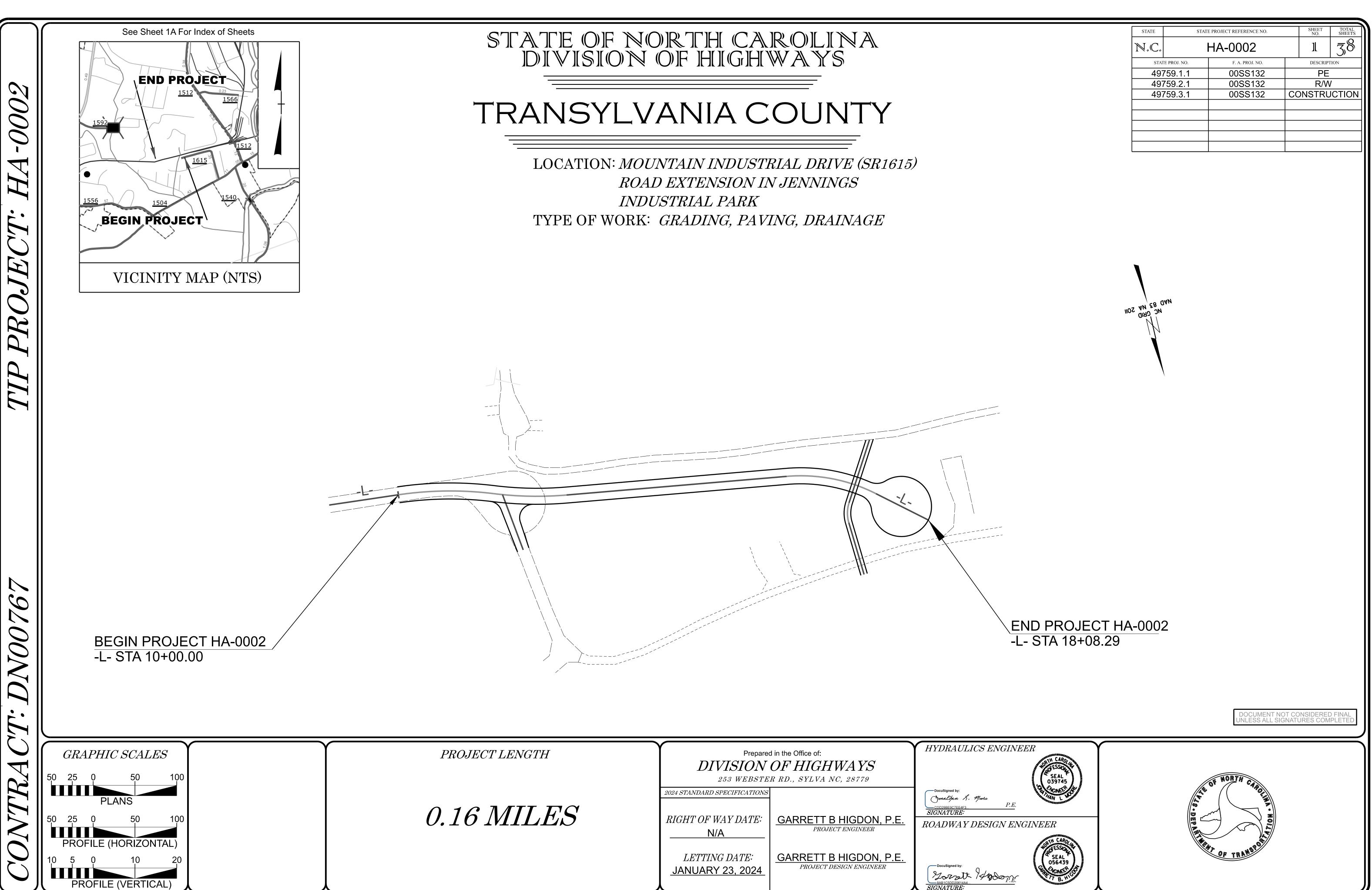
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LENGTH	Prepared in the Office of: DIVISION OF HIGHWAYS 253 WEBSTER RD., SYLVA NC, 28779		HYDRAULICS ENGINI
AILES	2024 STANDARD SPECIFICATIONS RIGHT OF WAY DATE: N/A	GARRETT B HIGDON, P.E. PROJECT ENGINEER	DocuSigned by: Jonatian L. Madu <u>CDD29BE9C7EE4F3</u> <u>SIGNATURE:</u> ROADWAY DESIGN EN
	<i>LETTING DATE:</i> JANUARY 23, 2024	GARRETT B HIGDON, P.E. PROJECT DESIGN ENGINEER	DocuSigned by: 2000 June Hold P.E. SIGNATURE:

STATE	STATE PROJECT REFERENCE NO.		SHEET NO.	TOTAL SHEETS	
N.C. HA-0002			11	<u>3</u> 8	
STAT	TE PROJ. NO.	F. A. PROJ. NO. DESCRIPTION		TION	
497	759.1.1	00SS132	PE		
497	759.2.1	00SS132	R/W		
497	759.3.1	00SS132	CONSTRUCTION		ICTION

GENERAL NOTES:

GRADE LINE: GRADING AND SURFACING: INDEX OF SHEETS THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SHEET NUMBER SHEET SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. GRADE LINES MAY BE ADJUSTED AT THEIR BEGINNING AND ENDING AND AT STRUCTURES AS DIRECTED BY THE TITLE SHEET ENGINEER IN ORDER TO SECURE A PROPER TIE-IN. INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS 1A CLEARING: 1B CONVENTIONAL SYMBOLS CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II. PAVEMENT SCHEDULE AND TYPICAL SECTIONS 2A SUPERELEVATION: 3B ROADWAY AND DRAINAGE SUMMARIES ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH 4 THRU 5 PLAN AND PROFILE SHEET STD. NO. 225.04 USING THE RATE OF SUPERELEVATION AND RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL RIGHT OF WAY PLANS RW-1 THRU RW-4 SECTIONS. TMP-1 THRU TMP-4 TRANSPORTATION MANAGEMENT PLANS SHOULDER CONSTRUCTION: PMP-1 THRU PMP-2 PAVEMENT MARKING PLANS ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01 EC-1 THRU EC-5 EROSION CONTROL PLANS UTILITIES: UC-1 THRU UC-6 UTILITY CONSTRUCTION PLANS UTILITY OWNERS ON THIS PROJECT ARE CITY OF BREVARD PUBLIC WORKS, CITIZENS X-1 THRU X-5 CROSS-SECTIONS TELEPHONE COMPANY, DUKE ENERGY, AND DOMINION ENERGY

CONTRACTOR SHALL NOTIFY THE MUNICIPALITIES TWO (2) WEEKS PRIOR TO CLOSING MULTI USE PATH

CONTRACTOR SHALL MAINTAIN DRIVEWAY ACCESS FOR OSKAR BLUES LOADING DOCK

2024 SPECIFICATIONS

HA-0002 1A

2024 ROADWAY ENGLISH STANDARD DRAWINGS The following Roadway Standards as appear in "Roadway Standard Drawings" Contracts Standards and Development Unit -N. C. Department of Transportation - Raleigh, N. C., Dated January 16, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO. TITLE **DIVISION 2 - EARTHWORK** 200.02 Method of Clearing - Method II 225.02 Guide for Grading Subgrade - Secondary and Local 225.04 Method of Obtaining Superelevation - Two Lane Pavement DIVISION 3 - PIPE CULVERTS 300.01 Method of Pipe Installation DIVISION 5 - SUBGRADE, BASES AND SHOULDERS 560.01 Method of Shoulder Construction - High Side of Superelevated Curve - Method I **DIVISION 8 - INCIDENTALS** 876.01 Rip Rap in Channels 876.02 Guide for Rip Rap at Pipe Outlets 876.04 Drainage Ditches with Class 'B' Rip Rap

Note: Not to Scale

BOUNDARIES AND PROPERTY:

State Line	
County Line ———	
Township Line ————	
City Line	
Reservation Line	· ·
Property Line	
Existing Iron Pin (EIP)	€I₽
Computed Property Corner ———	×
Existing Concrete Monument (ECM) ———	€CM
Parcel / Sequence Numbe r	(23)
Existing Fence Line	_xxx
Proposed Woven Wire Fence	0
Proposed Chain Link Fence	
Proposed Barbed Wire Fence	
Existing Wetland Boundary	— — — — WLB — — — —
Proposed Wetland Boundary	
Existing Endangered Animal Boundary	EAB
Existing Endangered Plant Boundary ———	EPB
Existing Historic Property Boundary	нрв
Known Contamination Area: Soil	- 🔆 — s — 🔆 — s —
Potential Contamination Area: Soil	- X - s - X - s -
Known Contamination Area: Water	- 😿 — w — 😿 — w —
Potential Contamination Area: Water ———	- X w M w
Contaminated Site: Known or Potential ——	XX XX
BUILDINGS AND OTHER CULTU	
Gas Pump Vent or U/G Tank Cap	0

	-
Sign ———	⊙ s
Well —	O W
Small Mine ———	☆
Foundation ———	
Area Outline	
Cemetery —	†
Building ———	
School ———	
Church ———	<u>مٹ</u> ے
Dam ————	

HYDROLOGY:

Stream or Body of Water	
Hydro, Pool or Reservoir	
Jurisdictional Stream	JS••••
Buffer Zone 1	
Buffer Zone 2	——— BZ 2 ———
Flow Arrow	<
Disappearing Stream ————————————————————————————————————	
Spring c	
Wetland	\mathbf{x}
Proposed Lateral, Tail, Head Ditch	
False Sump	

RAILROADS:

Standard Gauge ——— RR Signal Milepost-----Switch — RR Abandoned —

RR Dismantled

RIGHT OF WAY & PROJECT CONTROL:

Primary Horiz Control Poi Primary Horiz and Vert Co Secondary Horiz and Vert Vertical Benchmark —— Existing Right of Way Mor Proposed Right of Way Mo (Rebar and Cap) Proposed Right of Way Mo (Concrete) Existing Permanent Easer Proposed Permanent Ease (Rebar and Cap) Existing C/A Monument – Proposed C/A Monument Proposed C/A Monument Existing Right of Way Line Proposed Right of Way Lir Existing Control of Access Proposed Control of Acces Proposed ROW and CA Li Existing Easement Line— Proposed Temporary Cons Proposed Temporary Drain Proposed Permanent Drain Proposed Permanent Drain Proposed Permanent Utilit Proposed Temporary Utility Proposed Aerial Utility Eas ROADS AND RELA

Existing Edge of Pavemen Existing Curb ——— Proposed Slope Stakes Cu Proposed Slope Stakes Fill -Proposed Curb Ramp — Existing Metal Guardrail — Proposed Guardrail — Existing Cable Guiderail Proposed Cable Guiderail — Equality Symbol – Pavement Removal-**VEGETATION:**

Single Tree	
Single Shrub	
Hedge ——	

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS CONVENTIONAL PLAN SHEET SYMBOLS

Woods Line

CSX TRANSPORTATION
 \odot
MILEPOST 35
 SWITCH
 <u></u>

int	
ontrol Point	۲
t Control Point ——	•
nument	\bigtriangleup
lonument	
Ionument	
ment Monument——	$\langle \cdot \rangle$
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(Deber and Can)	
(Rebar and Cap) — (Concrete) —	
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nage Easement——	TDE
inage Easement	PDE
inage/Utility Easement	DUE
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ty Easement	TUE
sement	AUE
ATED FEATURES	<i>S:</i>
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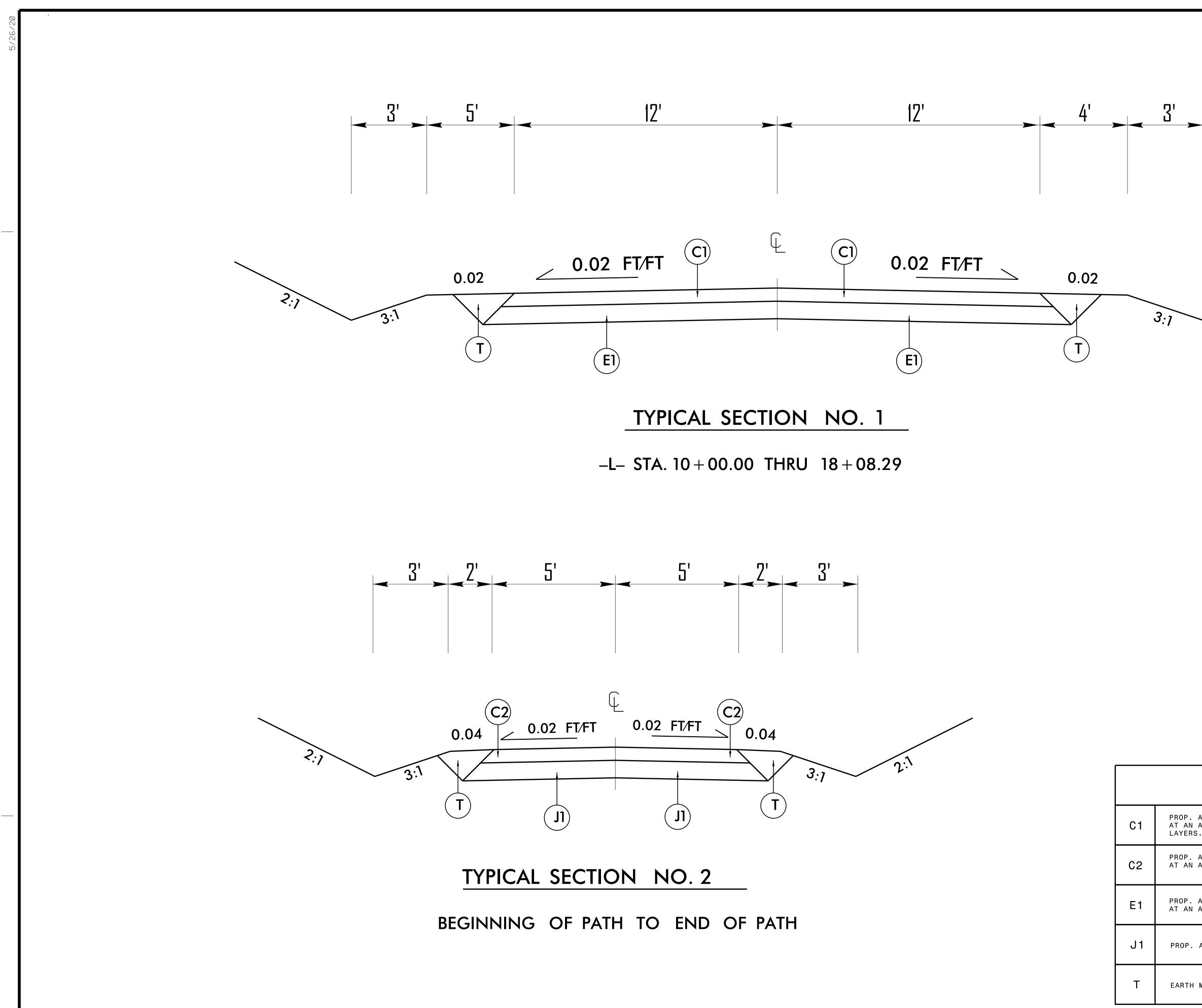
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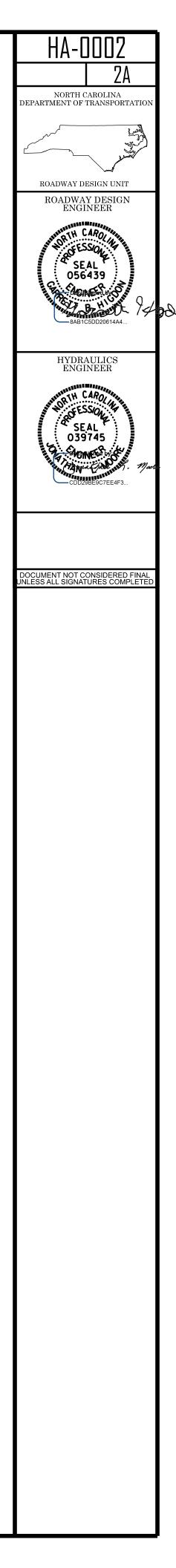
£3

Woods Line	רע אינ אינ אינ אינ אינ
Orchard —	- & & & & &
Vineyard	- Vineyard
EXISTING STRUCTURES:	
MAJOR:	
Bridge, Tunnel or Box Culvert	CONC
Bridge Wing Wall, Head Wall and End Wall	-) CONC WW (
MINOR:	
Head and End Wall	
Pipe Culvert	
Footbridge	
Drainage Box: Catch Basin, DI or JB	
Paved Ditch Gutter	_
Storm Sewer Manhole ————	S
Storm Sewer	s
UTILITIES:	
* SUE - Subsurface Utility Engineering LOS - Level of Service - A,B,C or D (A	Accuracy)
POWER:	Accuracy)
Existing Power Pole	-
Proposed Power Pole	
Existing Joint Use Pole	
Proposed Joint Use Pole	
Power Manhole —	
Power Line Tower	
Power Transformer	
U/G Power Cable Hand Hole	
H-Frame Pole	
U/G Power Line Test Hole (SUE - LOS A)* —	-
U/G Power Line (SUE - LOS B)*	
U/G Power Line (SUE - LOS C)*	
U/G Power Line (SUE - LOS D)*	
TELEPHONE:	
Existing Telephone Pole	· _ —
Proposed Telephone Pole	-0-
Telephone Manhole	· D
Telephone Pedestal	
Telephone Cell Tower ————	· 🗸
U/G Telephone Cable Hand Hole ———	н
U/G Telephone Test Hole (SUE - LOS A)* —	-
U/G Telephone Cable (SUE - LOS B)*	t
U/G Telephone Cable (SUE - LOS C)*	t
U/G Telephone Cable (SUE - LOS D)*	T
U/G Telephone Conduit (SUE - LOS B)* ——	TC
U/G Telephone Conduit (SUE - LOS C)* ——	- <u> </u>
U/G Telephone Conduit (SUE - LOS D)*	TC
U/G Fiber Optics Cable (SUE - LOS B)*	— — — — T FO— — — ·
U/G Fiber Optics Cable (SUE - LOS C)* ——	— — — T FO— — —
U/G Fiber Optics Cable (SUE - LOS D)*	T FO

	HA_0007
WATER: Water Manhole ————————————————————————————————————	Ŵ
Water Meter —	₩ C
Water Valve —	8
	-
Water Hydrant ————————————————————————————————————	¢
U/G Water Line (SUE - LOS A)	•
U/G Water Line (SUE - LOS D)	
U/G Water Line (SUE - LOS D)* Above Ground Water Line	
TV: TV Pedestal ————————————————————————————————————	С
TV Tower —	\bigotimes
U/G TV Cable Hand Hole	₩
U/G TV Test Hole (SUE - LOS A)*	
U/G TV Cable (SUE - LOS B)*	
U/G TV Cable (SUE - LOS C)*	
U/G TV Cable (SUE - LOS D)*	
U/G Fiber Optic Cable (SUE - LOS B)*	
U/G Fiber Optic Cable (SUE - LOS C)*	
U/G Fiber Optic Cable (SUE - LOS D)* ——	TV FO
GAS:	•
Gas Valve	\diamond
Gas Meter	\diamond
U/G Gas Line Test Hole (SUE - LOS A)* —	
U/G Gas Line (SUE - LOS B)*	
U/G Gas Line (SUE - LOS C)*	
U/G Gas Line (SUE - LOS D)*	
Above Ground Gas Line	A/G Gas
SANITARY SEWER:	
Sanitary Sewer Manhole	(D)
Sanitary Sewer Cleanout	(abla)
U/G Sanitary Sewer Line	
Above Ground Sanitary Sewer	A/G Sanitary Sewer
SS Force Main Line Test Hole (SUE - LOS A)*	
	— — — — FSS — — — –
SS Force Main Line (SUE - LOS C)*	
SS Force Main Line (SUE - LOS D)*	FSS
MISCELLANEOUS:	
Utility Pole	•
Utility Pole with Base	•
Utility Located Object	\odot
Utility Traffic Signal Box	S
Utility Unknown U/G Line (SUE - LOS B)* —	
U/G Tank; Water, Gas, Oil	
Underground Storage Tank, Approx. Loc. ——	(UST)
A/G Tank; Water, Gas, Oil	
Geoenvironmental Boring	
Abandoned According to Utility Records ——	AATUR
End of Information	E.O.I.



