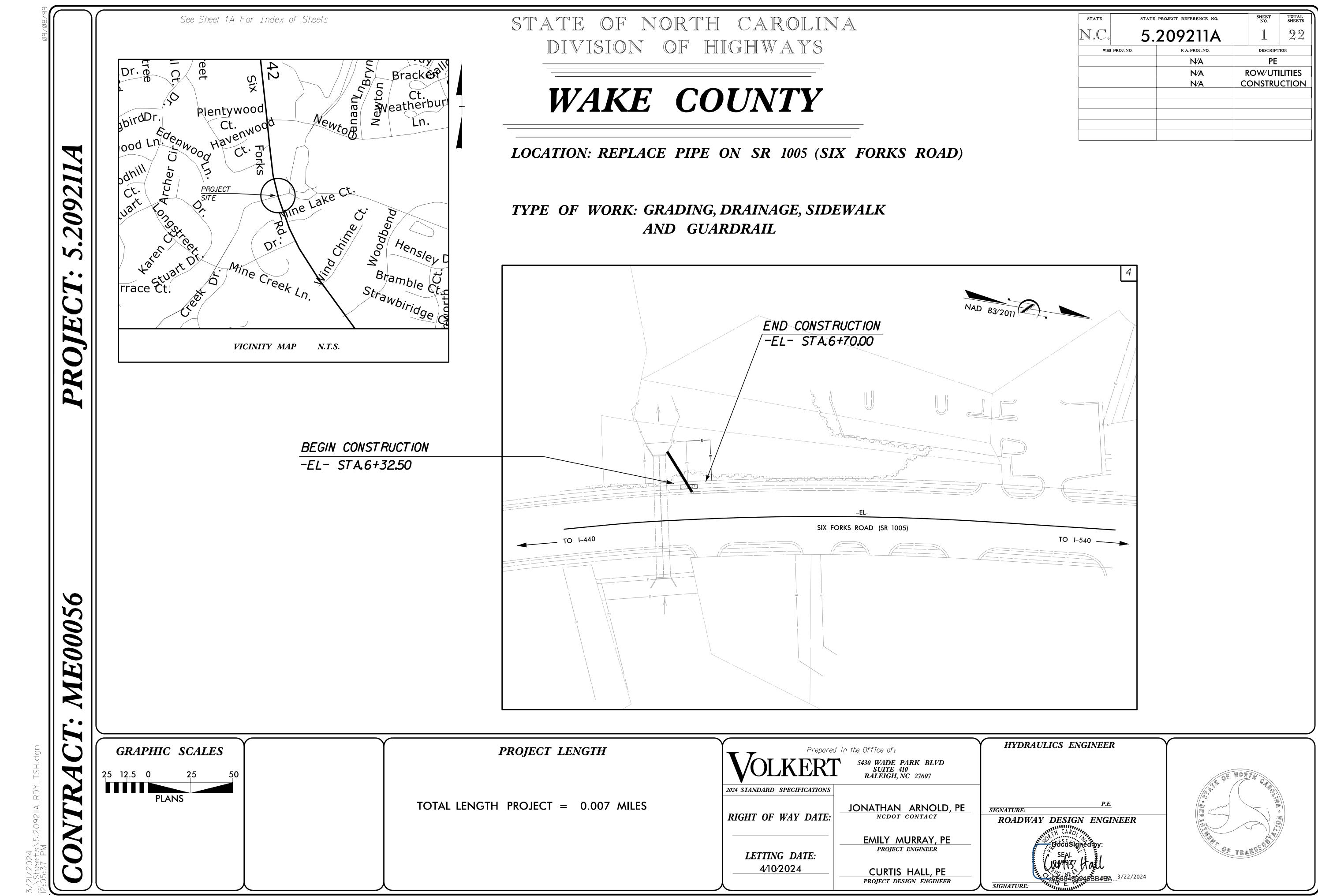
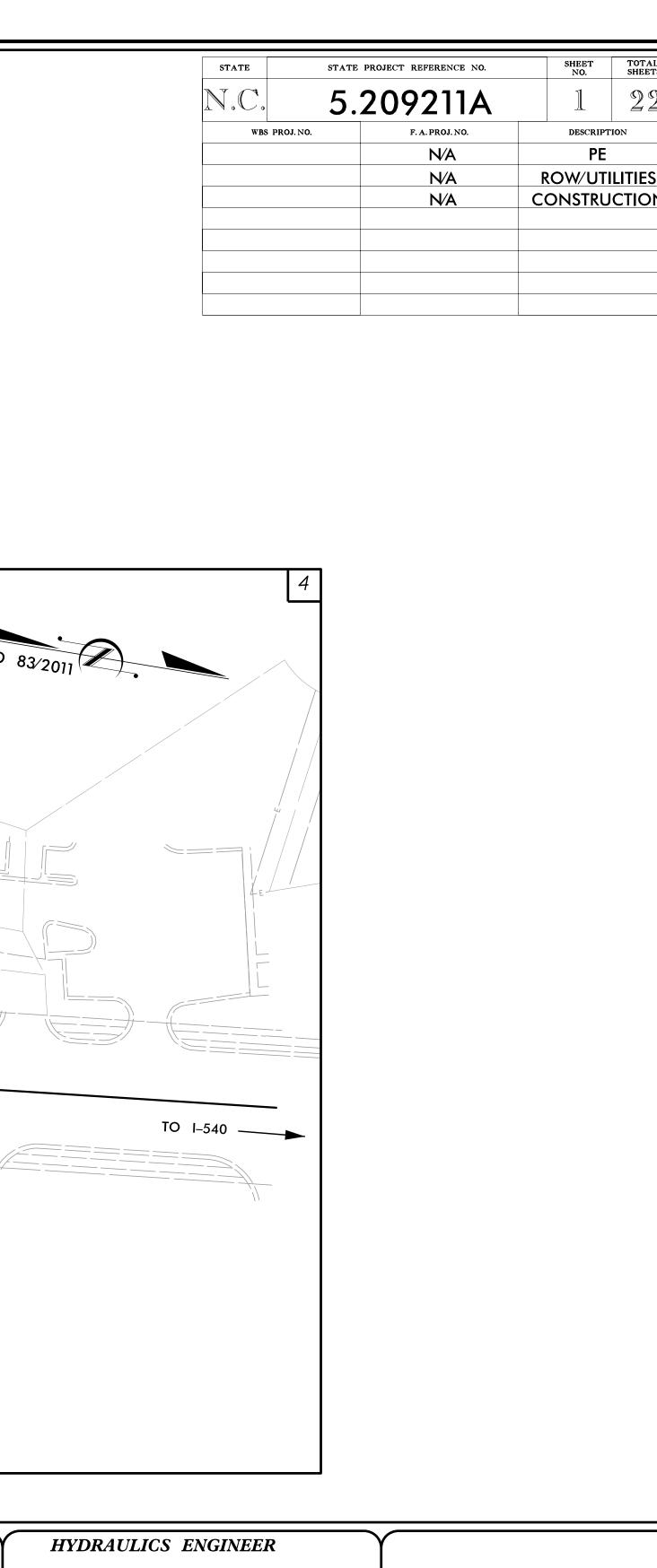
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IN	DEX OF SHEETS	
SHEET NUMBER	SHEET	
1	TITLE SHEET	
1 A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS	
1 B	CONVENTIONAL SYMBOLS	
2 A-1	PAVEMENT SCHEDULE AND TYPICAL SECTIONS	
4	PLAN SHEET	
TMP-1 THRU TMP-3	TRAFFIC MANAGEMENT PLANS	
EC-1 THRU EC-4A	EROSION CONTROL PLANS	
RF -1	REFORESTATION PLANS	
UO-1 THRU UO-2	UTILITY BY OTHERS PLANS	

21/2024 5 2092114 Sheet Index 14 dan



GENERAL NOTES:

GUARDRAIL:

### 2024 SPECIFICATIONS EFFECTIVE: 01-01-2024 REVISED:

THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL.

2024 ROADWAY ENGLISH STANDARD DRAWINGS

EFF. 01-01-2024 REV.

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 3 - PIPE CULVERTS 300.01 Method of Pipe Installation DIVISION 8 - INCIDENTALS 848.01 Concrete Sidewalk 862.01 Guardrail Placement 862.02 Guardrail Installation

# OLKERT

PROJECT REFERENCE NC	D. SHEET NO.	
5.209211A	/A	
R/W SHEET N	NO	
ROADWAY DESIGN ENGINEER DOGSUSSIGNED BY: SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEAL	HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

# Note: Not to Scale

## **BOUNDARIES AND PROPERTY:**

State Line	
County Line	
Township Line	
City Line	
Reservation Line	
Existing Iron Pin (EIP)	⊙ EIP
Computed Property Corner —	
Existing Concrete Monument (ECM) ——	
Parcel/Sequence Number	0
Existing Fence Line	
Proposed Woven Wire Fence	
Proposed Chain Link Fence	
Proposed Barbed Wire Fence	
Existing Wetland Boundary	
Proposed Wetland Boundary	
Existing Endangered Animal Boundary —	
Existing Endangered Plant Boundary	
Existing Historic Property Boundary	нрв
Known Contamination Area: Soil	
Potential Contamination Area: Soil	
Known Contamination Area: Water	
Potential Contamination Area: Water —	
Forential Contamination Area: water	<u>}</u> <u>-</u> <u>&gt;</u>
Contaminated Site: Known or Potential – BUILDINGS AND OTHER CU	X.
Contaminated Site: Known or Potential –	
Contaminated Site: Known or Potential – <i>BUILDINGS AND OTHER CU</i> Gas Pump Vent or U/G Tank Cap ———	
Contaminated Site: Known or Potential – BUILDINGS AND OTHER CU	
Contaminated Site: Known or Potential – <i>BUILDINGS AND OTHER CU</i> Gas Pump Vent or U/G Tank Cap ——— Sign ————————————————————————————————————	♀ <b>LTURE:</b> ♀ ♀
Contaminated Site: Known or Potential – <i>BUILDINGS AND OTHER CU</i> Gas Pump Vent or U/G Tank Cap ––––– Sign ––––––––––––––––––––––––––––––––––––	♀ ♀ ♀ ♀ ♀ ♀ ♀ ♀ ♀ ♀ ♀ ♀ ♀ ♀ ♀ ♀ ♀
Contaminated Site: Known or Potential – <i>BUILDINGS AND OTHER CU</i> Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation —	♀ <b>LTURE:</b> ♀ ♀ ♀ ↓
Contaminated Site: Known or Potential – <i>BUILDINGS AND OTHER CU</i> Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline —	— ♀ ♀ ♀ ♀ LTURE: — ♀
Contaminated Site: Known or Potential – BUILDINGS AND OTHER CU Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery	
Contaminated Site: Known or Potential – BUILDINGS AND OTHER CU Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline — Cemetery — Building —	
Contaminated Site: Known or Potential – BUILDINGS AND OTHER CU. Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline — Cemetery — Building — School —	
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CU. Gas Pump Vent or U/G Tank Cap — Sign Well Well Small Mine Foundation Area Outline Cemetery Building School Church	
Contaminated Site: Known or Potential – BUILDINGS AND OTHER CU. Gas Pump Vent or U/G Tank Cap Sign Well Well Small Mine Foundation Area Outline Cemetery Building School Church Dam	
Contaminated Site: Known or Potential – BUILDINGS AND OTHER CU. Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline — Cemetery — Building — School — Church — Dam — HYDROLOGY:	
Contaminated Site: Known or Potential – BUILDINGS AND OTHER CU. Gas Pump Vent or U/G Tank Cap Sign Well Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water	
Contaminated Site: Known or Potential – BUILDINGS AND OTHER CU. Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water Hydro, Pool or Reservoir	
Contaminated Site: Known or Potential - BUILDINGS AND OTHER CU. Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water Hydro, Pool or Reservoir Jurisdictional Stream	
Contaminated Site: Known or Potential – BUILDINGS AND OTHER CU. Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water Hydro, Pool or Reservoir Jurisdictional Stream Buffer Zone 1	
Contaminated Site: Known or Potential – BUILDINGS AND OTHER CU. Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water Hydro, Pool or Reservoir Jurisdictional Stream Buffer Zone 1 Buffer Zone 2	Image: Sector
Contaminated Site: Known or Potential – BUILDINGS AND OTHER CU. Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water Hydro, Pool or Reservoir Jurisdictional Stream Buffer Zone 1 Buffer Zone 2 Flow Arrow	Image: Sector of the sector
Contaminated Site: Known or Potential – BUILDINGS AND OTHER CU. Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water Hydro, Pool or Reservoir Jurisdictional Stream Buffer Zone 1 Buffer Zone 2 Flow Arrow Disappearing Stream	
Contaminated Site: Known or Potential – BUILDINGS AND OTHER CU. Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water Hydro, Pool or Reservoir Jurisdictional Stream Buffer Zone 1 Buffer Zone 2 Flow Arrow Disappearing Stream Spring	
Contaminated Site: Known or Potential BUILDINGS AND OTHER CU. Gas Pump Vent or U/G Tank Cap Sign Well Small Mine Foundation Area Outline Cemetery Building Cemetery Building School Church Dam HYDROLOGY: Stream or Body of Water Hydro, Pool or Reservoir Jurisdictional Stream Buffer Zone 1 Buffer Zone 2 Flow Arrow Disappearing Stream Wetland	
Contaminated Site: Known or Potential – BUILDINGS AND OTHER CU. Gas Pump Vent or U/G Tank Cap Sign Well Well Small Mine Foundation Foundation Area Outline Cemetery Building School Church Dam HYDROLOGY:	

Standard RR Signal Switch — RR Abando **RR** Dismantled

Primary H Primary H Secondar Vertical Be Existing R Proposed ( Proposed Existing P Proposed Existing C Proposed Proposed Existing R Proposed Existing C Proposed Proposed Existing Ec Proposed Proposed Proposed Proposed Proposed Proposed Proposed

Existing Edge Existing Cu Proposed Proposed Proposed Existing M Proposed Existing C Proposed Equality Sy Pavement VEGETA Single Tree Single Shr Hedge —

### ναντατα STATE OF NORTH CAROLINA CONVENTIONAL PLAN RAILROADS:

Gauge Milepost	CSX TRANSPORTATION
loned	SWITCH

## RIGHT OF WAY & PROJECT CONTROL:

Horiz Control Point	$\bigcirc$
Horiz and Vert Control Point	•
ry Horiz and Vert Control Point ——	$\blacklozenge$
Benchmark ————	
Right of Way Monument———	$\bigtriangleup$
Right of Way Monument ——— Rebar and Cap)	
Right of Way Monument ——— Concrete)	
Permanent Easement Monument ——	$\langle \cdot \rangle$
Permanent Easement Monument — Rebar and Cap)	$\langle \diamond \rangle$
C/A Monument	$\land$
C/A Monument (Rebar and Cap) —	▲
C/A Monument (Concrete) ———	
Right of Way Line	
Right of Way Line	<b>R</b>
Control of Access Line	
Control of Access Line	
ROW and CA Line ———	$\smile$
Easement Line	$\bigcirc$
Temporary Construction Easement-	E
Temporary Drainage Easement ——	TDE
Permanent Drainage Easement ——	PDE
Permanent Drainage/Utility Easement	DUE
Permanent Utility Easement	
, Temporary Utility Easement	
Aerial Utility Easement	

