



Utility Engineering Consultants, *LLC*

Phone : 205.951.3838
FAX : 205.951.3839
WEB : www.uecllc.com

135 Gemini Circle, Suite 211
Homewood, AL 35209
P.O. Box 19218
Birmingham, Alabama 35219

August 18, 2025

Sterrett – Vandiver Water System, Inc.
55 Shelby Avenue
Sterrett, Alabama 35147

**RE: ADDENDUM NO. 1
 STERRETT – VANDIVER WATER SYSTEM IMPROVEMENTS
 SERVICE LINE REPLACEMENT
 DWSRF PROJECT NO. FS010154-04 CONTRACT NO. 2**

All Contractors shall acknowledge receipt of Addendum No.1 for above referenced job by signing and returning this statement by email: spierce@uecllc.com or fax to (205) 951-3839.

Contractor: _____

Received by: _____

Date: _____



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 SERVICE LINE REPLACEMENT
 DWSRF PROJECT NO. FS010154-04 CONTRACT NO. 2**

The changes, modifications and/or additions covered by the set forth in this Addendum No. 1 shall become part of and be incorporated in the Specifications, Contract Documents and Bid Documents for the above referenced Project.

DRAWINGS

- 1. Replace the attached pages to the plans.**
- 2. Extra sheets are for the Shelby County Highway Permit which has been acquired.**

This Addendum No. 1 should be added to the Contract and Specifications Documents. Acknowledgment of receipt of Addendum No. 1 shall be noted in the Bid for Unit Price Contracts Section of this contract.

UTILITY ENGINEERING CONSULTANTS, LLC

Dave Bechtel

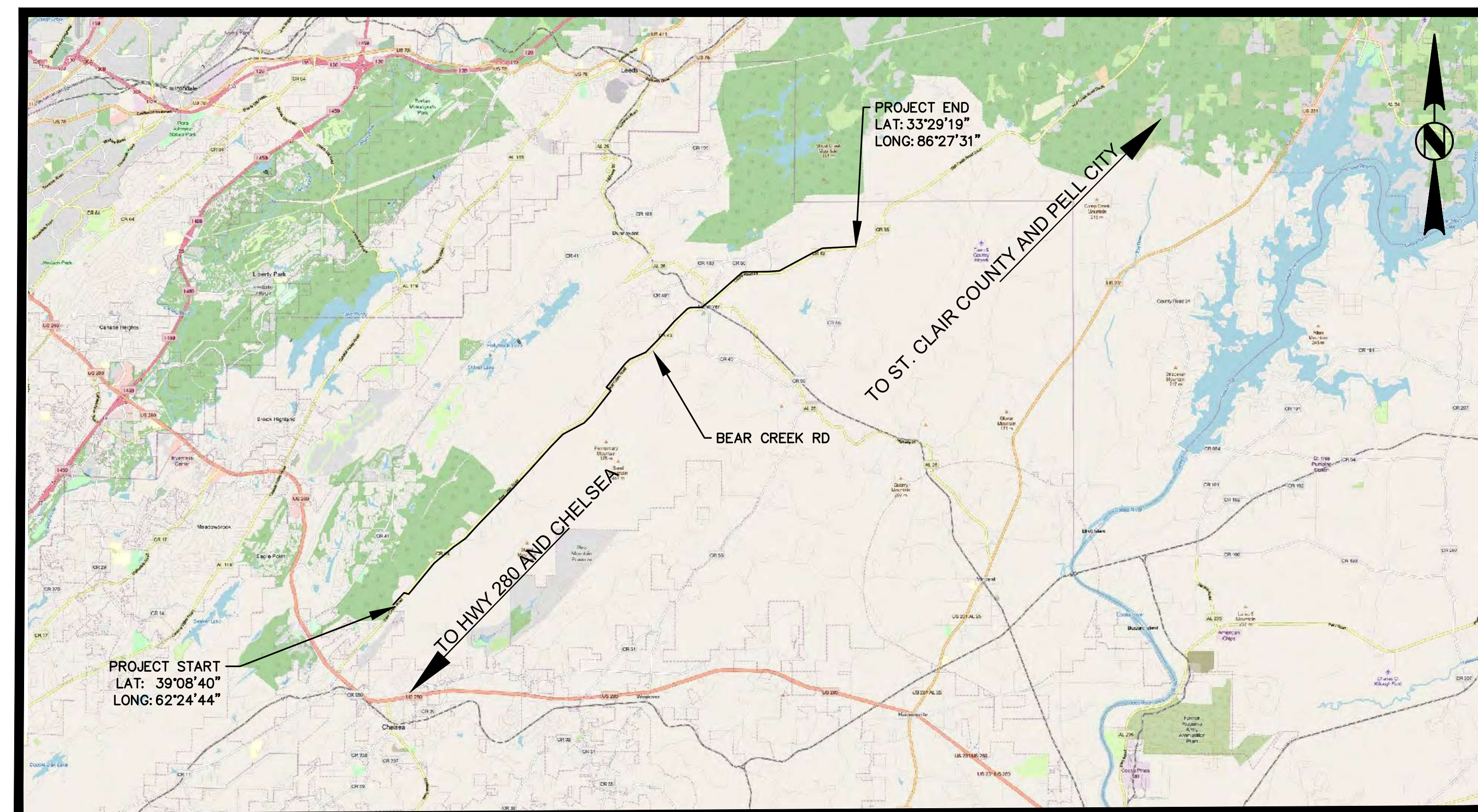
DB/sp

ATTACHMENT:

STERRETT-VANDIVER WATER SYSTEM, INC.

WATER SYSTEM IMPROVEMENTS SERVICE LINE REPLACEMENT CONTRACT NO. 2

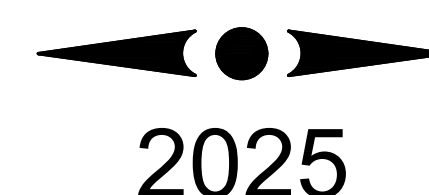
DWSRF PROJECT NO. FS010154-04



ENGINEER
UTILITY ENGINEERING CONSULTANTS, LLC.
135 GEMINI CIRCLE
SUITE 211
HOMWOOD, ALABAMA 35209
PHONE : (205) 951-3838



CONTRACT NO: SV25 077



CONTACT SHEET

PROJECT #	CITY	COUNTY	STATE	YEAR	SHEET
DWSRF PROJECT NO. FS01054-04 CONTRACT NO. 2	STERRETT-VANDIVER	SHELBY	AL	2025	NO 2

STATE GOVERNMENT:

ALDOT - DISTRICT 35 (SHELBY COUNTY)
ANDREW PORTER - PERMIT COORDINATOR
ATTN: MR. TIM WALLACE
3805 US 31 SOUTH
CALERA, AL 35040
PHONE: (205) 688-0173
FAX: (205) 668-0175

COUNTY GOVERNMENT:

SHELBY COUNTY HIGHWAY DEPARTMENT
506 HWY 70 COLUMBIANA, AL 35051
PHONE: (205) 669-3880

NOTE

CONTRACTOR TO PULL NEW SERVICE LINES
THROUGH EXISTING SERVICE. IF NOT POSSIBLE
THEN USE DIRECTIONAL BORE FOR NEW
SERVICE LINE.

UTILITY

ADDRESS

PHONE

COOSA VALLEY TECHNOLOGIES	69680 AL HWY 77 TALLADEGA, AL 35160	PHONE: (877) 618-9916, (205) 649-4669
COOSA VALLEY ELECTRIC	69220 AL HWY 77 TALLADEGA, AL 35160	PHONE: (256) 362-4180
ALABAMA POWER	MARTIN STREET PELL CITY, AL 35128	PHONE: (205) 338-3731
STERRETT - VANDIVER WATER SYSTEM INC	OLD MILL RD STERRET 35147	PHONE: (205) 671-3396
SPECTRUM		PHONE: (833) 949-0036
AT&T		PHONE: (800) 288-2020
SPIRE		PHONE: (800) 292-4008



CONTACT SHEET

STERRETT - VANDIVER WATER
SYSTEM, INC.

STERRETT - VANDIVER

WATER SYSTEM IMPROVEMENTS
SERVICE LINE REPLACEMENT
CONTRACT NO. 2
DWSRF PROJECT NO. FS010154-04

CONTRACT NO: SV25 077



**Utility
Engineering
Consultants, LLC**
WATER\WASTEWATER\GAS DESIGN - OPERATOR TRAINING

ENGINEER
UTILITY ENGINEERING CONSULTANTS, LLC.
135 GEMINI CIRCLE
SUITE 211
HOMEWOOD, ALABAMA 35209
PHONE : (205) 951-3638

PIPE FITTING SYMBOLS

A 90° ELBOW	P BLIND FLANGE
B 90° BASE ELBOW	Q MECHANICAL JOINT PLUG
C 90° LONG RADIUS ELBOW	R VICTAULIC COUPLING
D 90° REDUCING ELBOW	S MERCER EXPANSION JOINT
E 45° ELBOW	T FLANGED COUPLING ADAPTER
F 22 ° ELBOW	U GROOVED END IPS PIPE
G 11° ELBOW	V RETAINER GLANDS
H TEE	W FLARE 90° ELBOW
J CROSS	X FLARE CASTINGS
K 90° SIDE OUTLET ELBOW	WP WALL PIPE
L SIDE OUTLET TEE	FP FLOOR PIPE
M WYE	WS WALL SLEEVE
N CONCENTRIC REDUCER	FS FLOOR SLEEVE
O ECCENTRIC REDUCER	

ABBREVIATIONS

ACQ'D	ACQUIRED	L.F.	LINEAR FEET
AC.	ACRE	MJ	MECHANICAL JOINT
B.M.	BENCH MARK	P.O.C.	POINT ON CURVE
B.C.C.M.P.	BITUMINOUS COATED CORRUGATED METAL PIPE	P.C.	POINT OF CURVE
		P.I.	POINT OF INTERSECTION
BR. RES.	BRICK RESIDENCE	P.T.	POINT OF TANGENT
BLDG.	BUILDING	P.O.T.	POINT ON TANGENT
C.C.	CARRYING CAPACITY	P	PROPERTY LINE
C.I.	CAST IRON	R.R.	RAILROAD
C/L	CENTER LINE	R.	RANGE
CONC.	CONCRETE	R.O.W.	RIGHT OF WAY
COR.	CORNER	REQ'D.	REQUIRED
C.Y.	CUBIC YARD	R.C.P.	REINFORCED CONCRETE PIPE
C&G	CURB AND GUTTER	SAN. SEW.	SANITARY SEWER
D.F.	DESIGN FLOW	SEC.	SECTION
DIST.	DISTANCE	SHLDR.	SHOULDER
DBL.	DOUBLE	S.D.	SIDE DRAIN
D.A.	DRAINAGE AREA	S.Y.	SQUARE YARD
D.I.	DUCTILE IRON	STA.	STATION
D.I.P.	DUCTILE IRON PIPE	STM. SEW.	STORM SEWER
ESMT.	EASEMENT	ST.	STREET
EL.	ELEVATION	TAN. TO C.	TANGENT TO CURVE
EX.	EXISTING	T.B.M.	TEMPORARY BENCHMARK
F.L.	FLOW LINE	T.	TOWNSHIP
FR. RES.	FRAME RESIDENCE	TS & Y	TAPPING SLEEVE AND VALVE
G.P.M.	GALLONS PER MINUTE	V.G.	VALLEY GUTTER
G.M.	GAS METER	VERT.	VERTICAL
G.V.	GAS VALVE	V.P.C.	VERTICAL POINT OF CURVE
HDWL.	HEADWALL	V.P.I.	VERTICAL POINT OF INTERSECTION
H.W.	HIGH WATER	V.P.T.	VERTICAL POINT OF TANGENT
HORIZ.	HORIZONTAL	V.C.P.	VITRIFIED CLAY PIPE
INV.	INVERT	W.M.	WATER METER
JCT.	JUNCTION	W.V.	WATER VALVE
JCT. BOX	JUNCTION BOX	W.W.	WING WALL
		YD.	YARD

NATURAL SYMBOLS

	TREES
	HEDGES OR SHRUBBERY
	SHRUB
	FLOWER BED, GARDEN, OR ROCK GARDEN (NOTED)
	LAKE OR POND
	SWAMP, MARSH, ETC.
	FLOWING CREEK (ARROW INDICATES DIRECTION OF FLOW)
	DRY DITCH OR CREEK
	EARTH
	ROCK

UTILITY SYMBOLS

	Proposed Sanitary Sewer Manhole
	Existing Sanitary Sewer Manhole
	Existing Sanitary Sewer Gravity Line (Tick Upstream Side)
	Existing Sanitary Sewer Force Line(Arrow Indicates Flow)
	Utility Manhole (Note Type in Circle—P, T, Etc.)
	Power Junction Box
	Power Pole
	Light Pole (Note Type)
	High Voltage Transmission Pole or Tower
	Underground Power Conduit
	Overhead Power Lines
	Telephone Junction Box
	Telephone Pole
	Underground Telephone Conduit
	Overhead Telephone Lines
	Combination Pole
	Overhead Telephone and Power Lines
	Guy Pole
	Utility Pole Anchor
	Gas Line Marker (Noted)
	Gas Meter
	Gas Line (Note Diameter of Pipe)
	Valve (Note Gas or Water)
	Water Line (Note Diameter of Pipe)
	Water Meter
	Fire Hydrant
	Air Release Valve
	House Service Connections
	Storm Sewer

STRUCTURES

	Unpaved Road or Driveway
	Paved Road or Driveway
	Paved Road with Gutter
	Proposed Bridge, Box Culvert, or Storm Drain with Headwall (Size and Type Structure Noted)
	Existing Bridge, Box Culvert, or Storm Drain (Size and Type Structure Noted)
	Walk Bridge
	Railroad Track Single
	Railroad Track Double
	Outdoor Advertising Sign
	Masonry Wall (Note Type)
	Mailbox (Noted M.B.)
	Clothes Lines and Poles (Noted)
	Well
	Levee or Earth Dam
	Wood Fence
	Hog Wire or Barbed Wire Fence
	Chain Link Fence
	Drop Inlet (Noted)
	Electric Light
	Gas Light
	Pipe in Place (Note Size and Type of Pipe)
	Traffic or Street Sign
	Outbuilding (Dimension to Scale)
	Air Conditioner, Heat Pump, Etc.
	Guardrail
	Pavement Replacement

HIGHWAY SYMBOLS

	INTERSTATE HIGHWAY
	UNITED STATES HIGHWAY
	STATE HIGHWAY
	COUNTY HIGHWAY

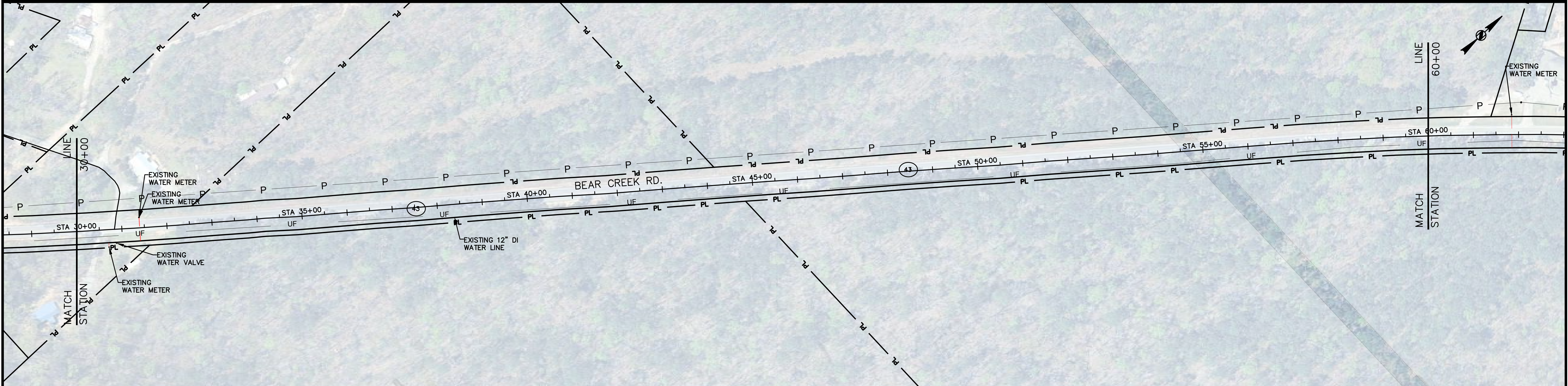
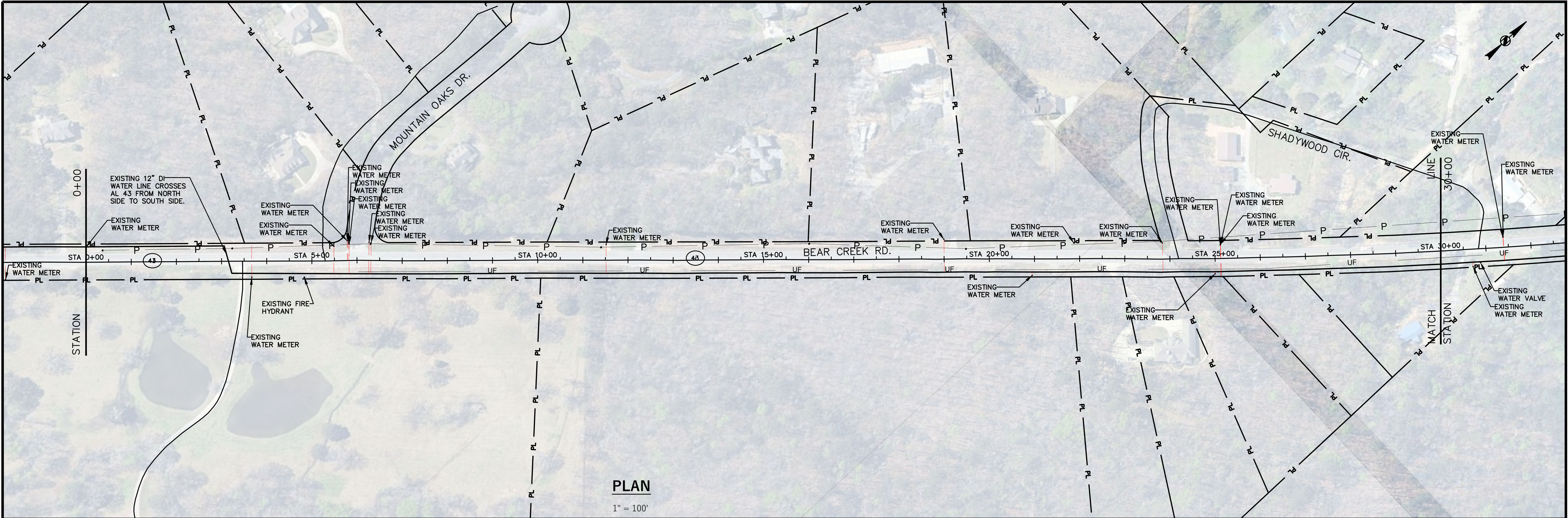
SURVEY SYMBOLS

	Center Line Pipe Location
	Land Tie (Center Line P.O.T. Sta., Angle to Center Line from Land Line, and Distance to Corner Noted)
	Right of Way (Type Noted—Acq'd, Req'd, Etc.)
	Permanent Easement
	Property Iron (Size and Type Noted)
	Property Line
	Section Corner or ? Section Corner Iron (Size, Type, and Description Noted)
	? or 1/4—1/4 Section Line
	Section Line
	Right of Way Monuments (Noted for Existing)
	Construction Limits (Temporary Easement)
	Horizontal Curve (P.C., P.I., P.T. Stations, Length, Tangent, Radius, Central Angle, and Degree of Curve Noted)
	Vertical Curve (V.P.C., V.P.I., V.P.T. Stations, Elevation of V.P.I., Length, and % Grade on Tangents)
	City and Town Limits (Noted)
	Original Lot Lines
	Land Hooks
	Denotes Tract No. For R.O.W. Acquisition Purposes Only

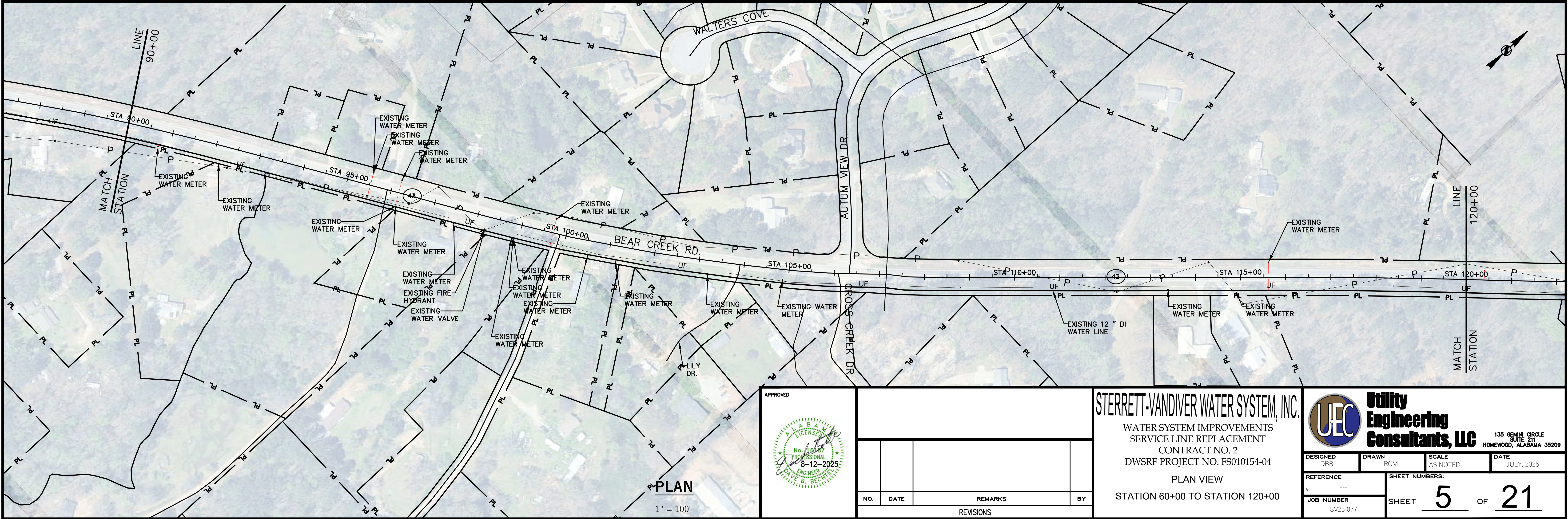
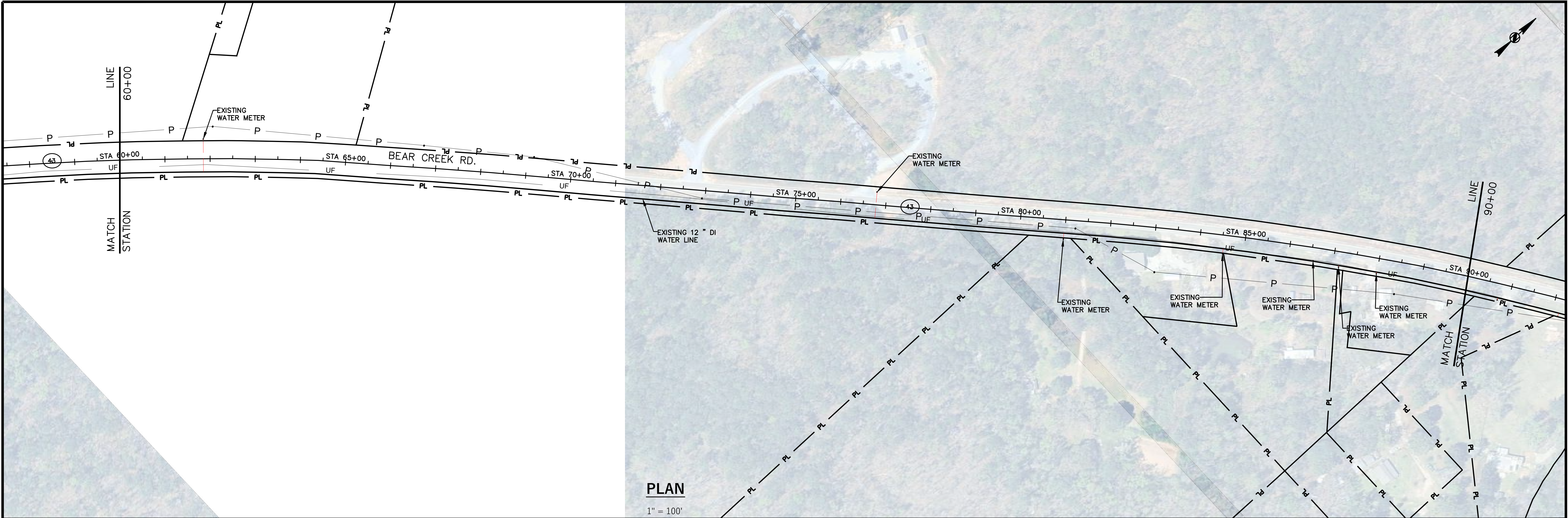
CONTRACTOR NOTES:

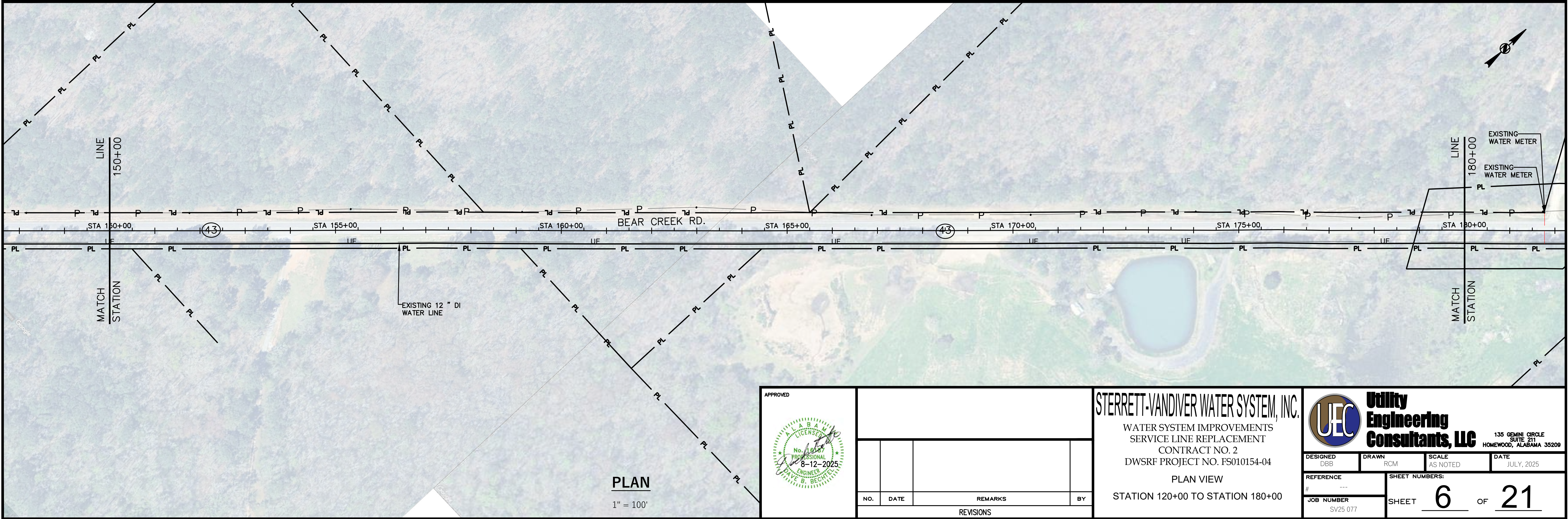
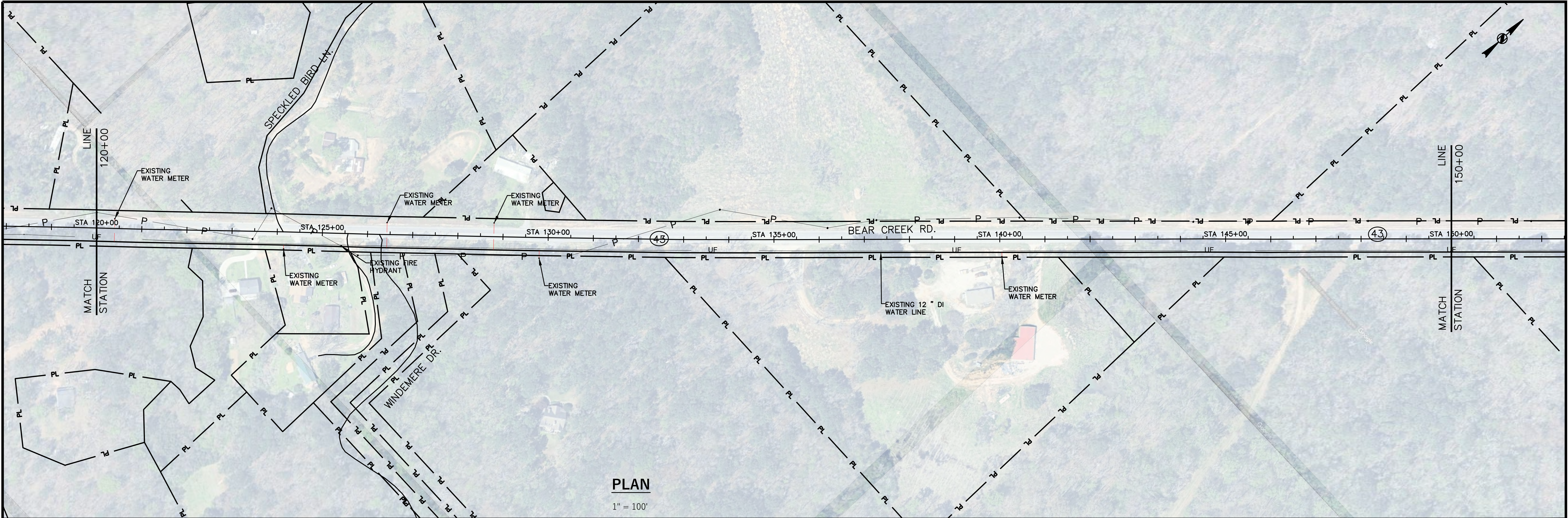
- AREA TO BE STABILIZED WITH CLASS II RIP-RAP INSTALLED ON FILTER BLANKET. FILTER BLANKET MATERIAL SHALL CONSIST OF A BLANKET OF GEOTEXTILE FABRIC. BLANKET TO BE PLACED UNDER THE RIP-RAP MATERIAL.
- TYPE "A" SILT FENCES TO BE PLACED ALONG LENGTH OF DISTURBED AREA. SEE SPECS FOR EROSION CONTROL REQUIREMENTS AROUND FINISHED STORM PIPE INLETS AND CULVERTS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION, INSTALLATION, MAINTENANCE AND REMOVAL OF EROSION AND SEDIMENTATION CONTROLS DURING AND AFTER CONSTRUCTION FOR THE PROTECTION OF ADJACENT PROPERTIES, ROADWAYS, AND WATERWAYS. CONTRACTOR SHALL REMOVE ALL SUCH EROSION CONTROL DEVICES AFTER GRASS IS ESTABLISHED AND EROSION HAS CEASED.
- CONTRACTOR SHALL MAINTAIN A ROUTE FOR INGRESS AND EGRESS OF TRAFFIC AT ALL TIMES DURING CONSTRUCTION.
- THE UNDERGROUND UTILITIES ARE SHOWN FROM AVAILABLE RECORDS. THE ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE ENGINEER FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE ENGINEER HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. THE TYPE, SIZE, LOCATION AND DEPTH OF ALL PUBLIC UTILITIES ARE SHOWN FROM AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO VERIFY LOCATIONS PRIOR TO CONSTRUCTION. LOCATIONS MAY BE ASCERTAINED BY CONTACTING ALABAMA LINE LOCATION CENTER AT 1-800-292-8525.
- TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH PART 6 THE U.S. DOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) (LATEST EDITION).
- CONTOUR ELEVATIONS PREPARED FROM THE BEST AVAILABLE INFORMATION, VISUAL INSPECTION, AERIAL SURVEY, AND INFORMATION CONTAINED IN U.S.G.S. QUADRANGLE MAPS. THE CONTRACTOR MUST SUPPLY HIS OWN HORIZONTAL AND VERTICAL CONTROL TO INSTALL STORM PIPES.

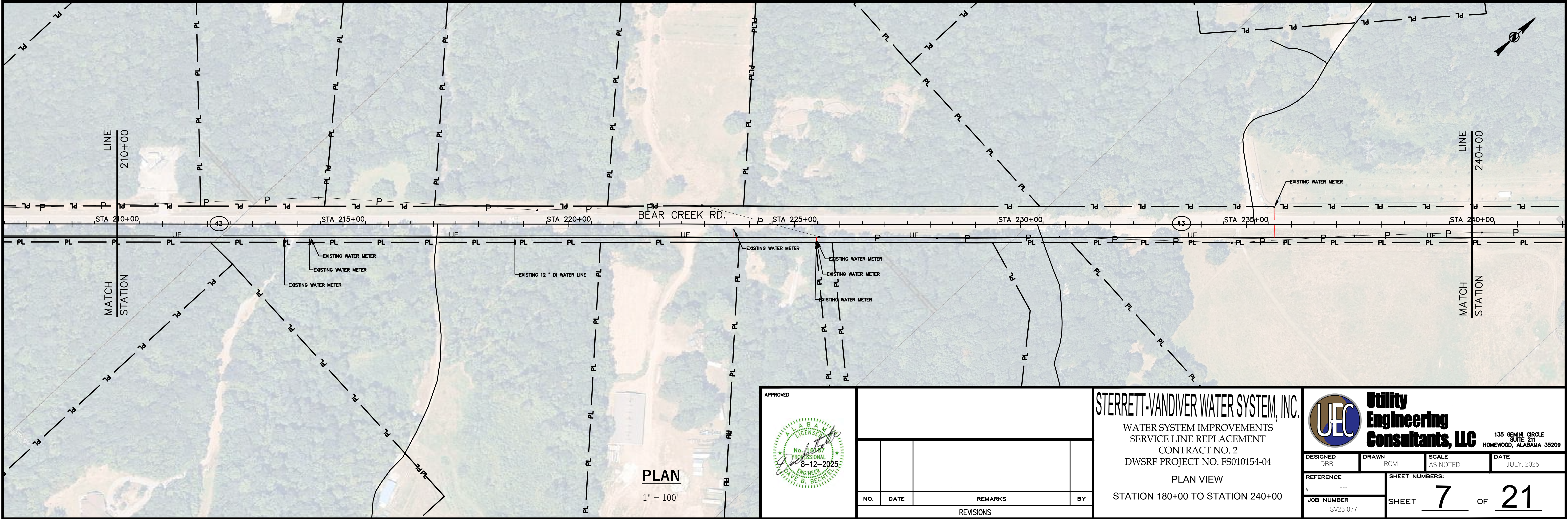
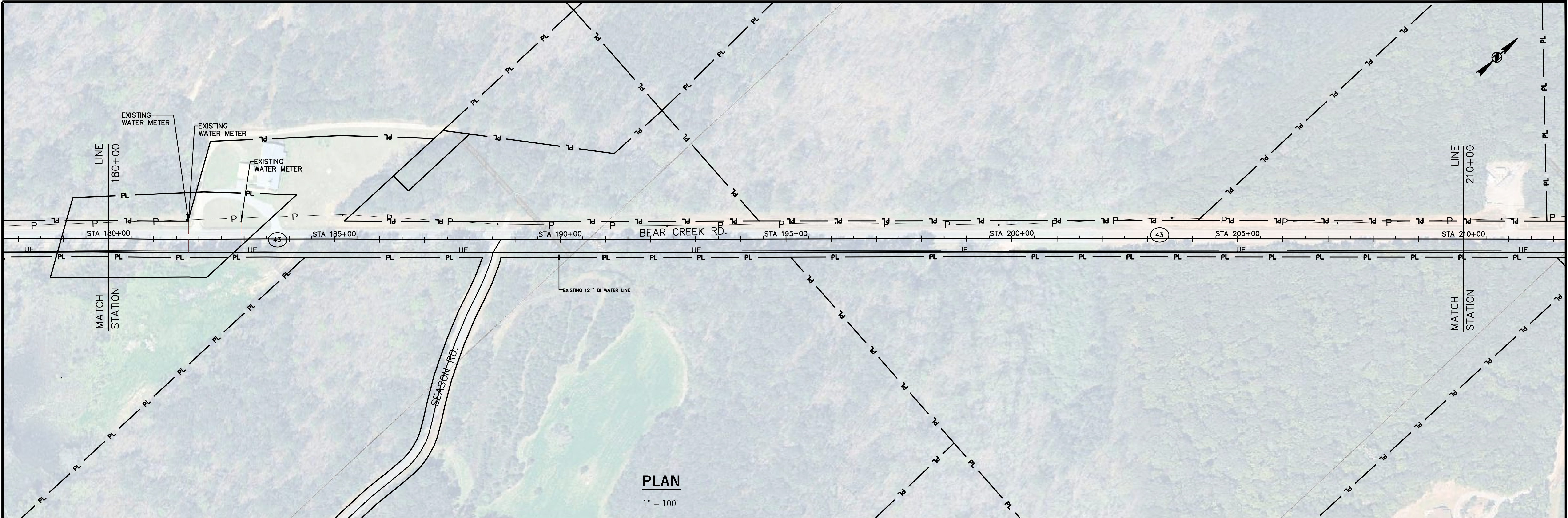
APPROVED				STERRETT-VANDIVER WATER SYSTEM, INC. WATER SYSTEM IMPROVEMENTS SERVICE LINE REPLACEMENT CONTRACT NO. 2 DWSRF PROJECT NO. FS010154-04	Utility Engineering Consultants, LLC 135 GEMINI CIRCLE SUITE 211 HOMEWOOD, ALABAMA 35209	
	DESIGNED	DRAWN	SCALE			DATE
	DBB	RCM	AS SHOWN			JULY, 2025
REFERENCE	SHEET NUMBERS:			SYMBOLS		
#	---					
JOB NUMBER	SV25 077					
NO.			DATE	REMARKS	BY	
REVISIONS						
SHEET			3	OF	21	



APPROVED				STERRETT-VANDIVER WATER SYSTEM, INC. WATER SYSTEM IMPROVEMENTS SERVICE LINE REPLACEMENT CONTRACT NO. 2 DWSRF PROJECT NO. FS010154-04 PLAN VIEW STATION 0+00 TO STATION 60+00				135 GEMINI CIRCLE SUITE 211 HOMESWOOD, ALABAMA 35209	
						DESIGNED DBB	DRAWN RCM	SCALE AS NOTED	DATE JULY, 2025
NO.		DATE	REMARKS	BY	REFERENCE #		SHEET NUMBERS:		
					JOB NUMBER SV25-077		SHEET 4 OF 21		
REVISIONS									







APPROVED

REVISIONS			
NO.	DATE	REMARKS	BY

STERRETT-VANDIVER WATER SYSTEM, INC.

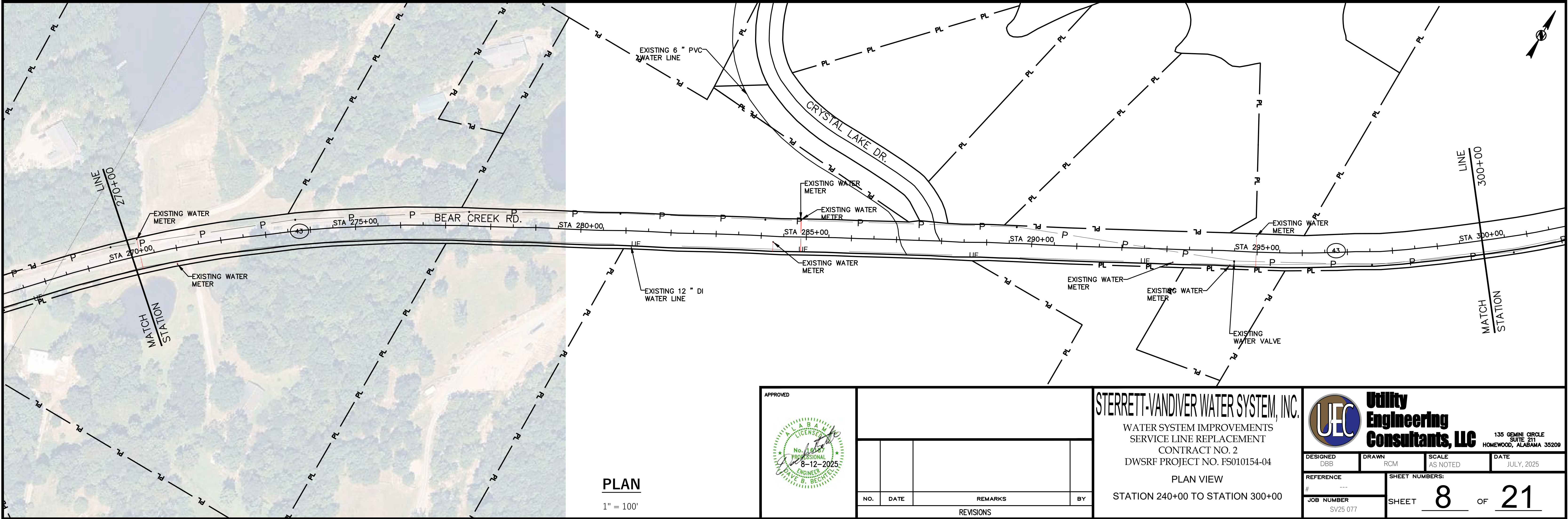
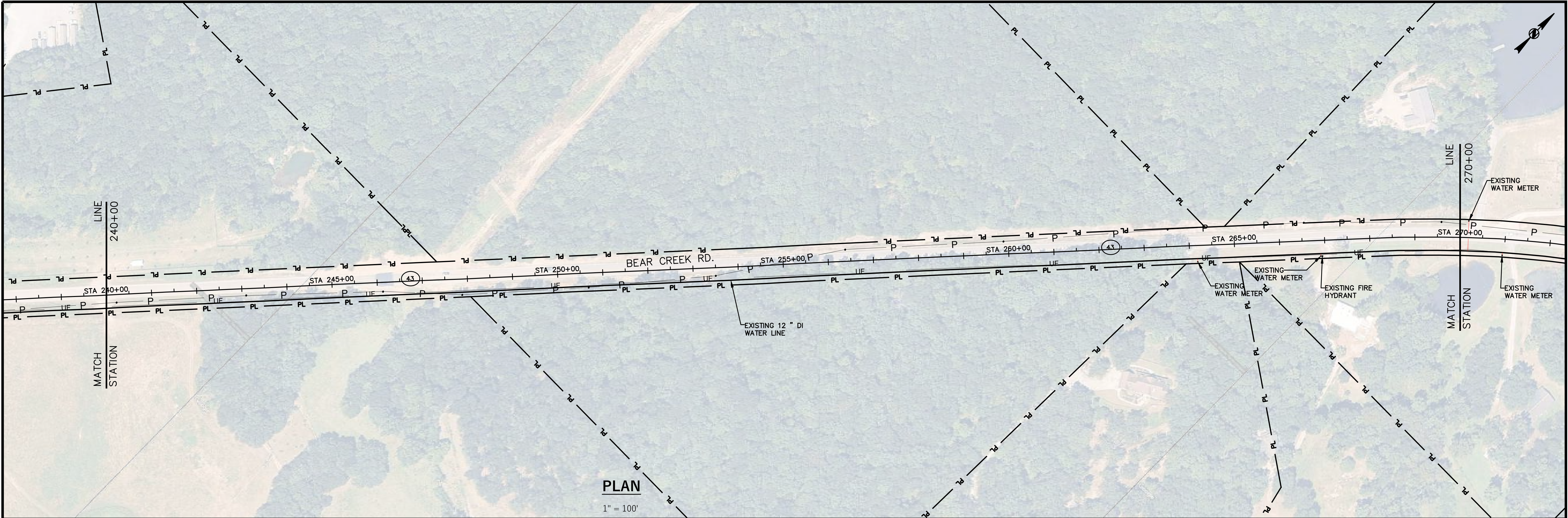
WATER SYSTEM IMPROVEMENTS
SERVICE LINE REPLACEMENT
CONTRACT NO. 2
DWSRF PROJECT NO. FS010154-04

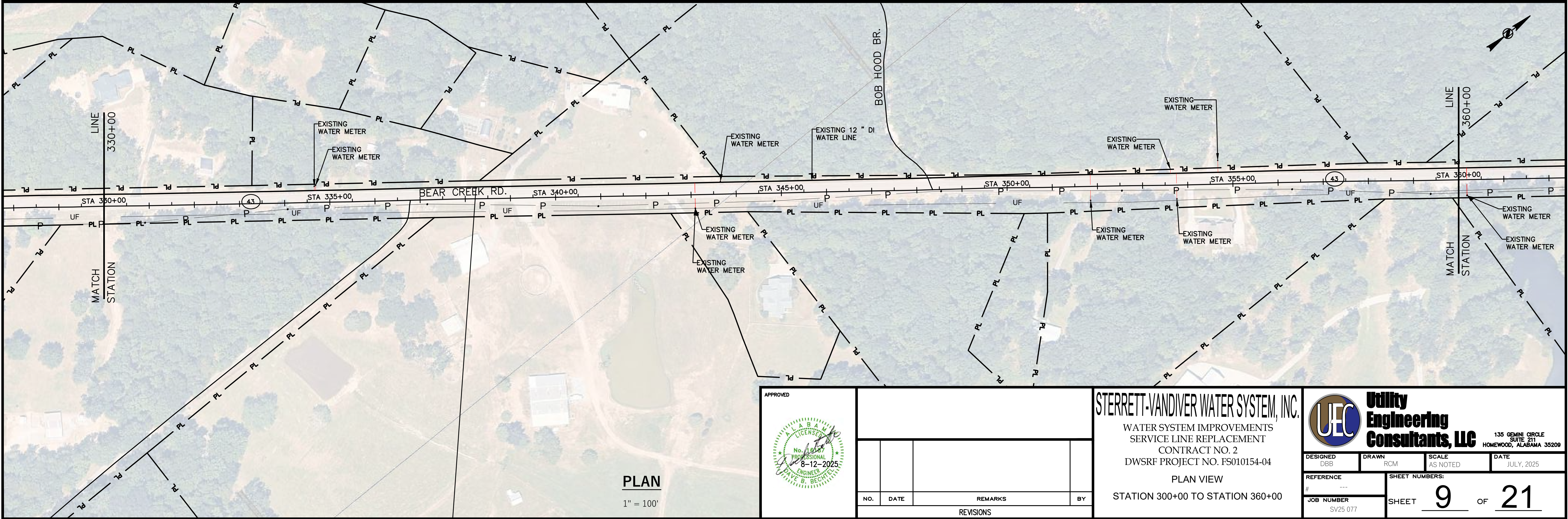
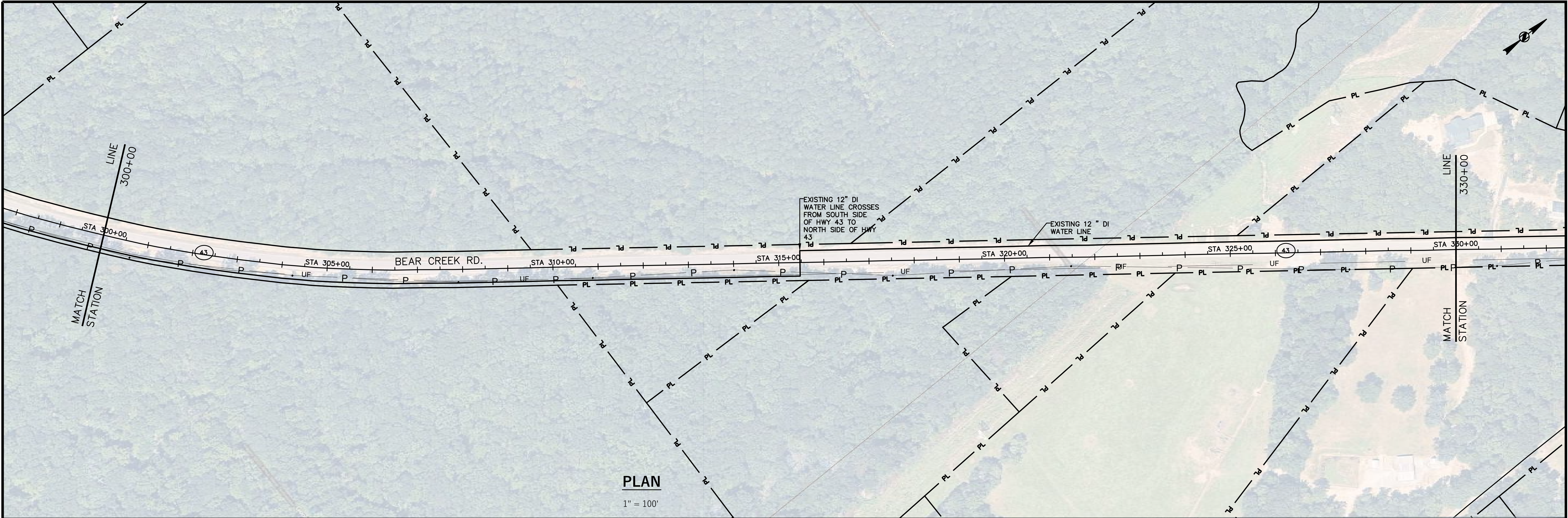
PLAN VIEW