C1	PROP. A AT AN A LAYERS.
C2	PROP. A AT AN A
E1	PROP. A AT AN A
J1	PROP. A
Т	EARTH M



PAVEMENT SCHEDULE

APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO

APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, VERAGE RATE OF 168 LBS. PER SQ. YD.

APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AVERAGE RATE OF 456 LBS. PER SQ. YD.

APPROX. 6" AGGREGATE BASE COURSE

MATERIAL

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

SUMMARY OF EARTHWORK

IN CUBIC YARDS

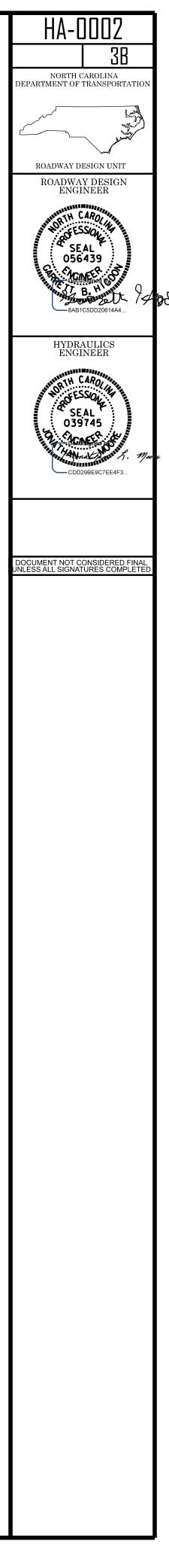
STATION	STATION	UNCL. EXCAV.	EMBANK. +%	BORROW	WASTE
10+00.00	18+08.29	2000			2000
PATH BEGIN	PATH END	200			200
SUBTO	DTALS:				2200
PROJECT	TOTALS:				2200
GRAND	TOTALS:				2200
SA SA	AY:				2200

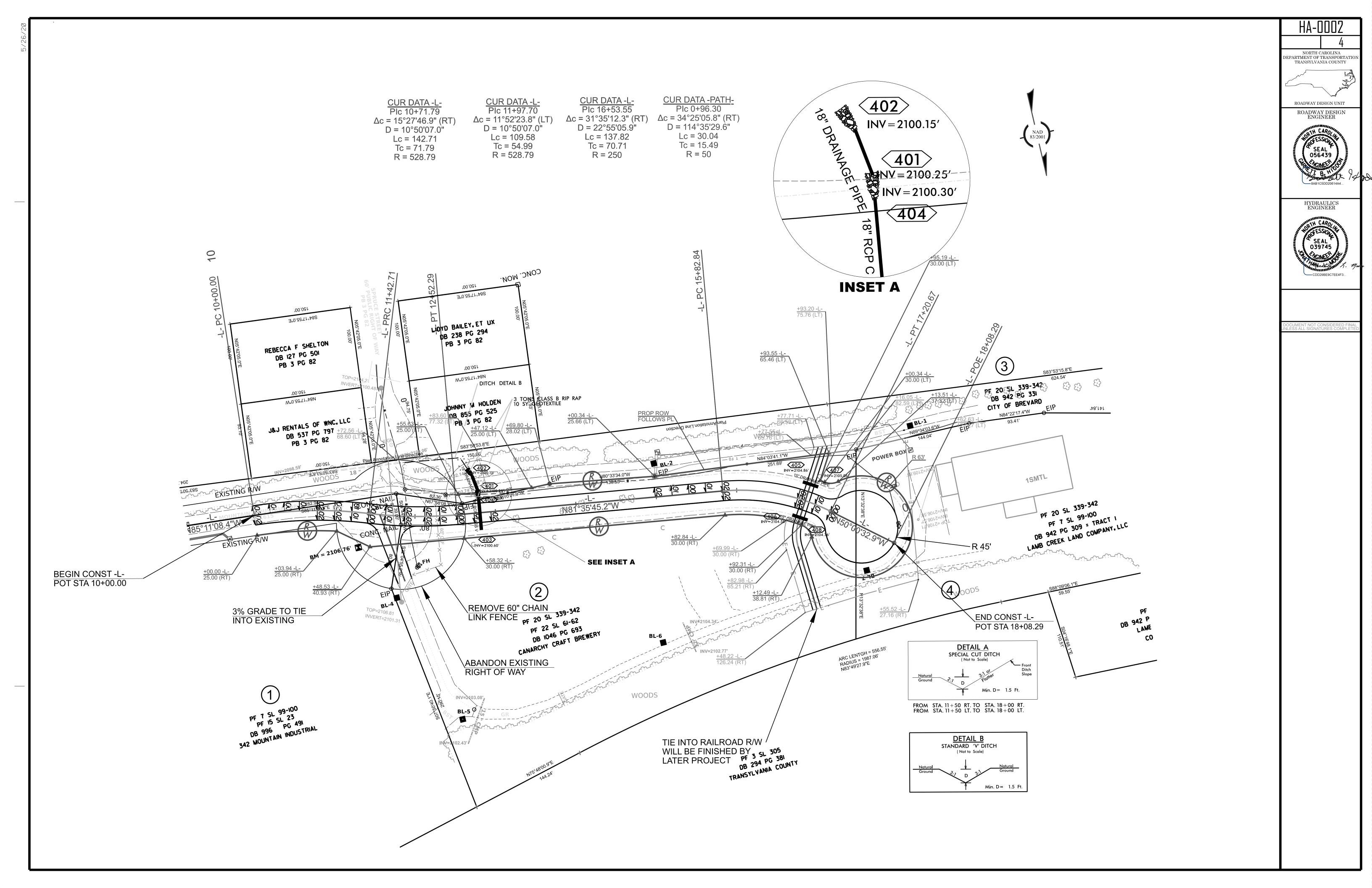
STATION		SIRUCIORE INC.	LEVATION	l elevation	l elevation	: CRITICAL	CLAS: JNLESS N	S V R.C. F OTED OT	PIPE HERWISE)		BIT	UMINOUS (UNLESS	COATED	C.S. PIPE OTHERWI	TYPE B SE)			(CLASS	OR	PIPE E, TYPE IR			STD. 5 STD. 6 STD. 6 (UN NC	WALLS 838.01, 838.11 DR 838.80 ILESS DTED RWISE)	FOR DR	* TOTAL L.F. FOR PAY	STD. 840.02	AND	E, GRATES HOOD RD 840.03	STD. 840.15 STD. 840.16	ర్ ర	840.19 OR 840.28 GRATE STD. 840.22	RATES	TWO GRATES		NO. & SIZE "B" C.Y. STD 840.72		C.B. N.D.I D.I. G.D.I G.D.I	DROP INLET I. GRATED DROP INLET I. (N.S.) GRATED DROP INLET (NARROW SLOT)	
SIZE THICKNESS OR GAUGE	FROM	ТО	TOP EI	INVERT	INVER1	12″ 12″	15" 18"	24" 30"	36" 42"	48" 12" 79 0.	7 15" 18 7 15" 18		30" 620.	36" 620.	42" 60I.	601-	12″ 15	['] 18″ 24	" 30" 36	5" 42" 4	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE 24" SIDE DRAIN PIPE	CU. CU.	م:	ER EACH (0' THRU	0.0' IHKU 10.0' B	C.B. STD. 840.01 OR	TYPE C	OF GRATE	D.I. STD. 840.14 OR D.I. FRAME & GRATE	D.I. TYPE "A" STD. D.I. TYPE "B" STD.	° STD.	D.I. FRAME WITH D.I. (N.S.) FRAME	.I. (N.S.) FRAME 5TD. 840.31 OR			ONC. & BRICK	M.H. T.B.D T.B.J.		
-L- 12 + 77.84 -L- 12 + 80.58	.T 401 CL 403			2100.25′ 2100.60′			40'											20′							_															
-L- 16 + 86.14 -L- 16 + 86.84	.T 407 RT 408			2105.06′ 2104.76′													20 ⁴ 20 ⁴																							
										+																														
TOTALS							40′										40'	20′																						

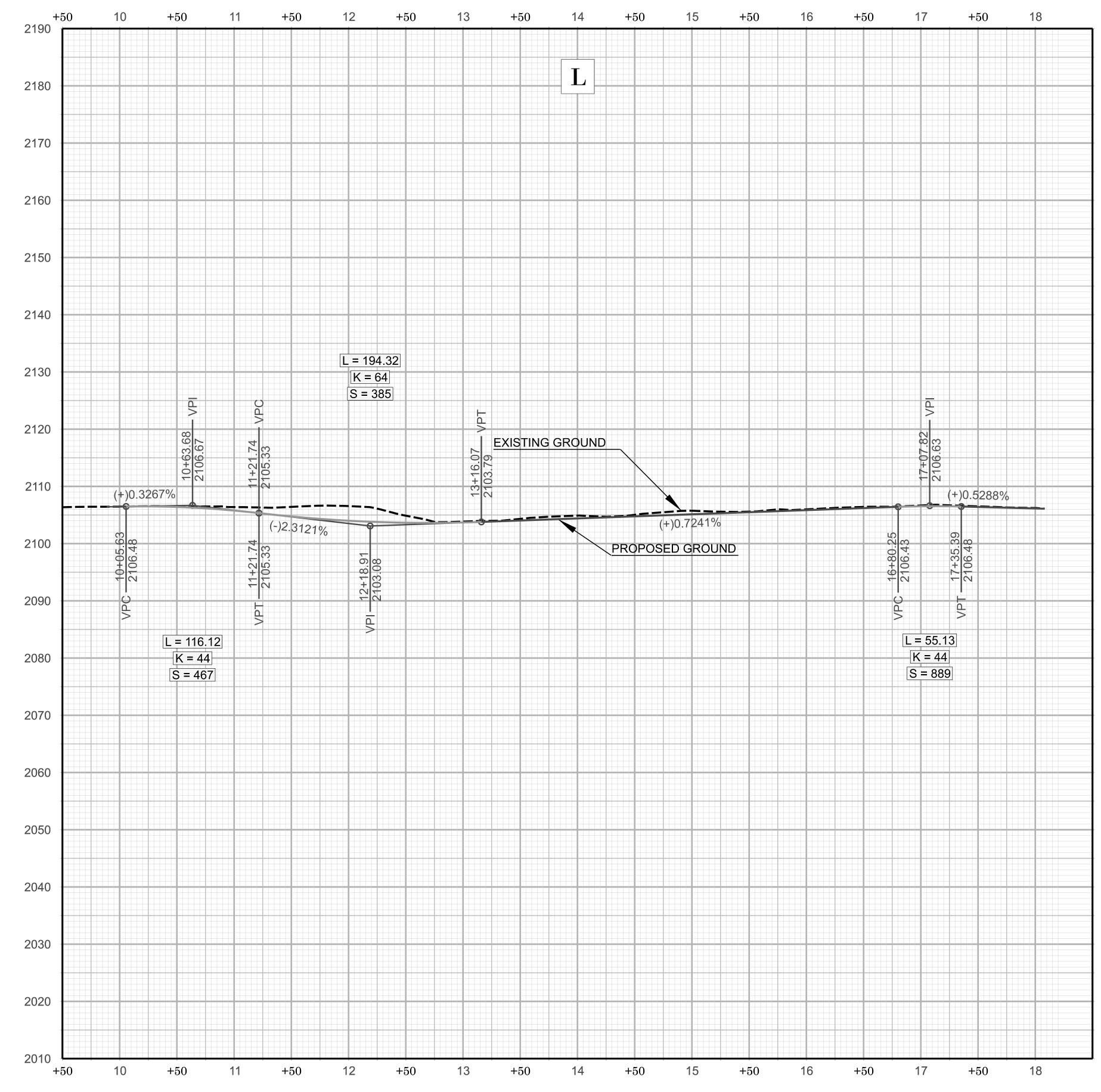
REMOVAL OF ASPHALT PAVEMENT

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	YD ²
-L-	10+00.00	12+62.00	CL	1300
			TOTAL:	1300
			SAY:	1300

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & UNDER)

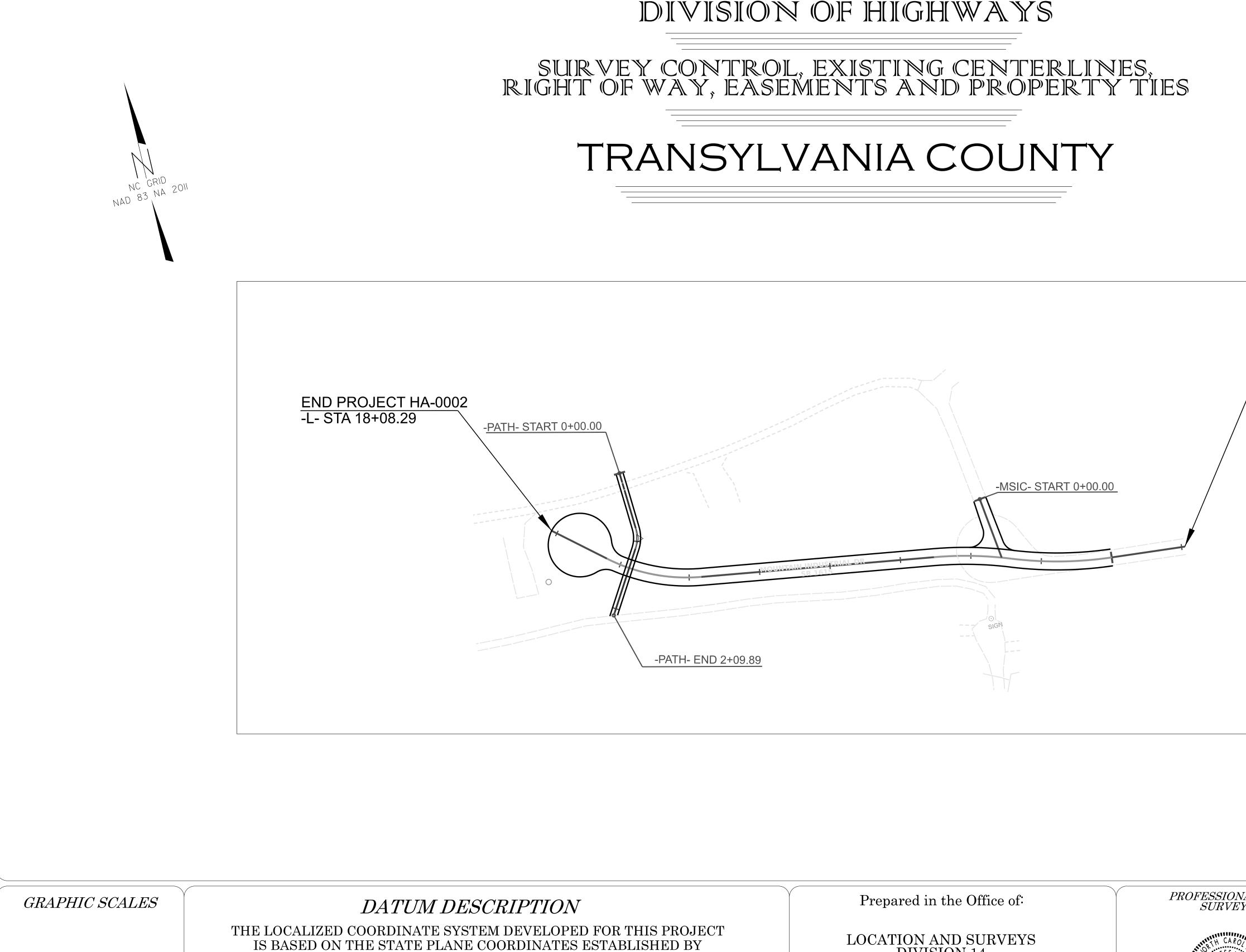






	HA-0002
	NORTH CAROLINA
	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
2190	
	ROADWAY DESIGN UNIT
2180	ROADWAY DESIGN
2100	TH CAROLINE
	NONDERRINEER HORDESSION SEAL 056439 CHOMESCON CONTRACTOR CON
2170	En connect St
	8AB1C5DD20614A4
2160	HYDRAULICS ENGINEER
	UNITED CAROL
2150	ENGINEER WHORTH CAROL OFESSION SEAL 039745
2440	CDD298E9C7EE4F3
2140	
2130	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
2120	
2110	
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2040	
2030	
2020	
2010	

50' 25' 0 50' 100'



NCDOT FOR MONUMENT G101 WITH NAD 83/NA 2011 STATE PLANE GRID COC NORTHING: 567753.5250' EASTING: 89253 ELEVATION: 2107.34' THE AVERAGE COMBINED GRID FACTOR USED O (GROUND TO GRID) IS: 0.99977671 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZO VERTICAL DATUM USED IS NAVD

