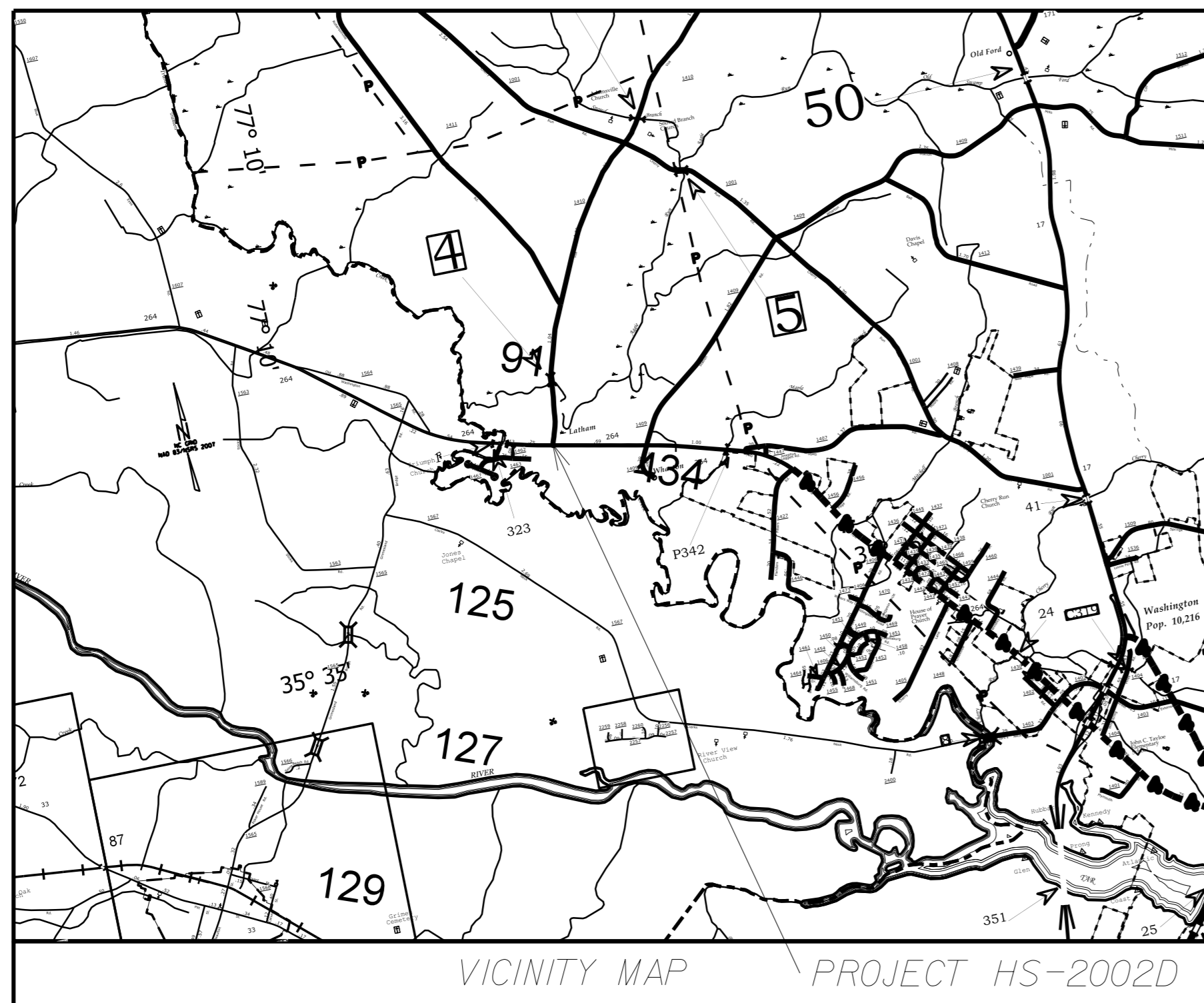


09/08/99
 24-FEB-2022 13:33
 G:\PROJECTS\BEAUFORT\HS-2002D_US264_SR1410\VOA Rd\HS-2002D_psh 1.dgn
 \$\$\$USERNAME\$\$\$

CONTRACT: DB00535 **TIP PROJECT: HS-2002D**



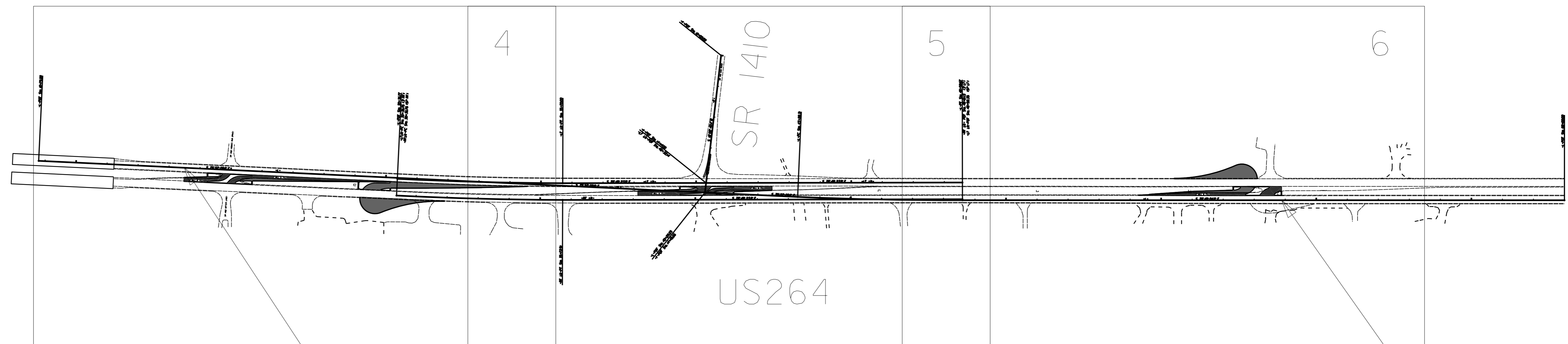
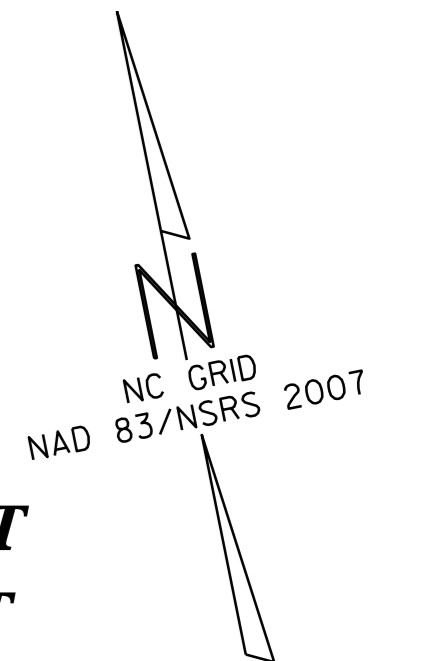
STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

BEAUFORT COUNTY

**LOCATION: US 264 AT SR 1410 (VOA ROAD)
 NEAR LATHAM**

**TYPE OF WORK: WIDEN, MILL AND PAVE EXISTING TURN LANES
 CONSTRUCT NEW U-TURN LANES WITH TURNING BULB OUTS
 CONSTRUCT CONCRETE CHANNELIZATION ISLANDS
 AND INSTALL NEW PAVEMENT MARKINGS CONVERTING PROJECT
 LIMITS INTO A REDUCED CONFLICT INTERSECTION MOVEMENT**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HS-2002D	1	34
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
49300.1.5	0264073	PE	
49300.2.5	0264073	ROW/UTILITY	
49300.3.5	0264073	CONST	



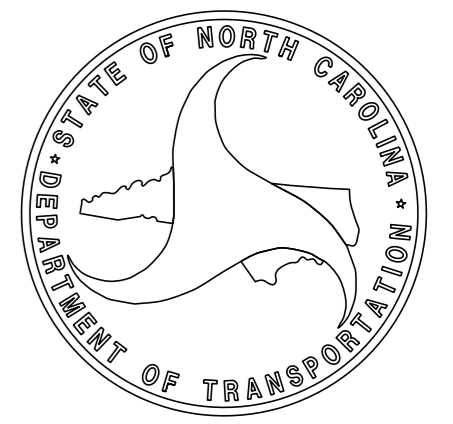
-L-23+49.68
 BEGIN PROJECT HS-2002D

-L-58+88.64
 END PROJECT HS-2002D

See Sheet 1A For Index of Sheets

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

<p>GRAPHIC SCALES</p>	<p>DESIGN DATA</p> <p>ADT 2019 = 22,000 ADT =</p> <p>K = % D = % T = % * V = MPH</p> <p>* TTST = DUAL FUNC CLASS =</p>	<p>PROJECT LENGTH</p> <p>TIP HS-2002D PROJECT LENGTH = 0.670 MI</p>	<p style="text-align: center;">Prepared in the Office of: DIVISION OF HIGHWAYS 1037 WH SMITH BLVD., GREENVILLE, NC 27835</p> <p>2018 STANDARD SPECIFICATIONS</p> <p>RIGHT OF WAY DATE: FEBRUARY 2022</p> <p>LETTING DATE: APRIL 2022</p>	<p style="text-align: center;">HYDRAULICS ENGINEER</p> <p style="text-align: center;">JEFFREY D. CABANISS, PE PROJECT ENGINEER</p> <p style="text-align: center;">ROADWAY DESIGN ENGINEER</p> <p style="text-align: center;">RICH GODLEY PROJECT DESIGN ENGINEER</p>	
------------------------------	--	---	---	--	--



SHEET NUMBER	SHEET
1	TITLE SHEET
1A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS
1B	CONVENTIONAL SYMBOLS
RW02C	SURVEY CONTROL SHEETS
2 THRU 2-3	PAVEMENT SCHEDULE AND TYPICAL SECTIONS
2A-1 THRU 2A-4	MONOLITHIC CONCRETE LAYOUT DETAILS
2B	DRAINAGE DETAILS
3	SUMMARY OF QUANTITIES
3A	SUMMARY OF EARTHWORK / PIPES / GUARDRAIL
4 THRU 6	PLAN SHEETS
PMP-1 THRU PMP-3	PAVEMENT MARKING PLANS
EC-1 THRU EC-4	EROSION CONTROL PLANS
X-1A	CROSS-SECTION SUMMARY SHEET
X-1 THRU X-8	CROSS-SECTIONS

GENERAL NOTES:

2018 SPECIFICATIONS
EFFECTIVE: 01-16-2018
REVISED:

EFF. 01-16-2018
REV.