# ROADS AND RELATED FEATURES:

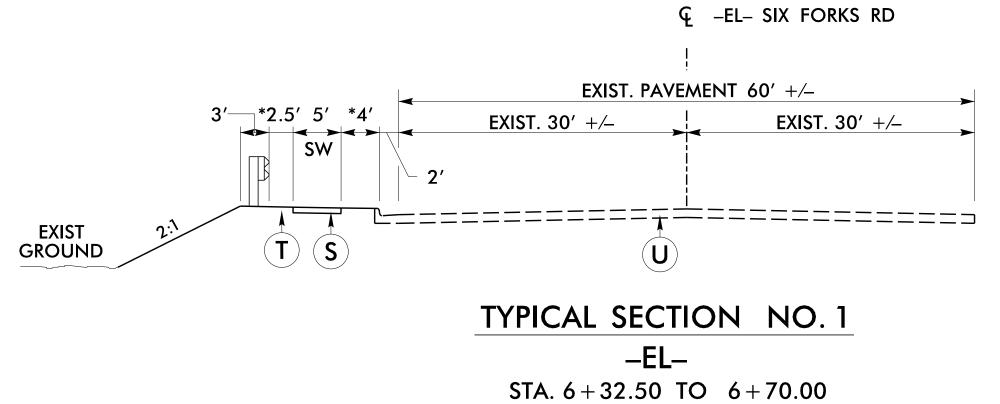
Edge of Pavement	
Curb	
Slope Stakes Cut	<u>C</u>
Slope Stakes Fill	F
Curb Ramp	CR
Netal Guardrail —————	<u> </u>
Guardrail ————	<u> </u>
Cable Guiderail ————	
Cable Guiderail	<u> </u>
Symbol	$\bullet$
t Removal ————	
TATION:	
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nrub	Ę
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		WATER:	
Noods Line		Water Manhole	W
Orchard		Water Meter	$\bigcirc$
/ineyard	Vineyard	Water Valve	$\otimes$
EXISTING STRUCTURES:		Water Hydrant	÷
		U/G Water Line Test Hole (SUE – LOS A)*—	$\bigcirc$
AJOR: Deiden Turred an Davi Culturet		U/G Water Line (SUE – LOS B)*	w
Bridge, Tunnel or Box Culvert		U/G Water Line (SUE – LOS C)*	w
Bridge Wing Wall, Head Wall and End Wall –	) CONC WW (	U/G Water Line (SUE – LOS D)*	w
Head and End Wall	CONC HW	Above Ground Water Line	
Pipe Culvert		TV:	
Footbridge		TV Pedestal	C
Drainage Box: Catch Basin, DI or JB ———	СВ	TV Tower —	$\bigotimes$
Paved Ditch Gutter		U/G TV Cable Hand Hole	H <sub>H</sub>
Storm Sewer Manhole		U/G TV Test Hole (SUE – LOS A)*	
Storm Sewer		U/G TV Cable (SUE – LOS B)*	
		U/G TV Cable (SUE – LOS C)*	
<i>UTILITIES:</i> * SUE – Subsurface Utility Engineering		U/G TV Cable (SUE – LOS D)*	
LOS – Level of Service – A,B,C or D	(Accuracv)	U/G Fiber Optic Cable (SUE – LOS B)*	
OWER:		U/G Fiber Optic Cable (SUE – LOS B)* — – U/G Fiber Optic Cable (SUE – LOS C)* — –	
xisting Power Pole	•	U/G Fiber Optic Cable (SUE – LOS C)* —— · U/G Fiber Optic Cable (SUE – LOS D)* —— ·	
Proposed Power Pole	6		
xisting Joint Use Pole		GAS: Gas Valve ————————————————————————————————————	$\diamond$
Proposed Joint Use Pole		Gas Meter	·
ower Manhole	P		$\mathbf{S}$
ower Line Tower —	$\boxtimes$	U/G Gas Line Test Hole (SUE – LOS A)* U/G Gas Line (SUE – LOS B)*	_
ower Transformer	$\square$		
J/G Power Cable Hand Hole	Гн	U/G Gas Line (SUE – LOS C)*	
	· · · ·	U/G Gas Line (SUE – LOS D)*	
H-Frame Pole		Above Ground Gas Line	
J/G Power Line Test Hole (SUE – LOS A)* – J/G Power Line (SUE – LOS B)* –––––––––––––––––––––––––––––––––––		SANITARY SEWER:	-
		Sanitary Sewer Manhole	$\oplus$
J/G Power Line (SUE – LOS C)*		Sanitary Sewer Cleanout	
J/G Power Line (SUE – LOS D)*	r	U/G Sanitary Sewer Line	
ELEPHONE:		Above Ground Sanitary Sewer	
Existing Telephone Pole	- <b>-</b> -	SS Force Main Line Test Hole (SUE – LOS A)*	
Proposed Telephone Pole	-0-	SS Force Main Line (SUE – LOS B)*	
Telephone Manhole	T	SS Force Main Line (SUE – LOS C)*	
elephone Pedestal	Τ	SS Force Main Line (SUE – LOS D)*	FSS
elephone Cell Tower	<b>,,</b>	MISCELLANEOUS:	
J/G Telephone Cable Hand Hole	HH	Utility Pole	٠
J/G Telephone Test Hole (SUE – LOS A)* –		Utility Pole with Base	•
J/G Telephone Cable (SUE – LOS B)*		Utility Located Object	$\odot$
J/G Telephone Cable (SUE – LOS C)*		Utility Traffic Signal Box	S
J/G Telephone Cable (SUE – LOS D)*		Utility Unknown U/G Line (SUE – LOS B)* — -	?UTL
J/G Telephone Conduit (SUE – LOS B)*	— — — TC — — — –	U/G Tank; Water, Gas, Oil	
J/G Telephone Conduit (SUE – LOS C)* ——	TC	Underground Storage Tank, Approx. Loc. ——	
J/G Telephone Conduit (SUE – LOS D)*	TC	A/G Tank; Water, Gas, Oil	
U/G Fiber Optics Cable (SUE – LOS B)*	— — — T FO— — ·	Geoenvironmental Boring	
U/G Fiber Optics Cable (SUE – LOS C)*	T FO	Abandoned According to Utility Records —	AATUR
U/G Fiber Optics Cable (SUE – LOS D)*	T F0	End of Information	E.O.I.

PROJECT REFERENCE NO.

SHEET NO.

1/99		ΡΑΥΕΜΕΝΤ
5/14,		SCHEDULE
	S	4" CONCRETE SIDEWALK
	Т	EARTH MATERIAL
	U	EXISTING PAVEMENT

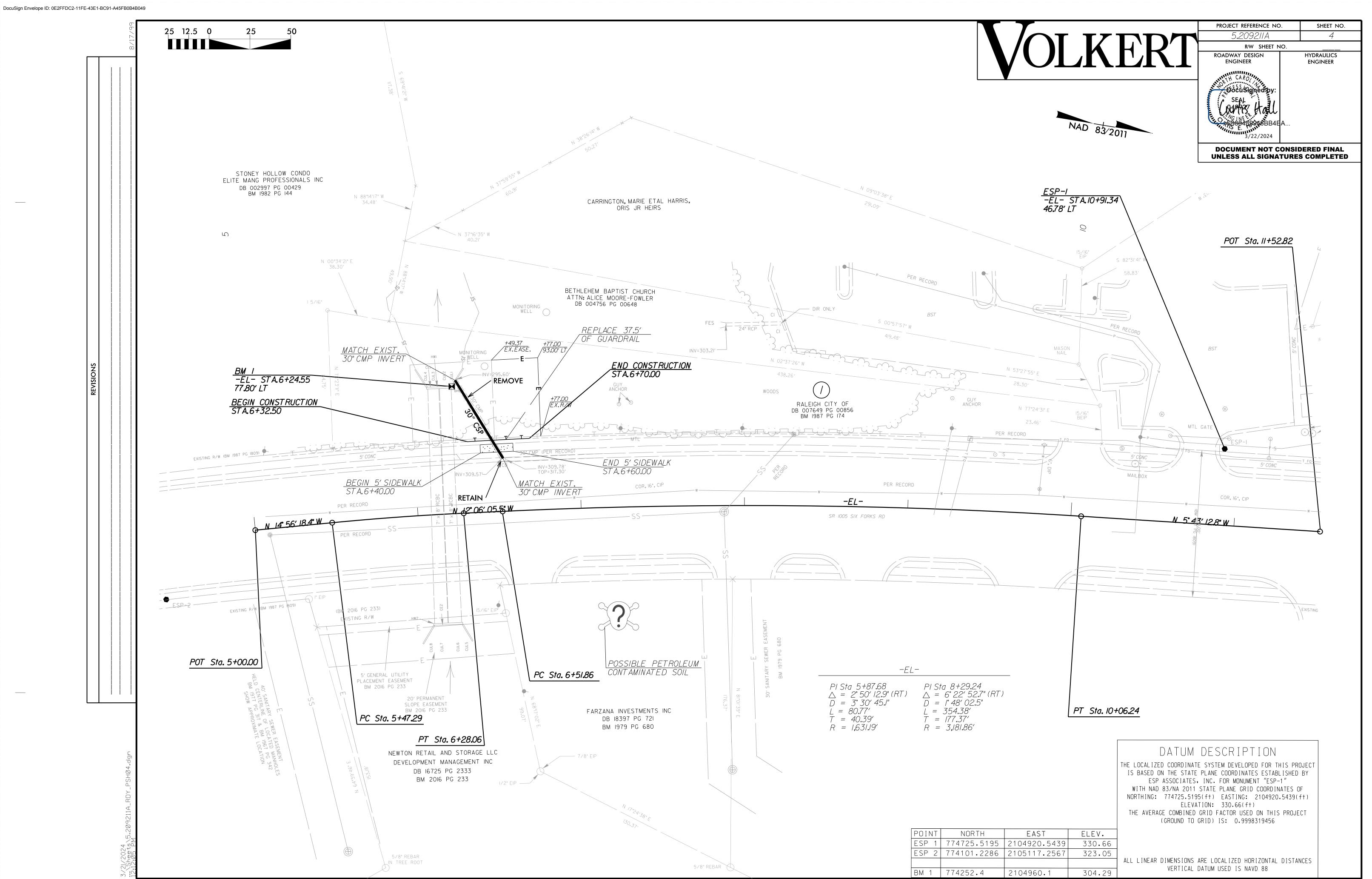


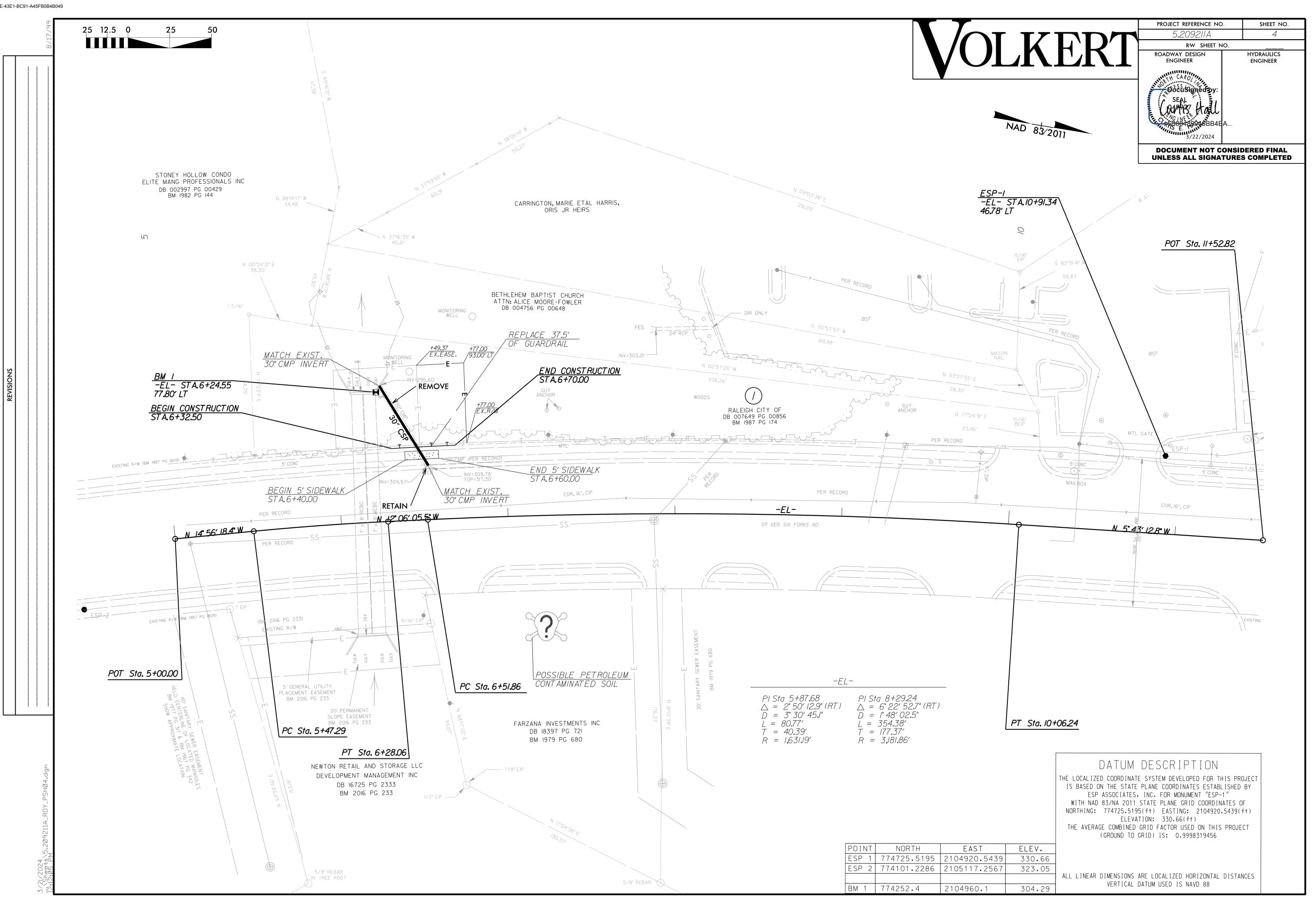
STA. 6+32.50 TO 6+70.00 (SEE PLANS FOR GUARDRAIL AND SIDEWALK LOCATIONS)

