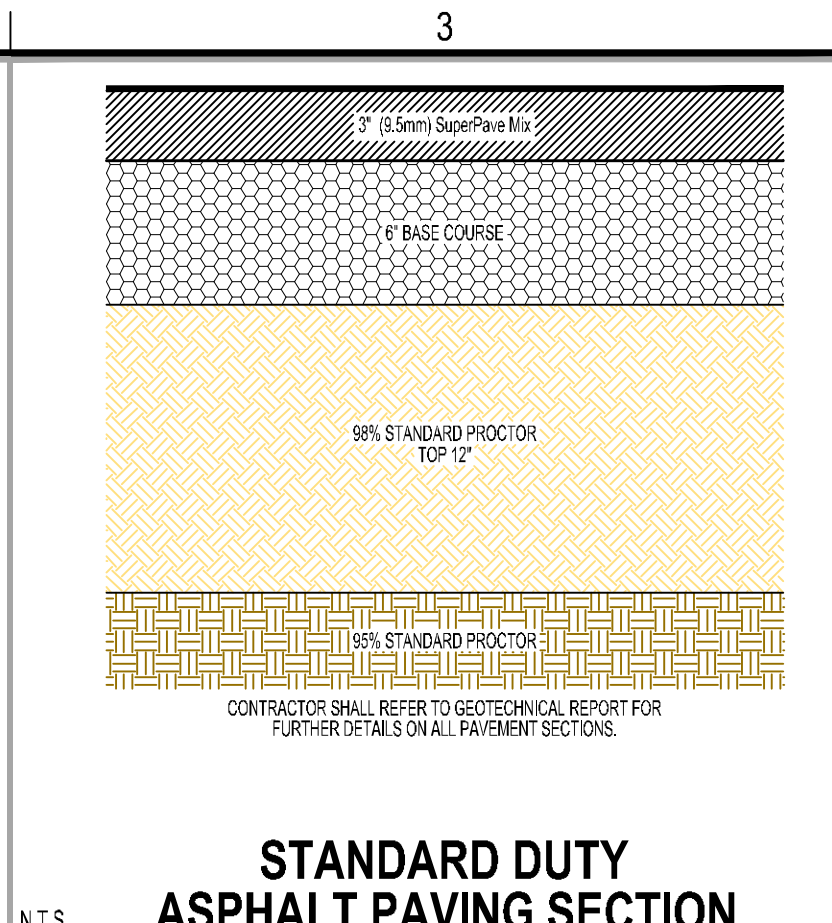
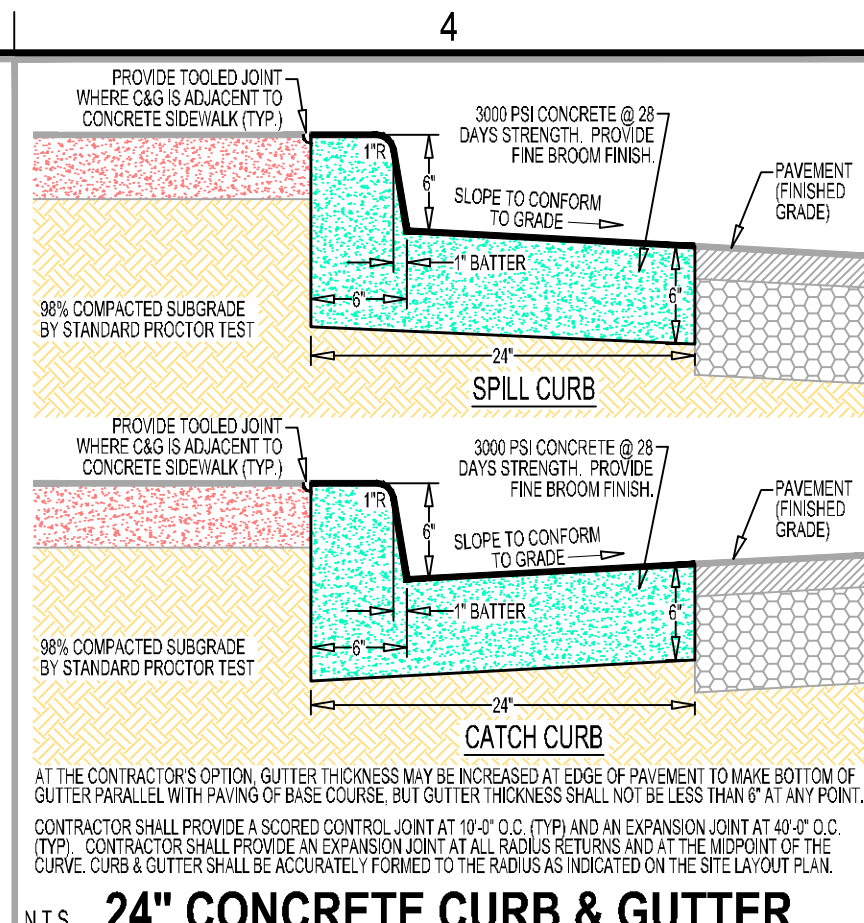
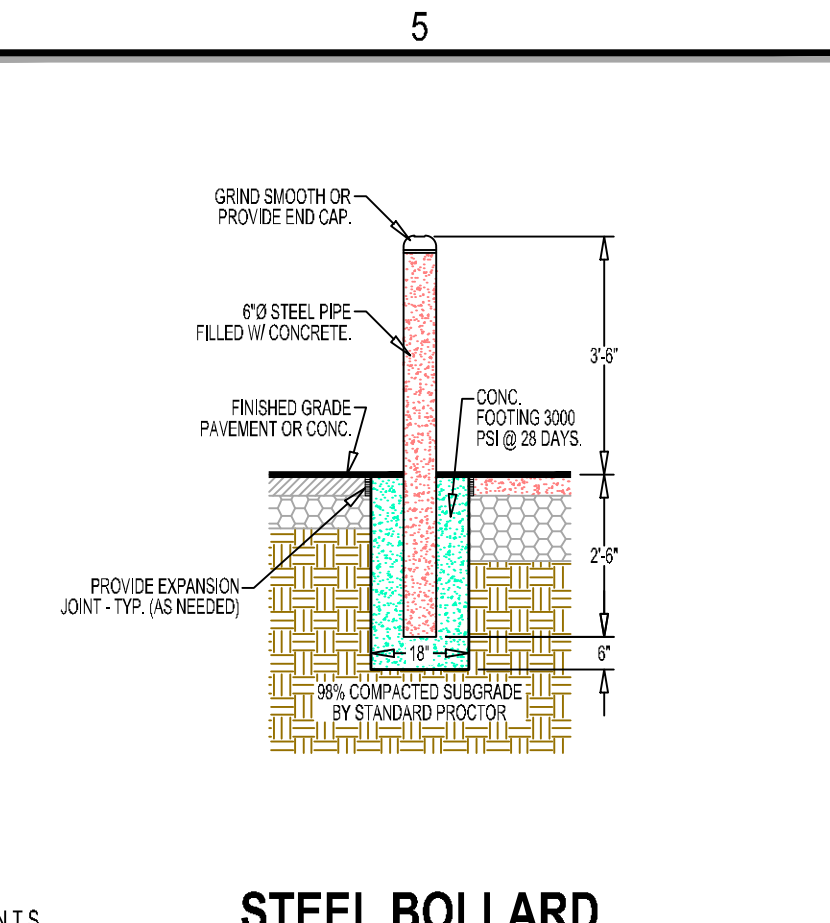