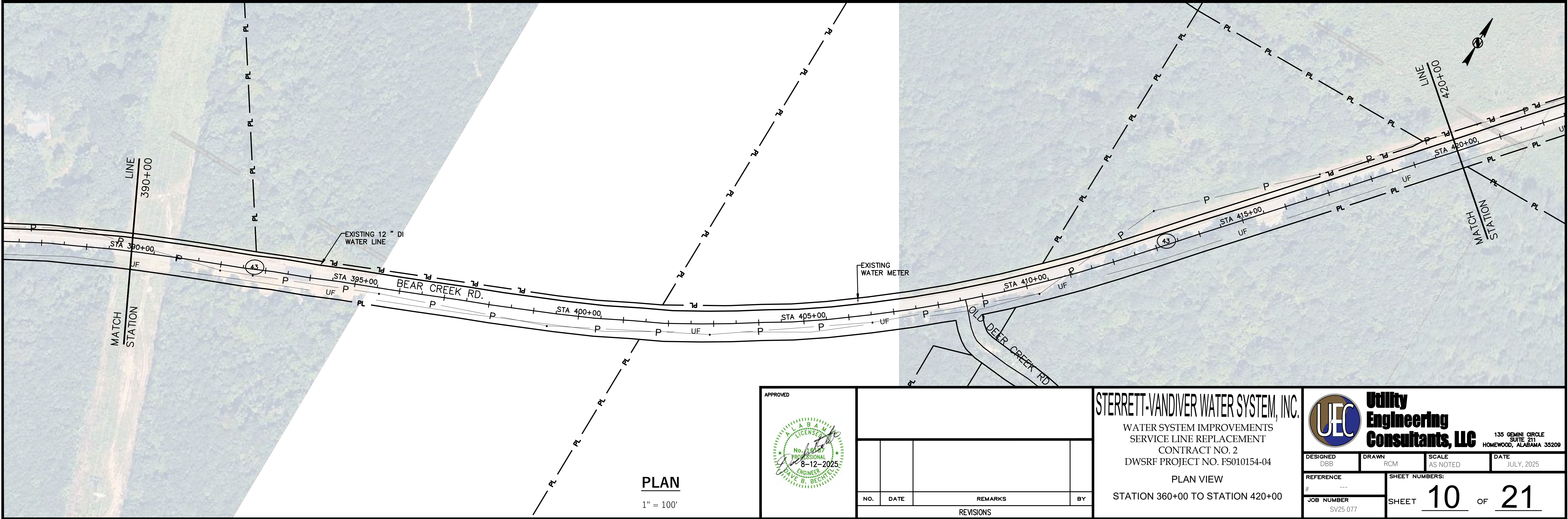
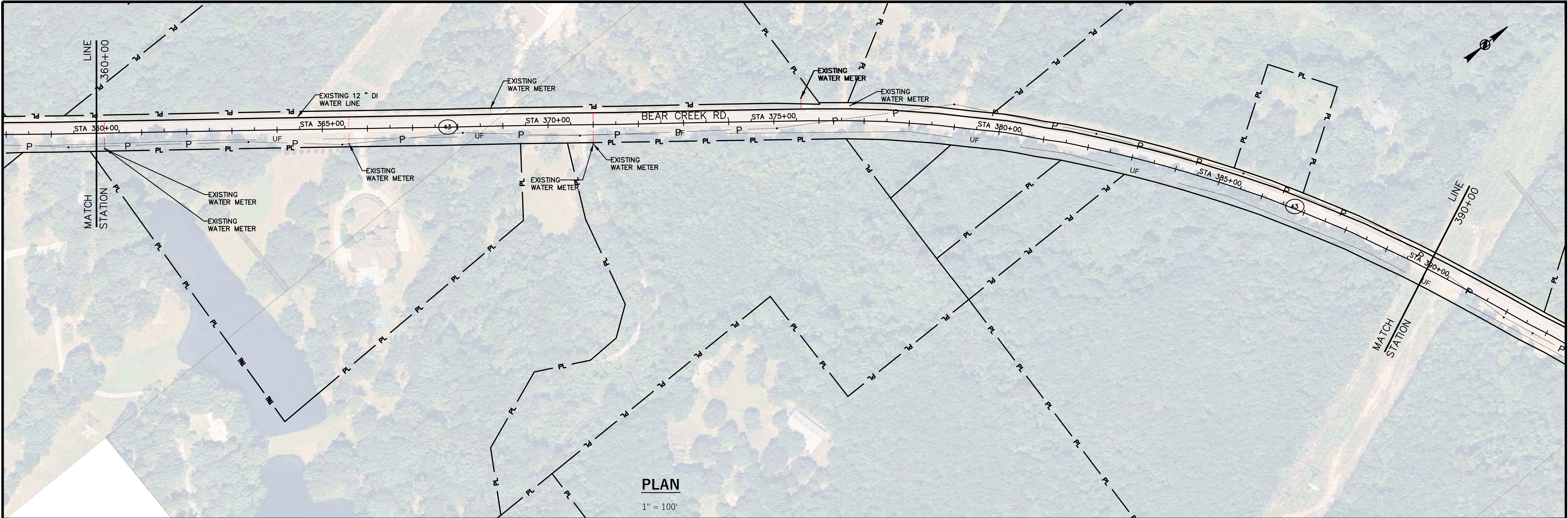
STATION 180+00 TO STATION 240+00

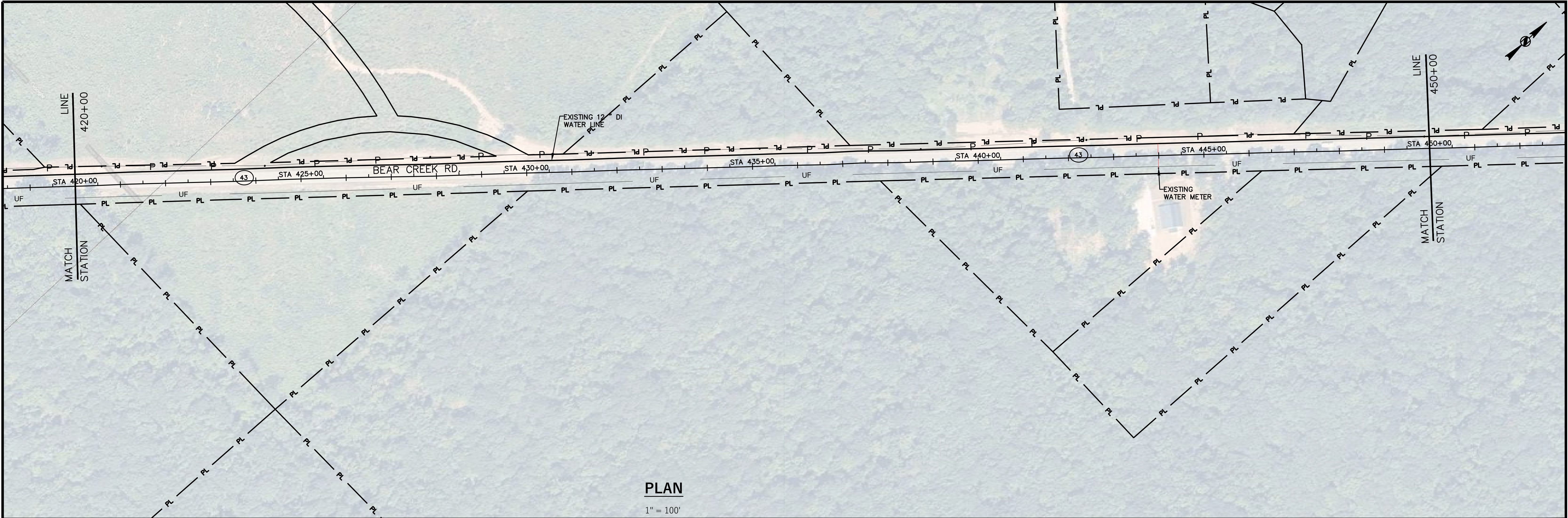
135 GEMINI CIRCLE
SUITE 211
HOMESWOOD, ALABAMA 35209

DESIGNED DBB	DRAWN RCM	SCALE AS NOTED	DATE JULY, 2025
REFERENCE #	SHEET NUMBERS:		
JOB NUMBER SV25-077	SHEET 7 OF 21		



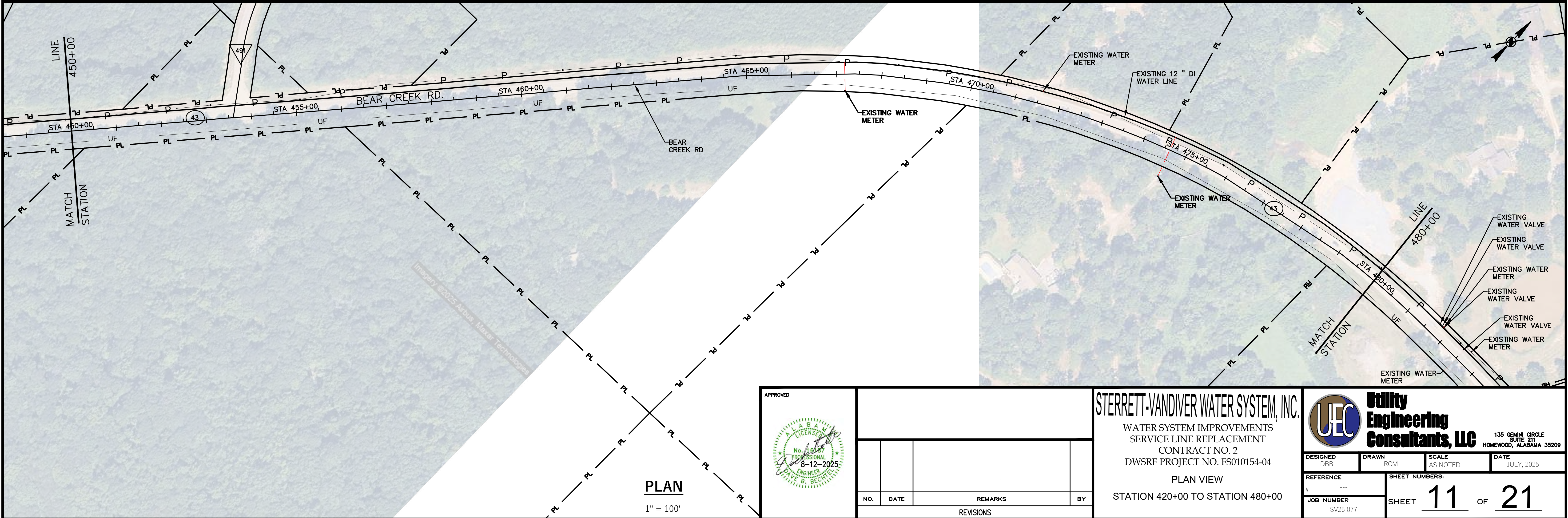






PLAN

1" = 100'



PLAN

1" = 100'

APPROVED

NO.	DATE	REMARKS	BY
REVISIONS			

STERRETT-VANDIVER WATER SYSTEM, INC.

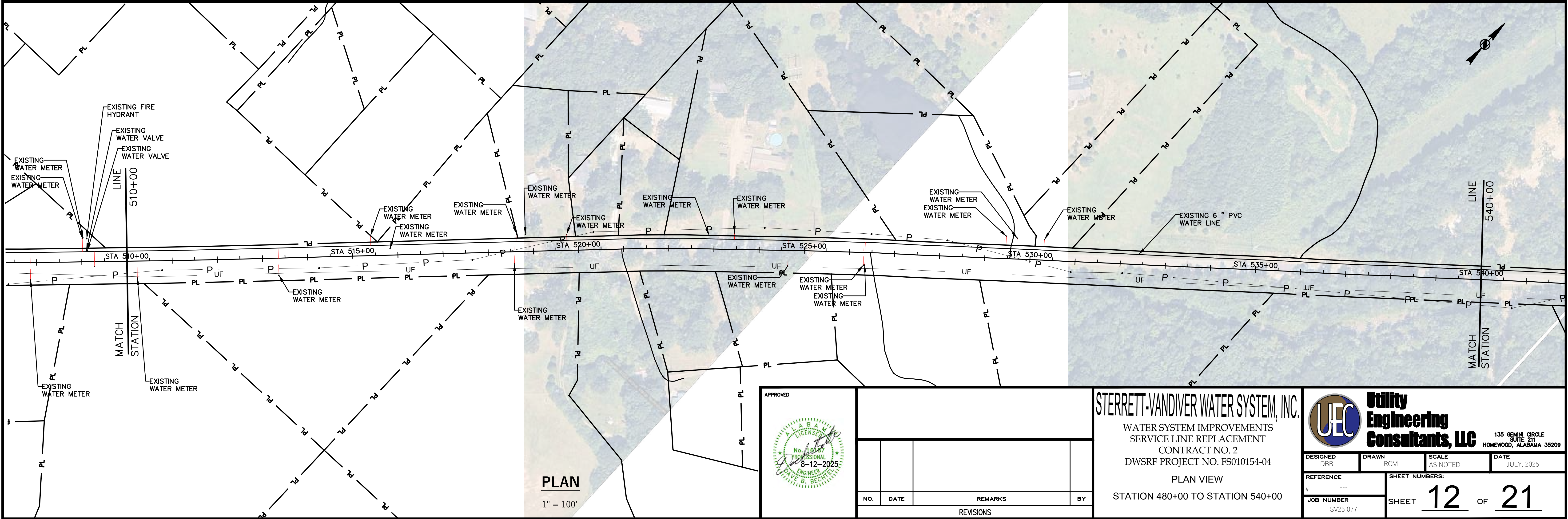
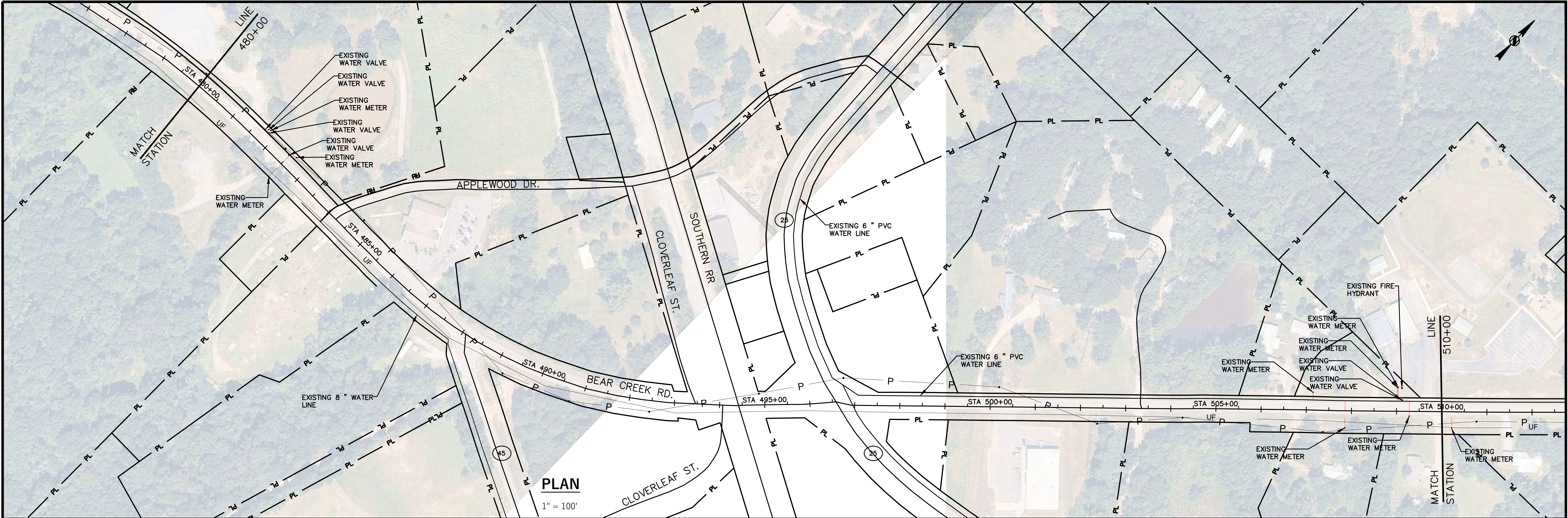
WATER SYSTEM IMPROVEMENTS
SERVICE LINE REPLACEMENT
CONTRACT NO. 2
DWSRF PROJECT NO. FS010154-04

PLAN VIEW
STATION 420+00 TO STATION 480+00

Utility Engineering Consultants, LLC

135 GEMINI CIRCLE
SUITE 211
HOMESWOOD, ALABAMA 35209

DESIGNED DBB	DRAWN RCM	SCALE AS NOTED	DATE JULY, 2025
REFERENCE #	SHEET NUMBERS:		
JOB NUMBER SV25-077	SHEET 11 OF 21		



APPROVED

NO.	DATE	REMARKS	BY
REVISIONS			

STERRETT-VANDIVER WATER SYSTEM, INC.

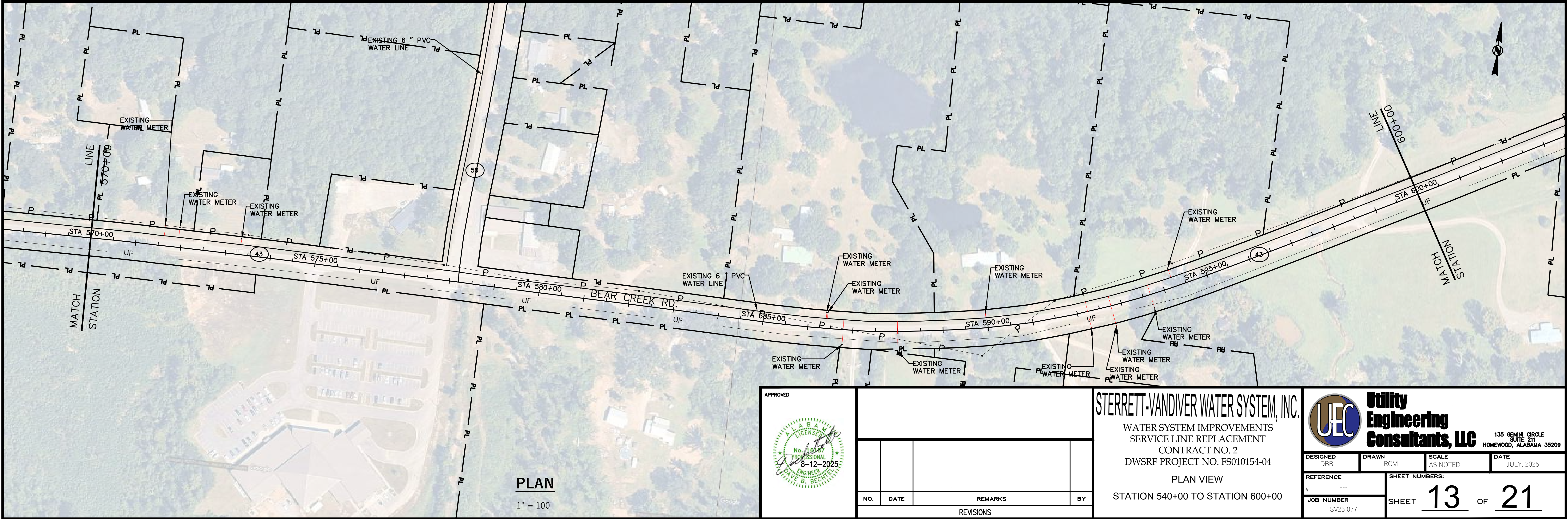
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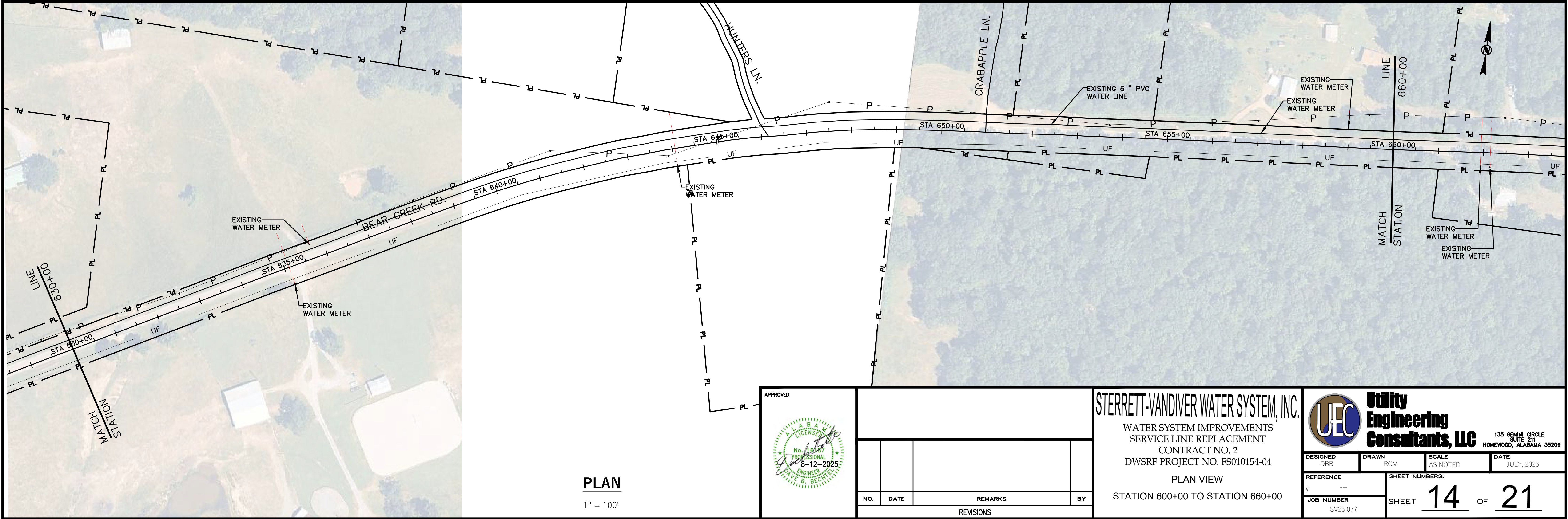
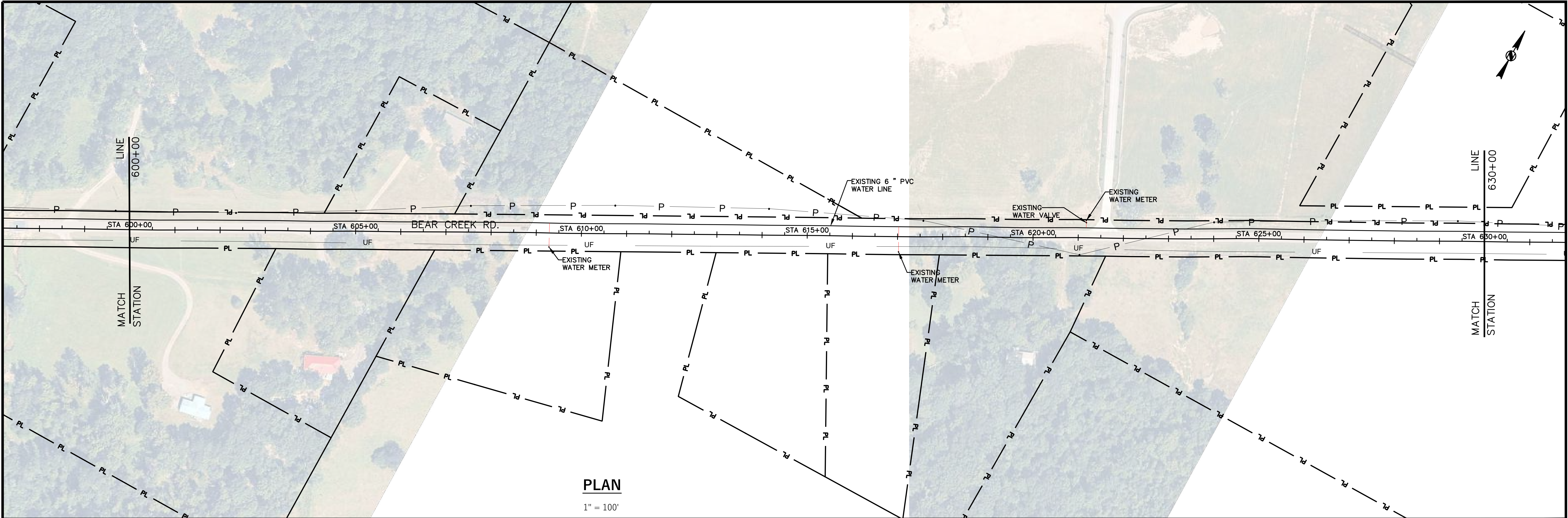
PLAN VIEW
STATION 480+00 TO STATION 540+00

