

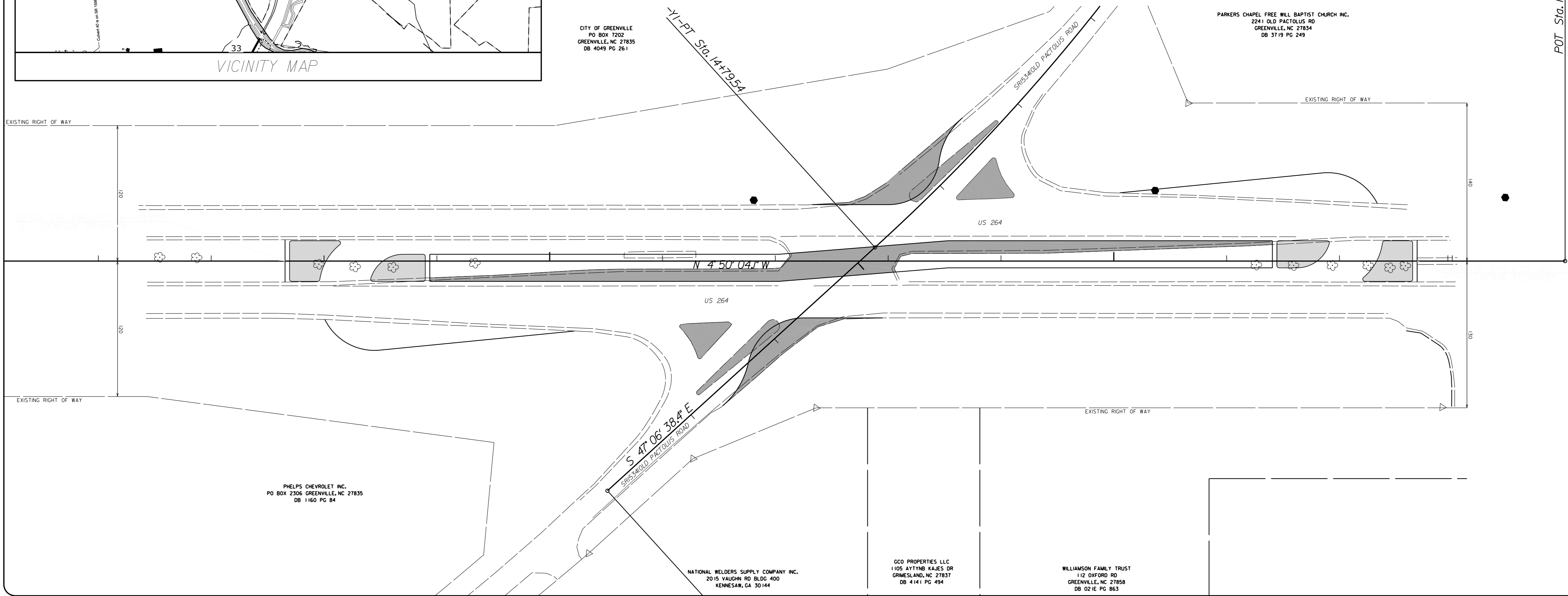
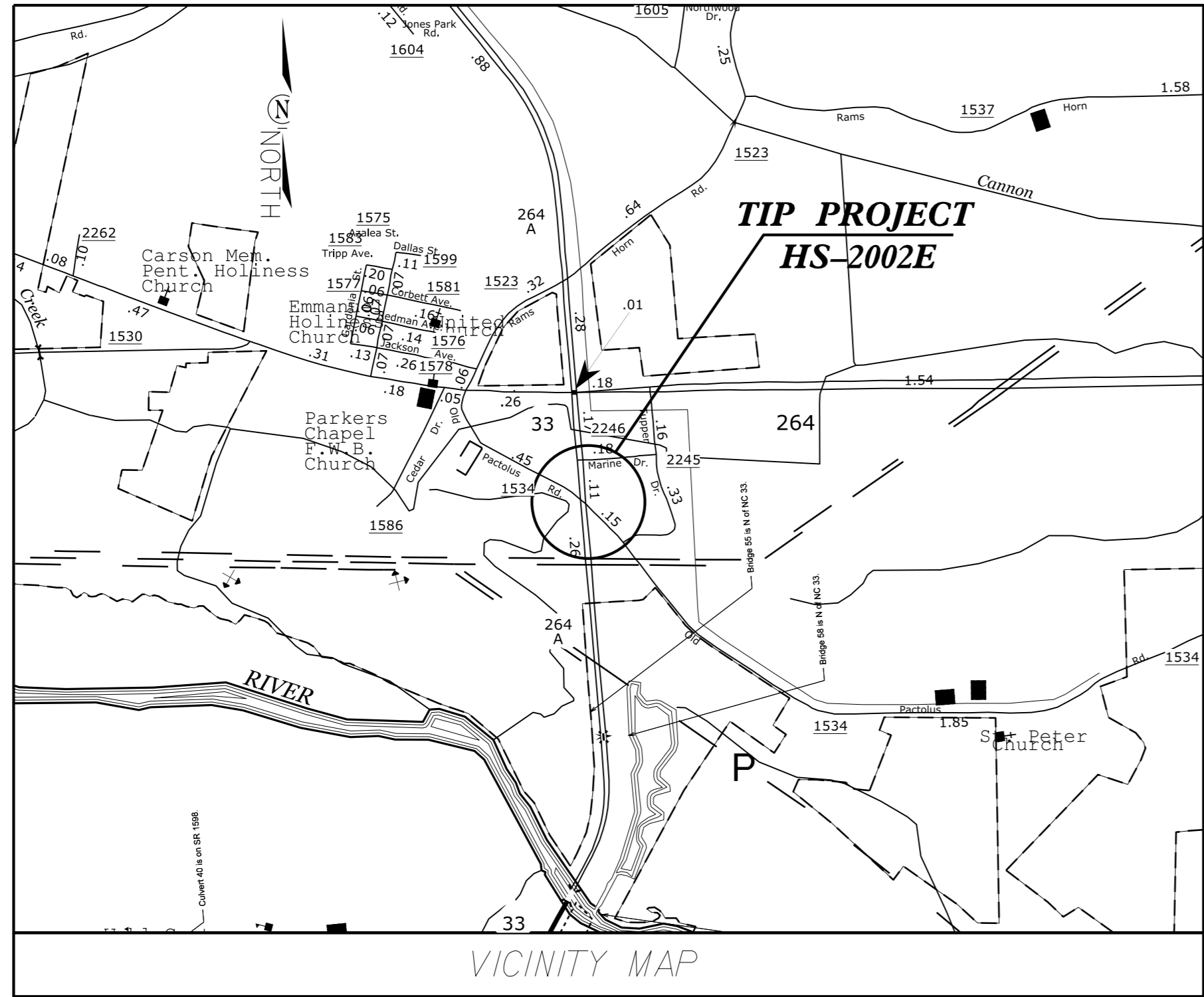
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HS-2002E	1	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
49300.1.6	HSIP-0264(074)	PE	
49300.2.6	HSIP-0264(074)	ROWUTILITY	
49300.3.6	HSIP-0264(074)	CONST	

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

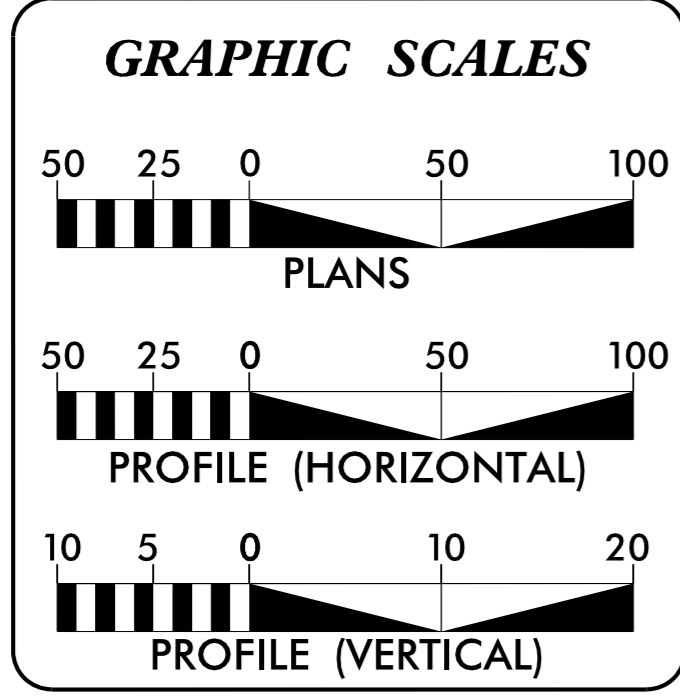
# PITT COUNTY

**LOCATION: US 264 ALTERNATE (GREENVILLE BLVD)  
AT SR 1534 (OLD PACTOLOUS ROAD.)**

**TYPE OF WORK: CONSTRUCT TURN LANES WITH BULB-OUTS AND  
CONCRETE CHANNELIZATION ISLANDS  
INSTALL NEW PAVEMENT MARKINGS CONVERTING PROJECT  
INTO A REDUCED CONFLICT INTERSECTION**



**TIP PROJECT: HS-2002E**  
**CONTRACT: DB00554**



**PROJECT LENGTH**

**TIP HS-2002E PROJECT LENGTH = 0.215 MILES**

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
1037 WH SMITH BLVD., GREENVILLE, NC 27834

2018 STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:**  
AUGUST 2022

**LETTING DATE:**  
OCTOBER 2022

**HON. F. YEUNG, PE**  
PROJECT ENGINEER

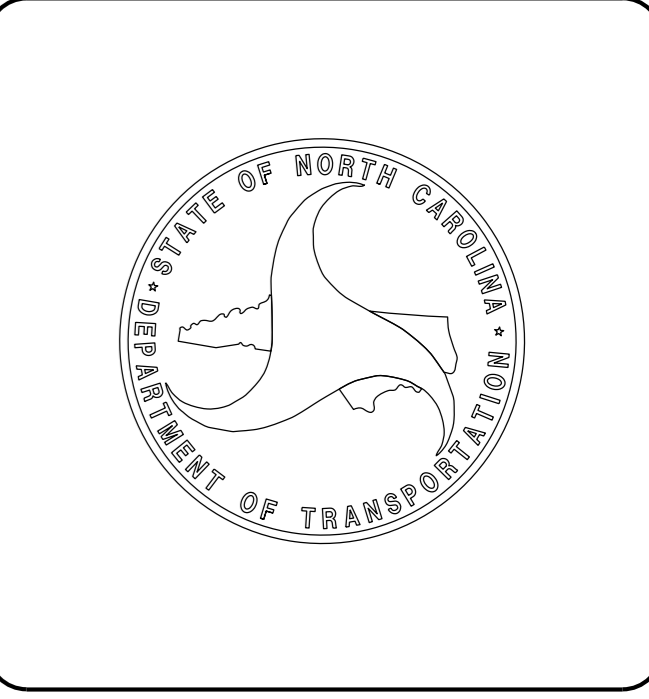
**LANG JONES**  
PROJECT DESIGN ENGINEER

**HYDRAULICS ENGINEER**

DocuSigned by:  
*Hon. Yeung*  
SIGNATURE: 7FF560D1160640C

**ROADWAY DESIGN ENGINEER**

DocuSigned by:  
*Hon. Yeung*  
SIGNATURE: 7FF560D1160640C



19-SEP-2022 13:49  
G:\PROJECTS\PITT\_HS-2002E-US264-Parkers Chapel\ParkersChapel\_pshl.dgn  
\$\$\$\$\$USERNAME\$\$\$\$\$

8/17/99

REVISIONS  
 19 SEP 2023 8:09 AM  
 C:\Users\jshelton\OneDrive\Documents\HS-2002E-US264\_Parkers\_Chapel\Packers\_Chapel\Packers\_Chapel.psh1a.dgn

SHEET NUMBER	INDEX OF SHEETS SHEET
1	TITLE SHEET
1A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS
1B	CONVENTIONAL SYMBOLS
2	PAVEMENT SCHEDULE AND TYPICAL SECTIONS
3	SUMMARY OF QUANTITIES
3A	SUMMARY OF EARTHWORK/PIPES/PAVEMENT REMOVAL
RW02C	CONTROL SHEET
4	PLAN SHEET
PM-1 THRU PM-3	PAVEMENT MARKING PLANS
EC-1 THRU EC-3	EROSION CONTROL PLANS
X-1A	CROSS-SECTION SUMMARY SHEET
X-1 THRU X-2	CROSS-SECTIONS

**GENERAL NOTES:** 2018 SPECIFICATIONS  
 EFFECTIVE: 01-16-2018  
 REVISED:

**GRADE LINE:**  
**GRADING AND SURFACING:**

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED 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 ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

**CLEARING:**

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.