2018 ROADWAY ENGLISH STANDARD DRAWINGS

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.

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
DIVISION 2 - EARTHWORK	
200.02	Method of Clearing - Method II
225.02	Guide for Grading Subgrade - Secondary and Local
225.05	Method of Obtaining Superelevation - Divided Highways
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 6 - ASPHALT BASES AND PAVEMENTS	
654.01	Pavement Repairs
DIVISION 8 - INCIDENTALS	
840.01	Brick Catch Basin - 12" thru 54" Pipe
840.02	Concrete Catch Basin - 12" thru 54" Pipe
840.16	Drop Inlet Frame and Grates - for use with Std. Dwg 840.14 and 840.15
840.66	Drainage Structure Steps
852.01	Concrete Islands
862.01	Guardrail Placement
862.02	Guardrail Installation

CLEARING:

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

SHOULDER CONSTRUCTION:

ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01

SIDE ROADS:

THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO PROVIDE SUITABLE CONNECTIONS WITH ALL ROADS, STREETS, AND DRIVES ENTERING THIS PROJECT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PARTICULAR ITEMS INVOLVED.

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.

UTILITIES:

UTILITY OWNERS ON THIS PROJECT ARE

- BEAUFORT COUNTY WATER DEPARTMENT
- CENTURYLINK
- PIEDMONT NATURAL GAS COMPANY
- SUDDENLINK COMMUNICATIONS
- CITY OF WASHINGTON

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.

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	○ _{EP}
Computed Property Corner	----->
Property Monument	□ _{EDM}
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	----- _{MLB}
Proposed Wetland Boundary	----- _{MLB}
Existing Endangered Animal Boundary	----- _{EAB}
Existing Endangered Plant Boundary	----- _{EPB}
Existing Historic Property Boundary	----- _{HPB}
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	○ _S
Well	○ _W
Small Mine	✕
Foundation	□
Area Outline	□
Cemetery	□ ₊
Building	□ ₊
School	□ ₊
Church	□ ₊
Dam	▬

HYDROLOGY:

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

RAILROADS:

Standard Gauge	-----
RR Signal Milepost	○ _{MILEPOST 35}
Switch	□ _{SWITCH}
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	-----
New Right of Way Line with Pin and Cap	-----
New Right of Way Line with Concrete or Granite RW Marker	-----
New Control of Access Line with Concrete C/A Marker	-----
Existing Control of Access	-----
New Control of Access	-----
Existing Easement Line	-----
New Temporary Construction Easement	-----
New Temporary Drainage Easement	-----
New Permanent Drainage Easement	-----
New Permanent Drainage / Utility Easement	-----
New Permanent Utility Easement	-----
New Temporary Utility Easement	-----
New Aerial Utility Easement	-----

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	----- _C
Proposed Slope Stakes Fill	----- _F
Proposed Curb Ramp	----- _{CR}
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	----- _{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	□ _{CB}
Paved Ditch Gutter	-----
Storm Sewer Manhole	○ _S
Storm Sewer	----- _S

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.*)	----- _P
U/G Power Line LOS C (S.U.E.*)	----- _P
U/G Power Line LOS D (S.U.E.*)	----- _P

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.*)	----- _T
U/G Telephone Cable LOS C (S.U.E.*)	----- _T
U/G Telephone Cable LOS D (S.U.E.*)	----- _T
U/G Telephone Conduit LOS B (S.U.E.*)	----- _{TC}
U/G Telephone Conduit LOS C (S.U.E.*)	----- _{TC}
U/G Telephone Conduit LOS D (S.U.E.*)	----- _{TC}
U/G Fiber Optics Cable LOS B (S.U.E.*)	----- _{T FO}
U/G Fiber Optics Cable LOS C (S.U.E.*)	----- _{T FO}
U/G Fiber Optics Cable LOS D (S.U.E.*)	----- _{T FO}

WATER:

Water Manhole	⊕
Water Meter	○
Water Valve	⊗
Water Hydrant	⊕
U/G Water Line LOS B (S.U.E.*)	----- _W
U/G Water Line LOS C (S.U.E.*)	----- _W
U/G Water Line LOS D (S.U.E.*)	----- _W
Above Ground Water Line	----- _{A/G Water}

TV:

TV Pedestal	⊠
TV Tower	⊗
U/G TV Cable Hand Hole	-----
U/G TV Cable LOS B (S.U.E.*)	----- _{TV}
U/G TV Cable LOS C (S.U.E.*)	----- _{TV}
U/G TV Cable LOS D (S.U.E.*)	----- _{TV}
U/G Fiber Optic Cable LOS B (S.U.E.*)	----- _{TV FO}
U/G Fiber Optic Cable LOS C (S.U.E.*)	----- _{TV FO}
U/G Fiber Optic Cable LOS D (S.U.E.*)	----- _{TV FO}

GAS:

Gas Valve	◇
Gas Meter	◇
U/G Gas Line LOS B (S.U.E.*)	----- _G
U/G Gas Line LOS C (S.U.E.*)	----- _G
U/G Gas Line LOS D (S.U.E.*)	----- _G
Above Ground Gas Line	----- _{A/G Gas}

SANITARY SEWER:

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

MISCELLANEOUS:

Utility Pole	●
Utility Pole with Base	□
Utility Located Object	○
Utility Traffic Signal Box	⊠
Utility Unknown U/G Line LOS B (S.U.E.*)	----- _{U/L}
U/G Tank; Water, Gas, Oil	-----
Underground Storage Tank, Approx. Loc.	⊕ _{UST}
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.

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

- BASELINE -

BL	POINT	DESC.	NORTH	EAST	ELEVATION	BL STATION	OFFSET
BL1		BL1	680178.0290	2552979.8830	13.87	5+00.00	0.00
BL2		BL2	680077.2710	2553392.0850	15.87	9+24.34	0.00
BL3		BL3	679974.1810	2553816.8210	17.65	13+61.41	0.00
BL4		BL4	679836.6080	2554482.5340	15.96	20+41.19	0.00
BL5		BL5	679726.9640	2555027.2310	14.62	25+96.81	0.00
BL6		BL6	679609.3030	2555617.8610	15.75	31+99.04	0.00
BL7		BL7	679488.6400	2556214.5540	16.62	38+07.81	0.00

- EXISTING ALIGNMENT DESCRIPTIONS -

L

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	680385.155	2552475.506							
LINE			S 75°57'08.6" E	1157.49					
POT	680104.200	2553598.377							
LINE			S 75°57'08.6" E	992.48					
POT	679863.297	2554561.179							
LINE			S 75°57'08.6" E	299.06					
PC	679790.706	2554851.296							
CURVE			S 77°31'54.8" E	531.32	02°39'24.5"(LT)	00°30'00.0"	531.36	265.73	11459.16
PT	679675.997	2555370.081							
LINE			S 78°40'04.8" E	1940.33					
POT	679294.735	2557272.583							

LTLN

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	680101.292	2553597.642							
CURVE			S 77°09'10.3" E	533.19	02°39'58.2"(LT)	00°30'00.0"	533.24	266.67	11459.16
PT	679982.737	2554117.482							
LINE			S 78°46'23.9" E	462.14					
POT	679892.762	2554570.779							
LINE			S 78°46'23.9" E	826.21					
POT	679731.907	2555381.179							

RTLN

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	680048.937	2553584.414							
CURVE			S 77°09'10.3" E	535.70	02°39'58.2"(LT)	00°29'51.6"	535.75	267.92	11513.16
PT	679929.824	2554106.703							
LINE			S 78°46'23.8" E	1288.63					
POT	679678.939	2555370.671							

Y

POINT	N	E	BEARING	DIST
POT	680286.467	2554699.040		
LINE			S 18°02'40.4" W	445.06
POT	679863.297	2554561.179		

NOTES:

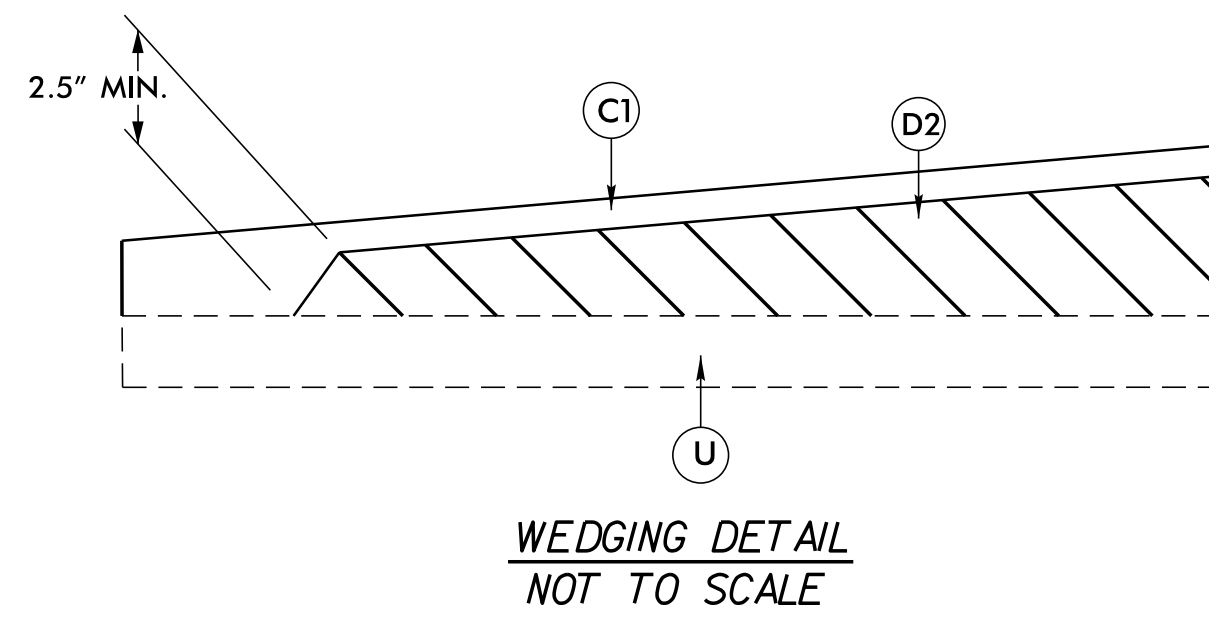
I. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