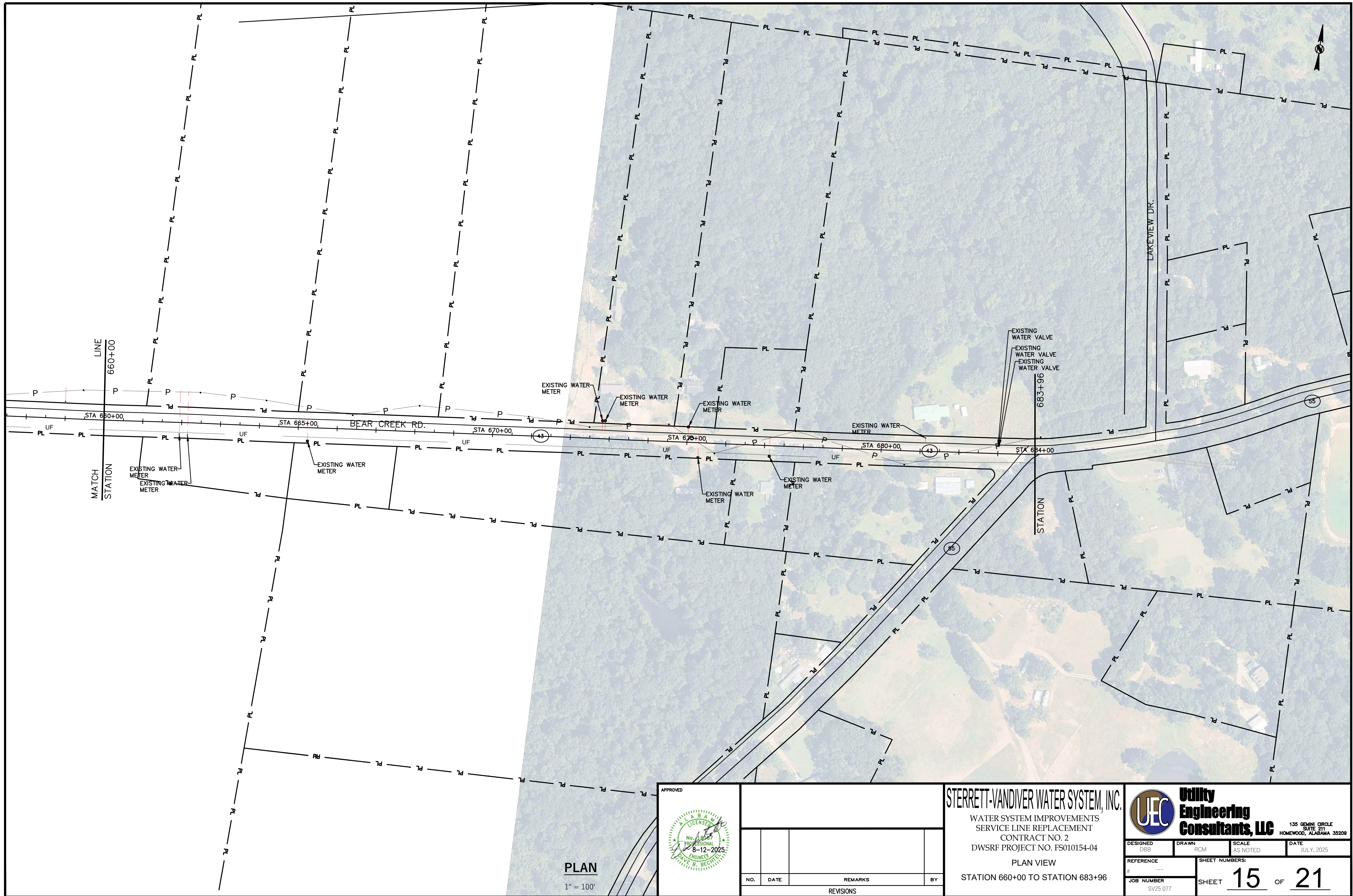
Utility Engineering Consultants, LLC

135 GEMINI CIRCLE
SUITE 211
HOMESWOOD, ALABAMA 35209

DESIGNED DBB	DRAWN RCM	SCALE AS NOTED	DATE JULY, 2025
REFERENCE #	SHEET NUMBERS:		
JOB NUMBER SV25-077	SHEET 12 OF 21		



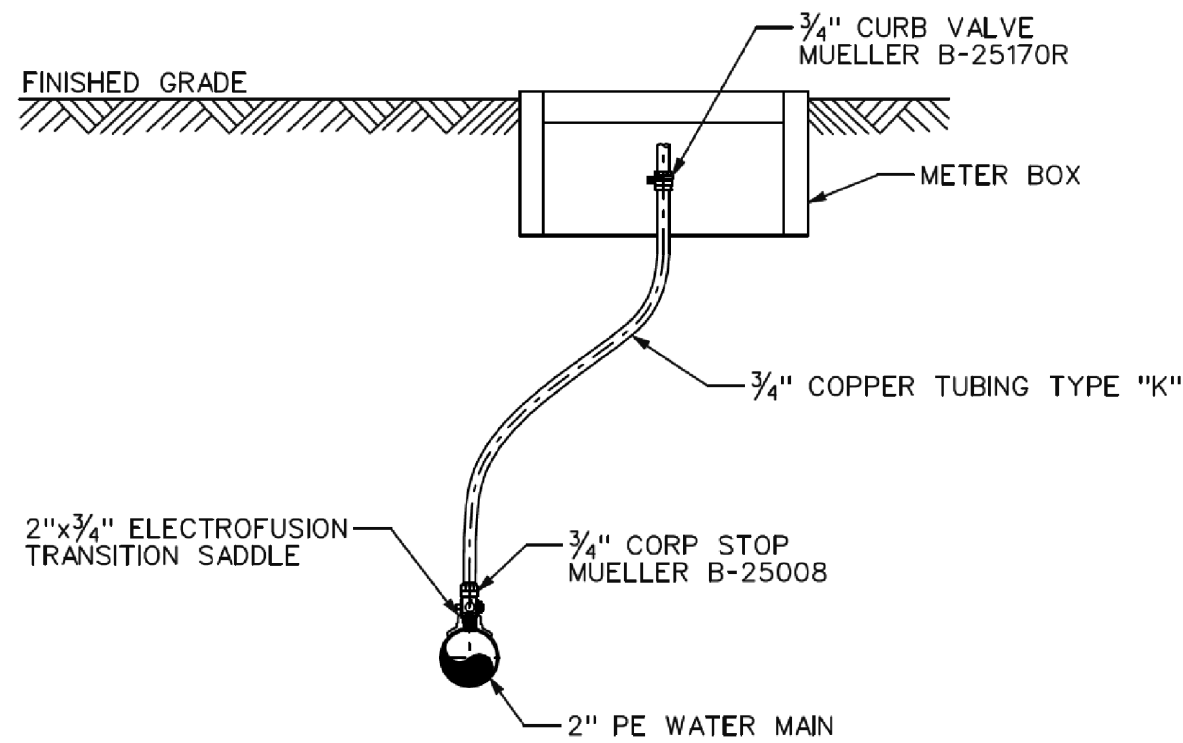




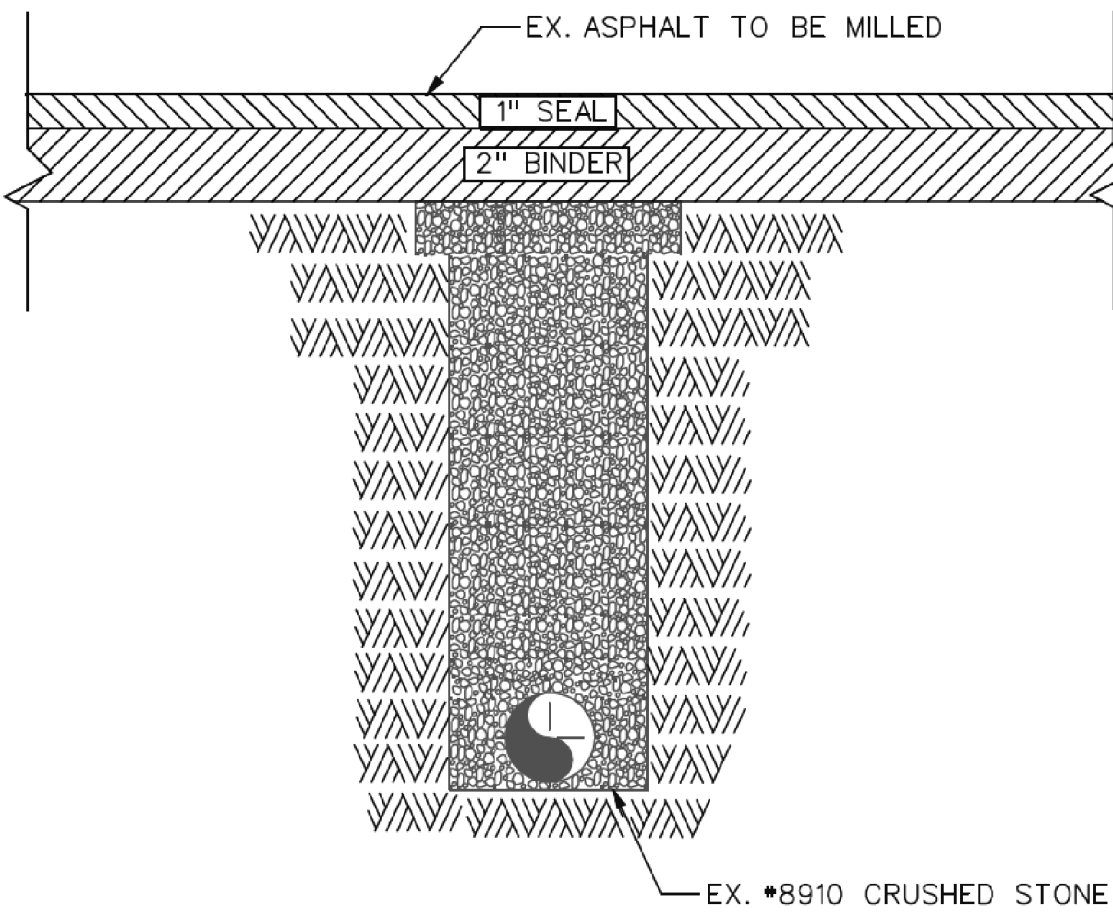
FITTING SIZE	TEE, WYE, PLUG OR CAP		90° BEND PLUGGED CROSS		TEE PLUGGED ON RUN				BEND ANGLE									
					BRANCH		RUN		60°		45°		30°		22½°		1½°	
	A	V	A	V	A	V	A	V	A	V	A	V	A	V	A	V	A	V
4	2	1/4	2	1/4	2	1/4	2	1/4	1.75	1/4	1.5	1/4	1.25	1/4	1	1/4	1	1/4
6	3.5	1/4	3.5	1/4	3.5	1/4	3.5	1/4	2.25	1/4	2	1/4	1.75	1/4	1.5	1/4	1	1/4
8	5	1/2	6	1/2	5	1/2	6	1/2	4	1/2	3.5	1/4	2.5	1/4	2	1/4	1.5	1/4
10	7.5	1/2	9.5	3/4	7.5	1/2	9.5	3/4	7.25	3/4	5.5	1/2	3.75	1/2	3	1/4	2	1/4
12	10	3/4	15	3/4	10	3/4	15	3/4	9.75	3/4	7.5	1/2	5.25	1/2	4	1/2	3	1/4
14	15	3/4	18	1	15	3/4	18	1	12.5	1	10	3/4	7.5	3/4	6	1/2	4	1/2
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18	25	1	30	1.1/2	25	1	30	1.5	26.5	1.1/4	20	1	13.5	1	10	3/4	7.5	1/2
20	30	1.1/2	36	2	30	1.5	36	2	31.5	1.1/2	25	1	18.5	1	15	3/4	10	3/4
24	45	2	54	3	45	2	54	3	36.5	2	30	1.1/2	23.5	1.1/4	20	1	15	3/4
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48	80	6	96	7	80	6	96	7	78	6	65	5	52	4	45	3	40	2
54	90	7	108	8	90	7	108	8	85	6.1/2	75	5	65	4.5	60	4	50	3

A = MINIMUM BEARING AREA OF THRUST BLOCKS IN SQ. FT.
V = MINIMUM CONCRETE VOLUME OF THRUST BLOCKS IN CUBIC YDS.

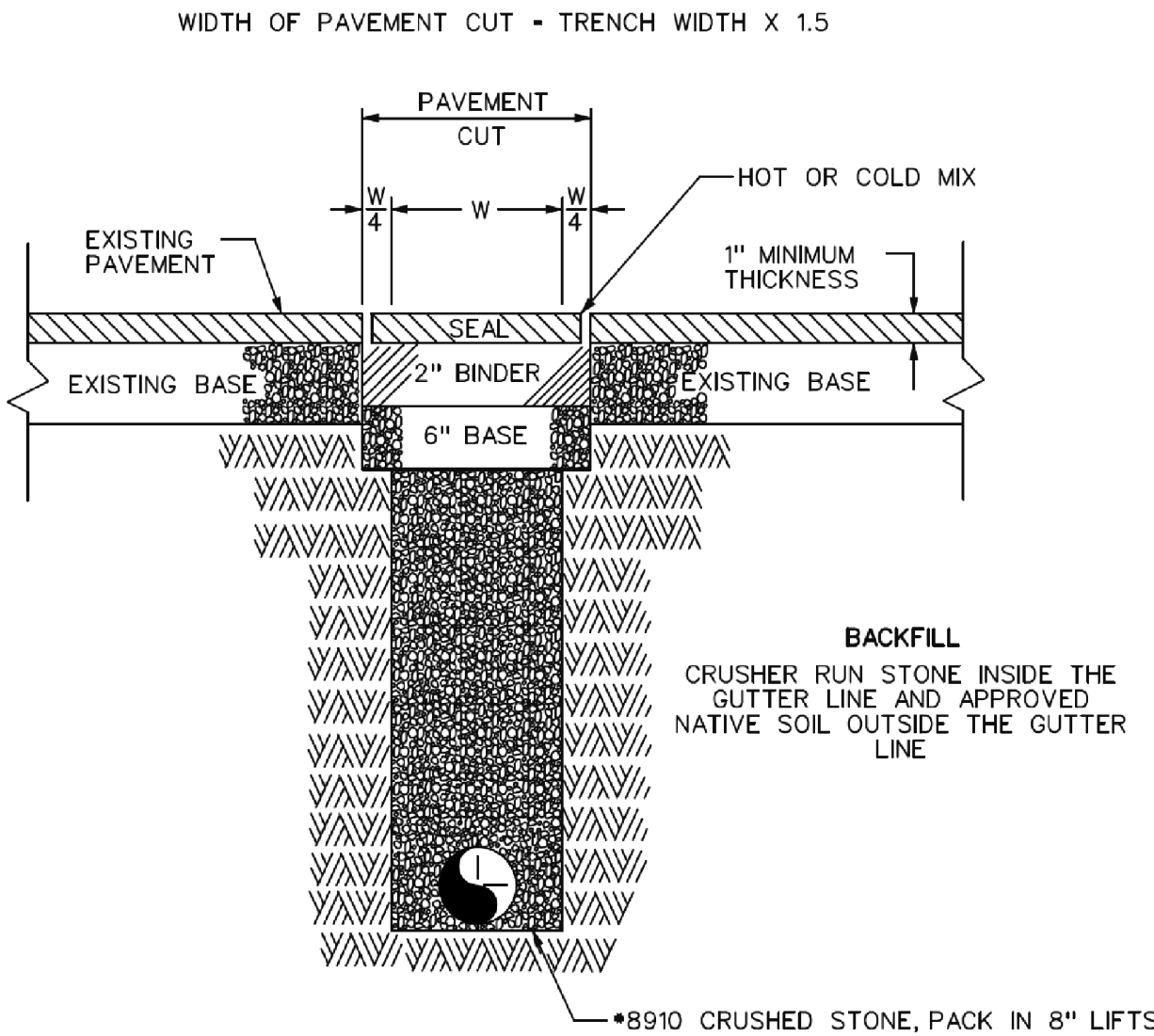
HORIZONTAL BENDS LEGEND
NOT TO SCALE



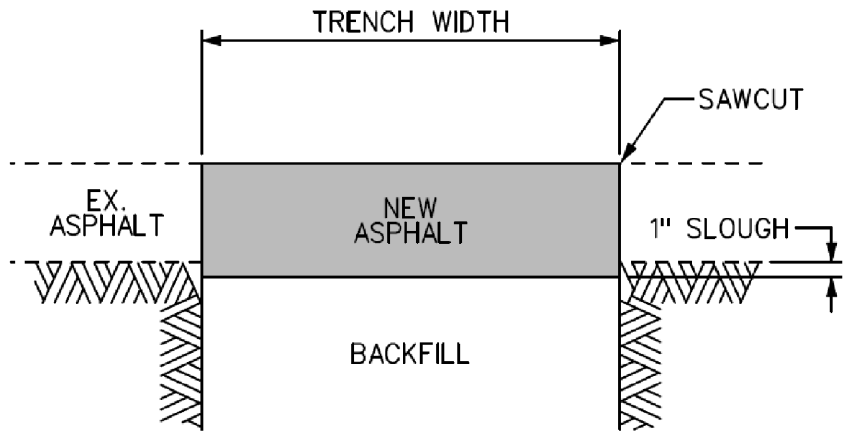
3/4" MANUAL AIR RELIEF VALVE
ASSEMBLY DETAIL (PE WATER MAIN)
NOT TO SCALE



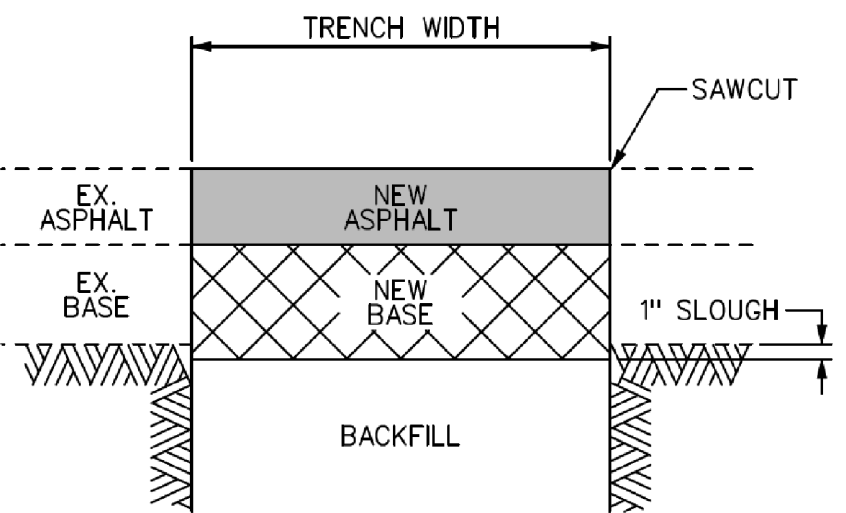
PAVEMENT REPLACEMENT DETAIL
NOT TO SCALE