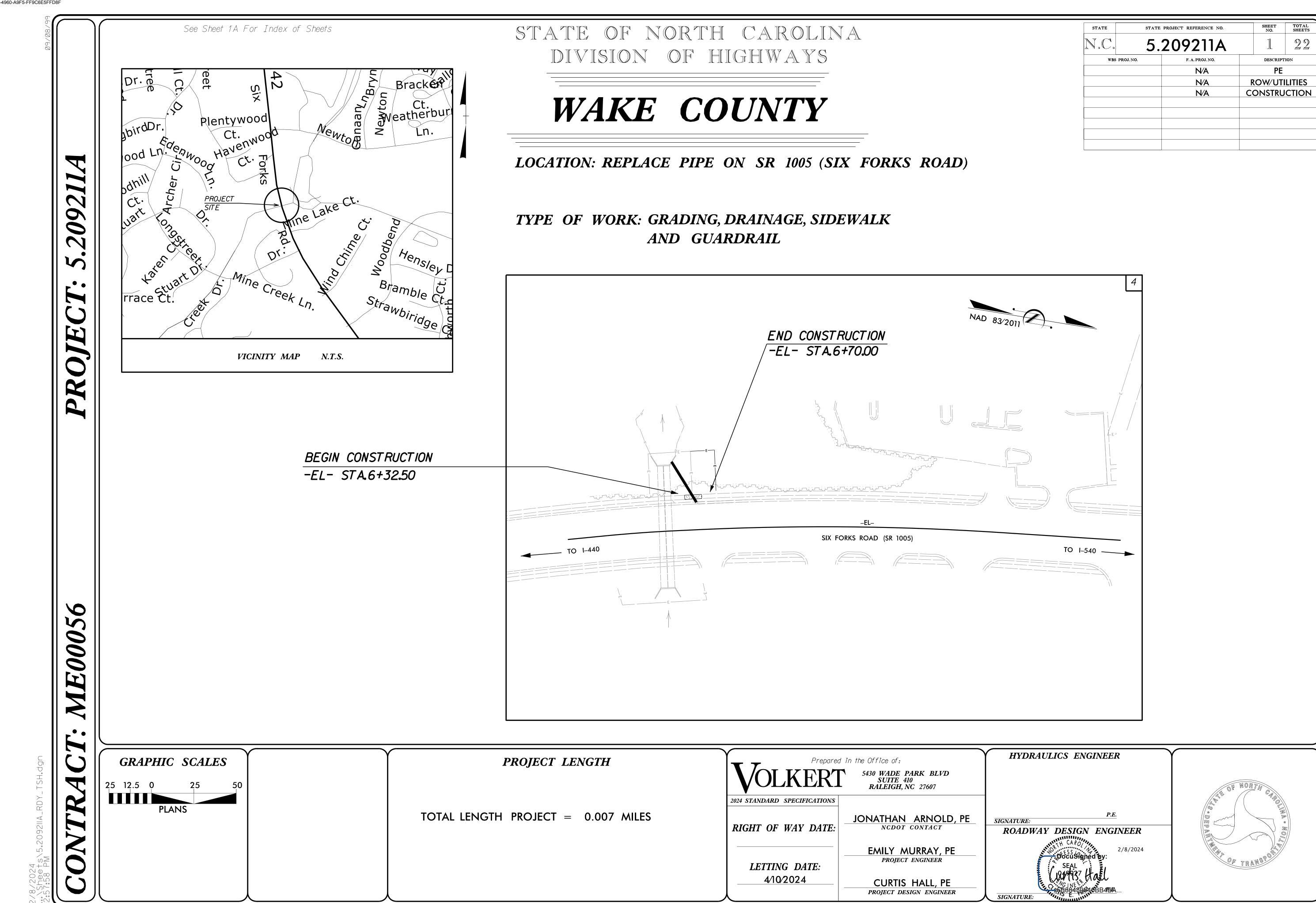
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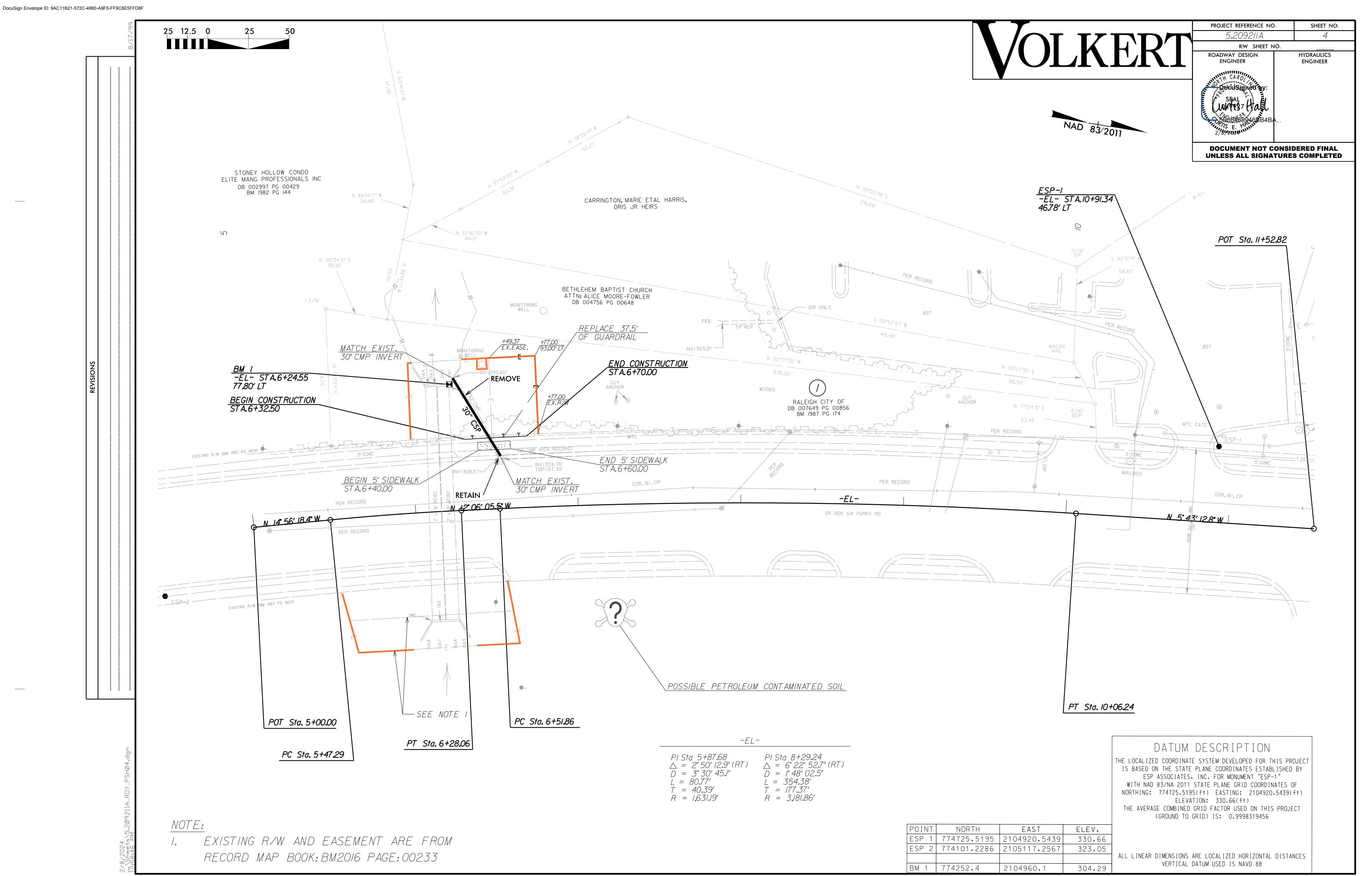
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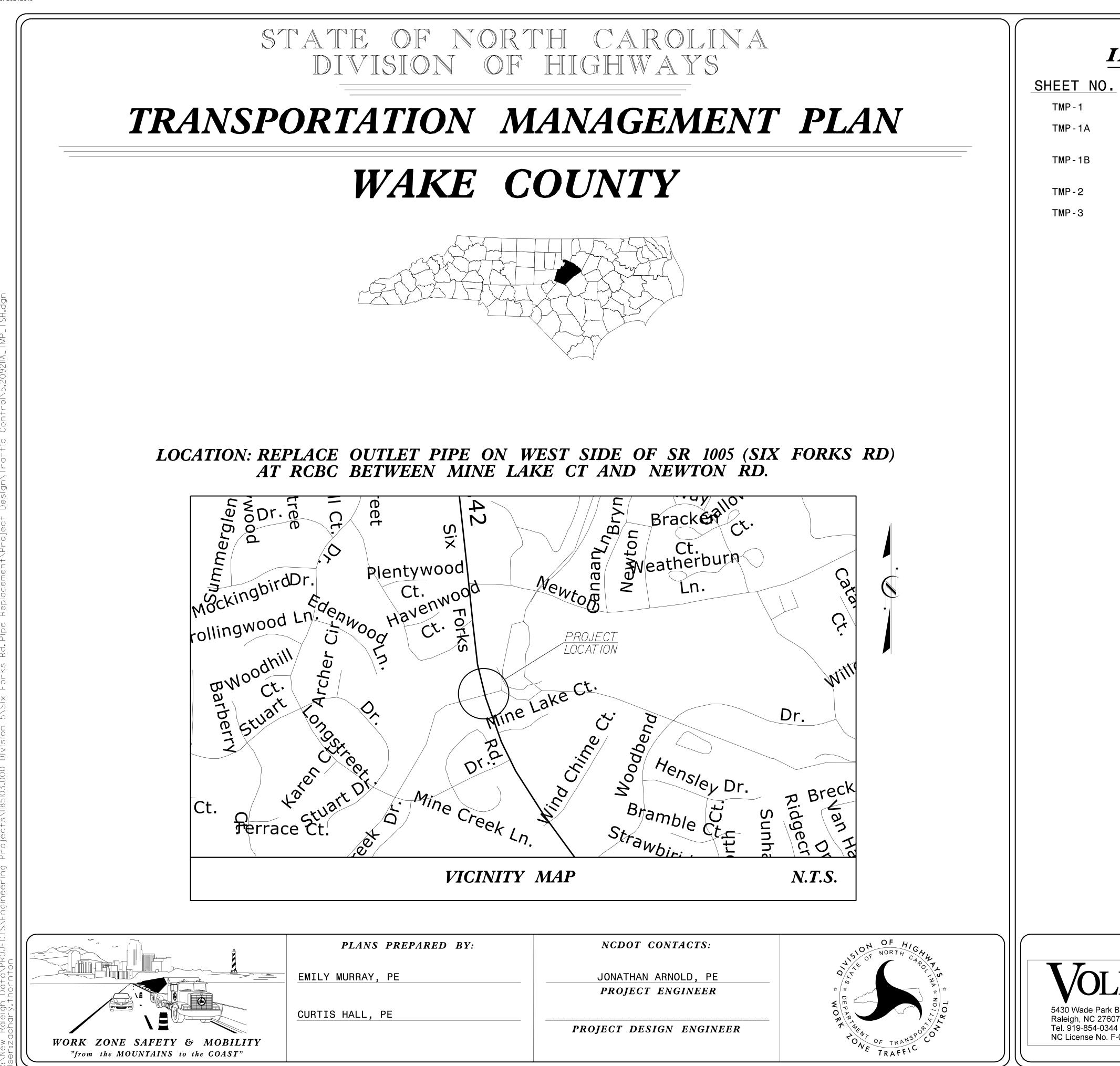
## \*THESE ARE APPROXIMATE DISTANCES ONLY. EXISTING CONDITIONS MAY VARY.











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	PLICABLE ROADWAY S	STANDARD DRAWINGS,	
TRANSPORTA	TION OPERATIONS PI	LAN: (MANAGEMENT	
	, GENERAL NOTES, A ROAD PLAN VIEW	AND LOCAL NOTES)	
	ROAD PLAN VIEW		
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			20921
			<b>O</b>
			N
			CJ
		Γ CONSIDERED FINAL NATURES COMPLETED	
	APPROVED:		
	<i>DATE:</i> 3/22/2024	TH CAROL	
KERT		DocuSigned by	
Blvd., Suite 410 7 Fax. 919-854-0355	SEAL	Curtis Hal	
0765		5 <b>B8</b> 8489946BB	4BIA

# ROADWAY STANDARD DRAWI

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

STD. NO.

TITLE

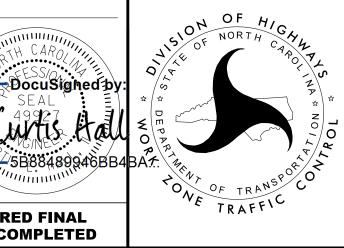
1101.01	WORK ZONE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.06	
	TRAFFIC CONTROL DESIGN TABLES
	STATIONARY WORK ZONE SIGNS
	PORTABLE WORK ZONE SIGNS
	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION
1165.01	TRUCK MOUNTED ATTENUATOR
1170.01	PORTABLE CONCRETE BARRIER
1180.01	SKINNY - DRUMS
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWA
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMPS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	
	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
	PAVEMENT MARKINGS - PAINTED ISLANDS
	PAVEMENT MARKINGS - SCHOOL AREAS
	PAVEMENT MARKINGS - RAILROAD CROSSINGS
	PAVEMENT MARKINGS - BRIDGES
	PAVEMENT MARKINGS - LANE REDUCTIONS
	PAVEMENT MARKINGS - ROUNDABOUTS
	PAVEMENT MARKINGS - REDUCED CONFLICT INTERSECTION
	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
	RAISED PAVEMENT MARKERS - (PERMANENT AND TEMPORAR
	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION
	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOU GUARDRAIL END DELINEATION
	OBJECT MARKERS - TYPES
	OBJECT MARKERS - INSTALLATION
	RAISED PAVEMENT MARKERS - TUBULAR MARKERS
	FLEXIBLE DELINEATORS - INSTALLATION
	FLEXIBLE DELINEATORS - SPACING TABLES
	FLEXIBLE DELINEATORS - INTERCHANGE PLACEMENT

VINGS	LEGEND
DRAWINGS" -	GENERAL
ARY 2024 ISIDERED	IRECTION OF TRAFFIC FLOW     IRECTION OF PEDESTRIAN TRAFFIC FLOW
	WORK AREA
	REMOVAL
	USER DEFINED (IF NEEDED)
	USER DEFINED (IF NEEDED)
ADWAYS	SIGNALS EXISTING PROPOSED T TEMPORARY O PORTABLE M P
	PAVEMENT MARKINGS ——EXISTING LINES ——TEMPORARY LINES
TIONS G DRARY) ION SPACING MOUNTING	TEMPORARY PAVEMENT N P2 WHITE SOLID LANE LIN
	APPROVED:
	SEAL 5430 Wade Park Blvd., Suite 410
	S430 Wade Park Bivd., Suite 410Raleigh, NC 27607DOCUMENT NOT CONSIDEREDTel. 919-854-0344Fax. 919-854-0355DOCUMENT NOT CONSIDEREDNC License No. F-0765UNLESS ALL SIGNATURES CON

		PROJ. REFERENCE NO.	SHEET NO.
		5.20911A	TMP-1A
TDAFE	IC CONTROL DEVICES		
	IC CONTROL DEVICES		
	BARRICADE (TYPE III)		
	CONE		
	DRUM 💿 SKINNY DRUM 💿	TUBULAR MARKER	
	TEMPORARY CRASH CUSHION		
	FLASHING ARROW BOARD		
•	FLAGGER		
	LAW ENFORCEMENT		
	TRUCK MOUNTED ATTENUATOR (T	MA)	
L	CHANGEABLE MESSAGE SIGN		
TEMPO	RARY SIGNING		
	ABLE SIGN		
⊨ stat	IONARY SIGN		
b stat	IONARY OR PORTABLE SIGN		
PAVEM	ENT MARKERS		
CRY	STAL/CRYSTAL		
	STAL/RED		
	_OW/YELLOW		
•			
PAVEM	ENT MARKING SYMBOLS		
	PAVEMENT MARKING SYMBOLS		

MARKING

INE (4")



## ROADWAY STANDARD DRAWINGS & LEGEND

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

## LANE CLOSURE TIME RESTRICTIONS

A. DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTR
SIX FORKS RD	NONE

B. DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS: **ROAD NAMES** SIX FORKS RD

1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.