**SUPERELEVATION:**

ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.05 USING THE RATE OF SUPERELEVATION AND RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.

**SHOULDER CONSTRUCTION:**

ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.02

**GUARDRAIL:**

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.

**SUBSURFACE PLANS:**

NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS.

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.

2018 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, 2018 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO.	TITLE
<b>DIVISION 2 - EARTHWORK</b>	
200.03	Method of Clearing - Method III
225.01	Guide for Grading Subgrade - Interstate and Freeway
225.05	Method of Obtaining Super-elevation - Divided Highways
<b>DIVISION 3 - PIPE CULVERTS</b>	
300.01	Method of Pipe Installation
<b>DIVISION 5 - SUBGRADE, BASES AND SHOULDERS</b>	
560.02	Method of Shoulder Construction - High Side of Super-elevated Curve - Method II
<b>DIVISION 8 - INCIDENTALS</b>	
840.72	Pipe Collar
852.01	Concrete Islands
<b>DIVISION 11 - WORK ZONE TRAFFIC CONTROL</b>	
1101.01	Work Zone Advance Warning Signs
1101.02	Temporary Lane Closures
1101.03	Temporary Shoulder Closures
1110.01	Stationary Work Zone Signs
1115.01	Flashing Arrow Boards
1130.01	Drums
1135.01	Cones
<b>DIVISION 12 - Pavement Markings, Markers AND DELINEATION</b>	
1205.01	Pavement Marking-Line Types and Offsets
1205.02	Pavement Marking-Divided and Undivided Roadways
1205.03	Pavement Marking-Interchanges
1205.08	Pavement Marking-Symbols and Word Messages
1250.01	Pavement Marker Spacing
<b>DIVISION 16 - EROSION CONTROL AND ROADSIDE DEVELOPMENT</b>	
1605.01	Temporary Silt Fence

EFF. 01-16-2018  
 REV.

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

## BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	○ <sub>EP</sub>
Computed Property Corner	→
Property Monument	□ <sub>EDM</sub>
Parcel/Sequence Number	(123)
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	----- <sub>MLB</sub>
Proposed Wetland Boundary	----- <sub>MLB</sub>
Existing Endangered Animal Boundary	----- <sub>EAB</sub>
Existing Endangered Plant Boundary	----- <sub>EPB</sub>
Existing Historic Property Boundary	----- <sub>HPB</sub>
Known Contamination Area: Soil	---S---S---
Potential Contamination Area: Soil	---S---S---
Known Contamination Area: Water	---W---W---
Potential Contamination Area: Water	---W---W---
Contaminated Site: Known or Potential	☠ ?

## BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	○ <sub>S</sub>
Well	○ <sub>W</sub>
Small Mine	✕
Foundation	□
Area Outline	□
Cemetery	□ <sub>+</sub>
Building	□ <sub>+</sub>
School	□ <sub>+</sub>
Church	□ <sub>+</sub>
Dam	□ <sub>+</sub>

## HYDROLOGY:

Stream or Body of Water	-----
Hydro, Pool or Reservoir	-----
Jurisdictional Stream	----- <sub>JS</sub>
Buffer Zone 1	----- <sub>BZ 1</sub>
Buffer Zone 2	----- <sub>BZ 2</sub>
Flow Arrow	←
Disappearing Stream	-----
Spring	○
Wetland	-----
Proposed Lateral, Tail, Head Ditch	-----
False Sump	-----

## RAILROADS:

Standard Gauge	-----
RR Signal Milepost	○ <sub>MILEPOST 35</sub>
Switch	□ <sub>SWITCH</sub>
RR Abandoned	-----
RR Dismantled	-----

## RIGHT OF WAY & PROJECT CONTROL:

Secondary Horiz and Vert Control Point	◆
Primary Horiz Control Point	○
Primary Horiz and Vert Control Point	◆
Exist Permanent Easement Pin and Cap	◇
New Permanent Easement Pin and Cap	◆
Vertical Benchmark	▲
Existing Right of Way Marker	△
Existing Right of Way Line	-----
New Right of Way Line	----- <sub>R/W</sub>
New Right of Way Line with Pin and Cap	----- <sub>R/W</sub> ▲
New Right of Way Line with Concrete or Granite RW Marker	----- <sub>R/W</sub> ▲
New Control of Access Line with Concrete C/A Marker	----- <sub>C/A</sub> ▲
Existing Control of Access	----- <sub>C/A</sub>
New Control of Access	----- <sub>C/A</sub>
Existing Easement Line	----- <sub>E</sub>
New Temporary Construction Easement	----- <sub>E</sub>
New Temporary Drainage Easement	----- <sub>TDE</sub>
New Permanent Drainage Easement	----- <sub>PDE</sub>
New Permanent Drainage / Utility Easement	----- <sub>DUE</sub>
New Permanent Utility Easement	----- <sub>PUE</sub>
New Temporary Utility Easement	----- <sub>TUE</sub>
New Aerial Utility Easement	----- <sub>AUE</sub>

## ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	----- <sub>C</sub>
Proposed Slope Stakes Fill	----- <sub>F</sub>
Proposed Curb Ramp	----- <sub>CR</sub>
Existing Metal Guardrail	-----
Proposed Guardrail	-----
Existing Cable Guiderail	-----
Proposed Cable Guiderail	-----
Equality Symbol	⊕
Pavement Removal	-----

## VEGETATION:

Single Tree	○
Single Shrub	○

Note: Not to Scale

\*S.U.E. = Subsurface Utility Engineering

Hedge	-----
Woods Line	-----
Orchard	-----
Vineyard	----- <sub>Vineyard</sub>

## EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	----- <sub>CONC</sub>
Bridge Wing Wall, Head Wall and End Wall	----- <sub>CONC WW</sub>
MINOR:	
Head and End Wall	----- <sub>CONC HW</sub>
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	□ <sub>CB</sub>
Paved Ditch Gutter	-----
Storm Sewer Manhole	○ <sub>S</sub>
Storm Sewer	----- <sub>S</sub>

## UTILITIES:

POWER:	
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 LOS B (S.U.E.*)	----- <sub>P</sub>
U/G Power Line LOS C (S.U.E.*)	----- <sub>P</sub>
U/G Power Line LOS D (S.U.E.*)	----- <sub>P</sub>

## TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	⊕
Telephone Pedestal	⊕
Telephone Cell Tower	⊗
U/G Telephone Cable Hand Hole	●
U/G Telephone Cable LOS B (S.U.E.*)	----- <sub>T</sub>
U/G Telephone Cable LOS C (S.U.E.*)	----- <sub>T</sub>
U/G Telephone Cable LOS D (S.U.E.*)	----- <sub>T</sub>
U/G Telephone Conduit LOS B (S.U.E.*)	----- <sub>TC</sub>
U/G Telephone Conduit LOS C (S.U.E.*)	----- <sub>TC</sub>
U/G Telephone Conduit LOS D (S.U.E.*)	----- <sub>TC</sub>
U/G Fiber Optics Cable LOS B (S.U.E.*)	----- <sub>T FO</sub>
U/G Fiber Optics Cable LOS C (S.U.E.*)	----- <sub>T FO</sub>
U/G Fiber Optics Cable LOS D (S.U.E.*)	----- <sub>T FO</sub>

## WATER:

Water Manhole	⊕
Water Meter	○
Water Valve	⊗
Water Hydrant	⊕
U/G Water Line LOS B (S.U.E.*)	----- <sub>W</sub>
U/G Water Line LOS C (S.U.E.*)	----- <sub>W</sub>
U/G Water Line LOS D (S.U.E.*)	----- <sub>W</sub>
Above Ground Water Line	----- <sub>A/G Water</sub>

## TV:

TV Pedestal	⊕
TV Tower	⊗
U/G TV Cable Hand Hole	●
U/G TV Cable LOS B (S.U.E.*)	----- <sub>TV</sub>
U/G TV Cable LOS C (S.U.E.*)	----- <sub>TV</sub>
U/G TV Cable LOS D (S.U.E.*)	----- <sub>TV</sub>
U/G Fiber Optic Cable LOS B (S.U.E.*)	----- <sub>TV FO</sub>
U/G Fiber Optic Cable LOS C (S.U.E.*)	----- <sub>TV FO</sub>
U/G Fiber Optic Cable LOS D (S.U.E.*)	----- <sub>TV FO</sub>

## GAS:

Gas Valve	◇
Gas Meter	◇
U/G Gas Line LOS B (S.U.E.*)	----- <sub>G</sub>
U/G Gas Line LOS C (S.U.E.*)	----- <sub>G</sub>
U/G Gas Line LOS D (S.U.E.*)	----- <sub>G</sub>
Above Ground Gas Line	----- <sub>A/G Gas</sub>

## SANITARY SEWER:

Sanitary Sewer Manhole	⊕
Sanitary Sewer Cleanout	⊕
U/G Sanitary Sewer Line	----- <sub>SS</sub>
Above Ground Sanitary Sewer	----- <sub>A/G Sanitary Sewer</sub>
SS Forced Main Line LOS B (S.U.E.*)	----- <sub>FSS</sub>
SS Forced Main Line LOS C (S.U.E.*)	----- <sub>FSS</sub>
SS Forced Main Line LOS D (S.U.E.*)	----- <sub>FSS</sub>