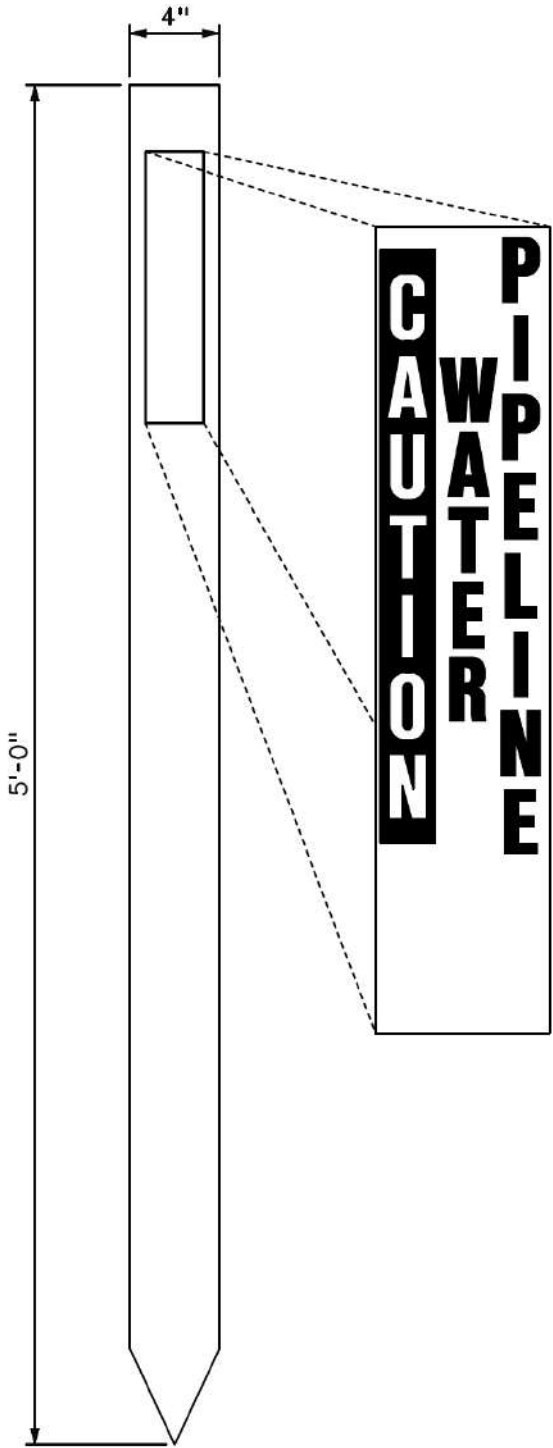
TEMPORARY STREETCUT AND BACKFILLING DETAIL
NOT TO SCALE



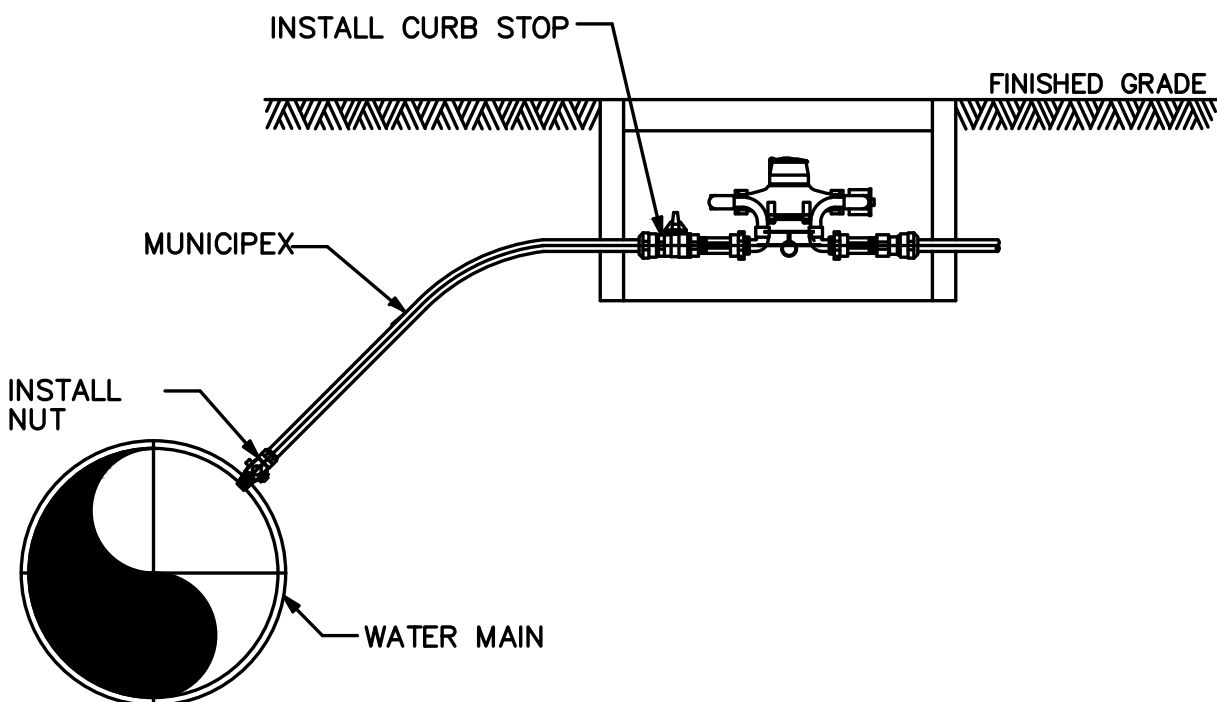
ASPHALT REPLACEMENT WITHOUT BASE DETAIL
NOT TO SCALE



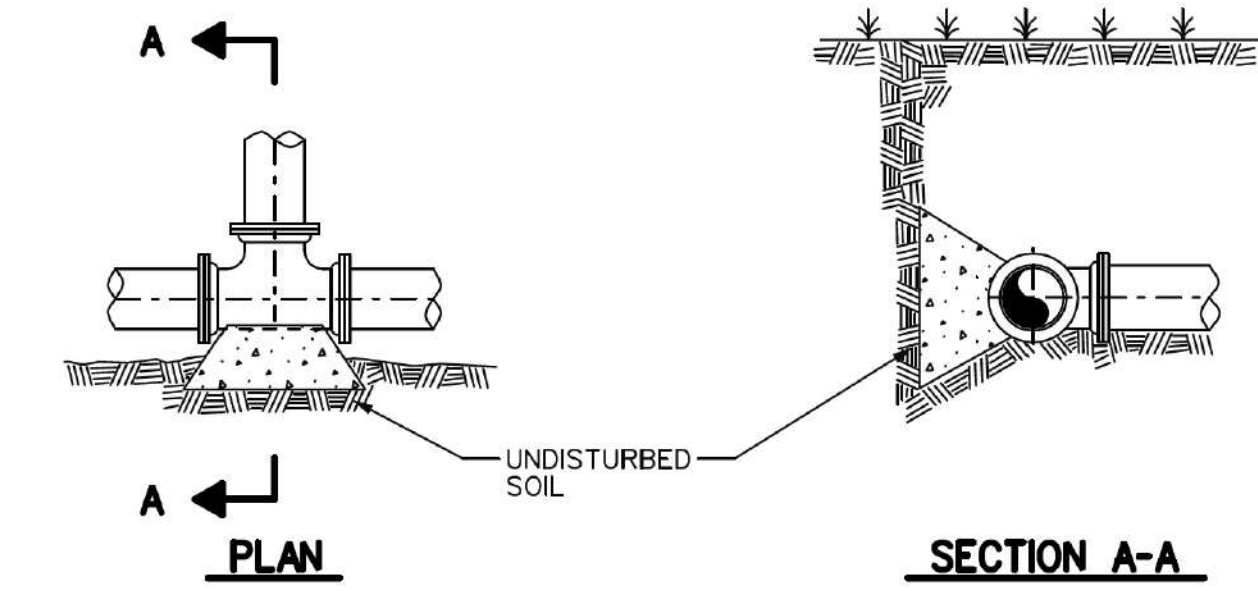
ASPHALT REPLACEMENT WITH BASE DETAIL
NOT TO SCALE



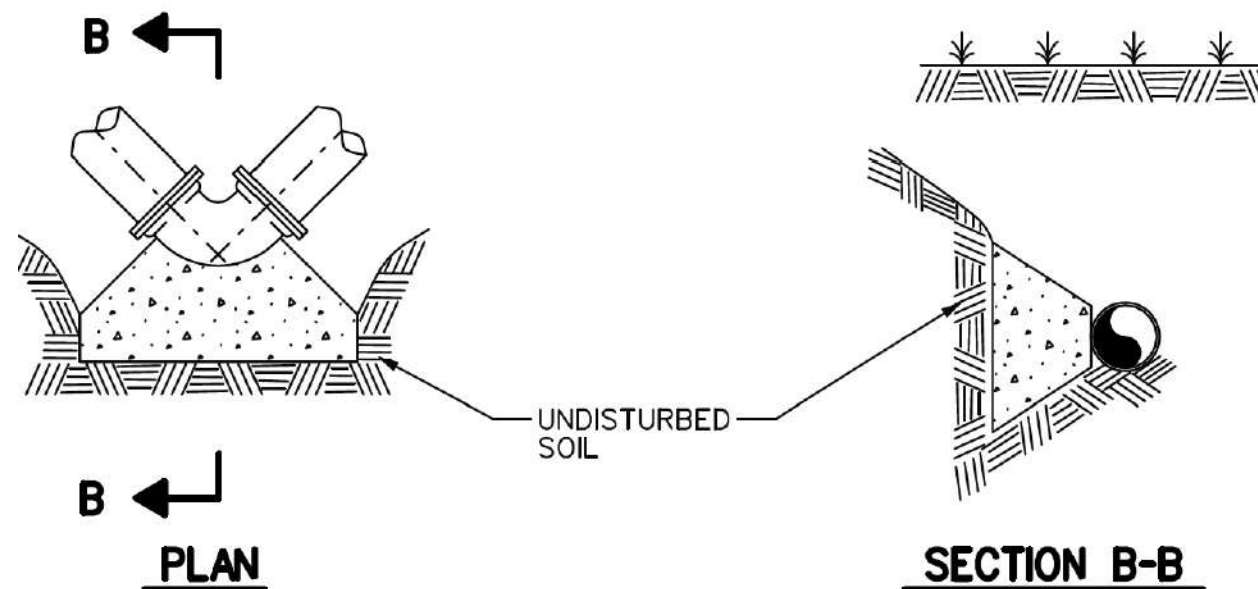
FIBERGLASS WATER MARKER DETAIL
NOT TO SCALE



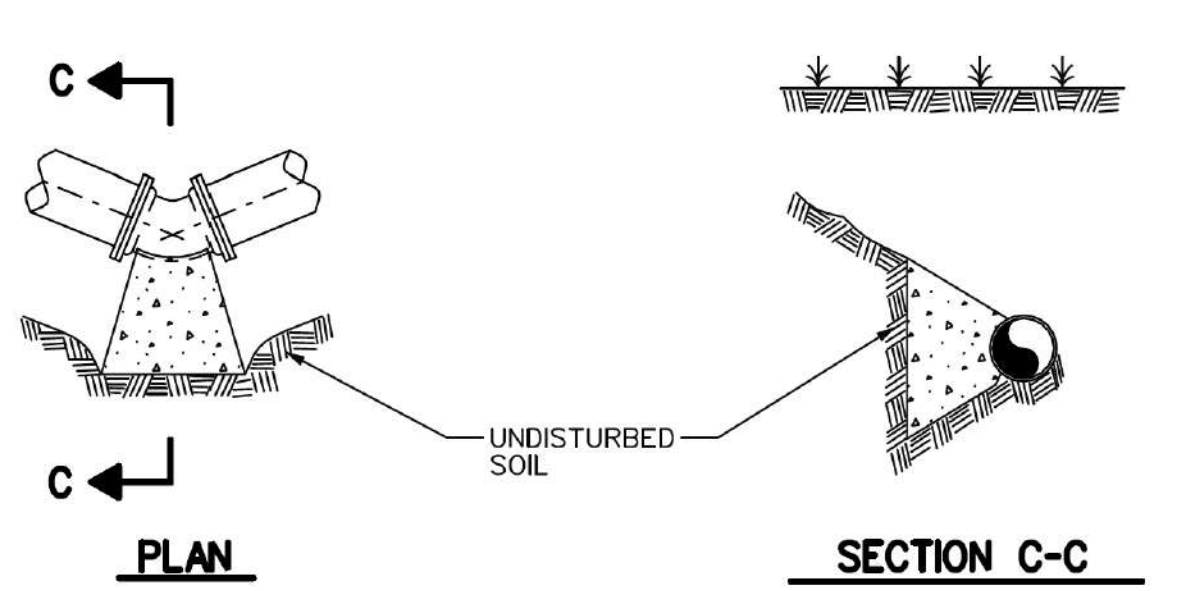
SERVICE LINE BID ITEM
NOT TO SCALE



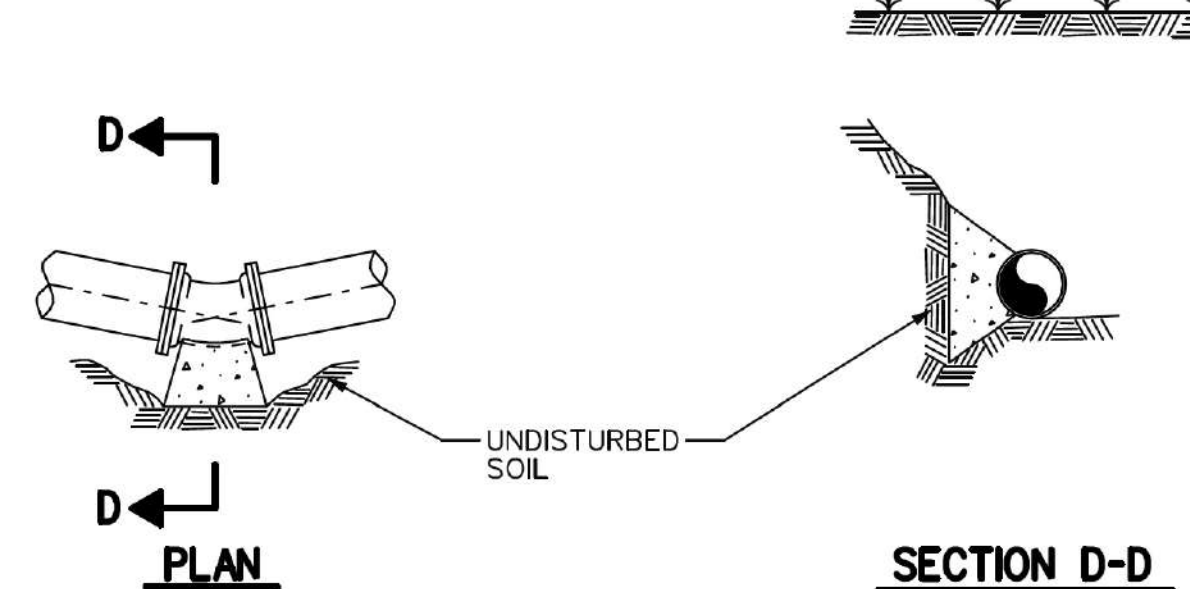
TEES
NOT TO SCALE



90° BENDS
NOT TO SCALE

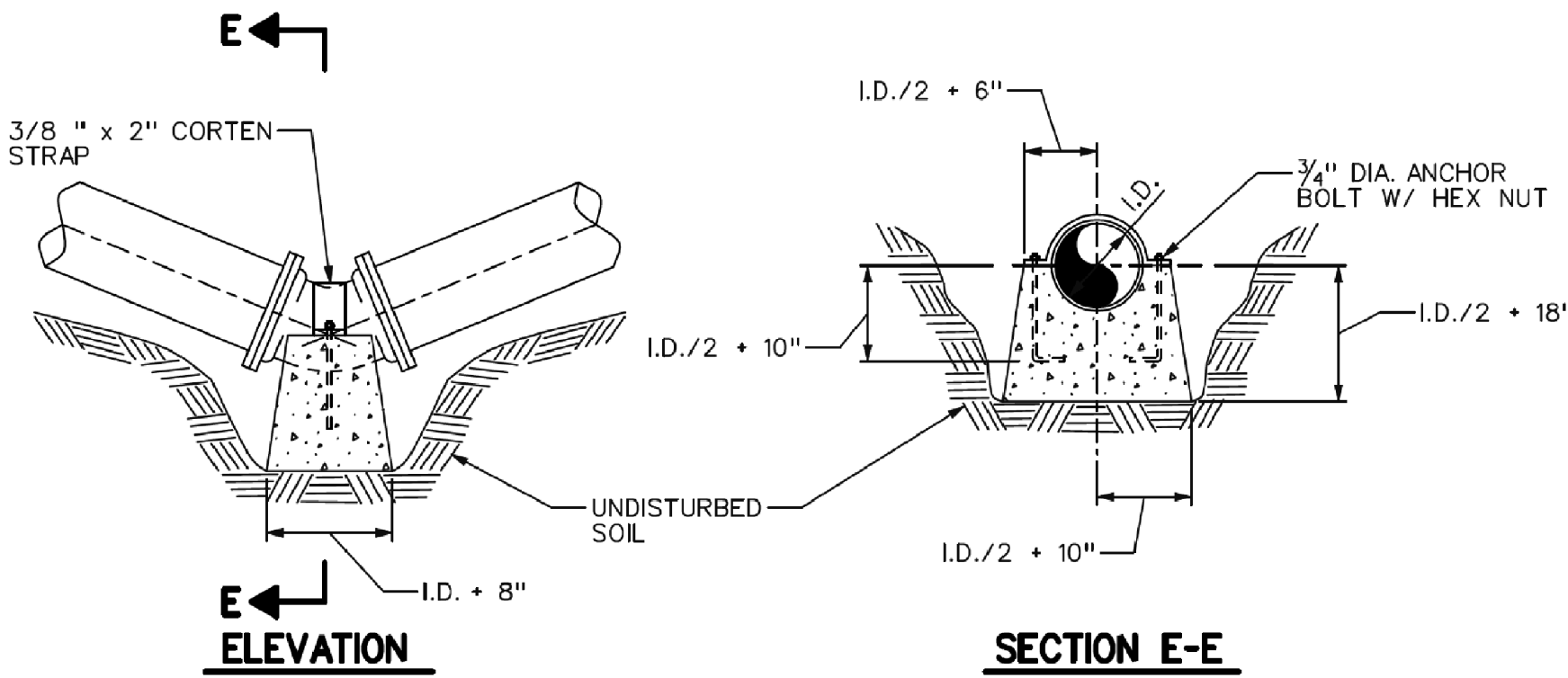


45° BENDS
NOT TO SCALE

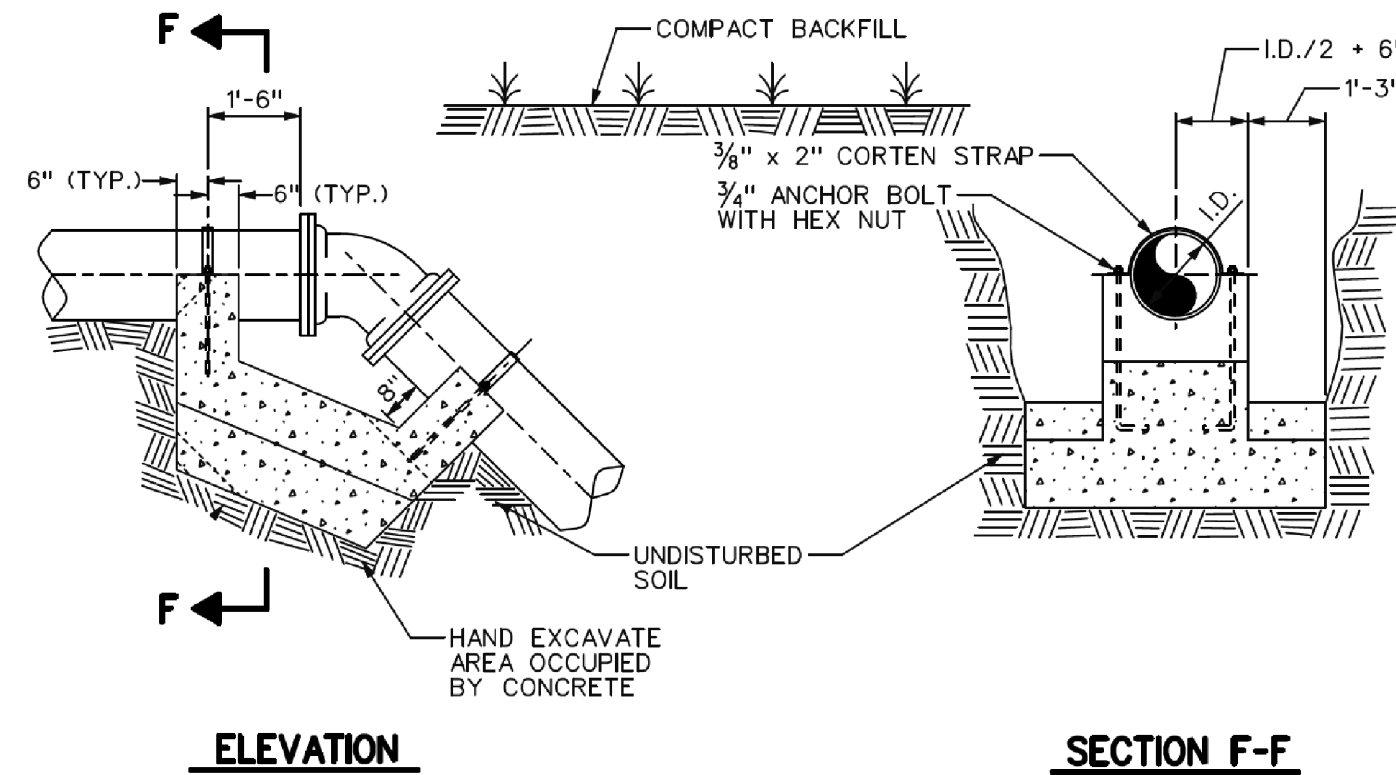


22½° BENDS
NOT TO SCALE

TYPICAL CONCRETE BRACE FOR HORIZONTAL BENDS
NOT TO SCALE



SECTION E-E

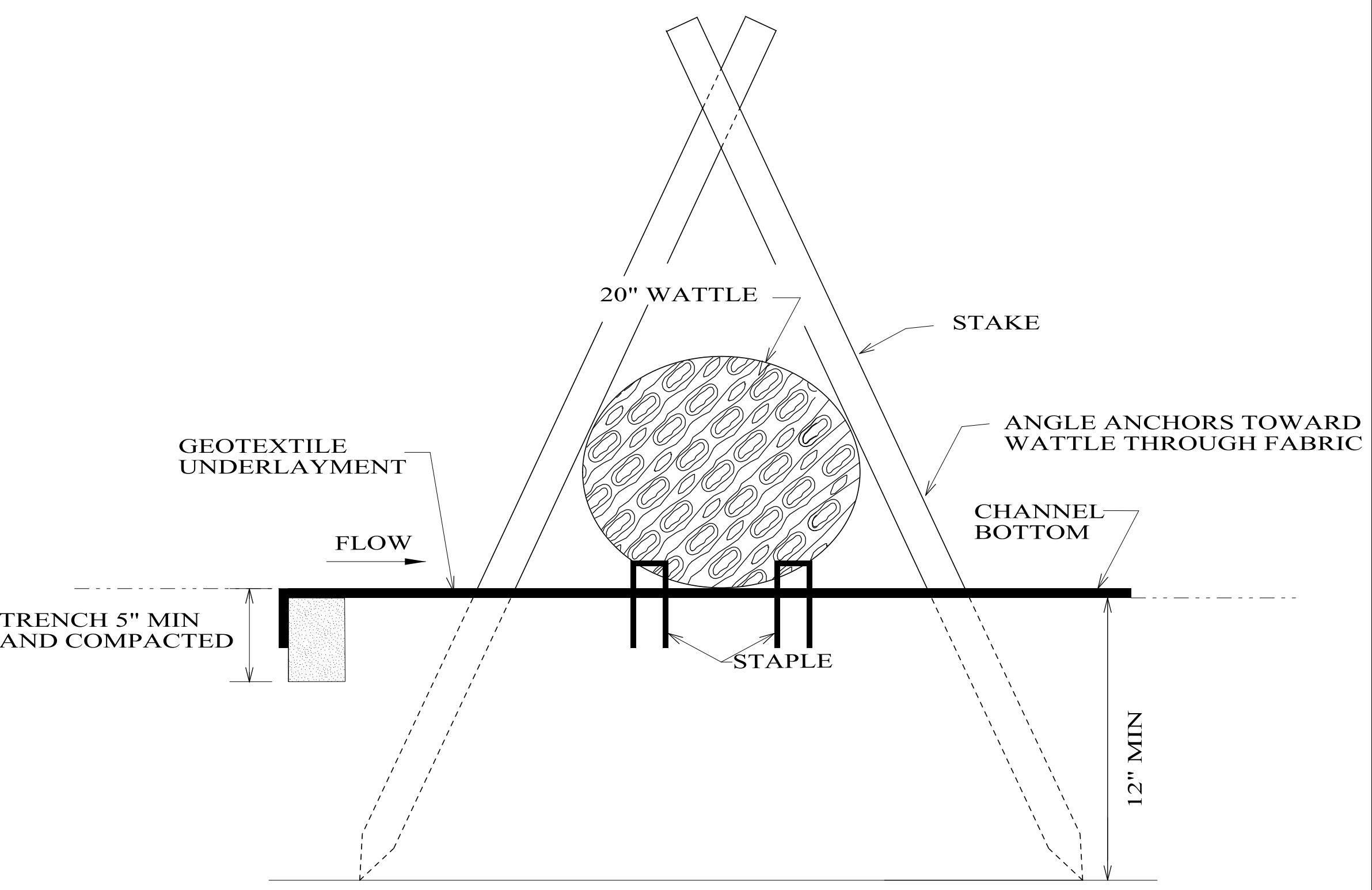
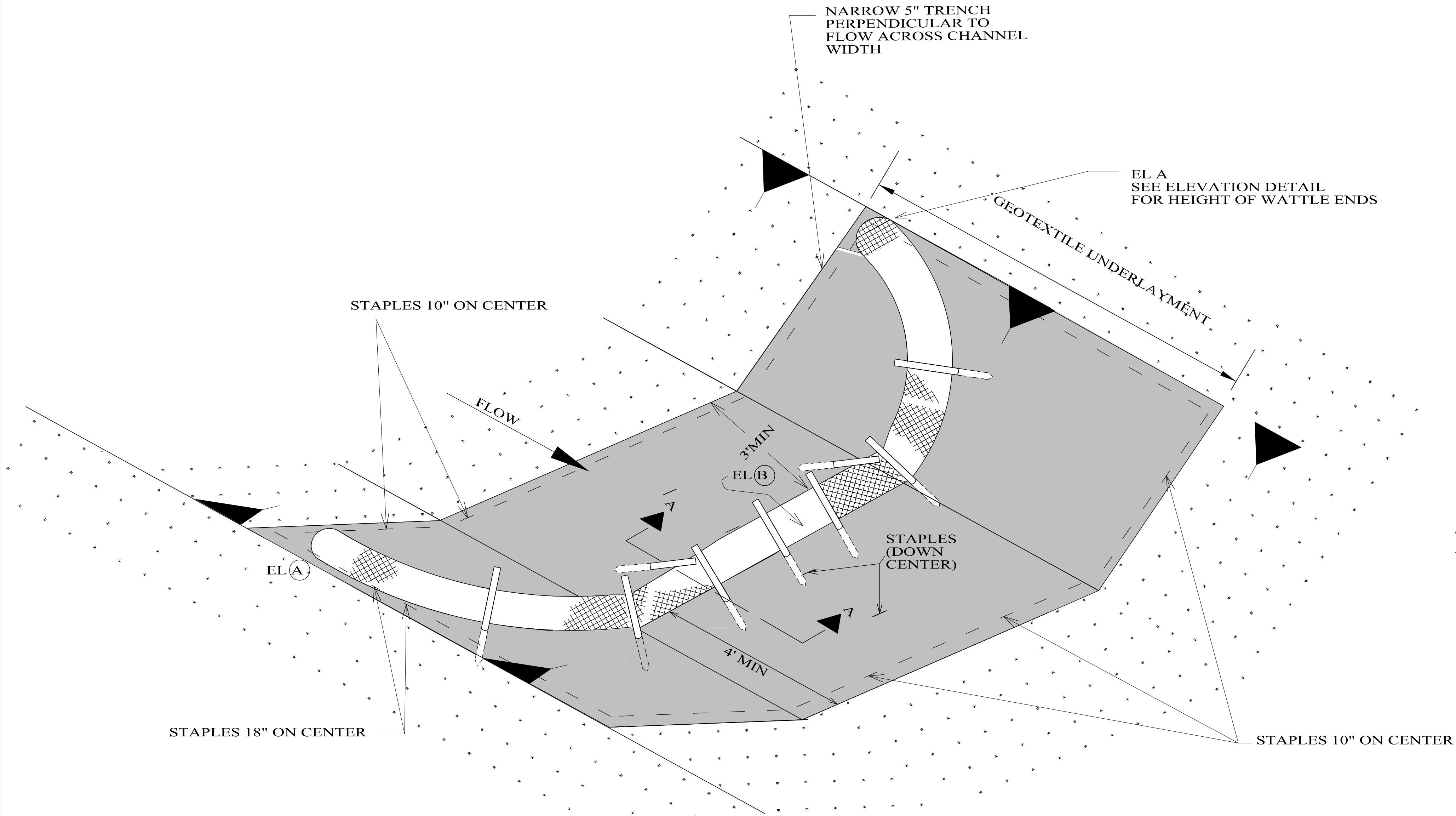


TYPICAL CONCRETE BRACING
FOR VERTICAL BENDS
NOT TO SCALE

APPROVED	STERRETT-VANDIVER WATER SYSTEM, INC.	Utility Engineering Consultants, LLC
	WATER SYSTEM IMPROVEMENTS SERVICE LINE REPLACEMENT CONTRACT NO. 2 DWSRF PROJECT NO. FS010154-04	135 GEMINI CIRCLE SUITE 211 HOMESWOOD, ALABAMA 35209
	MISC. DETAILS	DESIGNED DBB DRAWN RCM SCALE AS NOTED DATE JULY, 2025
		REFERENCE # JOB NUMBER SV25 077
		SHEET NUMBERS: SHEET 16 OF 21

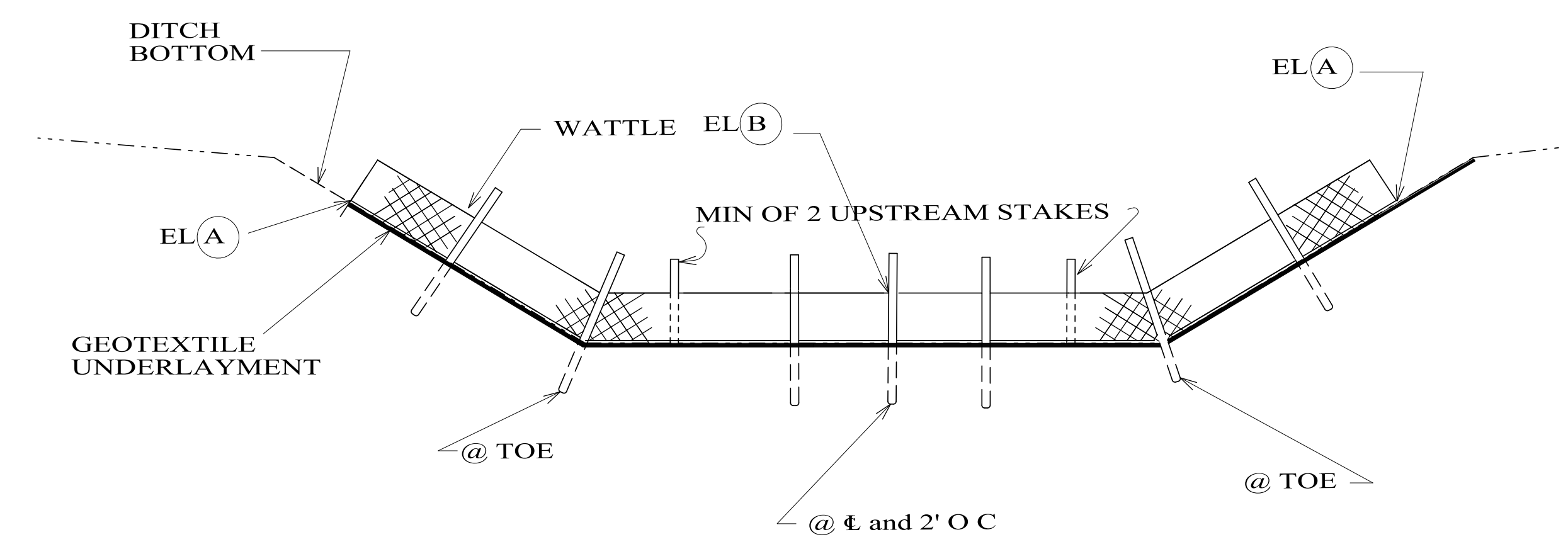
TEMPORARY EROSION AND SEDIMENT CONTROL

PROJECT #	CITY	COUNTY	STATE	YEAR	SHEET NO.
DWSRF PROJECT NO. FS010207-02 CONTRACT NO. 3	VINCENT	SHELBY	AL	2025	16



SECTION A-A

DETAIL (DITCH CHECK)



ELEVATION DETAIL

NOTE:
END POINTS A MUST BE HIGHER
THAN FLOWLINE POINT B

- NOTES:
1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100 FEET UNLESS SHOWN OTHERWISE ON THE PLANS OR APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ESC-300-1.
 2. ANCHORING STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF TWO FEET.
 3. WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.
 4. STAPLES SPACED 18 INCHES APART, ALONG THE CHANNEL EDGES AND DOWN THE CENTER OF THE CHANNEL. STAPLES SPACED 10 INCHES APART, ACROSS THE UPSTREAM AND DOWNSTREAM EDGES.
 5. STAPLES SHALL BE PLACED THROUGH THE BOTTOM NETTING OF THE WATTLE ON THE UPSTREAM AND DOWNSTREAM SIDES TO CREATE A SOLID INTERFACE BETWEEN THE WATTLE AND THE GEOTEXTILE UNDERLAYMENT. STAPLES SHALL BE PLACED 6" ON CENTER.

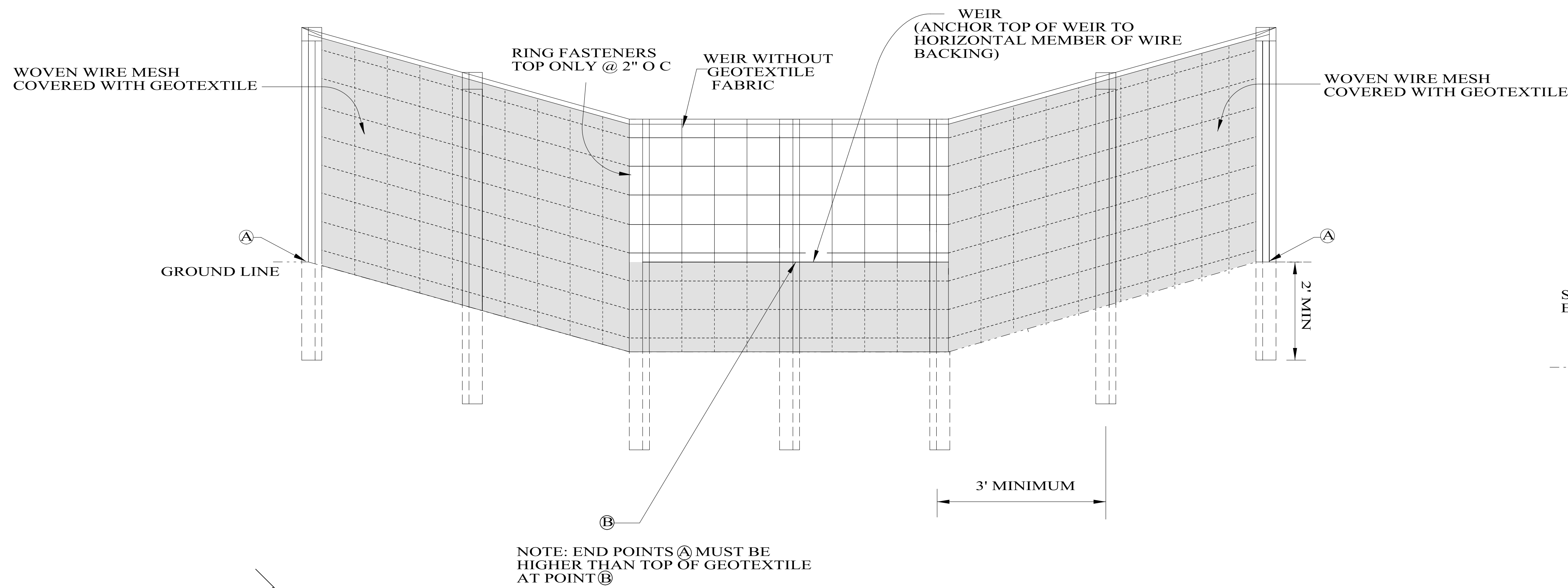
WATTLE DITCH CHECK SELECTION GUIDELINES

WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS NOT EXCEEDING 1.0 CU FT/SEC.

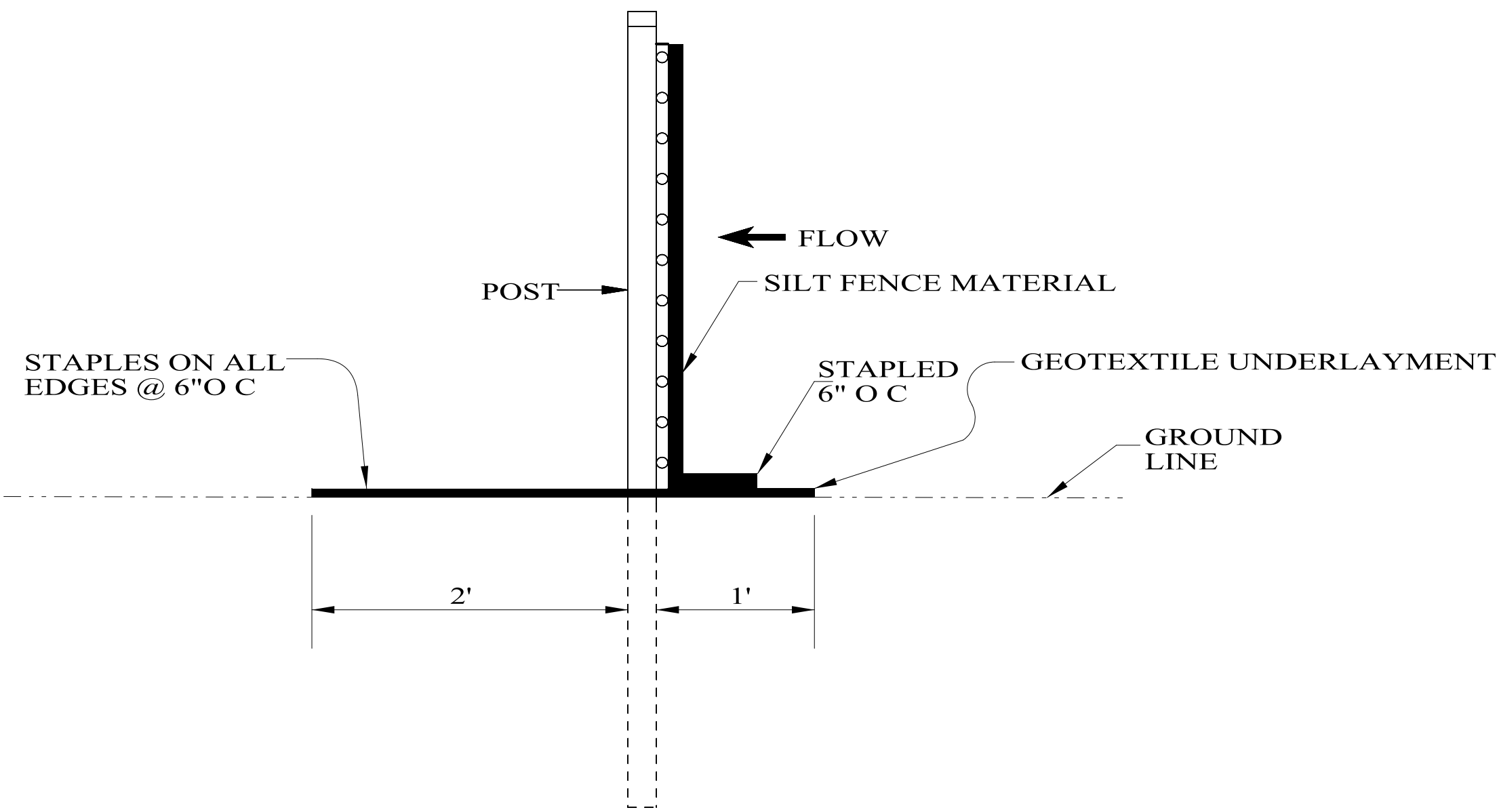


TEMPORARY EROSION AND SEDIMENT CONTROL

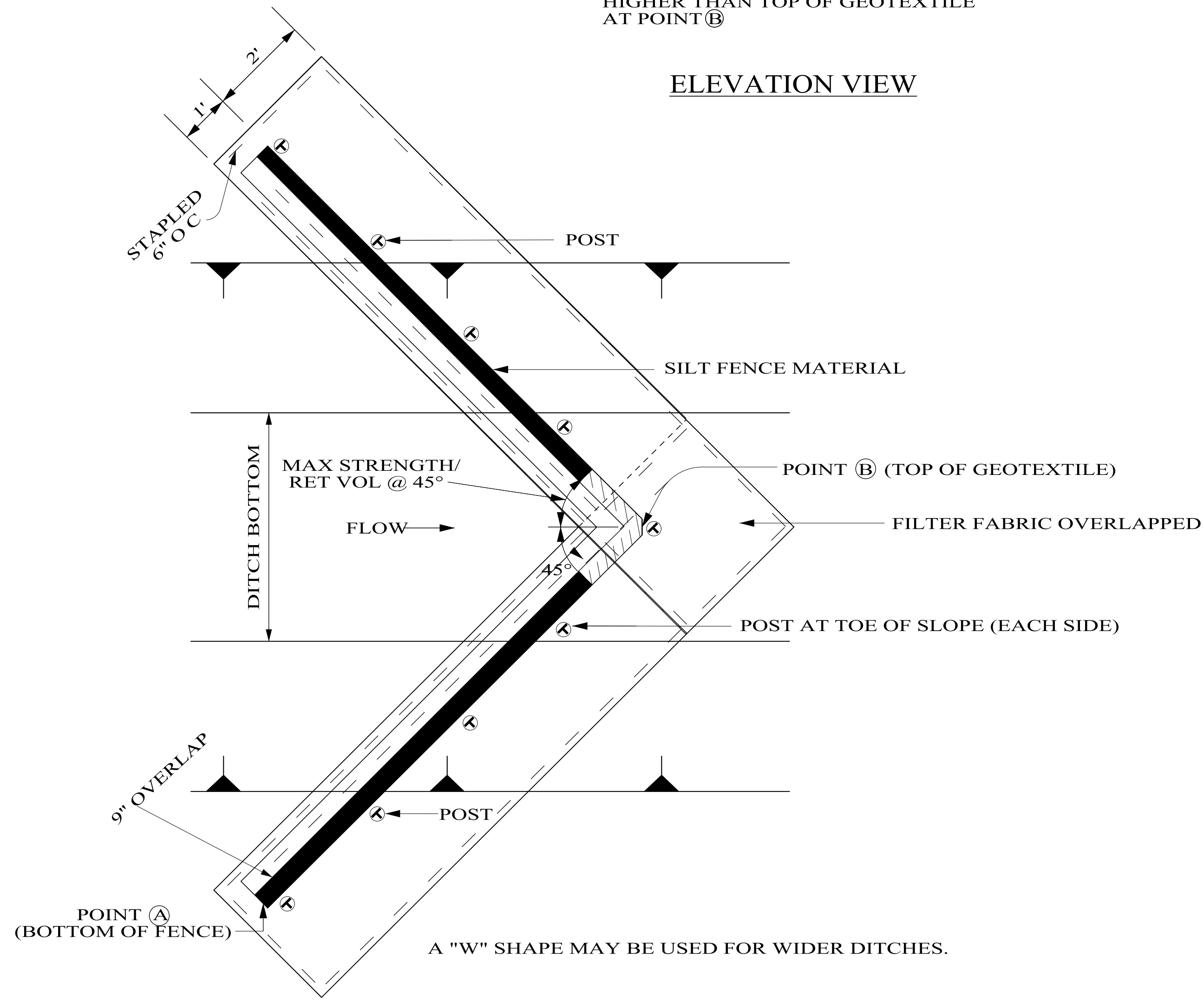
PROJECT #	CITY	COUNTY	STATE	YEAR	SHEET NO.
DWSRF PROJECT NO. FS010207-02 CONTRACT NO. 3	VINCENT	SHELBY	AL	2025	17



ELEVATION VIEW



SIDE VIEW



PLAN VIEW

NOTES:

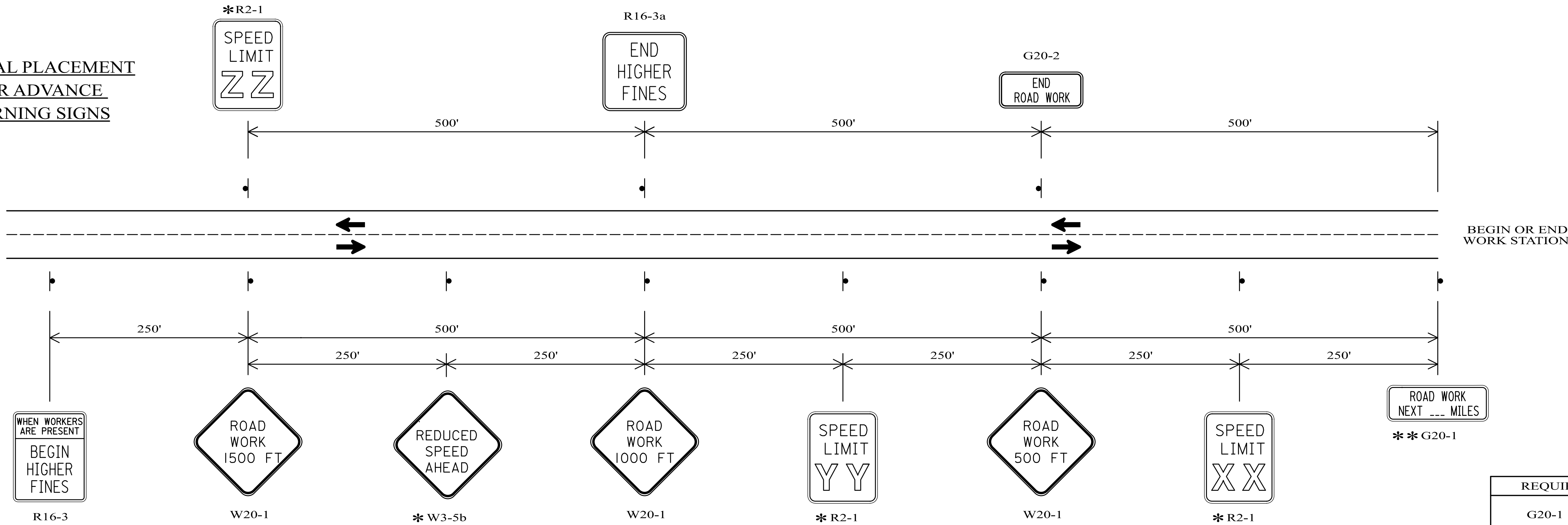
1. SILT FENCE SHALL BE USED IN AREAS WHERE FLOW IS MODERATE TO HIGH OR AS DIRECTED BY THE ENGINEER.
2. SILT FENCES ARE TEMPORARY EROSION CONTROL ITEMS THAT SHALL BE ERECTED DOWN GRADE OF ERODIBLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS AND CHANNELS.
3. IF THE TOP OF THE GEOTEXTILE AT POINT B IS HIGHER THAN THE BOTTOM OF THE FENCE AT POINT A THEN NO WEIR IS REQUIRED.
4. SEE ALDOT LIST II-3 FOR APPROVED SILT FENCE GEOTEXTILES.



