

NOTES:

1. ALL NEW WORK SHOWN IN THESE PLANS SHALL COMPLY WITH APPLICABLE STATE, FEDERAL AND LOCAL BUILDING AND UTILITY INSTALLATION CODES.
2. NO WORK SHALL COMMENCE, INCLUDING DEMOLITION, UNTIL ALL APPLICABLE EROSION CONTROL MEASURES HAVE BEEN INSTALLED, INSPECTED BY THE PROJECT ENGINEER, AND APPROVED.
3. 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.

DEMOLITION NOTES:

1. ALL DEMOLITION TO BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS.
2. TREES FOR REMOVAL ARE MARKED WITH A DEMOLITION "X".
3. CLEAR AND GRUB ALL AREAS WITHIN POND AND ROADWAY FOOTPRINTS.

FLOOD ZONE NOTE:

ACCORDING TO THE FEDERAL INSURANCE ADMINISTRATION FLOOD HAZARD BOUNDARY MAP NO. 12023C0382D, DATED NOVEMBER 2, 2018, THE ABOVE DESCRIBED PROPERTY IS LOCATED IN FLOOD HAZARD AREAS "X-UNSHADED" AS DETERMINED BY GRAPHIC SCALING.

BENCHMARK INFORMATION:

TBM #1 - X MARK ON BOLT (MUE"BOLT"LLER)
ELEV = 94.17'

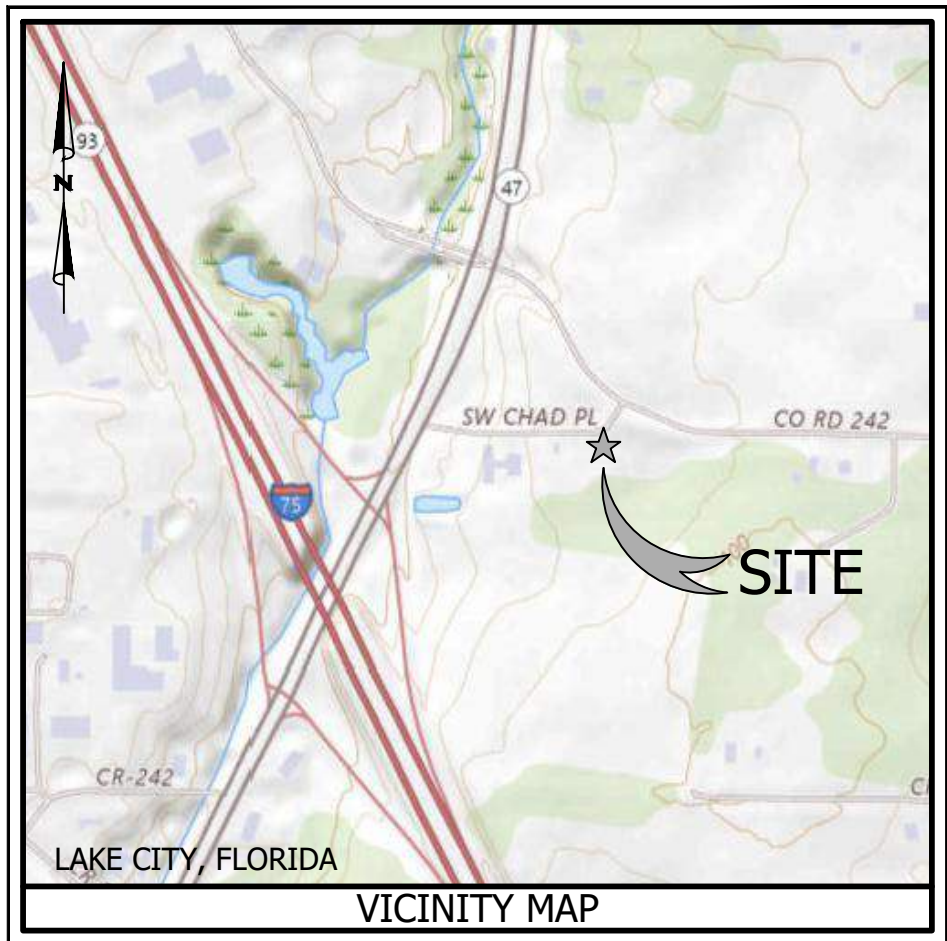
LEGAL DESCRIPTION:

PARCEL 1:
COMMENCE AT THE NORTHEAST CORNER OF THE NORTHWEST QUARTER OF SECTION 30, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA; THENCE SOUTH 00°17'22" EAST A DISTANCE OF 21.65 FEET TO A POINT ON THE NORTH MARGIN OF THE RIGHT OF WAY OF COUNTY ROAD 242A FOR THE POINT OF BEGINNING OF THE PROPERTY HEREIN DESCRIBED AND MARKED BY A CAPPED IRON ROD (REBAR); THENCE DEPARTING SAID SOUTH MARGIN SOUTH 01°05'22" EAST A DISTANCE OF 414.75 FEET TO A POINT MARKED BY A CONCRETE MONUMENT; THENCE NORTH 89°55'22" WEST A DISTANCE OF 629.81 FEET TO A POINT MARKED BY A CONCRETE MONUMENT; THENCE NORTH 01°04'10" WEST A DISTANCE OF 264.18 FEET TO A POINT MARKED BY A CAPPED IRON ROD (REBAR); THENCE SOUTH 89°53'03" EAST A DISTANCE OF 292.16 FEET TO A POINT MARKED BY A CAPPED IRON ROD (REBAR); THENCE NORTH 01°09'13" WEST A DISTANCE OF 150.99 FEET TO A POINT MARKED BY A CAPPED IRON ROD (REBAR); THENCE SOUTH 89°53'08" EAST A DISTANCE OF 337.73 FEET TO THE POINT OF BEGINNING, CONTAINING 217.173 SQUARE FEET, (4.986 ACRES), MORE OR LESS.

PARCEL 2:
EASEMENT AS SET FORTH IN THAT CERTAIN GRANT OF EASEMENT AS RECORDED IN BOOK 1489, PAGE 1282 OF OFFICIAL RECORDS IN COLUMBIA COUNTY, FLORIDA.

Perry
C
Jinright

Digitally signed by Perry C
Jinright
DN: C=US, O=Unaffiliated,
dnQualifier=A01410D0000
018E0B668893000C0126,
CN=Perry C Jinright
Reason: I have reviewed
this document
Location:
Date: 2025-03-27 16:09:
11
Foxit PhantomPDF
Version: 9.3.0



LEGEND

- AXLE
CMF
OTF
CRF
CRS
- CENTERLINE
EXIST. PROPERTY LINE
PROPERTY LINE (ADJACENT)
EXIST. EASEMENT LINE
EXIST. OVERHEAD UTILITY AND UTILITY POLE
EXIST. GUY WIRE AND UTILITY POLE
EXIST. WATER LINE
EXIST. SANITARY SEWER LINE
EXIST. GAS LINE
EXIST. UNDER GROUND CABLE LINE
EXIST. FIBER OPTIC CABLE LINE
EXIST. TELEPHONE LINE
EXIST. FENCE LINE
EXIST. PIPE
EXIST. 5 FOOT CONTOUR
EXIST. GRADE SPOT ELEVATION
EXIST. POWER POLE
EXIST. LIGHT POLE
EXIST. ELECTRICAL BOX
EXIST. WATER METER
EXIST. WATER VALVE
EXIST. WATER WELL
EXIST. FIRE HYDRANT
EXIST. SANITARY SEWER MANHOLE
EXIST. GAS VALVE
EXIST. GAS LINE MARKER
EXIST. FIBER OPTIC CABLE BOX
EXIST. FIBER OPTIC CABLE POST
EXIST. FIBER OPTIC CABLE MANHOLE
EXIST. TELEPHONE BOX
EXIST. STORM SEWER MANHOLE
EXIST. ASPHALT PAVING
EXIST. CONCRETE
EXIST. GRAVEL
TO BE REMOVED
TO BE REMOVED
TO BE REMOVED
- BENCHMARK
EXISTING AXLE FOUND
CONCRETE MONUMENT FOUND
OPEN TOP IRON PIPE FOUND
CAPPED ROD FOUND
CAPPED ROD SET
RIGHT-OF-WAY
CENTERLINE
EXIST. PROPERTY LINE
PROPERTY LINE (ADJACENT)
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EXIST. GRAVEL
TO BE REMOVED
TO BE REMOVED
TO BE REMOVED

INDEX TO SHEETS:

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C4	GRADING & DRAINAGE PLAN
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C7	CIVIL CONSTRUCTION NOTES
C8	CIVIL CONSTRUCTION DETAILS (1)
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C11	CIVIL CONSTRUCTION DETAILS (4)
C12	EROSION CONTROL PLAN
C13	EROSION CONTROL DETAILS
C14	EMERGENCY ACCESS PLAN

PREPARED FOR:

HSC LAKE CITY SOUTH, LLC
P.O. BOX 130
DAPHNE, AL 36526
(251) 243-0708
(251) 252-9898 (FAX)

SURVEY PROVIDED BY:



UTILITY INFORMATION

CONTRACTOR SHALL HAVE ALL EXISTING BURIED UTILITIES "LINE SPOTTED" BY CALLING 1-800-432-4770 (SUNSHINE 811) OR BY CONTACTING LOCAL UTILITY COMPANIES

WATER:

CITY OF LAKE CITY
SHASTA M. PELHAM
173 NW HILLSBORO ST.
LAKE CITY, FL 32055
PHONE: 386-719-5786

POWER:

CLAY ELECTRIC
CRAIG WACHA
1797 FL-47 N
LAKE CITY, FL 32025
PHONE: 386-752-7447

EXISTING UTILITIES DISCLAIMER:

EXISTING UTILITIES INDICATED ON THESE PLANS ARE BASED ON AVAILABLE INFORMATION. CONTRACTOR IS REQUIRED TO VERIFY LOCATION, BURY DEPTH, SIZE AND MATERIAL TYPE PRIOR TO ANY UTILITY IMPROVEMENTS. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES THAT ARE FOUND.



EXISTING CONDITIONS & DEMOLITION PLAN
TSC LAKE CITY SOUTH, FL
HSC LAKE CITY SOUTH LLC

JOB NO: 24-1941.20
SCALE: 1" = 30'
DATE: MARCH 2025
DRAFTER: JP/TVML
SHEET: C1

NOTES TO CONTRACTOR:

1. EVERY EFFORT HAS BEEN MADE TO ENSURE THAT THE BUILDING INDICATED IN THESE DRAWINGS MATCHES THE ARCHITECTS LATEST BUILDING AND FOUNDATION PLAN. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONFIRM THE AGREEMENT BETWEEN THE BUILDING FOOT PRINT SHOWN IN THESE PLANS AND THE ARCHITECTS BUILDING FOOTPRINT AND FOUNDATION PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
2. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ANY EXISTING SLOPES AND INFRASTRUCTURES ON THE SITE (I.E. PONDS, INLETS, ETC.).
3. CONTRACTOR TO VIDEO ALL EXISTING SEWER AND DRAIN LINES TO ENSURE THEY ARE CLEAR AND IN PROPER WORKING ORDER. PROVIDE VIDEO TO THE OWNER.
4. AFTER THE STORM DRAIN SYSTEM IS COMPLETED THE CONTRACTOR SHALL VIDEO THE SYSTEM AND SUBMIT VIDEO TO THE OWNER FOR REVIEW.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE SITE FOR THE DURATION OF THE PROJECT.
6. ALL EARTHWORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH GEOTECHNICAL RECOMMENDATIONS.
7. ALL CONDUIT LOCATIONS FOR POWER, TELEPHONE, AND CABLE SHALL BE COORDINATED WITH ARCHITECTURAL PLANS AND LOCAL UTILITY PROVIDERS.

PARKING STRIPING NOTE:

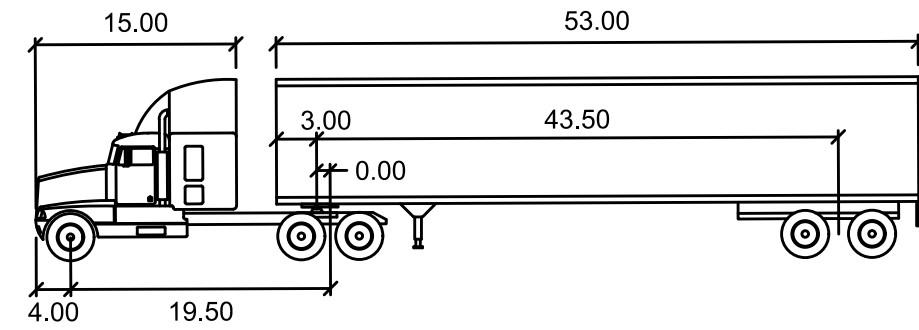
PARKING STRIPES ON CONCRETE SHOULD ALWAYS BE YELLOW AND PARKING STRIPES ON ASPHALT SHOULD ALWAYS BE WHITE UNLESS OTHERWISE SPECIFIED IN THE CONSTRUCTION DOCUMENTS.

PROPOSED JOINT LAYOUT:

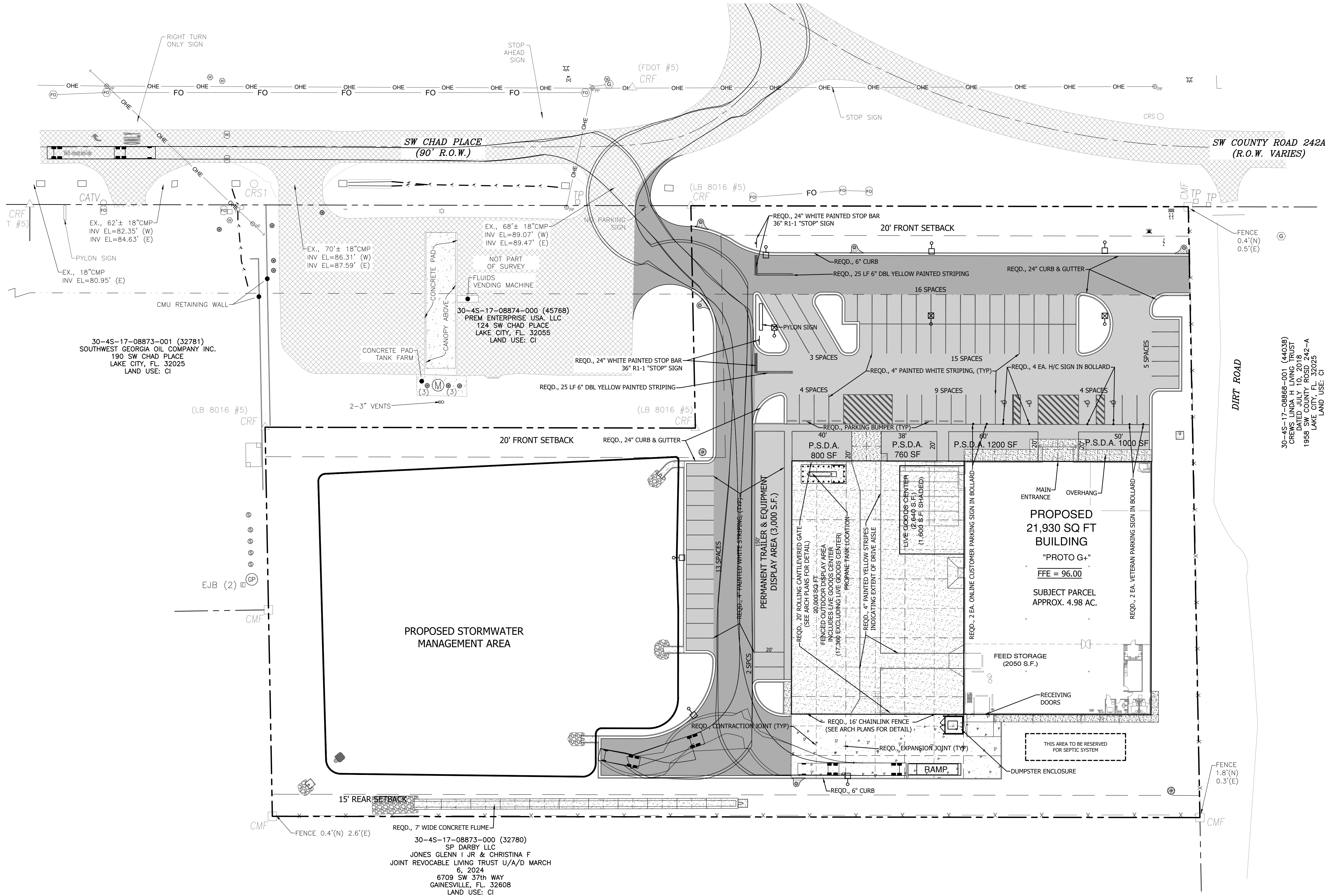
- PROPOSED CONTRACTION/SAWCUT JOINT
- - - - - PROPOSED EXPANSION JOINT

SPEED
LIMIT
45

POSTED SPEED LIMIT



WB-65	feet	
Tractor Width	: 8.00	Lock to Lock Time : 6.00
Trailer Width	: 8.50	Steering Angle : 28.40
Tractor Track	: 8.00	Articulating Angle : 70.00
Trailer Track	: 8.50	



LEGEND

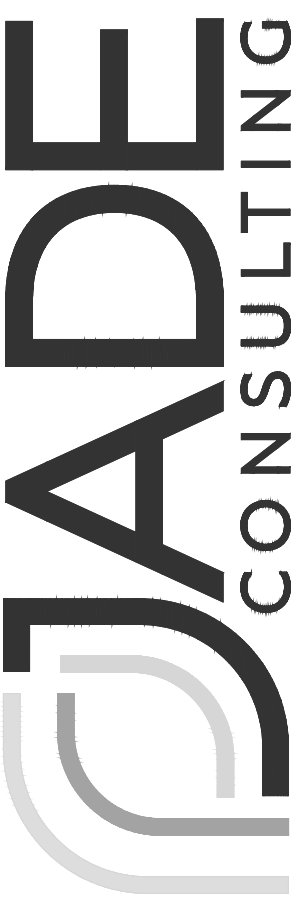
- AXLE EXISTING AXLE FOUND
CMF CONCRETE MONUMENT FOUND
OTF OPEN TOP IRON PIPE FOUND
CRF CAPPED ROD FOUND
CRS CAPPED ROD SET
CENTERLINE CENTERLINE
EXIST. PROPERTY LINE EXIST. PROPERTY LINE
PROPERTY LINE (ADJACENT) EXIST. EASEMENT LINE
EXIST. EASEMENT LINE
OHE EXIST. OVERHEAD UTILITY AND UTILITY POLE
GUY EXIST. GUY WIRE AND UTILITY POLE
WV EXIST. WATER LINE
SS EXIST. SANITARY SEWER LINE
GAS EXIST. GAS LINE
UGC EXIST. UNDER GROUND CABLE LINE
FO EXIST. FIBER OPTIC CABLE LINE
TEL EXIST. TELEPHONE LINE
FENCE EXIST. FENCE LINE
PIPE EXIST. PIPE
PROPOSED PROPERTY LINE PROPOSED PROPERTY LINE
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PROPOSED SETBACK LINE PROPOSED SETBACK LINE
PROPOSED 24" CONCRETE CURB & GUTTER PROPOSED 24" CONCRETE CURB & GUTTER
PROPOSED 6" CONCRETE CURB EXIST. POWER POLE
EXIST. LIGHT POLE
EXIST. ELECTRICAL BOX
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EXIST. GRAVEL
PROPOSED LIGHT DUTY ASPHALT
PROPOSED HEAVY DUTY ASPHALT
PROPOSED LIGHT DUTY CONCRETE (BROOM FINISH)
PROPOSED HEAVY DUTY CONCRETE (BROOM FINISH)

THIS SHEET HAS BEEN DIGITALLY SIGNED AND SEALED BY PERRY CLOZE
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND
VALID UNLESS THE SIGNATURE AND SEAL ARE REPRODUCED EXACTLY AS SHOWN

30-4S-17-08868-01 (44038)
CREWS LINDA H LIVING TRUST
DATED JULY 10, 2018
1956 S.W. COUNTY ROAD 242-A
LAKE CITY, FL 32025
LAND USE: CI

SITE DATA TABLE

STATE OF FLORIDA COUNTY OF COLUMBIA CITY OF LAKE CITY		
TAX PARCEL ID:	30-4S-17-08874-001	
ZONING:	C-1 (GENERAL BUSINESS)	
ACERAGE:	APPROX. 4.89 ACRES	
PROPOSED COVERAGE:	±11% (APPROX. 23,530 SF)	
BUILDING SETBACKS:		
FRONT:	20'	
SIDE:	N/A	
REAR:	15'	
LANDSCAPE BUFFERS:		
FRONT:	N/A	
SIDE:	N/A	
REAR:	N/A	
PARKING STANDARDS:		
VEHICLE PARKING:	REQUIRED:	PROVIDED:
	21,930 SF / 350 SF 26,760 SF / 1000 SF = <u>90</u> SPACES	70 SPACES (INC. 4 H/C) *VARIANCE V241104 APPROVED ON 12-12-24 AT BOA MEETING



Jinright & Associates Development Engineers
208 Green Road North
Fairhope, Alabama 36532
P.O. Box 1129 Fairhope, Alabama 36535
Phone: (251) 928-3443 Fax: (251) 928-3665
jadesengineers.com FL CA-27024



NO.	REVISION	DATE	APPR.
1.	ISSUE FOR SCHEDULE 1	3/27/25	

SITE PLAN
TSC LAKE CITY SOUTH, FL
HSC LAKE CITY SOUTH LLC

JOB NO: 24-1941.20
SCALE: 1" = 30'
DATE: MARCH 2025
DRAFTER: JP/TVML
SHEET: C2

NOTES TO CONTRACTOR:

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DIMENSION NOTE:

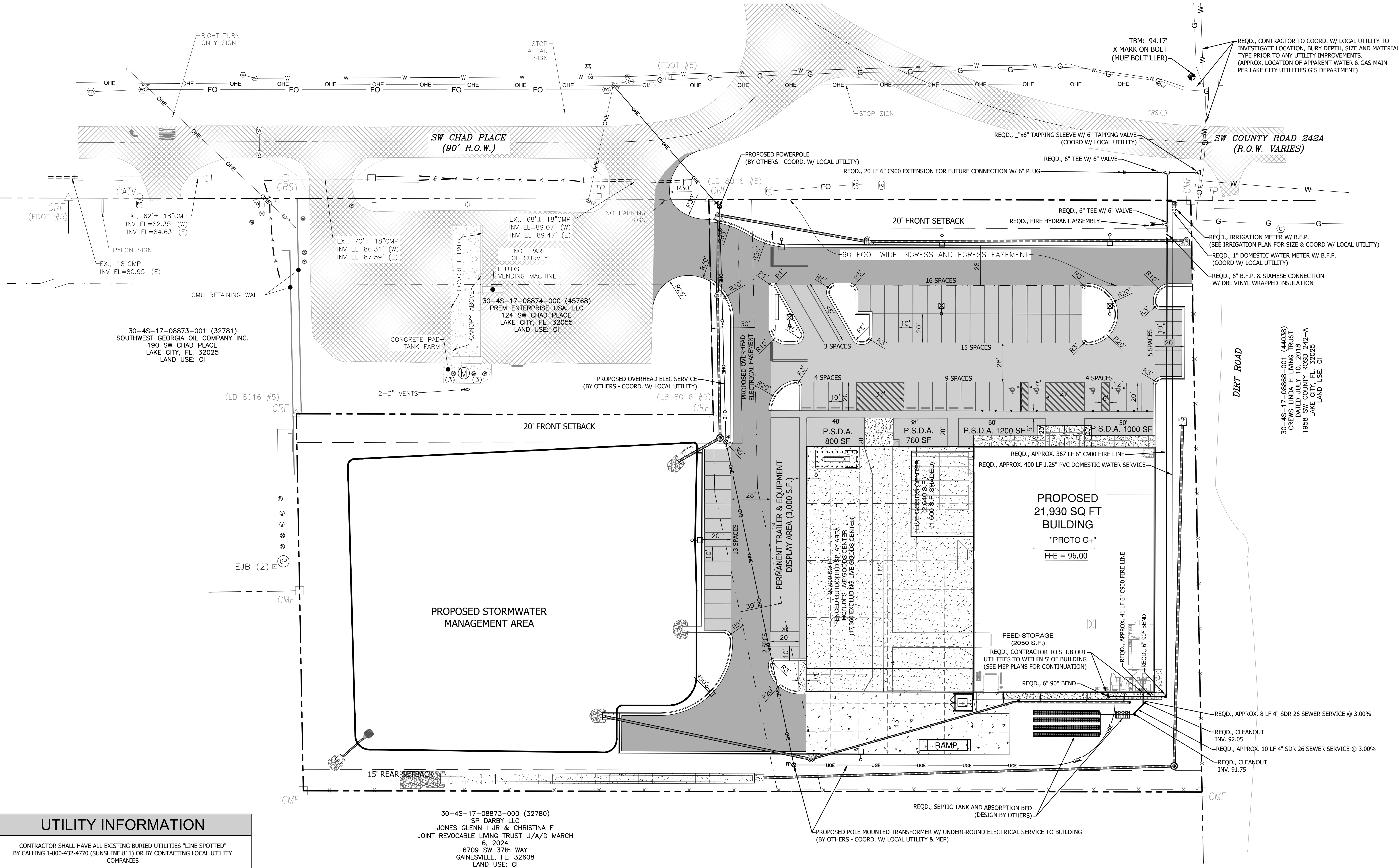
DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.

UTILITY NOTE:

CONTRACTOR TO STUB OUT UTILITIES TO WITHIN 5' OF BUILDING. COORDINATE WITH PLUMBING PLANS FOR CONNECTION.