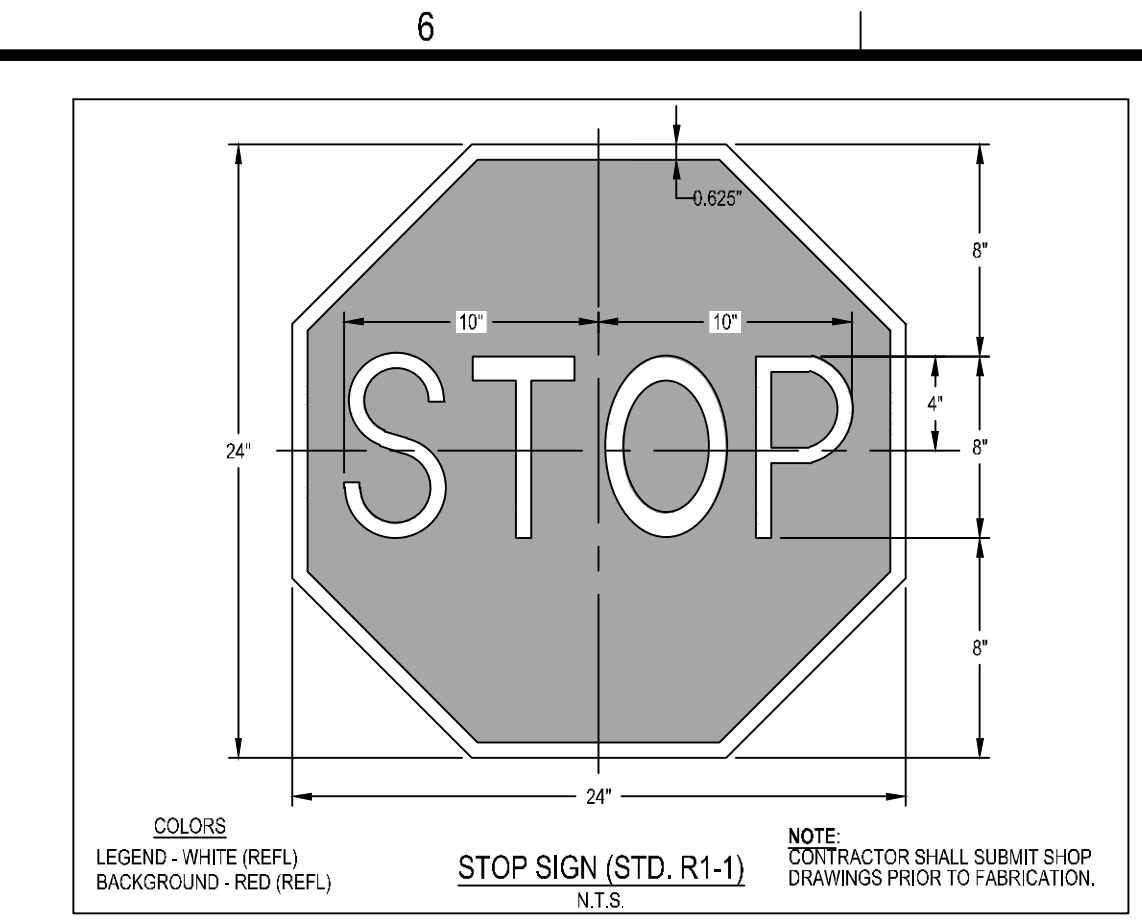
ALL DISTURBED AREA SHALL BE PERMANENTLY STABILIZED WITH SOD OR GRASS SEEDING OF OWNERS CHOICE