REVISIONS

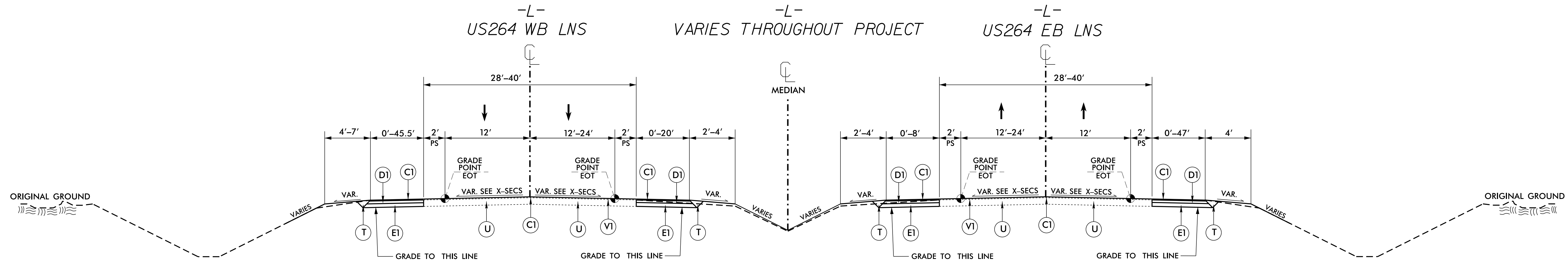
8/17/99

24-FEB-2025 13:33 J:\PORT\HS-2002D-US264-SR1410\04 Rd\HS-2002D-psht-rw02.c.dgn

C1	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ.YD.
D1	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
D2	PROP. VARIABLE DEPTH ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, TO BE PLACED IN LAYERS NOT LESS THAN 2.5" OR GREATER THAN 4.0" IN DEPTH
E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V1	MILLING ASPHALT PAVEMENT, 2" DEPTH



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



USE TYPICAL SECTION #1
 -L- STA. 23+49.68 - STA. 42+45.33
 -L- STA. 54+60.95 - STA. 58+88.64

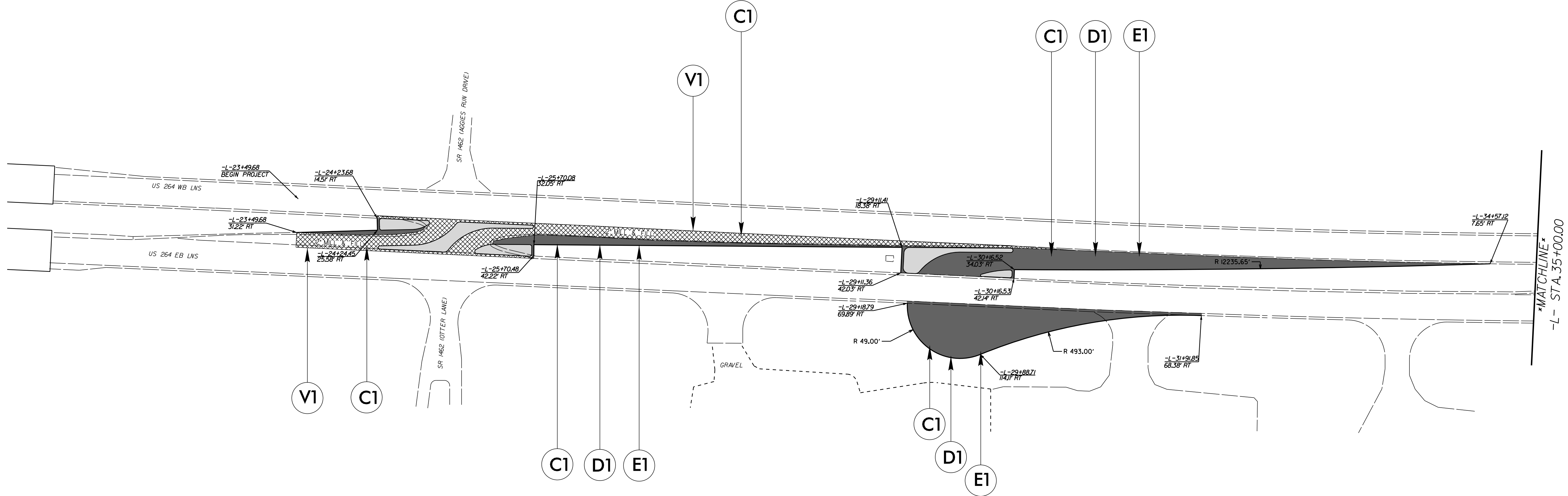
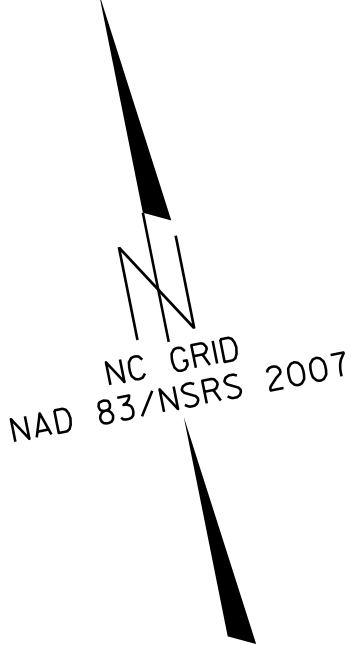
*** DRAWING NOT TO SCALE ***

REVISIONS

8/17/99
24-FEB-2022 13:33 J:\PROJECTS\2002D\US264.SR1410\04 Rd\HS-2002D-psht 2.dgn

PAVEMENT SCHEDULE DETAIL DRAWING

PROJECT REFERENCE NO. <i>HS-2002D</i>	SHEET NO. <i>2-1</i>
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER <i>Jeffrey D. Cabanis</i> 034398-000 ENGINEER 02/28/2022	PAVEMENT DESIGN ENGINEER <i>Jeffrey D. Cabanis</i> 034398-000 ENGINEER 02/28/2022
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



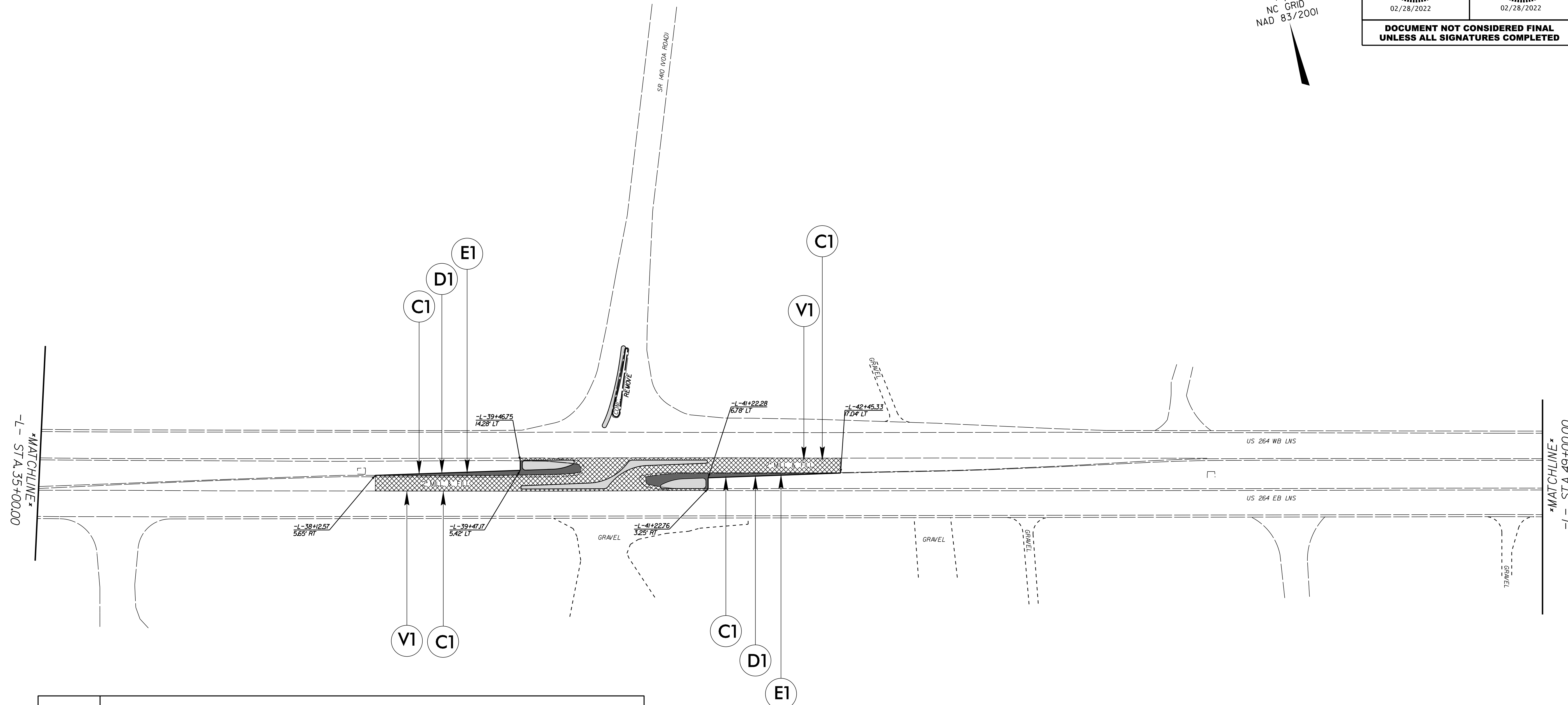
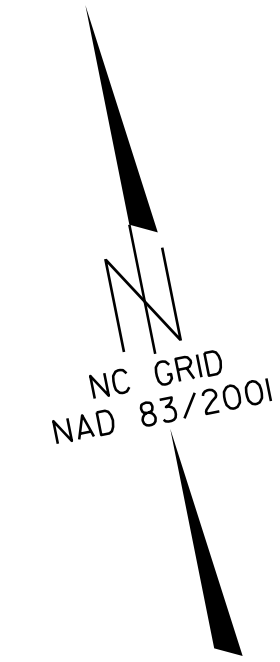
REVISIONS