PROPOSED JOINT LAYOUT:

- PROPOSED CONTRACTION/SAWCUT JOINT
- PROPOSED EXPANSION JOINT



LEGEND

- AXLE
- CMF
- OTF
- CRF
- CRS
- CENTERLINE
- EXIST. PROPERTY LINE
- PROPERTY LINE (ADJACENT)
- EXIST. EASEMENT LINE
- EXIST. OVERHEAD UTILITY AND UTILITY POLE
- EXIST. GUY WIRE AND UTILITY POLE
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BENCHMARK INFORMATION:

- TBM #1 - X MARK ON BOLT (MUE"BOLT"LLER)
- ELEV = 94.17'

SURVEY PROVIDED BY:

SMITH & ASSOCIATES
land surveyors

Physical Address: 2111 S. Hwy. 31, Suite 100, Spanish Fort, AL 36587
Mailing Address: P.O. Box 1682, Spanish Fort, AL 36587
Phone: (251) 424-8484

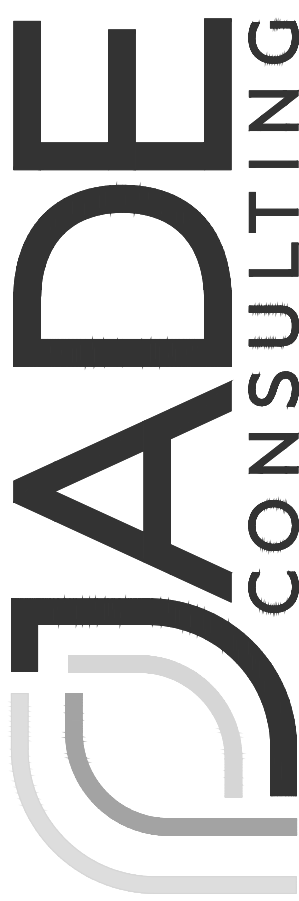
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WATER & GAS:	CITY OF LAKE CITY SHASTA M. PELHAM 173 NW HILLSBORO ST. LAKE CITY, FL 32055 PHONE: 386-719-5786 pelham@icfla.com
POWER:	CLAY ELECTRIC CRAIG WACHA 1797 FL 47 N LAKE CITY, FL 32025 PHONE: 386-961-0106 or 386-752-7447 (OFFICE) 386-867-1978 (CELL) cwacha@clayelectric.com
TELEPHONE:	AT&T FLORIDA SCOTT A. PEELER 400 SW 2ND AVE GAINESVILLE, FL 32601 PHONE: 352-213-4188 sp9109@att.com

EXISTING UTILITIES DISCLAIMER:

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Jinright & Associates Development Engineers
208 Green Road North
Fairhope, Alabama 36532
P.O. Box 1929
Fairhope, Alabama 36535
Phone: (251) 928-3443
Fax: (251) 928-3605
jadesengineers.com



NO.	REVISION	DATE	APPR.
1.	ISSUE FOR SCHEDULE I	3/27/25	

GEOMETRIC LAYOUT & UTILITY PLAN
TSC LAKE CITY SOUTH, FL
HSC LAKE CITY SOUTH LLC

JOB NO:	24-1941.20
SCALE:	1" = 30'
DATE:	MARCH 2025
DRAFTER:	JP/TVML
SHEET:	C3

NOTES TO CONTRACTOR:

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AS BUILT/RECORD DRAWINGS:

1. CONTRACTOR SHALL PROVIDE ENGINEER OF RECORD TWO SIGNED AND SEALED COPIES OF AS-BUILT DRAWINGS OF ALL FINISHED IMPROVEMENTS. CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS OF ALL FINISHED IMPROVEMENTS IN PDF AND DWG FORMAT.
2. AS-BUILT DRAWINGS TO BE PERFORMED AND CERTIFIED BY A FLORIDA LICENSED PROFESSIONAL LAND SURVEYOR.
3. AS-BUILT DRAWINGS SHALL BE SUBMITTED AFTER COMPLETION OF ALL IMPROVEMENTS AND PRIOR TO FINAL INSPECTION.
4. AS BUILT DRAWINGS SHALL INCLUDE, BUT NOT BE LIMITED TO:
 - A. DETAIL OF THE POND CONTROL STRUCTURE INCLUDING STRUCTURE TYPE, STRUCTURE SIZE, INVERT OF ALL PIPES, ORIFICES, WEIRS AND THE INVERT CONNECTIONS AT OFF-SITE CONVEYANCE SYSTEMS, GRATES AND SKIMMERS.
 - B. POND CONSTRUCTION DETAILS SHOWING THE POND TOPOGRAPHY, TOP OF THE POND BERM/WALL AND POND BOTTOM ELEVATIONS AND THE LOCATION OF SAND FILTERS.
 - C. SHOW ENTIRE STORM WATER CONVEYANCE SYSTEM INCLUDING THE SIZE TYPE AND INVERT OF ALL PIPES, CHANNELS, ROOF DRAIN SYSTEMS, STRUCTURES, CURBING AND SPOT SHOT ELEVATIONS IN VEHICLE USE AREAS. DRAINAGE STRUCTURES SHALL INCLUDE "X" AND "Y" COORDINATES.
 - D. SHOW ALL TRAFFIC CONTROL DEVICES INCLUDING SIGNS, SIGNALS, PARKING STRIPING AND PAVEMENT MARKINGS.
 - E. DELINEATE CONSERVATION AND DRAINAGE EASEMENT BOUNDARIES AND LABEL WITH THE "OR" BOOK AND PAGE NUMBER.D
 - F. ANY ADDITIONAL ITEMS REQUIRED BY PERMITTING JURISDICTION.

FOUNDATION FOOTING NOTE:

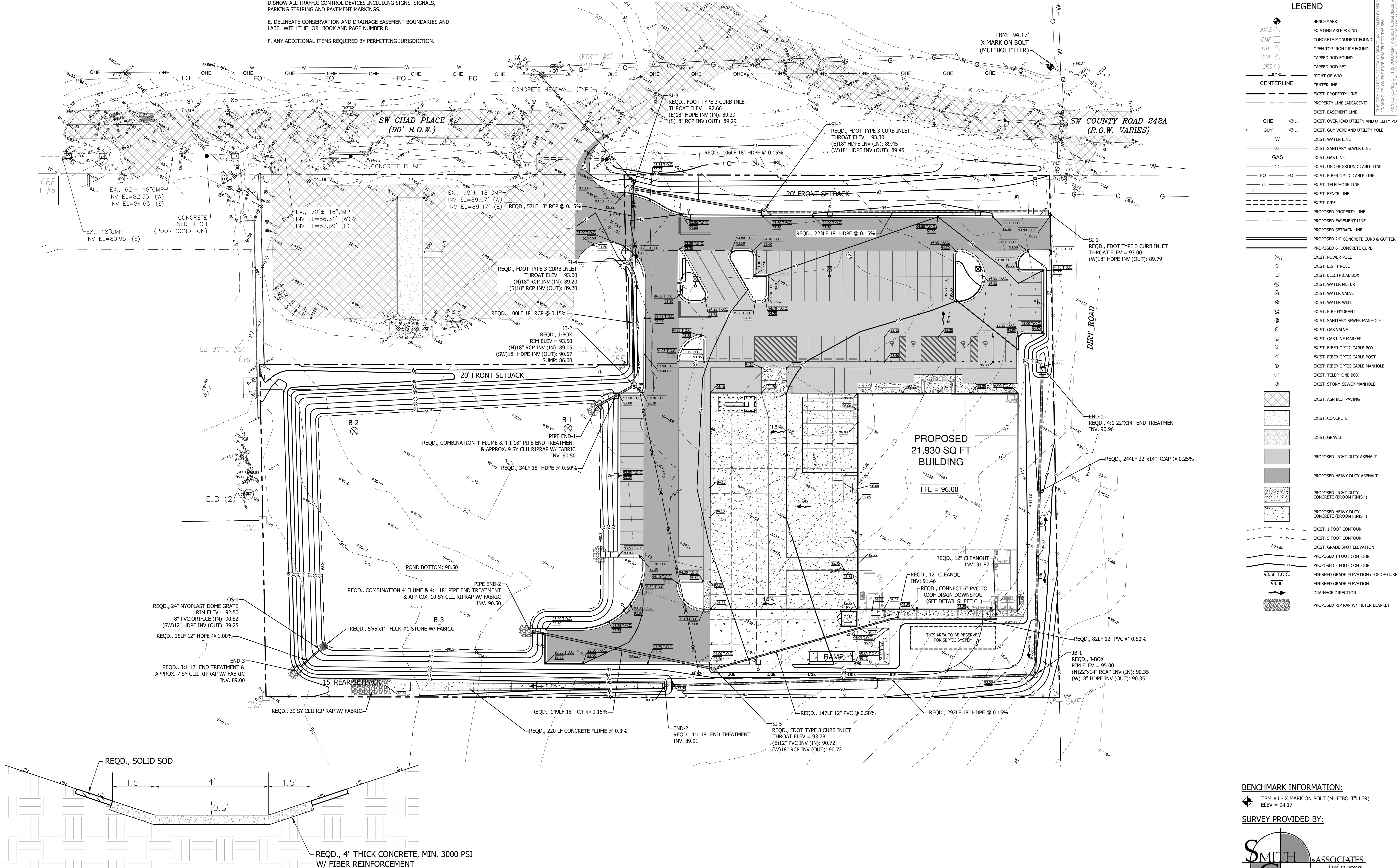
CONTRACTOR TO REVIEW SPOT ELEVATIONS IMMEDIATELY SURROUNDING BUILDING AT THE TIME OF FOOTING PREPARATION. CONTRACTOR TO ENSURE STRUCTURAL DETAILS MATCH CIVIL DESIGN AND ACCOUNT FOR ELEVATIONS TO ENSURE NO CONFLICT WITH FOOTING DEPTHS. CONTRACTOR TO INFORM ENGINEERS AND OWNER OF ANY DISCREPANCIES IMMEDIATELY UPON DISCOVERY AND ENSURE RESOLUTION BEFORE SCHEDULING FOOTINGS TO BE POURED.

ROOF DRAIN NOTE:

ALL ROOF DRAINS/DOWNSPOUTS SHALL BE DIRECTED TOWARDS THE STORMWATER MANAGEMENT FACILITY.

DRAINAGE INLET NOTE:

FOR ALL CURB INLETS, THE THROAT ELEVATION CALLED OUT ON THE PLANS IS THE GUTTER FLOW LINE ELEVATION.



TYPICAL SECTION OF CONCRETE FLUME

BENCHMARK INFORMATION:

- TBM #1 - X MARK ON BOLT (MUE"BOLT"LLER)
ELEV = 94.17'

SURVEY PROVIDED BY:

SMITH & ASSOCIATES
land surveyors

Physical Address: 21111 U.S. Hwy. 31, Suite 100, Spanish Fort, AL 36587
Mailing Address: P.O. Box 7082, Spanish Fort, AL 36587
(205) 426-8494

JADE CONSULTING

Jinright & Associates Development Engineers
208 Greens Road North, Fairhope, Alabama 36532
P.O. Box 129, Fairhope, Alabama 36535
Phone: (251) 928-3445 Fax: (251) 928-3665
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GRADING & DRAINAGE PLAN
TSC LAKE CITY SOUTH, FL
HSC LAKE CITY SOUTH LLC

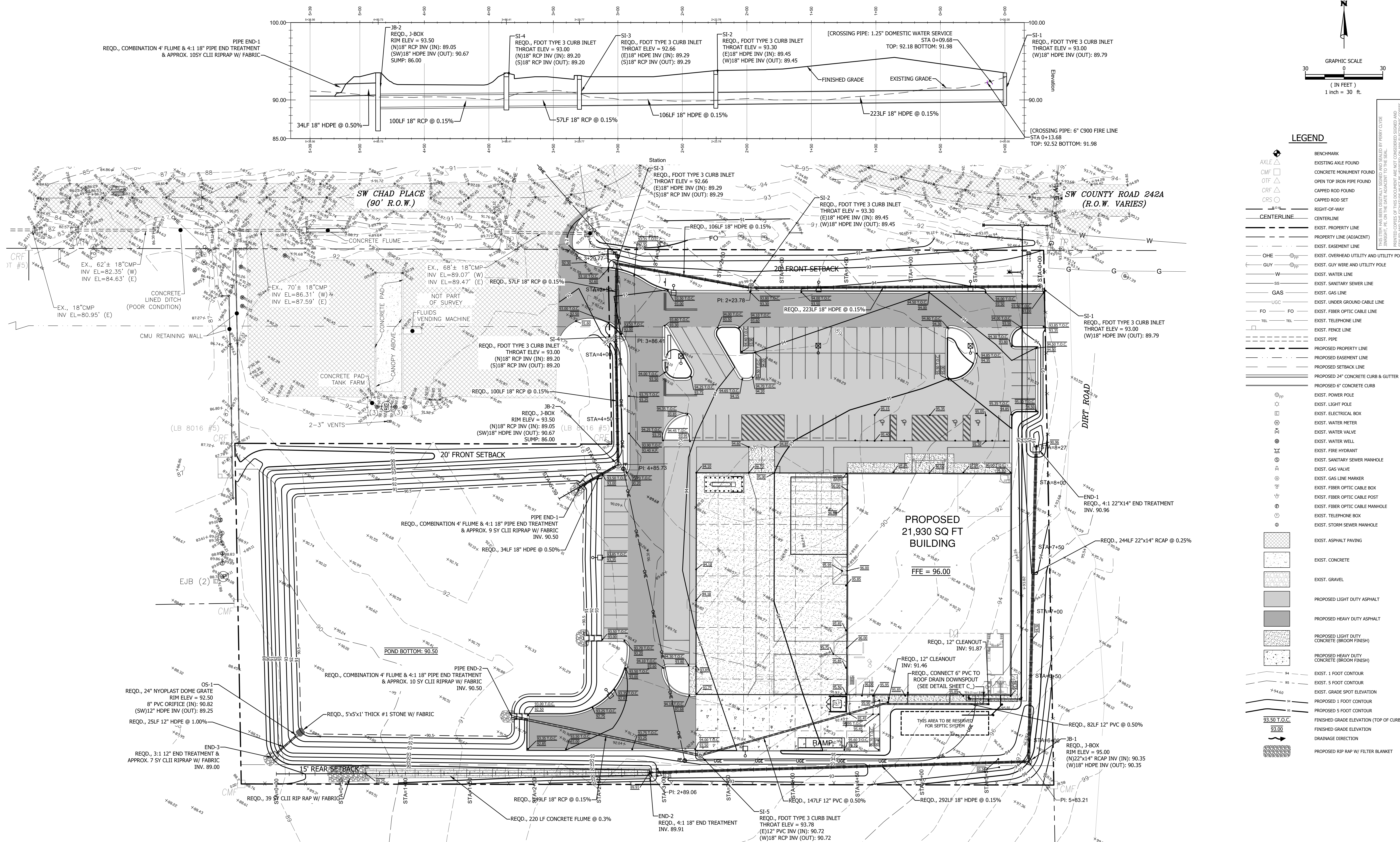
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Profile View of NORTH STORM NETWORK

Scale: 1"=30' Horizontal

1"=5' Vertical



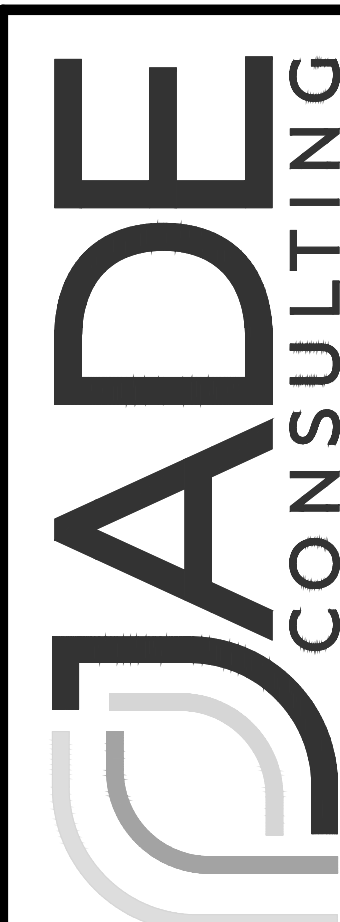
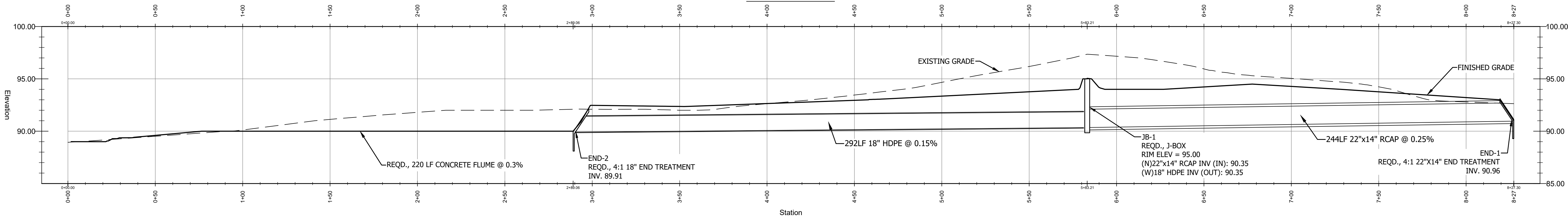
LEGEND

- AXLE (triangle symbol)
- CMF (square symbol)
- OTF (triangle symbol)
- CRF (square symbol)
- CRS (circle symbol)
- CENTERLINE (dashed line)
- OHE (circle symbol)
- GUY (circle symbol)
- W (circle symbol)
- SS (circle symbol)
- GAS (circle symbol)
- UCC (circle symbol)
- FO (circle symbol)
- TEL (circle symbol)
- PROPOSED PROPERTY LINE (dashed line)
- PROPOSED EASEMENT LINE (dashed line)
- PROPOSED SETBACK LINE (dashed line)
- PROPOSED 24\"/>

Profile View of SOUTH STORM NETWORK

Scale: 1"=30' Horizontal

1"=5' Vertical



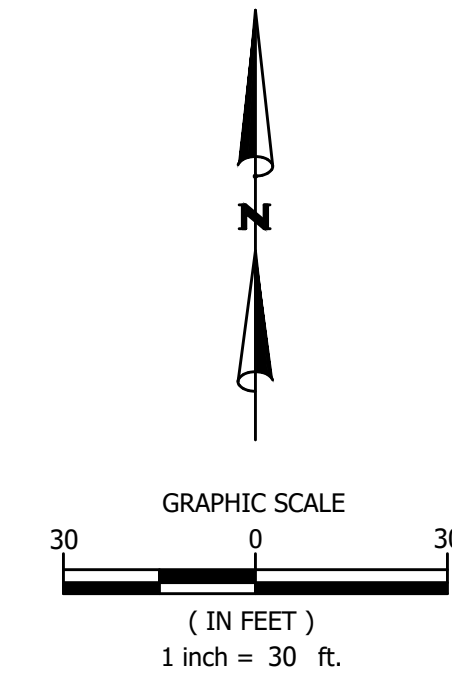
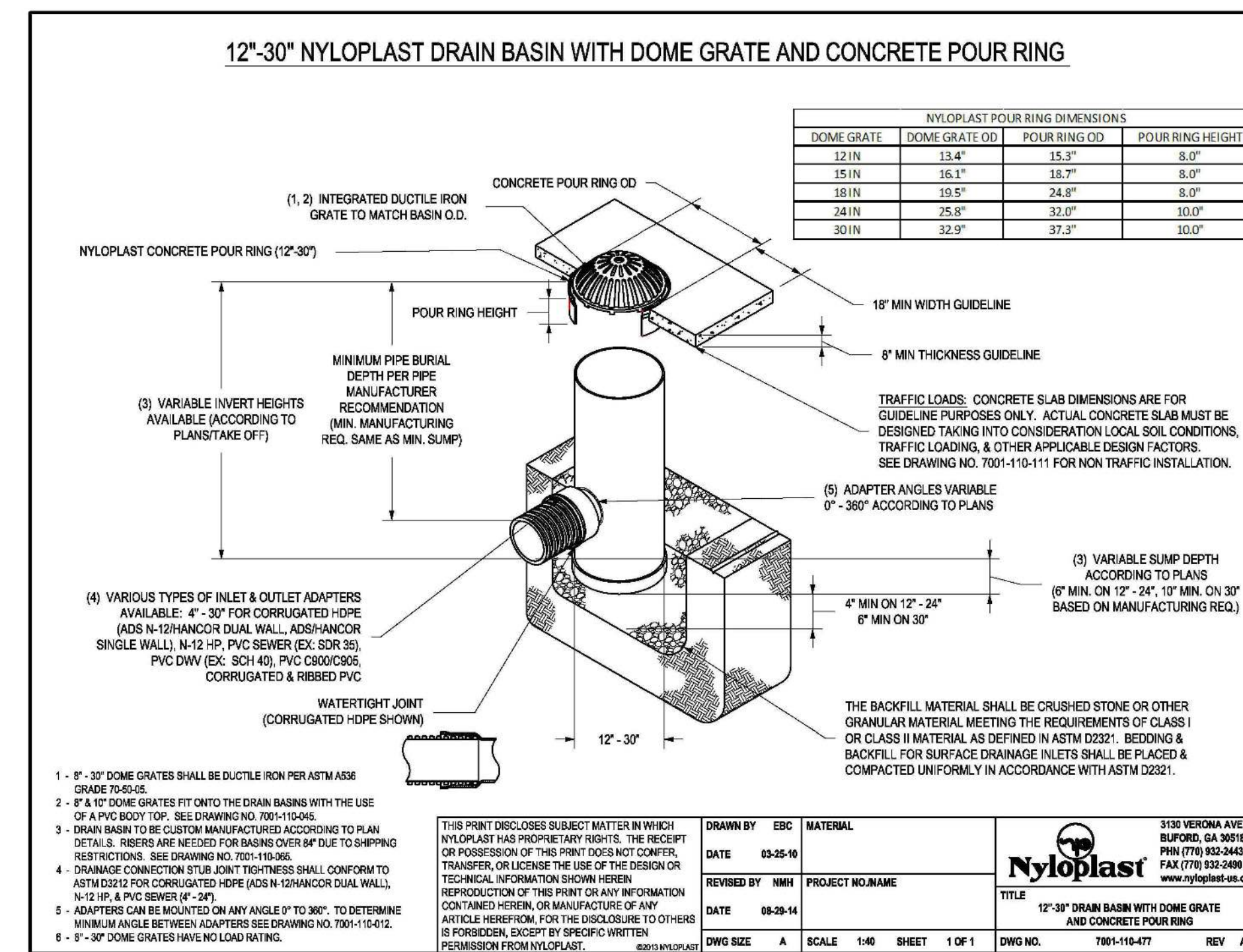
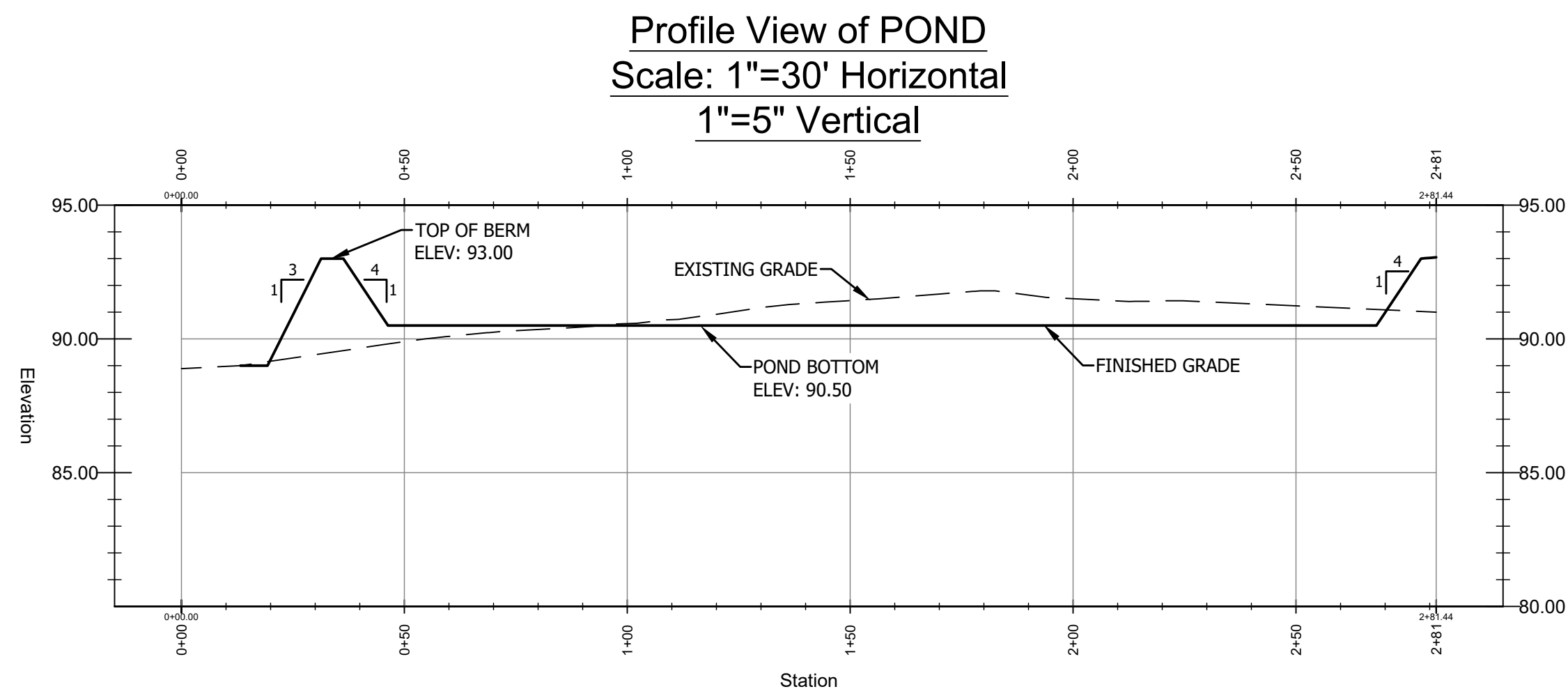
Jinright & Associates Development Engineers
208 Greens Road North
P.O. Box 1293
Fairhope, Alabama 36535
Phone: (251) 928-3443
Fax: (251) 928-3665
jadesengineers.com