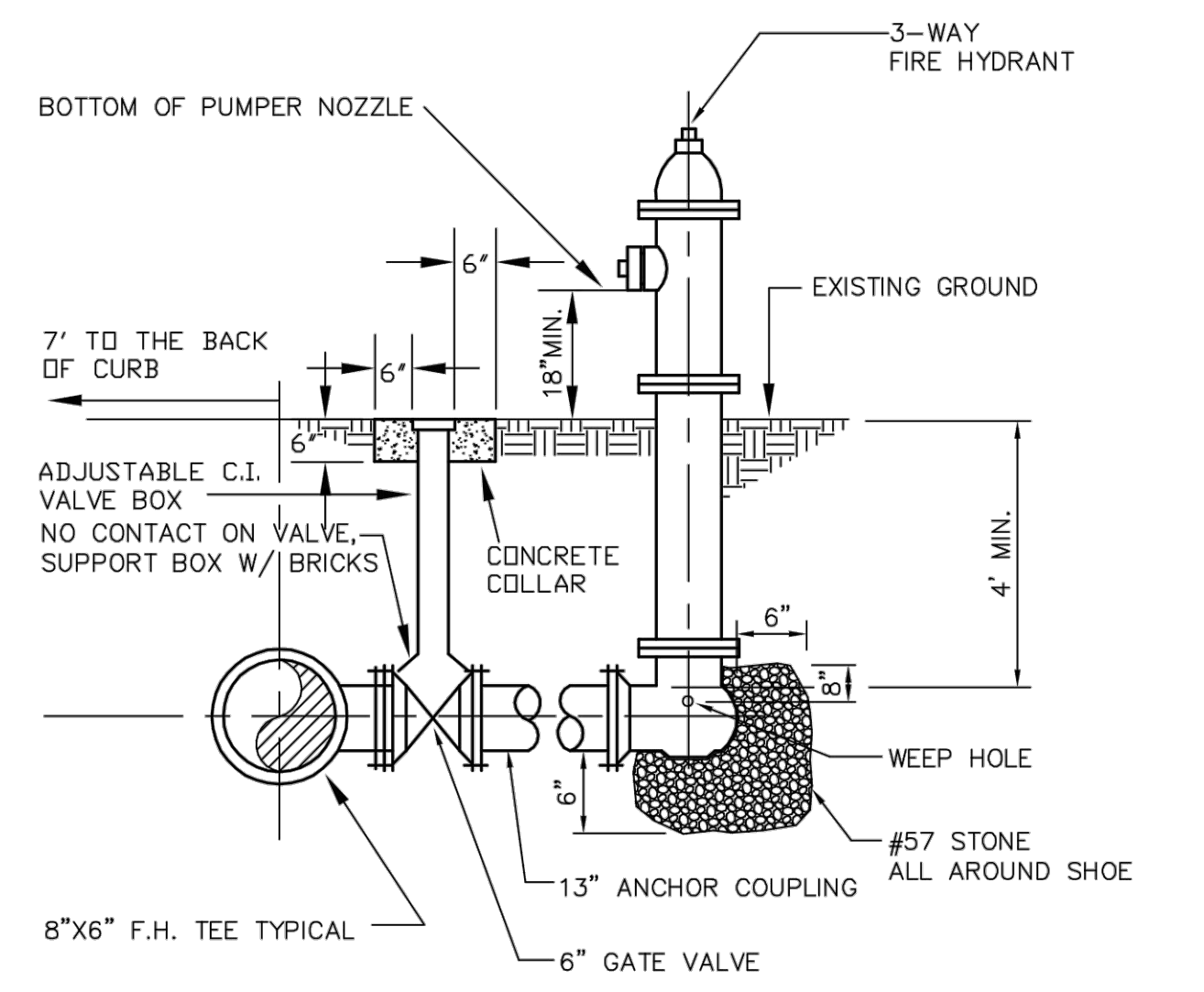




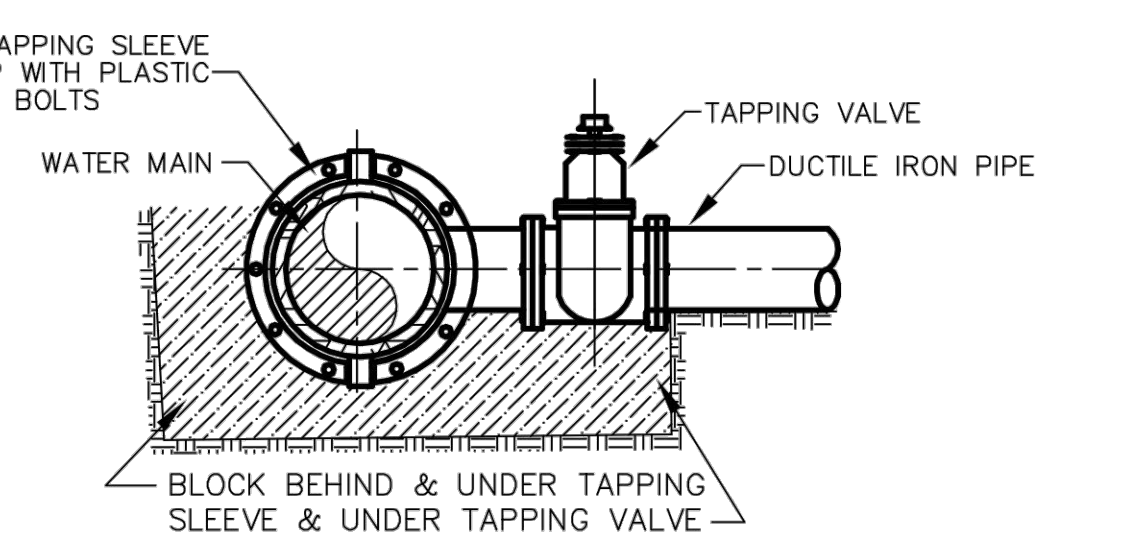
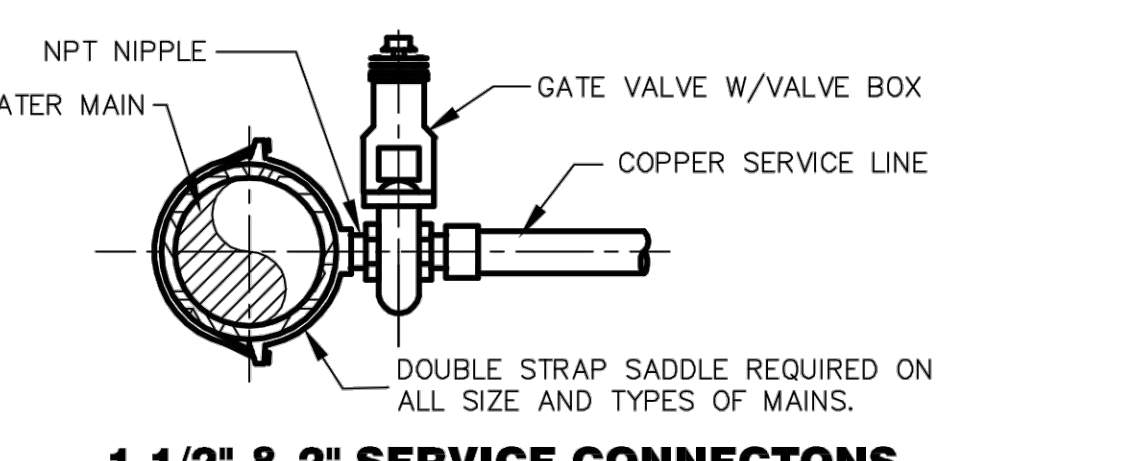
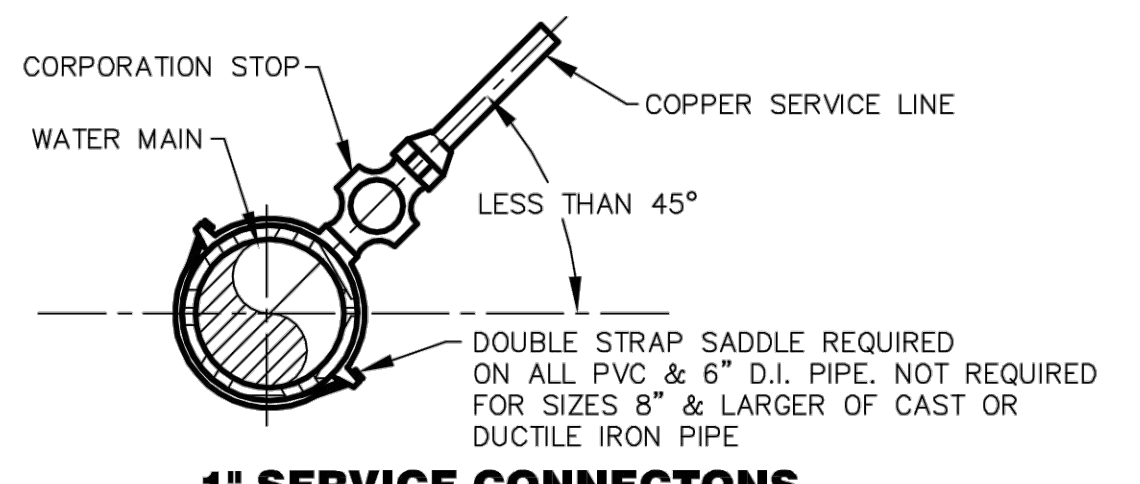
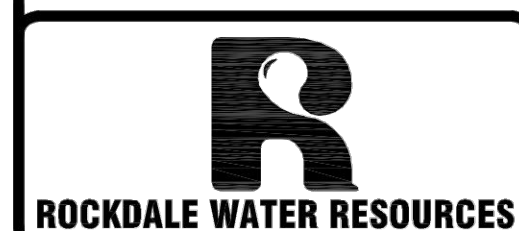
DRAWING DATE:	07.19.22
DRAWN BY:	MSF
CHECKED BY:	JPB
DATE:	10.21.22
DESCRIPTION:	COUNTY COMMENTS