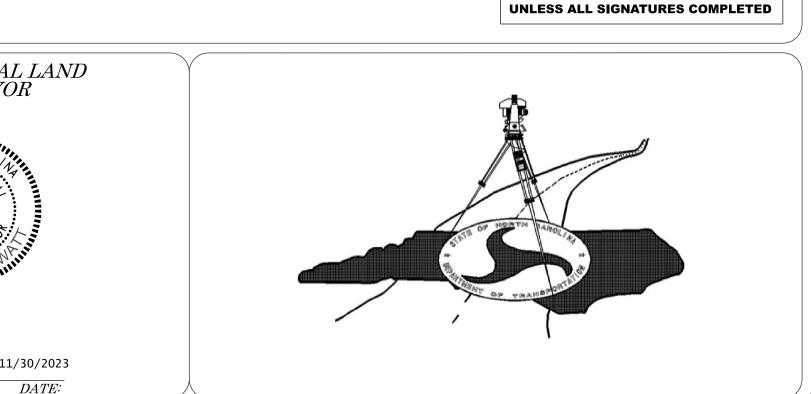
STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

	Prepared in th	ne Office of:	PROFESSIONA SURVEYO
D FOR THIS PROJECT ESTABLISHED BY	LOCATION AN DIVISIO		TH CAROLING
ORDINATES OF 32.7220'	122 BONNI SYLVA, No		SEAL L-4727
ON THIS PROJECT	2024 STANDARD	SPECIFICATIONS	
73 ONTAL DISTANCES 88	RIGHT OF WAY DATE: 	<i>LETTING DATE: JANUARY 23, 2024</i>	Brian Barwatt 11 SIGNATURE:

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
$\mathbb{N}_{\mathbb{C}}$	HA-0002	RWOI	5

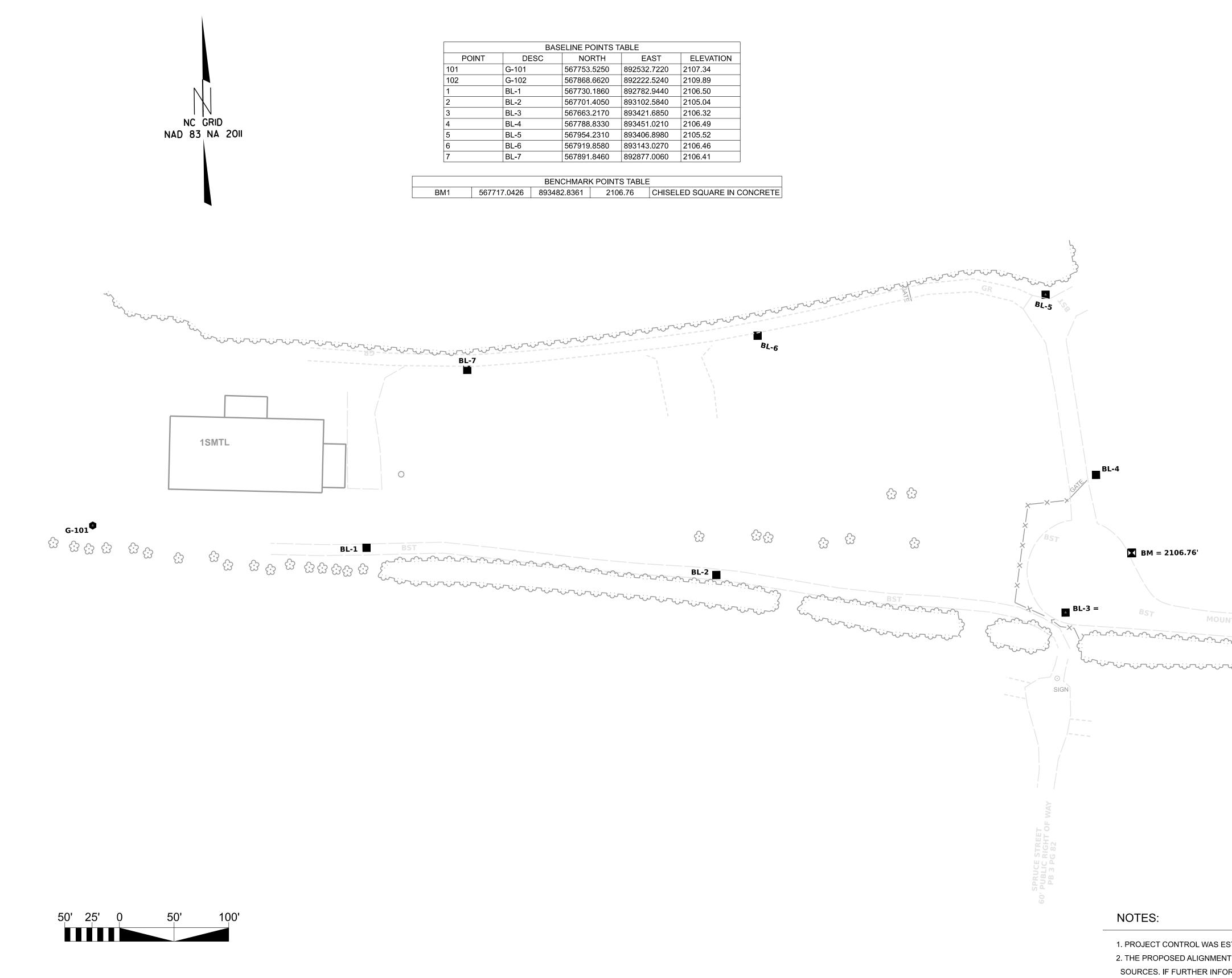


BEGIN PROJECT HA-0002 -L- STA 8+95.29



DOCUMENT NOT CONSIDERED FINAL

SURVEY CONTROL SHEET W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION





BASI	ELINE POINTS TA	ABLE	
0	NORTH	EAST	ELEVATION
	567753.5250	892532.7220	2107.34
	567868.6620	892222.5240	2109.89
	567730.1860	892782.9440	2106.50
	567701.4050	893102.5840	2105.04
	567663.2170	893421.6850	2106.32
	567788.8330	893451.0210	2106.49
	567954.2310	893406.8980	2105.52
	567919.8580	893143.0270	2106.46
	567891.8460	892877.0060	2106.41

I, BRIAN BARWATT, PLS, CERTIFY THAT THE PROJECT CONTROL WAS VERIFIED UNDER MY SUPERVISION FROM AN ACTUAL GPS SURVEY MADE UNDER MY SUPERVISION AND THE FOLLOWING INFORMATION WAS USED TO PERFORM THE SURVEY:

CLASS OF SURVEY: AA TYPE OF GPS FIELD PROCEDURE: VRS DATES OF SURVEY: 12/01/2021 DATUM/EPOCH: NAD 83/NA 2011 PUBLISHED/FIXED-CONTROL USE: N/A LOCALIZED AROUND: G101 NORTHING: 567753.5250' EASTING: 89532.7220' COMBINED GRID FACTOR: 0.9997767173 GEOID MODEL: G18US UNITS: U.S. SURVEY FEET

I ALSO CERTIFY THAT THE BASELINE CONTROL FOR THIS PROJECT WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT ALL HORIZONTAL CLOSURES HAD A MINIMUM RATIO OF PRECISION OF 1:20,000 (CLASS AA) AND VERTICAL ACCURACY TO CLASS A. FIELD WORK WAS PERFORMED IN DECEMBER OF 2021, AND ALL COORDINATES ARE BASED ON NAD 83/2011 AND ALL ELEVATIONS ARE BASED ON NAVD 88; THAT THIS SURVEY WAS PERFORMED TO MEET THE REQUIREMENTS OF 21NCAC 56.1600 AS APPLICABLE.

THIS 30th DAY OF NOVEMBER, 2023.

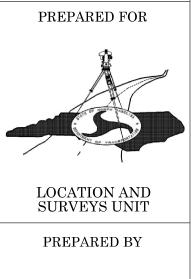
Brian Barwatt

PROFESSIONAL LAND SURVEYOR L-4727

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1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM. 2. THE PROPOSED ALIGNMENT CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.







					PR	ROPOSED ALIGN	MENT: L					
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	Т	R	LT	ST
START	8+95.29	567639.4705	893703.6284	N85°11'08.4"W	104.7136							
PC	10+00.00	567648.2588	893599.2843	N77°27'14.9"W	142.2775	15°27'46.9"	10°50'07.0"	142.7102	71.7914	528.7895		
PRC	11+42.71	567679.1644	893460.4041	N75°39'33.3"W	109.3838	11°52'23.8"	10°50'07.0"	109.5798	54.9868	528.7895		
PT	12+52.29	567706.2575	893354.4287	N81°35'45.2"W	330.5520							
PC	15+82.84	567754.5690	893027.4262	N65°48'09.0"W	136.0845	31°35'12.3"	22°55'05.9"	137.8232	70.7117	250.0000		
PT	17+20.67	567810.3478	892903.2983	N50°00'32.9"W	87.6258							
END	18+08.29	567866.6619	892836.1641									

	PROPOSED ALIGNMENT: PATH											
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	Т	R	LT	ST
START	0+00.00	567923.9371	892948.3394	S03°11'22.2"E	80.8161							
PC	0+80.82	567843.2462	892952.8359	S14°01'10.7"W	29.5860	34°25'05.8"	114°35'29.6"	30.0356	15.4863	50.0000		
PT	1+10.85	567814.5414	892945.6686	S31°13'43.6"W	99.0335							
END	2+09.89	567729.8575	892894.3240									

	PROPOSED ALIGNMENT: MISC											
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	Т	R	LT	ST
START	0+00.00	567771.3042	893436.3844	S07°19'25.7"E	88.3352							
END	0+88.34	567683.6896	893447.6451									

PROPOSED ALIGNMENT CONTROL SHEET

NOTES:

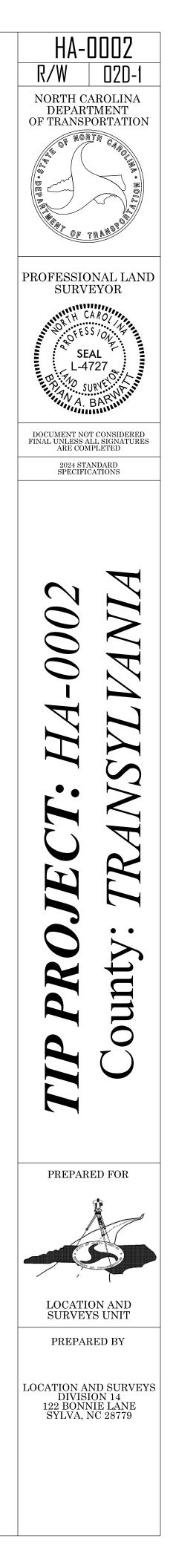
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM. 2. THE PROPOSED ALIGNMENT CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

I, BRIAN BARWATT, PLS, CERTIFY THAT THE DATA COMPILED CAME FROM AVAILABLE SURVEYS/MAPPING PERFORMED BY OTHERS AND PROVIDED TO ME BY NCDOT AND DO NOT CERTIFY TO THE ACCURACY OR QUALITY OF THE INDIVIDUAL DATA SOURCES.

THIS 30th DAY OF NOVEMBER, 2023.

Brian Barwatt

PROFESSIONAL LAND SURVEYOR L-4727



PERMANENT ROW MARKER IRON PIN AND CAP: L									
STATION	OFFSET	NORTH	EAST						
10+00.00	25.00	567673.1706	893601.3825						
11+03.94	25.00	567691.0949	893504.1548						
11+48.53	40.93	567719.7019	893468.6913						
12+55.63	-25.00	567682.0143	893347.4698						
12+58.32	30.00	567736.8167	893352.8477						
13+47.12	-25.00	567695.3855	893256.9647						
13+69.80	-28.02	567695.7159	893234.0823	EIP					
15+00.34	-25.66	567717.1301	893105.2957	EIP					
15+82.84	30.00	567784.2469	893031.8108						
16+92.31	30.00	567818.4142	892942.5618						
16+93.55	-65.46	567739.6729	892888.5807						
16+95.19	-30.00	567770.0390	892906.9919						
17+00.34	-30.00	567773.4602	892902.0316						
17+12.49	38.81	567835.7316	892933.6086						
17+13.51	-37.32	567776.5653	892885.6880						

RIGHT OF WAY CONTROL SHEET

NOTES:

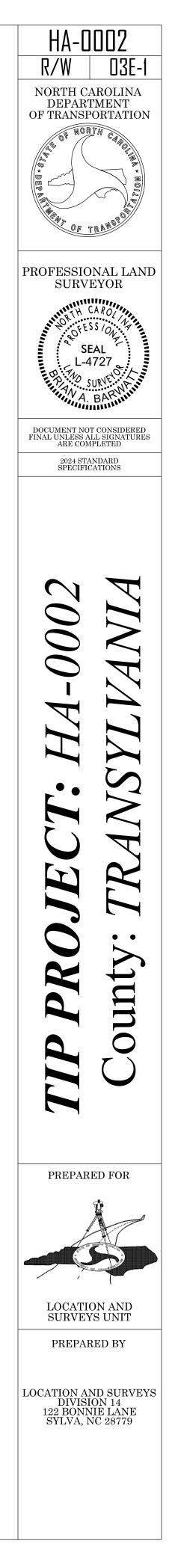
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT. 2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

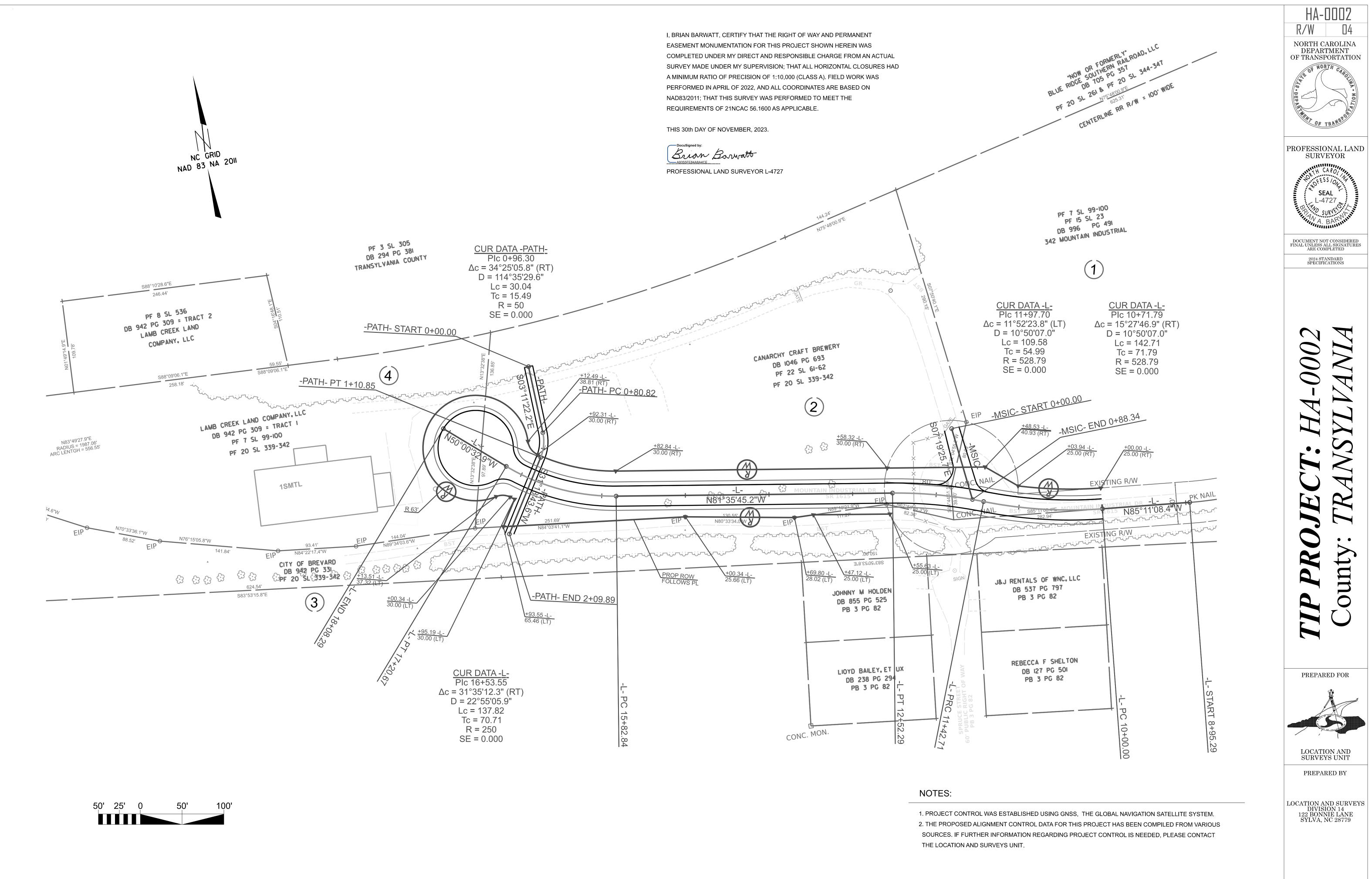
I, BRIAN BARWATT, CERTIFY THAT THE RIGHT OF WAY AND PERMANENT EASEMENT MONUMENTATION FOR THIS PROJECT SHOWN HEREIN WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT ALL HORIZONTAL CLOSURES HAD A MINIMUM RATIO OF PRECISION OF 1:10,000 (CLASS A). FIELD WORK WAS PERFORMED IN APRIL OF 2022, AND ALL COORDINATES ARE BASED ON NAD83/2011; THAT THIS SURVEY WAS PERFORMED TO MEET THE REQUIREMENTS OF 21NCAC 56.1600 AS APPLICABLE.