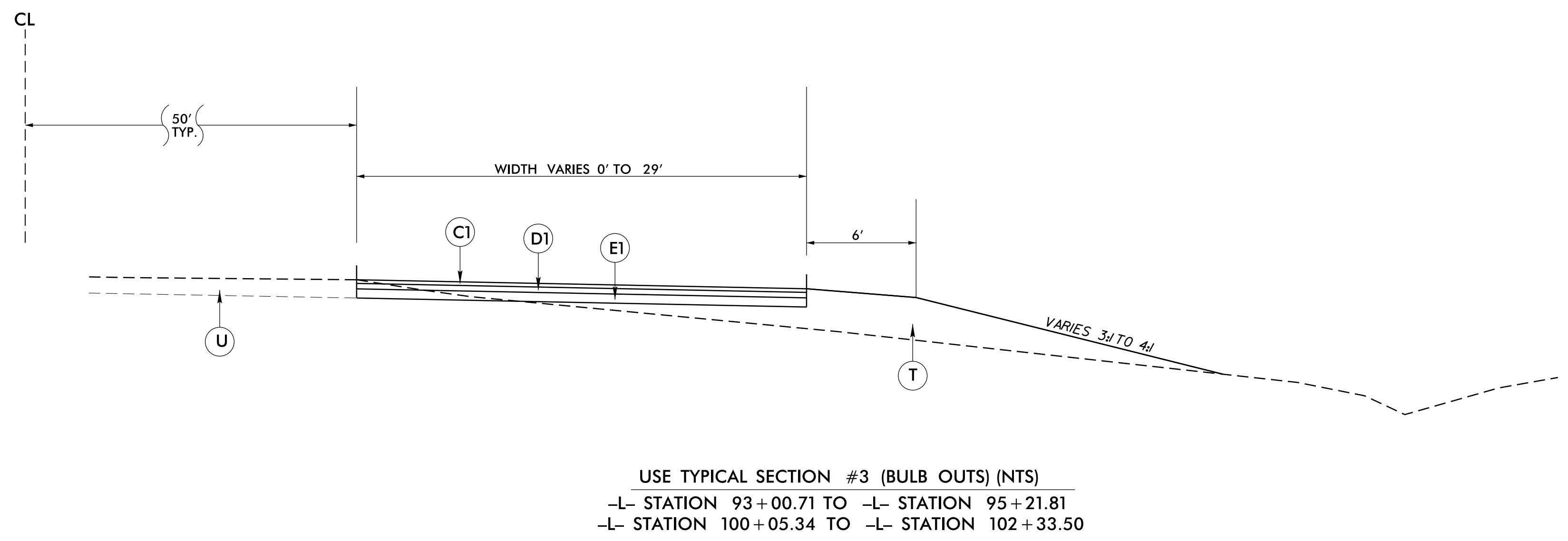
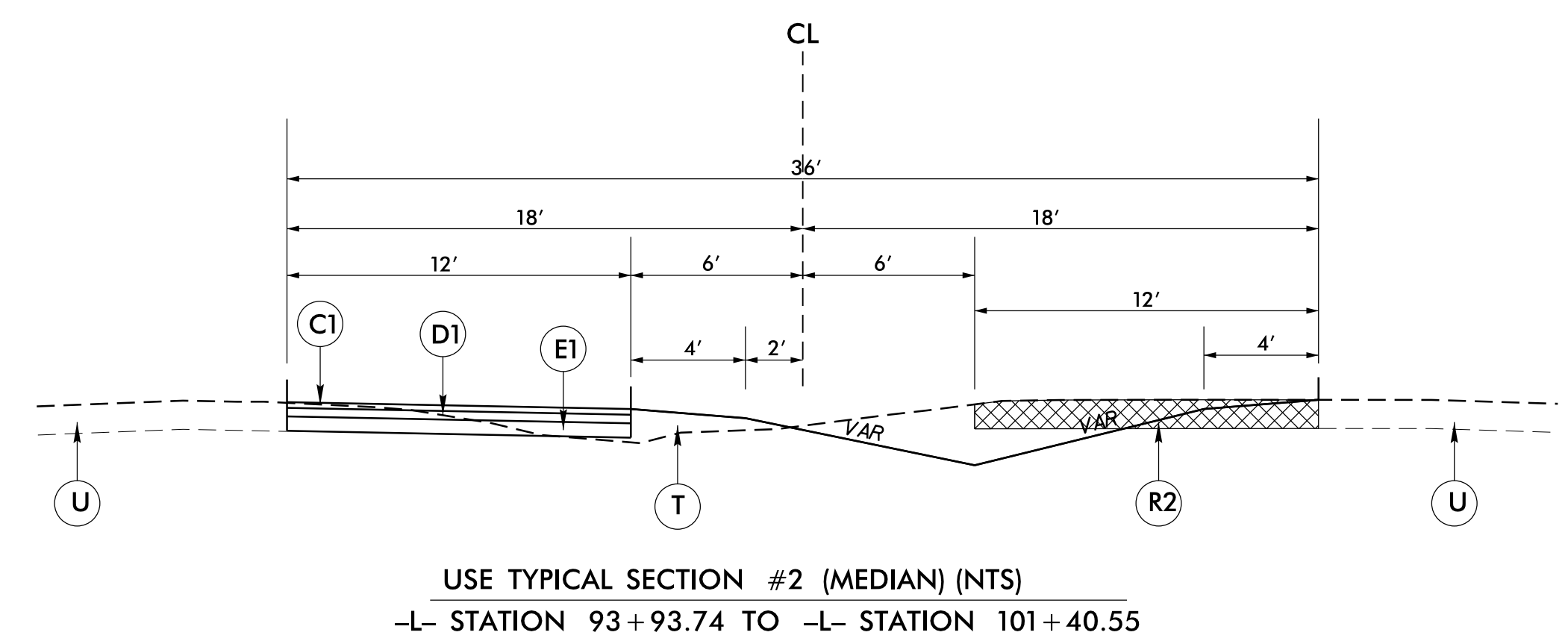
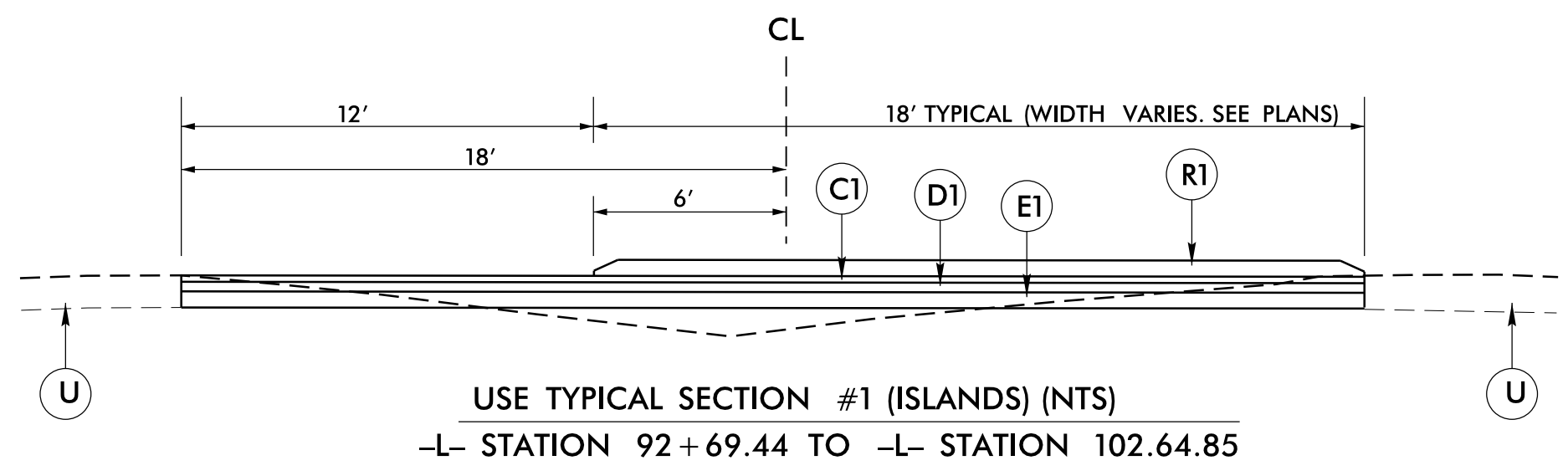
## MISCELLANEOUS:

Utility Pole	●
Utility Pole with Base	□
Utility Located Object	○
Utility Traffic Signal Box	⊕
Utility Unknown U/G Line LOS B (S.U.E.*)	----- <sub>UTIL</sub>
U/G Tank; Water, Gas, Oil	□
Underground Storage Tank, Approx. Loc.	⊕
A/G Tank; Water, Gas, Oil	□
Geoenvironmental Boring	⊕
U/G Test Hole LOS A (S.U.E.*)	⊕
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.



<b>C1</b>	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
<b>D1</b>	PROP. APPROX. 3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
<b>E1</b>	PROP. APPROX. 5" DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
<b>R1</b>	PROP. 5" MONOLITHIC CONCRETE ISLAND (SURFACE MOUNTED)
<b>R2</b>	ASPHALT PAVEMENT REMOVAL.
<b>T</b>	EARTH MATERIAL.
<b>U</b>	EXISTING PAVEMENT.

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



REVISIONS

8/17/99

I:\SEP 2002\PROJECTS\HS-2002E-US264\_Parkers Chapel\Parkeers Chapel\HS-2002E-US264\_Parkers Chapel\Parkeers Chapel\psh2.dgn  
 9:55:02 AM 8/17/99  
 \$\$\$\$\$\$

REVISIONS

I:\SEP 2002\PROJECT\HS-2002E-US264\_Parkers\_Chapel\Parke'sChapel1.psh3.dgn

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**SUMMARY OF QUANTITIES**

SECT	QUANTITY	UNIT	ITEM DESCRIPTION
800	1	LS	MOBILIZATION
801	1	LS	CONSTRUCTION SURVEYING
226	1	LS	GRADING
300	10	TON	FOUNDATION CONDITIONING MATERIAL,MINOR STRUCTURES
300	10	SY	FOUNDATION CONDITIONING GEOTEXTILE
310	10	LF	18" RC PIPE CULVERTS,CLASS III
610	770	TON	ASPHALT CONCRETE BASE COURSE,TYPE B25.0C
610	470	TON	ASPHALT CONCRETE BINDER COURSE,TYPE I19.0C
610	230	TON	ASPHALT CONCRETE SURFACE COURSE,TYPE S9.5B
620	75	TON	ASPHALT BINDER FOR PLANT MIX
840	0.4465	CY	PIPE COLLARS
840	1	EA	MASONRY DRAINAGE STRUCTURES
840	1	EA	FRAME WITH TWO GRATES,STD 840.24
852	484.5	SY	5' MONOLITHIC CONCRETE ISLAND (SURFACE MOUNTED)
SP	1	LS	TEMPORARY TRAFFIC CONTROL
SP	96	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNS
1205	4,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6",90MILS)
1205	1,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8",90MILS)
1205	100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24",90MILS)
1205	6	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90MILS)
1205	600	LF	REMOVAL OF PAVEMENT MARKING LINES,6"
1205	5	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS
1605	700	LF	TEMPORARY SILT FENCE
1610	10	TON	SEDIMENT CONTROL STONE
1631	50	SY	MATTING FOR EROSION CONTROL (CONTINGENCY)
1632	25	LF	1/4" HARDWARE CLOTH
SP	50	LF	COIR FIBER WATTLE
SP	1	LB	POLYACRYAMIDE (PAM)
1660	1	ACRE	SEEDING AND MULCHING
1661	50	LB	SEED FOR REPAIR SEEDING
1661	0.2	TON	FERTILIZER FOR REPAIR SEEDING
SP	3	EA	RESPONSE FOR EROSION CONTROL
SP	1	EA	CONCRETE WASHOUT STRUCTURE



# SURVEY CONTROL SHEET

**W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION**

### BASELINE

BL	POINT	DESC.	NORTH	EAST	ELEVATION	BL STATION	OFFSET
3		BL - 3	685293.5160	2496508.7520	21.69	5+00.00	0.00
2		BL - 2	685647.2380	2496470.2480	21.53	8+55.81	0.00
1		BL - 1	685957.0200	2496450.2340	21.34	11+66.24	0.00

### ALIGNMENT

L				
POINT	N	E	BEARING	DIST
POT	684619.606	2496619.836		
LINE			N 04°50'04.1" W	1400.00
POT	686014.625	2496501.847		

Y1									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	685679.307	2496150.412							
CURVE			S 54°51'08.4" E	478.06	15°35'06.0"(RT)	03°15'00.0"	479.54	241.26	1762.95
PT	685404.093	2496541.310							
LINE			S 47°06'38.4" E	320.46					
POT	685185.993	2496776.101							