REVISIONS

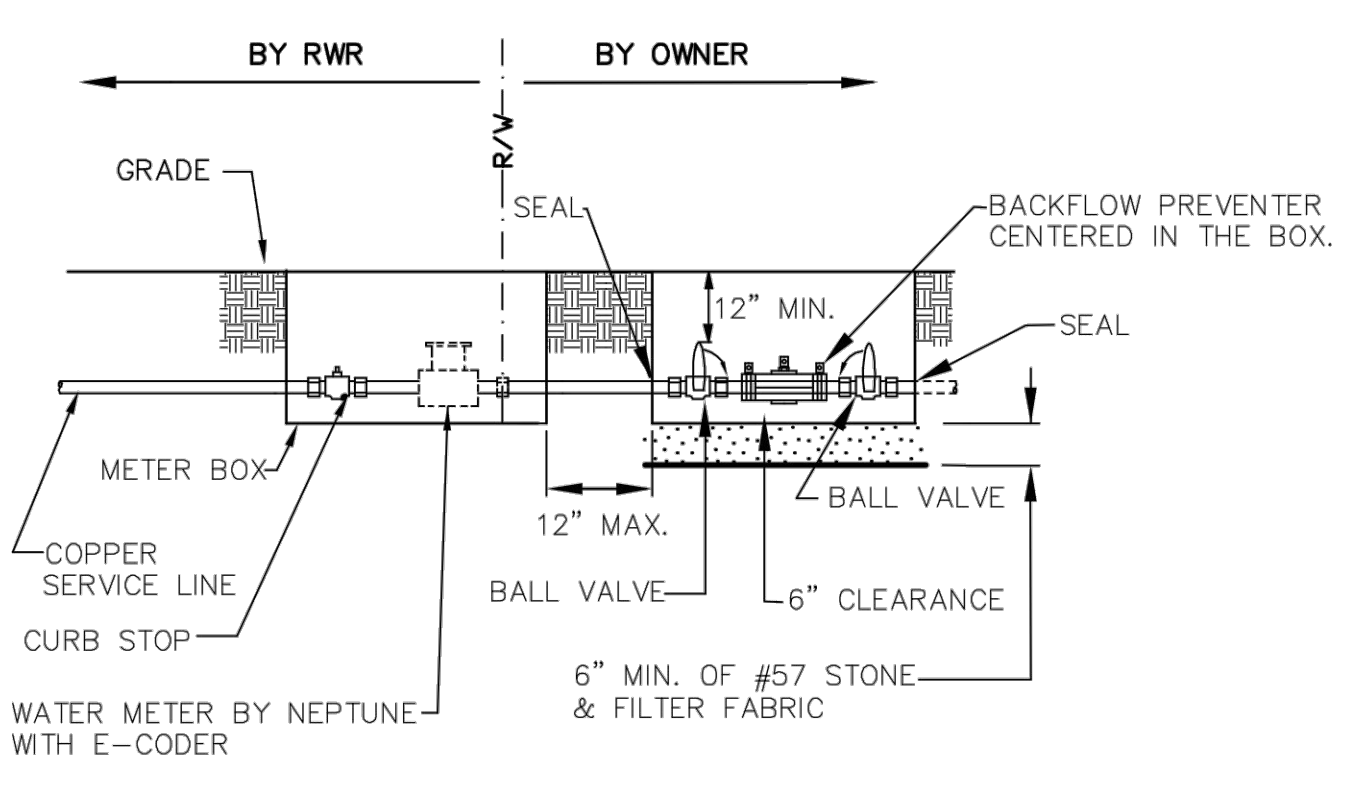
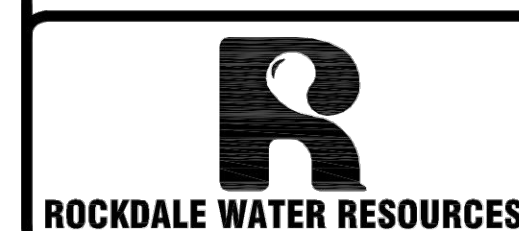