24-FEB-2022 10:34 J:\PORT\HS-2002D\US264-SR1410\04 Rd\HS-2002D-psht 2-1.dgn

C1	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ.YD.
D1	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
V1	MILLING ASPHALT PAVEMENT, 2" DEPTH

SEE PSH 2A-1 & 2A-2
FOR MONOLITHIC CONCRETE ISLAND LAYOUT

PAVEMENT SCHEDULE DETAIL DRAWING



C1	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ.YD.
D1	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
V1	MILLING ASPHALT PAVEMENT, 2" DEPTH



SEE PSH 2A-3
FOR MONOLITHIC CONCRETE ISLAND LAYOUT

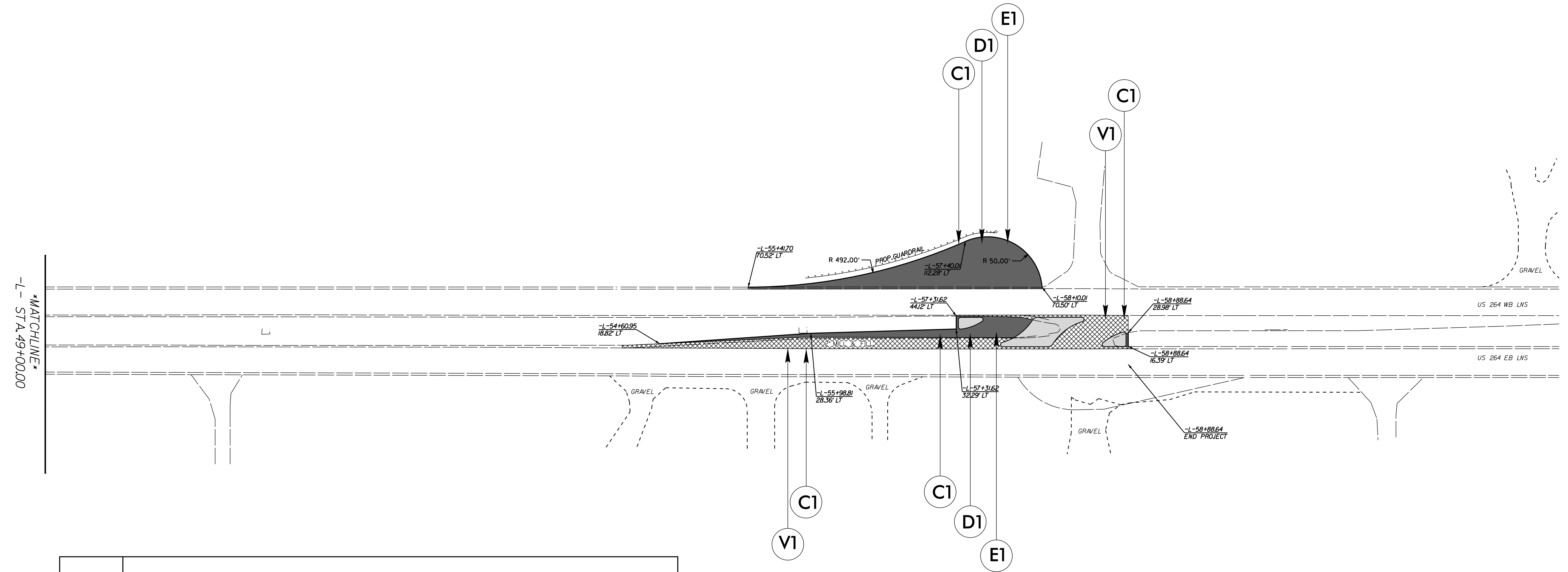
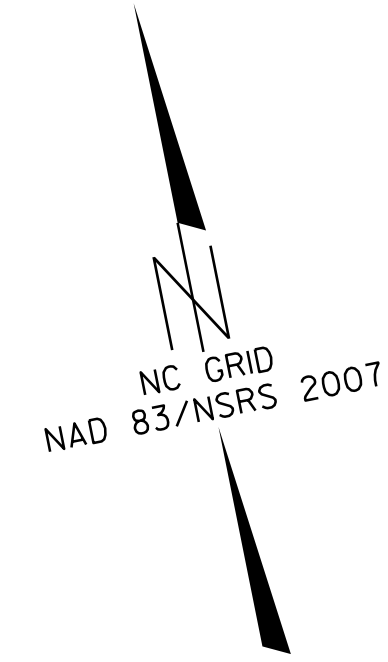
REVISIONS

8/17/99

24 FEB 2022 10:34 AM JDCOR\HS-2002D-US264-SR1410\04 Rd\NHS-2002D-psht-2-2.dgn
9:58 AM JDCOR\HS-2002D-US264-SR1410\04

PAVEMENT SCHEDULE DETAIL DRAWING

PROJECT REFERENCE NO. HS-2002D	SHEET NO. 2-3
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 	PAVEMENT DESIGN ENGINEER 
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



C1	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ.YD.
D1	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
V1	MILLING ASPHALT PAVEMENT, 2" DEPTH

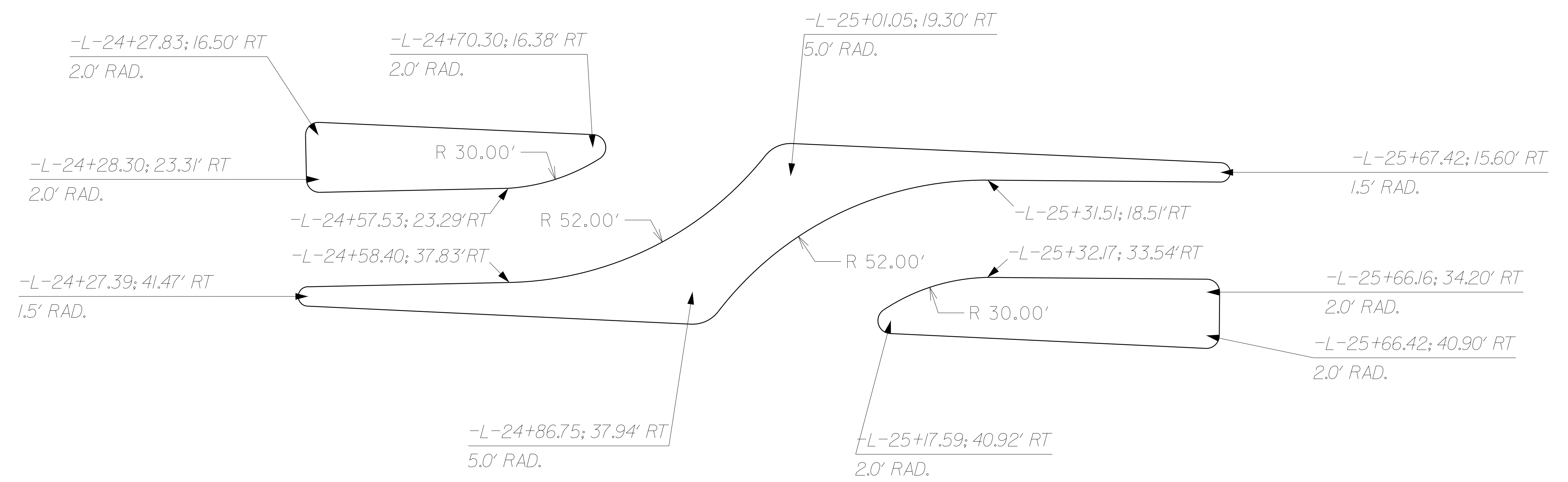
SEE PSH 2A-4
FOR MONOLITHIC CONCRETE ISLAND LAYOUT

REVISIONS

24 FEB 2022 10:34 JEDORT\HS-2002D-US264-SR1410\04 Rd\NHS-2002D-psht 2-3.dgn
 8/17/99

MONOLITHIC CONCRETE ISLAND LAYOUT DETAIL

MEDIAN CHANNELIZATION US 264 AT SR 1462 (OTTER LANE / AGGIES RUN DRIVE)



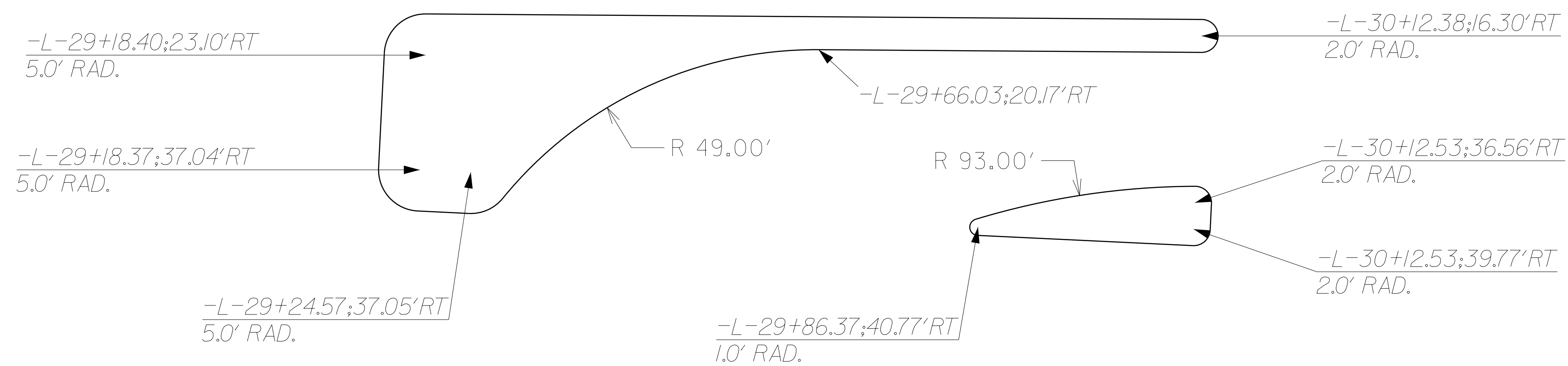
REVISIONS

24-FEB-2025 13:35 J:\CORT\HS-2002D_US264.SR1410\04 Rd\HS-2002D_psh_2a1.dgn
 8/17/99