- 2. FOR NEW YEAR'S, BETWEEN THE HOURS OF 7 A.M. DECEMBER 31st TO 11 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 11 P.M. THE FOLLOWING TUESDAY.
- 3. FOR EASTER, BETWEEN THE HOURS OF 7 A.M. THURSDAY AND 11 P.M. MONDAY.
- 4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 7 A.M. FRIDAY TO 11 P.M. TUESDAY.
- 5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 7 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 11 P.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN BETWEEN THE HOURS OF 7 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 11 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.

- FOR LABOR DAY, BETWEEN THE HOURS OF 7 A.M. FRIDAY AND 11 P.M. TUESDAY. 6.
- 7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 7 A.M. TUESDAY TO 11 P.M. MONDAY.
- 8. FOR CHRISTMAS, BETWEEN THE HOURS OF 7 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 11 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

### LANE AND SHOULDER CLOSURE REQUIREMENTS

- C. REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- D. WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- E. WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FEET OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

- F. WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.
- G. DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.
- H. DO NOT INSTALL MORE THAN ONE LANE CLOSURE, IN ANY ONE DIRECTION, ON SIX FORKS RD.

# GENERAL NOTES

### RICTIONS

## PATTERN ALTERATION

## SIGNING

- NOT IN OPERATION.

## TRAFFIC CONTROL DEVICES

## TRAFFIC CONTROL DEVICES

### PAVEMENT MARKINGS AND MARKERS

OF PAVEMENT AS FOLLOWS:

ROAD NAME SIX FORKS RD.

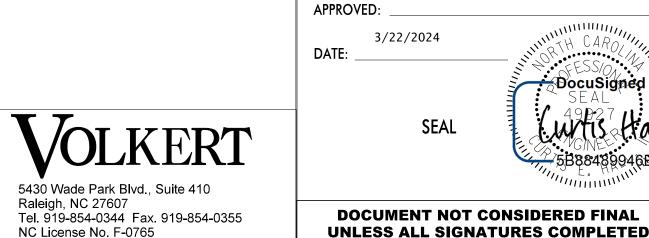
N. INSTALL PAVEMENT MARKINGS ON FINAL SURFACE AS FOLLOWS:

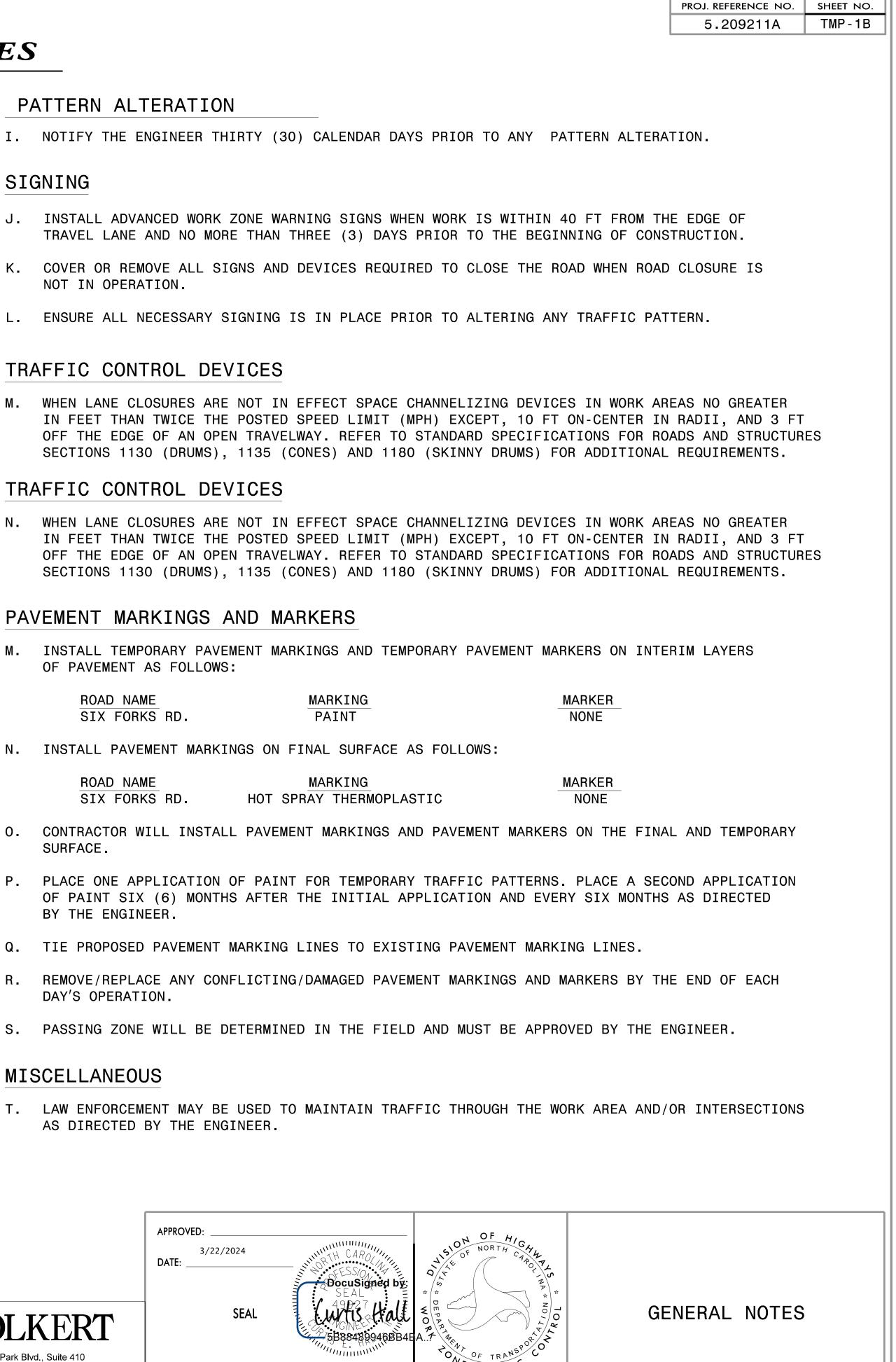
ROAD NAME			MAF
SIX FORKS	RD.	HOT	SPRAY

- SURFACE.
- BY THE ENGINEER.
- Q. TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- DAY'S OPERATION.