**FIRE HYDRANT INSTALLATION
SUBDIVISION STREET
NOT TO SCALE**
STANDARD DRAWING No. A-6



**CONNECTIONS TO
WATER MAINS
NOT TO SCALE**
STANDARD DRAWING No. A-8



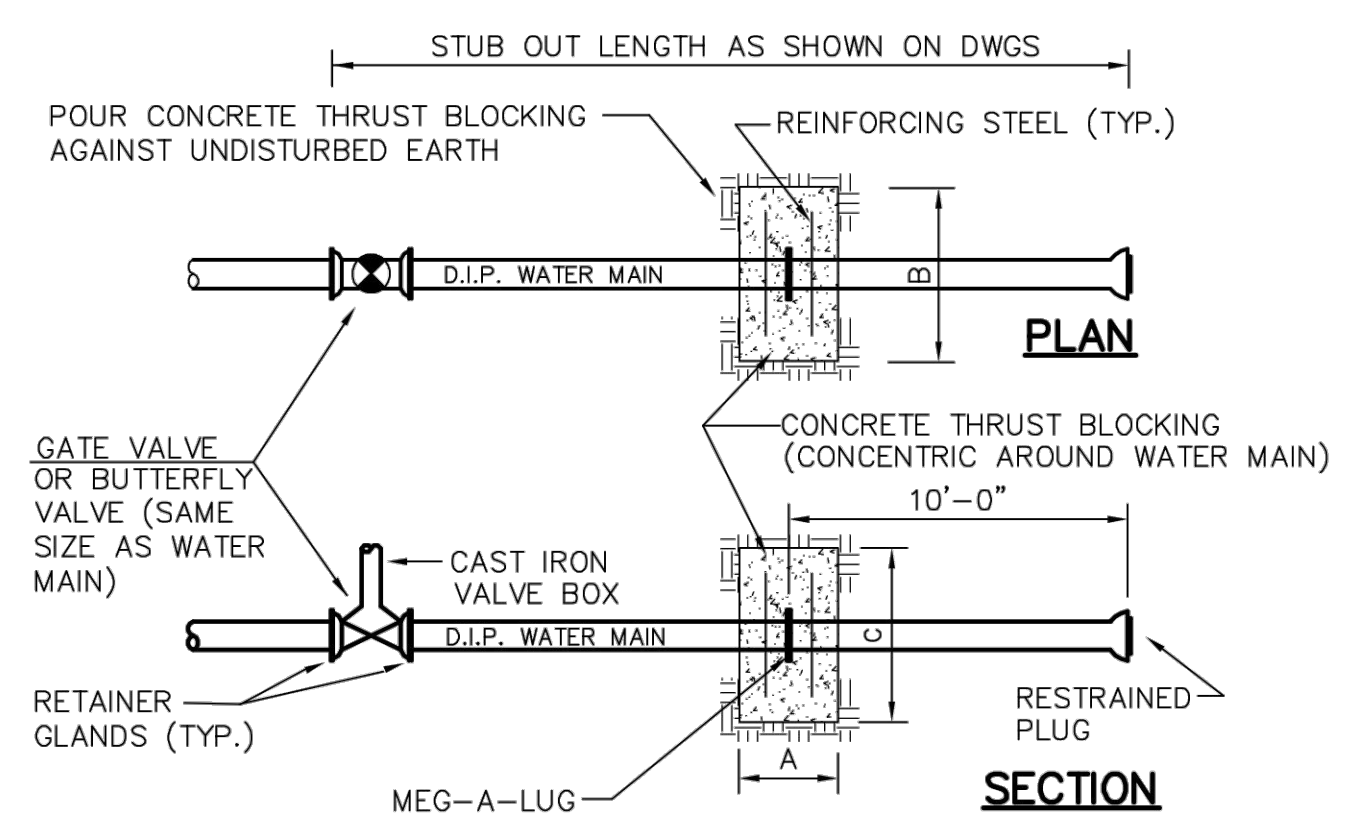
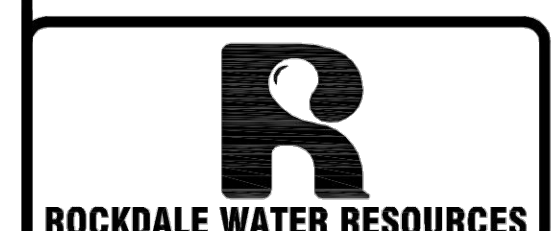
The Customer/Owner shall provide a Double Check Valve or (DCV) Backflow Preventer in a size to match that of the required service meter.

The DCV device shall have current approval from the University of Southern California, Foundation for Cross-Connection Control (USC-FCCC). The DCV-BFP assembly is to be tested by a nationally recognized testing laboratory in accordance with ASSE Standard 1015 and bear the ASSE seal; be individually factory tested, shipped, and installed as a unit.

INSTALLATION INSTRUCTIONS: The DCV-BFP assembly shall be installed in a Utility Box adjacent to, or as close as practical to the outlet side of the meter installation. The DCV shall be a minimum of 12" and a maximum of 16" below grade and centered in the Utility Box.

The Utility Box shall be adequately sized to match the DCV-BFP. All test ports, inlet, and outlet shut-off valves must be in the box, and *accessible* to maintain and test the device. Test cocks fitted with brass or plastic plugs or caps.