**NOTES:**

I. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

REVISIONS

8/17/99

I:\\$FIS 2025\PROJECT\HS-2002E-US264\_Parkers Chapel\Parkers Chapel\ParkersChapel.psh\_rw02c.dgn

PROJECT REFERENCE NO. HS-2002E	SHEET NO. 4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

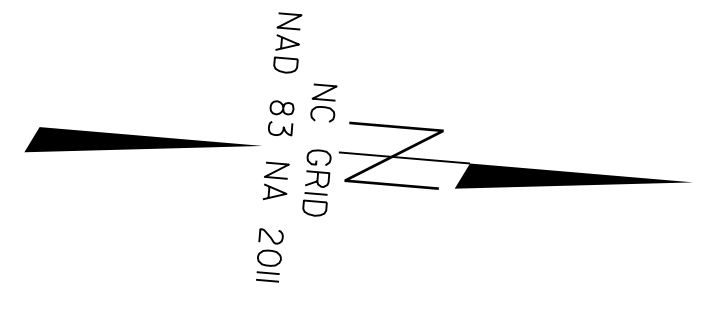
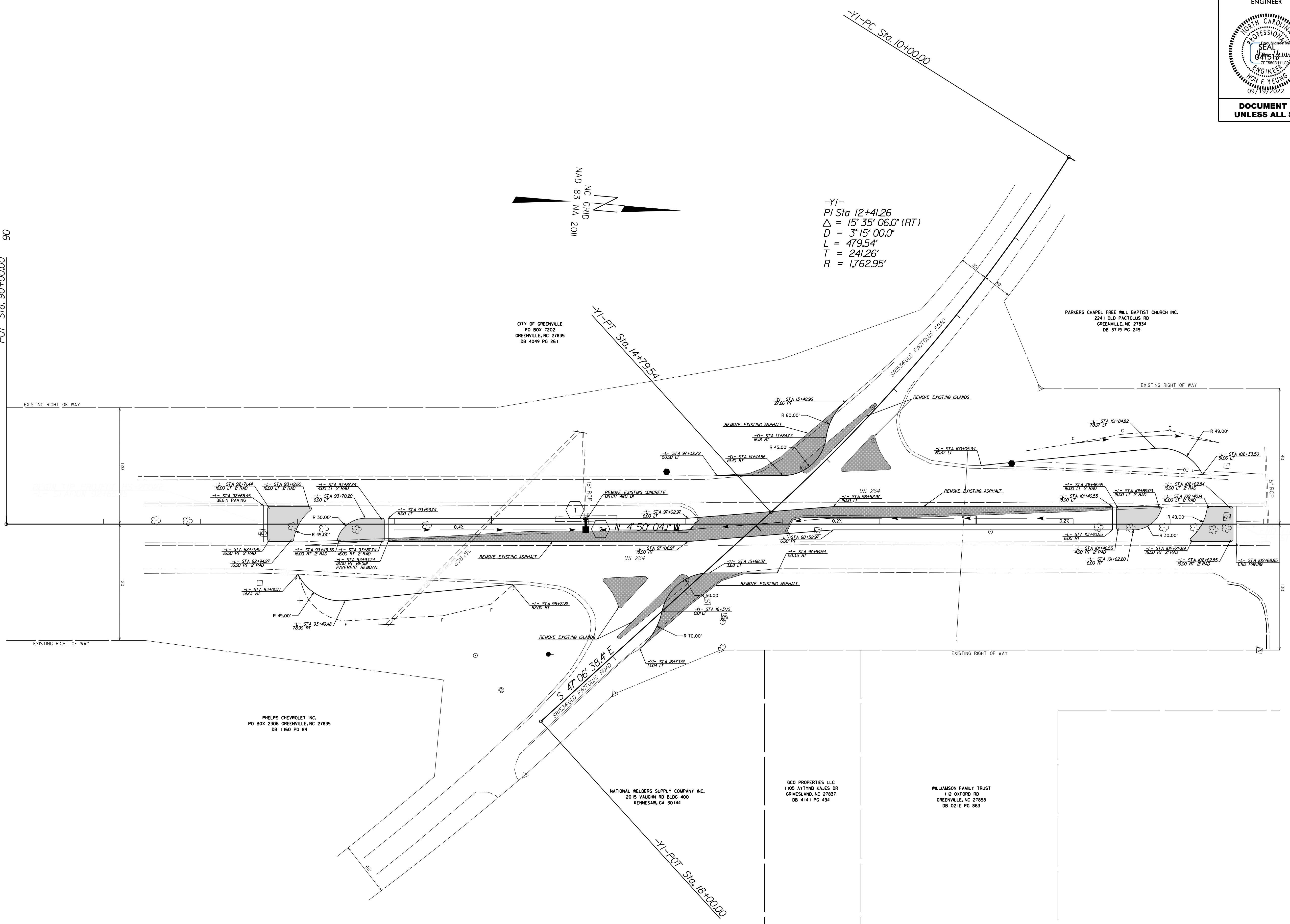
8/17/99

REVISIONS

19 SEP 2023 8:50 AM C:\Users\Chapel1\OneDrive\Documents\HS-2002E\_US264\_Parker-Chapel1.psk4.dgn  
 3:58 PM US264E.dwg \$\$\$\$\$\$

POT Sta. 90+00.00 90

POT Sta. 104+00.00



-YI-  
 PI Sta 12+41.26  
 $\Delta = 15^\circ 35' 06.0''$  (RT)  
 $D = 3' 15' 00.0''$   
 $L = 479.54'$   
 $T = 241.26'$   
 $R = 1,762.95'$

CITY OF GREENVILLE  
 PO BOX 7202  
 GREENVILLE, NC 27835  
 DB 4049 PG 261

PARKERS CHAPEL FREE WILL BAPTIST CHURCH INC.  
 2241 OLD PACTOLUS RD  
 GREENVILLE, NC 27834  
 DB 3719 PG 249

PHELPS CHEVROLET INC.  
 PO BOX 2306 GREENVILLE, NC 27835  
 DB 1160 PG 84

NATIONAL WELDERS SUPPLY COMPANY INC.  
 2015 VAUGHN RD BLDG 400  
 KENNESAW, GA 30144

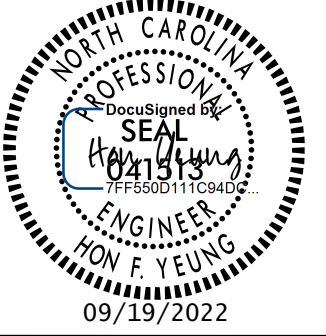

CCO PROPERTIES LLC  
 1105 AYTINH KAJES DR  
 GRIMESLAND, NC 27837  
 DB 4141 PG 494

WILLIAMSON FAMILY TRUST  
 112 OXFORD RD  
 GREENVILLE, NC 27658  
 DB 021E PG 863



**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGINING PLAN  
PITT COUNTY**

PROJECT REFERENCE NO. <i>HS-2002E</i>	SHEET NO. <i>PM1</i>
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER 
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

**INDEX**

SHEET NO.	DESCRIPTION
PM1	PAVEMENT MARKING PLAN COVER SHEET
PM2	PAVEMENT MARKING SCHEDULE
PM3	PAVEMENT MARKING PLAN SHEET

**GENERAL NOTES**

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.

- A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:
 

ROAD NAME	MARKING
US 264A	THERMOPLASTIC
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

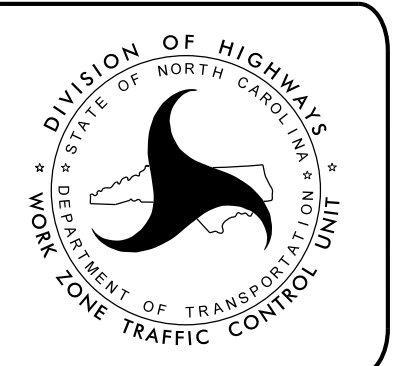
**ROADWAY STANDARD DRAWING**

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 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 AND OFFSETS
1205.02	PAVEMENT MARKINGS - DIVIDED AND UNDIVIDED ROADWAYS
1205.03	PAVEMENT MARKINGS - INTERCHANGES
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1250.01	PAVEMENT MARKER SPACING

**PREPARED IN THE OFFICE OF: DIVISION OF HIGHWAYS  
1037 W.H. SMITH BLVD., GREENVILLE, NC 27835**

HON F. YEUNG PROJECT ENGINEER  
LANG JONES PROJECT DESIGN ENGINEER



REVISIONS

8/17/99

I:\SEB\2022\PROJECTS\HS-2002E-US264\_Parkers-Chapel\Packers-Chapel\Packers-Chapel.pshpml.dgn

## FINAL PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
<u>THERMOPLASTIC (6" 90 MILS)</u>	
T20	WHITE EDGELINE
T23	3 FT. - 9 FT. / SP WHITE MINISKIP
T24	2 FT. - 6 FT. / SP WHITE MINISKIP
T30	YELLOW EDGELINE
T33	YELLOW DOUBLE CENTER
T34	2 FT. - 6 FT. / SP YELLOW MINISKIP

### THERMOPLASTIC (8" 90 MILS)

T42	YELLOW DIAGONALS
-----	------------------

### THERMOPLASTIC (12" 90 MILS)

T50	WHITE GORELINE
-----	----------------

### THERMOPLASTIC (24" 90 MILS)

T61	WHITE STOP BAR
-----	----------------

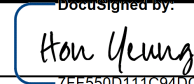
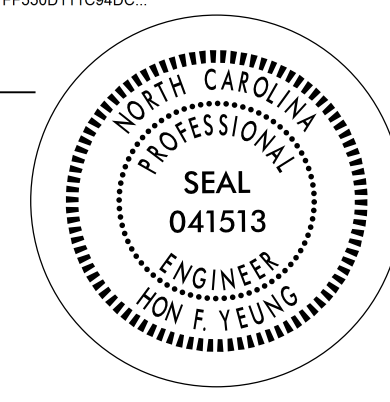

### THERMOPLASTIC PAVEMENT MARKING SYMBOLS(90 MILS)

T70	LEFT TURN ARROW
T71	RIGHT TURN ARROW
T77	U-TURN ARROW

REVISIONS

8/17/99

I:\SEP 2022\PROJECT\HS-2002E-US264\_Parkers Chapel\Parkers Chapel\ParkersChapel1.pshpm2.dgn

APPROVED:  DATE: 09/19/2022  SEAL			<h1>PAVEMENT SCHEDULE</h1>
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>			