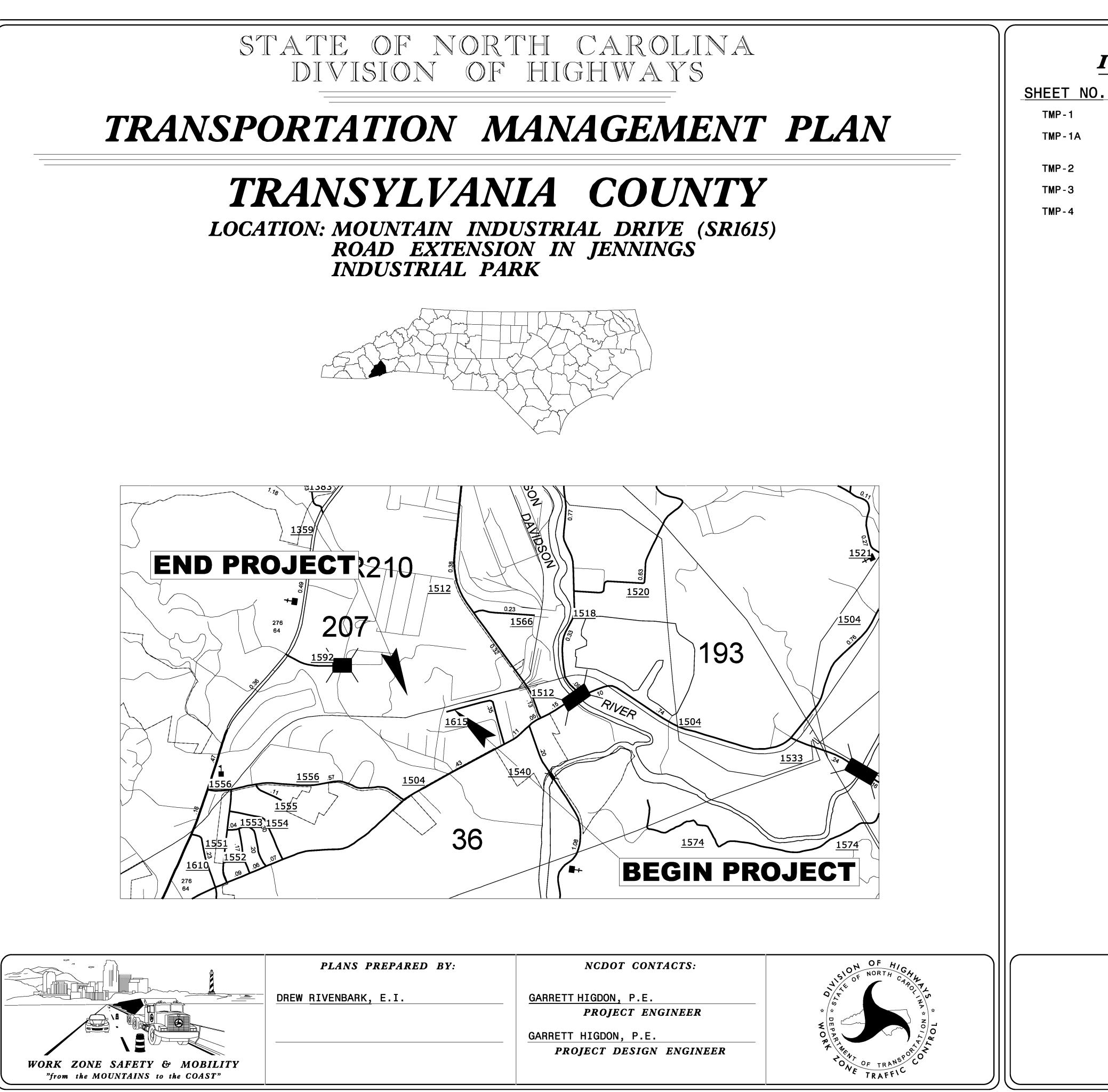
THIS 30th DAY OF NOVEMBER, 2023.

Brian Barwatt

PROFESSIONAL LAND SURVEYOR L-4727







INDEX C	OF SHEETS	SHEET NO. TMP-1
LIST OF APPL AND LEGEND	TITLE , VICINITY MAP, AND INDEX OF SHEE .ICABLE ROADWAY STANDARD DRAWINGS RAFFIC CONTROL PHASING	
	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED APPROVED: June Constitution Marcal Constitut	TIP PROJECT:

ROADWAY STANDARD DRAWL

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAW N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDE A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01 1101.02 1101.03 1101.04 1101.05 1101.06 1101.11 1110.01 1110.02 1115.01 1135.01 1135.01 1145.01 1150.01 1160.01	WORK ZONE ADVANCE WARNING SIGNS TEMPORARY LANE CLOSURES TEMPORARY ROAD CLOSURES TEMPORARY SHOULDER CLOSURES WORK ZONE VEHICLE ACCESSES WARNING SIGNS FOR BLASTING ZONES TRAFFIC CONTROL DESIGN TABLES STATIONARY WORK ZONE SIGNS PORTABLE WORK ZONE SIGNS FLASHING ARROW BOARDS DRUM CONES BARRICADES FLAGGING DEVICES TEMPORARY CRASH CUSHION WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEA
1165.01 1170.01 1180.01 1205.01	POSITIVE PROTECTION SKINNY-DRUM PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTI-LANE R
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMPS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACIN
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPO
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLAT
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND
1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

12/20/2023 U:\ext-dcrivenbark|\Mountain Industria|Drive\Work Zone Traffic Contro|\HA0002_TMP.c

VINGS	LEGEND
PRAWINGS" -	
Y 2024	GENERAL
IDERED	DIRECTION OF TRAFFIC FLOW
	EXIST. PVMT.
	NORTH ARROW
	PROPOSED PVMT.
	TEMP. SHORING (LOCATION PURPOSES ONLY)
	WORK AREA
	REMOVAL
INEATION	
6	SIGNALS
NE ROADWAYS	$\bigcirc EXISTING \bigcirc PROPOSED \bigcirc E_M TEMPORARY$
	EXISTING OPROPOSED OF TEMPORARY
	PAVEMENT MARKINGS
AGES	EXISTING LINES
	TEMPORARY LINES
ACING EMPORARY	TEMPORARY PAVEMENT N
LATION SPACING	
	DocuSigned by:
	APPROVED: 200001404
	DATE:
	SEAL SEAL
	SEAL E 056
	DOCUMENT NOT CONSIDERED UNLESS ALL SIGNATURES COM

		PROJ. REFERENCE NO.	SHEET NO.
	l	HA-0002	TMP-1A
TRAFF	IC CONTROL DEVICES		
	BARRICADE (TYPE III)		
	CONE		
	DRUM 🔘 SKINNY DRUM 🎯 T	UBULAR MARKER	
-~~	TEMPORARY CRASH CUSHION		
	FLASHING ARROW BOARD		
•	FLAGGER		
	LAW ENFORCEMENT		
	TRUCK MOUNTED ATTENUATOR (TMA	۹)	
	CHANGEABLE MESSAGE SIGN		
TEMPO	RARY SIGNING		
PORT	ABLE SIGN		
⊢ stat	IONARY SIGN		
b stat	IONARY OR PORTABLE SIGN		
PAVEM	ENT MARKERS		
CRY	STAL/CRYSTAL		
CRY	STAL/RED		
VEL	LOW/YELLOW		

PAVEMENT MARKING SYMBOLS

PAVEMENT MARKING SYMBOLS

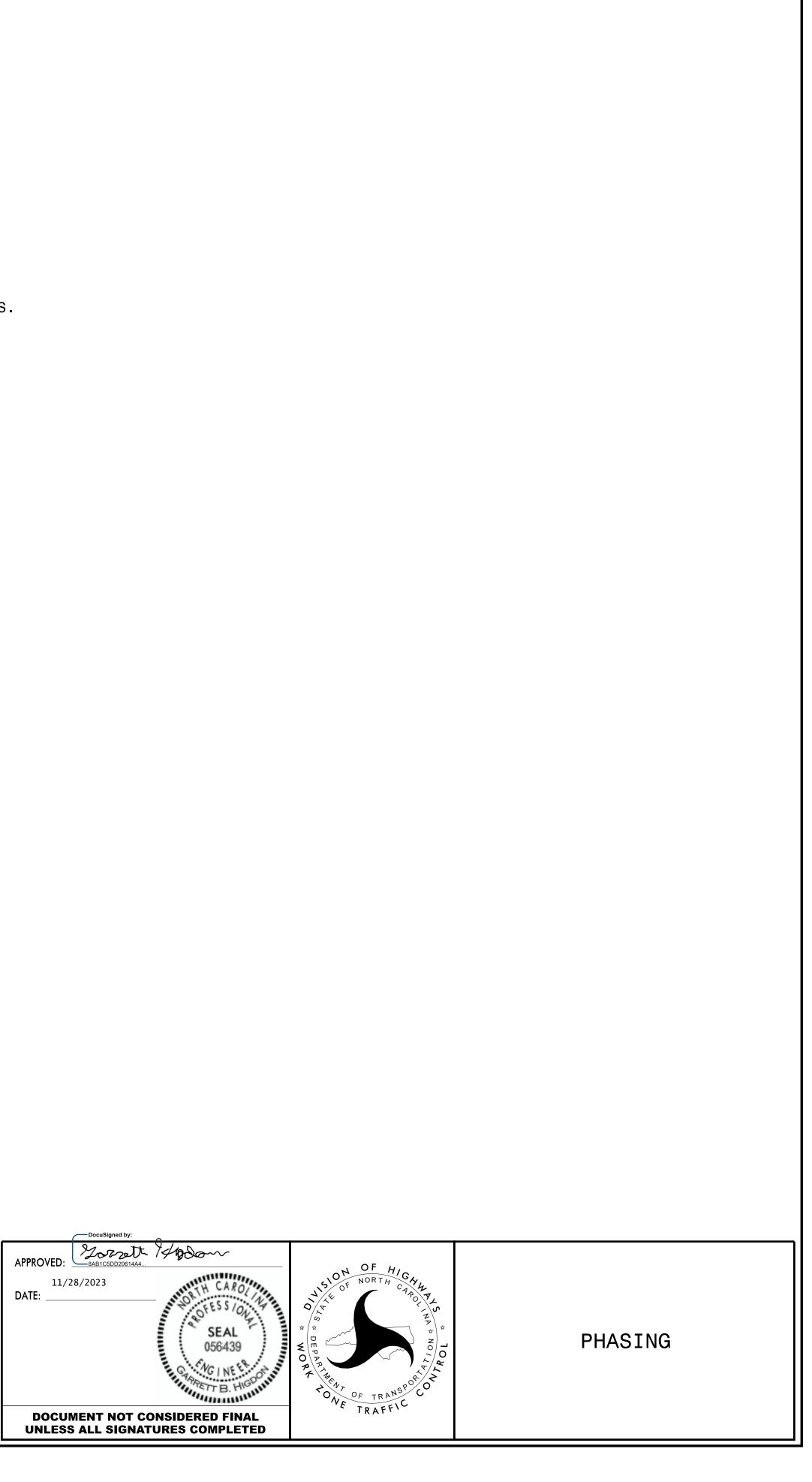
MARKING



ROADWAY STANDARD DRAWINGS & LEGEND

PHASING

STEP 1 (TMP-3)
REPLACE DRAINAGE PIPE UNDER WALKING PATH AS SHOWN ON PLANS.
STEP 2 (TMP-4)
CONSTRUCT SR 1615 BEGINNING WITH END OF PROJECT.

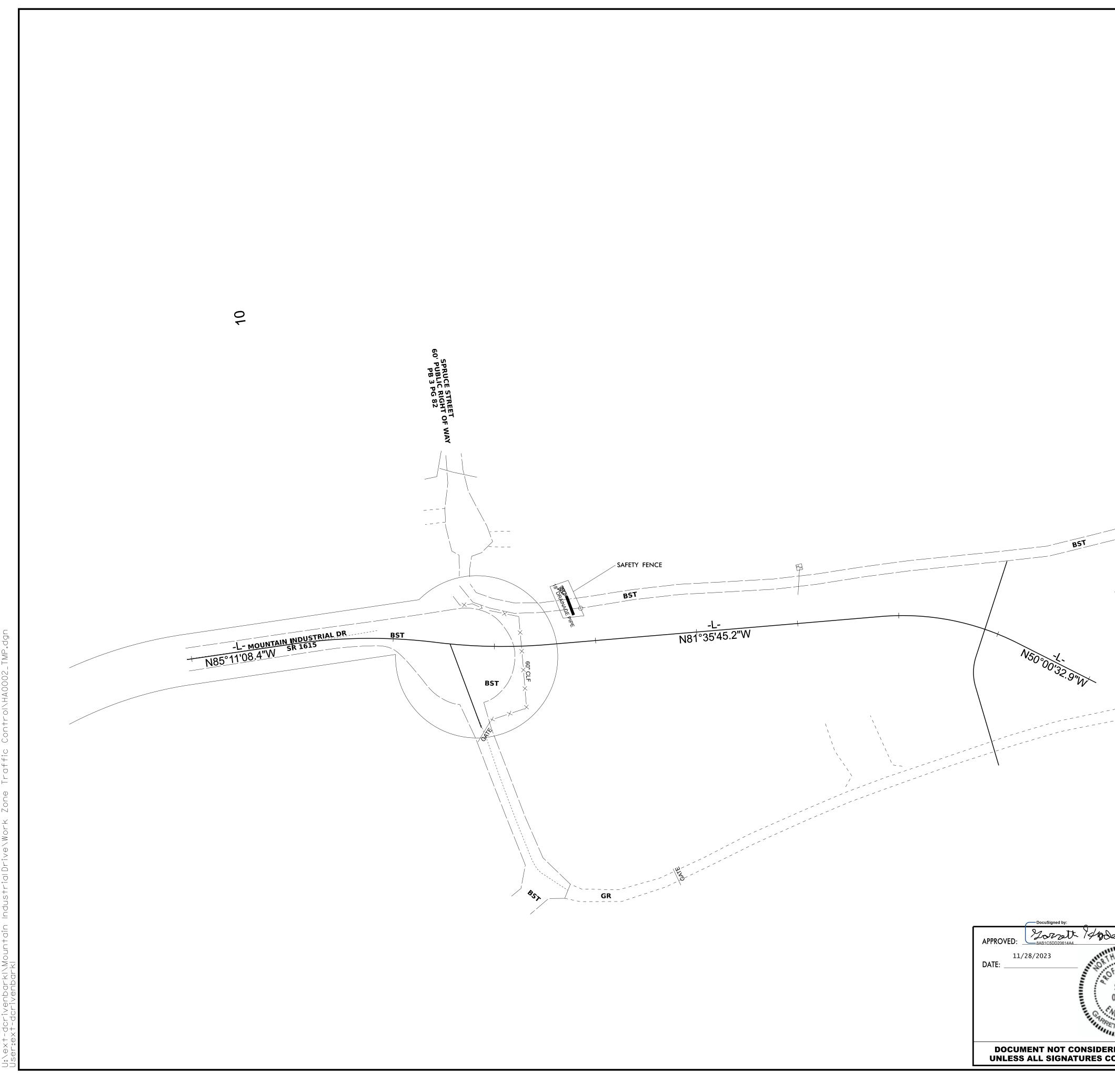


PROJ. REFERENCE NO.

HA-0002

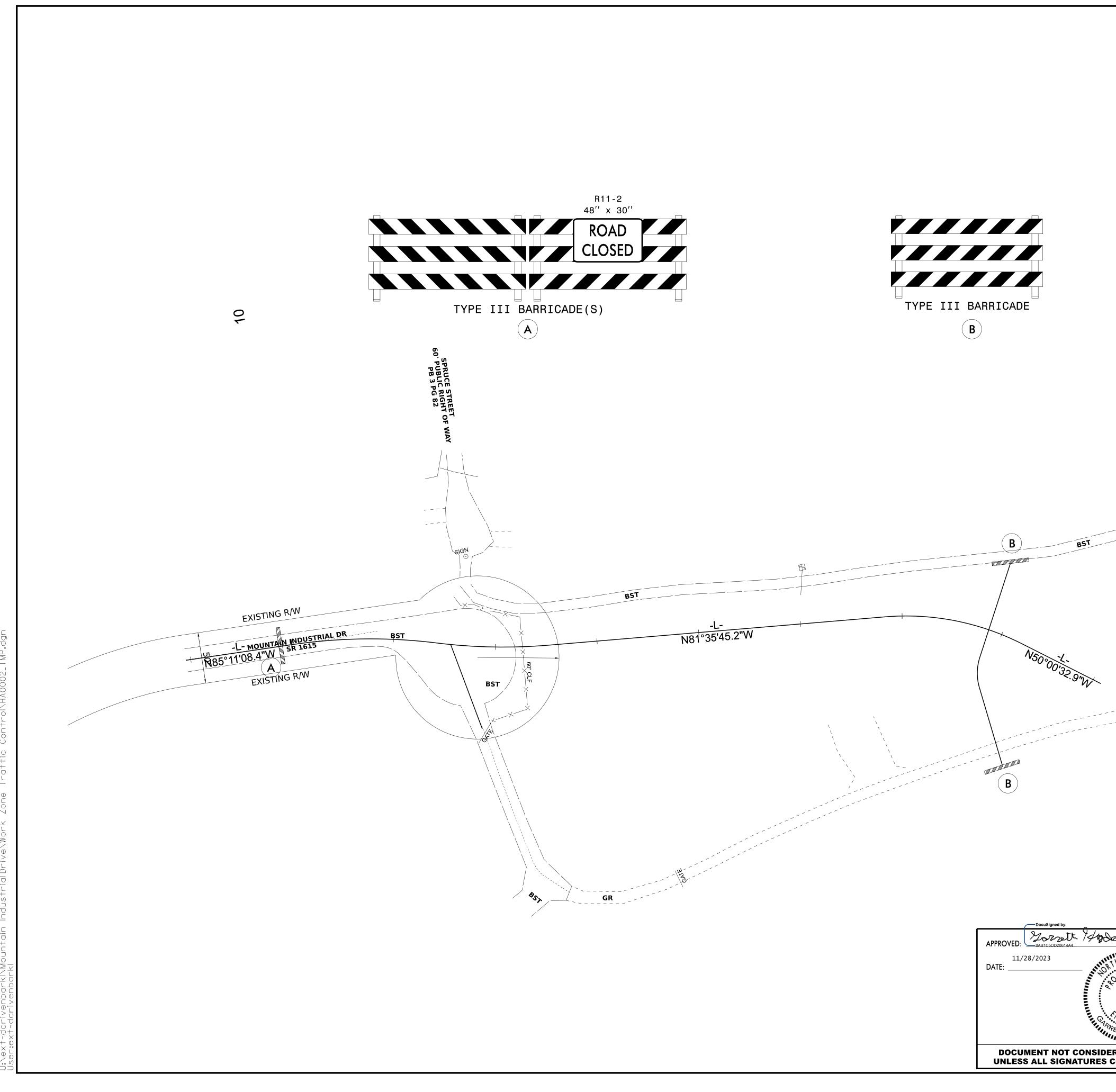
SHEET NO.