COMMERCIAL 5/8 - 2\"/>

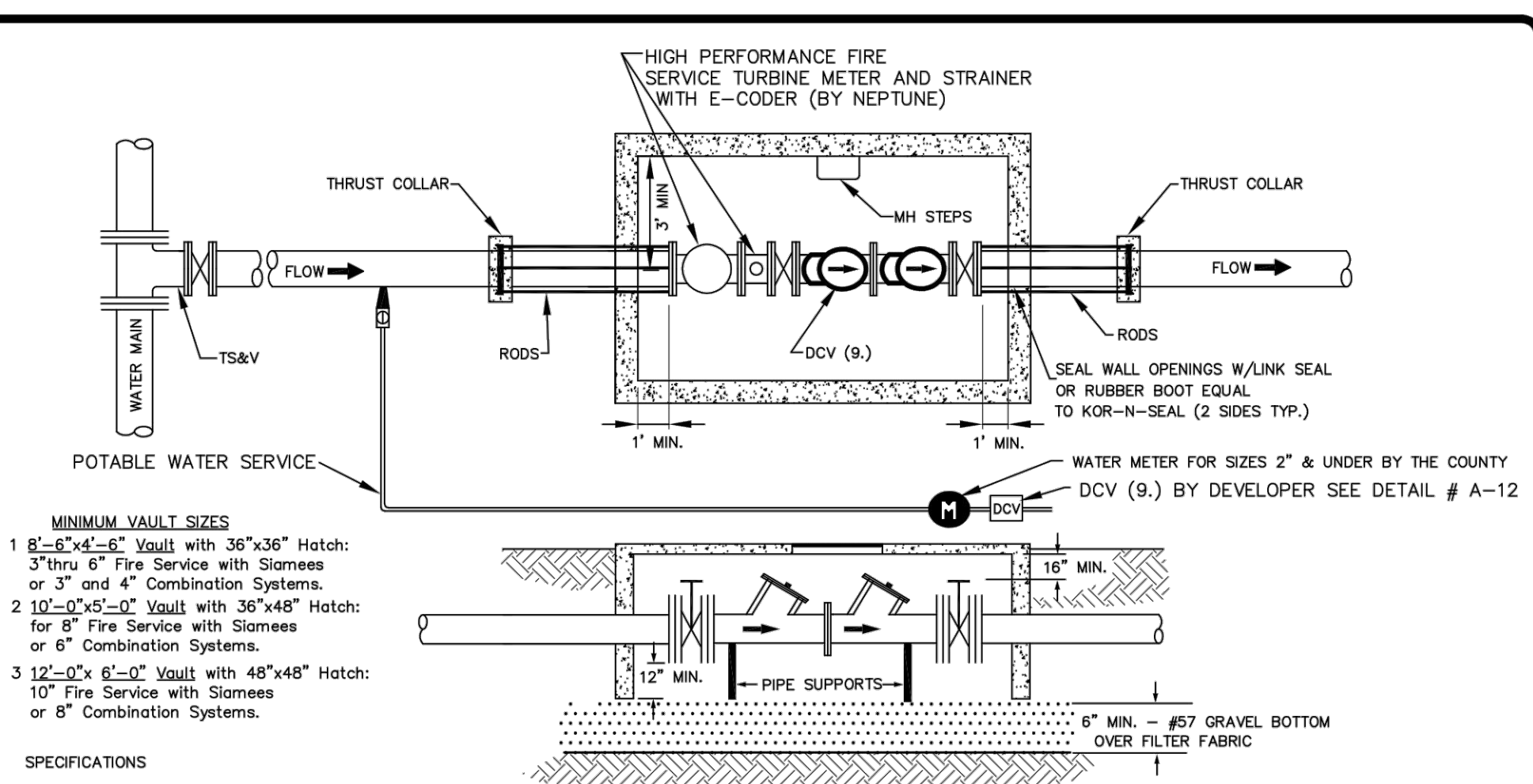


WATER MAIN DIA.	CONC. COLLAR DIM.			STEEL REINFORCING
	A	B	C	
16"	2'-6"	6'-6"	6'-6"	#8 @ 12" O.C. EW EF
12"	2'-0"	5'-3"	5'-3"	#7 @ 12" O.C. EW EF
8"	1'-6"	4'-0"	4'-0"	#6 @ 12" O.C. EW EF

TEST PRESSURE: 250 PSI
SOIL BEARING PRESSURE: 2000 PSF

THRUST COLLARS

**THRUST COLLARS
NOT TO SCALE**
STANDARD DRAWING No. A-17



MINIMUM VAULT SIZES

- 8'-6" x 4'-6" Vault with 36"x36" Hatch: 3" thru 6" Fire Service with Stormes or 3" and 4" Combination Systems.
- 10'-0" x 5'-0" Vault with 36"x48" Hatch: for 8" Fire Service with Stormes or 6" Combination Systems.
- 12'-0" x 6'-0" Vault with 48"x48" Hatch: 10" Fire Service with Stormes or 8" Combination Systems.