## MISCELLANEOUS

AS DIRECTED BY THE ENGINEER

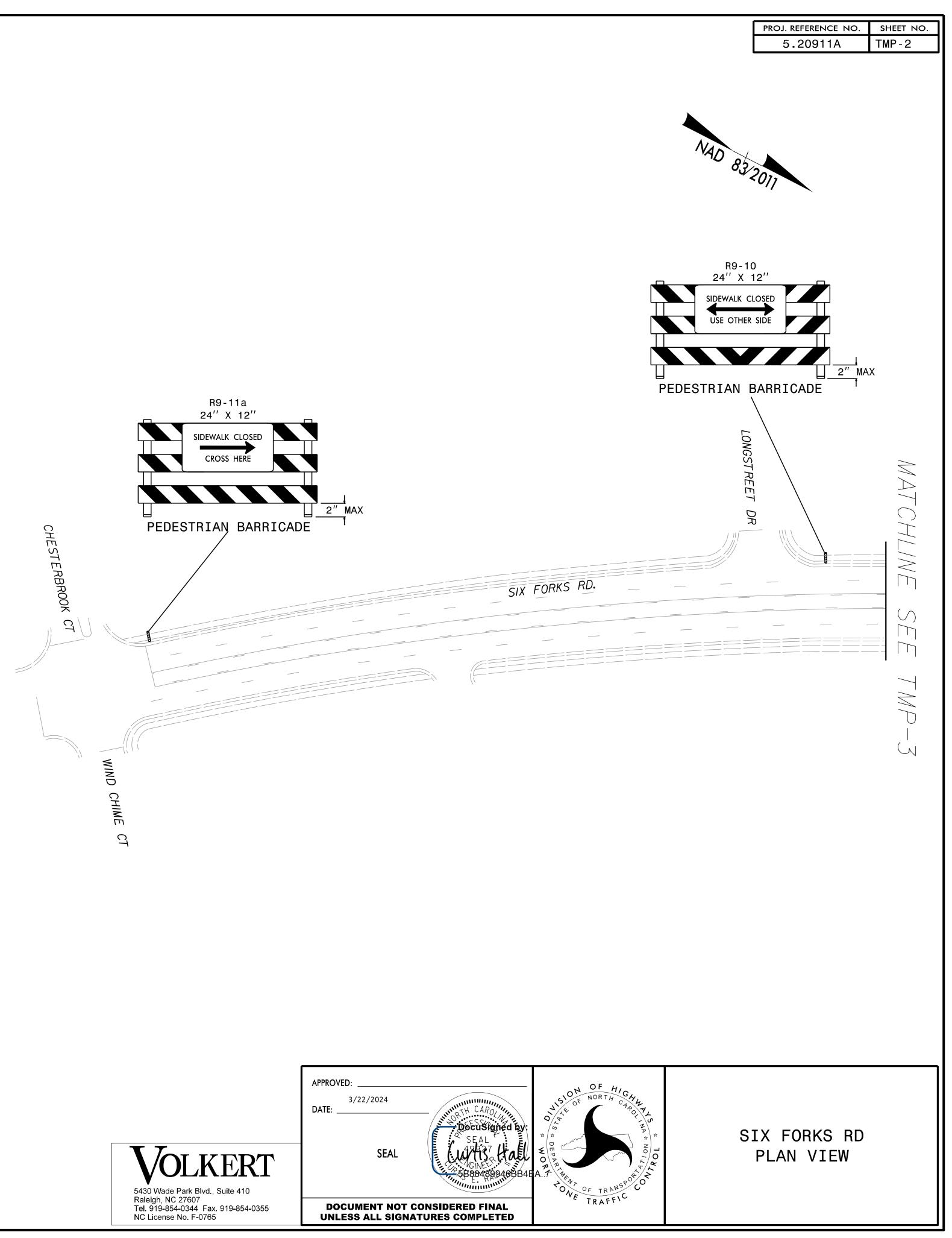


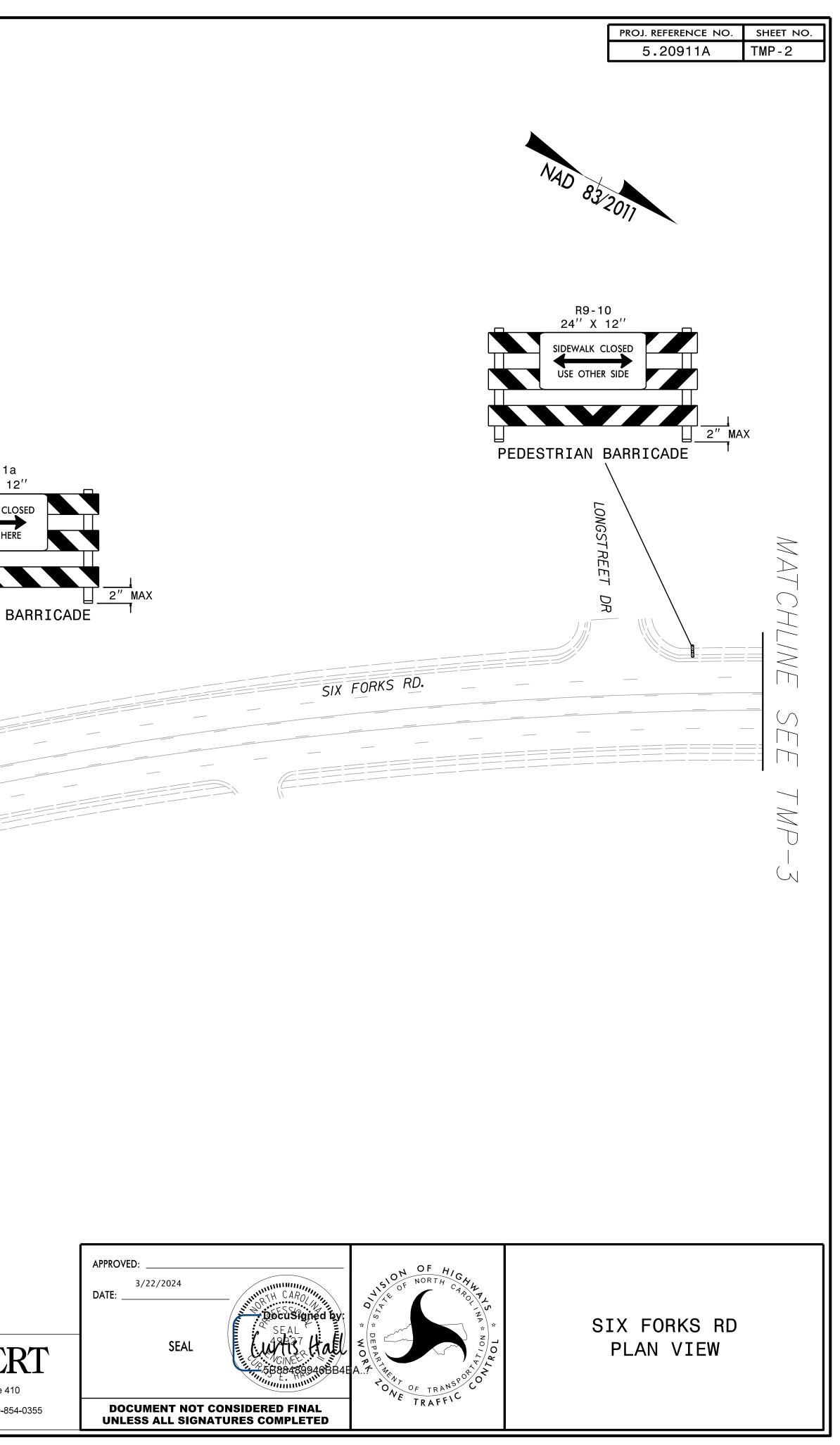


E TRAFFIC

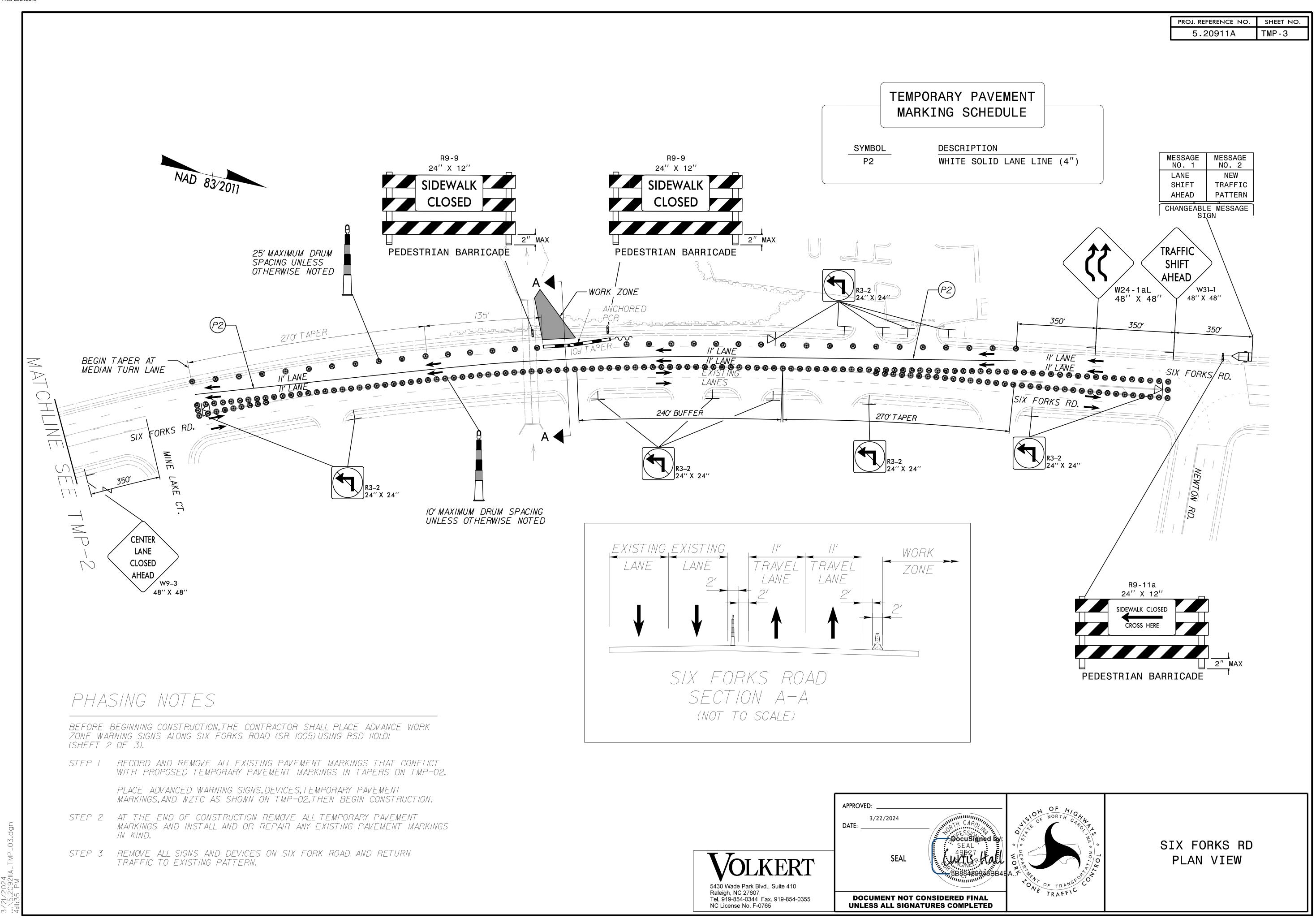
2024/2021

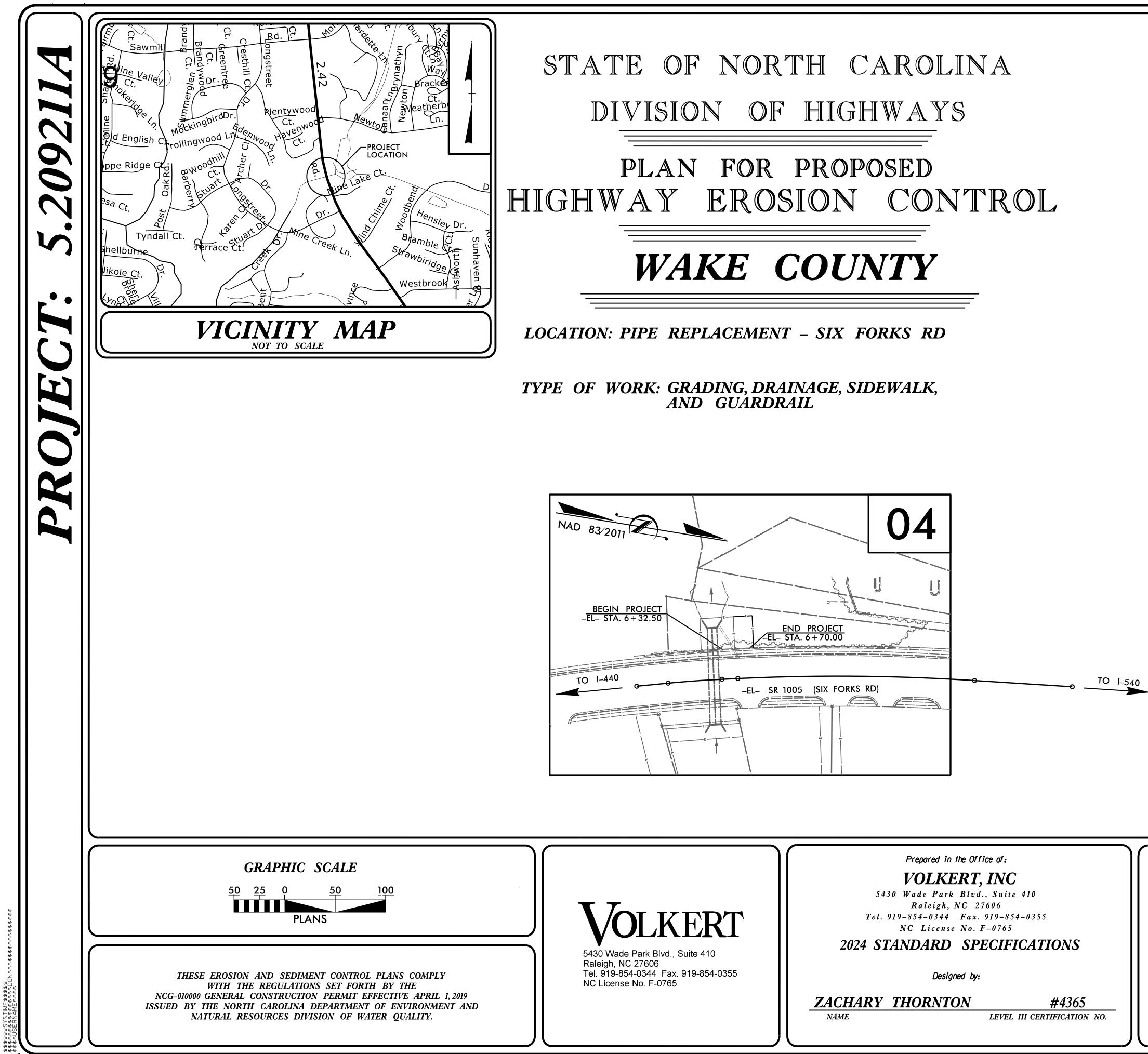
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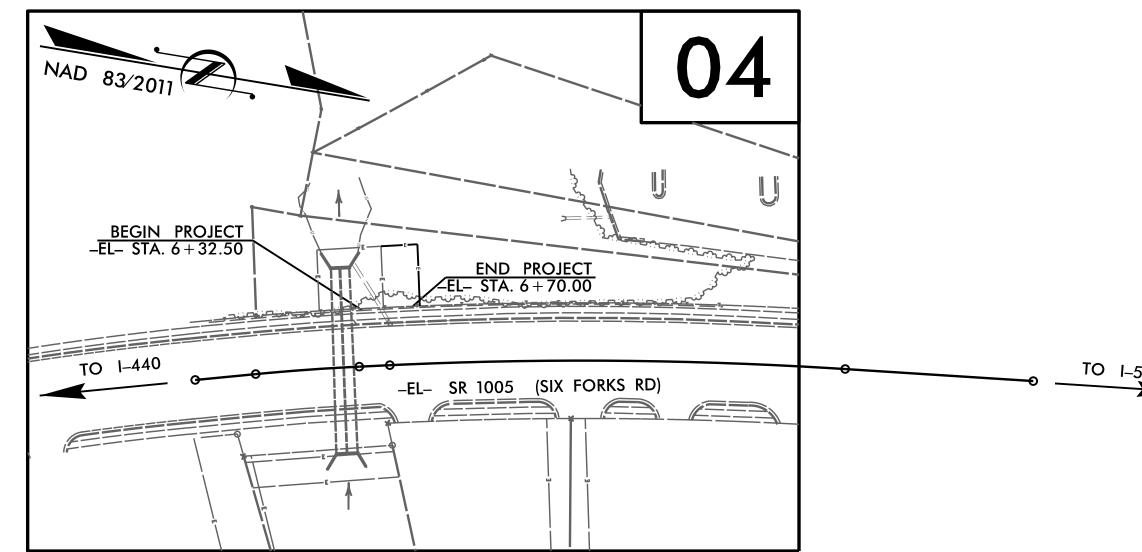












STATE	STATE	PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	5.	209211A	EC-1	9
STAT	B PROJ. NO.	F. A. PROJ. NO.	DESCRIPTI	ON

THIS PROJECT CONTAINS **EROSION CONTROL PLANS** FOR CLEARING AND **GRUBBING PHASE OF** CONSTRUCTION.

THIS PROJECT HAS **BEEN DESIGNED TO** SENSITIVE WATERSHED STANDARDS.

**ENVIRONMENTALLY** SENSITIVE AREA(S) EXIST **ON THIS PROJECT** 

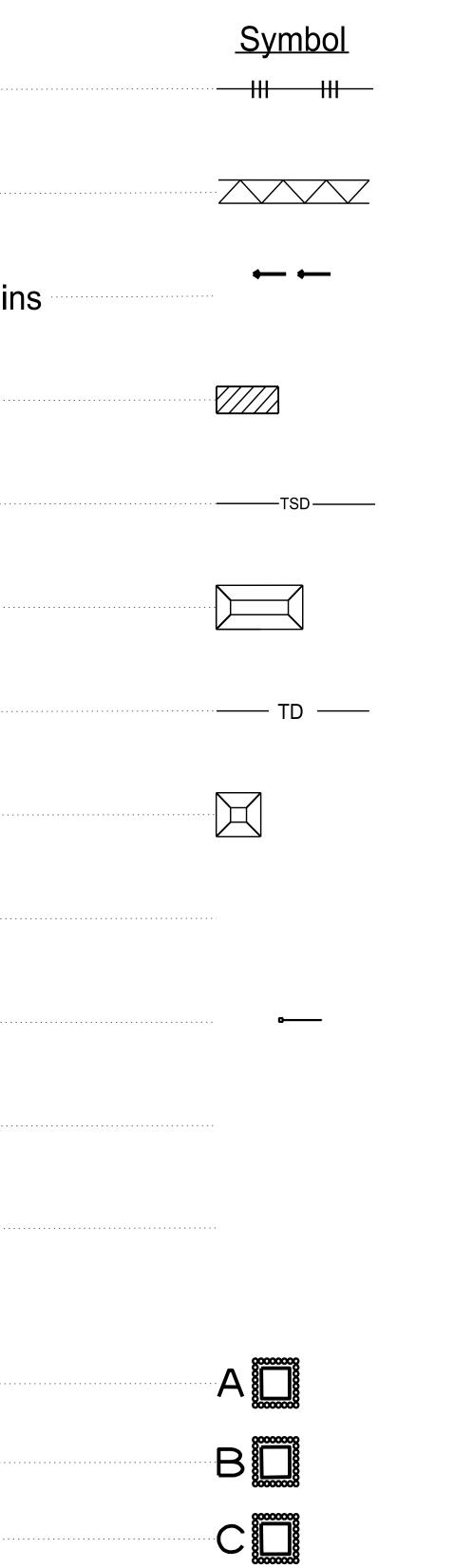
**Refer To E. C. Special Provisions** for Special Considerations.