DRAWING NOT TO SCALE

MONOLITHIC CONCRETE ISLAND LAYOUT DETAIL

MEDIAN CHANNELIZATION US 264 WESTERN U-TURN LANE



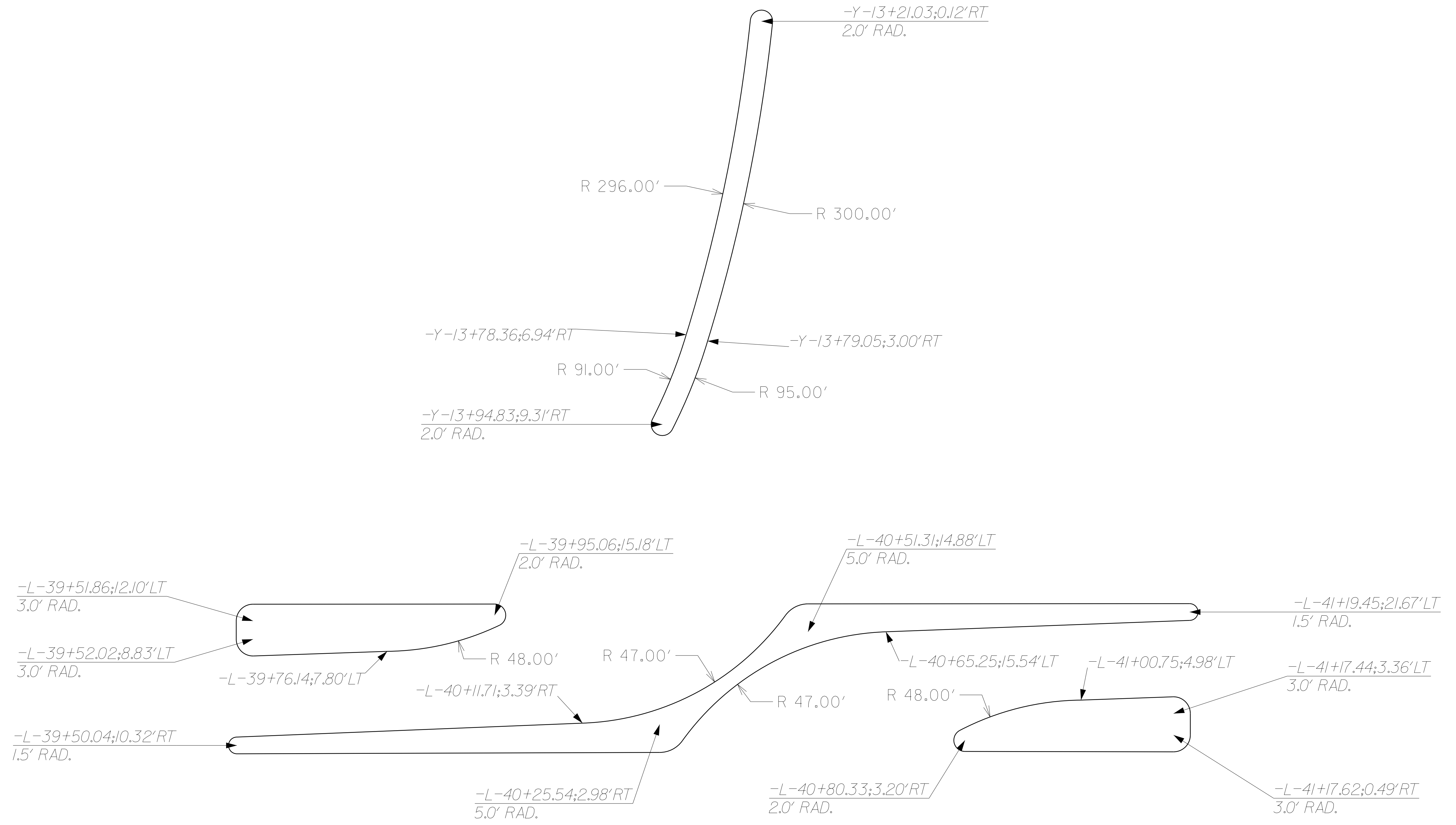
REVISIONS

24 FEB 2002 10:35 JTCOR\HS-2002D_US264_SRI410\04 Rd\HS-2002D_psh 2a2.dgn
 8/17/99

DRAWING NOT TO SCALE

MONOLITHIC CONCRETE ISLAND LAYOUT DETAIL

MEDIAN CHANNELIZATION US 264 AT SR 1410 (VOA ROAD)



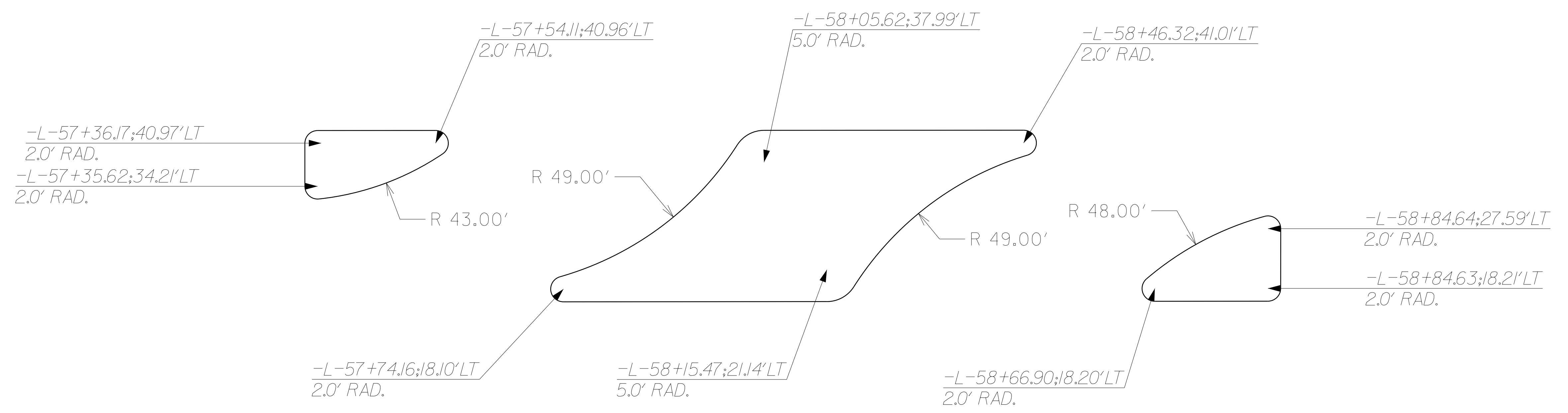
REVISIONS

8/17/99
24-FEB-2002 13:35 JEDRT\HS-2002D_US264_SRI410\04 Rd\NHS-2002D.psh 2a3.dgn
93841US264\NHS-2002D