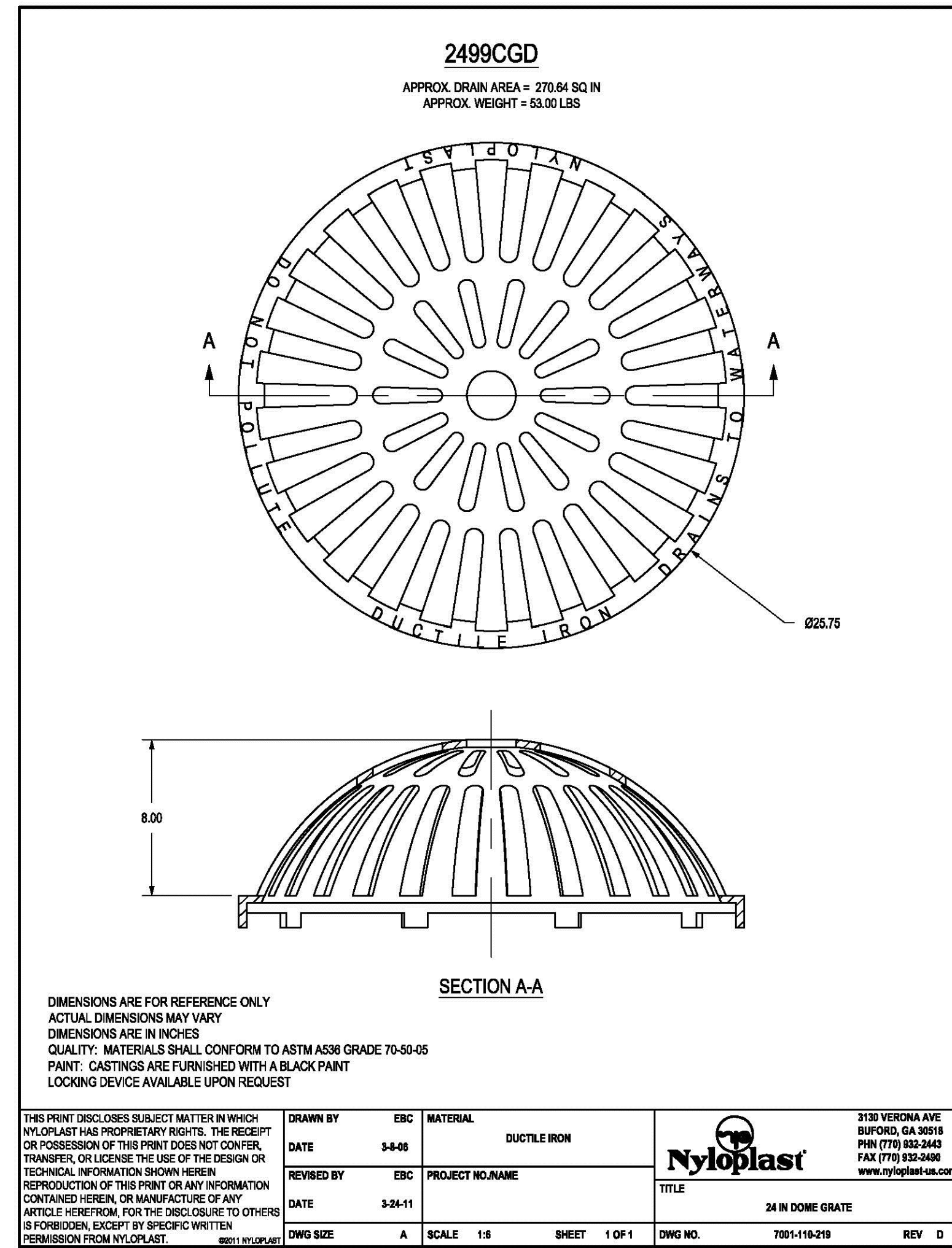
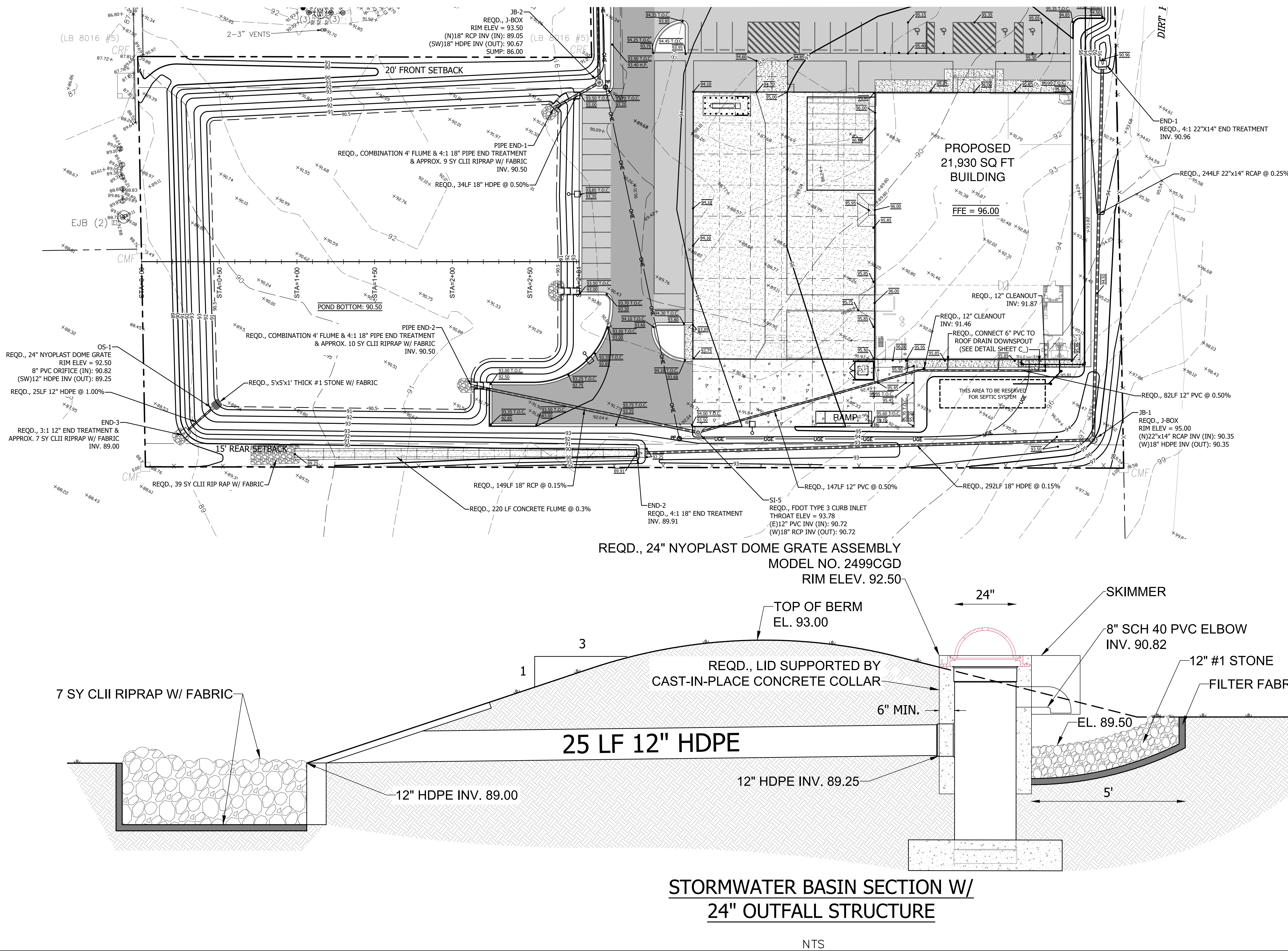
NO.	REVISION	DATE	APPR.
1.	ISSUE FOR SCHEDULE 1	3/27/25	

STORM PLAN & PROFILE
TSC LAKE CITY SOUTH, FL
HSC LAKE CITY SOUTH LLC

JOB NO: 24-1941.20
SCALE: 1" = 30'
DATE: MARCH 2025
DRAFTER: JP/TVML
SHEET: C5



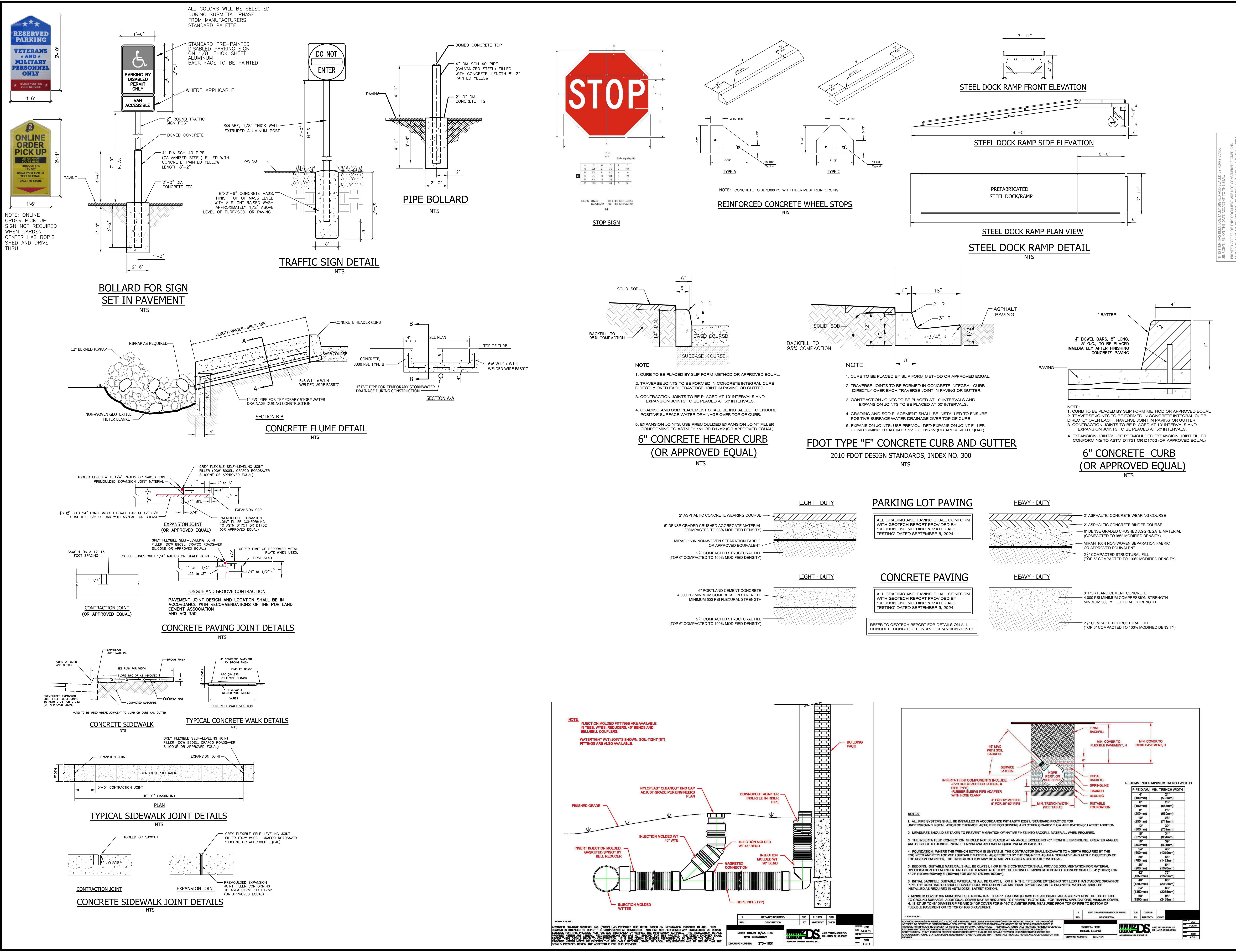
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FERRY CLOZE, P.E. ON THE DATE ADJACENT TO THE SEAL
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PROFESSIONAL ENGINEERING ACT



DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
QUALITY: MATERIALS SHALL CONFORM TO ASTM A538 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
LOADING DEVICE AVAILABLE UPON REQUEST

DRWN BY	ERC	MATERIAL	DUCTILE IRON
DATE	3-26-25	PROJECT NO.	24 IN DOME GRATE
REVISED BY	ERC	DATE	3-26-25
DRWG NO.	7001-116-019	SCALE	1:5
SHEET	1 OF 1	REV	0

C7



JADECONSULTING

Jinright & Associates Development Engineers
208 Green Road North
P.O. Box 1929
Fairhope, Alabama 36535
Phone: (251) 928-3443
Fax: (251) 928-3665
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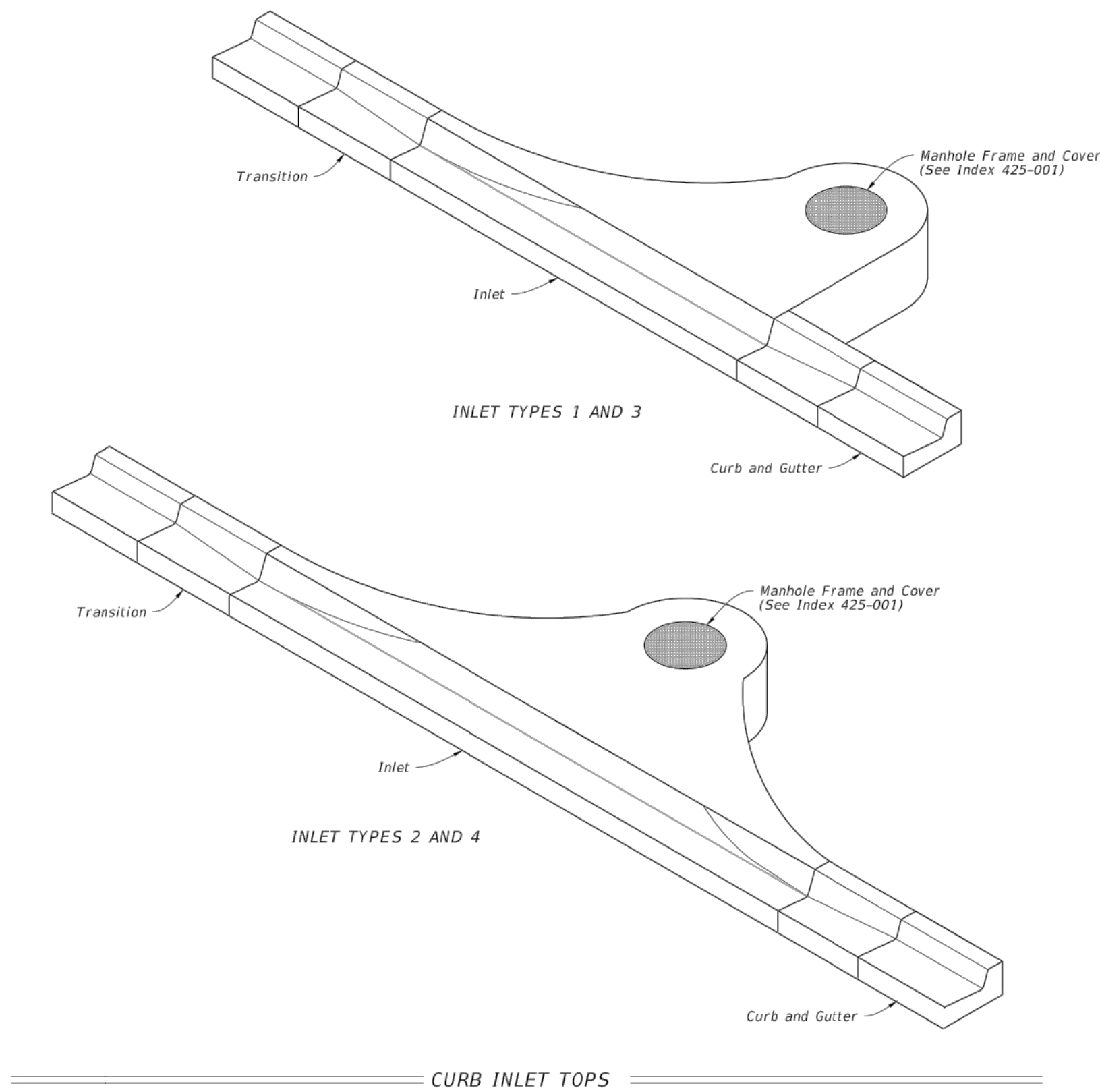
Professional Engineer
No. 61289
State of Alabama
3/27/2025

CIVIL CONSTRUCTION DETAILS (1)
TSC LAKE CITY SOUTH, FL
HSC LAKE CITY SOUTH LLC

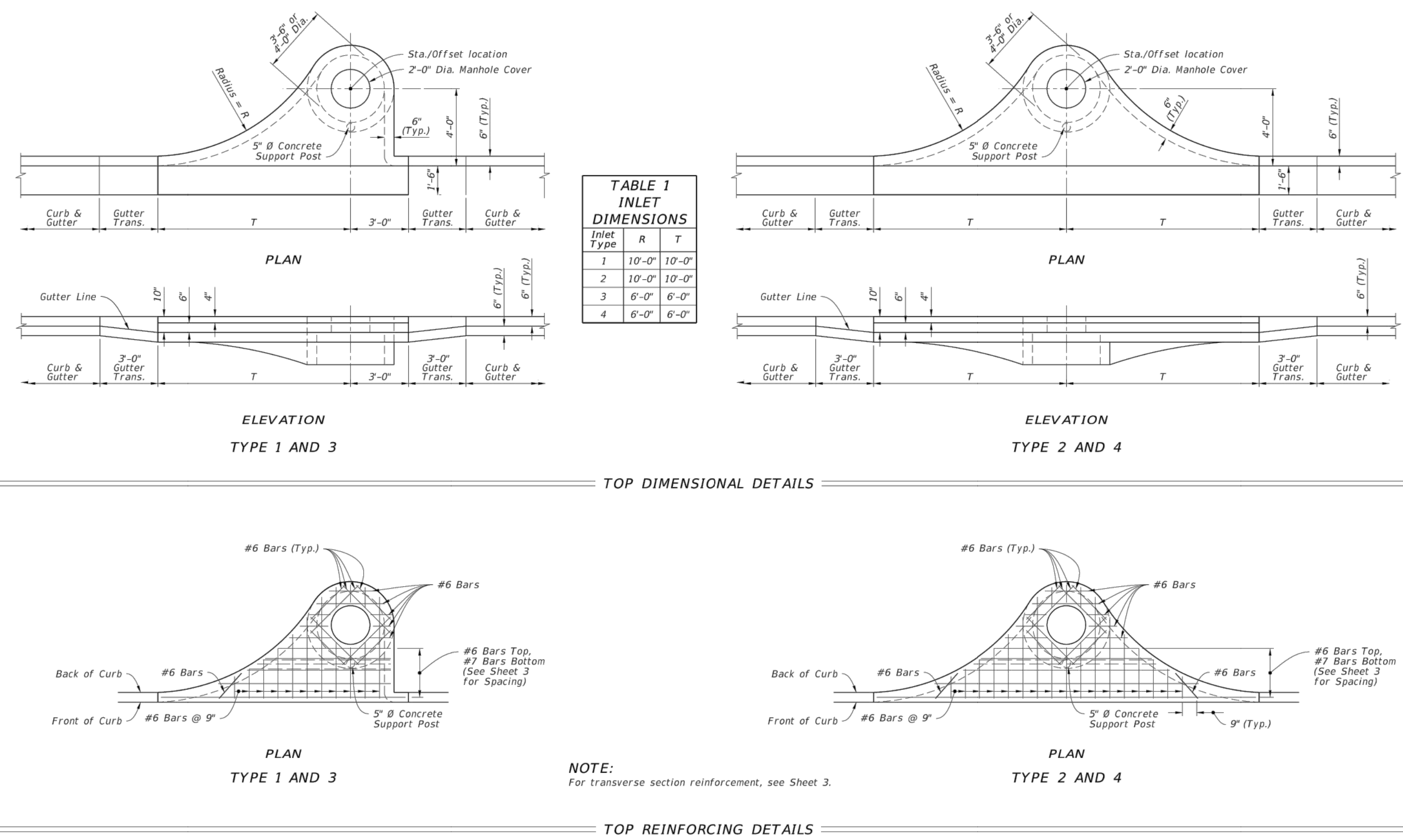
JOB NO: 24-1941.20
SCALE: N/A
DATE: MARCH 2025
DRAFTER: JPH/TM/L
SHEET: C8

- GENERAL NOTES:**
1. Work this Index with Index 425-001 and Index 425-010.
 2. Conform finished grade and slope of the Inlet Tops to the finished cross slope and grade of the adjacent sidewalk and/or border.
 3. Provide 1½" minimum cover for steel in the Inlet Top.
 4. Construction of Inlet Tops are either precast or cast-in-place.
 5. For precast units, the rear wall and apron may be precast as a separate piece from the top slab. Provide a minimum of 7 - #4 dowels, otherwise install in accordance with Index 425-001 "OPTIONAL CONSTRUCTION JOINTS".
 6. These inlets are designed for use with standard curb and gutter Type E and Type F.
 7. Use only round concrete support posts.

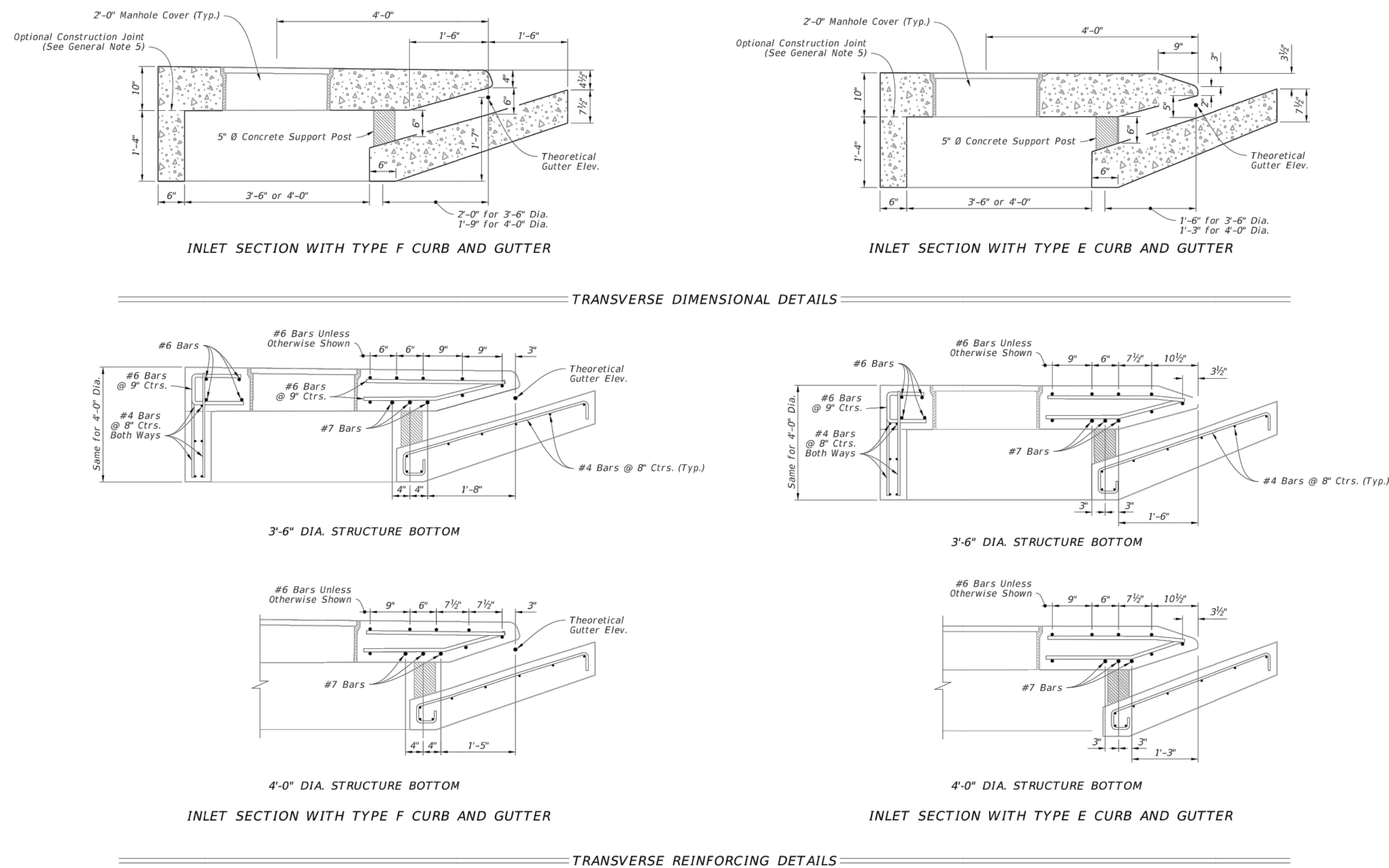
TABLE OF CONTENTS:	
Sheet	Description
1	General Notes and Contents
2	Top Dimensional and Reinforcing Details
3	Transverse Dimensional and Reinforcing Details



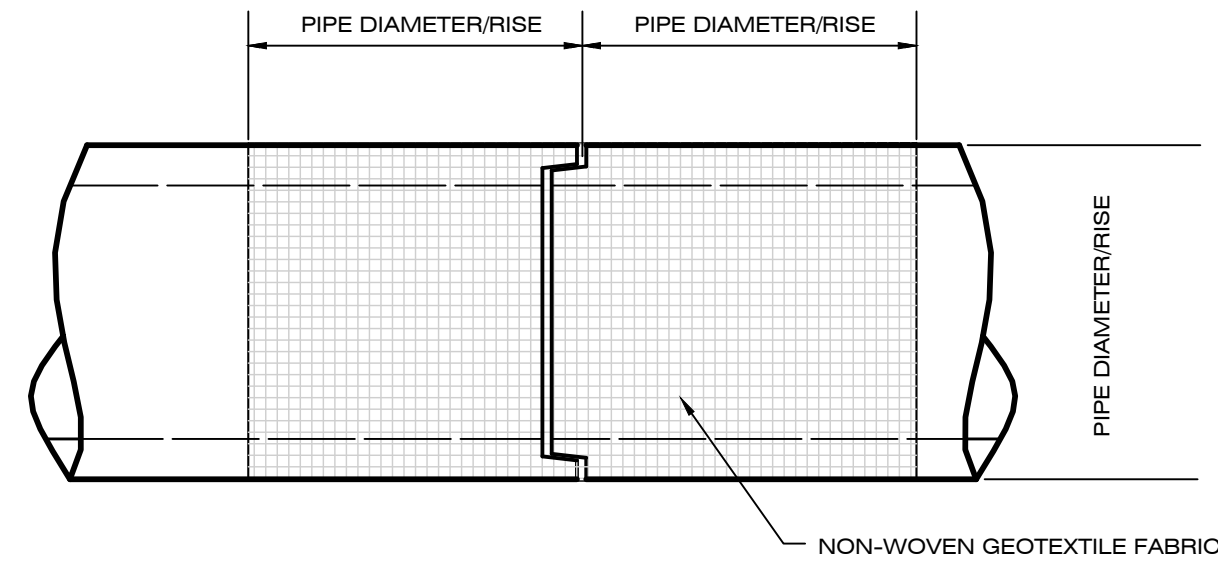
LAST REVISION	DESCRIPTION:			INDEX	SHEET
11/01/20			FY 2025-26 STANDARD PLANS	CURB INLET TOP TYPES 1, 2, 3, AND 4	425-020 1 of 3