8/17/99

REVISIONS

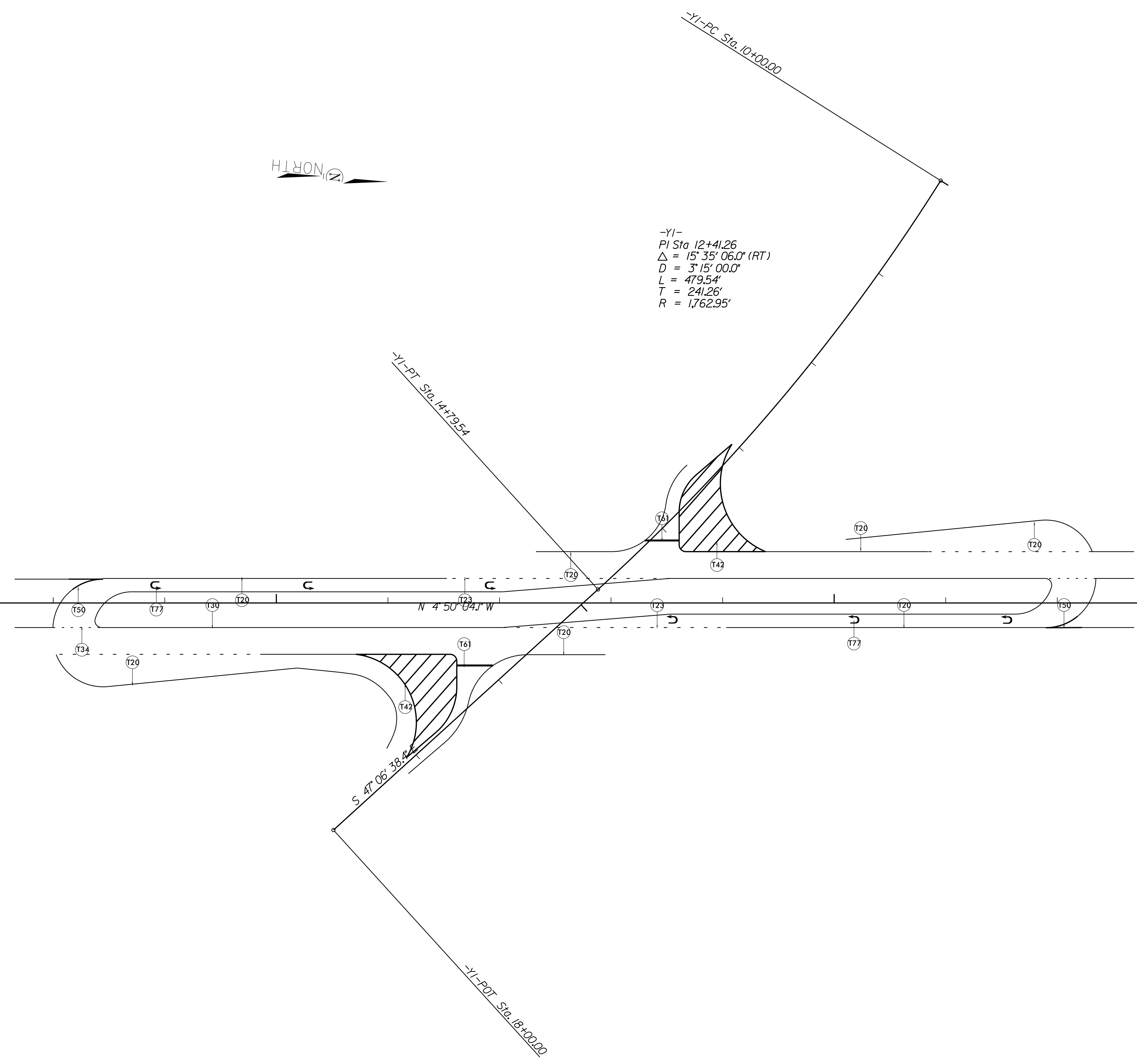
21-SEP-2002 11:38  
 C:\\$FIC\2002\11\38  
 8:55:51US2002E\PM3.dgn

POT Sta. 90+00.00 90

POT Sta. 104+00.00



-YI-  
 PI Sta 12+41.26  
 $\Delta = 15^\circ 35' 06.0''$  (RT)  
 $D = 3^\circ 15' 00.0''$   
 $L = 479.54'$   
 $T = 241.26'$   
 $R = 1,762.95'$

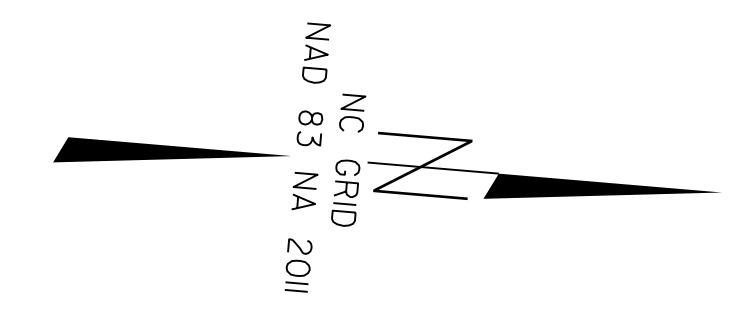
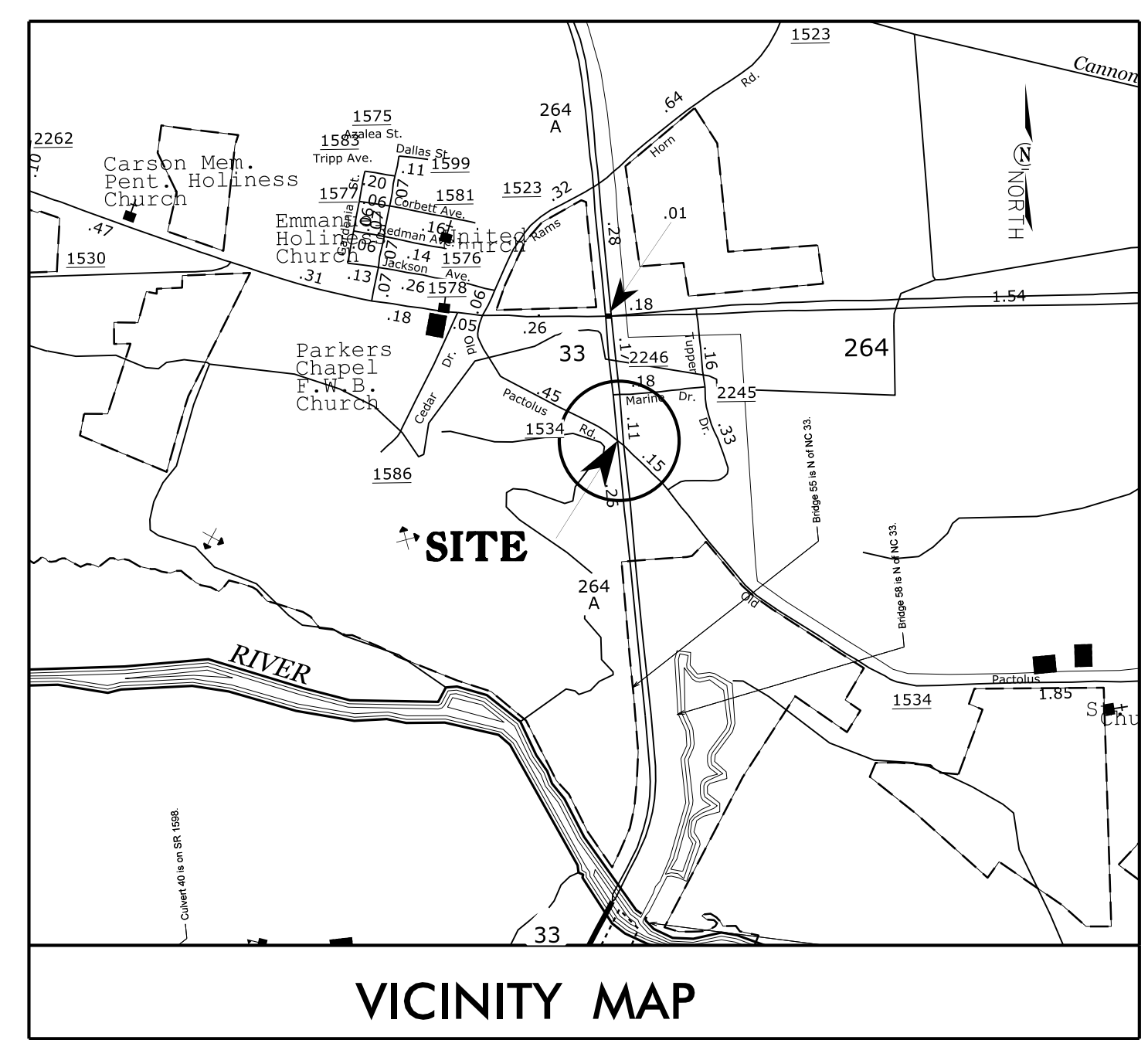


# STATE OF NORTH CAROLINA

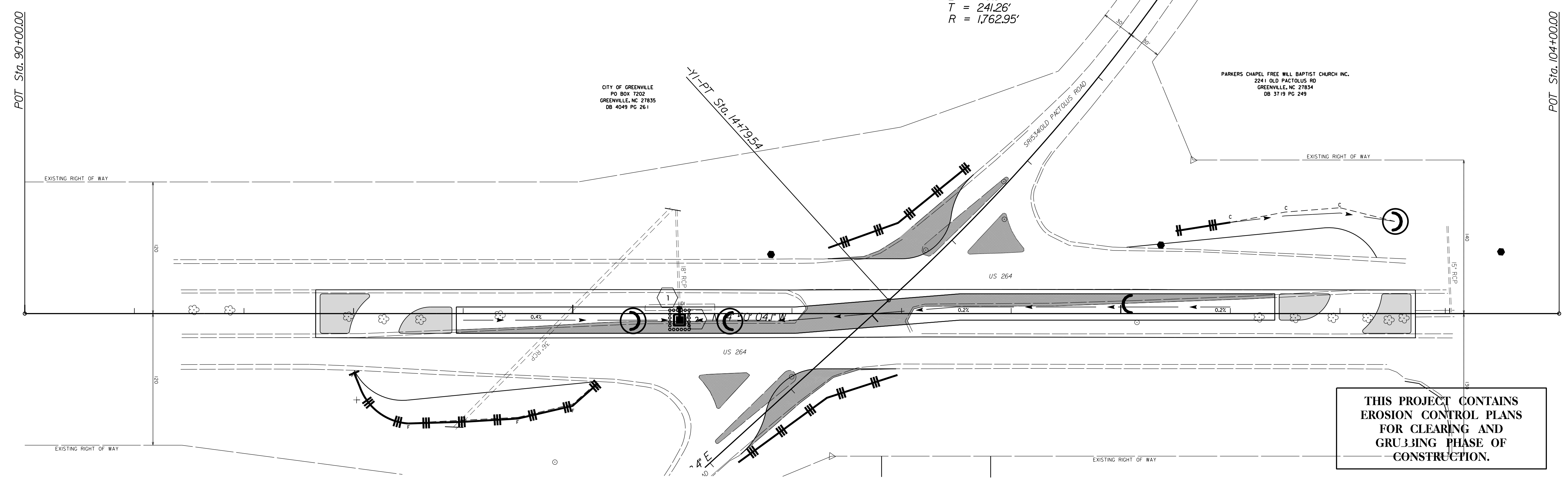
## DIVISION OF HIGHWAYS

### PLAN FOR PROPOSED HIGHWAY EROSION CONTROL

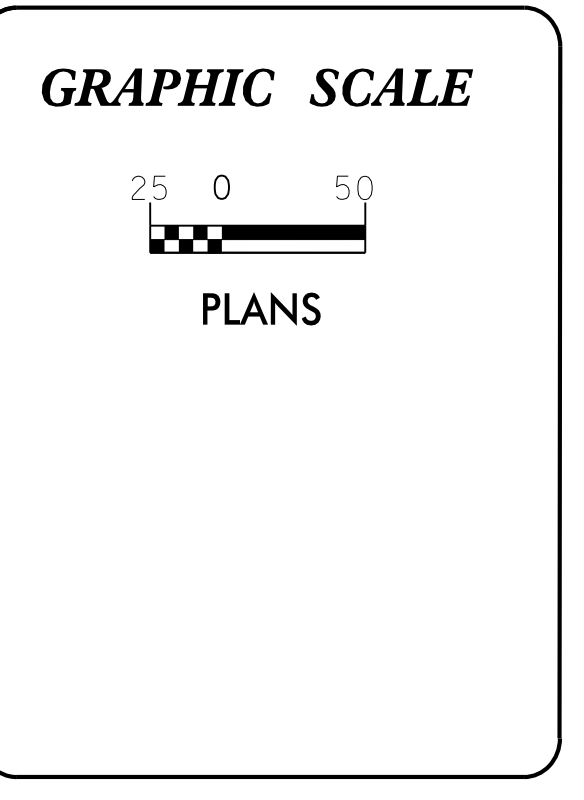
**LOCATION: US 264 ALT (GREENVILLE BLVD)  
AT SR 1534 (OLD PACTOLUS RD) PITT COUNTY**