DRAWING NOT TO SCALE

MONOLITHIC CONCRETE ISLAND LAYOUT DETAIL

MEDIAN CHANNELIZATION US 264 EASTERN U-TURN LANES

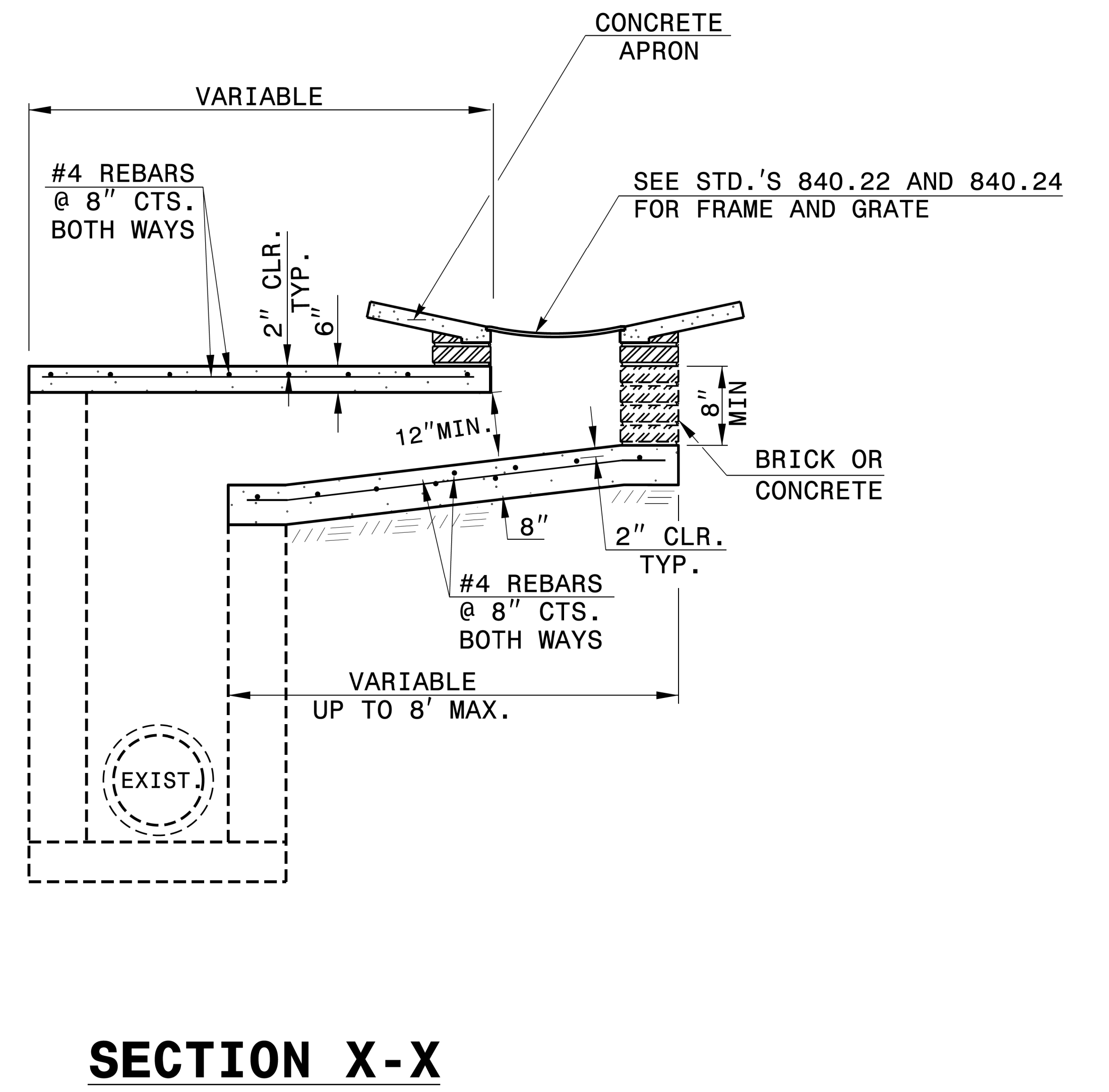
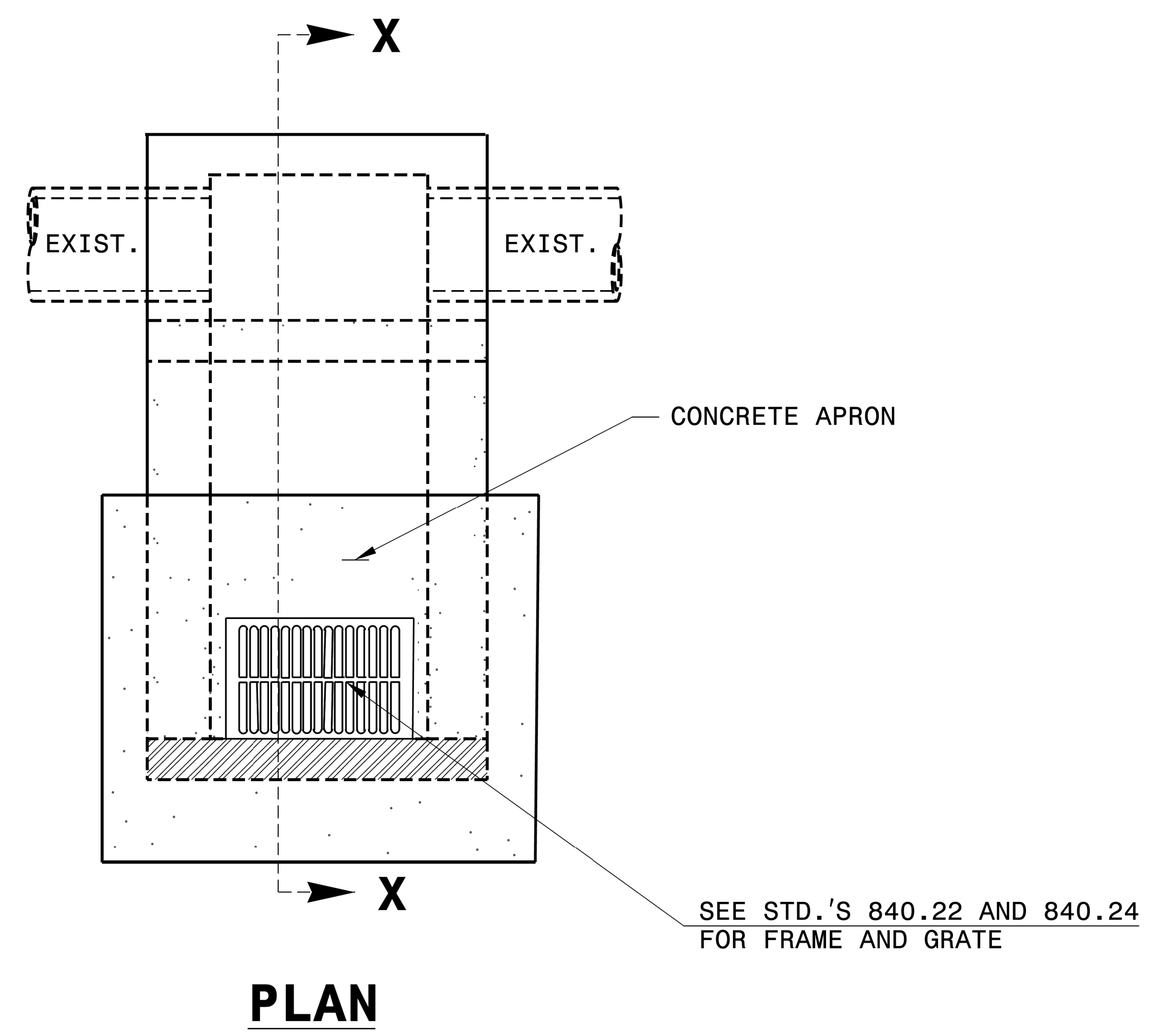


REVISIONS

24 FEB 2002 10:35 JECOR\HS-2002D_US264.SR1410\04 Rd\HS-2002D_psh_2a4.dgn
 8/17/99

DRAWING NOT TO SCALE

24-FEB-2015 13:35 J:\PORT\HS-2002D\US264.SRI410\04 Rd\HS-2002D-psht-2b.dgn
 8/17/99
 REVISIONS



NOTES:

MORTAR JOINTS 1/2" TO 1/4" THICK.
 USE CLASS "B" CONCRETE THROUGHOUT.

USE BRICK OR CONCRETE BLOCK WHICH COMPLIES WITH THE REQUIREMENTS OF SECTION 840 OF THE STANDARD SPECIFICATIONS.

CHAMFER ALL EXPOSED CORNERS 1".
 DRAWING NOT TO SCALE.

CONTRACT STANDARDS AND DEVELOPMENT UNIT
 Office 919-707-6950 FAX 919-250-4119

PROPOSED OFFSET DROP INLET

ORIGINAL BY: _____ DATE: _____
 MODIFIED BY: rnbritt DATE: 4/13/15
 CHECKED BY: _____ DATE: _____
 FILE SPEC.: nbritt/english/hydro/840d06_offset_boxes.dgn

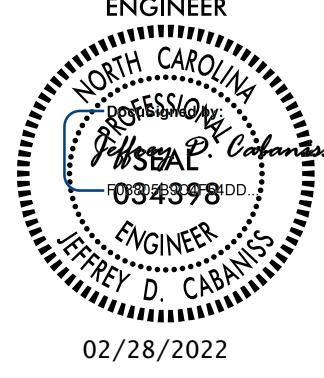
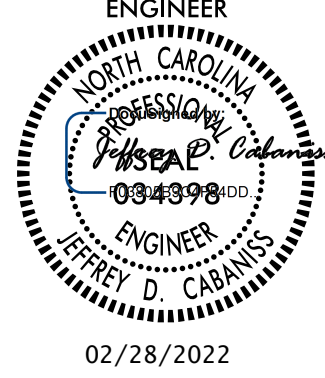
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

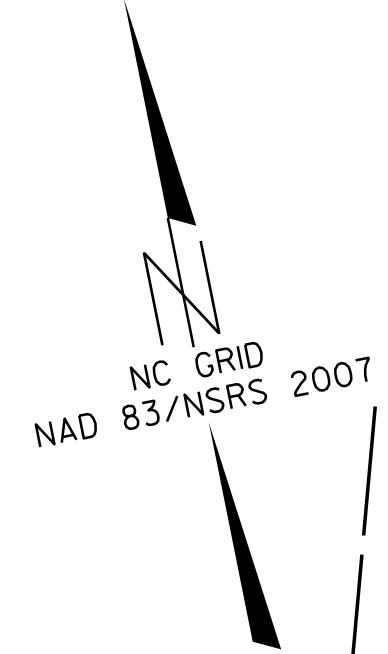
SUMMARY OF QUANTITIES

SECT	QUANTITY	UNIT	ITEM DESCRIPTION	SECT	QUANTITY	UNIT	ITEM DESCRIPTION
800	1	LS	MOBILIZATION	SP	1	EA	GUARDRAIL ANCHOR UNITS,TYPE CAT-I
801	1	LS	CONSTRUCTION SURVEYING	863	87.5	LF	REMOVE EXISITING GUARDRAIL
225	300	CY	UNDERCUT EXCAVATION (CONTINGENCY)	SP	144	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
226	1	LS	GRADING	SP	1	LS	TEMPORARY TRAFFIC CONTROL
300	30	TON	FOUNDATION CONDITIONING MATERIAL,MINOR STRUCTURES	1205	4184	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6",90MILS)
300	70	SY	FOUNDATION CONDITIONING GEOTEXTILE	1205	2060	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12",90MILS)
310	200	LF	24" RC PIPE CULVERTS,CLASS III	1205	42	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24",90MILS)
560	150	CY	SHOULDER BORROW	1205	8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90MILS)
607	2000	SY	MILLING ASPHALT PAVEMENT,2" DEPTH	1205	13	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90MILS)
607	100	SY	INCIDENTAL MILLING	1205	3365	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
610	940	TON	ASPHALT CONCRETE BASE COURSE,TYPE B25.0C	1605	100	LF	TEMPORARY SILT FENCE
610	690	TON	ASPHALT CONCRETE INTERMEDIATE COURSE,TYPE 119.0C	1610	5	TON	STONE FOR EROSION CONTROL,CLASS B (CONTINGENCY)
610	600	TON	ASPHALT CONCRETE SURFACE COURSE,TYPE S9.5C	1610	10	TON	SEDIMENT CONTROL STONE
620	115	TON	ASPHALT BINDER FOR PLANT MIX	1631	150	SY	MATTING FOR EROSION CONTROL
840	1	EA	MASONARY DRAINAGE STRUCTURES	1632	50	LF	1/4" HARDWARE CLOTH
840	2	EA	FRAME AND GRATE,STD 840.24	SP	25	SY	FLOATING TURBIDITY CURTAIN (CONTINGENCY)
840	1	EA	FRAME AND GRATE,STD 840.16	SP	50	LF	COIR FIBER WATTLE
852	700	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	1660	1	ACRE	SEEDING AND MULCHING
858	2	EA	ADJUSTMENT OF DROP INLETS	SP	3	EA	RESPONSE FOR EROSION CONTROL
862	175	LF	STEEL BEAM GUARDRAIL	SP	1	EA	CONCRETE WASHOUT STRUCTURE

5/28/99

24 FEB 2022 10:25
S:\PROJECTS\2002D\HS-2002D-US264-SR1410\VOA Rd\HS-2002D.pst 3.dgn

PROJECT REFERENCE NO. HS-2002D	SHEET NO. 4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER 
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