**Roadway Standard Drawings** 

The "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2024 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

<u>Std. #</u>	<u>Description</u>
1605.01	Temporary Silt Fence
1606.01	Created Codimont Control Corpor
1606.01	Special Sediment Control Fence
1622.01	Temporary Berms and Slope Drain
1630.02	Silt Basin Type B
1630.03	Temporary Silt Ditch
1630.04	Stilling Basin
1620.05	Tamparany Diversion
1030.00	Temporary Diversion
1630.06	Special Stilling Basin
1630.07	Skimmer Basin
1630.08	Tiered Skimmer Basin
1630.09	Earthen Dam with Skimmer
	Infiltration Basin
	Rock Inlet Sediment Trap:
1632.01	Туре А
1632.02	Туре В
1632.03	Type C

# DIVISION OF HIGHWAYS



<u>Std. #</u> 1633.01	<u>Description</u> Temporary Rock Silt Check Type A
1633.02	Temporary Rock Silt Check Type B
1633.03	Temporary Rock Silt Check Type A NEXCELSION Matting and Flocculant
1634.01	Temporary Rock Sediment Dam Typ
1634.02	Temporary Rock Sediment Dam Typ
1635.01	Rock Pipe Inlet Sediment Trap Type
1635.02	Rock Pipe Inlet Sediment Trap Type
1636.01	Excelsior Wattle Check
1636.01	Excelsior Wattle Check with Floccula
1636.01	Coir Fiber Wattle Check
1636.01	Coir Fiber Wattle Check with Floccul
1636.02	Silt Fence Excelsior Wattle Break
	Silt Fence Coir Fiber Wattle Break
1636.03	Excelsior Wattle Barrier
1636.03	Coir Fiber Wattle Barrier

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	EC-1A
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

Check Type B Check Type A with Flocculant liment Dam Type A 0008000 10008000 liment Dam Type B - A 🧶 nent Trap Type A В nent Trap Type B :k ck with Flocculant ck eck with Flocculant ┣╒╒┥ Nattle Break

Wattle Break

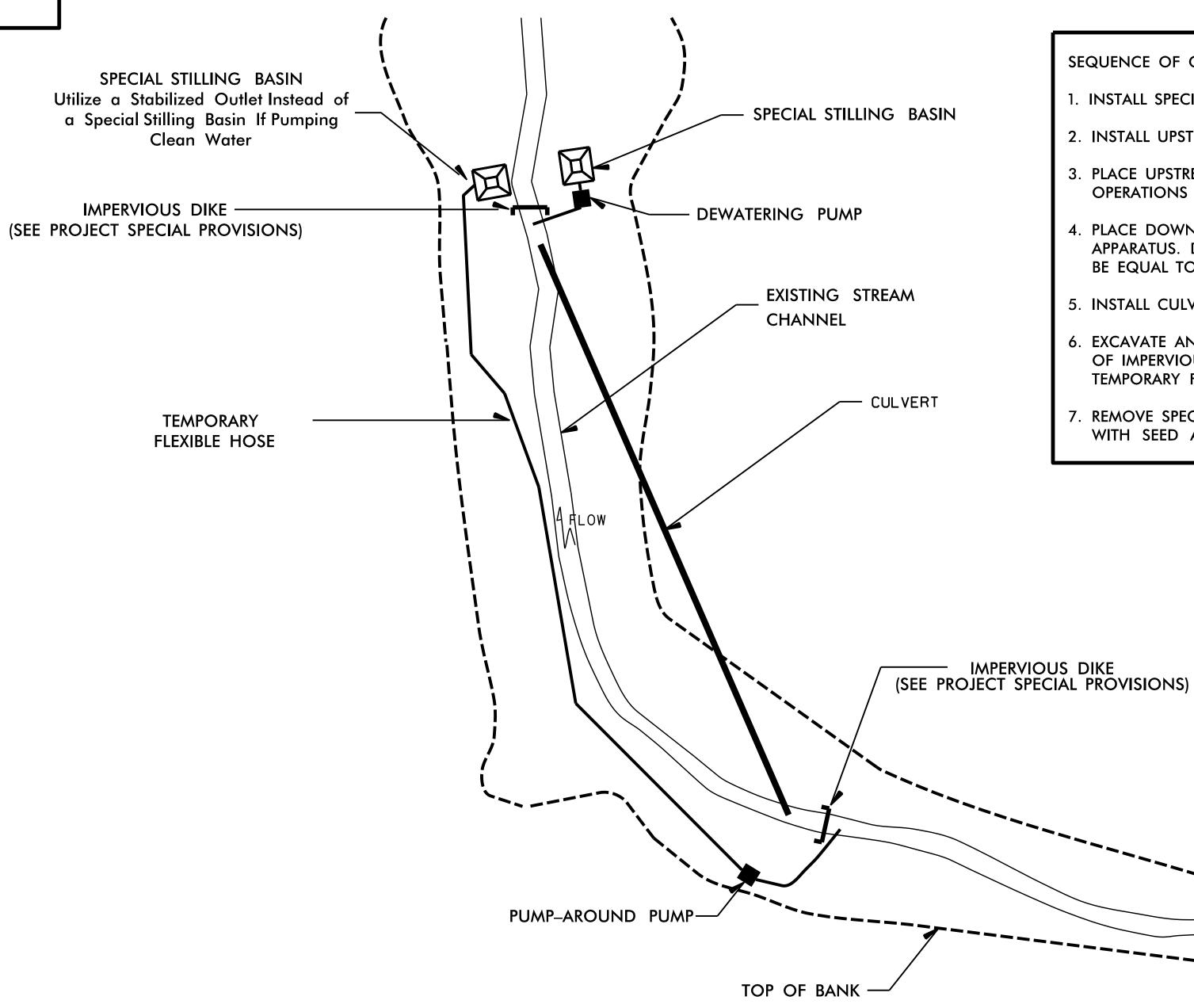
ier — EW—EW—EW—

rier — CFW—CFW—CFW—

### NOTES:

- 1) All excavation shall be performed in only dry or isolated areas of the work zone.
- 2) Impervious dikes are to be used to isolate work from stream flow when necessary.
- 3) Maintenance of stream flow operations shall be incidental to the work. This includes polyethylene sheeting, diversion pipes, pumps and hoses.
- 4) Pumps and hoses shall be of sufficient size to dewater the work area.

# EXAMPLE OF PUMP-AROUND OPERAT



ION	

PROJECT REFERENCE NO	D. SHEET NO.
5 <b>.</b> 209211A	EC-2A
R/W SHEET N	10.
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SEQUENCE OF CONSTRUCTION FOR TYPICAL WORK AREA

1. INSTALL SPECIAL STILLING BASIN(S).

2. INSTALL UPSTREAM PUMP AND TEMPORARY FLEXIBLE HOSE.

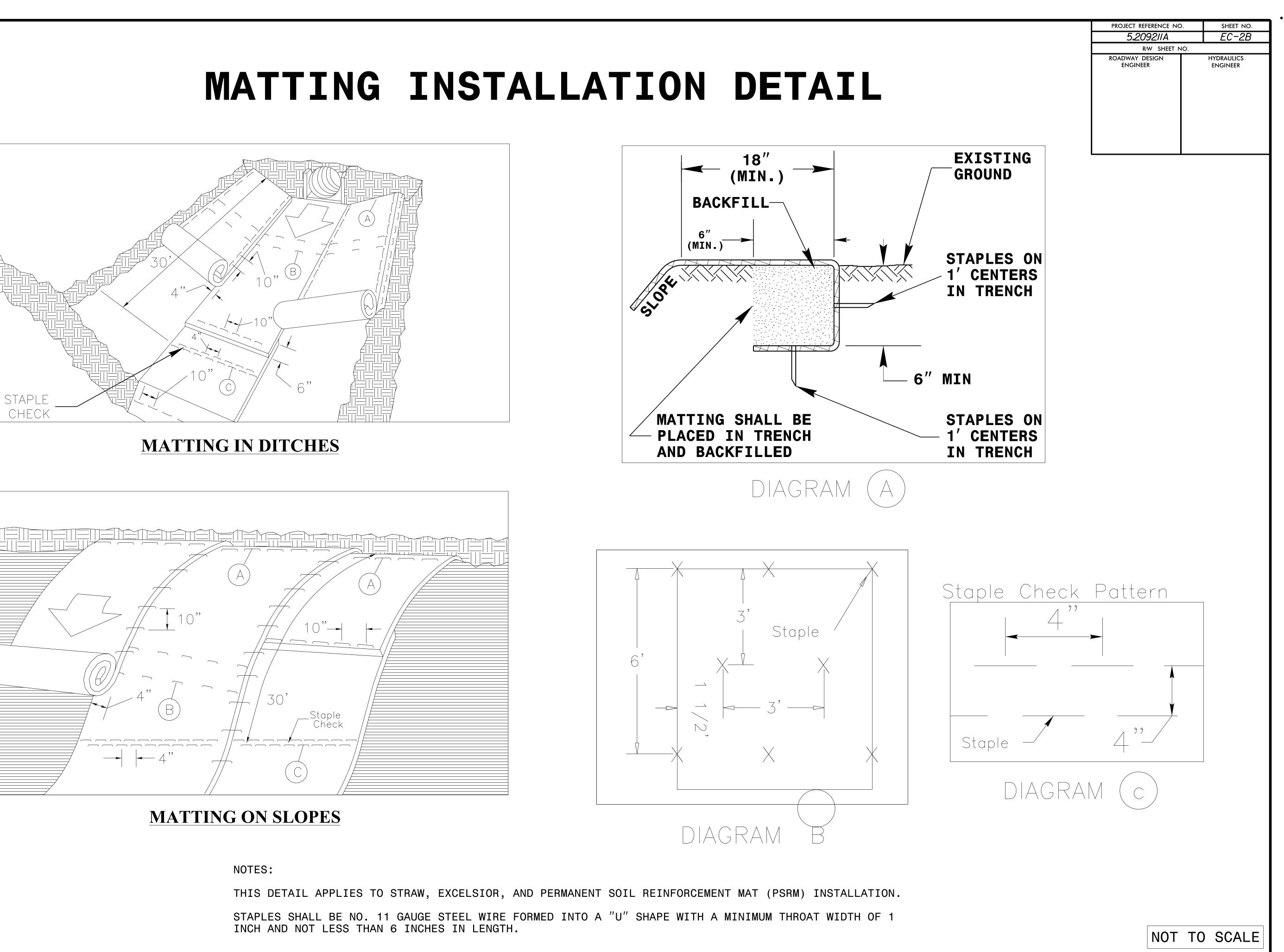
3. PLACE UPSTREAM IMPERVIOUS DIKE AND BEGIN PUMPING OPERATIONS FOR STREAM DIVERSION.

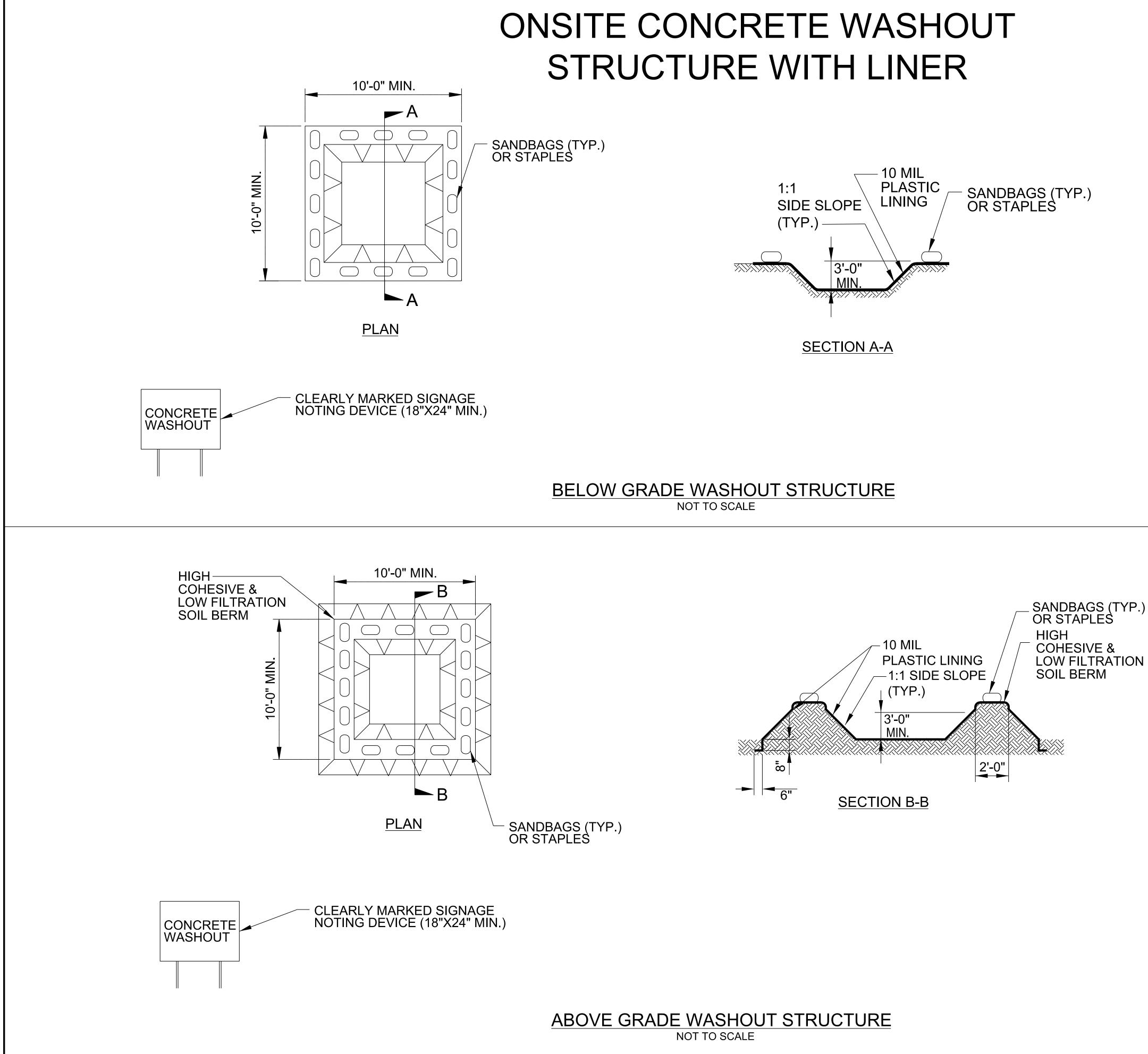
4. PLACE DOWNSTREAM IMPERVIOUS DIKE AND PUMPING APPARATUS. DEWATER ENTRAPPED AREA. AREA TO BE DEWATERED SHALL BE EQUAL TO ONE DAY'S WORK.

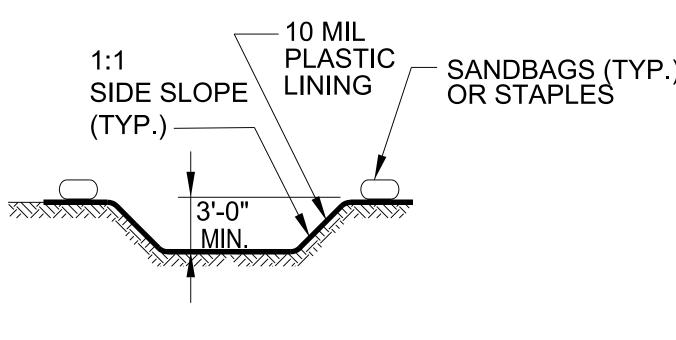
5. INSTALL CULVERT(S) IN ACCORDANCE WITH THE PLANS.

6. EXCAVATE ANY ACCUMULATED SILT AND DEWATER BEFORE REMOVAL OF IMPERVIOUS DIKES. REMOVE IMPERVIOUS DIKES, PUMPS, AND TEMPORARY FLEXIBLE HOSE. (DOWNSTREAM IMPERVIOUS DIKES FIRST).

7. REMOVE SPECIAL STILLING BASIN(S) AND BACKFILL. STABILIZE DISTURBED AREA WITH SEED AND MULCH.







PROJECT REFERENCE NO	D. SHEET NO.
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R/W SHEET N	Ю.
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTES: 1. ACTUAL LOCATION DETERMINED IN FIELD

2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.

3.CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARY MARKED WITH SIGNAGE NOTING DEVICE.

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3.CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARY MARKED WITH SIGNAGE NOTING DEVICE.