LAST REVISION	DESCRIPTION:			INDEX	SHEET
11/01/20			FY 2025-26 STANDARD PLANS	CURB INLET TOP TYPES 1, 2, 3, AND 4	425-020 2 of 3

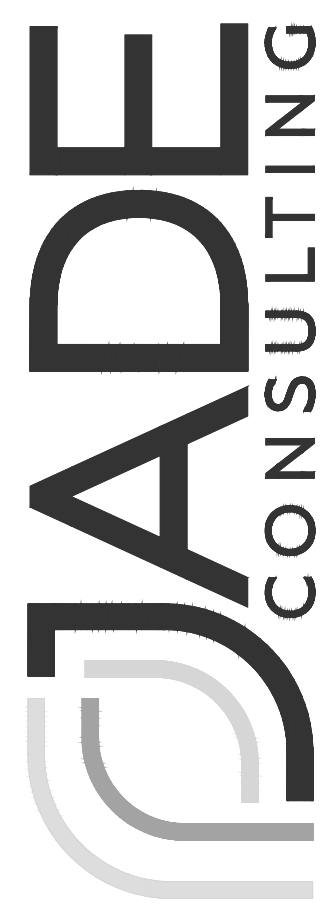


LAST REVISION	DESCRIPTION:			INDEX	SHEET
11/01/20			FY 2025-26 STANDARD PLANS	CURB INLET TOP TYPES 1, 2, 3, AND 4	425-020 3 of 3

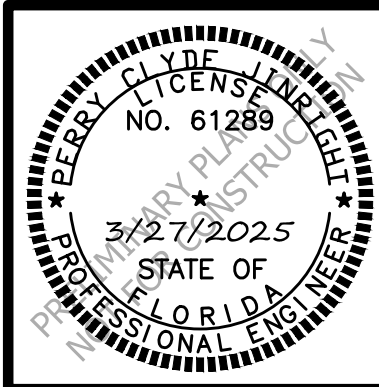


WRAPPED PIPE JOINT DETAIL
NTS

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Jinright & Associates Development Engineers
208 Green Road North Fairhope, Alabama 36532
P.O. Box 1929 Fairhope, Alabama 36533
Phone: (251) 928-3443 Fax: (251) 928-3665
jandegreers.com FL CA 27024



NO.	REVISION	DATE	APPR.
1.	ISSUE FOR SCHEDULE 1	3/27/25	

CIVIL CONSTRUCTION DETAILS (2)
TSC LAKE CITY SOUTH, FL
HSC LAKE CITY SOUTH LLC

JOB NO: 24-1941.20
SCALE: N/A
DATE: MARCH 2025
DRAFTER: JP/TVML
SHEET: C9

GENERAL NOTES:

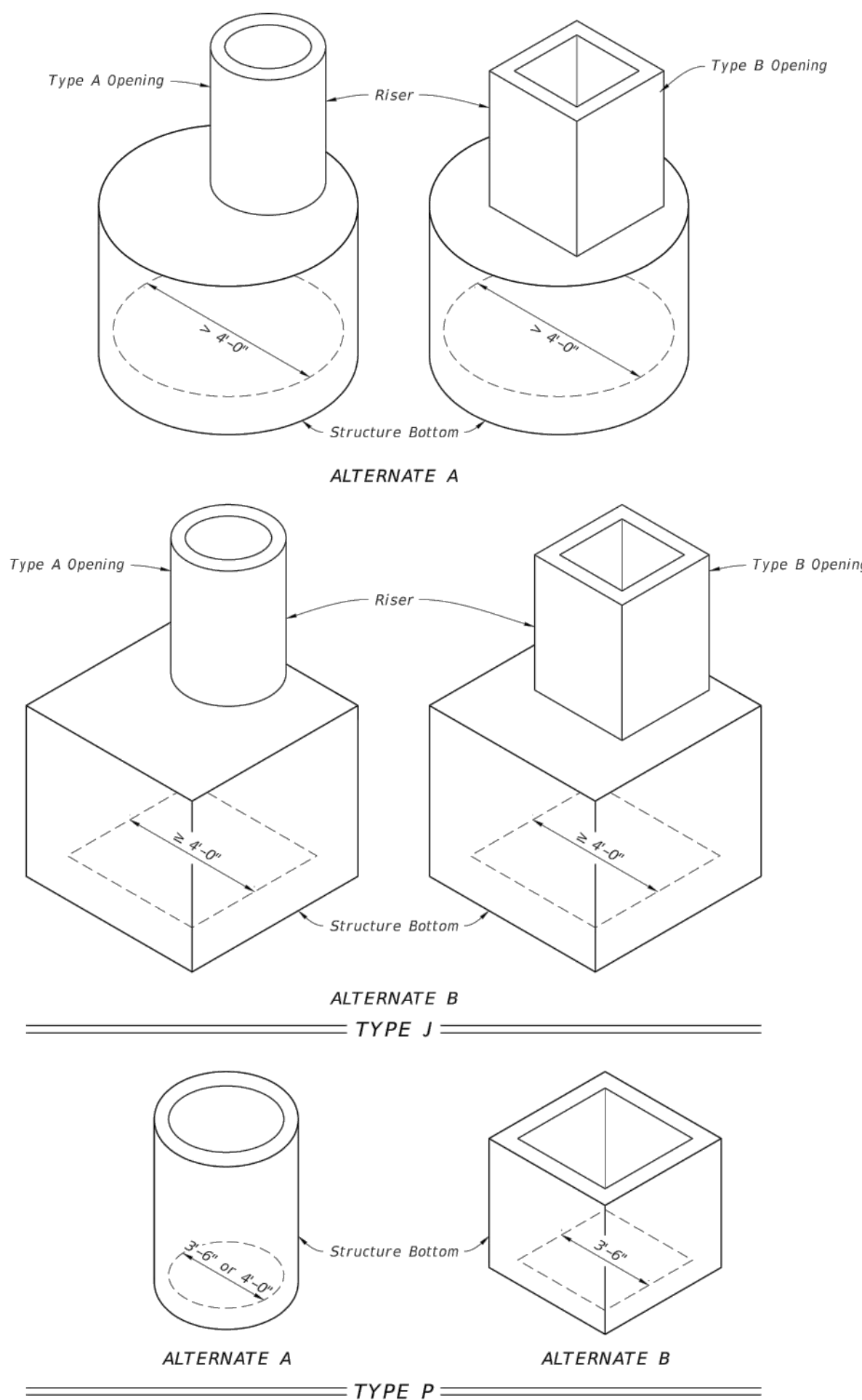
1. Work this Index with Specification 425 and Index 425-001.
2. Type P standard structure bottoms are 4'-0" diameter and smaller (Alt. A) and 3'-6" square (Alt. B). Larger standard structure bottoms are designated Type J. Risers are permitted for all structures.
3. Walls of circular structures (Alt. A) constructed in place may be of brick or reinforced concrete. Construct precast and rectangular structures (Alt. B) with reinforced concrete only.
4. Wall thickness and reinforcement are for either reinforced cast-in-place or precast concrete units except that precast circular units may be furnished with walls in accordance with ASTM C478 (See Table 1).
5. Top and bottom slab thickness and reinforcement are for precast and cast-in-place construction. Use Class II concrete, except when Class IV concrete is shown in the Plans.
6. Alt. A or Alt. B structure bottoms may be used in conjunction with curb inlet tops Types 1, 2, 3, 4, 5, 6, 9, and 10, and any manhole or junction box. Alt. B structure bottoms may be used in conjunction with curb inlet Types 7 & 8, or any ditch bottom inlet.
7. Rectangular structures may be rotated as directed by the Engineer in order to facilitate connections between the structure walls and pipes.
8. Use straight embedment reinforcement in top and bottom slabs, except when ACI hooks are specifically required.
9. Construct corner fillets as shown for rectangular structures used with circular risers and inlet throats, and when used on skew with rectangular risers, inlets, and inlet throats. Construct fillets in the top slab of the Alt. A structure bottoms when used with the Type B risers. Reinforce each fillet with two #5 bars.
10. Units larger than specified standards may be substituted at the contractor's option when these units will not cause or increase the severity of utility conflicts. Furnish such larger units at no additional cost to the Department. Larger Alt. A units cannot replace Alt. B units without approval of the Engineer. This Note applies to this Index only.

REINFORCEMENT NOTES:

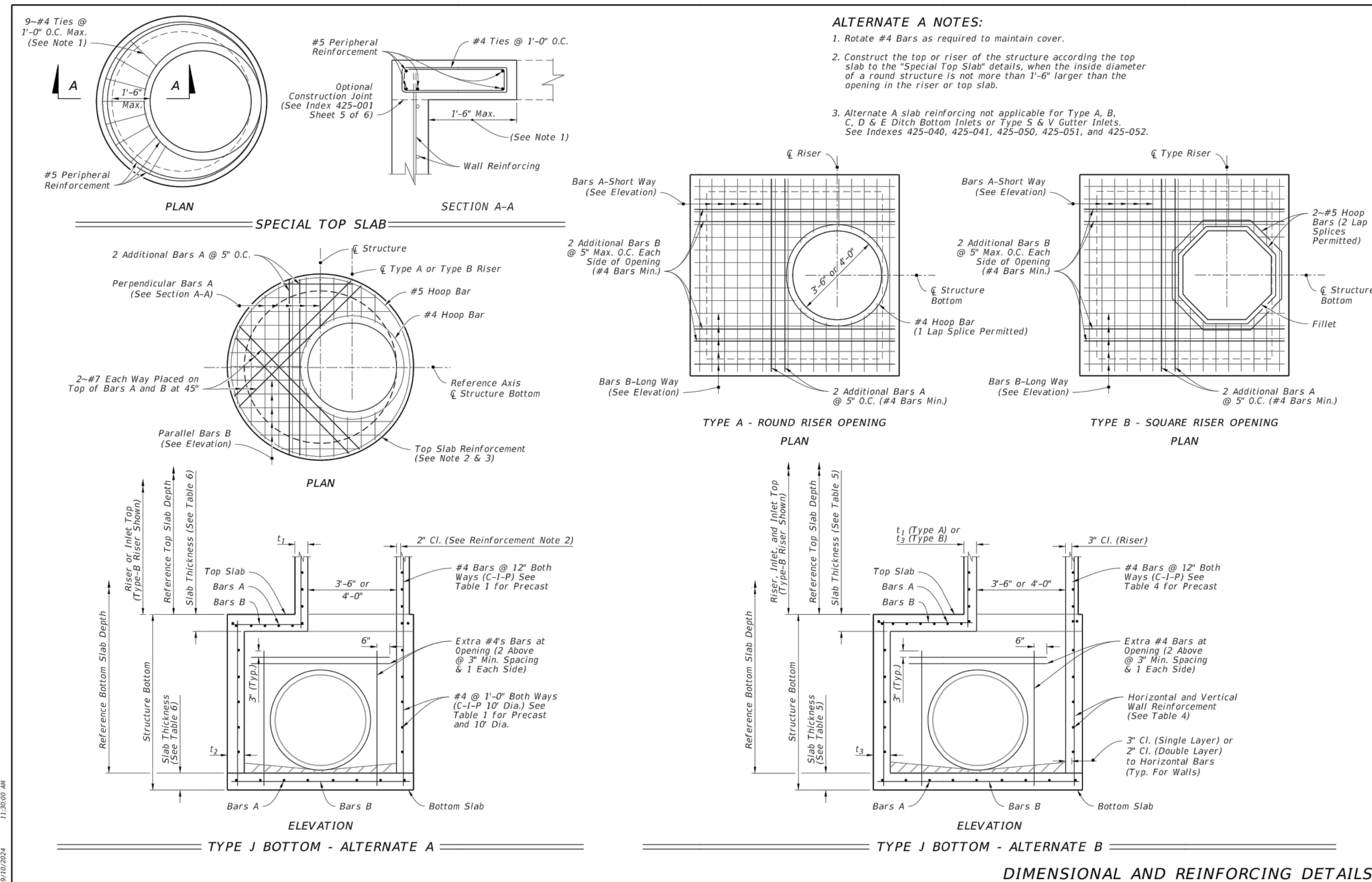
1. Locate wall reinforcement in rectangular structures as shown in the WALL REINFORCEMENT SPLICE DETAILS in Index 425-001.
2. Provide a minimum 2" clear cover for all reinforcement unless otherwise noted and except for 30" diameter ASTM C478 units.
3. Additional bars used to restrain hole formers for precast structures with grouted pipe connections may be left flush with the hole surface.
4. Cut or bend reinforcement at pipe openings to maintain cover.
5. Remove exposed ends of reinforcing at precast pipe openings and grouted joints to 1" below the concrete surface and seal with a Type F Epoxy meeting the requirements of Specification 926.
6. Equivalent area smooth or deformed welded wire reinforcement may be substituted in accordance with Index 425-001.

TABLE OF CONTENTS:

Sheet	Description
1	General Notes and Contents
2	Dimensional and Reinforcing Details
3	Tables 1, 2, 3, and 4
4	Tables 5 and 6



LAST REVISION	DESCRIPTION:	FY 2025-26 STANDARD PLANS	STRUCTURE BOTTOMS TYPE J AND P	INDEX	SHEET
11/01/20				425-010	1 of 4



LAST REVISION	DESCRIPTION:	FY 2025-26 STANDARD PLANS	STRUCTURE BOTTOMS TYPE J AND P	INDEX	SHEET
11/01/20				425-010	2 of 4

TABLE 1 - ALTERNATE A - STRUCTURES											
TYPE	STRUCTURE/RISER DIAMETER (ft)	CAST-IN-PLACE ITEMS CLASS II CONCRETE			PRECAST ITEMS CLASS II CONCRETE			ASTM C478			WALL THICKNESS (in.)
		t ₁	t ₂	A ₃	t ₁	t ₂	A ₃	t ₁	t ₂	A ₃	
		(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	
P	3'-6"	6	8	0.20	6	8	0.20	4 ^W	6	0.105	8
P	4'-0"	6	8	0.20	6	8	0.20	3 ^W	6	0.120	8
J	5'-0"	-	8	0.20	-	8	0.20	6 ^W	0.150		6
J	6'-0"	-	8	0.20	-	8	0.20	6	0.180		6
J	7'-0"	-	8	0.20	-	8	0.20	7	0.210		6
J	8'-0"	-	8	0.20	-	8	0.20	8	0.240		6
J	10'-0"	-	10	0.40#8	-	10	0.40#8	10	0.300		6
J	12'-0"	-	10	0.40#8	-	12	0.40#8	12	0.360		6

t₁ and t₂ - Wall Thickness.

A₃ - Vertical and horizontal areas of reinforcement.

#8 Provide 0.20 eq. in./ft. at each face, 12" max. bar spacing.

**Modified minimum wall thickness.

***Min. total circumferential reinforcement for continuous steel hoops.

A₂ = 0.40 sq. in. for riser section height equal or less than 2'-0" (2 hoop min.)

A₃ = 0.60 sq. in. for riser section height more than 2'-0" up to 4'-0" (3 hoop min.)

Areas of reinforcing for precast items are based on Grade 60 reinforcing.

No reduction in the area of reinforcement is allowed for welded wire fabric in Table 1.

Area of vertical reinforcing may be reduced in accordance with ASTM C478.

TABLE 3 - REINFORCING SCHEDULE											
SCHEDULE	GRADE 60 BARS (in./ft.)	MAXIMUM SPACING			WWR EQUIV. AREA (in.)			WWR EQUIV. AREA (in.)			WALL THICKNESS (in.)
		GRADE 60 BARS (in./ft.)	GR 60 BARS (in./ft.)	WWR EQUIV. AREA (in.)	GRADE 60 BARS (in./ft.)	GR 60 BARS (in./ft.)	WWR EQUIV. AREA (in.)	GRADE 60 BARS (in./ft.)	GR 60 BARS (in./ft.)	WWR EQUIV. AREA (in.)	
A12	0.20	12	8	8							
A6	0.20	6	5	4 ₆							
B10	0.24	10	6	7 ₆							
B5.5	0.24	5 ₆	5	4							
C6.5	0.37	6 ₆	6	5							
C3.5	0.37	5 ₆	3	3 ₆							
D7	0.53	7	6	5							
D4.5	0.53	4 ₆	4	3 ₆							
E5	0.73	5	4	4							
E3	0.73	3	3	3							
F5	1.06	5	4	4							
F3.5	1.06	3 ₆	3	3							
G5	1.45	5	4	4							
G3.5	1.45	3 ₆	3	3							
H4	1.75	4	3	3							

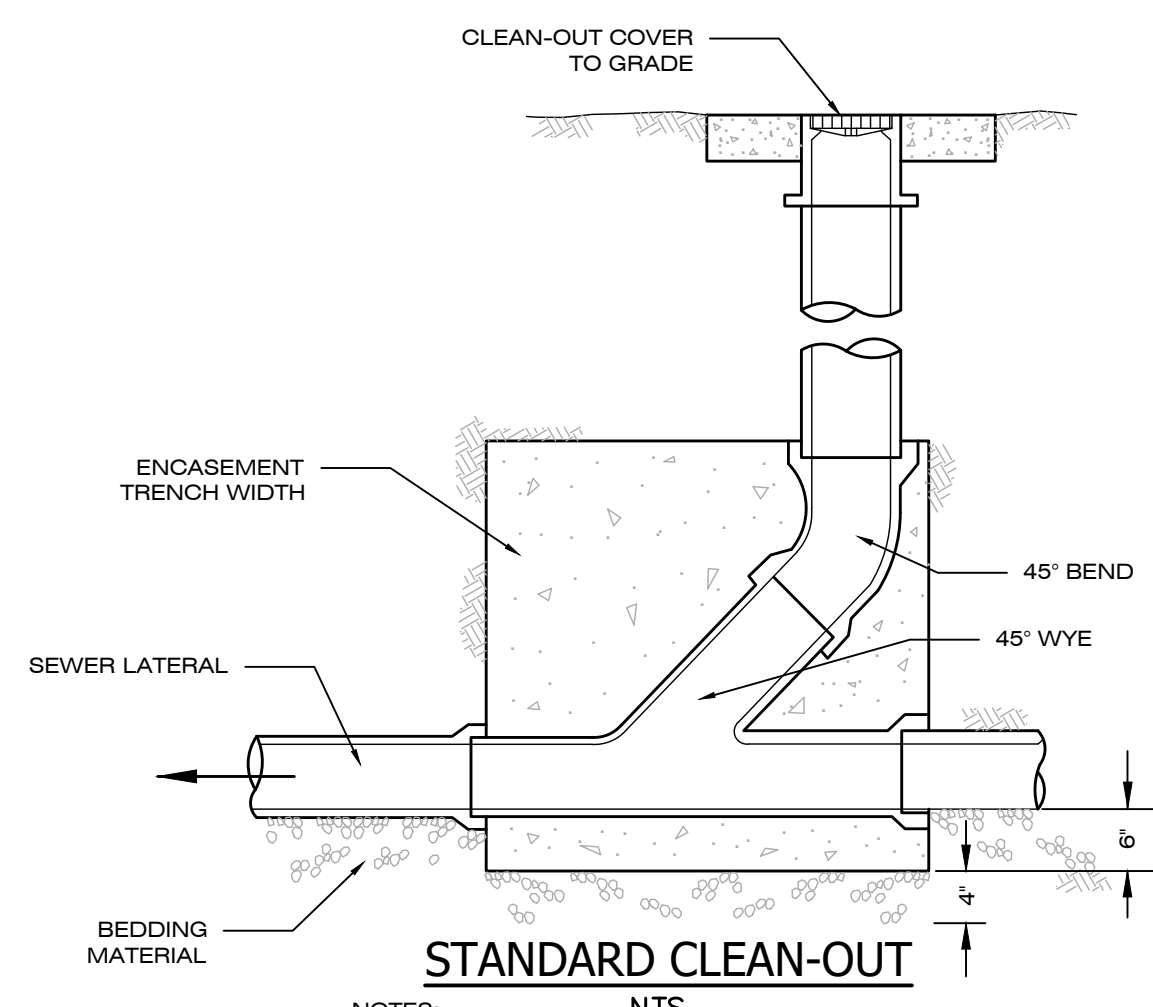
TABLE 4 - WALL DESIGNS - RECTANGULAR STRUCTURES											
TYPE	WALL LENGTH (ft.)	MAX. DEPTH (ft.)	WALL THICKNESS (t ₁) (in.)	C.I.P. PRECAST (in.)	WALL THICKNESS (in.)	VERTICAL REINFORCING			HORIZONTAL REINFORCING		
						WALL DEPTH	SCHEDULE	WALL DEPTH	SCHEDULE	WALL DEPTH	SCHEDULE
P	3'-6"	40	8	8	8	26'-40'	D7	D7	26'-40'	F5	F5
J	4'-0"	40	8	6	6	10'-18'	B5.5	B5.5	10'-18'	F5	F5
J	5'-0"	22	-	6	6	18'-29'	C6.5	C6.5	18'-29'	F5	F5
J	6'-0"	15	-	6	6	29'-40'	C3.5	C3.5	29'-40'	F5	F5
J	5'-0" (10'-0")	40	8	8	8	10'-17' < 14'	B10	B10	10'-17' < 14'	C6.5	C6.5
J	10'-0"	26	8	8	8	6' < 10'	B5.5	B5.5	6' < 10'	C6.5	C6.5
J	10'-0" (12'-0")	40	10	9	9	10' < 20'	C6.5	C6.5	10' < 20'	C6.5	C6.5
J	16'-0"	35	-	9	9	20' < 28'	C3.5	C3.5	20' < 28'	C6.5	C6.5
J	16'-0"	40	10	10	10	28' < 40'	D4.5	D4.5	28' < 40'	F5	F5
J	20'-0"	25	-	9	9	12' < 24'	C6.5	C6.5	12' < 24'	D4.5	D4.5
J	20'-0"	30	10	10	10	5' < 9'	C6.5	C6.5	5' < 9'	E5	E5
J	20'-0"	30	10	10	10	9' < 15'	C3.5	C3.5	9' < 15'	F5	F5
J	20'-0"	30	10	10	10	15' < 22'	D4.5	D4.5	15' < 22'	G5	G5
J	20'-0"	30	10	10	10	22' < 40'	E3	E3	22' < 40'	G5	G5
J	20'-0"	30	10	10	10	11' < 20'	D7	D7	11' < 20'	E5	E5
J	20'-0"	30	10	10	10	20' < 28'	E5	E5	20' < 28'	F5	F5
J	20'-0"	30	10	10	10	29' < 39'	F5	F5	29' < 39'	G5	G5
J	20'-0"	30	10	10	10	32' < 40'	G5	G5	32' < 40'	G5	G5
J	20'-0"	30	10	10	10	12' < 24'	C6.5	C6.5	12' < 24'	D4.5	D4.5
J	20'-0"	30	10	10	10	5' < 9'	C6.5	C6.5	5' < 9'	E5	E5
J	20'-0"	30	10	10	10	9' < 15'	C3.5	C3.5	9' < 15'	F5	F5
J	20'-0"	30	10	10	10	15' < 22'	D4.5	D4.5	15' < 22'	G5	G5
J	20'-0"	30	10	10	10	22' < 40'	E3	E3	22' < 40'	G5	G5
J	20'-0"	30	10	10	10	11' < 20'	D7	D7	11' < 20'	E5	E5
J	20'-0"	30	10	10	10	20' < 28'	E5	E5	20' < 28'	F5	F5
J	20'-0"	30	10	10	10	29' < 39'	F5	F5	29' < 39'	G5	G5
J	20'-0"	30	10	10	10	32' < 40'	G5	G5	32' < 40'	G5	G5
J	20'-0"	30	10	10	10	12' < 24'	C6.5	C6.5	12' < 24'	D4.5	D4.5
J	20'-0"	30	10	10	10	5' < 9'	C6.5	C6.5	5' < 9'	E5	E5
J	20'-0"	30	10	10	10	9' < 15'	C3.5	C3.5	9' < 15'	F5	F5
J	20'-0"	30	10	10	10	15' < 22'	D4.5	D4.5	15' < 22'	G5	G5
J	20'-0"	30	10	10	10	22' < 40'	E3	E3	22' < 40'	G5	G5
J	20'-0"	30	10	10	10	11' < 20'	D7	D7	11' < 20'	E5	E5
J	20'-0"	30	10	10	10	20' < 28'	E5	E5	20' < 28'	F5	F5
J	20'-0"	30	10	10	10	29' < 39'	F5	F5	29' < 39'	G5	G5
J	20'-0"	30	10	10	10	32' < 40'	G5	G5	32' < 40'	G5	G5
J	20'-0"	30	10	10	10	12' < 24'	C6.5	C6.5	12' < 24'	D4.5	D4.5
J	20'-0"	30	10	10	10	5' < 9'	C6.5	C6.5	5' < 9'	E5	E5
J	20'-0"	30	10	10	10	9' < 15'	C3.5	C3.5	9' < 15'	F5	F5
J	20'-0"	30	10	10	10	15' < 22'	D4.5	D4.5	15' < 22'	G5	G5
J	20'-0"	30	10	10	10	22' < 40'	E3	E3	22' < 40'	G5	G5
J	20'-0"	30	10	10	10	11' < 20'	D7	D7	11' < 20'	E5	E5
J	20'-0"	30	10	10	10	20' < 28'	E5	E5	20' < 28'	F5	F5
J	20'-0"	30	10	10	10	29' < 39'	F5	F5	29' < 39'	G5	G5
J	20'-0"	30	10	10	10	32' < 40'	G5	G5	32' < 40'	G5	G5

TABLE 4 NOTES:

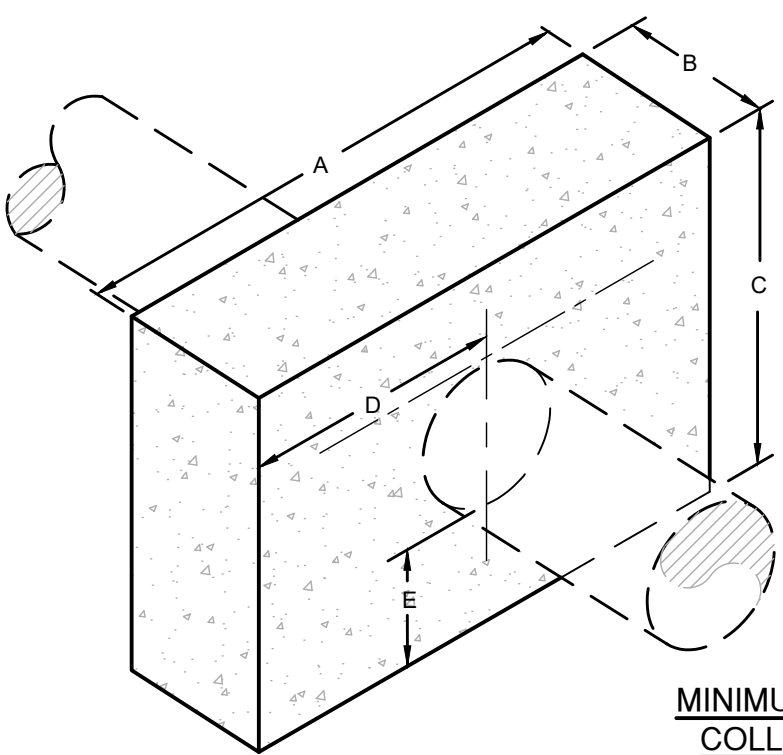
1. Wall depth is measured to the top of the bottom slab for boxes and to the top of the intermediate slab for risers.
2. Wall height is the distance between top of lower slab to bottom of upper slab. Maximum wall height is 12' for wall lengths exceeding 5', or 10' for wall lengths exceeding 12'.
3. Wall lengths exceeding 8'-0" require two layers of reinforcing (See Table 4) with 2" of cover from the horizontal bars to the inside and outside faces for each layer.
4. Wall lengths exceeding the dimensions or depths shown in Table 4, or 12'-0" diameter require a special design.
5. Wall thickness and reinforcing for rectangular structures is based on the longer wall length.