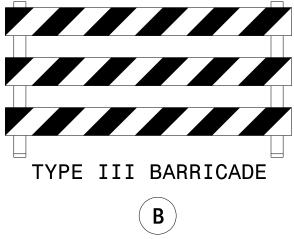
TMP-2



17/20 \ext-

	proj. reference no. HA - 0002	sheet no. TMP - 3
dam		
OF H/O		
SEAL 056439 MGINE RED FINAL RED FINAL		
	PHASE 1	
TONE TRANSPORT		
ERED FINAL COMPLETED		





	PROJ. REFERENCE NO.	SHEET NO.
	HA-0002	TMP-4
OF H,		
ACTION OF HIGH SEAL 056439 MG INE HIGO RED FINAL COMPLETED		
OFESSION THE OFESSION		
	PHASE 2	
NGINEER ON THE PROPERTY OF THE		
RETT B. HIGUMM		
ERED FINAL COMPLETED		

PROJECT: HA-0002			
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			INDEX
	SHEET NUME	E	BER
	PMP-1		
	PMP-2		
	GENERAL NOTES:		
	CHANGES MAY BE DRAWINGS, STAN TO MEET FIELD C OVERLAPPING OF SUPPLEMENTING ENGINEER.	ND CO F I	ARD D NDITIC DEVIC
	THE FOLLOWING THE CONSTRUCT OR DIRECTED BY	٦I	ON PRO
67	PAVEMENT MARKING	G	S AND
070	A) TIE PROPOSED P LINES.)	AVEMEN
ONC	B) REMOVE/REPLAC MARKERS BY THE		
RACT: DN00767	C) PLACE TWO APPI SURFACE. PLACE TIME OF THE FIRS	Ξ	THE SE
AC			
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CONT			
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STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

PAVEMENT MARKING PLAN

TRANSYLVANIA COUNTY

ARKINGS

SIONS IN THE DETAIL ILS ARE NOT ATTAINABLE E OR UNDESIRED UDE: MOVING, ES AS DIRECTED BY THE

S FOR THE DURATION OF WISE NOTED IN THE PLAN

NG PAVEMENT MARKING

EMENT MARKINGS AND

KINGS ON THE FINAL WEARING T UPON SUFFICIENT DRYING ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" -N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD.NO. TITLE

1205.01	PAVEMENT MARKINGS - LINE TYPES AI
1205.02	PAVEMENT MARKINGS - TWO LANE AN
1205.07	PAVEMENT MARKINGS - PEDESTRIAN

PAVEMENT MARKINGS

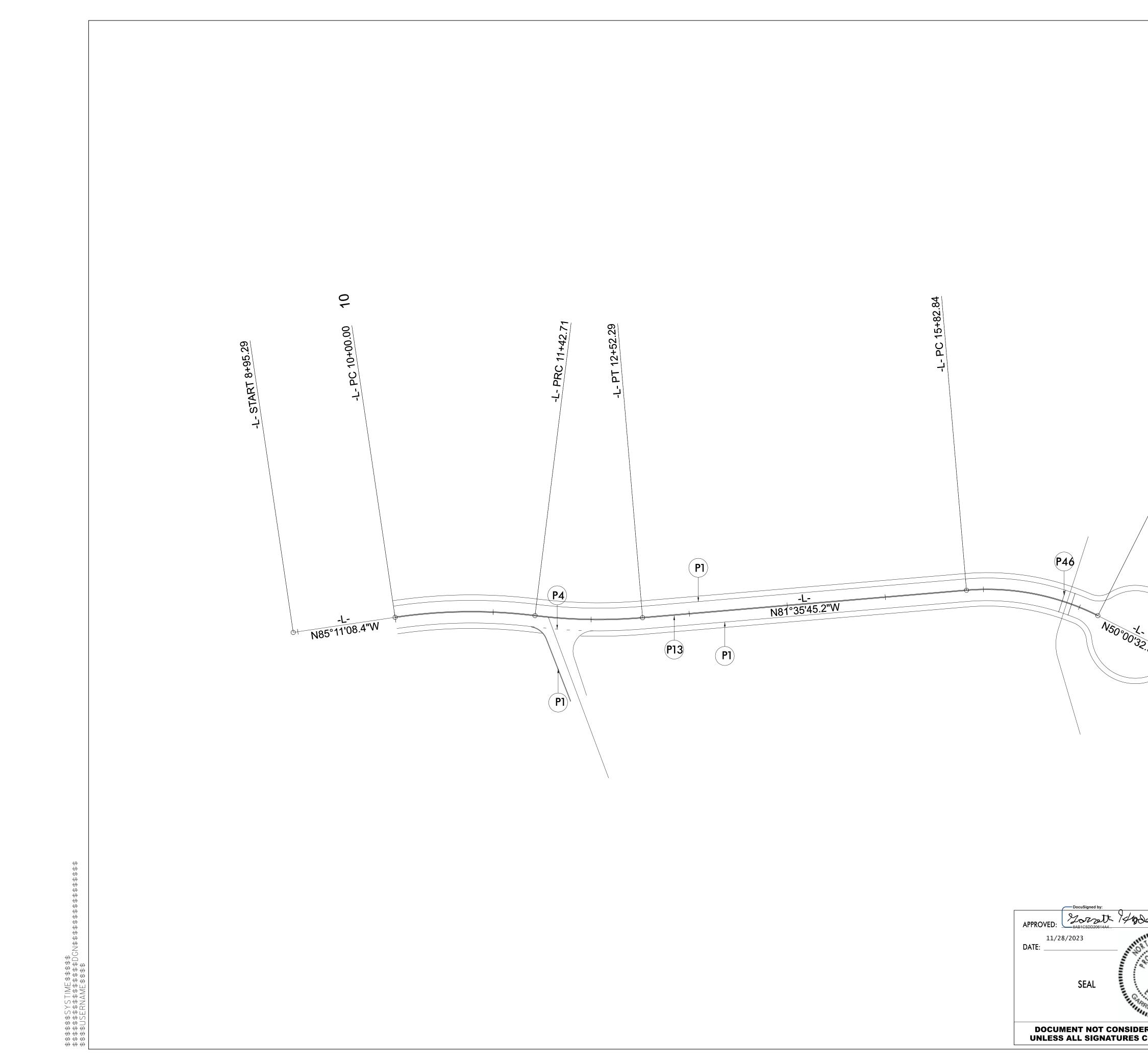
SYMBC)L	DESCRIPTIO
P1 P4 P13 P46	YELLOW DO	ELINE (4") SP WHITE MIN UBLE CENTER SSWALK LINE

STATE	STATE	PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	H	A = 0002	PMP-1	2
STATE PROJ. NO.		F. A. PROJ. NO.	DESCRIPTION	
49759.1.1		0SS132	PE	
49759.2.1		0SS132	R/W	
49759.3.1		0SS132	CONSTRU	CTION

AND OFFSETS ND MULTILANE ROADWAYS N CROSSWALKS

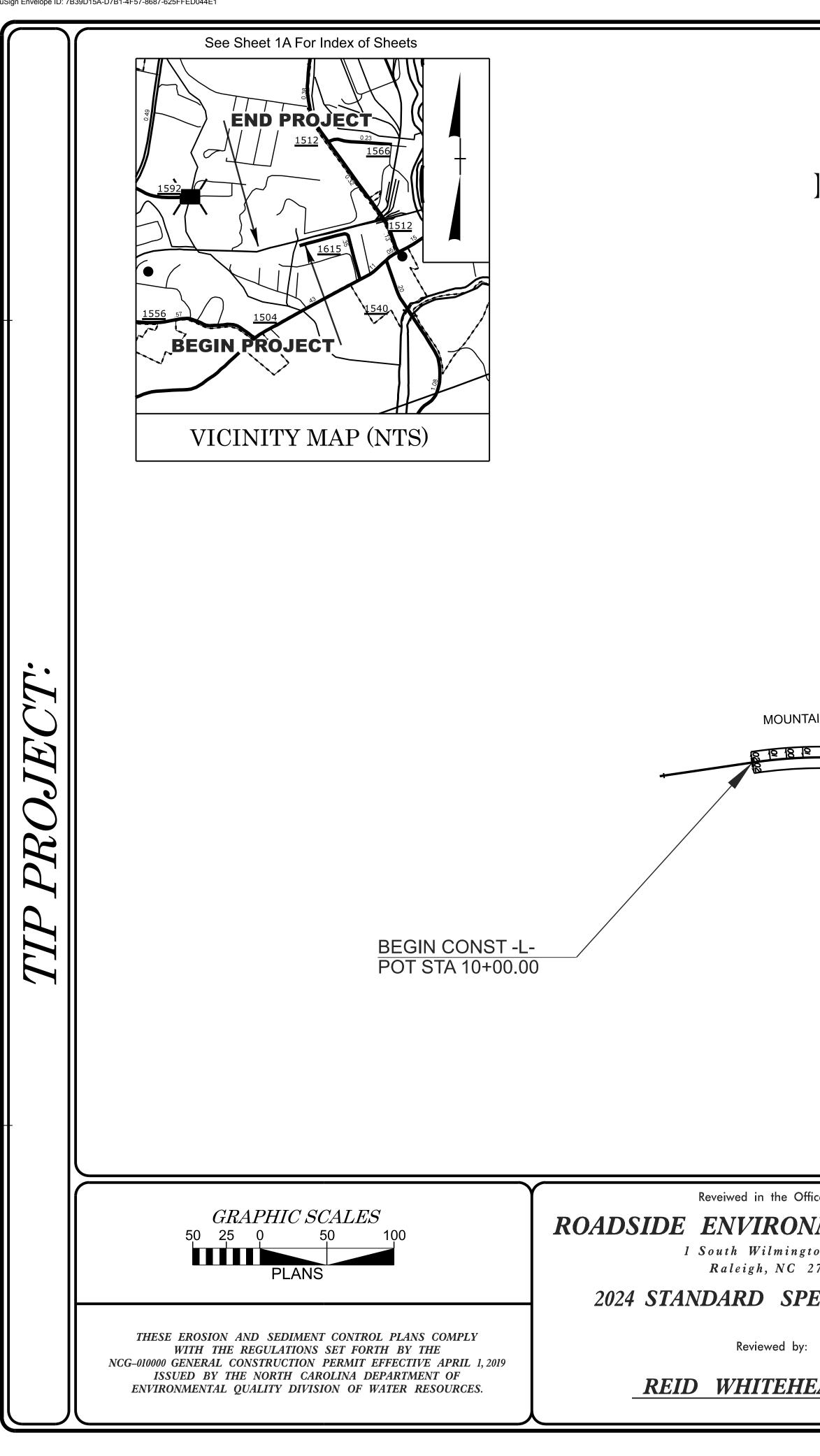
ΟN

MINISKIP (4") FER (4") NE (8")



HA0002 PMP.dgn 1/23/2023 11:29:17 AM

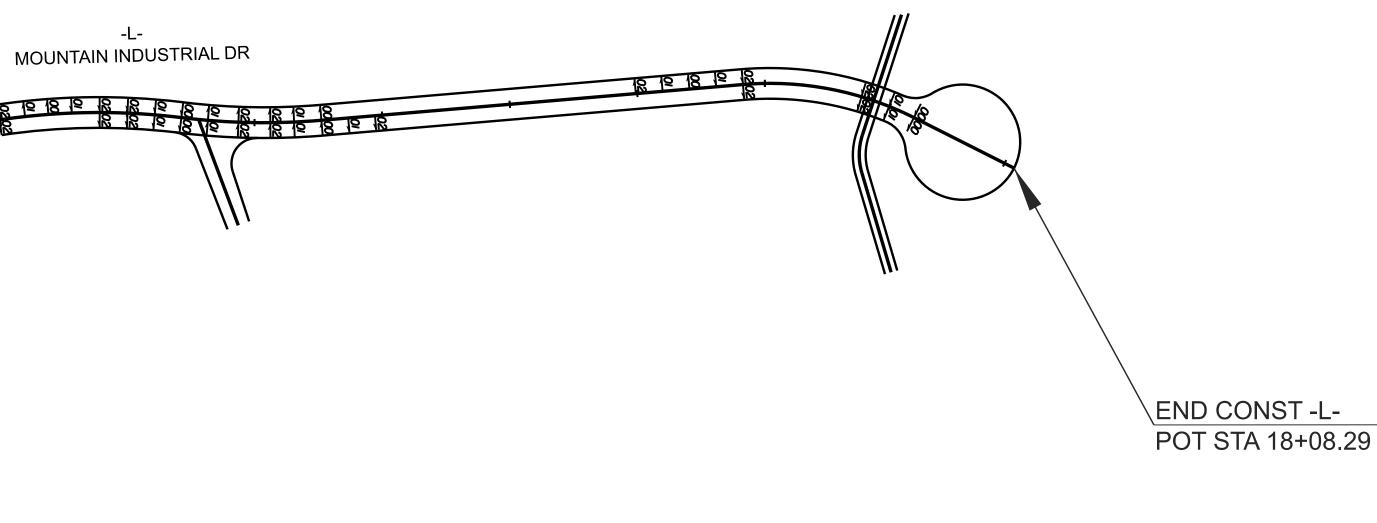
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62:00 10-7 1/2 10-7 1/2 10-7 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2		
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$\sum_{i=1\\i=1\\i=1\\i=1\\i=1\\i=1\\i=1\\i=1\\i=1\\i=1\\$	PAVEMENT	
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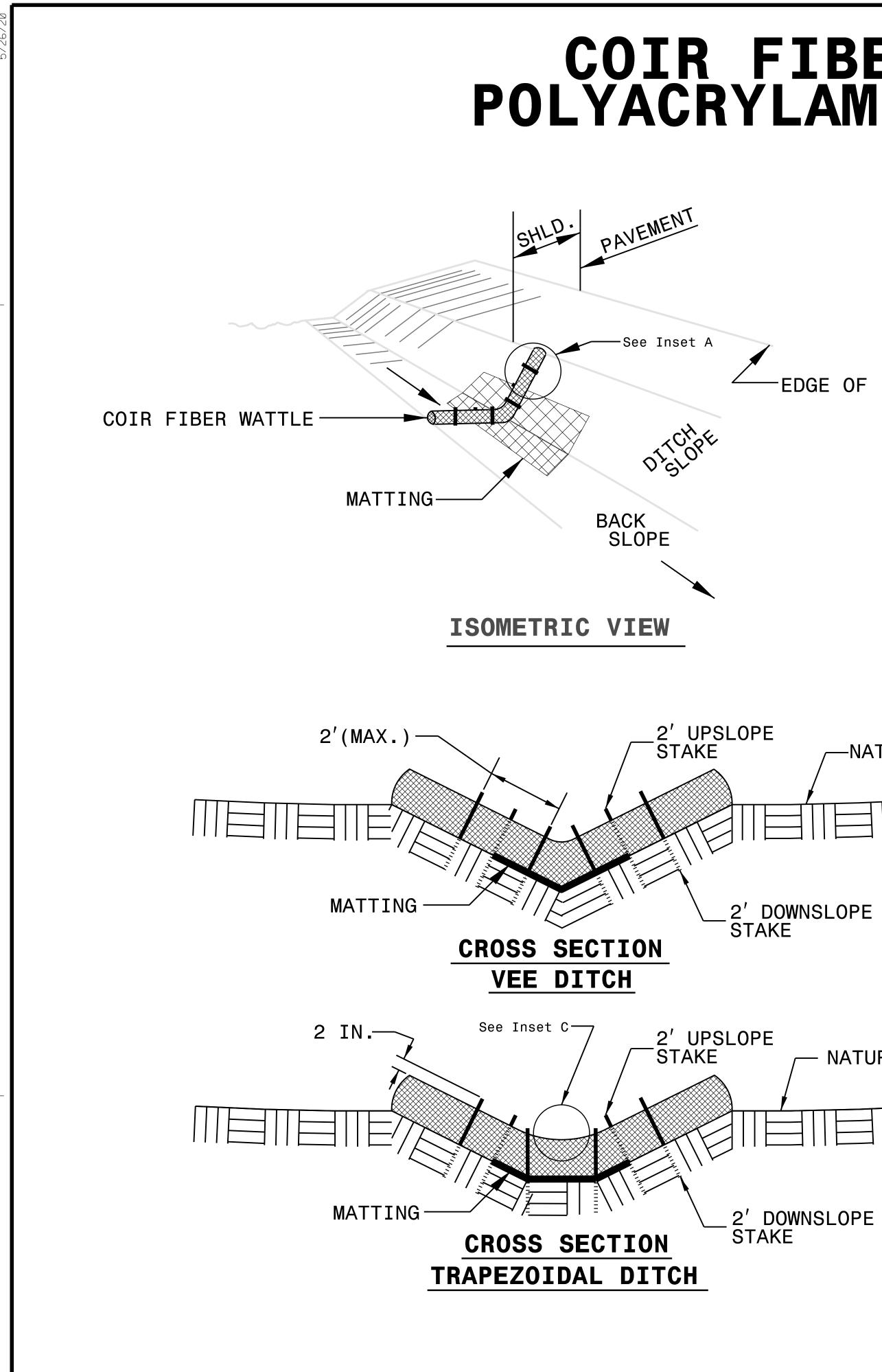
LOCATION: *MOUNTAIN INDUSTRIAL DRIVE (SR1615)* ROAD EXTENSION IN JENNINGS INDUSTRIAL PARK TYPE OF WORK: *GRADING, PAVING, DRAINAGE*



ice of:	Prepared in the Office of:		
on St.	TT DIVISION OF HIGHWAY 253 WEBSTER RD.		
7611	SYLVA , NC, 2877	9	
ECIFICATIONS	2018 STANDARD SPEC	CIFICATIONS	
	Designed by:		
EAD, PE	DREW RIVENBARK, EI	4342	
	NAME	EVEL III CERTIFICATION NO.	