# SITE DESCRIPTION

PERIMETER DIKES, SWALES, DITCHES AND

HIGH QUALITY WATER (HQW) ZONES

SLOPES STEEPER THAN 3:

SLOPES 3:1 OR FLATTER

ALL OTHER AREAS WITH SLOPES FLATTER

# DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

# **STABILIZATION TIMEFRAMES**

	STABILIZATION TIME	Τ//
SLOPES	7 DAYS	NONE
	7 DAYS	NONE
	7 DAYS	IF SLOPES NOT STEE
	I4 DAYS	7 DAYS F LENGTH.
ER THAN 4:I	14 DAYS	NONE, EXC

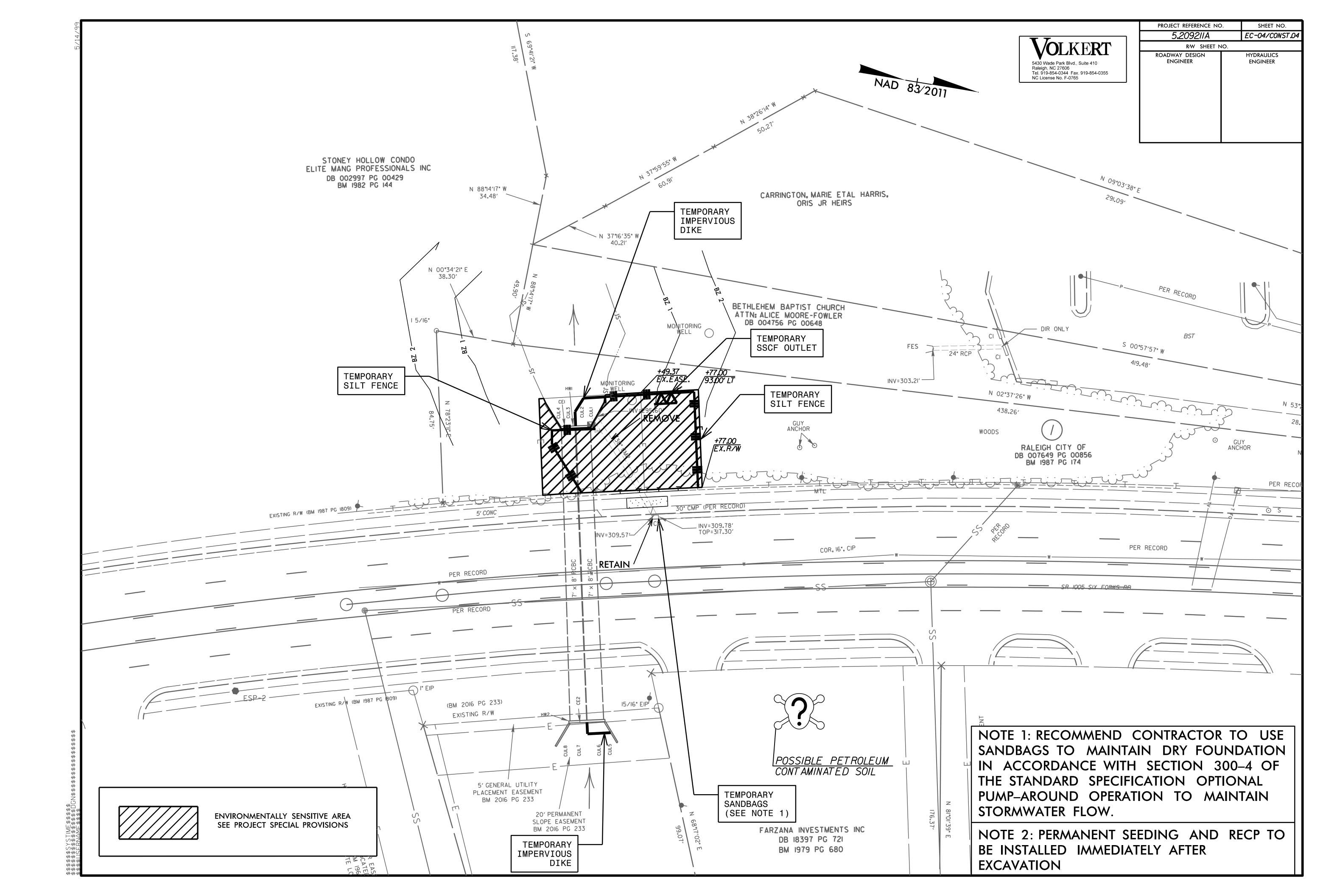
PROJECT REFERENCE NO	). SHEET NO.
5 <b>.</b> 2092//A	EC-3
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

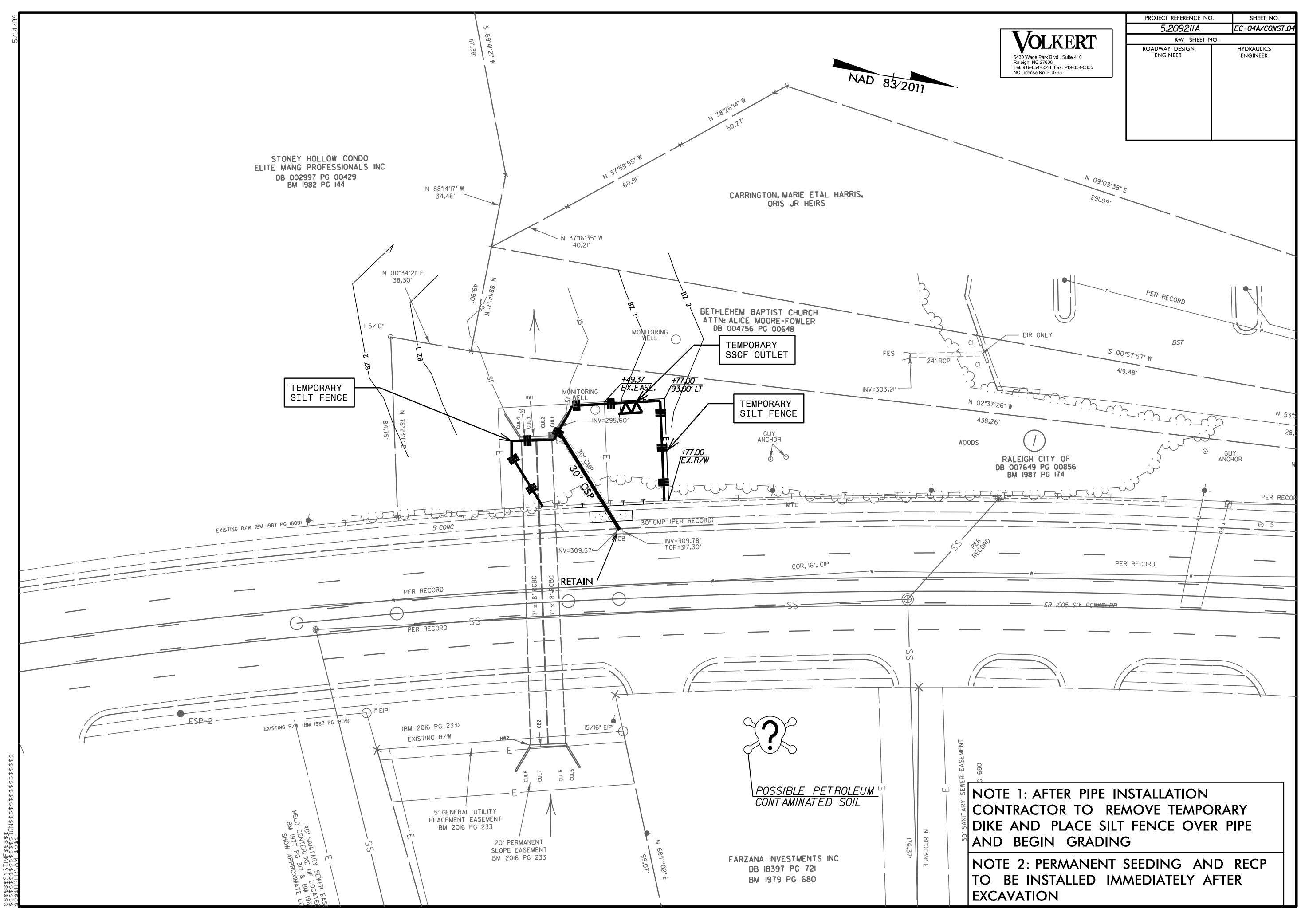


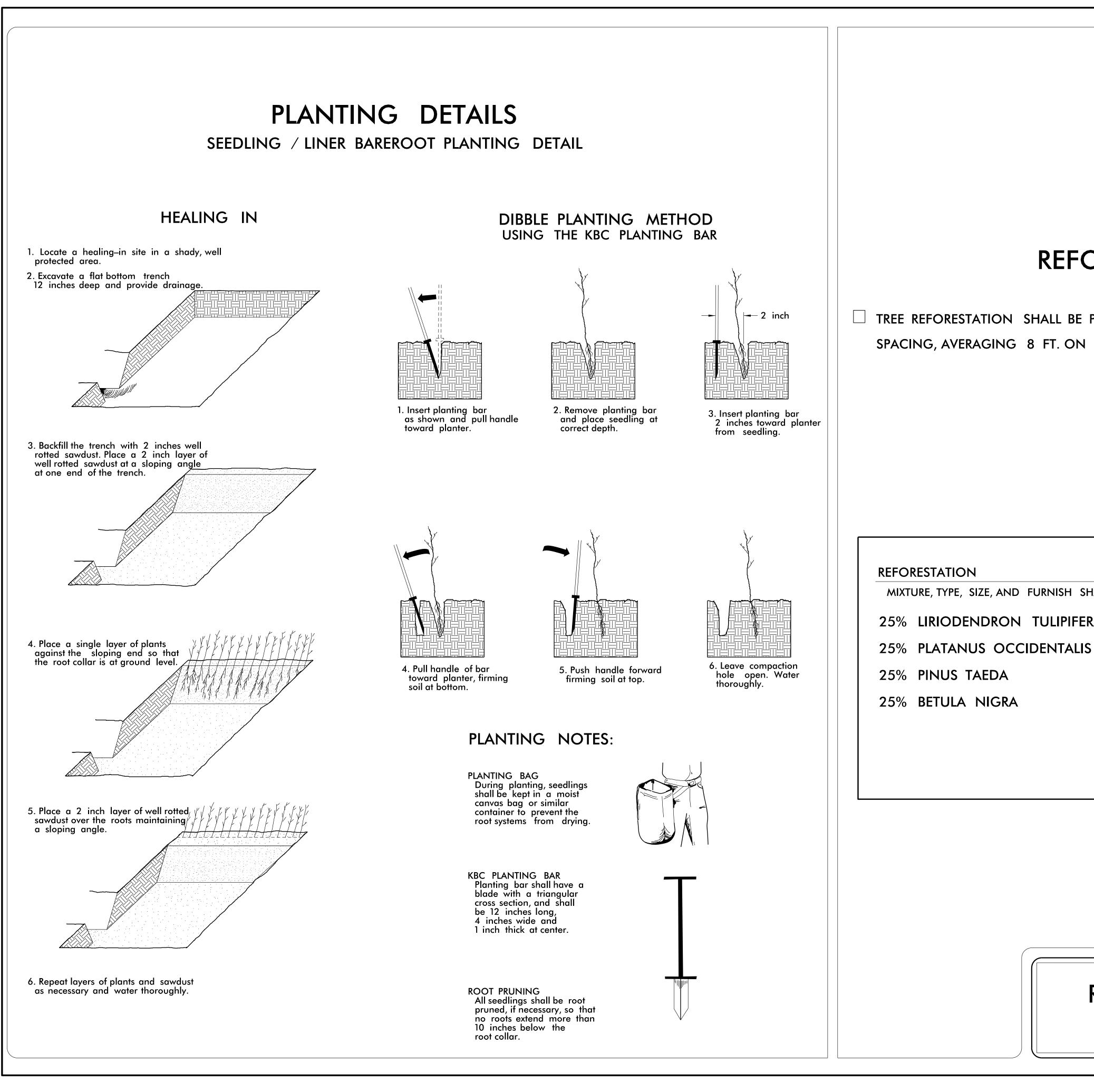
# IMEFRAME EXCEPTIONS

# ES ARE IO' OR LESS IN LENGTH AND ARE EEPER THAN 2:1, 14 DAYS ARE ALLOWED. FOR SLOPES GREATER THAN 50' IN

# CEPT FOR PERIMETERS AND HOW ZONES.







PROJECT REFERENCE NC	D. SHEET NO.
5.209211A	RF-I
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

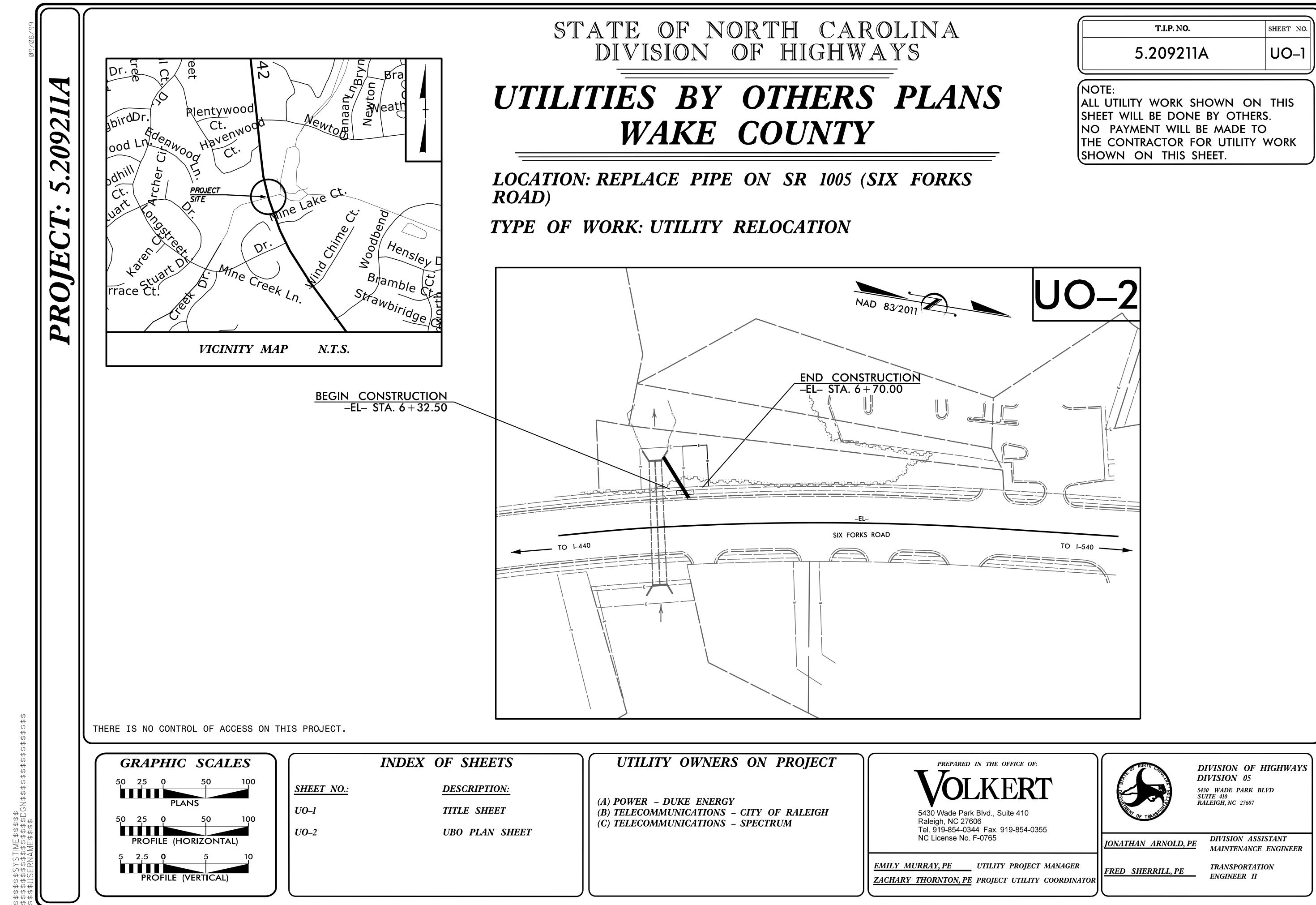
# REFORESTATION

TREE REFORESTATION SHALL BE PLANTED 6 FT. TO 10 FT. ON CENTER, RANDOM SPACING, AVERAGING 8 FT. ON CENTER, APPROXIMATELY 680 PLANTS PER ACRE.