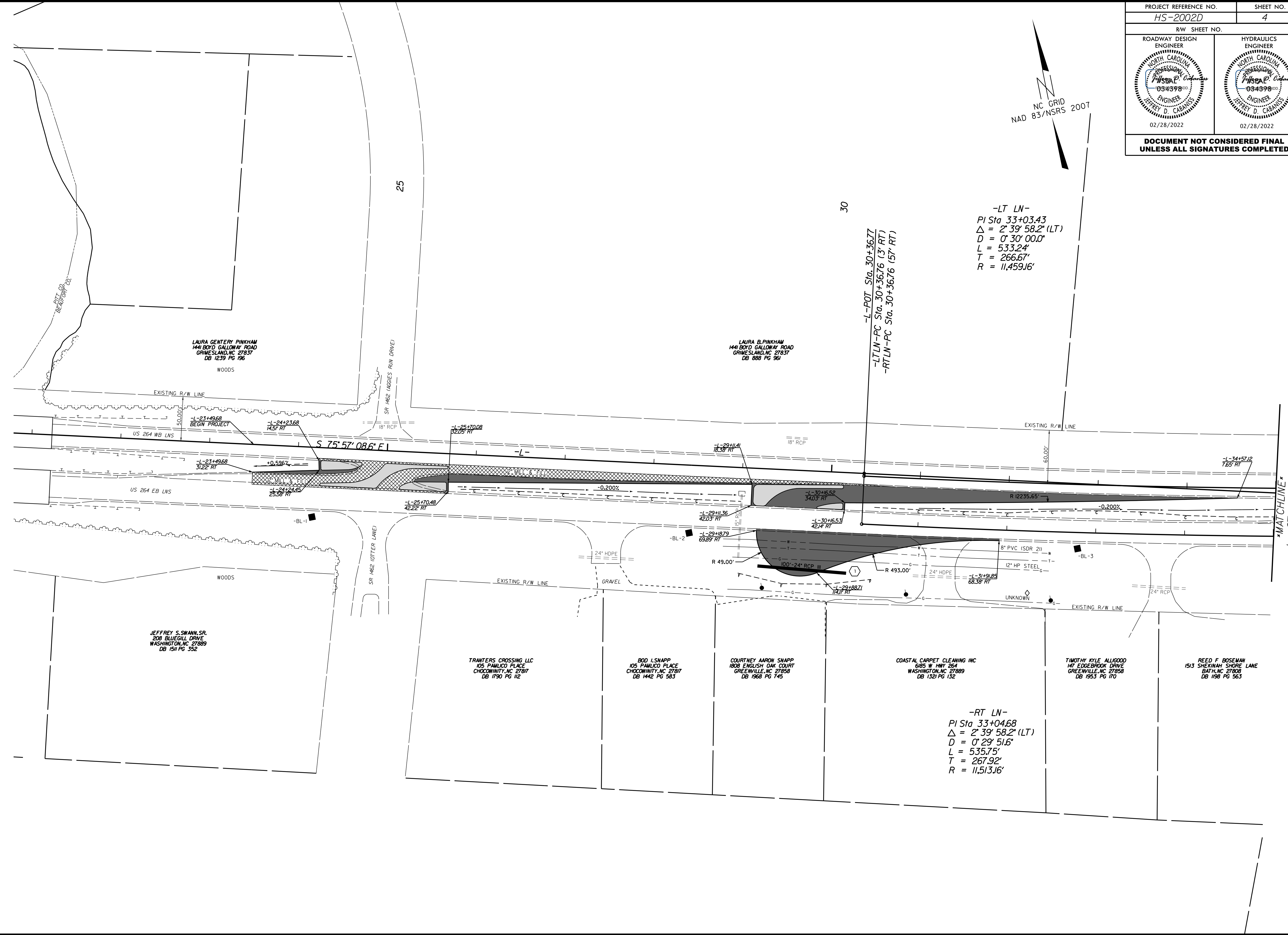


-LT LN-
 PI Sta 33+03.43
 $\Delta = 2' 39' 58.2''$ (LT)
 $D = 0' 30' 00.0''$
 $L = 533.24'$
 $T = 266.67'$
 $R = 11,459.16'$

-RT LN-
 PI Sta 33+04.68
 $\Delta = 2' 39' 58.2''$ (LT)
 $D = 0' 29' 51.6''$
 $L = 535.75'$
 $T = 267.92'$
 $R = 11,513.16'$

-L-POT Sta. 30+36.77
-LTLN-PC Sta. 30+36.76 (3' RT)
-RTLN-PC Sta. 30+36.76 (5' RT)

-L- STA. 35+00.00



REVISIONS

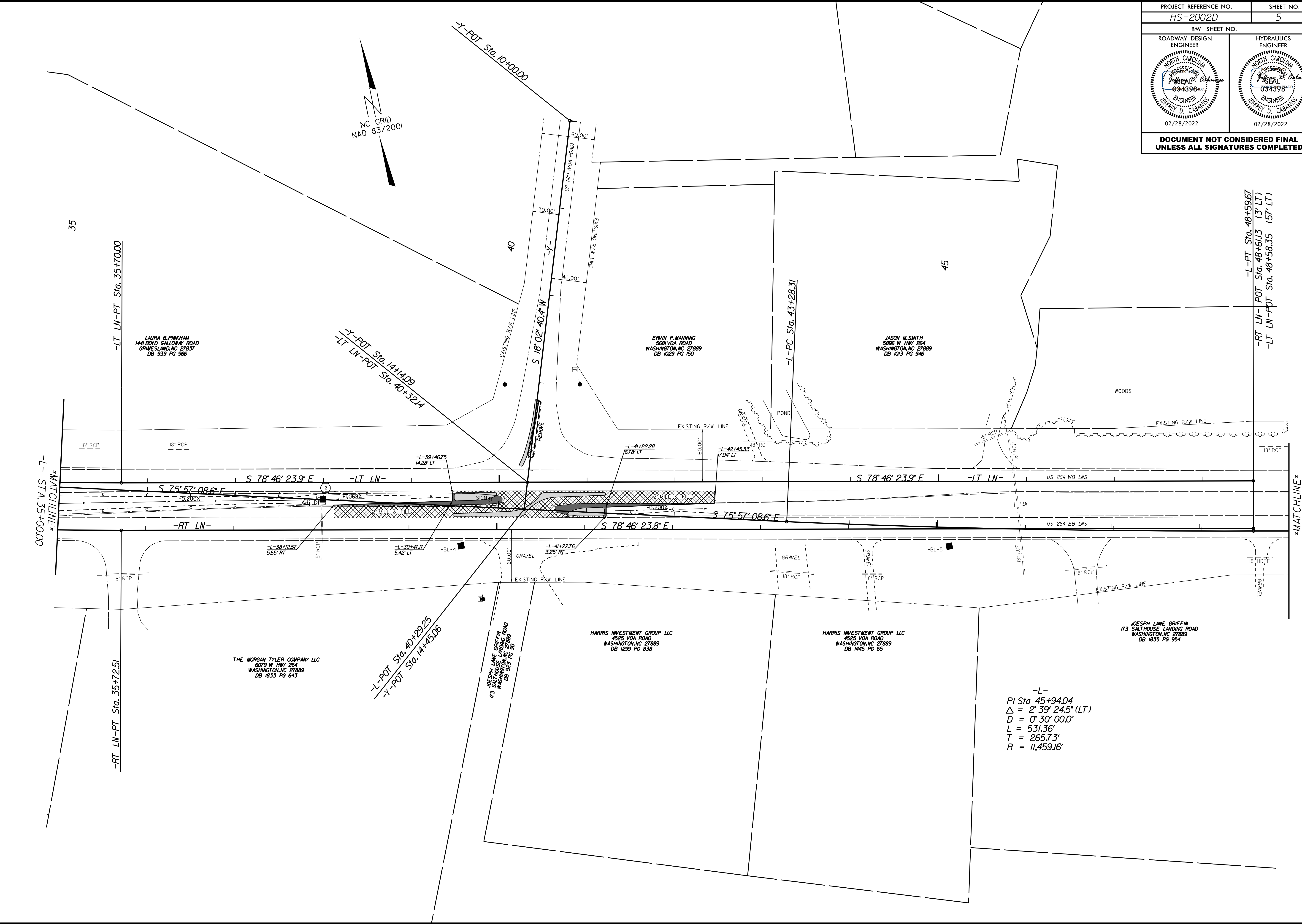
8/17/99
 24-FEB-2022 10:36 JEDRT\HS-2002D-US264-SR1410\04 Rd\HS-2002D-psht 4.dgn
 8/17/99 10:36 JEDRT\HS-2002D-US264-SR1410\04 Rd\HS-2002D-psht 4.dgn

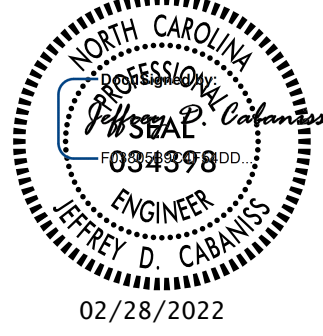
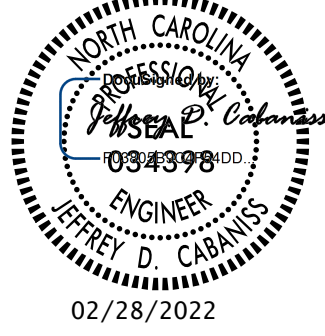
8/17/99