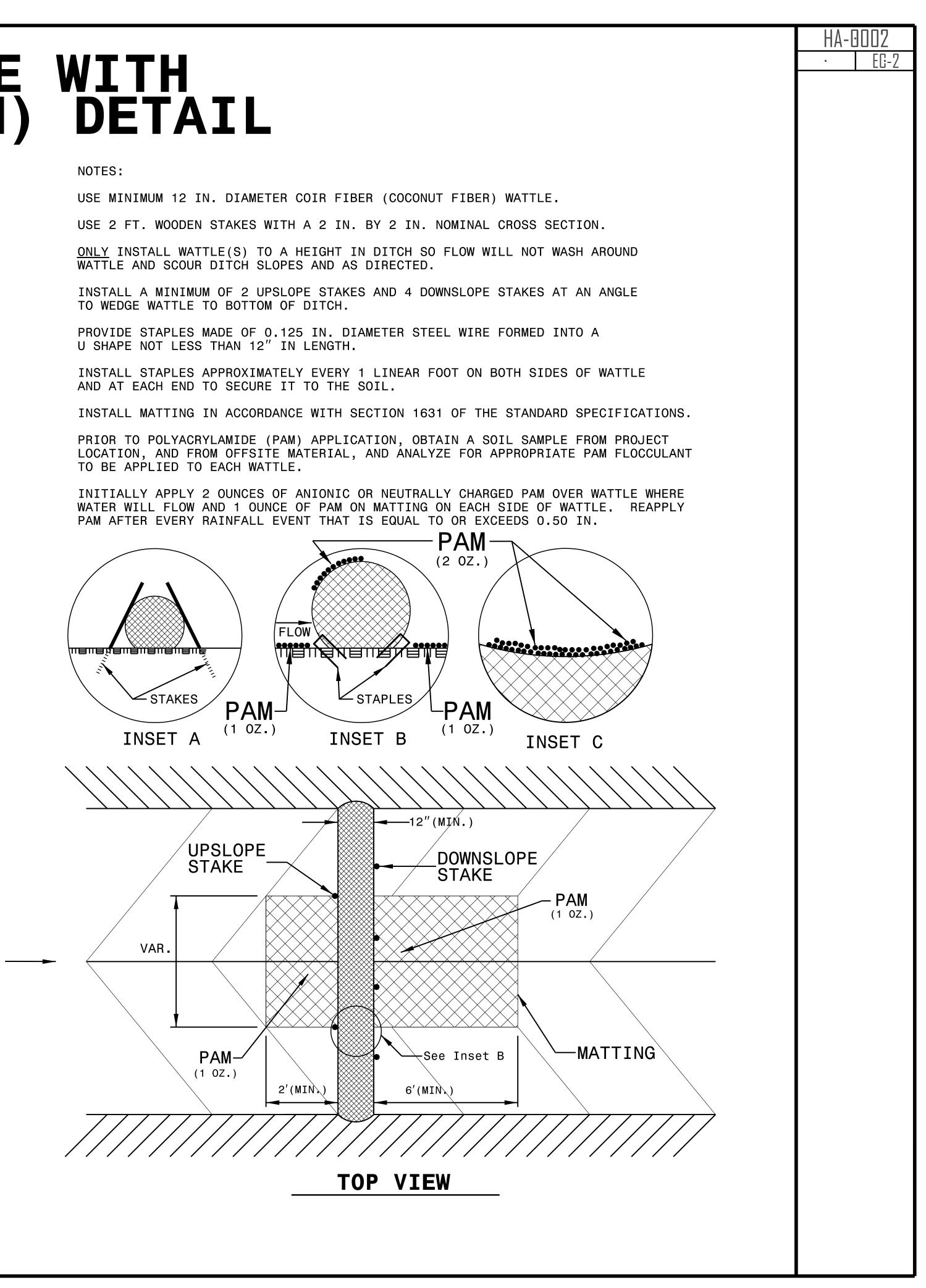
STATE	STAT	E PROJECT REFERENCE NO.		SHEET NO.	TOTAL SHEETS
$\mathbb{N}_{\mathbb{C}}$		HA-0002][(6)
STA	TE PROJ. NO.	F. A. PROJ. NO.		DESCRIPT	TION
	9759.1.1	00SS132		PE	
	9759.2.1	00SS132			
	9759.3.1	00SS132		DNSTRL	
				P C -	
EROSIC	ON AND S	EDIMENT CONTR	lor	MEAS	URES
<u>Std.</u> #	Description			<u>Symbol</u>	l
1630.03		lt Ditch			
1630.05 1605.01		iversion			► ₩
1606.01	Special Sedim	ent Control Fence	\sim	\sim	\sim
1622.01 1630.02		erms and Slope Drains			
1633.01		vpe B .ock Silt Check Type-A.			$\overline{\mathbf{x}}$
	Temporary R	ock Silt Check Type-A		<u>XX</u> 2	\sim
	Matting and	Polyacrylamide (PAM)		(🖾	∞
1633.02		.ock Silt Check Type-B. Fiber Wattle			BW
		· Fiber Wattle		·····)	CPW
	with Polyacry	ylamide (PAM)			. ()
1634.01 1634.02		.ock Sediment Dam Type .ock Sediment Dam Type		00003	
1635.01		.ock Sediment Dam Type- nlet Sediment Trap Type-			1
1635.0 2	Rock Pipe In	nlet Sediment Trap Type-	B	U L	"
1630.04	-	D			\leq
1630.06		ng Basin ediment Trap:		X	
1632.01		ediment I rap:		Δ	
1632.02				1 18	
1632.03	Туре С.			C	
	Skimmer Basi	in			F
	Tiered Skimi	mer Basin	[
	Infiltration B	Basin	لا		
		THIS PROJECT EROSION CON			
		FOR CLEARI			
		GRUBBING			
		CONSTRU		JN.	
.29					
		DOCUMENT NO			
		DOCUMENT NO UNLESS ALL SIG			
Roadway Standard Drawings					
The following roadway english standard Unit – N. C. Department of Transportatio revison thereto are applicable to this p	n – Raleigh, N. (C., dated January 2024 and	d the	latest	esign
these plans.	. ,			·	
1604.01 Railroad Erosion Control Detail 1605.01 Temporary Silt Fence		2.01 Rock Inlet Sediment T 2.02 Rock Inlet Sediment T			

1605.01 1606.01 1607.01 1622.01 1630.01 1630.02	Railroad Erosion Control Detail Temporary Silt Fence Special Sediment Control Fence Gravel Construction Entrance Temporary Berms and Slope Drains Riser Basin Silt Basin Type B Temporary Silt Ditch Stilling Basin Temporary Diversion	1632.02 1632.03 1633.01 1633.02 1634.01 1634.02	Rock Inlet Sediment Trap Type A Rock Inlet Sediment Trap Type B Rock Inlet Sediment Trap Type C Temporary Rock Silt Check Type A Temporary Rock Silt Check Type B Temporary Rock Sediment Dam Type A Temporary Rock Sediment Dam Type B Rock Pipe Inlet Sediment Trap Type A Rock Pipe Inlet Sediment Trap Type B Coir Fiber Baffle
1630.05			Rock Pipe Inlet Sediment Trap Type B Coir Fiber Baffle Temporary Stream Crossing



COIR FIBER WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL

FLOW



EDGE OF PAVEMENT

-NATURAL GROUND

2' DOWNSLOPE STAKE

NATURAL GROUND EIIE

					DIVISION O ATE OF NO							
SOIL STABILIZATION SUMMARY SHEET MATTING FOR EROSION CONTROL MATTING FOR EROSION CONTROL												
CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)	CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)	
4	- L -	11+50	12+80	LT Pr	120							
<u> </u>	-レ-	11+50	12+80	RT	120							
			SUE	3TOTAL	240							
AISCELLANE OUS	MATTING TO BE INSI	TALLED AS DIRE	CTED BY THE	<u> </u>	5000 5240							
				TOTAL SAY	5250							
				++								
			/									
				<u> </u>								

Soil STA

SITE DESCRIPTION

PERIMETER DIKES, SWALES, DITCHES AND SLOPES

HIGH QUALITY WATER (HQW) ZONES

SLOPES STEEPER THAN 3:

SLOPES 3:1 OR FLATTER

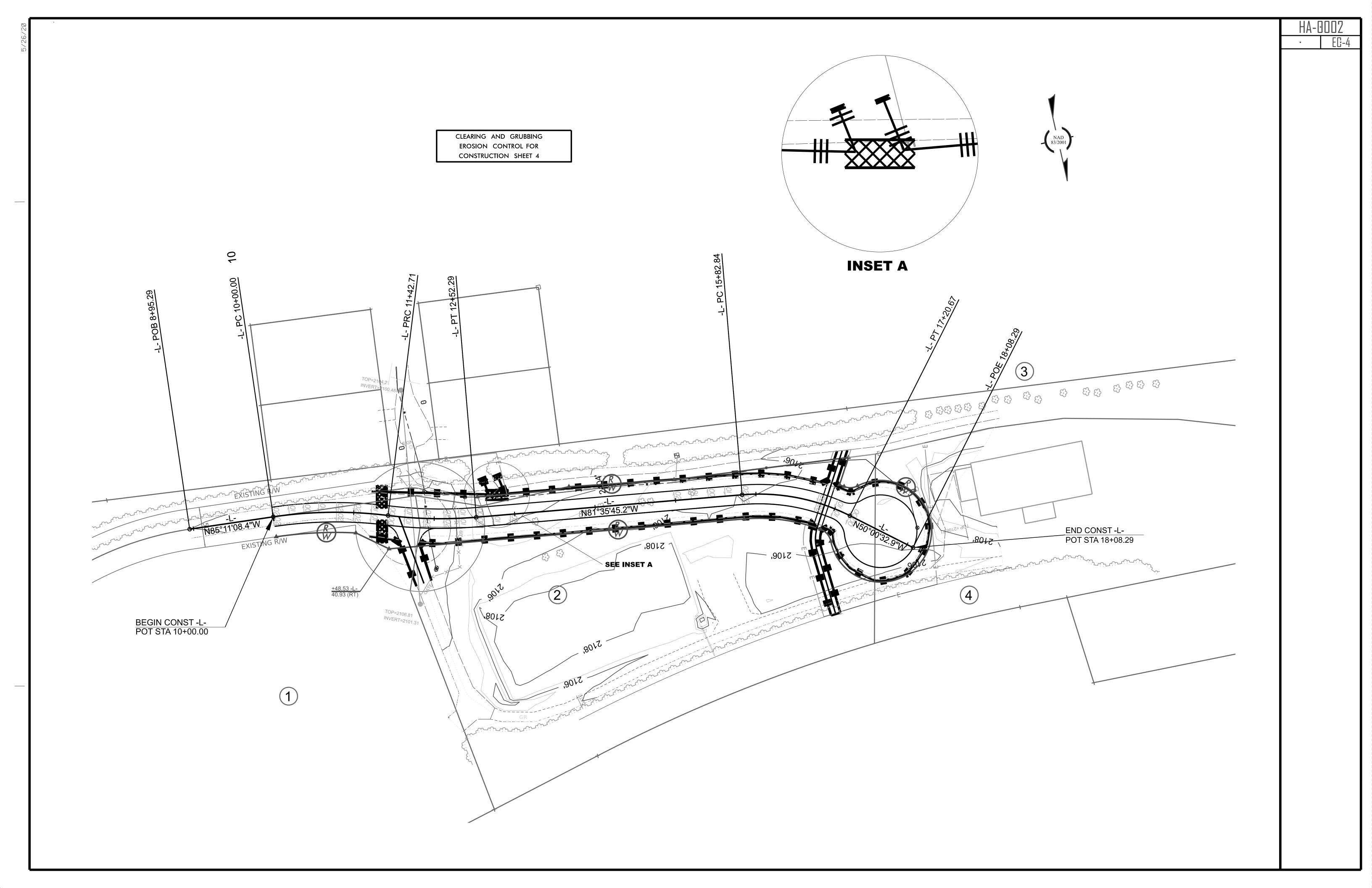
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:

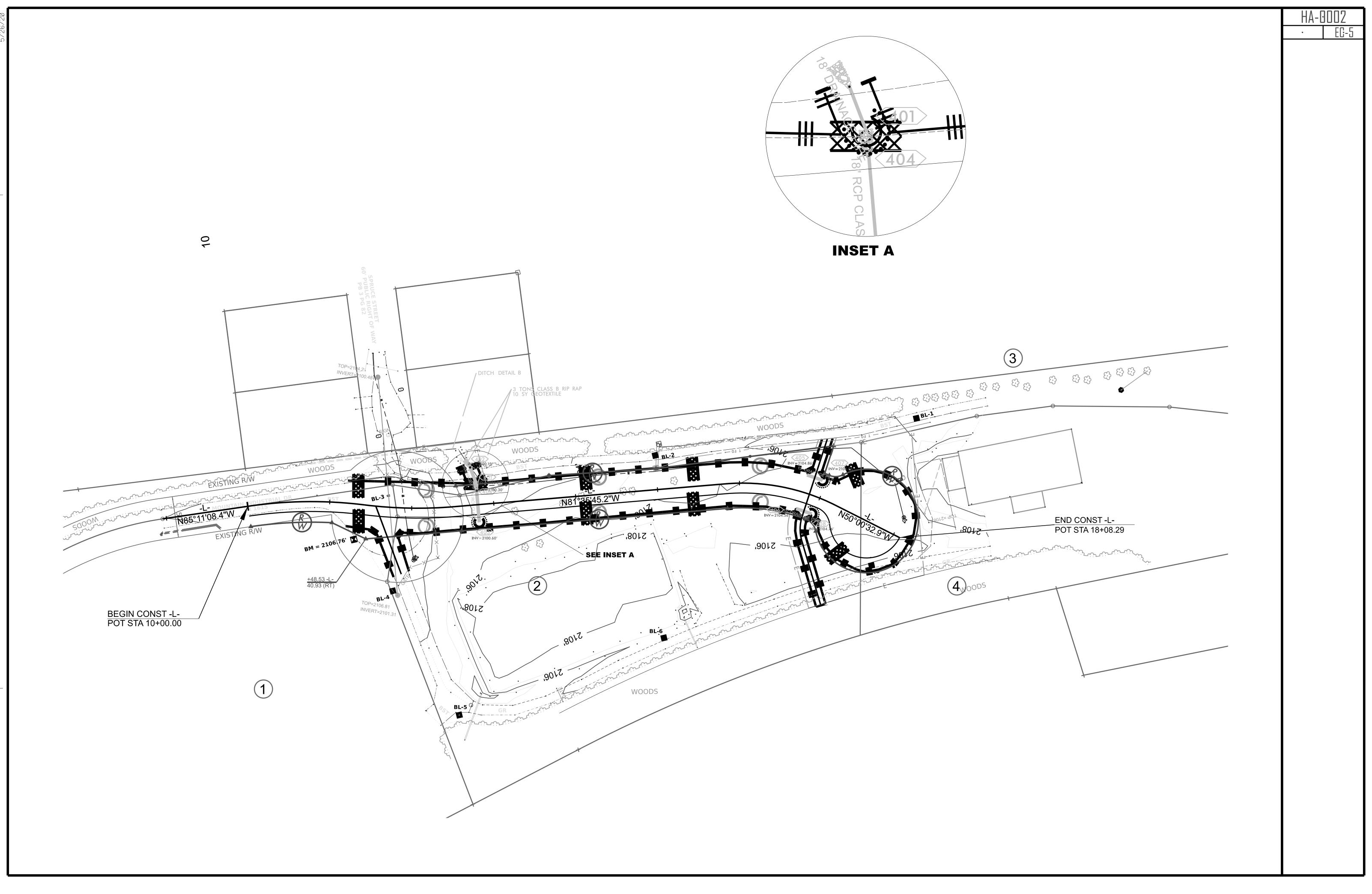
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

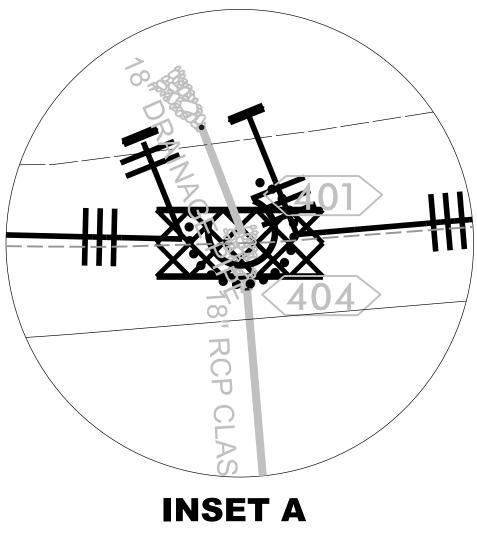
SOIL STABILIZATION TIMEFRAMES

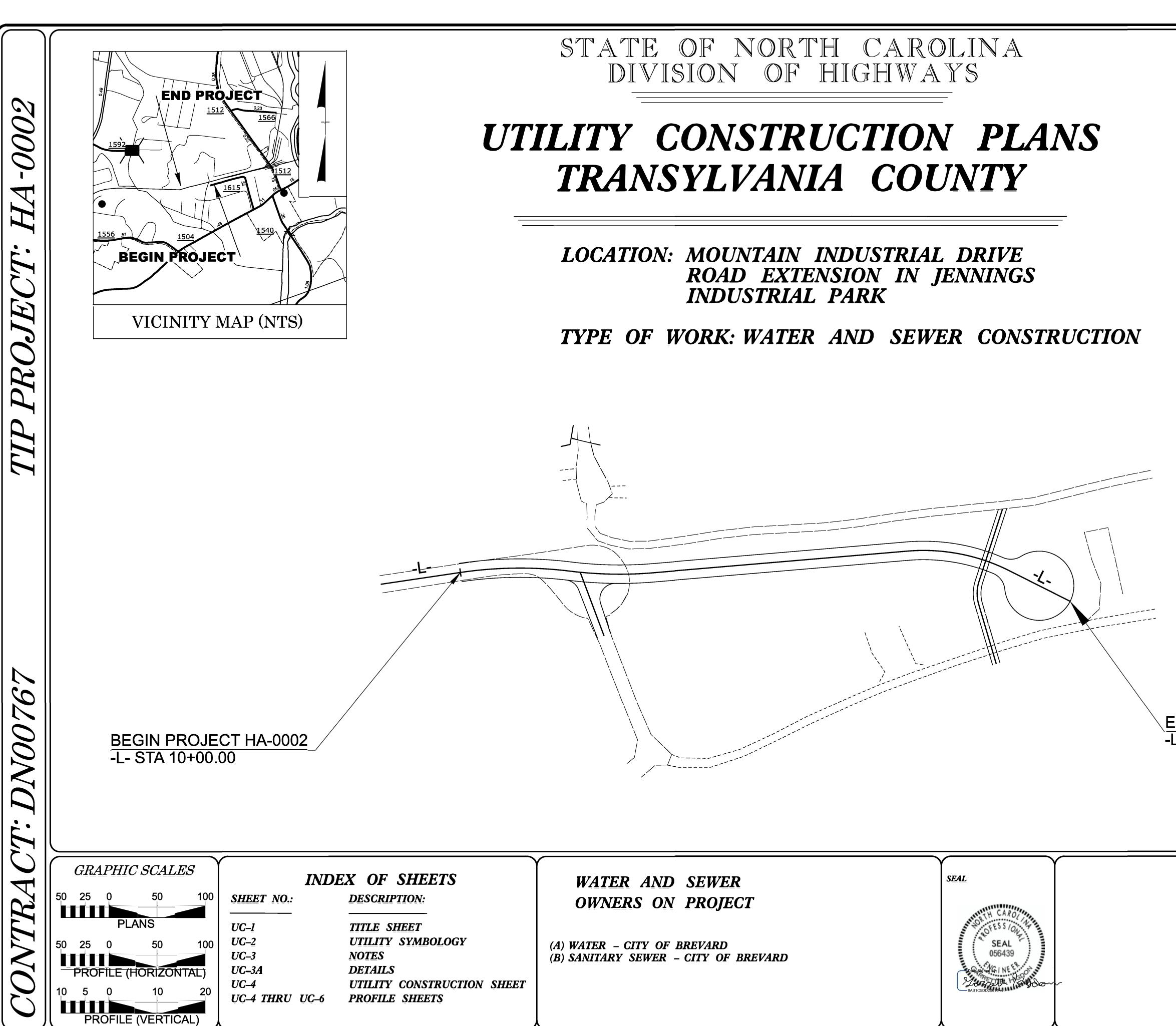
STABILIZATION TIME	TIMEFRAM
7 DAYS	NONE
7 DAYS	NONE
7 DAYS	IF SLOPES ARE IO' OF NOT STEEPER THAN
14 DAYS	7 DAYS FOR SLOPES LENGTH.
14 DAYS	NONE, EXCEPT FOR P

	HA-0002
	• EC <u>+</u> 3A
IE EXCEPTIONS	
R LESS IN LENGTH AND ARE	
2:1, 14 DAYS ARE ALLOWED.	
S GREATER THAN 50' IN	
PERIMETERS AND HOW ZONES.	