-YI-  
PI Sta 12+41.26  
Δ = 15° 35' 06.0" (RT)  
D = 3° 15' 00.0"  
L = 479.54'  
T = 241.26'  
R = 1,762.95'



Std. #	Description	Symbol
1630.05	Temporary Silt Ditch	
1630.05	Temporary Diversion	
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1622.01	Temporary Berms and Slope Drains	
1630.02	Silt Basin Type B	
1635.01	Temporary Rock Silt Check Type-A	
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	
1635.02	Temporary Rock Silt Check Type-B	
	Wattle / Coir Fiber Wattle	
	Wattle / Coir Fiber Wattle with Polyacrylamide (PAM)	
1634.01	Temporary Rock Sediment Dam Type-A	
1634.02	Temporary Rock Sediment Dam Type-B	
1635.01	Rock Pipe Inlet Sediment Trap Type-A	
1635.02	Rock Pipe Inlet Sediment Trap Type-B	
1630.04	Stilling Basin	
1630.06	Special Stilling Basin	
	Rock Inlet Sediment Trap:	
1632.01	Type A	
1632.02	Type B	
1632.03	Type C	



ROADSIDE ENVIRONMENTAL UNIT  
DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY  
WITH THE REGULATIONS SET FORTH BY THE  
NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE APRIL 1, 2019  
ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND  
NATURAL RESOURCES DIVISION OF WATER QUALITY.

**2018 STANDARD SPECIFICATIONS**

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
1037 WH SMITH BLVD  
GREENVILLE, NC 27834

Timothy C Pinkham  
Level III  
Certification #3510

Roadway Standard Drawings

The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2018 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

1604.01 Railroad Erosion Control Detail	1632.01 Rock Inlet Sediment Trap Type A
1605.01 Temporary Silt Fence	1632.02 Rock Inlet Sediment Trap Type J
1606.01 Special Sediment Control Fence	1632.03 Rock Inlet Sediment Trap Type C
1607.01 Gravel Construction Entrance	1633.01 Temporary Rock Silt Check Type A
1622.01 Temporary Berms and Slope Drains	1633.02 Temporary Rock Silt Check Type J
1630.01 Riser Basin	1634.01 Temporary Rock Sediment Dam Type A
1630.02 Silt Basin Type J	1634.02 Temporary Rock Sediment Dam Type J
1630.03 Temporary Silt Ditch	1635.01 Rock Pipe Inlet Sediment Trap Type A
1630.04 Stilling Basin	1635.02 Rock Pipe Inlet Sediment Trap Type J
1630.05 Temporary Diversion	1640.01 Coir Fiber Jaffle
1630.06 Special Stilling Basin	1645.01 Temporary Stream Crossing
1631.01 Matting Installation	

19-SEP-2022 15:50 C:\Users\parker\OneDrive\Documents\Projects\2022\220915\220915\_Parkers\_Chapel\Parkers\_Chapel.ec1.dgn

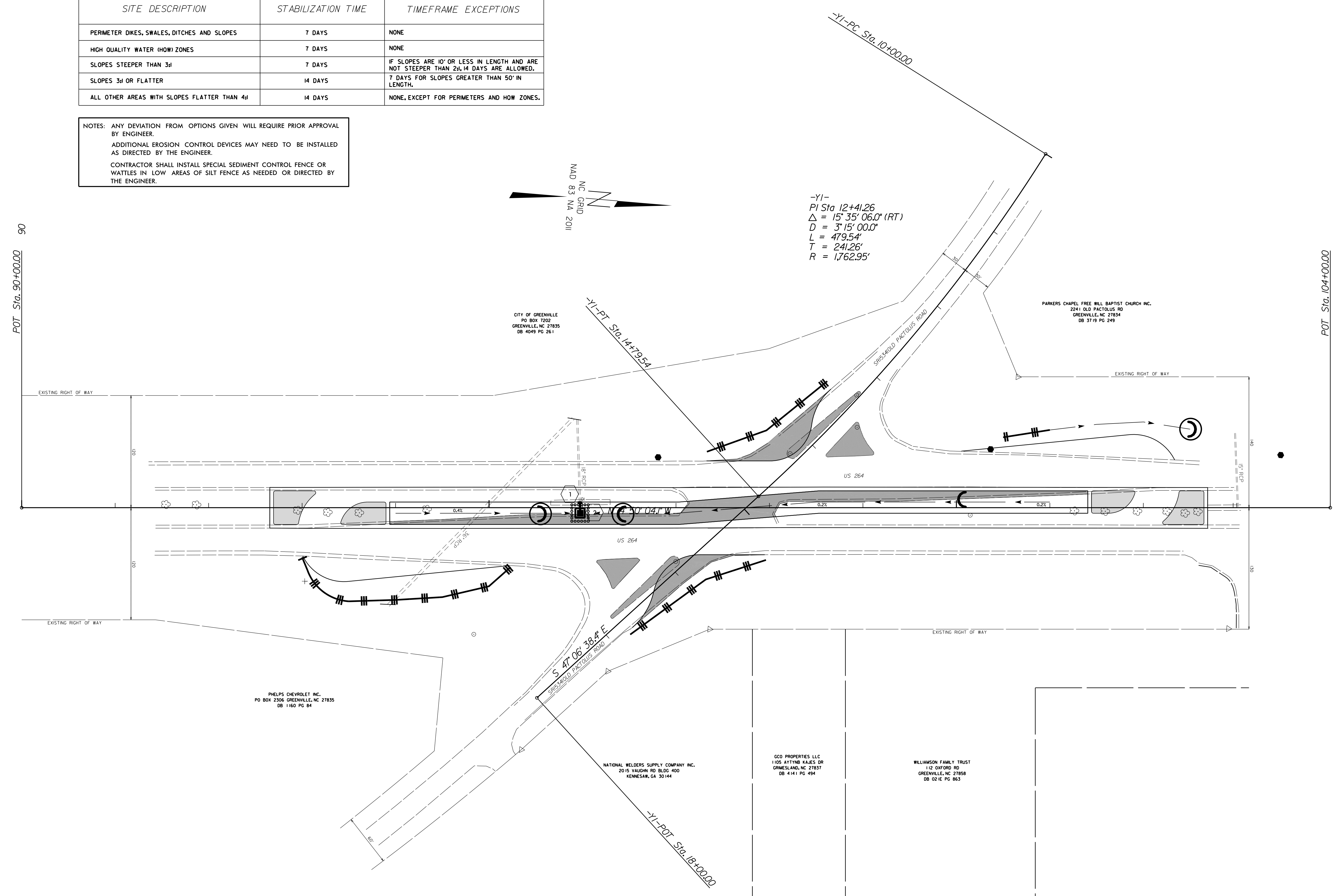


### SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HOW ZONES.

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.  
 ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.  
 CONTRACTOR SHALL INSTALL SPECIAL SEDIMENT CONTROL FENCE OR WATTLES IN LOW AREAS OF SILT FENCE AS NEEDED OR DIRECTED BY THE ENGINEER.

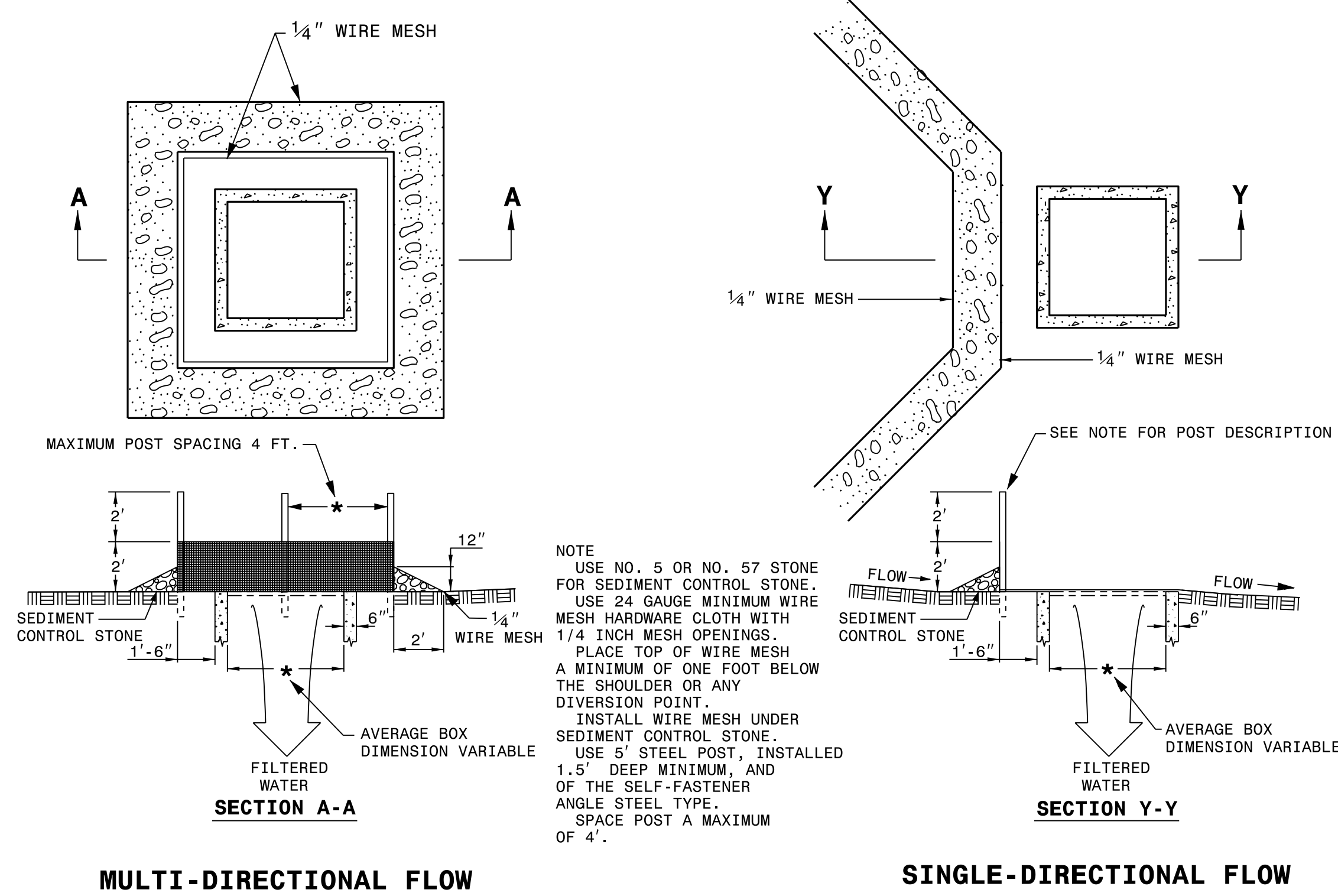
REVISIONS  
 8/17/99  
 19 SEP 2023 8:50 AM  
 S:\PROJECTS\HS-2002E-US264\_Parkers Chapel\ParkersChapel.ec2.dgn



STATE OF NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR  
**ROCK INLET SEDIMENT TRAP TYPE 'C'**