LAST REVISION	DESCRIPTION:	FY 2025-26 STANDARD PLANS	STRUCTURE BOTTOMS TYPE J AND P	INDEX	SHEET
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TABLE 5 - SLAB DESIGNS - SQUARE AND RECTANGULAR STRUCTURES (ALL SLABS 8" THICK EXCEPT AS NOTED - REINFORCING PARALLEL TO SHORT WAY AND LONG WAY)																	
SHORT WAY			LONG WAY			SHORT WAY			LONG WAY								
SLAB DEPTH	SCHEDULE (Bars A)	SLAB DEPTH	SCHEDULE (Bars B)	SLAB DEPTH	SCHEDULE (Bars A)	SLAB DEPTH	SCHEDULE (Bars B)	SLAB DEPTH	SCHEDULE (Bars A)	SLAB DEPTH	SCHEDULE (Bars B)						
SIZE: 3'-6" x UNLIMITED						SIZE: 6' x 6'						SIZE: 8' x 8'					
8'-0" < 8'	B10	8'-0" < 24'	B10	8'-0" < 8'	C6.5	8'-0" < 10'	C3.5	8'-0" < 10'	D7	8'-0" < 10'	D4.5						
8' < 13'	B5.5	24'-40'	B5.5	13' < 23'	D7	10' < 16'	D4.5	10' < 19'	E5	9' < 13'	F5						
13' < 31'	C6.5			23'-40'	F5	16' < 22'	F5	19'-30'	F5	12' < 18'	F5						
31'-40'	F5					22' < 33'	F5			18' < 23'	F3.5						
						33'-40'	F3			23'-30'	G3.5						
SIZE: 4' x UNLIMITED						SIZE: 6' x 7'						SIZE: 8' x 9'					
8'-0" < 7'	B5.5	8'-0" < 15'	B10	8'-0" < 8'	C6.5	8'-0" < 8'	C6.5	8'-0" < 8'	D7	8'-0" < 7'	D4.5						
7' < 19'	C6.5	15' < 29'	B5.5	8' < 16'	D7	8'-0" < 12'	C6.5	8' < 14'	E5	7'-10"	D7						
19' < 31'	D7	29'-40'	C6.5	16' < 28'	E5	12' < 21'	D4.5	14' < 23'	F5	9' < 13'	E5						
31'-40'	F5			28'-40'	F5	21' < 33'	F5	23'-31'	G3.5	15' < 28'	F3.5						
						33'-40'	F3			20' < 23'	F3.5						
										23'-31'	G3.5						
SIZE: 5' x 5'						SIZE: 6' x 8'						SIZE: 8' x 9'					
8'-0" < 3'	C6.5	3' < 13'	C6.5	8'-0" < 8'	C6.5	8'-0" < 6'	B5.5	8'-0" < 8'	D7	8'-0" < 7'	D4.5						
3' < 7'	B5.5	7' < 13'	C6.5	8' < 13'	D7	6' < 11'	C6.5	8' < 14'	E5	7' < 10"	E5						
7' < 22'	D7	13' < 22'	D7	13' < 22'	F5	11' < 17'	D4.5	14' < 22'	F5	10' < 17'	F3.5						
22'-40'	F5	22' < 29'	D4.5	22' < 35'	F5	17' < 22'	C6.5			17' < 23'	G3.5						
						35'-40'	G5	22' < 32'	F3								
SIZE: 5' x 6'						SIZE: 6' x 9'						SIZE: 9'x9'x10'					
10'-2' < 12'	C6.5	10'-0" < 31'	C6.5	10'-2' < 12'	B5.5	10'-2' < 12'	C6.5	10'-2' < 12'	D7	22' < 36'	F3.5						
12' < 28'	D7	31'-40'	B5.5	12' < 28'	E5	12' < 28'	E5	36'-40'	F5	31'-40'	G3.5						
28'-40'	E5	9' < 23'	C3.5	28'-40'	F5												
		23' < 39'	D4.5														
		39'-40'	E5														
SIZE: 5' x 7'						SIZE: 10'x10'x11'						SIZE: 10'x10'x11'					
8'-0" < 10'	C6.5	10'-0" < 31'	B5.5	8'-0" < 8'	D7	10'-0" < 8'	B5.5	10'-0" < 8'	D7	10'-0" < 8'	D7						
10' < 20'	D7	10' < 31'	C3.5	8' < 14'	E5	10'-0" < 14'	B5.5	10'-0" < 14'	E5	10'-0" < 14'	E5						
20'-40'	F5	31'-40'	D4.5	14' < 24'	F5	14' < 21'	C3.5	10'-0" < 18'	E5	9' < 13'	E5						
				24'-34'	G5	21' < 29'	D4.5	18' < 22'	F5	15' < 22'	F5						
								22'-24'	F5	22'-24'	G3.5						
SIZE: 6' x UNLIMITED						SIZE: 6' x 10'						SIZE: 12'x12'x13'					
8'-0" < 8'	D7	8'-0" < 24'	D7	8'-0" < 8'	D7	8'-0" < 8'	B5.5	8'-0" < 8'	D7	8'-0" < 8'	D7						
8' < 14'	E5	8' < 14'	E5	8' < 14'	E5	8' < 14'	E5	8' < 14'	E5	8' < 14'	E5						
14' < 24'	F5	14' < 21'	C3.5	14' < 24'	F5	14' < 21'	C3.5	14' < 24'	F5	14' < 24'	F5						
		24'-34'	G5	24' < 29'	D4.5	24' < 30'	F3.5	25'-29'	G5	22' < 30'	G5						
										30'-39'	H4						
SIZE: 7' x UNLIMITED						SIZE: 7' x 7'						SIZE: 7' x 8'					
8'-0" < 8'	C6.5	8'-0" < 24'	C6.5	8'-0" < 8'	C6.5	8'-0" < 8'	C6.5	8'-0" < 8'	C6.5	8'-0" < 8'	C6.5						
8' < 15'	D7	8' < 15'	D7	8' < 15'	D7	8' < 15'	D7	8' < 15'	D7	8' < 15'	D7						
15' < 26'	E5	15' < 21'	C3.5	15' < 26'	E5	15' < 21'	C3.5	15' < 26'	E5	15' < 21'	C3.5						
26'-40'	F5	24' < 34'	G5	26'-40'	F5	24' < 34'	G5	26'-40'	F5	24' < 34'	G5						
SIZE: 9' x UNLIMITED						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 8'	C6.5	8'-0" < 14'	B10	8'-0" < 8'	C6.5	8'-0" < 8'	C6.5	8'-0" < 8'	C6.5	8'-0" < 8'	C6.5						
8' < 14'	B10	14' < 24'	B5.5	8' < 14'	B10	8' < 14'	B10	8' < 14'	B10	8' < 14'	B10						
14' < 29'	E5	24' < 34'	C6.5	14' < 29'	E5	14' < 21'	C3.5	14' < 29'	E5	14' < 21'	C3.5						
29'-40'	F5	34'-40'	C3.5	29'-40'	F5	34'-40'	C3.5	29'-40'	F5	34'-40'	C3.5						
SIZE: 9' x UNLIMITED						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 8'	C6.5	8'-0" < 14'	B10	8'-0" < 8'	C6.5	8'-0" < 8'	C6.5	8'-0" < 8'	C6.5	8'-0" < 8'	C6.5						
8' < 14'	B10	14' < 24'	B5.5	8' < 14'	B10	8' < 14'	B10	8' < 14'	B10	8' < 14'	B10						
14' < 29'	E5	24' < 34'	C6.5	14' < 29'	E5	14' < 21'	C3.5	14' < 29'	E5	14' < 21'	C3.5						
29'-40'	F5	34'-40'	C3.5	29'-40'	F5	34'-40'	C3.5	29'-40'	F5	34'-40'	C3.5						
SIZE: 7' x 8'						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5						
9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5						
15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5						
SIZE: 7' x 8'						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5						
9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5						
15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5						
SIZE: 7' x 8'						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5						
9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5						
15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5						
SIZE: 7' x 8'						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5						
9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5						
15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5						
SIZE: 7' x 8'						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5						
9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5						
15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5						
SIZE: 7' x 8'						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5						
9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5						
15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5						
SIZE: 7' x 8'						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5						
9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5						
15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5						
SIZE: 7' x 8'						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5						
9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5						
15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5						
SIZE: 7' x 8'						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5						
9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5						
15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5						
SIZE: 7' x 8'						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5						
9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5						
15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5						
SIZE: 7' x 8'						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5						
9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5						
15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5						
SIZE: 7' x 8'						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5						
9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5						
15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5						
SIZE: 7' x 8'						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5						
9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5						
15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5						
SIZE: 7' x 8'						SIZE: 7' x 8'						SIZE: 7' x 8'					
8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5	8'-0" < 9'	D7	8'-0" < 7'	C6.5						
9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5	9' < 15'	E5	7' < 10"	D4.5						
15' < 24'	F5	10' < 14'	D4.5	15' < 24'	F5	10' < 14'	D4.5	15' <									



- NOTES:**
- CLEAN-OUT PIPE SIZE SHALL MATCH EXISTING LATERAL.
 - NEW SEWER LATERALS AND CLEAN-OUTS SHALL BE 6-INCH.
 - ENTIRE WYE SECTION TO BE ENCASED IN CONTROLLED LOW STRENGTH MATERIAL OR GRANULAR FILL.



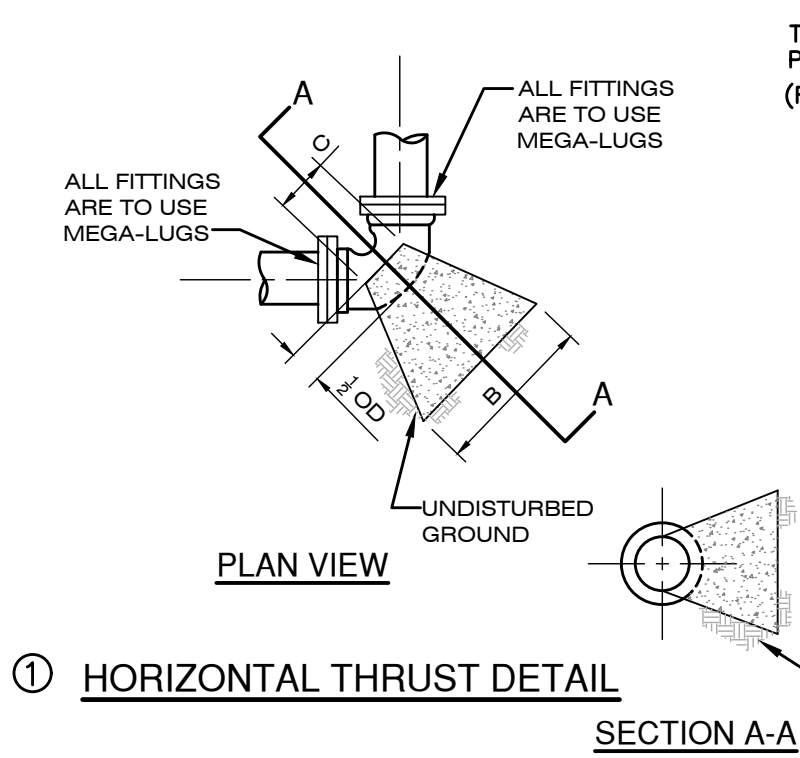
MINIMUM DIMENSIONS IN FEET FOR CONCRETE COLLAR ON DUCTILE IRON PIPE TO BE USED WITH EMBEDDED DUCTILE IRON RETAINER GLAND

PIPE SIZE	A	B	C	D	E	VOLUME CU. YDS.	CONC. WT.	THRUST
4"	3'-6"	3'-0"	1'-5"	1'-6"	1'-0"	0.55	2230	3150
6"	4'-0"	3'-0"	2'-7"	2'-0"	1'-0"	1.15	4650	7070
8"	4'-6"	3'-0"	3'-0"	2'-3"	1'-3"	1.50	6075	12,570
10"	5'-2"	3'-0"	3'-2"	2'-7"	1'-3"	1.81	7330	19,635
12"	5'-9"	3'-0"	3'-8"	2'-10 1/2"	1'-8"	2.34	9475	28,775
14"	6'-6"	3'-0"	4'-0"	3'-3"	1'-9"	2.89	11,700	36,490
16"	6'-9"	3'-0"	4'-9"	3'-3"	2'-3"	3.58	14,410	50,270

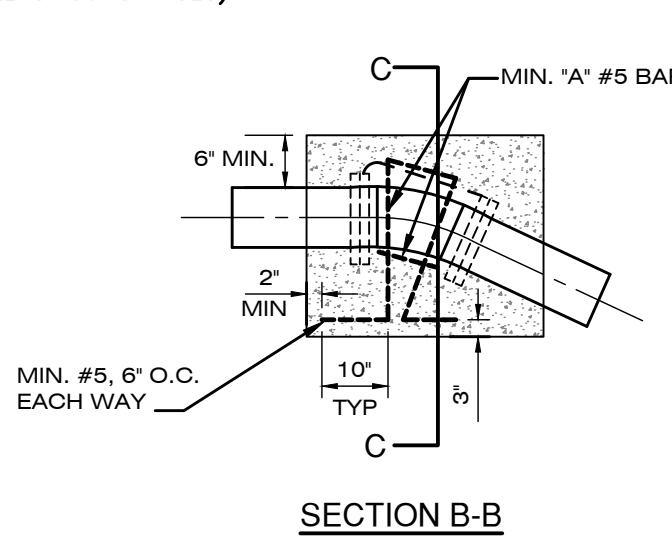
THRUST RESTRAINT CONCRETE COLLAR

GENERAL NOTES:

- SOIL CONDITIONS SHALL BE VERIFIED BY ENGINEER BEFORE THRUST BLOCK IS CONSTRUCTED WHERE SOIL BEARING PRESSURE IS LESS THAN 2000 LB/FT². THRUST BLOCK BEARING AREA SHALL BE INCREASED APPROPRIATELY.
- ALL CONCRETE SHALL BE CLASS A, 4000 P.S.I.



TEE BRANCHES PLUGS AND CAPS (FOR ALL CIRCUMSTANCES)



SECTION C-C

② CONCRETE REQUIRED TO RESIST UPWARD THRUST

① DIMENSIONS FOR CONCRETE BLOCKING HORIZONTAL THRUST

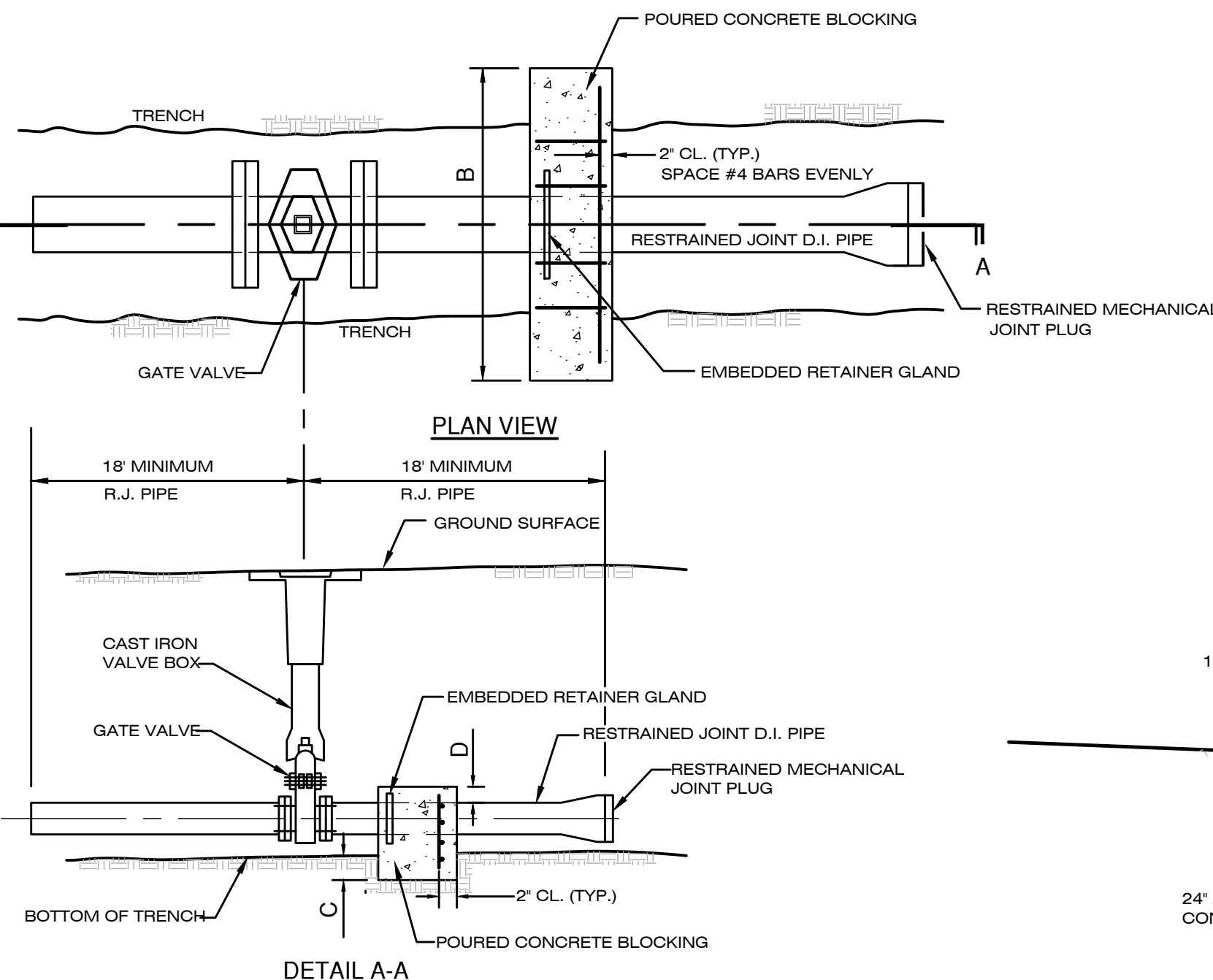
BEND	SIZE	A (FT)	B (FT)	C (IN)	D (FT)	VOLUME (CU. YD.)
11 1/2°	6"	1.0	2.0	7"	1.0	0.04
	8"	1.0	2.0	7"	1.0	0.05
	12"	2.0	3.0	11"	2.0	0.1
	18"	2.0	3.0	15"	2.0	0.3
22 1/2°	6"	1.0	2.0	7"	1.0	0.05
	8"	1.0	2.0	7"	2.0	0.1
	12"	2.0	3.0	11"	2.0	0.3
	18"	2.0	4.0	15"	3.0	0.6
45°	6"	1.5	2.0	7"	1.5	0.11
	8"	2.0	3.0	7"	2.0	0.3
	12"	2.0	4.0	11"	3.0	0.7
	18"	3.0	5.0	15"	4.0	1.4
90°	6"	1.75	2.5	7"	2.0	0.2
	8"	2.0	3.0	7"	3.0	0.4
	12"	4.0	6.0	11"	4.0	2.1
	18"	4.0	7.0	15"	5.0	3.1
	20"	5.0	8.0	19"	7.0	5.3
	6"	1.5	2.0	7"	1.75	0.13
	8"	2.0	3.0	7"	2.0	0.3
	12"	2.0	4.0	11"	4.0	0.8
	18"	3.0	5.0	15"	5.0	1.5
	20"	4.0	7.0	19"	6.0	3.9

③ DIMENSIONS FOR CONCRETE BLOCKING FOR BENDS-DOWNWARD THRUST

BEND	SIZE	A (FT)	B (FT)	C (IN)	D (FT)	VOLUME (CU. YD.)
11 1/2°	6"	0.3	0.5	2	1.0	0.04
	8"	0.3	0.5	2	1.0	0.05
	12"	1.2	1.4	2	2.0	0.1
	18"	2.4	2.4	3	2.0	0.3
22 1/2°	6"	0.7	0.7	2	1.0	0.05
	8"	1.2	1.4	2	2.0	0.1
	12"	2.7	2.7	3	2.0	0.3
	18"	4.8	4.8	3	3.0	0.6
45°	6"	1.2	1.2	2	1.5	0.11
	8"	2.2	2.2	2	2.0	0.3
	12"	4.8	4.8	3	3.0	0.7
	18"	8.8	8.8	3	4.0	1.4
90°	6"	1.8	1.8	2	2.0	0.2
	8"	3.1	3.1	2	3.0	0.4
	12"	7.0	7.0	3	4.0	2.1
	18"	12.4	12.4	3	5.0	3.1
	20"	19.4	19.4	4	7.0	5.3

WATER SERVICE CONNECTION DETAIL

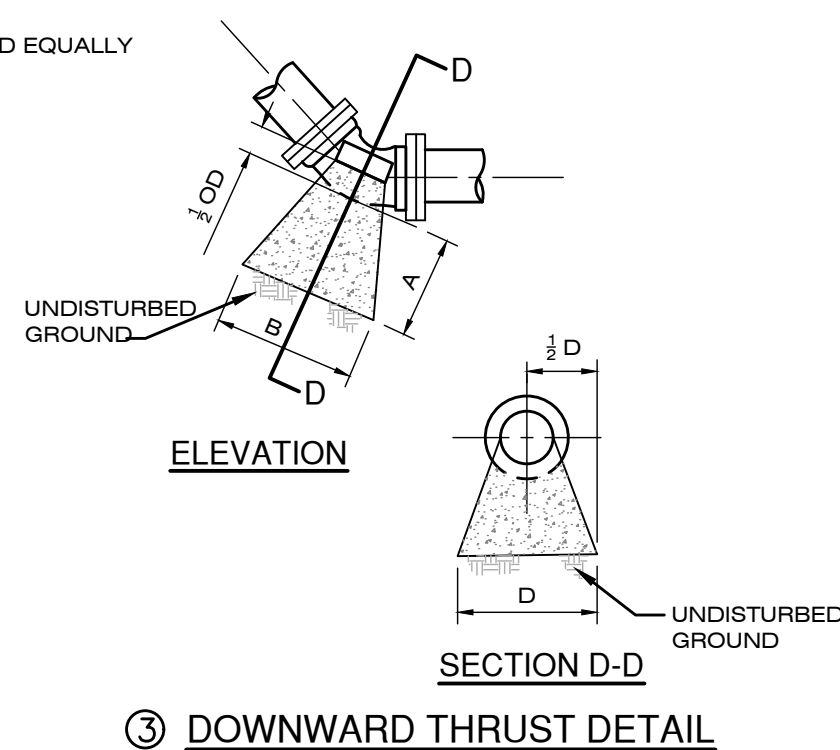
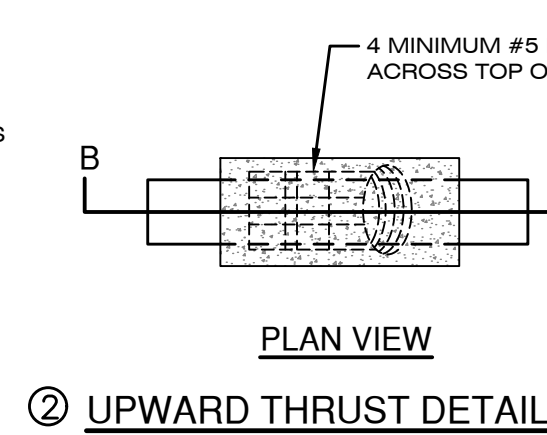
OR AS REQUIRED BY LOCAL UTILITY AUTHORITY



PIPE SIZE	A (IN.)	B (IN.)	C (IN.)	D (IN.)	REQD. STEEL (EACH WAY)
8"	10	32	12	8	4 - #4
10"	12	40	15	10	4 - #4
12"	14	54	24	12	4 - #4
16"	18	60	30	16	6 - #4

- NOTES:**
- ANCHOR BLOCKING DETAIL TO BE USED WHERE WATERLINE MAY BE EXTENDED AT A FUTURE DATE.
 - ALL CONCRETE TO BE 3000 PSI.
 - ALL STEEL TO BE 60,000 PSI.