SPECIFICATIONS

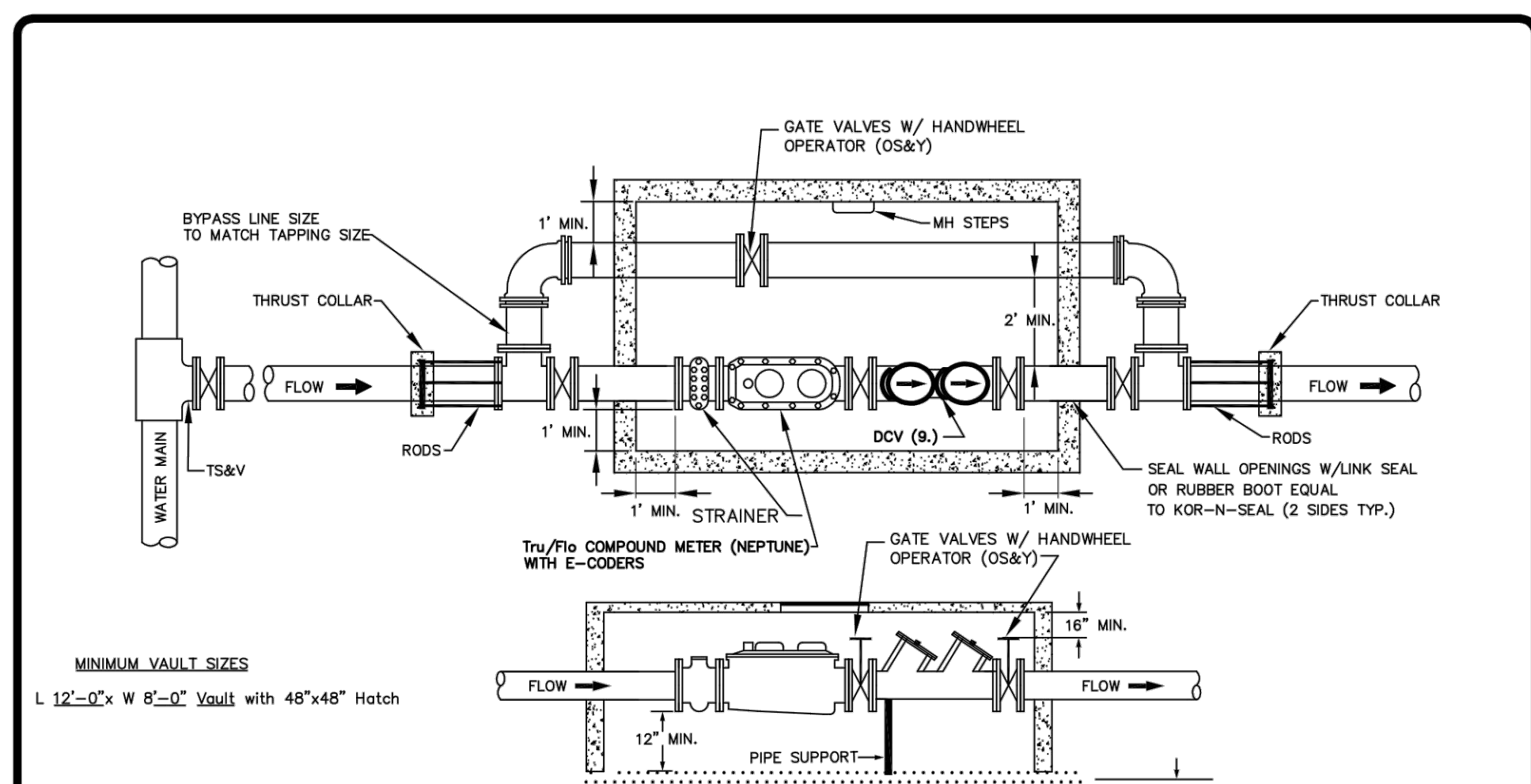
- VAULT - 3000 PSI REINFORCED CONCRETE.
- TOP OF VAULT ELEVATION TO BE 3" - 6" ABOVE FINISH GRADE.
- ALUMINUM HATCH EQUAL TO BILCO, 150 PSF, STAINLESS STEEL HWWR.
- VAULT MFR. SHALL CAST HATCH FLUSH IN TOP SLAB.
- PROVIDE MIN. 4" COVER OVER LINES OR PER APPROVED SITE DWGS.
- DIP = FC 350; RESTRAIN MJ W/MEGA-LUGS FOR BURIED SERVICE, FIELD-LOK OR TR-FLEX RJ FOR PUSH-ON JTS.
- CLASS 125 FLANGE JOINTS INSIDE VAULT; FLANGE DIP = THICKNESS CLASS 53.
- PRESSURE TEST AND DISINFECT IN ACCORDANCE W/AWWA.
- DCV (DOUBLE CHECK VALVE) - TESTABLE PER AWWA STANDARDS.

SUGGESTED DEVICES:

AMES - Model #DCDA
FEBCO - Model #806 Type YD
HERSEY - Model #3001
WILKINS - Model #950 DA
WATTS - Model #709 DDC
OR APPROVED EQUAL

GATE VALVES W/ HANDWHEEL OPERATOR (OS&Y)

**FIRE LINE SERVICE CONNECTION
AND POTABLE WATER METER
2" & UNDER
NOT TO SCALE**
STANDARD DRAWING No. A-21



MINIMUM VAULT SIZES

L 12'-0" x W 8'-0" Vault with 48"x48" Hatch

SPECIFICATIONS

- VAULT - 3000 PSI REINFORCED CONCRETE.
- TOP OF VAULT ELEVATION TO BE AT LEAST 3" - 6" ABOVE FINISH GRADE.
- ALUMINUM HATCH EQUAL TO BILCO, 150 PSF, STAINLESS STEEL HWWR.
- VAULT MFR. SHALL CAST HATCH FLUSH IN TOP SLAB.
- PROVIDE MIN. 4" COVER OVER LINES OR PER APPROVED SITE DWGS.
- DIP = FC 350; RESTRAIN MJ W/MEGA-LUGS FOR BURIED SERVICE, FIELD-LOK OR TR-FLEX RJ FOR PUSH-ON JTS.
- CLASS 125 FLANGE JOINTS INSIDE VAULT; FLANGE DIP = THICKNESS CLASS 53.
- PRESSURE TEST AND DISINFECT IN ACCORDANCE W/AWWA.
- DCV (DOUBLE CHECK VALVE) - TESTABLE PER AWWA STANDARDS.

SUGGESTED DEVICES:

AMES - Model #DCDA
FEBCO - Model #806 Type YD
HERSEY - Model #3001
WILKINS - Model #950 DA
WATTS - Model #709 DDC
OR APPROVED EQUAL

**LARGE WATER METER CONNECTION
FROM 3" TO 6" METERS
FOR COMBINED POTABLE AND FIRE FLOW
NOT TO SCALE**
STANDARD DRAWING No. A-19



georgia civil
CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
LAND SURVEYING
311 N. Main St. Ste. 101, Unit C
P.O. Box 896 | Madison, GA 30650
P: 706.342.1104 | F: 706.342.1105
www.georgiacivil.com
Professional Seal



ROCKDALE COUNTY FIRE STATION #10
3100 NE HIGHWAY 138
CONYERS, GA 30012
ZONING: WP-WATERSHED PROTECTION DISTRICT

DRAWING DATE:	07.19.22
DRAWN BY:	MSF
CHECKED BY:	JPB
REVISIONS	
DATE:	DESCRIPTION:
10.21.22	COUNTY COMMENTS

© Copyright 2022 georgia civil, inc.
This document and its reproduction are the property of Georgia Civil, Inc. and may not be reproduced, published, or used in whole or in part without the written consent of Georgia Civil, Inc.

SITE WORK DETAILS

Sheet Number

C-8.2