SHEET 1 OF 1  
**1632.03**

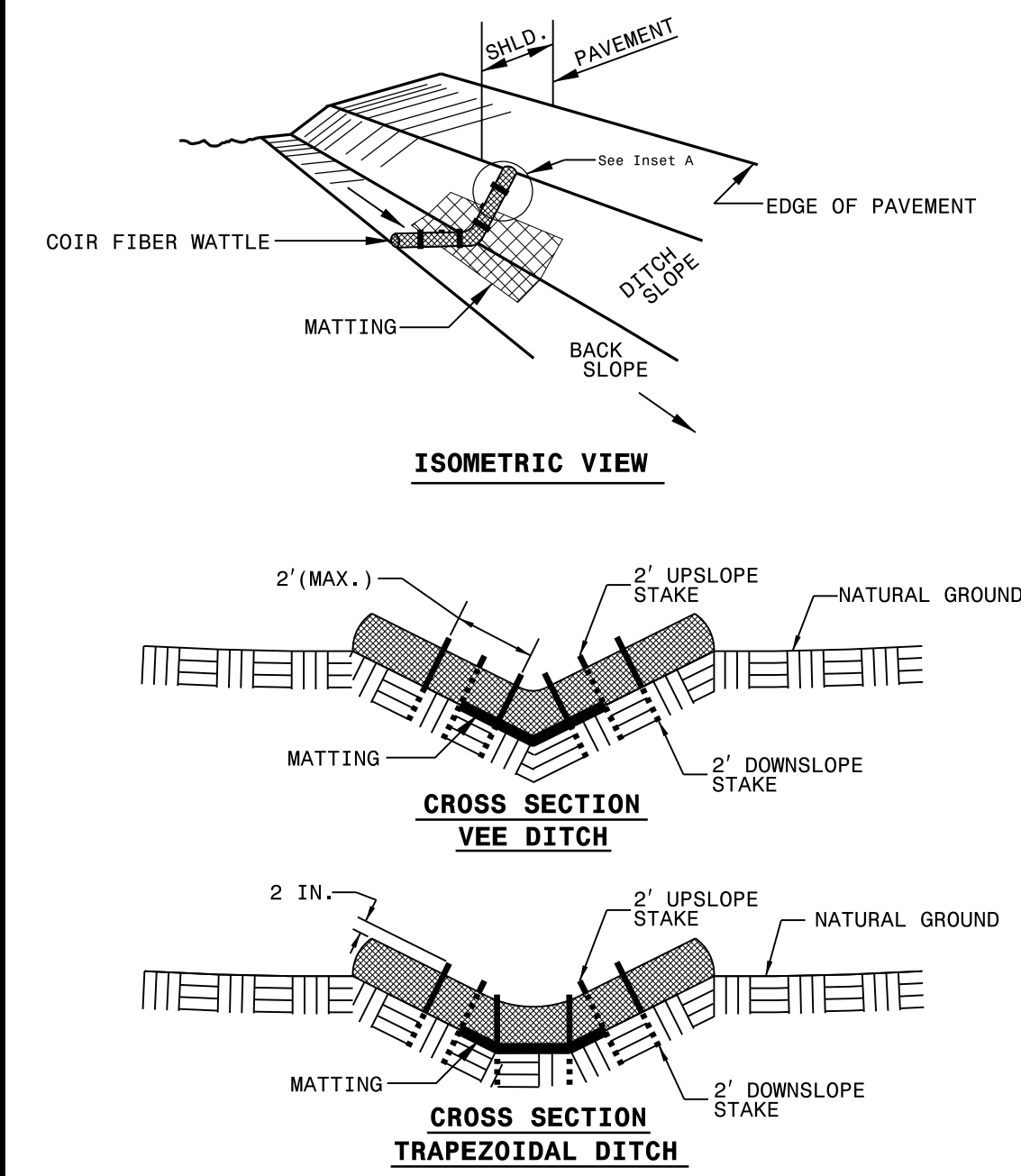


STATE OF NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
RALEIGH, N.C.

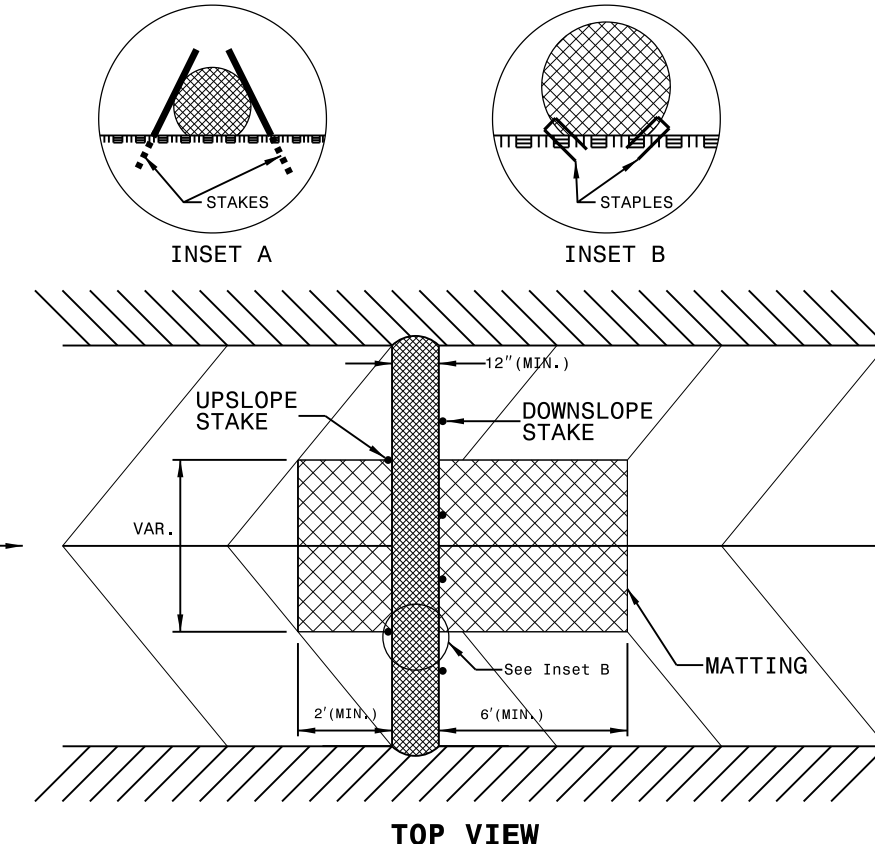
ENGLISH STANDARD DRAWING FOR  
**ROCK INLET SEDIMENT TRAP TYPE 'C'**

SHEET 1 OF 1  
**1632.03**

**COIR FIBER WATTLE DETAIL**



NOTES:  
USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE.  
USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.  
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.  
INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.  
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.  
INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.  
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



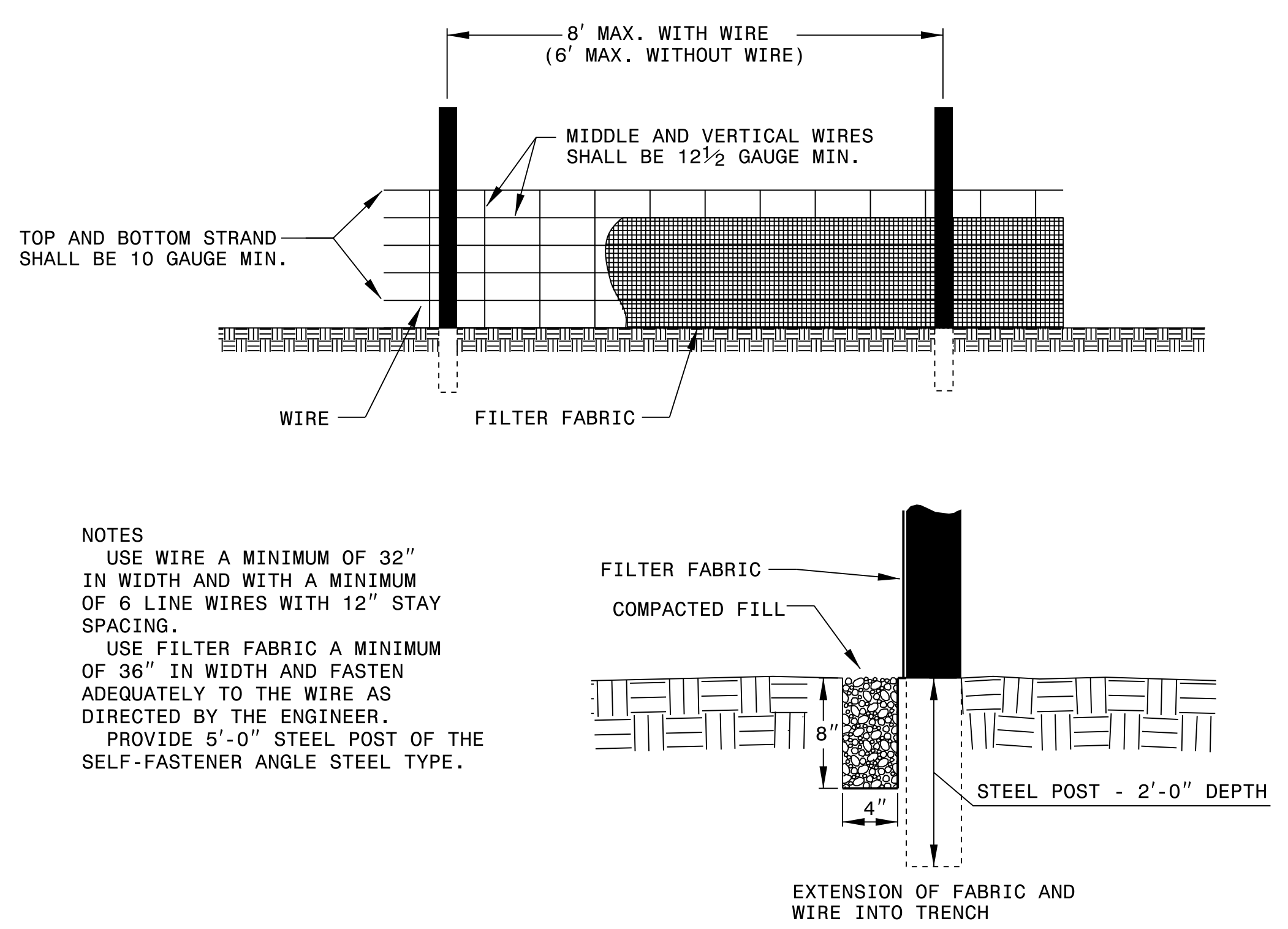
PROJECT REFERENCE NO. HS-2002E SHEET NO. EC-26  
ENGLISH STANDARD DRAWING FOR  
INTEGRATED WATTLE

REVISIONS

STATE OF NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR  
**TEMPORARY SILT FENCE**