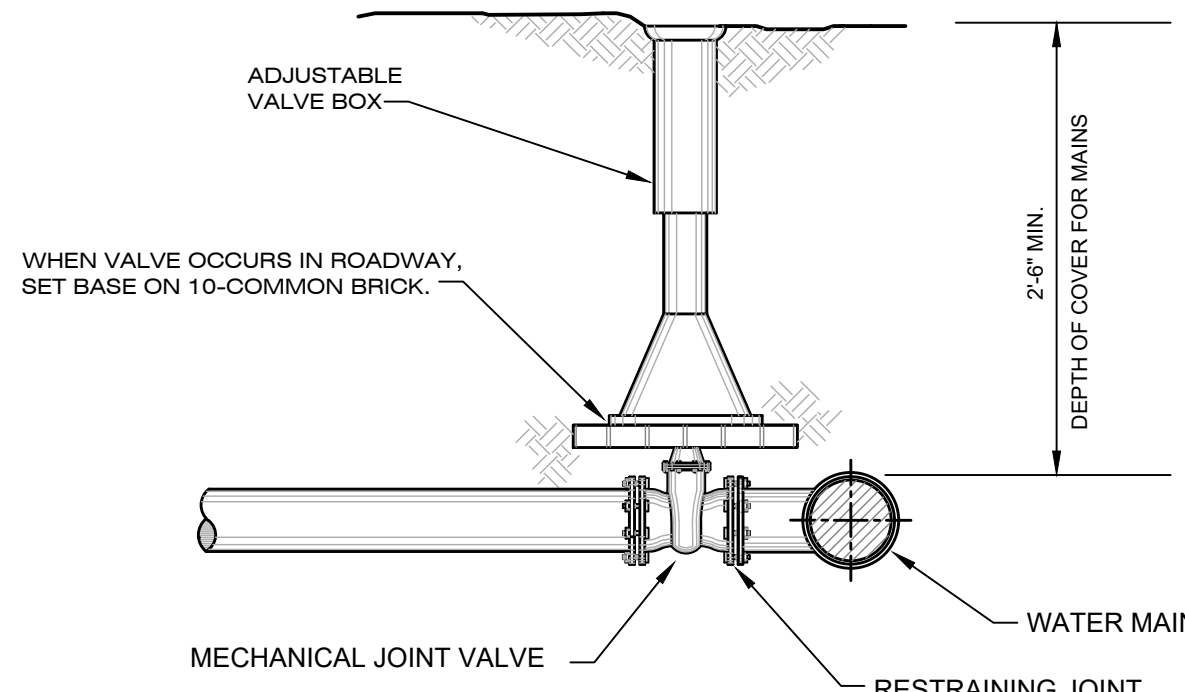
BLOCKING DETAILS



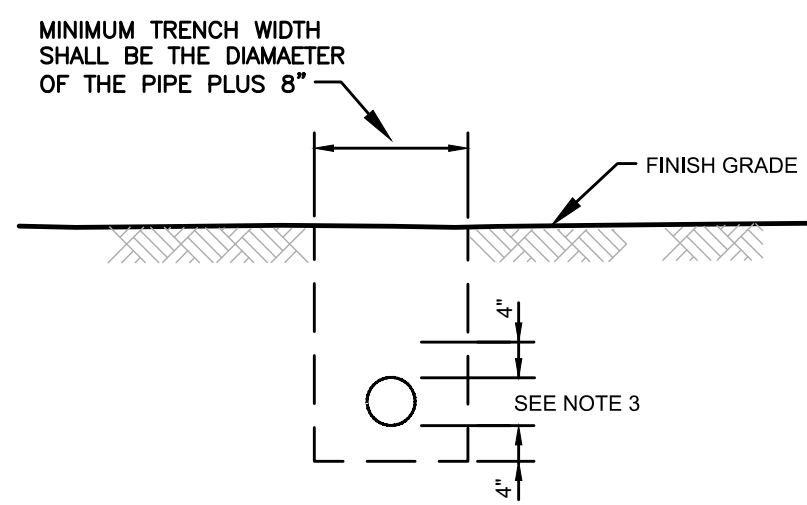
SECTION C-C

③ DIMENSIONS FOR CONCRETE BLOCKING FOR BENDS-DOWNWARD THRUST

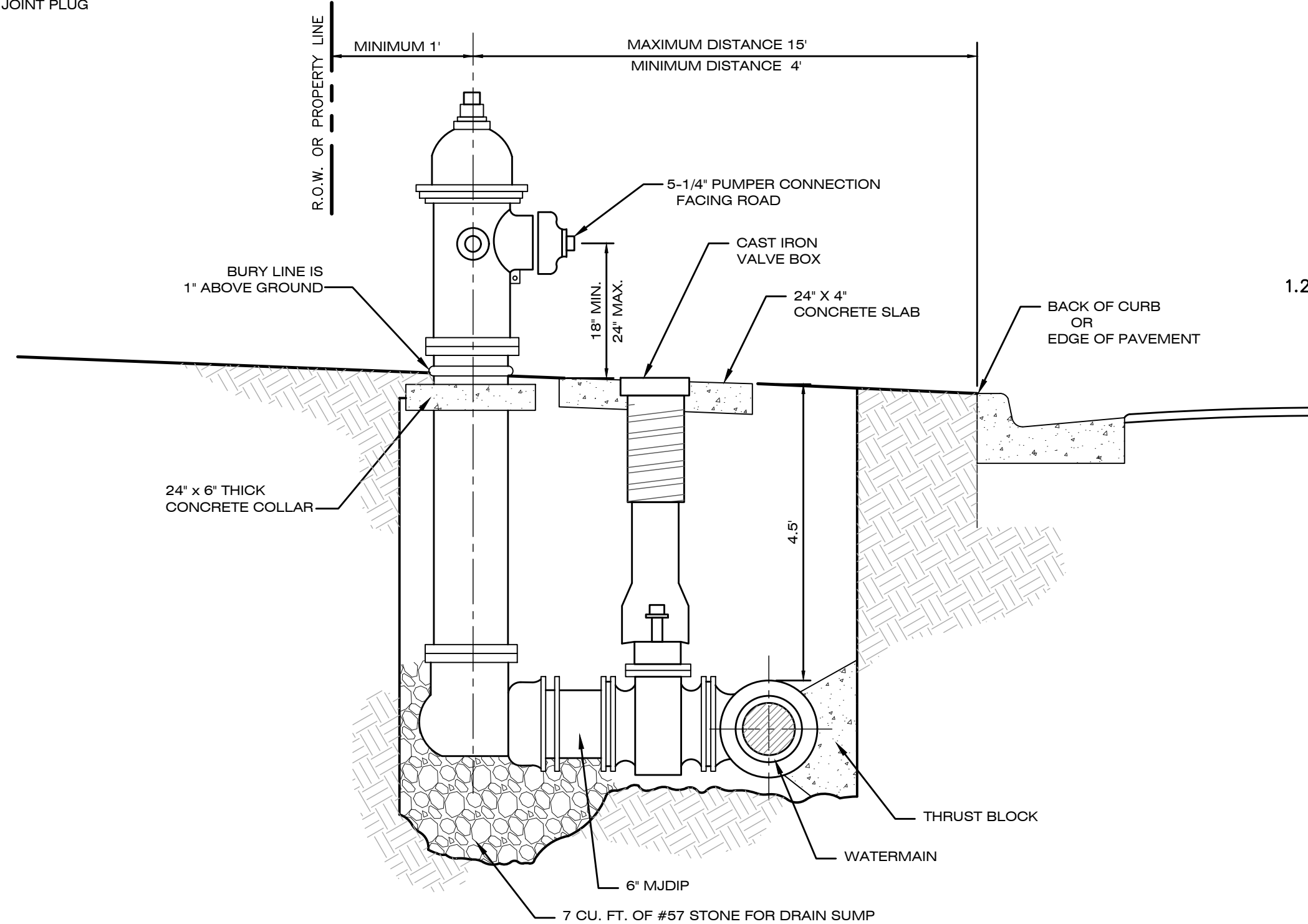
BEND	SIZE	A (FT)	B (FT)	C (IN)	D (FT)	VOLUME (CU. YD.)
11 1/2°	6"	0.3	0.5	2	1.0	0.04
	8"	0.3	0.5	2	1.0	0.05
	12"	1.2	1.4	2	2.0	0.1
	18"	2.4	2.4	3	2.0	0.3
22 1/2°	6"	0.7	0.7	2	1.0	0.05
	8"	1.2	1.4	2	2.0	0.1
	12"	2.7	2.7	3	2.0	0.3
	18"	4.8	4.8	3	3.0	0.6
45°	6"	1.2	1.2	2	1.5	0.11
	8"	2.2	2.2	2	2.0	0.3
	12"	4.8	4.8	3	3.0	0.7
	18"	8.8	8.8	3	4.0	1.4
90°	6"	1.8	1.8	2	2.0	0.2
	8"	3.1	3.1	2	3.0	0.4
	12"	7.0	7.0	3	4.0	2.1
	18"	12.4	12.4	3	5.0	3.1
	20"	19.4	19.4	4	7.0	5.3



TYPICAL VALVE SETTING

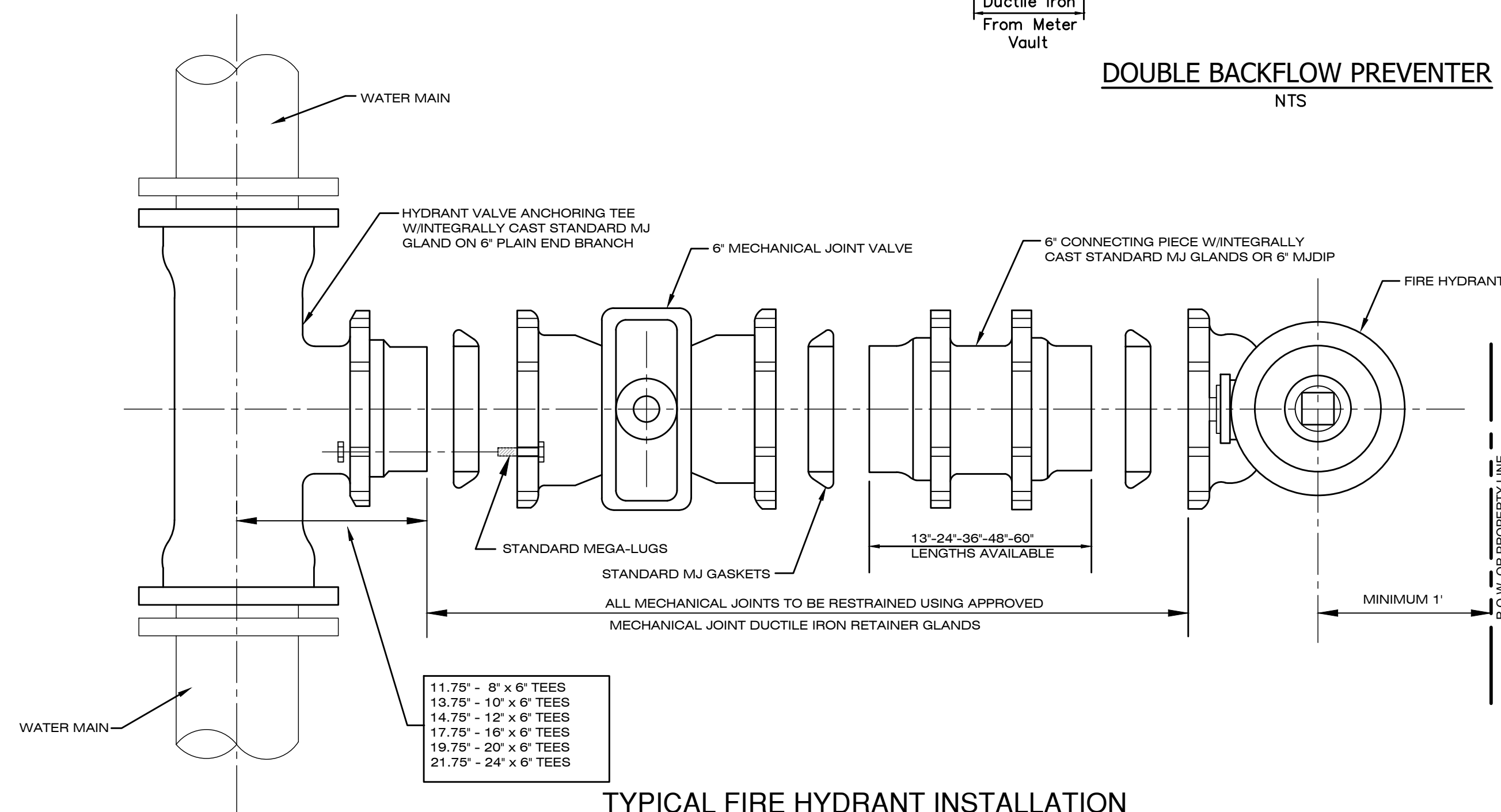


LATERAL TRENCH SECTION



- NOTES:**
- FIRE HYDRANTS SHALL BE PLACED AT STREET INTERSECTIONS OR IN THE RIGHT-OF-WAY ADJACENT TO SIDE LOT LINES WHENEVER POSSIBLE.
 - ALL VALVES MUST BE RATED AT WORKING PRESSURE OF 200 PSI AND TESTED AT A PRESSURE OF 250 PSI.
 - ALL FIRE HYDRANTS MUST BE MUELLER A-423 AND BE ACCOMPANIED BY A MANUFACTURER'S CERTIFICATE THAT STATES EACH FIRE HYDRANT HAS BEEN TESTED AT AWWA SPECIFICATIONS C502-85 OR LATER VERSION.
 - CONCRETE STRENGTH TEST REQUIRED FOR ALL POURED-IN-PLACE CONCRETE.
 - FIRE HYDRANTS SHALL BE MUELLER CENTURIAN NO. A-423 OR APPROVED EQUAL.

TYPICAL FIRE HYDRANT SETTING

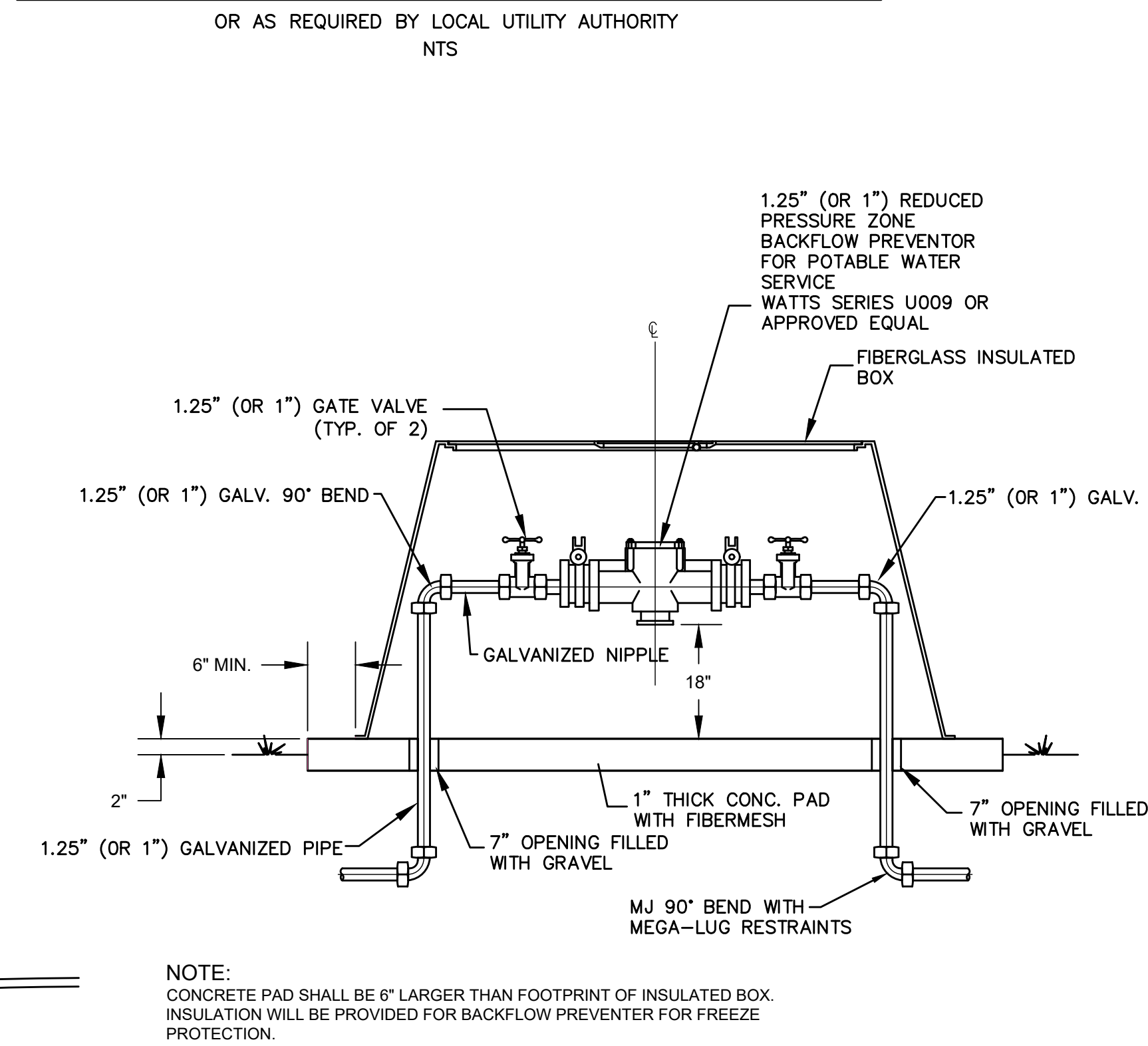


TYPICAL FIRE HYDRANT INSTALLATION

- NOTE:**
- NEW TRACER WIRE TO BE RUN ON OUTSIDE OF VALVE BOX
 - DRILL HOLE 7/8" MINIMUM AND 1" MAXIMUM IN VALVE BOX AND INSERT TRACER WIRE TO INSIDE OF BOX. PROVIDE A SMOOTH EDGED GROMMET ON THE DRILLED HOLE TO PREVENT WIRE DAMAGE. HOLE TO BE 2'-4" BELOW BOTTOM OF VALVE PAD AND/OR VALVE COVER.
 - COILED CONTINUOUS TRACER WIRE TO EXTEND 2' MIN ABOVE SURFACE OF CONCRETE PAD. PROVIDE SUFFICIENT LENGTH OF CONTINUOUS WIRE INSIDE VALVE BOX TO ALLOW WIRE TO EXTEND A MINIMUM OF 2' ABOVE GROUND WHEN NECESSARY.

TYPICAL VALVE, BOX AND TRACER WIRE INSTALLATION

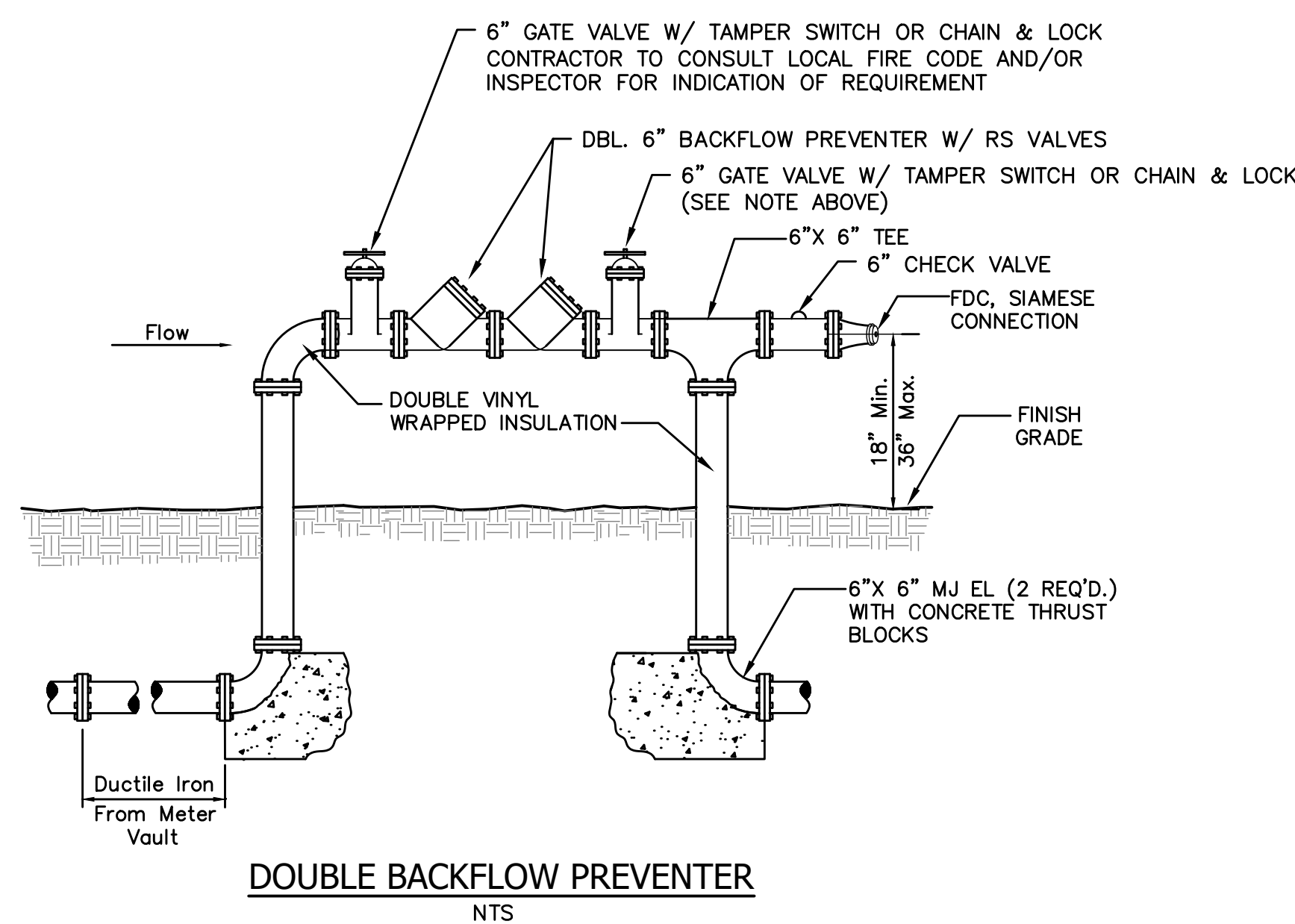
OR AS REQUIRED BY LOCAL UTILITY AUTHORITY



- NOTE:**
- CONCRETE PAD SHALL BE 6" LARGER THAN FOOTPRINT OF INSULATED BOX. INSULATION WILL BE PROVIDED FOR BACKFLOW PREVENTER FOR FREEZE PROTECTION.