TEMPORARY TRAFFIC CONTROL SHEET

PROJECT #	CITY	COUNTY	STATE	YEAR	SHEET NO.
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TYPICAL PLACEMENT
FOR ADVANCE
WARNING SIGNS



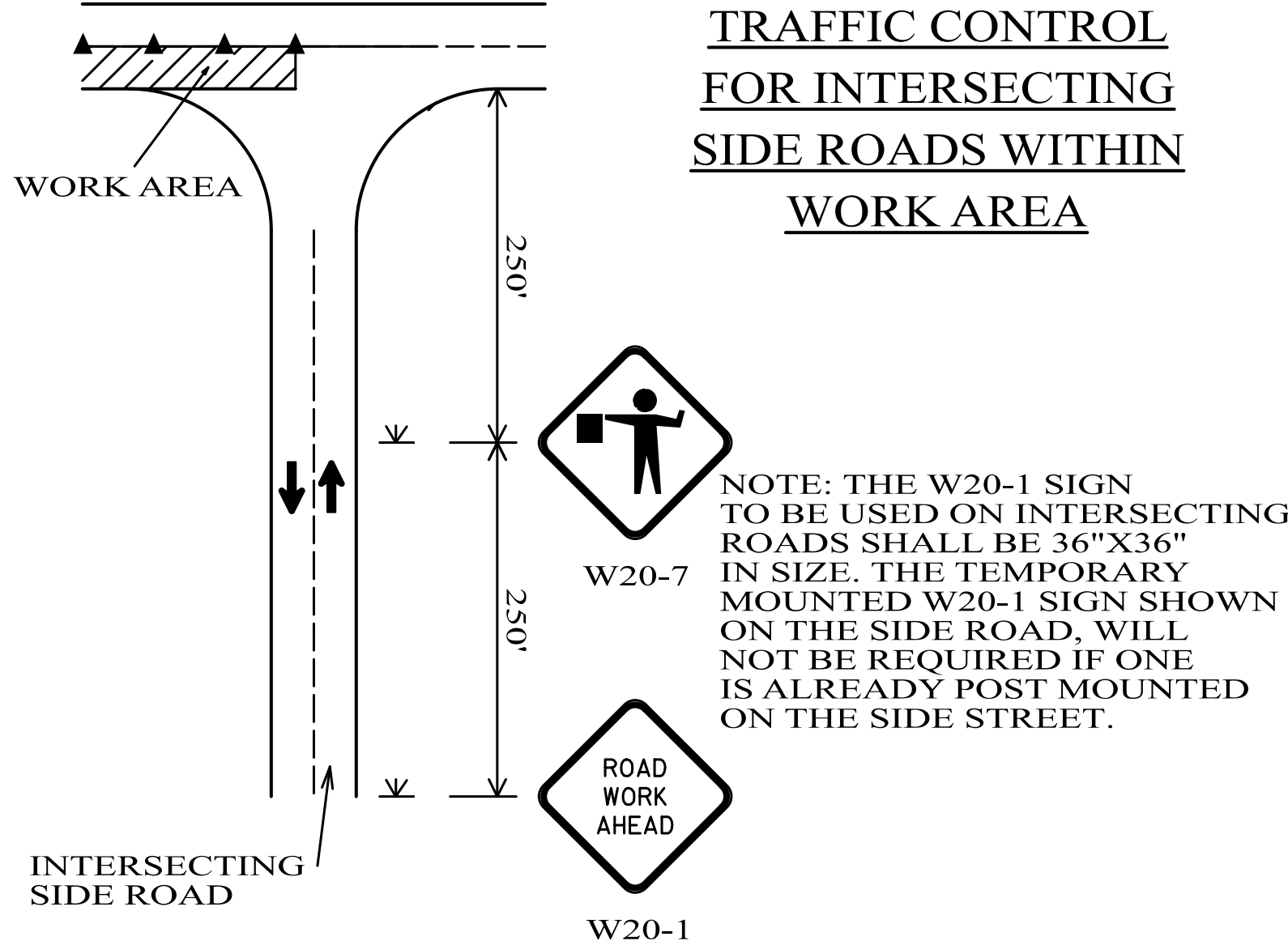
REQUIRED SIGN SIZES	
G20-1	48" X 24"
G20-2	48" X 24"
R2-1	24" X 30"
W3-5b	48" X 48"
R16-3	48" X 60"
R16-3a	48" X 48"
W20-1	48" X 48"
W20-4	48" X 48"
W20-7	48" X 48"

THE SIGN SIZES SHOWN ON THIS SHEET SHALL SUPERCEDE THOSE SHOWN ON THE STANDARD HIGHWAY SIGNS DRAWINGS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

GENERAL NOTES

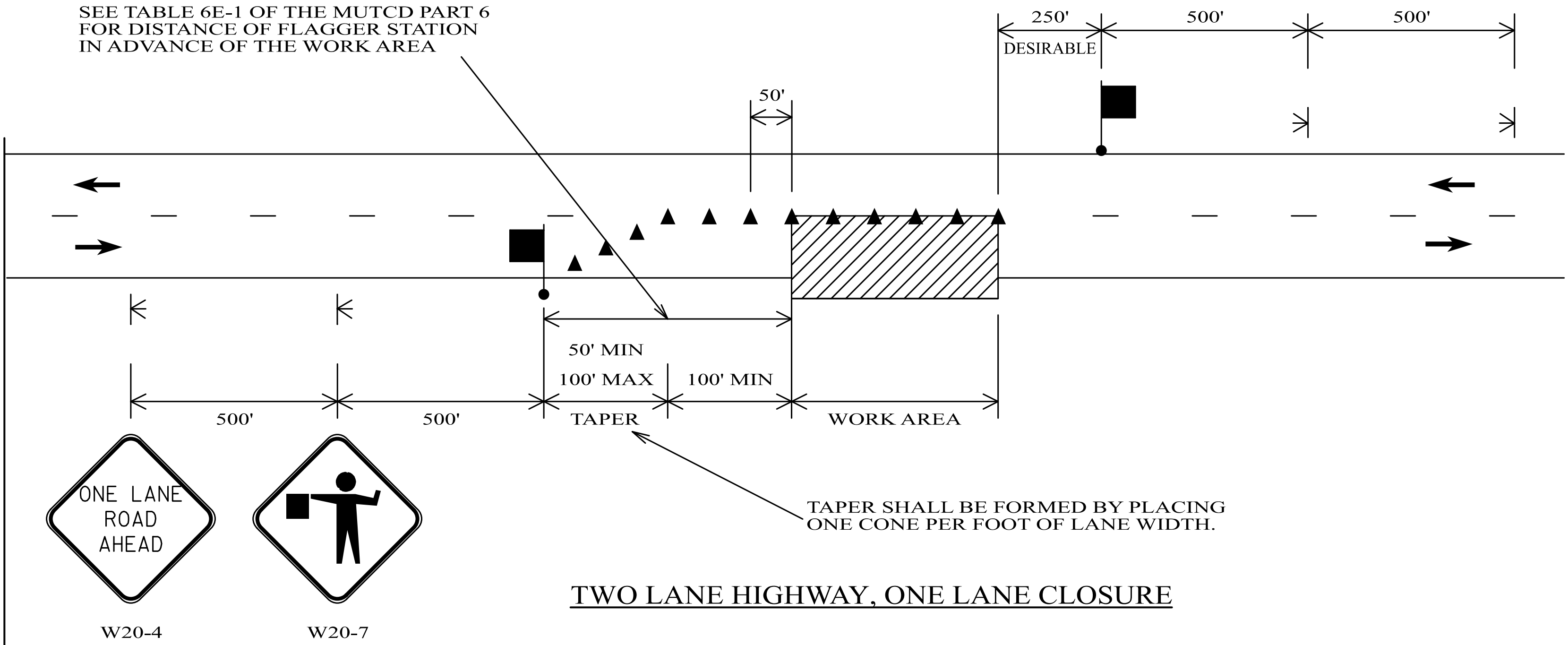
- ALL ADVANCE WARNING SIGNS REQUIRED AT THE BEGINNING AND END OF PROJECT SHALL BE POST MOUNTED. ALL SIGNS REQUIRED FOR THE LANE CLOSURE SHALL BE TEMPORARY MOUNTED.
- SIGN (XX) SHALL SHOW THE SPEED IN THE WORK ZONE. SIGN (YY) SHALL BE USED IF SPEED REDUCTION REQUIRES TWO SIGNS. SIGN(ZZ) SHALL SHOW THE POSTED SPEED OUTSIDE THE WORK ZONE.
- SIGNS ARE NOT REQUIRED FOR ROADWAYS WITH A SPEED LIMIT OF 45 MPH OR LESS.
- SIGNS ARE REQUIRED ONLY FOR PROJECT LIMITS THAT ARE GREATER THAN 2 MILES IN LENGTH.

TRAFFIC CONTROL
FOR INTERSECTING
SIDE ROADS WITHIN
WORK AREA



NOTE: THE W20-1 SIGN TO BE USED ON INTERSECTING ROADS SHALL BE 36"X36" IN SIZE. THE TEMPORARY MOUNTED W20-1 SIGN SHOWN ON THE SIDE ROAD, WILL NOT BE REQUIRED IF ONE IS ALREADY POST MOUNTED ON THE SIDE STREET.

SEE TABLE 6E-1 OF THE MUTCD PART 6 FOR DISTANCE OF FLAGGER STATION IN ADVANCE OF THE WORK AREA



LEGEND

- TEMPORARY MOUNTED SIGN
- POST MOUNTED SIGN
- CONES
- FLAGGER
- WORK AREA



SHEET TITLE
TEMPORARY TRAFFIC CONTROL SHEET

STERRETT-VANDIVER
WATER SYSTEM INC.

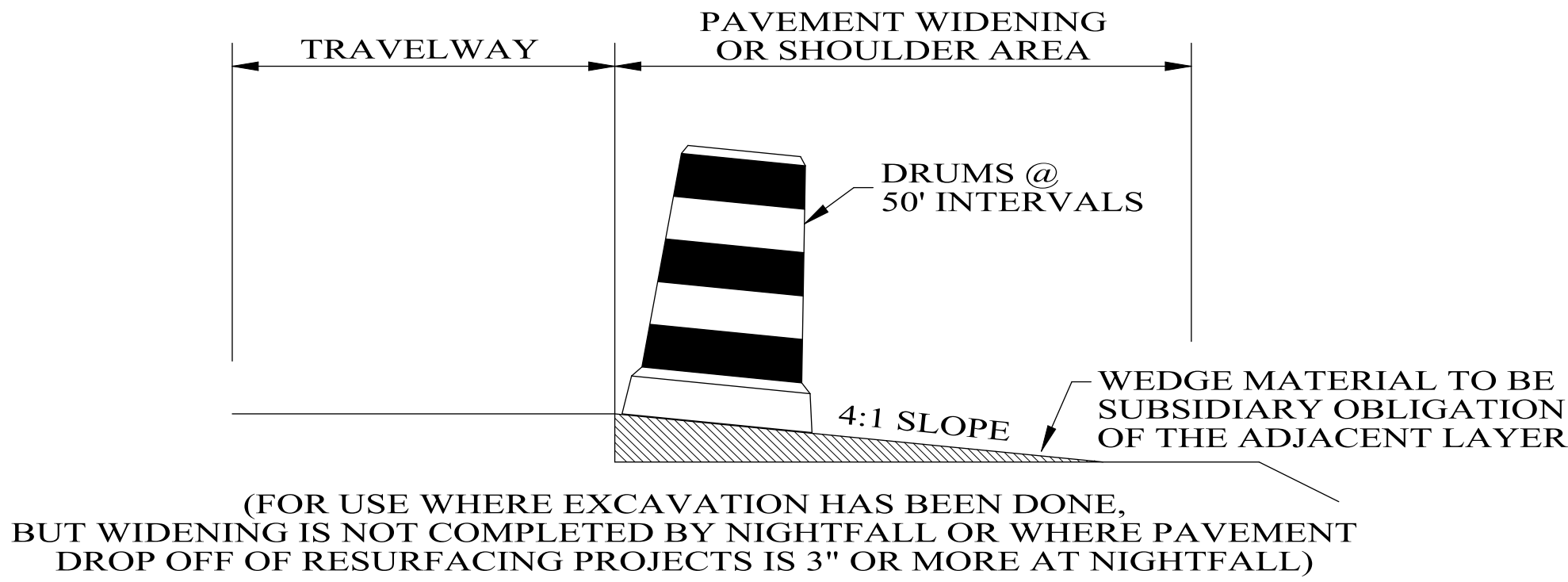
COUNTY ROAD 43 WATER LINE
DWSRF PROJECT NO. FS010154-04
CONTRACT NO. 2 JOB NO. SV25 077



135 Gemini Circle,
Suite 211
Homewood, AL 35209
Tel. No. 205-951-3838

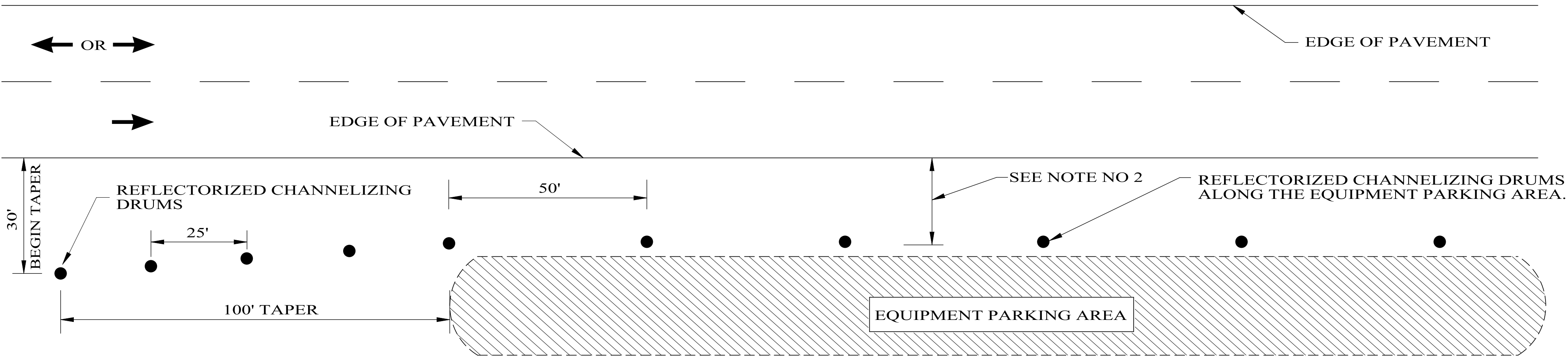
TEMPORARY TRAFFIC CONTROL SHEET

PROJECT #	CITY	COUNTY	STATE	YEAR	SHEET NO.
DWSRF PROJECT NO. FS010207-02 CONTRACT NO. 3	VINCENT	SHELBY	AL	2025	19



TYPICAL FOR DROP-OFF AT EDGE OF PAVEMENT

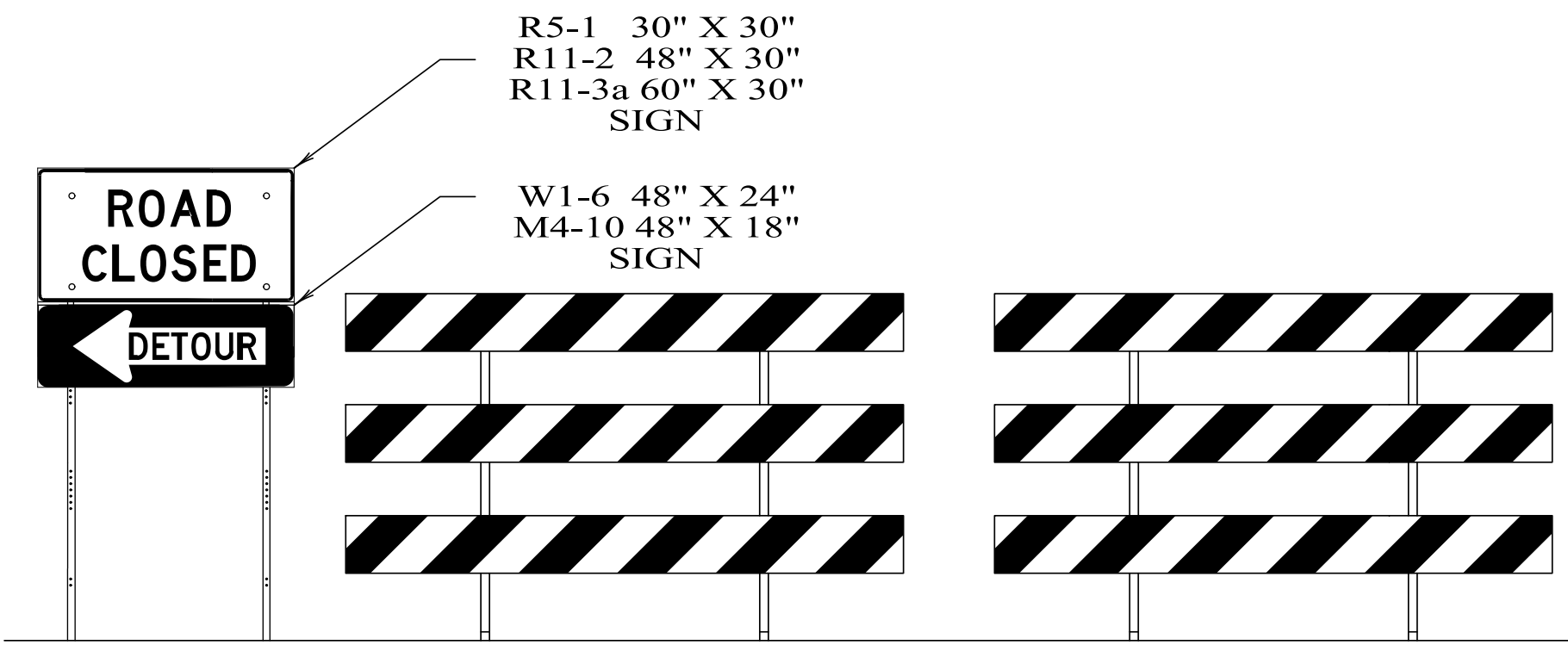
NOTE:
THE CONTRACTOR IS TO CONSTRUCT A WEDGE OF UNCLASSIFIED EXCAVATION OR CRUSHED AGGREGATE BASE . THE COST OF PLACING AND REMOVAL SHALL BE A SUBSIDIARY OBLIGATION OF THE ADJACENT LAYER.
CHANNELIZING DRUMS SHALL BE PLACED AT 50 FT INTERVALS.



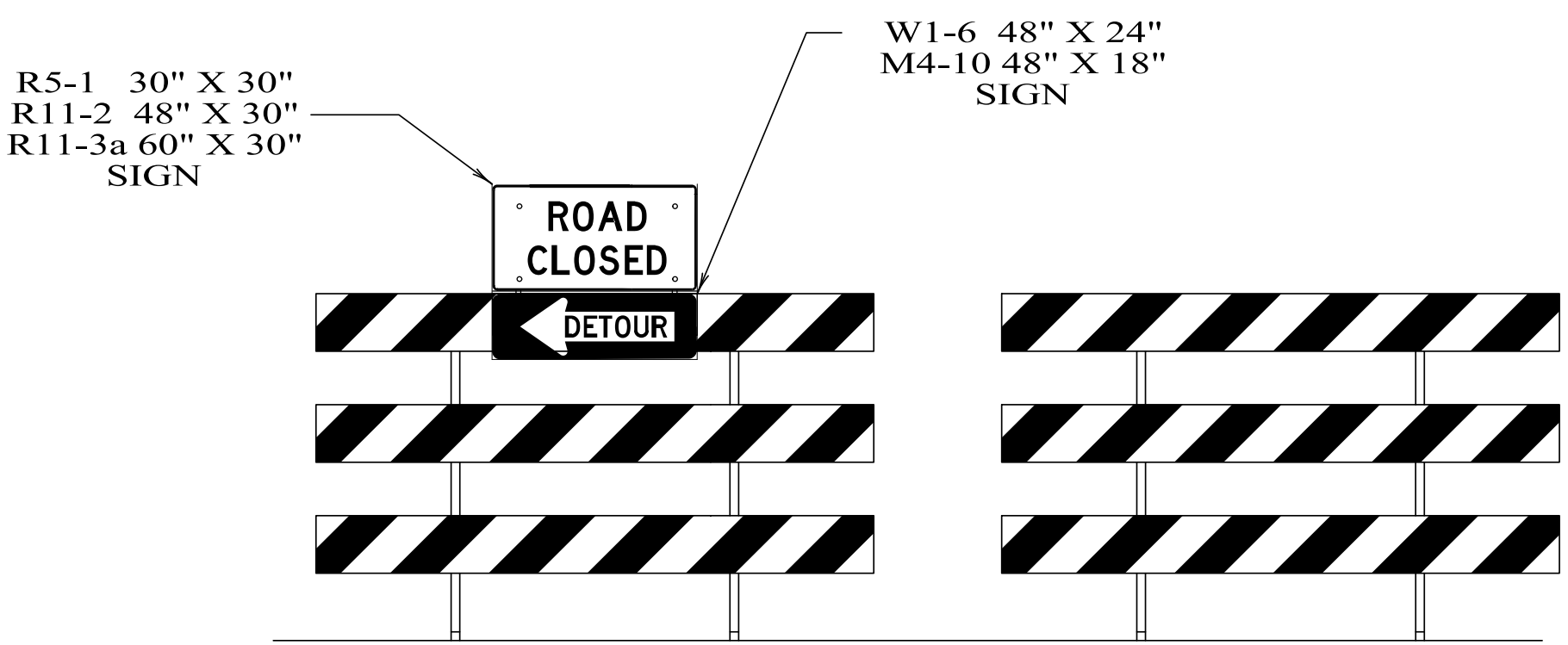
NOTES:

- SEE ALDOT'S GENERAL TRAFFIC CONTROL PLAN NOTE NO. 702.
- DRUMS TO BE AS FAR AS PRACTICAL FROM EDGE OF PAVEMENT, MINIMUM DESIRABLE DISTANCE IS 15 FEET FOR FREEWAY TYPE FACILITIES AND 10 FEET FOR OTHER FACILITIES. FOR UNUSUAL CONDITIONS, SUCH AS SPECIAL EQUIPMENT OR LIMITED AVAILABLE SPACE, DIMENSIONS LESS THAN DESIRABLE SHALL BE AS DIRECTED BY THE ENGINEER.
- ALL DEVICES TO BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE ALDOT.

DELINEATING DETAIL FOR EQUIPMENT PARKING OR STORING AREA



DETAILS FOR TYPICAL PLACEMENT OF TYPE III BARRICADES INSIDE OF CLEAR ZONE



DETAILS FOR TYPICAL PLACEMENT OF TYPE III BARRICADES OUTSIDE OF CLEAR ZONE

NOTES

- SLOPE OF STRIPES ON BARRICADES SHALL BE IN ACCORDANCE WITH SECTION 6F.68 OF THE MUTCD AND DRAWING B-107-2.
- IF SIGNS ARE REQUIRED TO BE USED IN CONJUNCTION WITH TYPE III BARRICADES TO BE PLACED INSIDE THE CLEAR ZONE, THEY SHALL BE POST MOUNTED TO THE SIDE OF THE BARRICADES AS SHOWN.
- IF ROAD CLOSED OR DETOUR SIGNS ARE REQUIRED TO BE USED WITH TYPE III BARRICADES TO BE PLACED OUTSIDE THE CLEAR ZONE, THEY SHALL BE PLACED ON THE TOP OF THE BARRICADES NEAREST THE DETOUR.