SHEET 1 OF 1  
**1605.01**

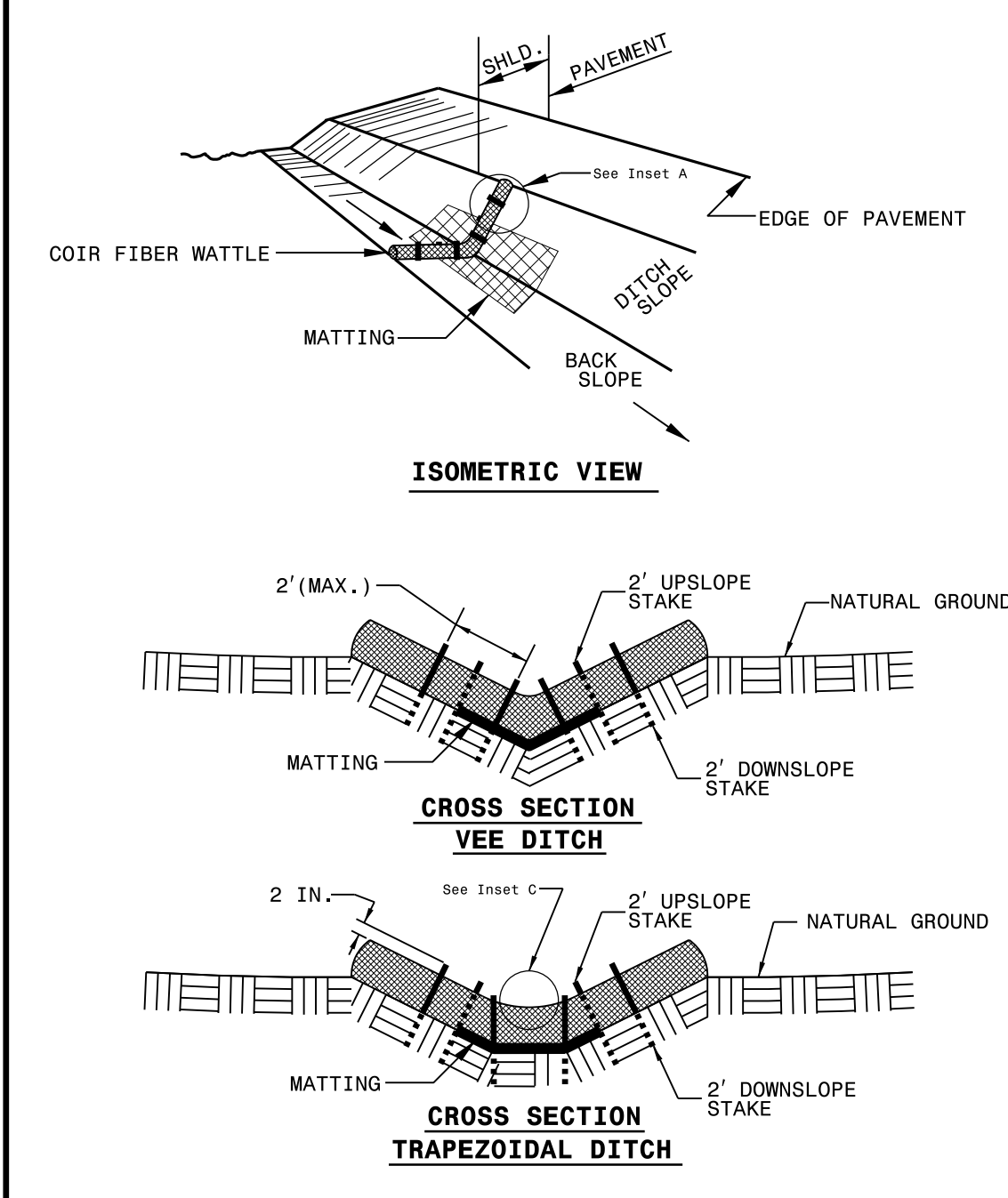


STATE OF NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
RALEIGH, N.C.

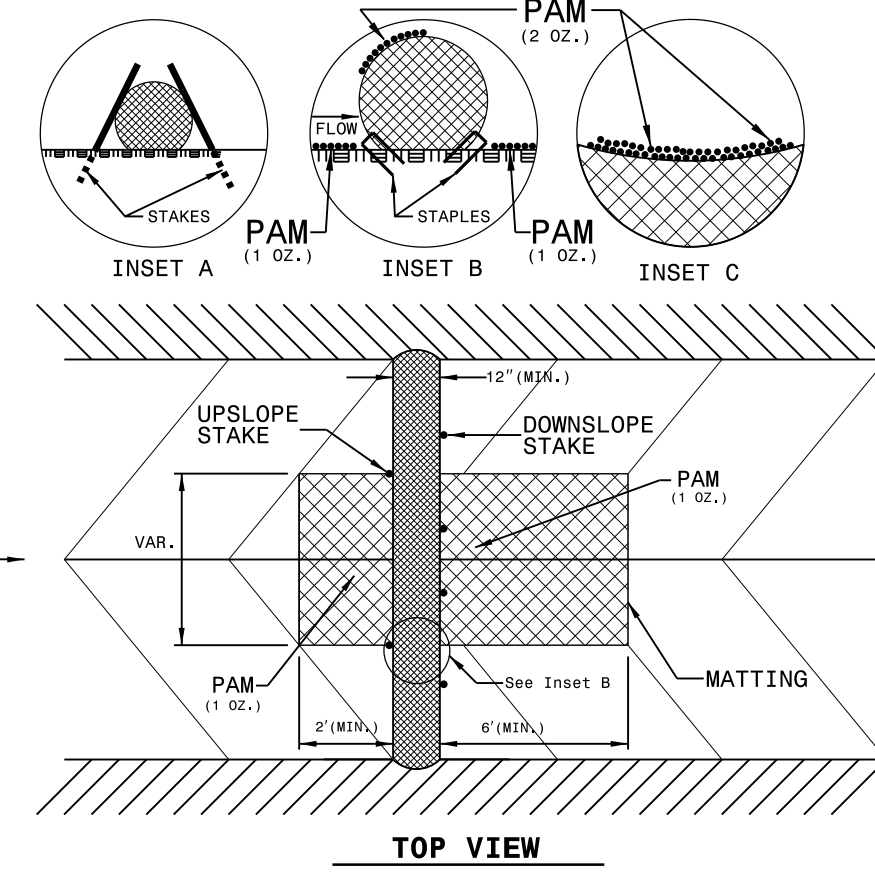
ENGLISH STANDARD DRAWING FOR  
**TEMPORARY SILT FENCE**

SHEET 1 OF 1  
**1605.01**

**COIR FIBER WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL**



NOTES:  
USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE.  
USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.  
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.  
INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.  
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.  
INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.  
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.  
PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE.  
INITIALLY APPLY 2 OUNCES OF ANIONIC OR NEUTRALLY CHARGED PAM OVER WATTLE WHERE WATER WILL FLOW AND 1 OUNCE OF PAM ON MATTING ON EACH SIDE OF WATTLE. REAPPLY PAM AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



PROJECT REFERENCE NO. HS-2002E SHEET NO. EC-26  
ENGLISH STANDARD DRAWING FOR  
INTEGRATED WATTLE

8/17/99

9-SEP-2023 8:50 AM T:\HS-2002E\_US264\_Parkers Chapel\ParkeChapel.ec3.dgn  
\$\$\$\$\$US\$ENDWAVE\$\$\$\$\$

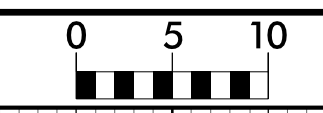
DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

**CROSS-SECTION SUMMARY**  
*IN CUBIC YARDS*

NOTE: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Clearing and Grubbing, and Removal of Existing Pavement will be paid for at the contract Lump Sum price for "Grading".

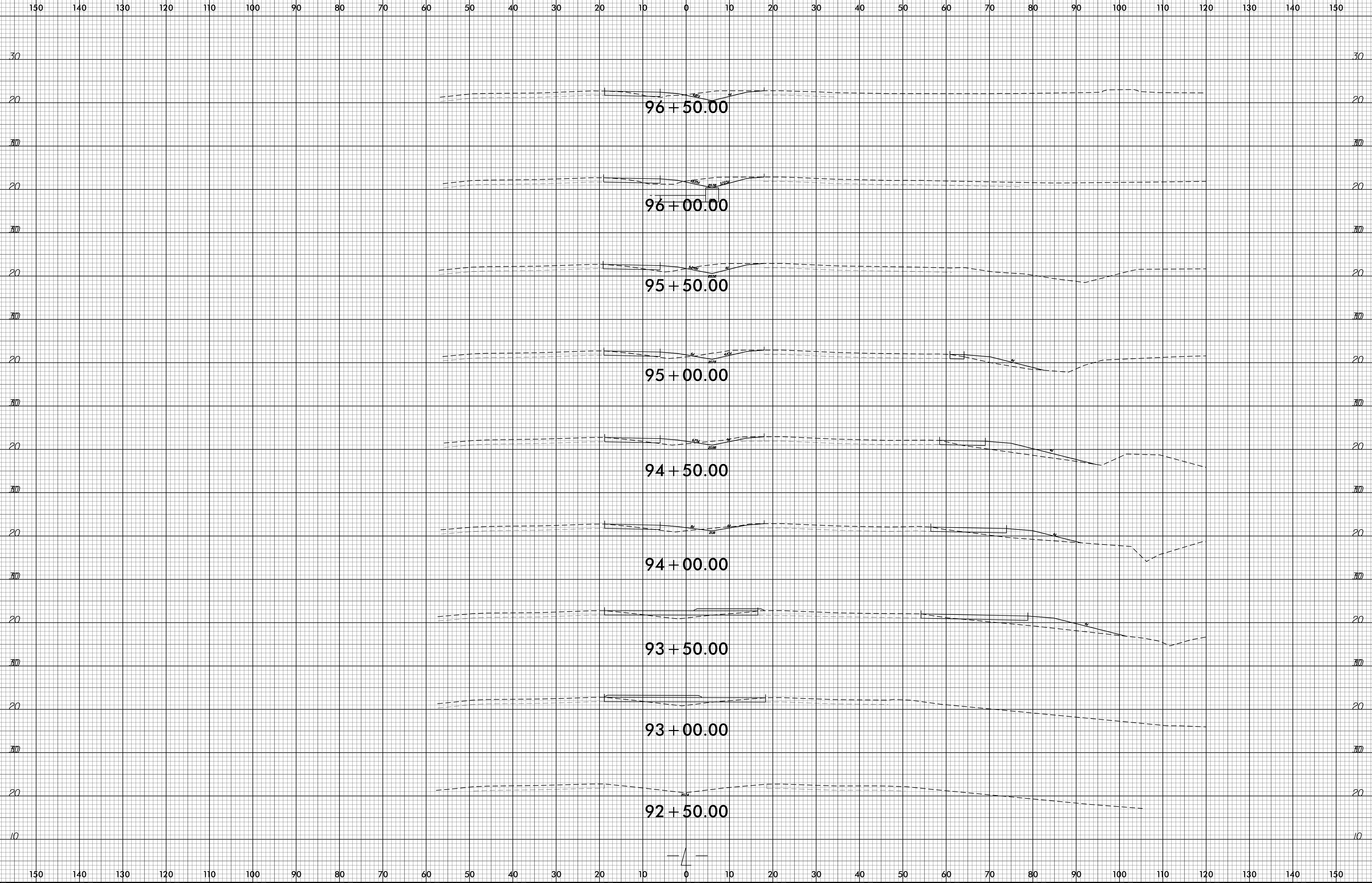
LOCATION (-L-)	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT
93 + 00.00	0	0	0
93 + 50.00	23	0	63
94 + 00.00	25	0	95
94 + 50.00	27	0	85
95 + 00.00	33	0	70
95 + 50.00	40	0	31
96 + 00.00	45	0	12
96 + 50.00	47	0	10
97 + 00.00	50	0	5
97 + 50.00	45	0	1
98 + 00.00	35	0	0
98 + 50.00	42	0	1
99 + 00.00	46	0	3
99 + 50.00	49	0	5
100 + 00.00	42	0	9
100 + 50.00	32	0	21
101 + 00.00	30	0	41
101 + 50.00	27	0	65
102 + 00.00	29	0	89
102 + 50.00	23	0	63

6/23/16



PROJ. REFERENCE NO.  
HS-2002E

SHEET NO.  
X-1



19-SEP-2022 3:51  
G:\PROJECTS\APIT\HS-2002E\_US264\_Parkers\_Chapel\ParkersChapel\_xp1.dgn  
SS&SUSER\AMESS