1.25" (OR 1") BACKFLOW PREVENTER

NTS

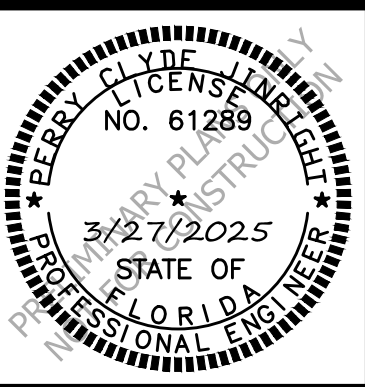


DOUBLE BACKFLOW PREVENTER

NTS

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY PERRY CLOZE
JINRIGHT, P.E. ON THE DATE ADJACENT TO THE SEAL
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND
SEALED UNLESS THE SIGNATURE AND SEAL ARE REPRODUCED WITH ALL NECESSARY DETAILS

Jinright & Associates Development Engineers
208 Green Road North Fairhope, Alabama 36532
P.O. Box 1029 Fairhope, Alabama 36533
Phone: (251) 928-3443 Fax: (251) 928-3665
jadesigns.com FL CA 27/24



NO.	REVISION	DATE	APPR.
1.	ISSUE FOR SCHEDULE I	3/27/25	

CIVIL CONSTRUCTION DETAILS (4)
TSC LAKE CITY SOUTH, FL
HSC LAKE CITY SOUTH LLC

JOB NO: 24-1941.20
SCALE: N/A
DATE: MARCH 2025
DRAFTER: JP/TVML
SHEET: C11

EROSION CONTROL NOTES:

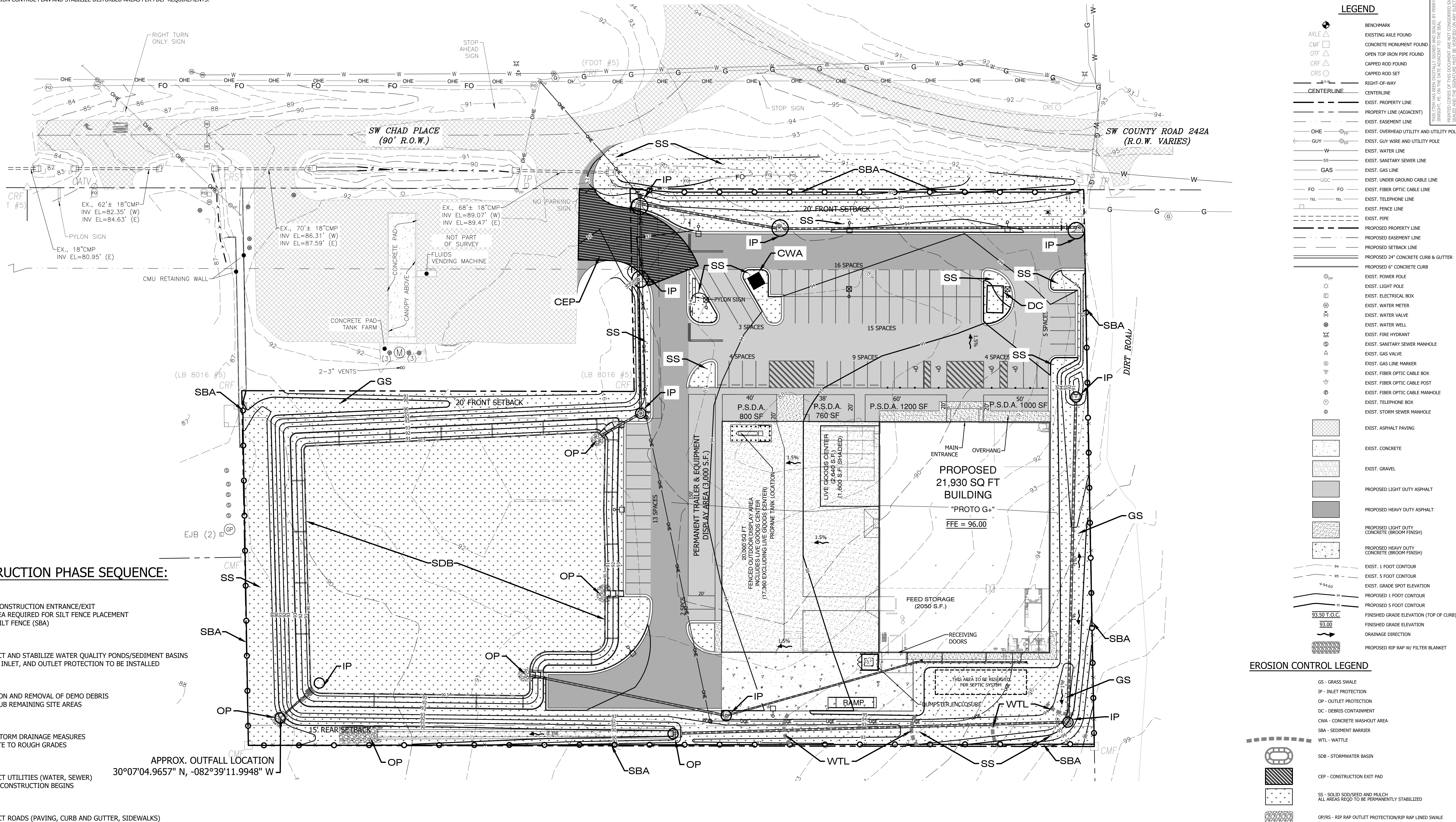
1. ALL EROSION CONTROL MEASURES ARE TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE LATEST FDEP STANDARDS.
2. ALL AREAS LEFT UNATTENDED FOR LONGER THAN 14 DAYS SHALL BE COVERED WITH SEASONAL TEMPORARY SEEDING AND MULCHING.
3. ALL SLOPES SHALL BE TRACKED PERPENDICULAR TO THE SLOPE.
4. NO WORK SHALL COMMENCE UNTIL ALL APPLICABLE EROSION CONTROL MEASURES HAVE BEEN INSTALLED, INSPECTED BY THE PROJECT ENGINEER, AND APPROVED.
5. STORMWATER DETENTION POND OR SEDIMENT BASIN SHALL BE CONSTRUCTED, INSPECTED, AND APPROVED PRIOR TO WORK ON ANY OTHER TASK, UNLESS OTHERWISE APPROVED BY THE PROJECT ENGINEER.
6. ALL DISTURBED AREAS WILL BE PROPERLY STABILIZED. CONTRACTOR TO COORDINATE WITH LANDSCAPE PLAN FOR FINAL PLANTING REQUIREMENTS.
7. 4" MIN TOPSOIL TO BE SPREAD ACROSS DISTURBED SURFACES ONCE FINAL GRADING HAS BEEN ESTABLISHED. CONTRACTOR TO PROVIDE SEED/SOD AS PER EROSION CONTROL PLAN AND STABILIZE DISTURBED AREAS PER FDEP REQUIREMENTS.

SITE CONSTRUCTION DEBRIS DISPOSAL NOTE:

A DUMPSTER OF SUITABLE SIZE SHALL BE ON-SITE DURING ALL PHASES OF CONSTRUCTION ACTIVITIES AND EMPTIED AT A SUITABLE PERMITTED DISPOSAL SITE AND REPLACED AS NEEDED THROUGHOUT THE DURATION OF THE PROJECT. ALL DISPOSAL SHALL MEET ALL LOCAL, STATE, AND FEDERAL CODES AND REGULATIONS.

RAINFALL INSPECTION NOTE:

ALL EROSION CONTROLS SHALL BE INSPECTED BY A QUALIFIED PERSON WITHIN 24 HOURS OF A RAINFALL EVENT OF 1/2 INCH OR GREATER AND REPAIRED AS NEEDED.



CONSTRUCTION PHASE SEQUENCE:

PHASE ONE

- INSTALL CONSTRUCTION ENTRANCE/EXIT
- CLEAR AREA REQUIRED FOR SILT FENCE PLACEMENT
- INSTALL SILT FENCE (SBA)

PHASE TWO

- CONSTRUCT AND STABILIZE WATER QUALITY PONDS/SEDIMENT BASINS
- WATTLIES, INLET, AND OUTLET PROTECTION TO BE INSTALLED

PHASE THREE

- DEMOLITION AND REMOVAL OF DEMO DEBRIS
- CLEAR/GRUB REMAINING SITE AREAS

PHASE FOUR

- INSTALL STORM DRAINAGE MEASURES
- GRADE SITE TO ROUGH GRADES

PHASE FIVE

- CONSTRUCT UTILITIES (WATER, SEWER)
- BUILDING CONSTRUCTION BEGINS

PHASE SIX

- CONSTRUCT ROADS (PAVING, CURB AND GUTTER, SIDEWALKS)
- BUILDING CONSTRUCTION CONTINUES

PHASE SEVEN

- BUILDING CONSTRUCTION COMPLETED
- STABILIZE DISTURBED AREAS WITH SOLID SOD
- INSTALL PERMANENT LANDSCAPING

PHASE EIGHT

- REMOVE BMP MEASURES

PHASE NINE

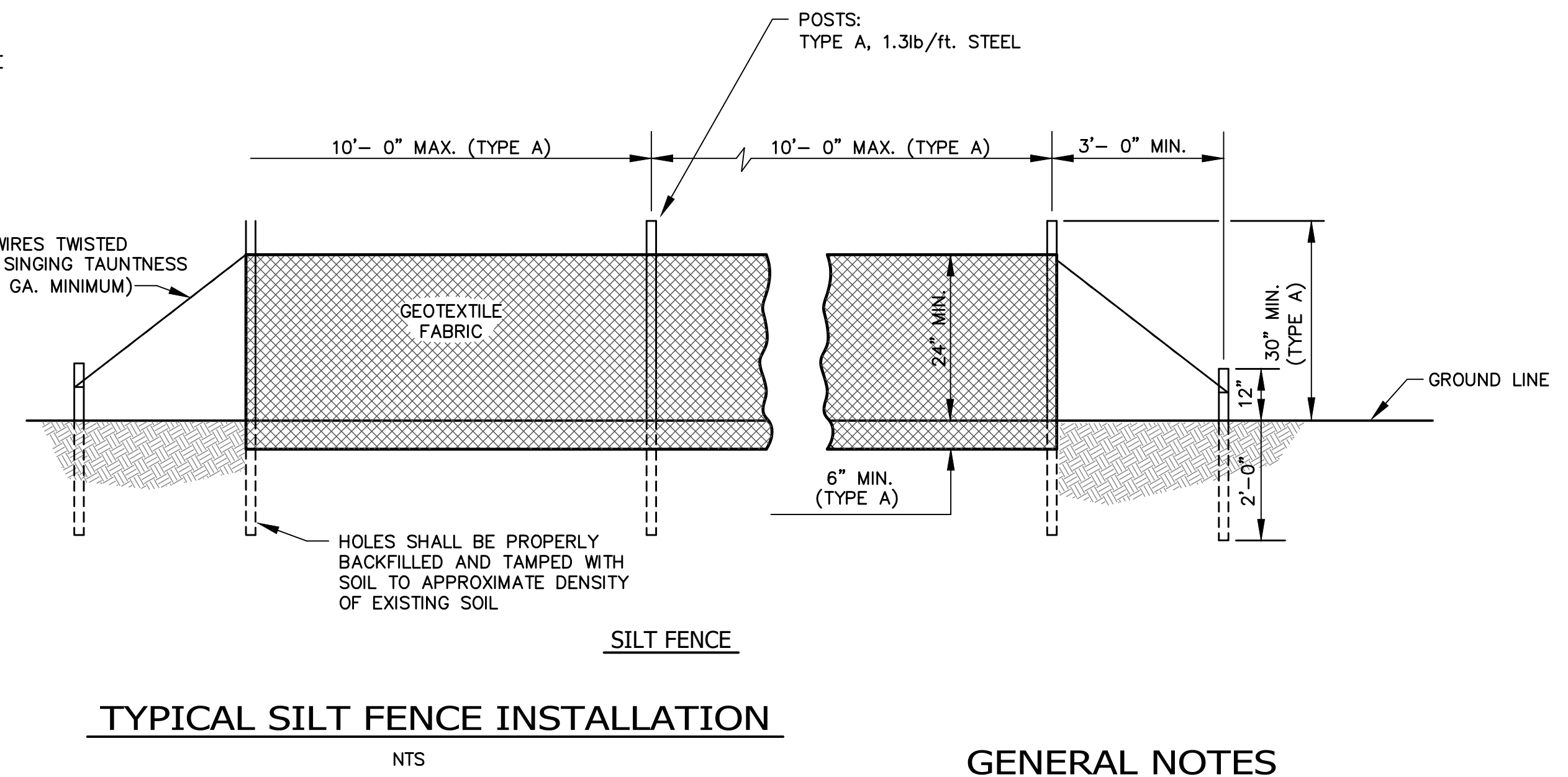
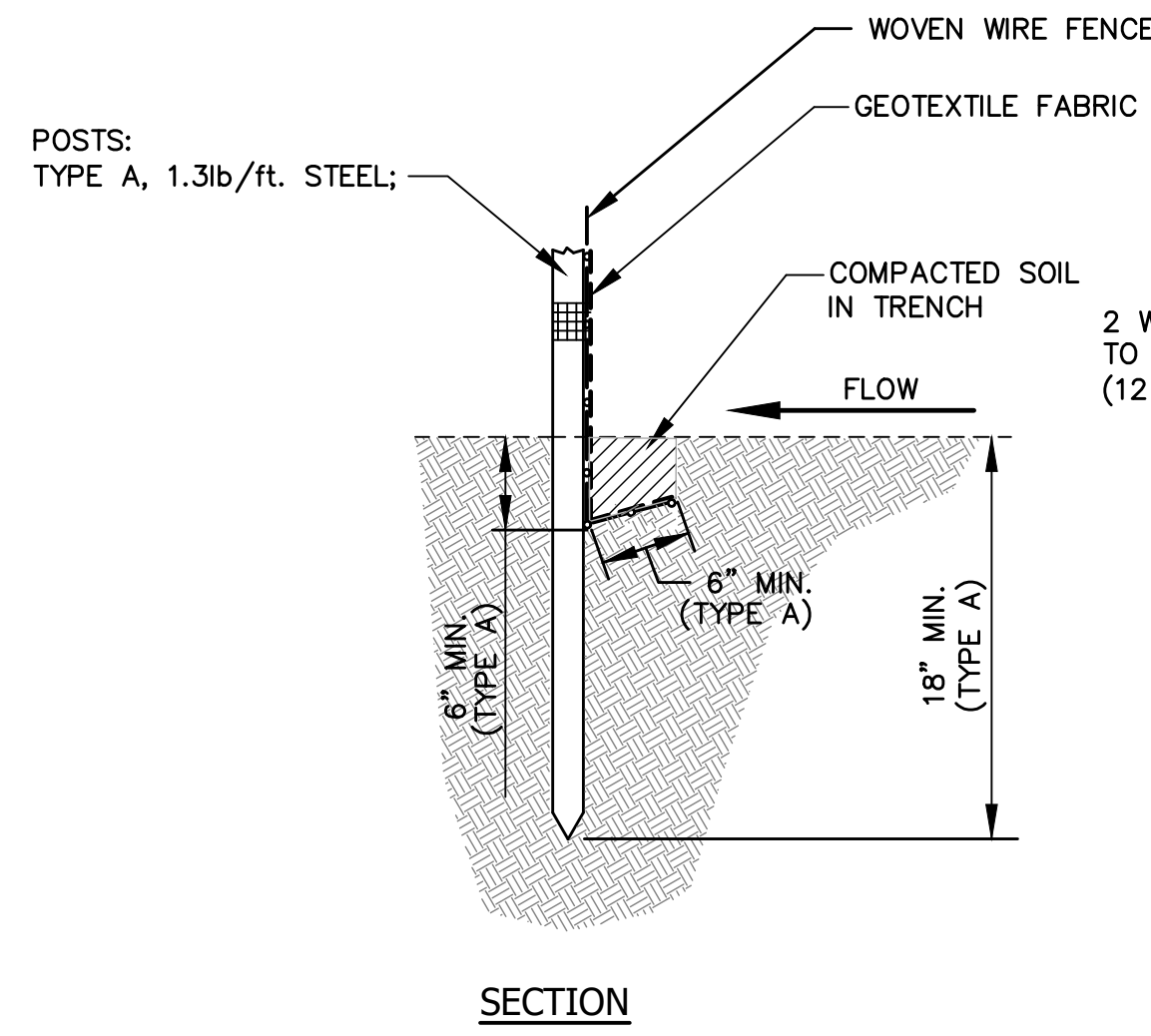
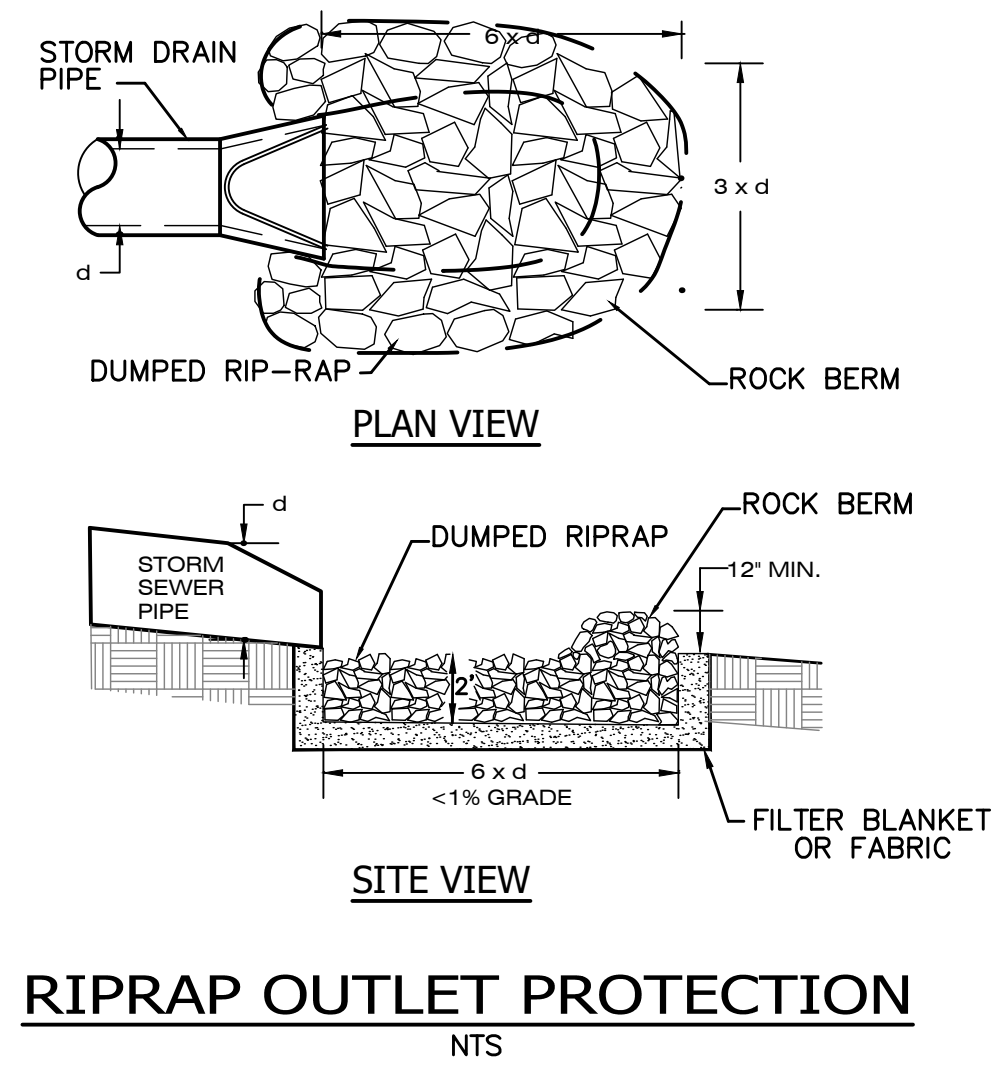
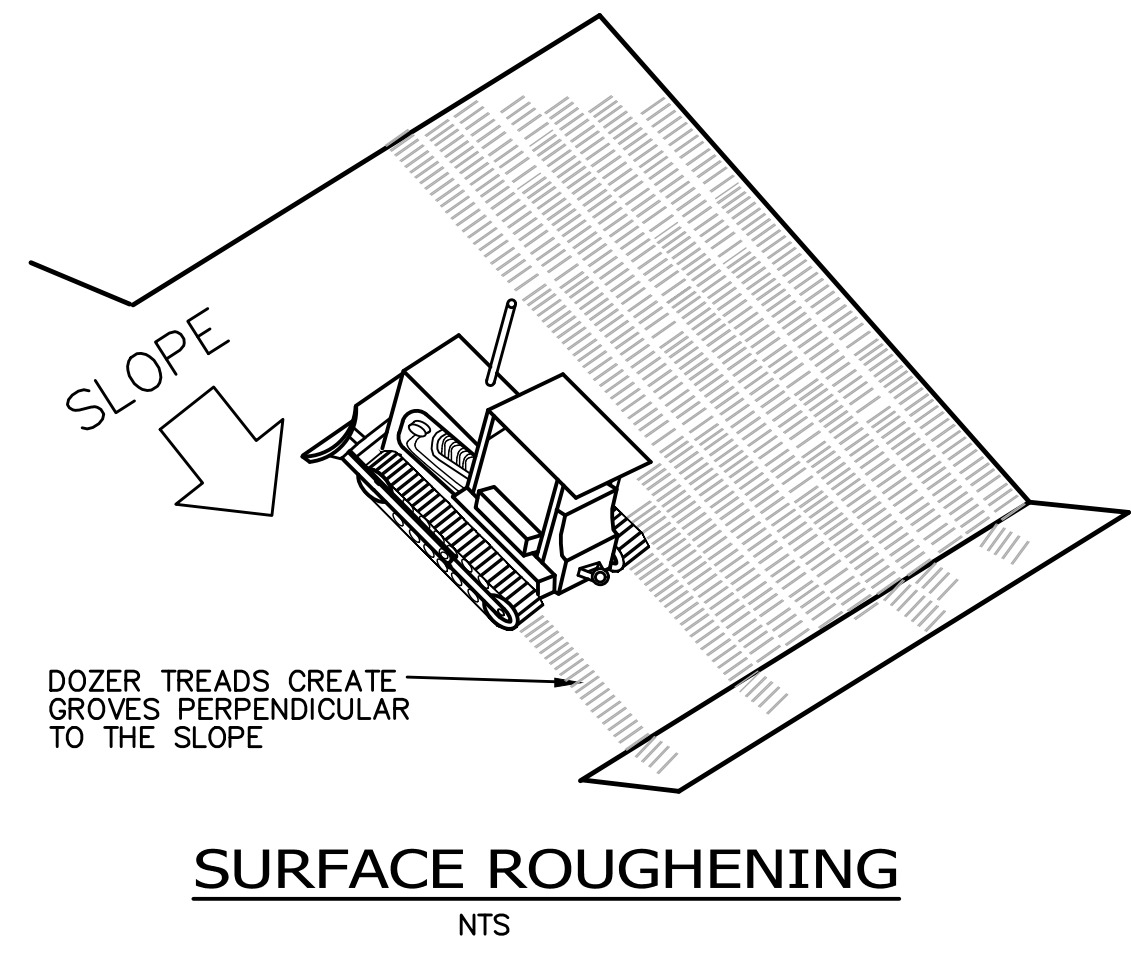
- REMOVE SILT FENCE
- PROJECT COMPLETE, FINAL INSPECTION, FILE NOTICE OF TERMINATION

APPROX. OUTFALL LOCATION
30°07'04.9657" N, -082°39'11.9948" W

EROSION CONTROL LEGEND

- GS - GRASS SWALE
- IP - INLET PROTECTION
- OP - OUTLET PROTECTION
- DC - DEBRIS CONTAINMENT
- CWA - CONCRETE WASHOUT AREA
- SBA - SEDIMENT BASIN
- WTL - WATTLE
- SDB - STORMWATER BASIN
- CEP - CONSTRUCTION EXIT PAD
- SS - SOLID SOD/SEED AND MULCH
ALL AREAS REQ'D TO BE PERMANENTLY STABILIZED
- OPRS - RIP RAP OUTLET PROTECTION/RIP RAP LINED SWALE

NO.	REVISION	DATE	APPR.
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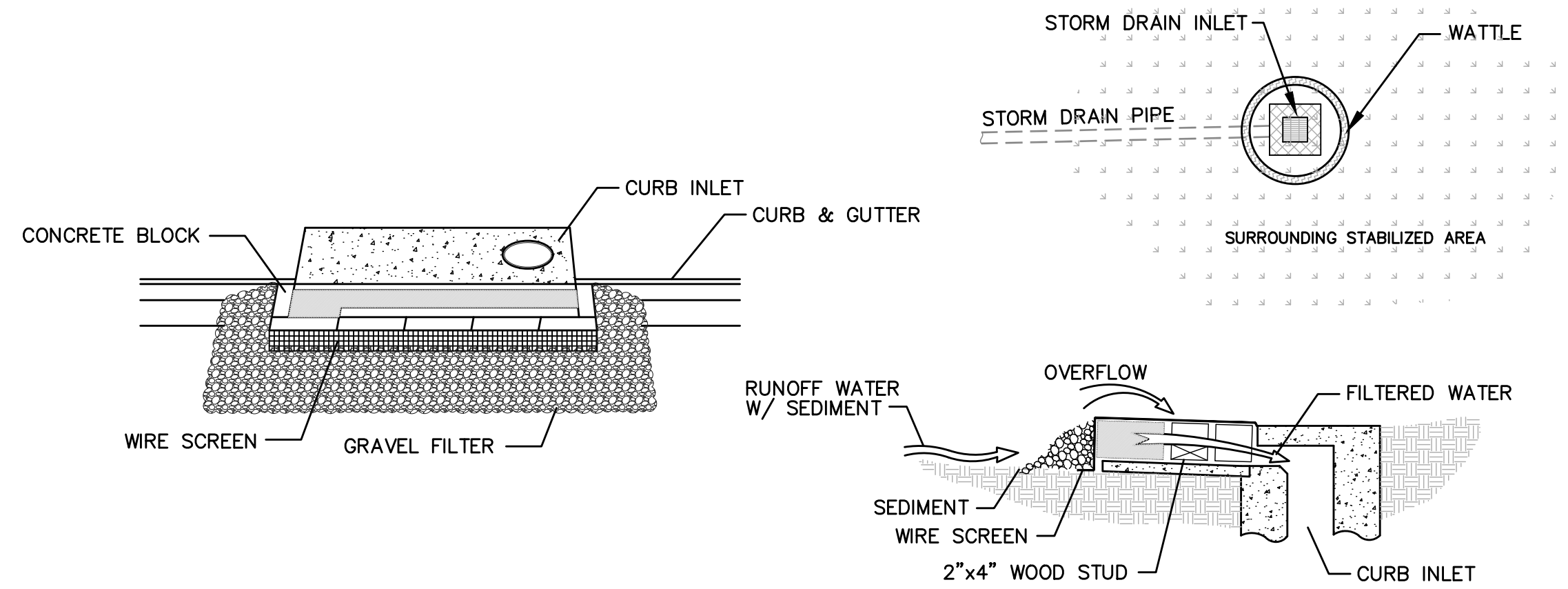
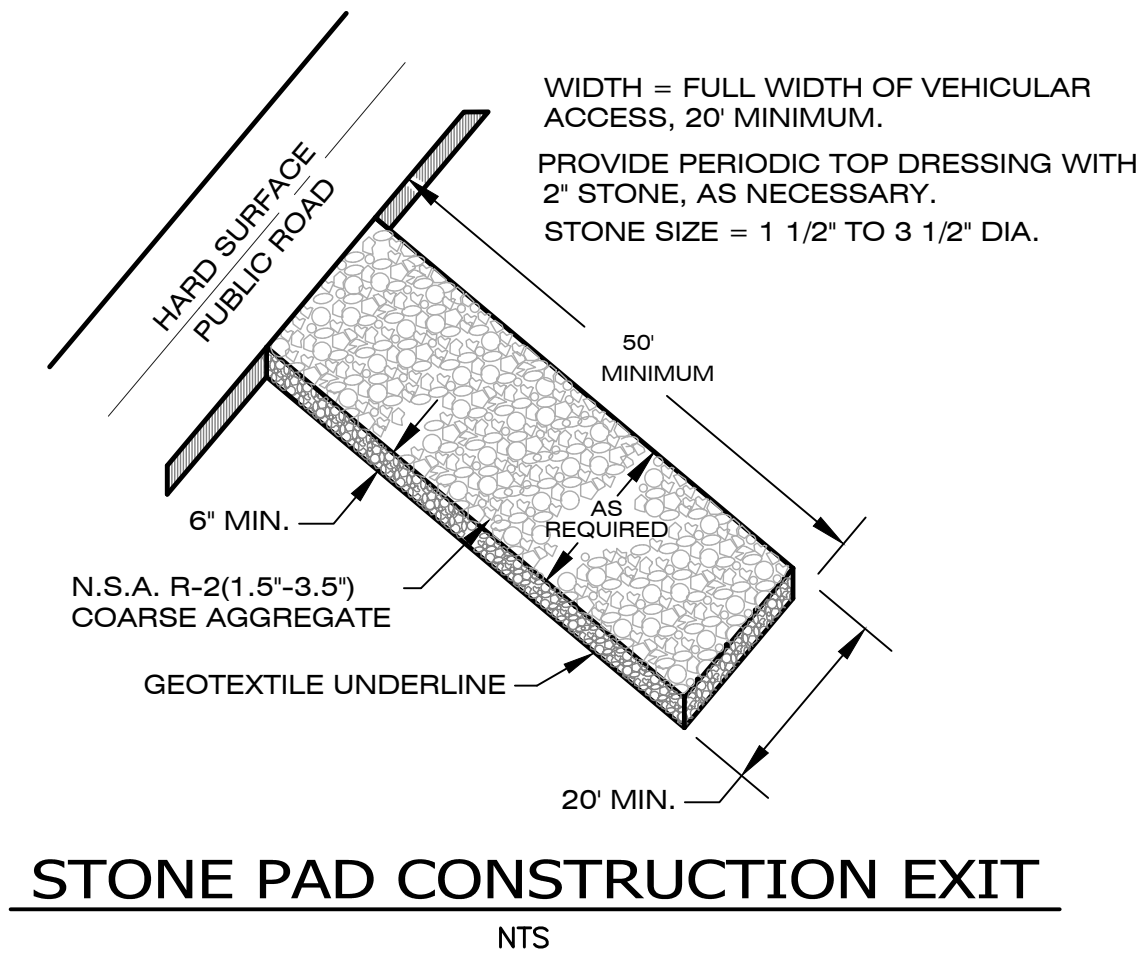


GENERAL NOTES

1. TYPE "A" SILT FENCE SHALL NOT BE USED IN AREAS OF CONCENTRATED FLOW.
2. SILT FENCES ARE TEMPORARY EROSION CONTROL ITEMS THAT SHALL BE ERECTED OPPOSITE ERODIBLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS AND CHANNELS.
3. REPAIR OR REPLACE DAMAGED FABRIC AND SUPPORTS AS NEEDED AND REMOVE SEDIMENT WHEN IT HAS ACCUMULATED OVER 1/3 OF THE HEIGHT OF THE FENCE. SEDIMENT MUST BE RETURNED TO SUITABLE ONSITE SEDIMENT STOCKPILE OR TRUCKED OFFSITE AND DEPOSITED IN AN APPROPRIATE DIRT STORAGE FACILITY.
4. WHEREVER POSSIBLE, SILT FENCES SHALL BE CONSTRUCTED ACROSS A FLAT AREA IN THE SHAPE OF A HORSESHOE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATES SEDIMENTATION.
5. AFTER THE CONSTRUCTION AREA IS STABILIZED AND EROSION ACTIVITY CURTAILED, SILT FENCES SHALL BE REMOVED.
6. RING FASTENERS USED TO SECURE GEOTEXTILES TO WOVEN WIRE SHALL BE 13 GA. (AMERICAN).
7. IF WOOD POSTS ARE USED, STAPLES FOR SECURING WOVEN WIRE TO POSTS SHALL BE 17 GAUGE MIN., 3/4" WIDE AND 1/2" LONG. FIVE (5) PER POST @ APPROXIMATELY 1'-0" ON CENTER. IF NAILS ARE USED THEY SHALL BE 14 GAUGE MIN., 1" LONG WITH A 3/4" BUTTON HEAD, FOUR (4) MINIMUM.
8. WOVEN WIRE TO BE 12 1/2 GAUGE (MINIMUM).