SHEET TITLE
TEMPORARY TRAFFIC CONTROL SHEET

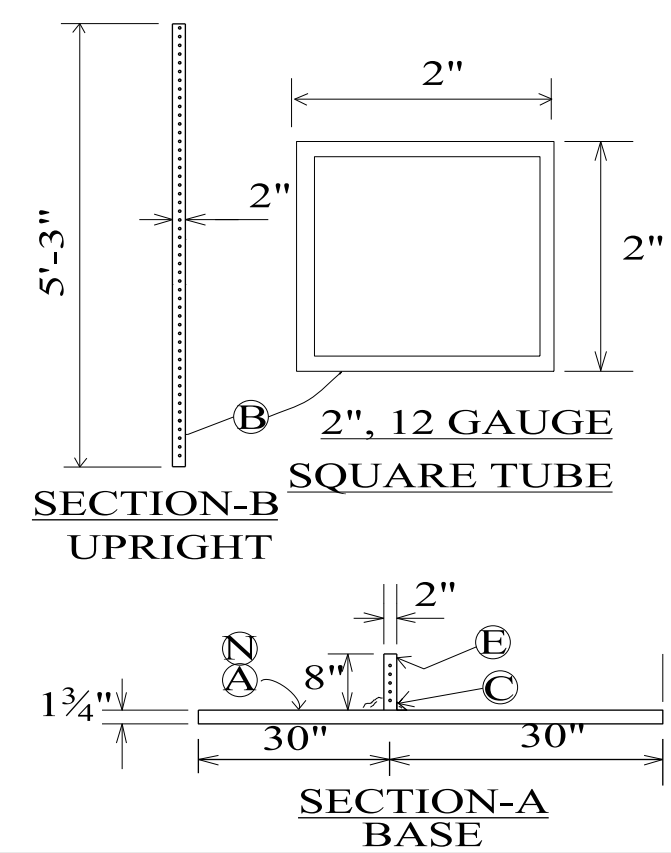
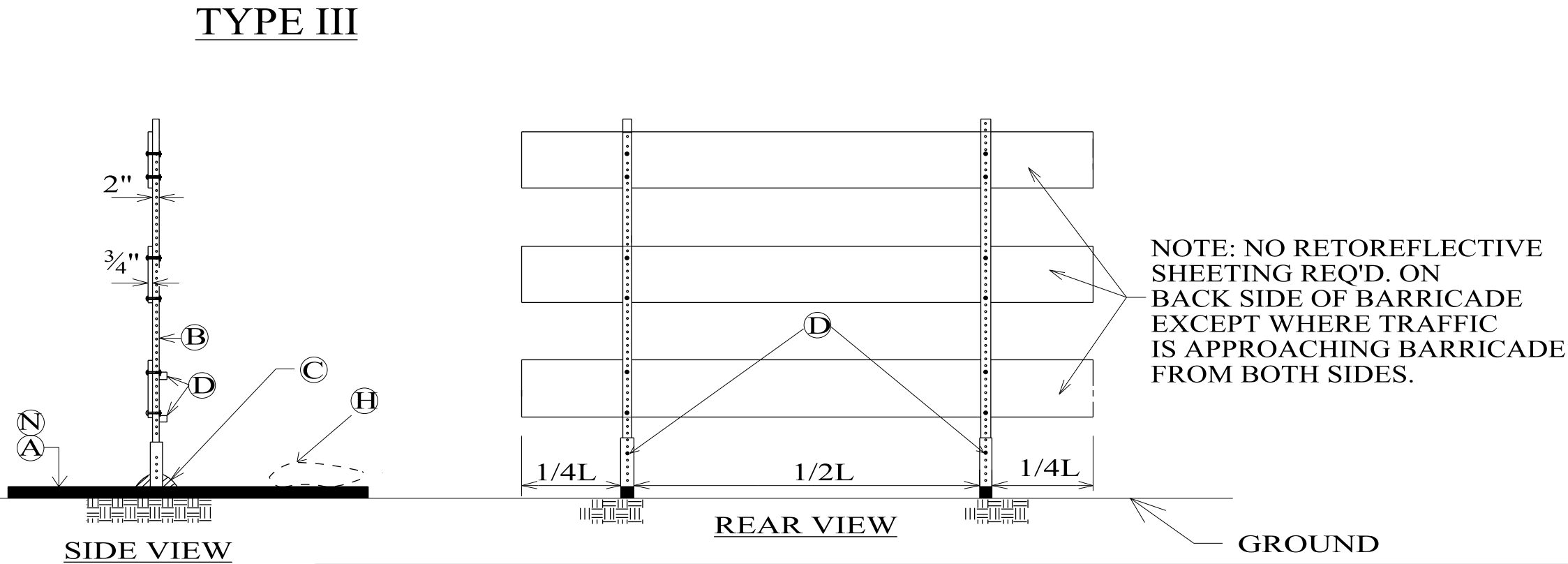
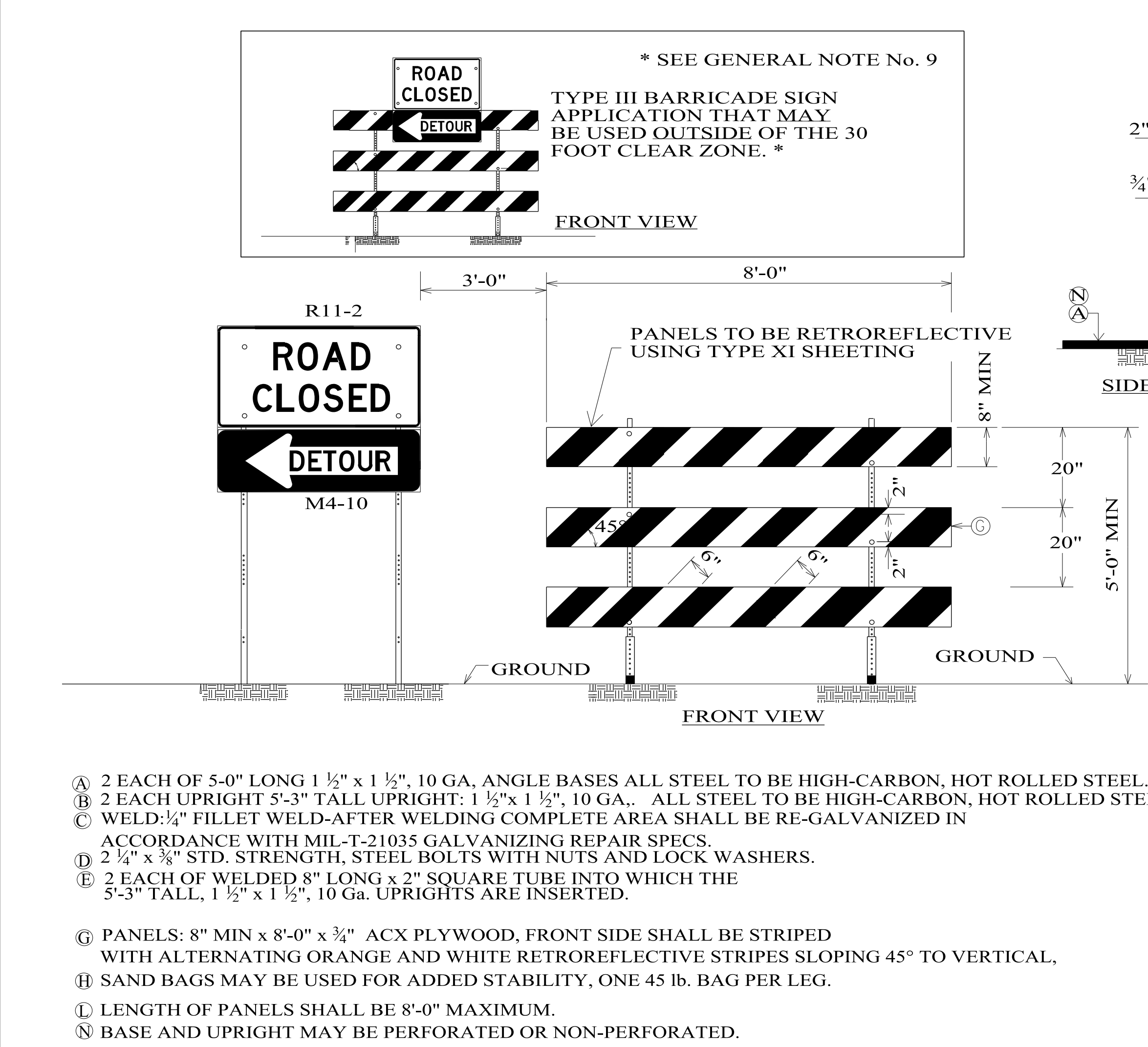
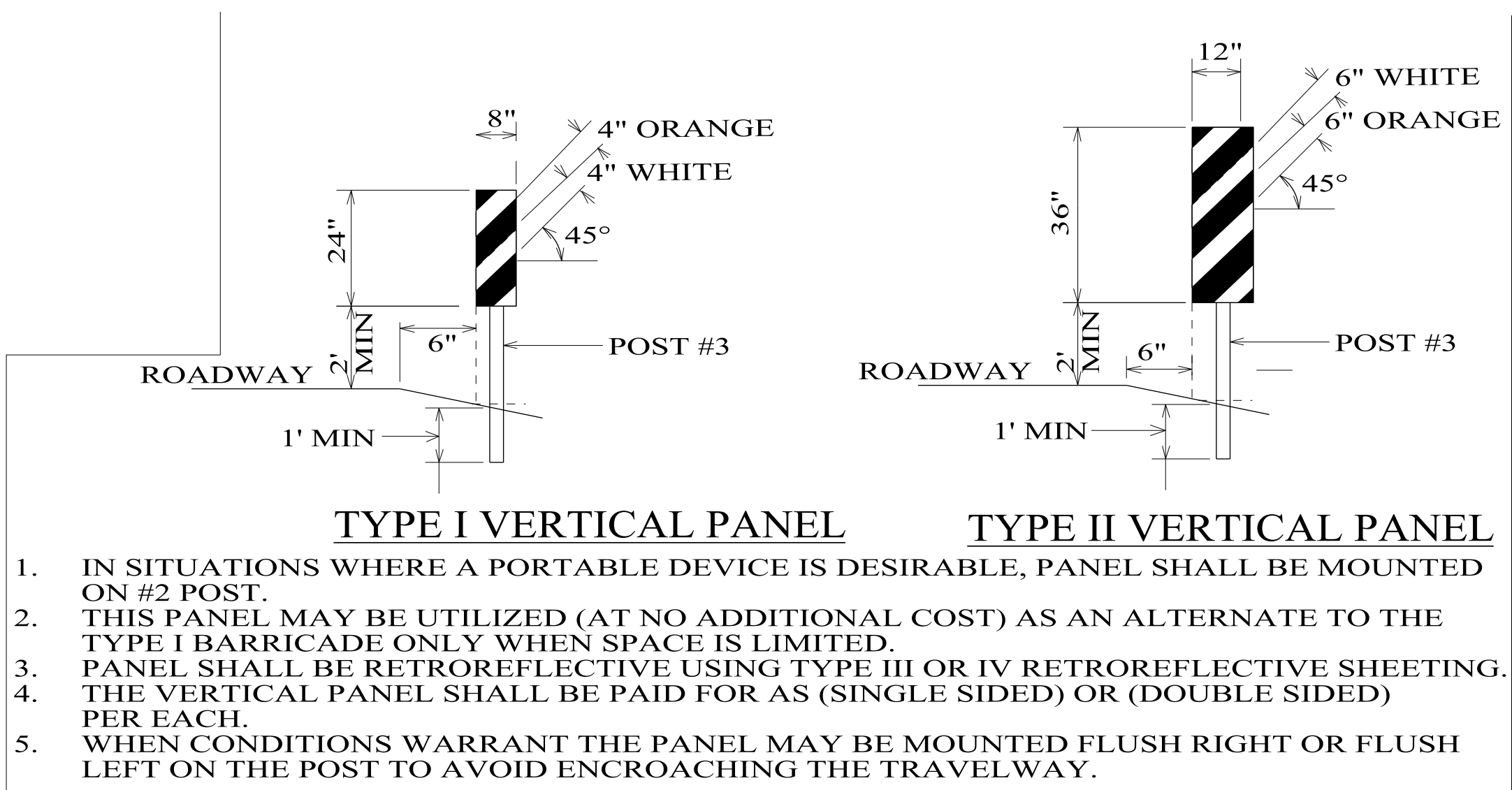
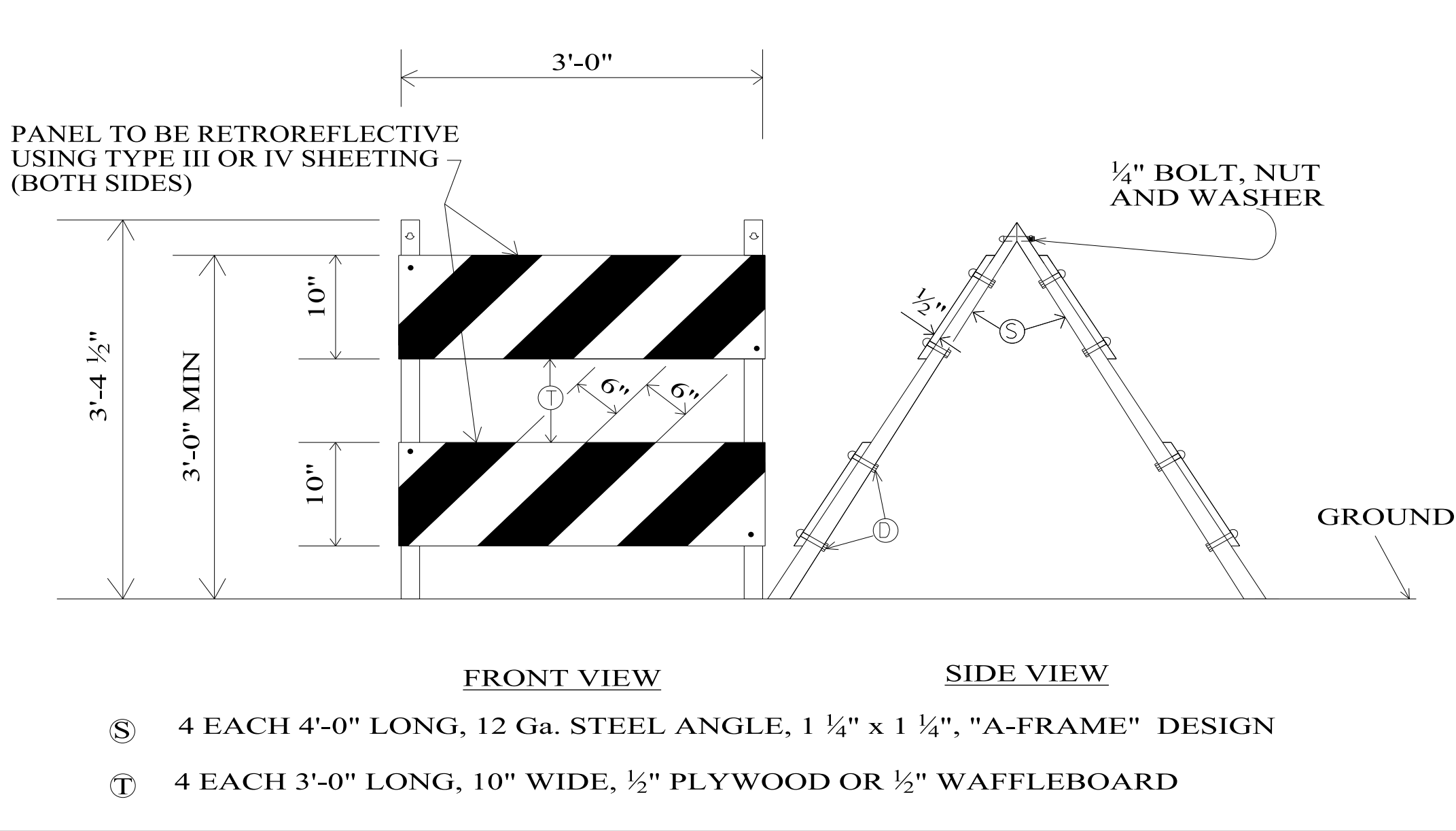
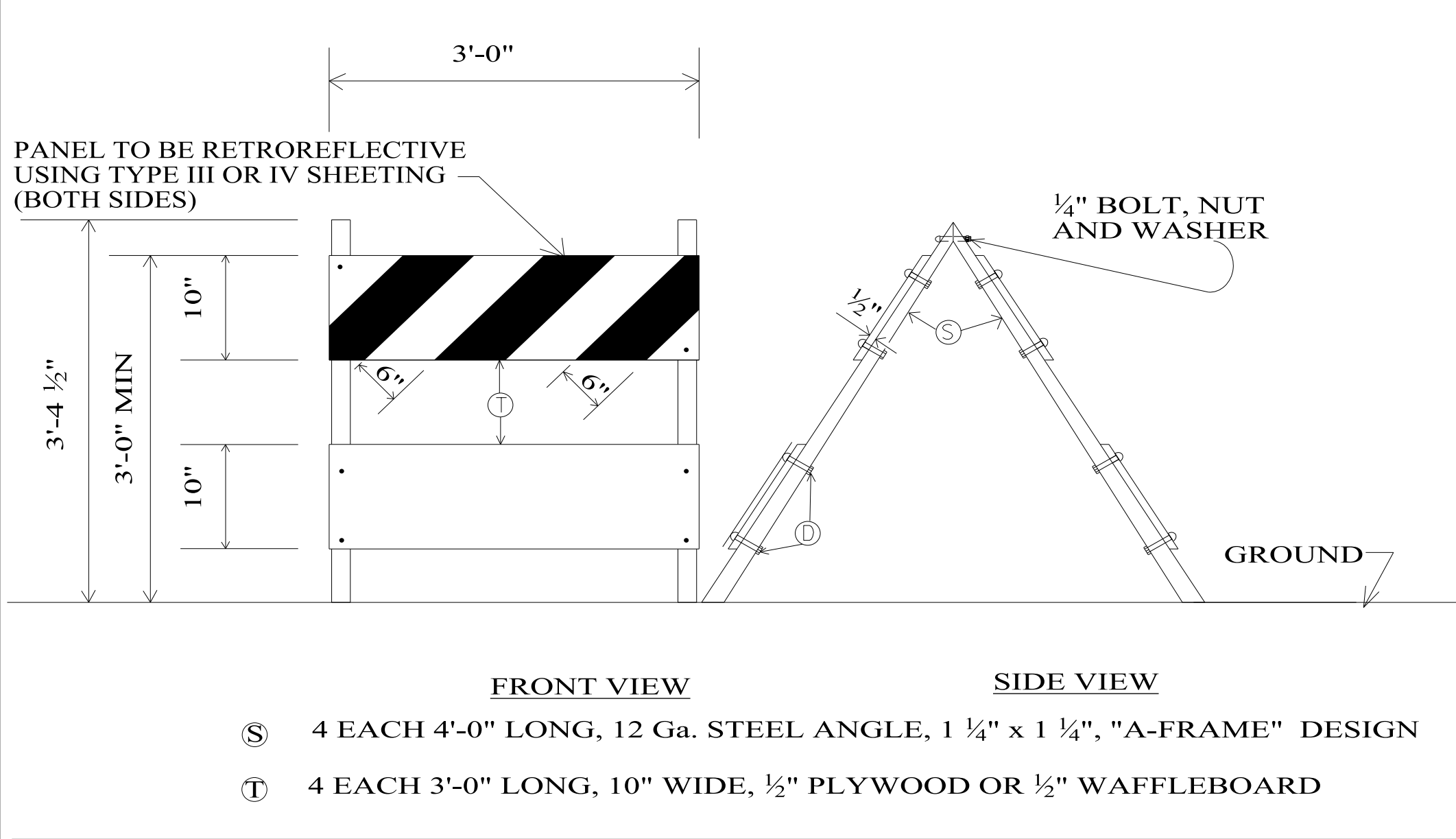
STERRETT-VANDIVER
WATER SYSTEM INC.

COUNTY ROAD 43 WATER LINE
DWSRF PROJECT NO. FS010154-04
CONTRACT NO. 2 JOB NO. SV25 077



TEMPORARY TRAFFIC CONTROL SHEET

PROJECT #	CITY	COUNTY	STATE	YEAR	SHEET
DWSRF PROJECT NO. FS010207-02 CONTRACT NO. 3	VINCENT	SHELBY	AL	2025	NO. 20



- GENERAL NOTES
- STRIPES SHALL MAKE AN ANGLE OF 45° WITH THE VERTICAL SLANTING DOWNWARD TOWARD THE SIDE WHICH TRAFFIC IS TO PASS. AT LOCATIONS WHERE THE BARRICADE EXTENDS ENTIRELY ACROSS A ROADWAY, STRIPES SHALL SLOPE DOWNWARD IN THE DIRECTION TOWARD WHICH TRAFFIC MUST TURN. IF BOTH RIGHT AND LEFT TURNS ARE PROVIDED FOR, THE STRIPES SHALL SLOPE DOWNWARD IN BOTH DIRECTIONS FROM THE CENTER OF THE BARRICADE OR BARRICADES. WHERE NO TURNS ARE INTENDED, THE STRIPES SHOULD SLOPE DOWNWARD TOWARD THE CENTER OF THE BARRICADE OR BARRICADES.
 - SEE PART 6 OF THE CURRENT M.U.T.C.D. ADOPTED BY ALDOT FOR ERECTION LOCATIONS AND OTHER PERTINENT DATA.
 - THE HORIZONTAL PANELS ARE DESIGNED TO BE STRIPED IDENTICALLY AND SPACED AS NOTED, SO THE DIAGONAL STRIPES ON EACH PANEL ARE LINED UP TO REFLECT A CONTINUOUS STRIPE FROM THE TOP PANEL TO THE BOTTOM PANEL. PANELS WILL BE INTERCHANGEABLE.
 - THE ROAD CLOSED AND DETOUR SIGNS SHALL BE PLACED ON THE SIDE OF THE BARRICADE NEAREST THE DIRECTION OF THE DETOUR.
 - EVERY TYPE III BARRICADE SHALL HAVE AN IDENTIFYING LABEL IMPRINTED OR PERMANENTLY MOUNTED ON AN UPRIGHT BETWEEN THE TOP AND MIDDLE PANELS. THE LABEL SHALL BE VISIBLE UPON ASSEMBLY OF THE BARRICADE AND SHALL BE A MINIMUM SIZE OF 2 SQUARE INCHES. THE LABEL SHALL SHOW THE MANUFACTURER NAME AND THE MODEL NUMBER OF THE BARRICADE. THE MODEL NUMBER OF THE STANDARD TYPE III BARRICADE SHOWN ON THIS DRAWING SHALL BE B-107-2.
 - ANY MANUFACTURER, CONTRACTOR, VENDOR OR STATE FORCES MAY BUILD AND/OR SUPPLY THE TYPE I AND TYPE II BARRICADES PROVIDED THEY CERTIFY IN WRITING THAT THE BARRICADES CONFORM TO THE DESIGNS AND SPECIFICATIONS OF THIS DRAWING.
 - OTHER DESIGNS MEETING THE PANEL WIDTH AND LENGTH AND BARRICADE HEIGHT DIMENSIONS SHOWN ON THIS DRAWING MAY BE SUPPLIED PROVIDED THEY HAVE BEEN CRASH TESTED AND APPROVED BY MASH STANDARDS INCLUDING ANY LIGHT OR SIGN COMBINATION. ANY TYPE III BARRICADE OTHER THAN MODEL NUMBER B-107-2 MUST BE ON LIST IV-3 OF THE MATERIALS, SOURCES AND DEVICES WITH SPECIAL ACCEPTANCE REQUIREMENTS" MANUAL MAINTAINED BY THE MATERIALS & TESTS BUREAU AND SHALL HAVE AN IDENTIFYING LABEL ACCORDING TO GENERAL NOTE #5.
 - ONLY PARTS OF IDENTICAL MODEL NUMBERS SHALL BE INTERCHANGEABLE.
 - ANY SIGN MOUNTED TO A TYPE III BARRICADE INSIDE OF THE 30 FOOT CLEAR ZONE SHALL BE MADE OF ALUMINUM COMPOSITE MATERIAL AND LISTED IN THE APPROVED PRODUCT LIST AS REFERENCED IN NOTE No. 7.



SHEET TITLE
TEMPORARY TRAFFIC CONTROL SHEET

STERRETT-VANDIVER
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