STATE	STAT	E PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.		HA-0002	UC-1	7
STATE PROJ. NO.		F. A. PROJ. NO.	DESCRIPTION	
49759.1.1		00SS132	PE	
49759.2.1		00SS132	R/W	
49759.3.1		00SS132	CONSTRUCTION	

1105 AN E8 DAN

END PROJECT HA-0002 -L- STA 18+08.29

DOCUMENT NOT CONSIDERED FINAL **UNLESS ALL SIGNATURES COMPLETED** DIVISION OF HIGHWAYS UTILITIES UNIT 1555 MAIL SERVICES CENTER RALEIGH NC 27699-1555 PHONE (919) 707-6690 FAX (919) 250-4151 **ROBERT GOLDING** DIVISION UTILITY ENGINEER

UTILITIES PLAN SHEET SYMBOLS

PROPOSED WATER SYMBOLS

Water Line (Sized as Shown)
11¼ Degree Bend +++
22½ Degree Bend
45 Degree Bend 🕂
90 Degree Bend
Plug
Tee 🛶
Cross
Reducer
Gate Valve
Butterfly Valve
Tapping Valve
Line Stop
Line Stop with Bypass
Blow Off
Fire Hydrant 💮
Relocate Fire Hydrant
Remove Fire Hydrant • •
Water Meter
Relocate Water Meter
Remove Water Meter
Water Pump Station
RPZ Backflow Preventer
DCV Backflow Preventer
Relocate RPZ Backflow Preventer
Relocate DCV Backflow Preventer

PROPOSED SEWER SYMBOLS

Gravity Sewer Line (Sized as Shown)
Force Main Sewer Line
Manhole (Sized per Note)
Sewer Pump Station

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

UTILITY CONSTRUCTION HA-0002 NORTH CAROLINA EPARTMENT OF TRANSPORTATIO FRANSYLVANIA COUNT UTILITY DESIGN UNIT UTILITY CONSTRUCTION PLANS ONLY SEAL 056439 PROPOSED MISCELLANOUS UTILITIES SYMBOLS Lorg DESIGNED BY: DCR DRAWN BY: DCR CHECKED BY: LAK APPROVED BY: GBH REVISED: UTILITIES ENGINEERING SEC. PHONE:(919)707-6690 FAX:(919)250-4151 - NOTE PAY ITEM EXISTING UTILITIES SYMBOLS er Line ephone Cable ephone Conduit er Optics Telephone Cable Cable er Optics TV Cable … Pipeline A/G Gas Pipeline er Line A/G Water er Line vity Sanitary Sewer Line A/G Sanitary Se vity Sanitary Sewer Line Forced Main Line nown Utility Line Cleanout ilities awn from Record ity Line...

Power Pole	Thrust Block
Telephone Pole	Air Release Valve
Joint Use Pole	Utility Vault
Telephone Pedestal	Concrete Pier
Utility Line by Others (Type as Shown)	Steel Pier
Trenchless Installation	Plan Note
Encasement Method	Pay Item Note
Encasement	

Power Pole	•
Telephone Pole	•
Joint Use Pole	-
Utility Pole	•
Utility Pole with Base	
H-Frame Pole	••
Power Transmission Line Tower	\boxtimes
Water Manhole	Ø
Power Manhole	Э
Telephone Manhole	Ō
Sanitary Sewer Manhole	•
Hand Hole for Cable	5
Power Transformer	M
Telephone Pedestal	•
CATV Pedestal	
Gas Valve	\$
Gas Meter	\$
Located Miscellaneous Utility Object	0
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.

*Underground F	owe
*Underground 1	ſele
*Underground 1	rele
*Underground F	ibe
*Underground 1	rv Ca
*Underground F	ibe
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Aboveground G	as I
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Aboveground V	Vate
*Underground G	arav
Aboveground G	arav
*Underground S	SS F
Underground l	Jnkn
SUE Test Hole	;
Water Meter	
Water Valve	
Fire Hydrant	
Sanitary Sewe	er C

*For Existing	Uti
Utility Line (Type as Show Designated Ut (Type as Show	vn)

GENERAL NOTES:

1. THE PROPOSED UTILITY CONSTRUCTION SHALL MEET THE APPLICABLE REQUIREMENTS OF THE NC DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES" DATED JANUARY 2024.

2. THE EXISTING UTILITIES BELONG TO CITY OF BREVARD WESLEY SHOOK, WESLEY.SHOOK@CITYOFBREVARD.COM, 828-884-4123

3. ALL WATER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISON OF WATER RESOURCES, PUBLIC WATER SUPPLY SECTION. ALL SEWER LINEWS TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISON OF WATER RESOURCES, PUBLIC WATER SUPPLY SECTION. PERFORM ALL WORK IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODES.

4. THE UTILITY OWNER OWNS THE EXISTING UTILITY FACILITIES AND WILL OWN THE NEW UTILITY FACILITIES AFTER ACCEPTANCE BY THE DEPARTMENT. THE DEPARTMENT OWNS THE CONSTRUCTION CONTRACT AND HAS ADMINISTRATIVE AUTHORITY. COMMUNICATIONS AND DECISIONS BETWEEN THE CONTRACTOR AND UTILITY OWNER ARE NOT BINDING UPON THE DEPARTMENT OR THIS CONTRACT UNLESS AUTHORIZED BY THE ENGINEER. AGREEMENTS BETWEEN THE UTILITY OWNER AND CONTRACTOR FOR THE WORK THAT IS NOT PART OF THIS CONTRACT OR IS SECONDARY TO THIS CONTRACT ARE ALLOWED. BUT ARE NOT BINDING UPON THE DEPARTMENT.

5. PROVIDE ACCESS FOR THE DEPARTMENT PERSONNEL AND THE OWNER'S REPRESENTATIVES TO ALL PHASES OF CONSTRUCTION. NOTIFY DEPARTMENT PERSONNEL AND THE UTILITY OWNER TWO WEEKS PRIOR TO SERVICE INTERRUPTION. KEEP UTILITY OWNERS INFORMED OF WORK PROGRESS AND PROVIDE OPPORTUNITY FOR INSPECTION AND CONSTRUCTION AND TESTING.

6. THE PLANS DEPICT THE BEST AVAILABLE INFORMATION FOR THE LOCATION, SIZE, AND TYPE OF MATERIAL FOR ALL EXISTING UTILITIES. MAKE INVESTIGATIONS FOR DETERMINING THE EXACT LOCATION. SIZE, AND TYPE MATERIAL OF THE EXISTING FACILITIES AS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED UTILITIES AND FOR AVOIDING DAMAGE TO EXISTING FACILITIES. REPAIR ANY DAMAGE INCURRED TO EXISTING FACILITES TO THE ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE DEPARTMENT.

7. MAKE FINAL CONNECTIONS OF THE NEW WORK TO THE EXISTING SYSTEM WHERE INDICATED ON THE PLANS. AS REQUIRED TO FIT THE ACTUAL CONDITIONS, OR AS DIRECTED.

8. MAKE CONNECTIONS BETWEEN EXISTING AND PROPOSED UTILITIES AT TIMES MOST CONVENIENT TO THE PUBLIC, WITHOUT ENDANGERING THE UTILITY SERVICE. AND IN ACCORDANCE WITH THE UTILITY OWNERS REQUIREMENTS. MAKE CONNECTIONS ON WEEKENDS, AT NIGHT, AND ON HOLIDAYS IF NECESSARY.

9. ALL UTILITY MATERIALS SHALL BE APPROVED PRIOR TO DELIVERY TO THE PROJECT. SEE 1500-7, "SUBMITTALS AND RECORDS" IN SECTION 1500 OF THE STANDARD SPECIFICATIONS.

2024 ROADWAY ENGLISH STANDARD DRAWINGS

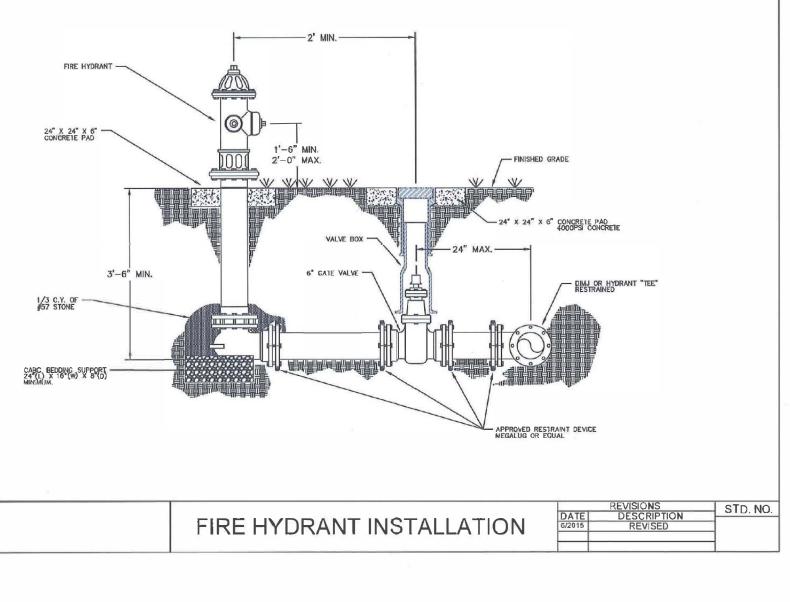
The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch -N. C. Department of Transportation - Raleigh, N. C., Dated January, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

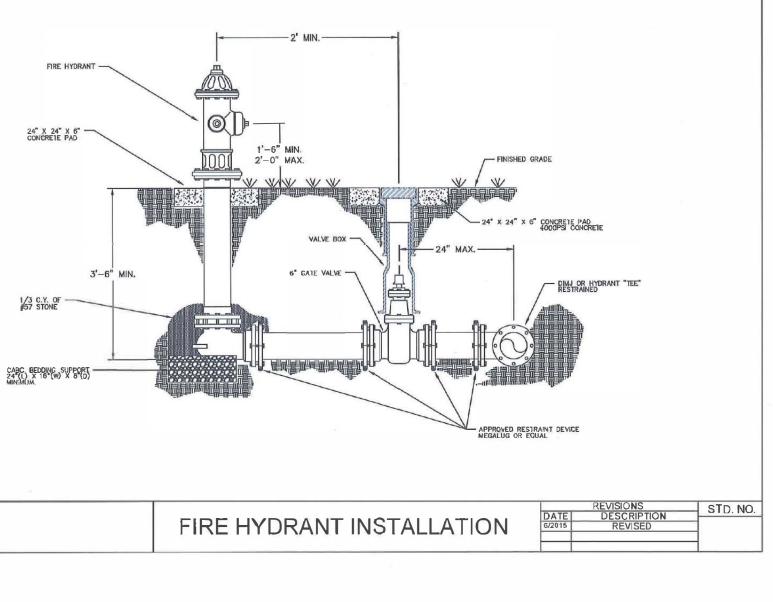
STD.NO. TITLE **DIVISION 15 - UTILITIES** 1515.02 FIRE HYDRANT

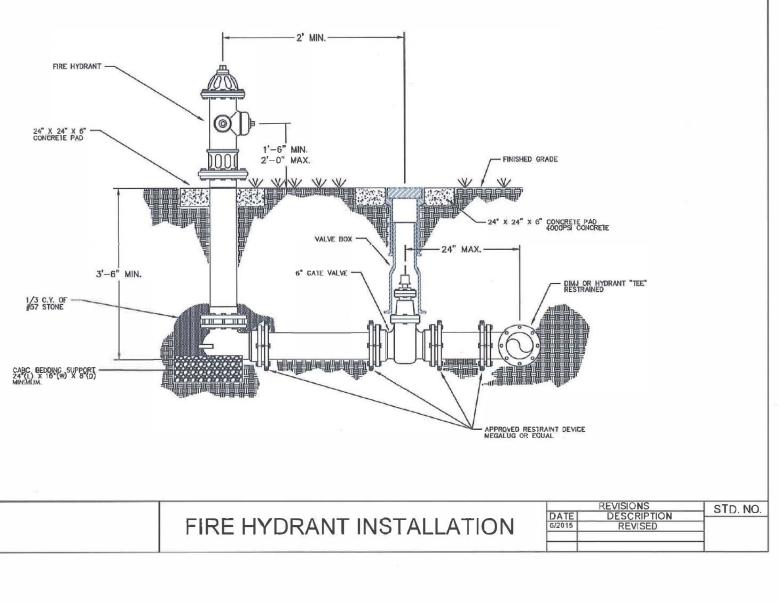
PROJECT SPECIFIC NOTES:

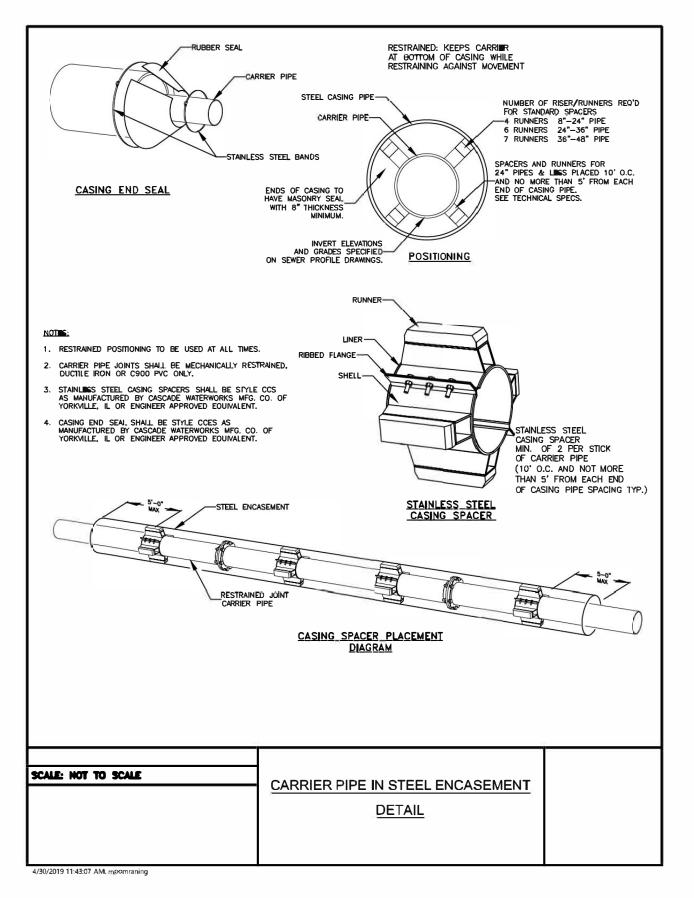
1. DURING CONSTRUCTION THE CONTRACTOR SHALL MAINTAIN THE OPERATION OF EXISTING UTILITIES WITH THE LEAST AMOUNT OF INTERRUPTION POSSIBLE IN COORDINATION WITH THE CITY OF BREVARD. CONTINOUS SERVICE, PUBLIC HEALTH AND SAFETY CONSIDERATIONS SHALL EXCEED ALL OTHERS. CONTRACTOR'S SCHEDULE, PLANS AND WORK SHALL AT ALL TIMES BE SUBJECT TO ALTERATION AND REVISION IF NECESSARY FOR THESE CONSIDERATIONS.

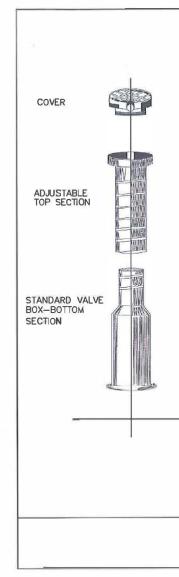
HA-UUUZUC-3 NORTH CAROLINA PARTMENT OF TRANSPORTATIO TRANSYLVANIA COUNT UTILITY DESIGN UNIT UTILITY CONSTRUCTION PLANS ONLY - 2202750C37-2050 12/20/2023 DESIGNED BY: DCR DCR RAWN BY: CHECKED BY LAK PPROVED BY: WAJ REVISED: UTILITIES ENGINEERING SEC. PHONE:(919)707-6690 FAX (919)250-4151 DOCUMENT NOT CONSIDERED FIN JNLESS ALL SIGNATURES COMPLE