SPECIFICATIONS

CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION
AND THE FLORIDA HANDBOOK FOR EROSION CONTROL,
SEDIMENT CONTROL AND STORMWATER MANAGEMENT
ON CONSTRUCTION SITES AND URBAN AREAS



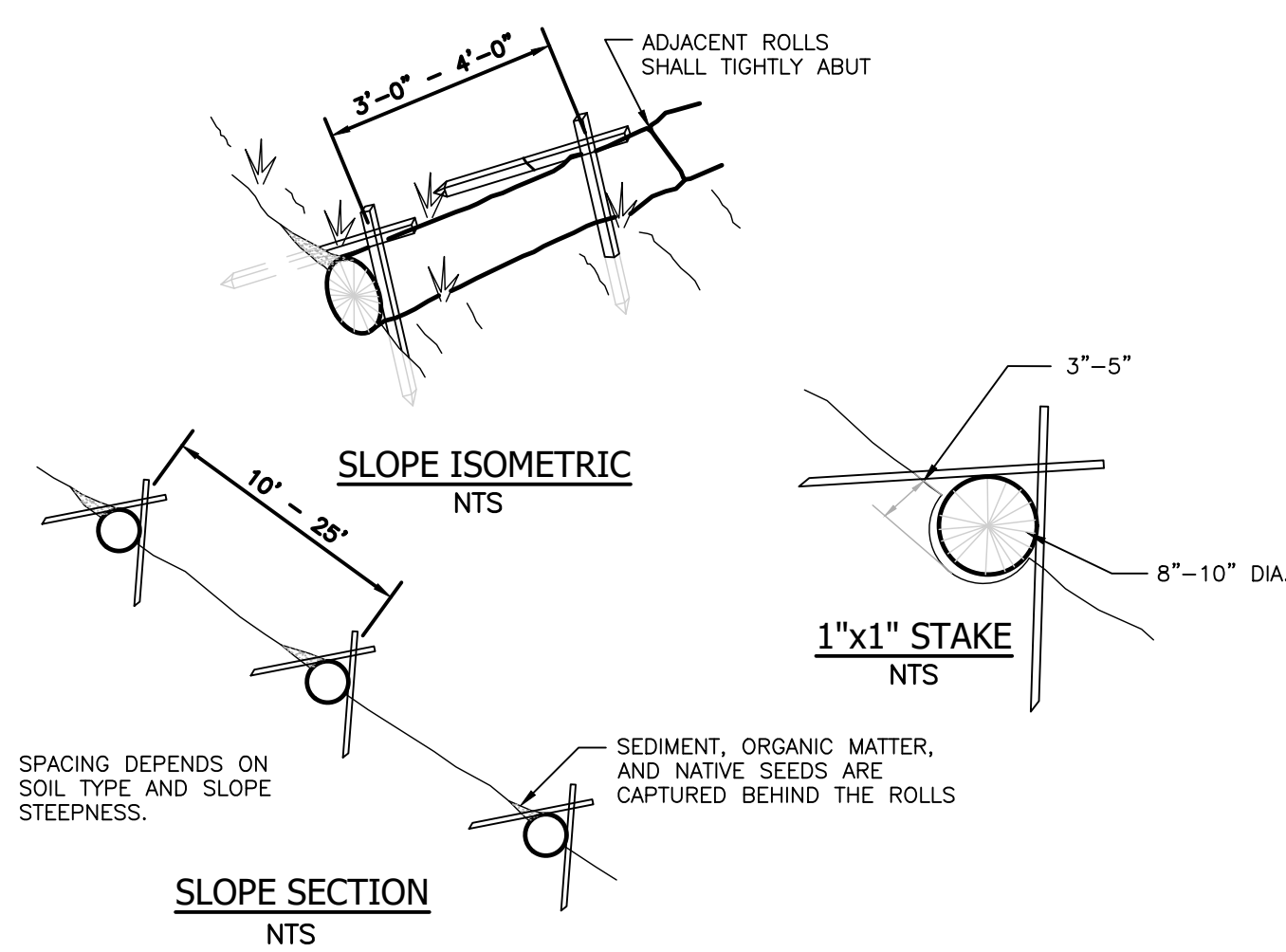
BLOCK & GRAVEL CURB INLET SEDIMENT FILTER

SPECIFIC APPLICATION

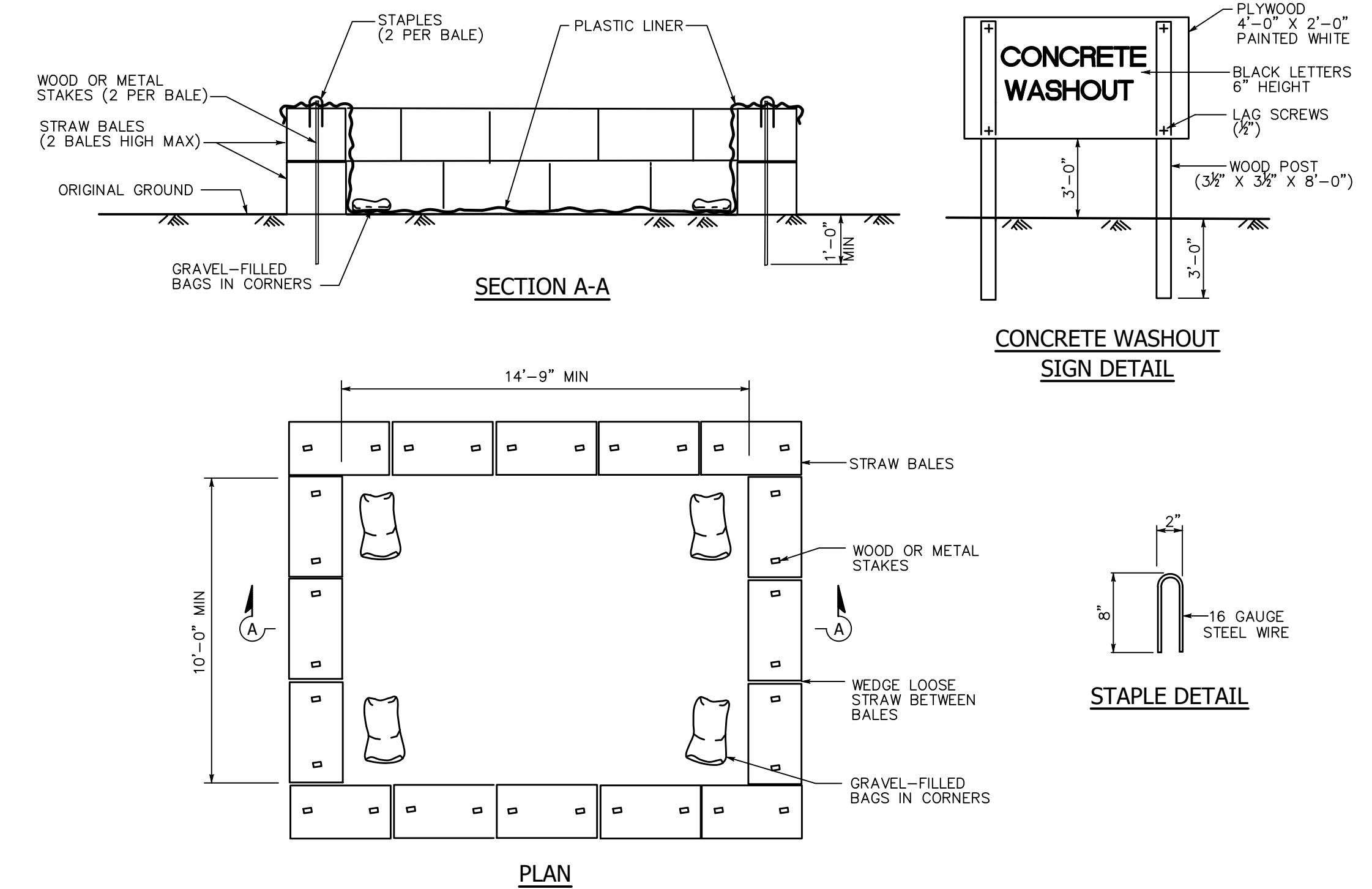
THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE AN OVERFLOW CAPABILITY IS NECESSARY TO PREVENT EXCESSIVE PONDING IN FRONT OF THE STRUCTURE.

MAINTENANCE

- 1) THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
- 2) SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
- 3) STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.



- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3" - 5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

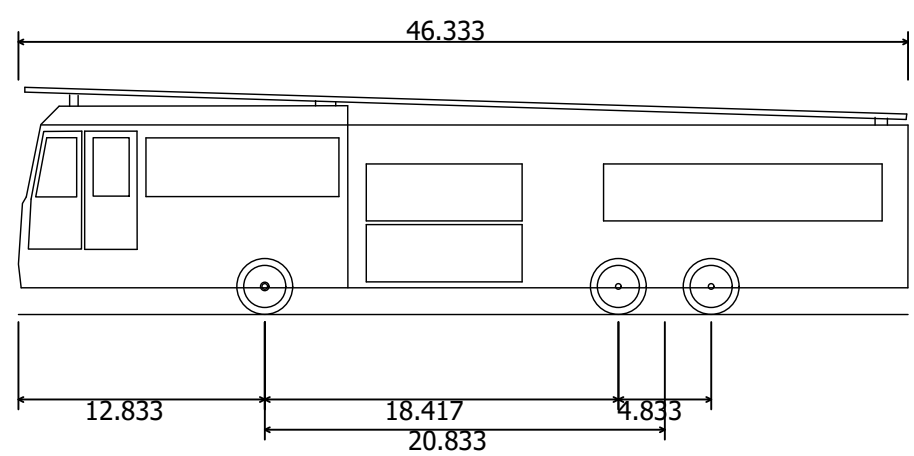


NOTES TO CONTRACTOR:

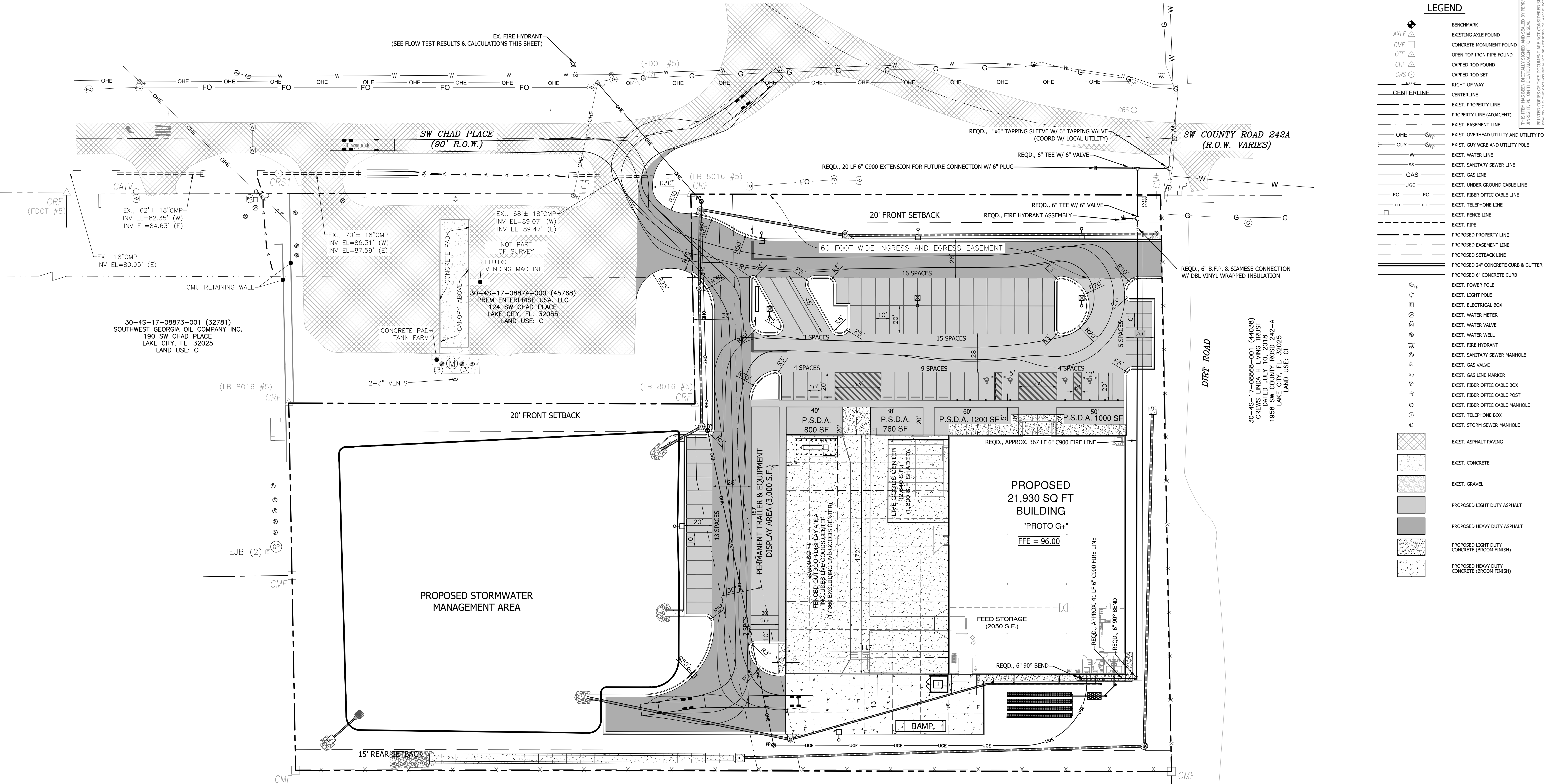
1. EVERY EFFORT HAS BEEN MADE TO ENSURE THAT THE BUILDING INDICATED IN THESE DRAWINGS MATCHES THE ARCHITECT'S LATEST BUILDING AND FOUNDATION PLAN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THE AGREEMENT BETWEEN THE BUILDING FOOTPRINT SHOWN IN THESE PLANS AND THE ARCHITECT'S BUILDING FOOTPRINT AND FOUNDATION PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
2. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ANY EXISTING SLOPES AND INFRASTRUCTURES ON THE SITE (I.E. PONDS, INLETS, ETC.).
3. CONTRACTOR TO VIDEO ALL EXISTING SEWER AND DRAIN LINES TO ENSURE THEY ARE CLEAR AND IN PROPER WORKING ORDER. PROVIDE VIDEO TO THE OWNER.
4. AFTER THE STORM DRAIN SYSTEM IS COMPLETED THE CONTRACTOR SHALL VIDEO THE SYSTEM AND SUBMIT VIDEO TO THE OWNER FOR REVIEW.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE SITE FOR THE DURATION OF THE PROJECT.
6. ALL EARTHWORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH GEOTECHNICAL RECOMMENDATIONS.
7. ALL CONDUIT LOCATIONS FOR POWER, TELEPHONE, AND CABLE SHALL BE COORDINATED WITH ARCHITECTURAL PLANS AND LOCAL UTILITY PROVIDERS.

DIMENSION NOTE:

DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.



E-ONE Emergency One Ocala FL
Overall Length 46.333ft
Overall Width 8.333ft
Overall Body Height 11.833ft
Min Body Ground Clearance 1.393ft
Track Width 8.333ft
Lock-to-lock time 6.00s
Max Wheel Angle 45.00°



LEGEND

- AXLE (Symbol)
- CMF (Symbol)
- OTF (Symbol)
- CRF (Symbol)
- CRS (Symbol)
- CENTERLINE (Symbol)
- EXIST. PROPERTY LINE (Symbol)
- PROPERTY LINE (ADJACENT) (Symbol)
- EXIST. EASEMENT LINE (Symbol)
- OHE (Symbol)
- GUY (Symbol)
- W (Symbol)
- SS (Symbol)
- GAS (Symbol)
- UGC (Symbol)
- FO (Symbol)
- TEL (Symbol)
- BENCHMARK (Symbol)
- EXISTING AXLE FOUND (Symbol)
- CONCRETE MONUMENT FOUND (Symbol)
- OPEN TOP IRON PIPE FOUND (Symbol)
- CAPPED ROD FOUND (Symbol)
- CAPPED ROD SET (Symbol)
- RIGHT-OF-WAY (Symbol)
- EXIST. OVERHEAD UTILITY AND UTILITY POLE (Symbol)
- EXIST. GUY WIRE AND UTILITY POLE (Symbol)
- EXIST. WATER LINE (Symbol)
- EXIST. SANITARY SEWER LINE (Symbol)
- EXIST. GAS LINE (Symbol)
- EXIST. UNDER GROUND CABLE LINE (Symbol)
- EXIST. FIBER OPTIC CABLE LINE (Symbol)
- EXIST. TELEPHONE LINE (Symbol)
- EXIST. FENCE LINE (Symbol)
- EXIST. PIPE (Symbol)
- PROPOSED PROPERTY LINE (Symbol)
- PROPOSED EASEMENT LINE (Symbol)
- PROPOSED SETBACK LINE (Symbol)
- PROPOSED 24" CONCRETE CURB & GUTTER (Symbol)
- PROPOSED 6" CONCRETE CURB (Symbol)
- EXIST. POWER POLE (Symbol)
- EXIST. LIGHT POLE (Symbol)
- EXIST. ELECTRICAL BOX (Symbol)
- EXIST. WATER METER (Symbol)
- EXIST. WATER VALVE (Symbol)
- EXIST. WATER WELL (Symbol)
- EXIST. FIRE HYDRANT (Symbol)
- EXIST. SANITARY SEWER MANHOLE (Symbol)
- EXIST. GAS VALVE (Symbol)
- EXIST. GAS LINE MARKER (Symbol)
- EXIST. FIBER OPTIC CABLE BOX (Symbol)
- EXIST. FIBER OPTIC CABLE POST (Symbol)
- EXIST. FIBER OPTIC CABLE MANHOLE (Symbol)
- EXIST. TELEPHONE BOX (Symbol)
- EXIST. STORM SEWER MANHOLE (Symbol)
- EXIST. ASPHALT PAVING (Symbol)
- EXIST. CONCRETE (Symbol)
- EXIST. GRAVEL (Symbol)
- PROPOSED LIGHT DUTY ASPHALT (Symbol)
- PROPOSED HEAVY DUTY ASPHALT (Symbol)
- PROPOSED LIGHT DUTY CONCRETE (BROOM FINISH) (Symbol)
- PROPOSED HEAVY DUTY CONCRETE (BROOM FINISH) (Symbol)

30-4S-17-08873-001 (44038)
CREWS LINDA H LIVING TRUST
DATED JULY 10, 2018
1956 SW COUNTY ROAD 242-A
LAKE CITY, FL 32025
LAND USE: CI

UTILITY INFORMATION

CONTRACTOR SHALL HAVE ALL EXISTING BURIED UTILITIES "LINE SPOTTED" BY CALLING 1-800-432-4770 (SUNSHINE 811) OR BY CONTACTING LOCAL UTILITY COMPANIES

WATER & GAS:	CITY OF LAKE CITY SHASTA M. PELHAM 173 NW HILLSBORO ST. LAKE CITY, FL 32055 PHONE: 386-719-5798 pelham@icfla.com
POWER:	CLAY ELECTRIC CRAIG WACHA 1797 FL 47 N LAKE CITY, FL 32025 PHONE: 386-961-0106 or 386-752-7447 (OFFICE) 386-867-1978 (CELL) cwacha@clayelectric.com
TELEPHONE:	AT&T FLORIDA SCOTT A. PEELER 400 SW 2ND AVE GAINESVILLE, FL 32601 PHONE: 352-213-4188 sp9109@att.com

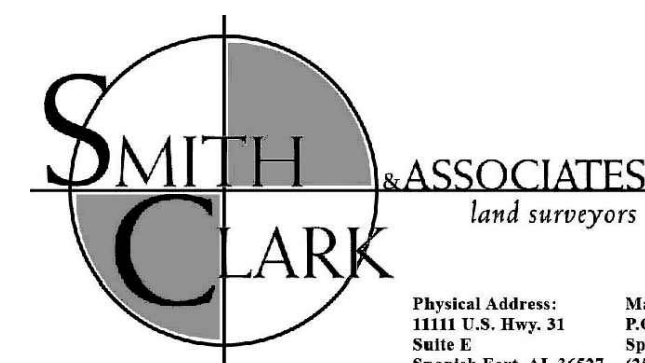
30-4S-17-08873-000 (32780)
SP DARBY LLC
JONES GLENN I JR & CHRISTINA F
JOINT REVOCABLE LIVING TRUST U/A/D MARCH 6, 2024
6709 SW 37th WAY
GAINESVILLE, FL 32608
LAND USE: CI

EXISTING UTILITIES DISCLAIMER:

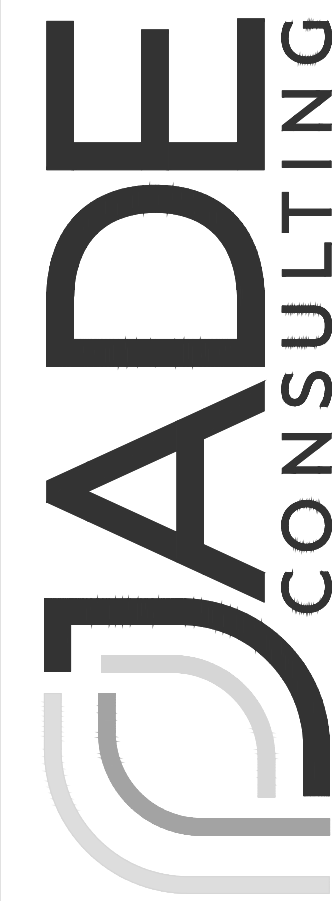
EXISTING UTILITIES INDICATED ON THESE PLANS ARE BASED ON AVAILABLE INFORMATION. CONTRACTOR IS REQUIRED TO VERIFY LOCATION, BURY DEPTH, SIZE AND MATERIAL TYPE PRIOR TO ANY UTILITY IMPROVEMENTS. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES THAT ARE FOUND.



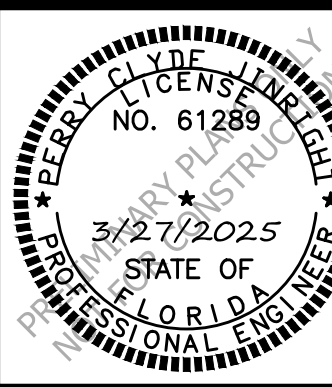
SURVEY PROVIDED BY:



Physical Address: 2118 E. N. Hwy. 31
Sallis P. Spanish Fork, AL 36557
Mailing Address: P.O. Box 7682
Spanish Fork, AL 36557
(205) 424-8494



Jinright & Associates Development Engineers
208 Green Road North
P.O. Box 1293
Fairhope, Alabama 36535
Phone: (251) 928-3443
Fairhope, Alabama 36535
Fax: (251) 928-3665
jadesengineers.com
FL CA-27024



NO.	REVISION	DATE	APPR.
1.	ISSUE FOR SCHEDULE I	3/27/25	

EMERGENCY ACCESS PLAN
TSC LAKE CITY SOUTH, FL
HSC LAKE CITY SOUTH LLC

JOB NO: 24-1941.20
SCALE: 1" = 30'
DATE: MARCH 2025
DRAFTER: JP/TVML
SHEET: C14