HALL COM	NFORM TO THE FOLLOWING:	
RA	TULIP POPLAR	12 in – 18 in BR
5	AMERICAN SYCAMORE	12 in – 18 in BR
	LOBLOLLY PINE	12 in – 18 in BR
	RIVER BIRCH	12 in – 18 in BR

# **REFORESTATION DETAIL SHEET**

N.C.D.O.T. – ROADSIDE ENVIRONMENTAL UNIT



# **BOUNDARIES AND PROPERTY:**

BOUNDARIES AND PROPERTY.	
State Line	
County Line	
Township Line	
City Line	
Reservation Line	
Property Line	
Existing Iron Pin (EIP)	⊙ ⊑⊮
Computed Property Corner	— ×
Existing Concrete Monument (ECM)	·
Parcel/Sequence Number	— (123)
Existing Fence Line	xxx
Proposed Woven Wire Fence	<del>0</del>
Proposed Chain Link Fence	
Proposed Barbed Wire Fence	
Existing Wetland Boundary	WLB
Proposed Wetland Boundary	
Existing Endangered Animal Boundary —	
Existing Endangered Plant Boundary	
Existing Historic Property Boundary	
Known Contamination Area: Soil	
Potential Contamination Area: Soil	
Known Contamination Area: Water	
Potential Contamination Area: Water ——	<u> </u>
Potential Contamination Area: Water —— Contaminated Site: Known or Potential ——	
Contaminated Site: Known or Potential —	— X X
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CUL	— XXXX TURE:
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CULT Gas Pump Vent or U/G Tank Cap ————	— 🔆 🏵 TURE: — 0
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CULT Gas Pump Vent or U/G Tank Cap — Sign —	— 🔆 🏵 TURE: — O — Ş
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CULT Gas Pump Vent or U/G Tank Cap — Sign — Well —	— 🔆 🏹 TURE: — ○ — ♀ — ♀
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CULT Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine —	-
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CULT Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation —	-
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CUL: Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline —	
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CUL: Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline — Cemetery —	
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CUL: Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline — Cemetery — Building —	
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CULT Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline — Cemetery — Building — School —	
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Contaminated Site: Known or Potential — BUILDINGS AND OTHER CUL: Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline — Cemetery — Building — School — Church — Dam — HYDROLOGY:	
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CUL: Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline — Cemetery — Building — School — Church — Dam — HYDROLOGY: Stream or Body of Water —	
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CUL: Gas Pump Vent or U/G Tank Cap — Sign	
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CUL: Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline — Cemetery — Building — School — Church — Dam — HYDROLOGY: Stream or Body of Water — Hydro, Pool or Reservoir — Jurisdictional Stream _	
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CUL: Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline — Cemetery — Building — School — Church — Dam — HYDROLOGY: Stream or Body of Water — Hydro, Pool or Reservoir — Jurisdictional Stream _ Buffer Zone 1 —	
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CUL: Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline — Cemetery — Building — School — Church — Dam — HYDROLOGY: Stream or Body of Water — Hydro, Pool or Reservoir — Jurisdictional Stream — Buffer Zone 1 — Buffer Zone 2 —	- · · · · · · · · · · · · · · · · · · ·
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CUL: Gas Pump Vent or U/G Tank Cap — Sign	$ = \underbrace{\begin{array}{c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & $
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CUL: Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline — Cemetery — Building — School — Church — Dam — HYDROLOGY: Stream or Body of Water — Hydro, Pool or Reservoir — Jurisdictional Stream _ Buffer Zone 1 — Buffer Zone 2 — Flow Arrow — Disappearing Stream _	
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Contaminated Site: Known or Potential — BUILDINGS AND OTHER CUL. Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline — Cemetery — Building — School — Church — Dam — HYDROLOGY: Stream or Body of Water — Hydro, Pool or Reservoir — Jurisdictional Stream _ Buffer Zone 1 — Buffer Zone 2 — Flow Arrow — Disappearing Stream — Spring — Wetland —	$- \qquad \qquad$
Contaminated Site: Known or Potential — BUILDINGS AND OTHER CUL. Gas Pump Vent or U/G Tank Cap — Sign — Well — Small Mine — Foundation — Area Outline — Cemetery — Building — School — Church — Dam — HYDROLOGY: Stream or Body of Water — Hydro, Pool or Reservoir — Jurisdictional Stream _ Buffer Zone 1 — Buffer Zone 2 — Flow Arrow — Disappearing Stream _ Spring —	$- \qquad \qquad$

Standard RR Signe Switch · RR Abar **RR** Dismantled

Primary H Primary H Secondary Vertical Be Existing R Proposed - (F Proposed Existing P Proposed Existing C Proposed Proposed Existing Ri Proposed Existing C Proposed Proposed Existing Ec Proposed Proposed Proposed Proposed Proposed Proposed Proposed

Existing Ed Existing C Proposed Proposed Proposed Existing M Proposed Existing C Proposed Equality Sy Pavement VEGETA Single Tre Single Shr Hedge —

# STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS CONVENTIONAL PLAN SHEET SYMBOLS RAILROADS:

d Gauge	CSX TRANSPORTATION	Wood
al Milepost ————————————————————————————————————	© <i>MILEPOST 35</i>	Orcha
	SWITCH	Vineyo
ndoned		EXI

# RIGHT OF WAY & PROJECT CONTROL:

OF WAY & PROJECT CONTR	OL:
Horiz Control Point	
Horiz and Vert Control Point ———	•
ry Horiz and Vert Control Point ——	•
enchmark ———	
Right of Way Monument———	$\bigtriangleup$
Right of Way Monument ——— Rebar and Cap)	
Right of Way Monument ——— Concrete)	
Permanent Easement Monument ——	$\diamond$
Permanent Easement Monument —— Rebar and Cap)	$\bigotimes$
C/A Monument ———	$\land$
C/A Monument (Rebar and Cap) —	<b>A</b>
C⁄A Monument (Concrete) ———	
Right of Way Line	
Right of Way Line	
Control of Access Line	
Control of Access Line	
ROW and CA Line	RW CA
asement Line	-E
Temporary Construction Easement — — —	— Е ————
Temporary Drainage Easement —	- TDE
Permanent Drainage Easement —	- PDE
Permanent Drainage/Utility Easement	-DUE
Permanent Utility Easement	– PUE ———–
Temporary Utility Easement	- TUE
Aerial Utility Easement	- AUE

# ROADS AND RELATED FEATURES:

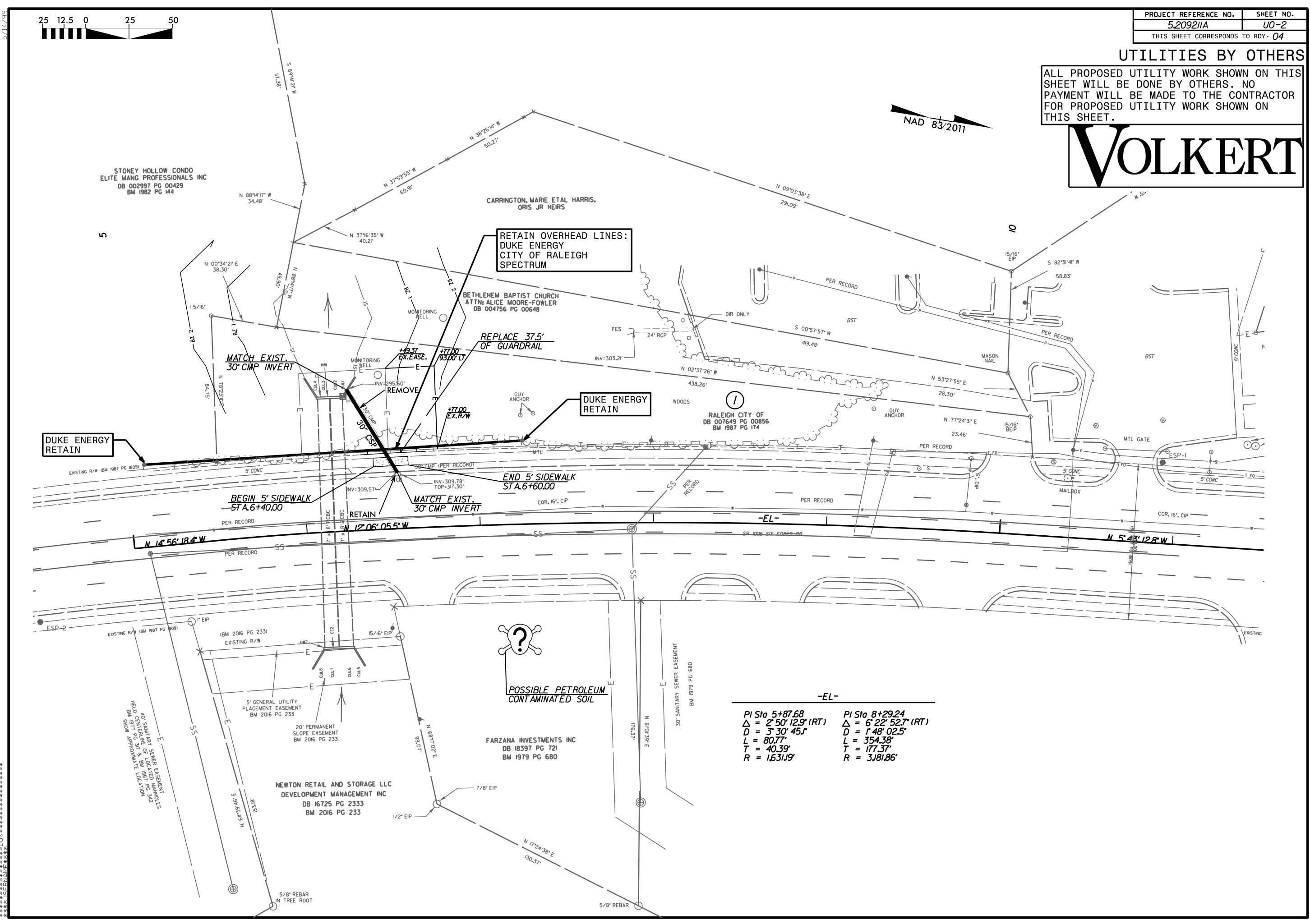
Edge of Pavement	
Curb	
Slope Stakes Cut	<u>c</u>
Slope Stakes Fill	<u>F</u>
Curb Ramp ————	CR
Netal Guardrail —————	<u> </u>
Guardrail ———	<u> </u>
Cable Guiderail ————	<u> </u>
Cable Guiderail	<u> </u>
Symbol	$\odot$
t Removal ————	$\boxtimes$
TATION:	
ee	භි
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Woods Line	
Orchard	- සි සි සි
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	CONC HW
Pipe Culvert	
Footbridge	·
Drainage Box: Catch Basin, DI or JB ———	СВ
Paved Ditch Gutter	
Storm Sewer Manhole	S
Storm Sewer	s
* SUE – Subsurface Utility Engineering LOS – Level of Service – A,B,C or D	(Accuracy)
POWER:	(Accoracy)
Existing Power Pole	
Proposed Power Pole	_
Existing Joint Use Pole	1
Proposed Joint Use Pole	-
Power Manhole	• (P)
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)*	
	P
TELEPHONE:	
Existing Telephone Pole	
Proposed Telephone Pole	-0-
Telephone Manhole	
Telephone Pedestal ————————————————————————————————————	
Telephone Cell Tower ————	
U/G Telephone Cable Hand Hole	
U/G Telephone Test Hole (SUE – LOS A)* —	
U/G Telephone Cable (SUE – LOS B)*	· t
U/G Telephone Cable (SUE – LOS C)*	·
U/G Telephone Cable (SUE – LOS D)*	ī
U/G Telephone Conduit (SUE – LOS B)*	- — — — TC— —
U/G Telephone Conduit (SUE – LOS C)*	
U/G Telephone Conduit (SUE – LOS D)*	
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

5.20	<i>)9211A</i>
WATER:	
Water Manhole	W
Water Meter	
Water Valve	$\otimes$
Water Hydrant	¢
U/G Water Line Test Hole (SUE – LOS A)* —	¥ Ø
U/G Water Line (SUE – LOS B)*	
U/G Water Line (SUE – LOS C)*	
U/G Water Line (SUE – LOS D)*	
Above Ground Water Line	
TV:	
TV Pedestal	C
TV Tower	$\otimes$
U/G TV Cable Hand Hole	E.
U/G TV Test Hole (SUE – LOS A)*	
$U/G TV Test Hole (SUE - LOS A)^{+}$	
U/G TV Cable (SUE – LOS D) 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	<b>\$</b>
U/G Gas Line Test Hole (SUE – LOS A)*	$\mathbf{\Theta}$
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	
SANITARY SEWER:	-
Sanitary Sewer Manhole	•
Sanitary Sewer Cleanout	$\oplus$
U/G Sanitary Sewer Line	
Above Ground Sanitary Sewer	
SS Force Main Line Test Hole (SUE – LOS A)	
SS Force Main Line (SUE – LOS B)* ——	
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)*—	?UTL
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

PROJECT REFERENCE NO.

SHEET NO.



\$\$\$\$\$\$\$YSTIME\$\$\$\$\$ \$\$\$\$\$\$\$\$\$\$\$\$\$\$\$DGN\$\$\$\$\$\$\$\$\$\$\$\$\$ \$\$\$\$\$CFDNAMF&&&&