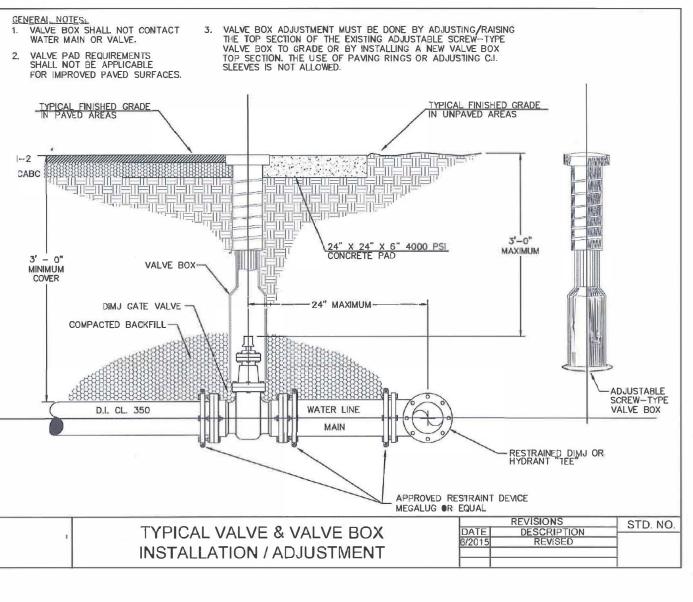


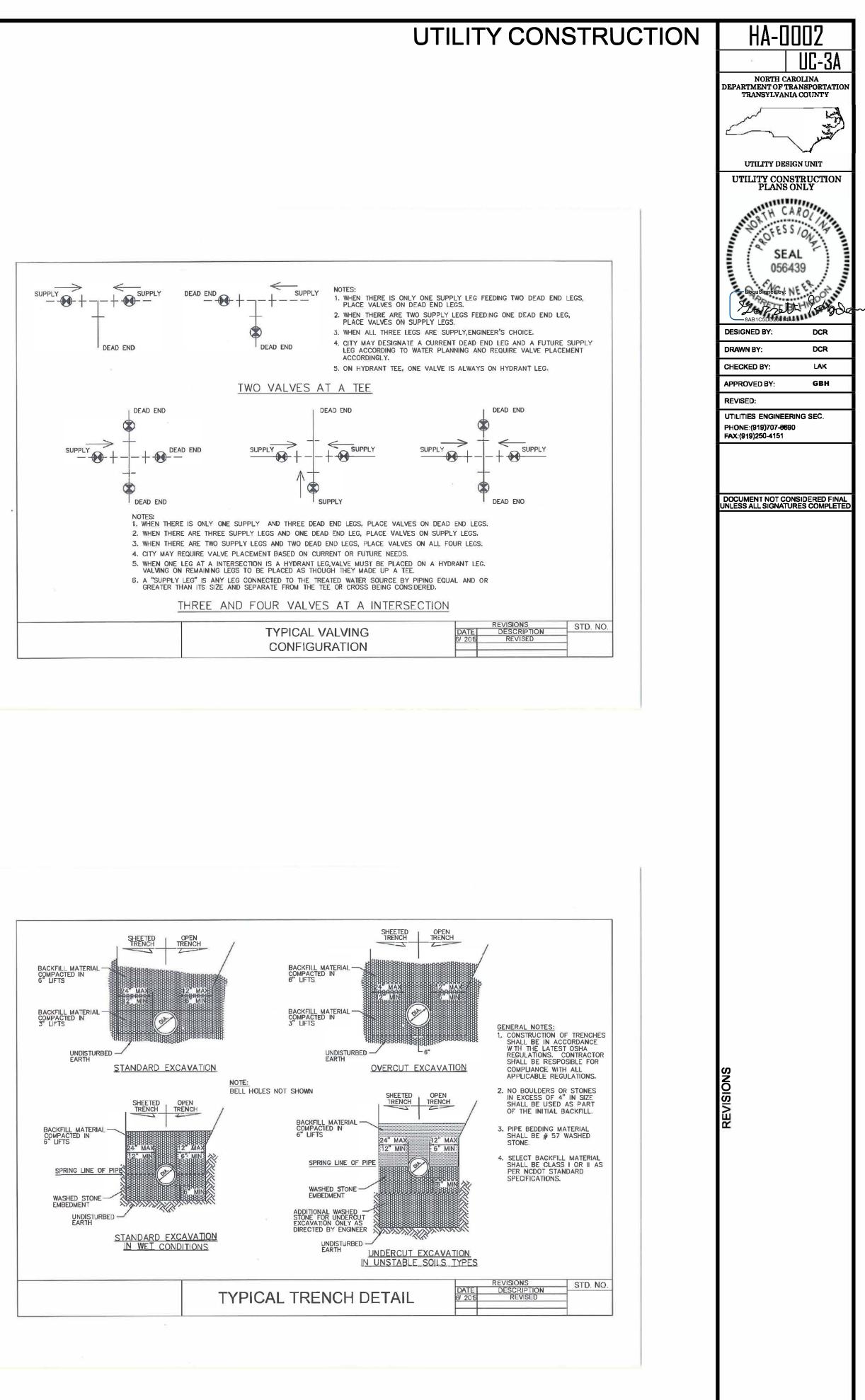


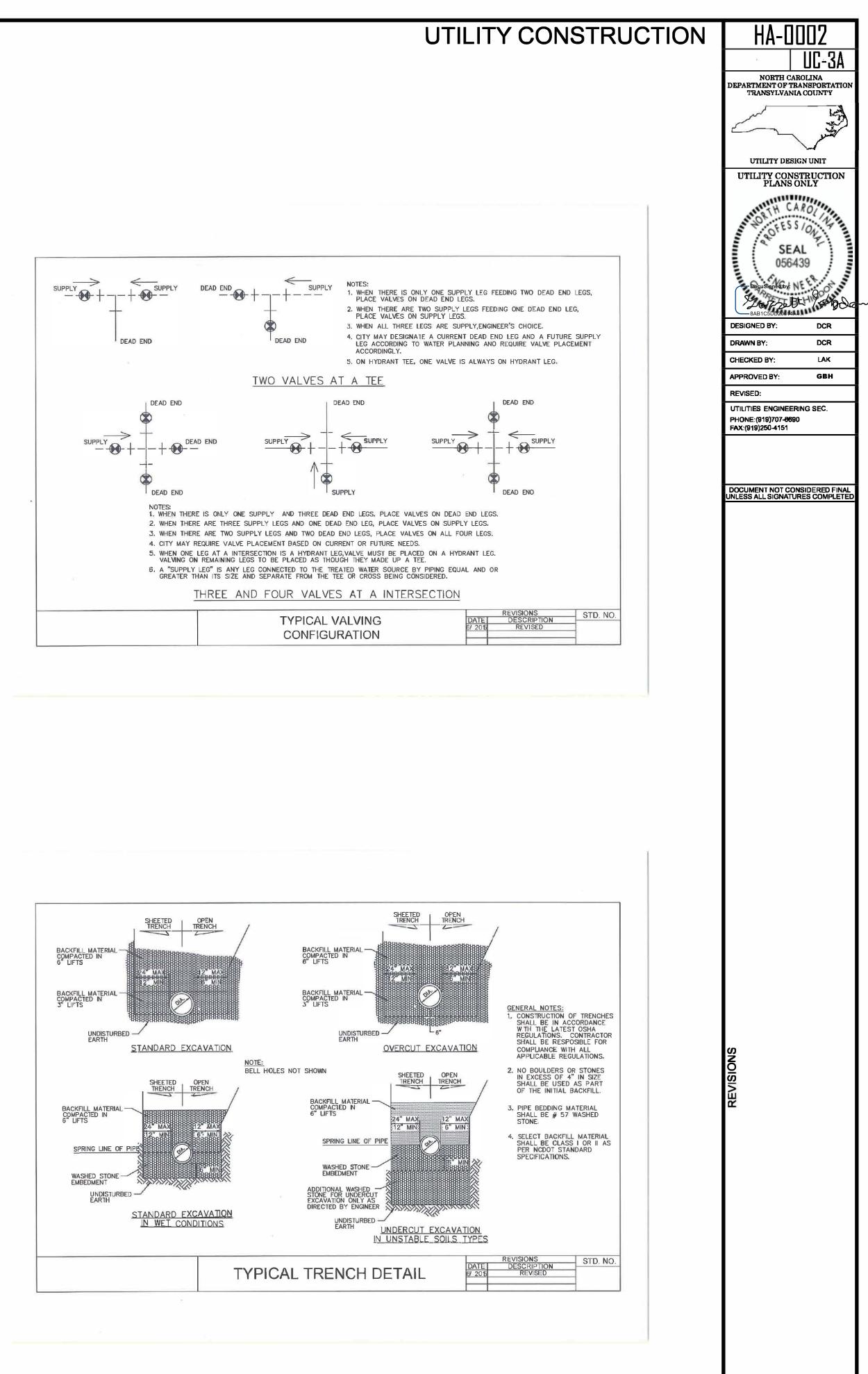


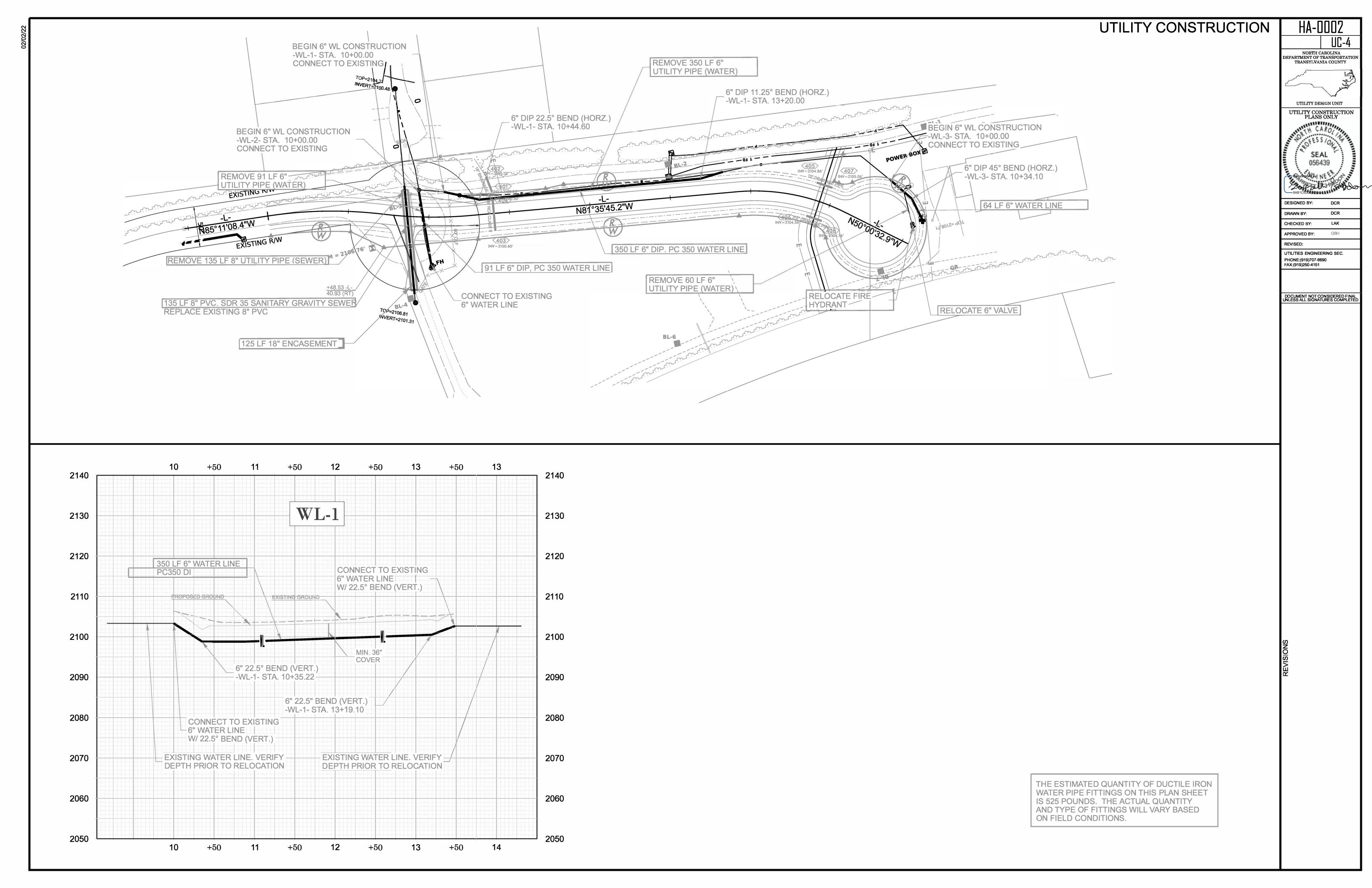




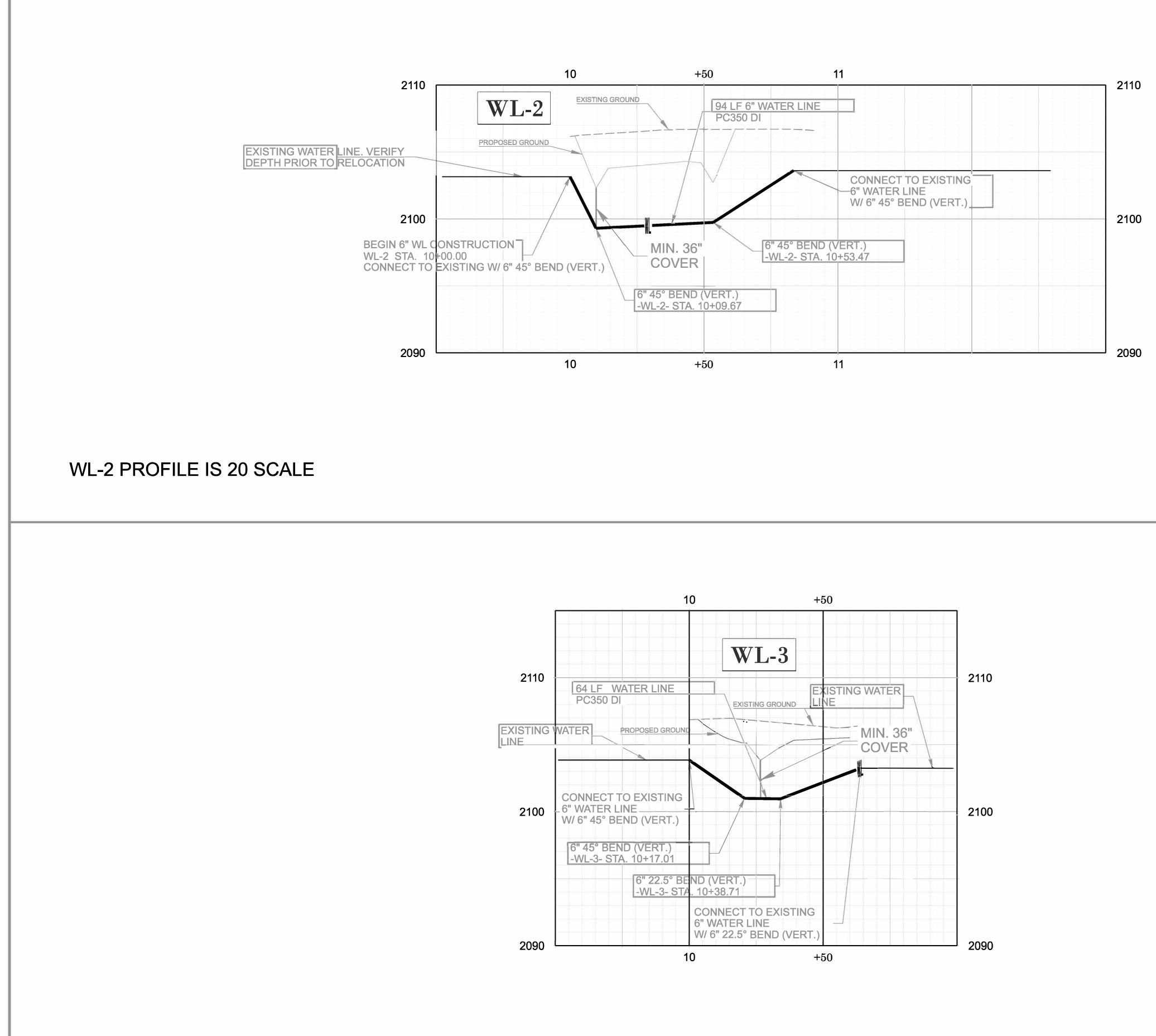








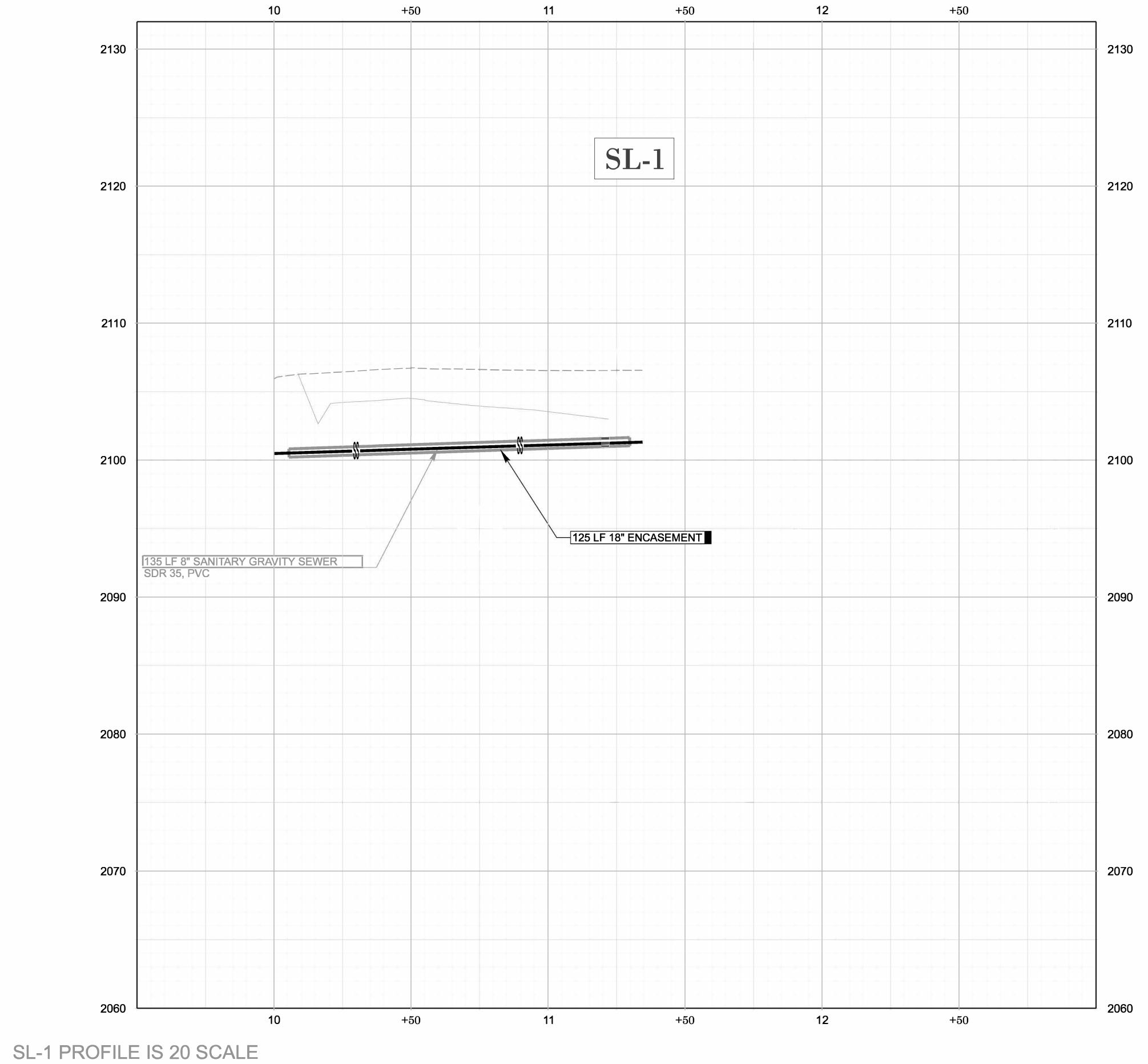
WL-3 PROFILE IS 20 SCALE



UTILITY CONSTRUCTION	HA-0002	
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	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
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	CHECKED BY: LAK	
	APPROVED BY: GBH	
	UTILITIES ENGINEERING SEC.	
	PHONE:(919)707-6690 FAX:(919)250-4151	
	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
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STIMATED QUANTITY OF DUCTILE IRON R PIPE FITTINGS ON THIS PLAN SHEET		
POUNDS. THE ACTUAL QUANTITY		
TYPE OF FITTINGS WILL VARY BASED		

THE ESTIMATED QUANTITY OF DUCTILE IRO WATER PIPE FITTINGS ON THIS PLAN SHEET IS 600 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.





UTILITY CONSTRUCTION	HA-0002
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	TRANSYLVANIA COUNTY
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