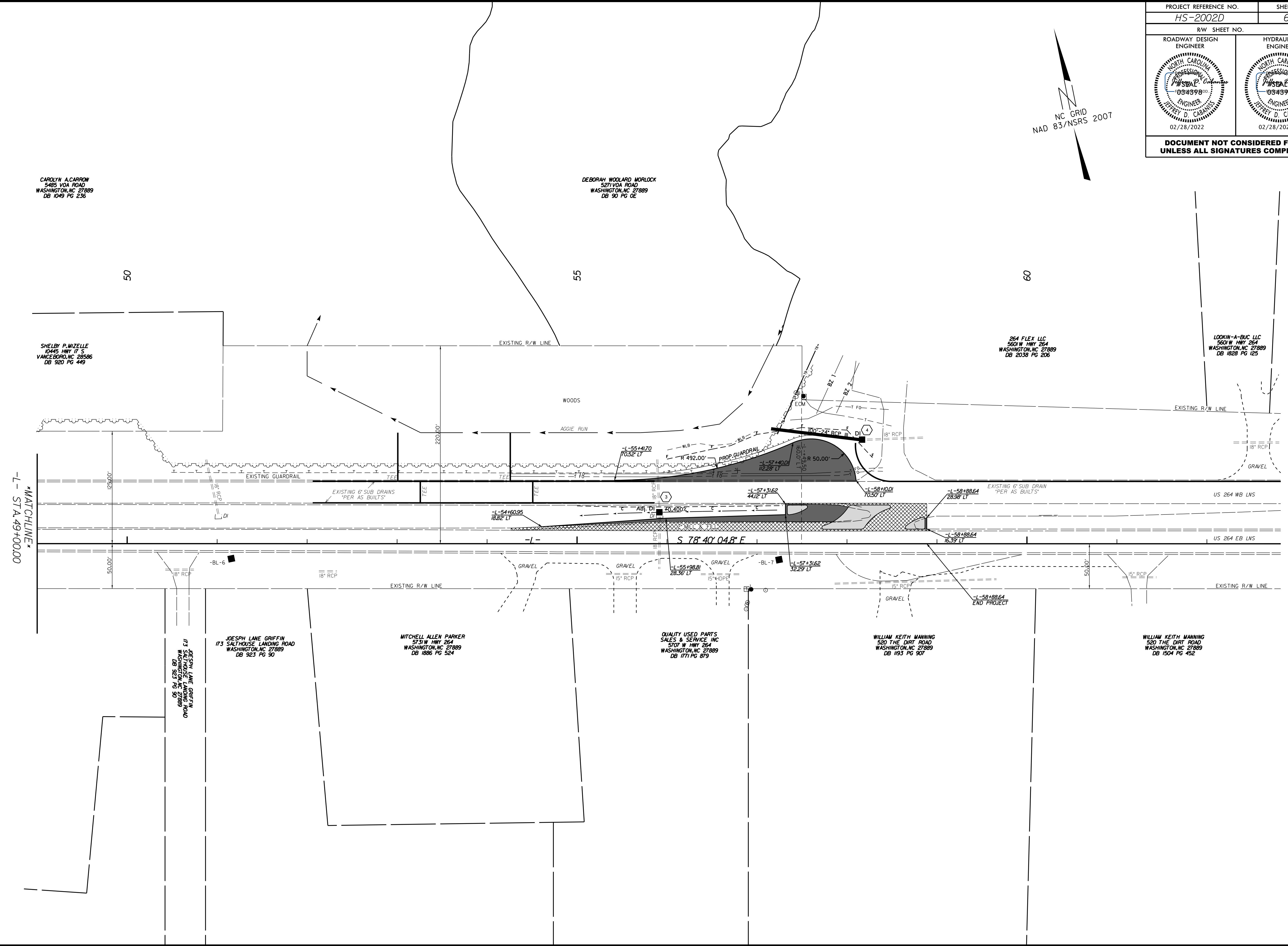
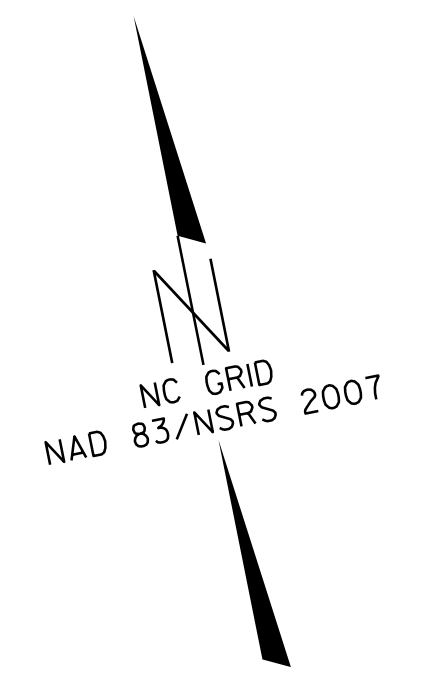
REVISIONS

24-FEB-2022 10:36 JFOR\T\HS-2002D_US264_SRI410\04_Rd\NHS-2002D.psh 5.dgn
 3:38:41 PM JFOR\T\HS-2002D_US264_SRI410\04_Rd\NHS-2002D.psh 5.dgn

PROJECT REFERENCE NO.	SHEET NO.
HS-2002D	5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
02/28/2022	02/28/2022
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PROJECT REFERENCE NO. <i>HS-2002D</i>	SHEET NO. 6
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER 
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



CAROLYN A. CARRON
5485 VOA ROAD
WASHINGTON, NC 27889
DB 1049 PG 236

DEBORAH WOOLARD MORLOCK
5271 VOA ROAD
WASHINGTON, NC 27889
DB 90 PG 0E

SHELBY P. MIZELLE
10445 HWY 17 S
VANCEBORO, NC 28586
DB 323 PG 449

264 FLEX LLC
5601 W HWY 264
WASHINGTON, NC 27889
DB 2038 PG 206

LOOKIN-A-BUC LLC
5601 W HWY 264
WASHINGTON, NC 27889
DB 1828 PG 125

JOSEPH LANE GRIFFIN
173 SALTHOUSE LANDING ROAD
WASHINGTON, NC 27889
DB 923 PG 90

MITCHELL ALLEN PARKER
5731 W HWY 264
WASHINGTON, NC 27889
DB 1886 PG 524

QUALITY USED PARTS
SALES & SERVICE INC
5707 W HWY 264
WASHINGTON, NC 27889
DB 1771 PG 879

WILLIAM KEITH MANNING
520 THE DIRT ROAD
WASHINGTON, NC 27889
DB 193 PG 907

WILLIAM KEITH MANNING
520 THE DIRT ROAD
WASHINGTON, NC 27889
DB 1504 PG 452

MATCHLINE

REVISIONS

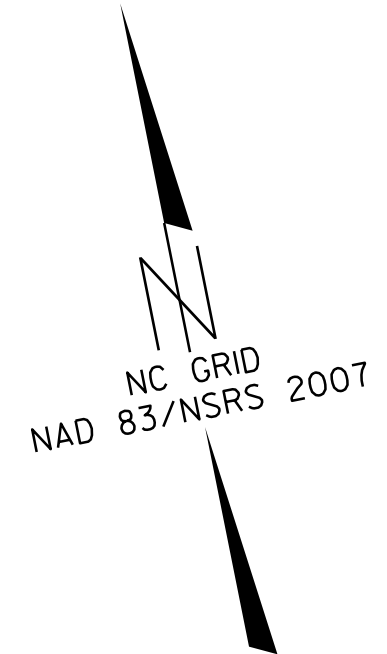
8/17/99
24-FEB-2022 13:36 J:\PORT\HS-2002D-US264-SR1410\04 Rd\NHS-2002D-psht_6.dgn
3:38 PM J:\PORT\HS-2002D-US264-SR1410\04

NOTE

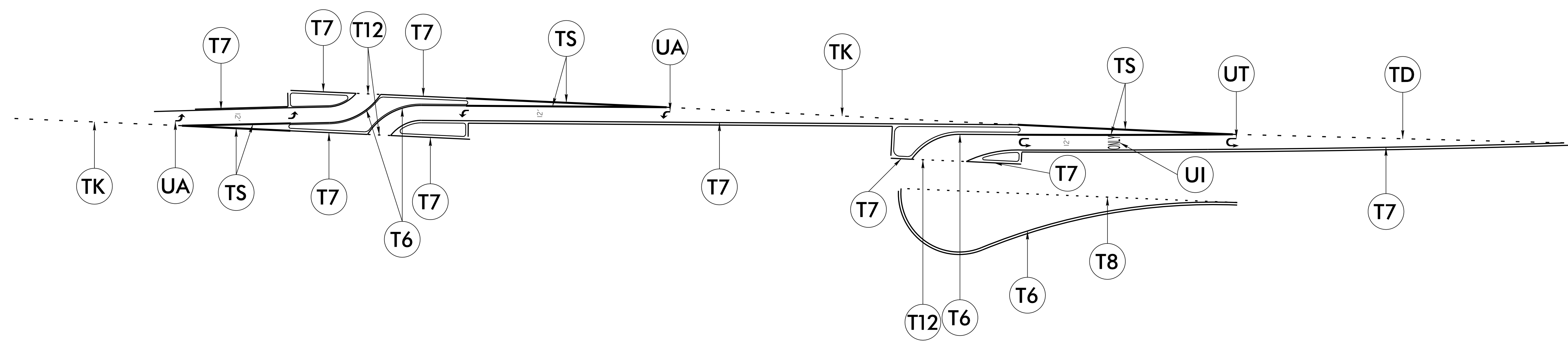
PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, NCDOT ROADWAY STANDARD DRAWINGS, AND THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). QUANTITIES FOR THESE ITEMS HAVE BEEN ACCOUNTED FOR IN THE CONTRACT BID FORM.

NOTE

FINAL SIGNAGE WILL BE PERFORMED BY NCDOT TRAFFIC SERVICES PROVIDE A 2 WEEK NOTICE PRIOR TO SIGNAGE REQUEST



REVISIONS



MATCHLINE
 -L- STA. 35+00.00

PAVEMENT MARKING SCHEDULE
 PAVEMENT MARKING LINES AND SYMBOLS

T2-THERMOPLASTIC PAVEMENT MARKING	(24" WHITE, 90MILS) STOPBAR
T6-THERMOPLASTIC PAVEMENT MARKING	(6" WHITE, 90MILS) EDGE LINE
T7-THERMOPLASTIC PAVEMENT MARKING	(6" YELLOW, 90MILS) EDGE LINE
T12-THERMOPLASTIC PAVEMENT MARKING	(6" YELLOW, 90MILS) 2'-6"/SP MINI SKIP LINE
TK-THERMOPLASTIC PAVEMENT MARKING	(6" WHITE, 90MILS) 3'-9"/SP MINI SKIP LINE
TS-THERMOPLASTIC PAVEMENT MARKING	(12" WHITE, 90MILS) GORELINE
UA-THERMOPLASTIC PAVEMENT SYMBOL	(WHITE, 90MILS) LEFT TURN ARROW
UB-THERMOPLASTIC PAVEMENT SYMBOL	(WHITE, 90MILS) RIGHT TURN ARROW
UI-THERMOPLASTIC PAVEMENT CHARACTER	(WHITE, 90MILS) ONLY
UT-THERMOPLASTIC PAVEMENT SYMBOL	(WHITE, 90MILS) U-TURN ARROW

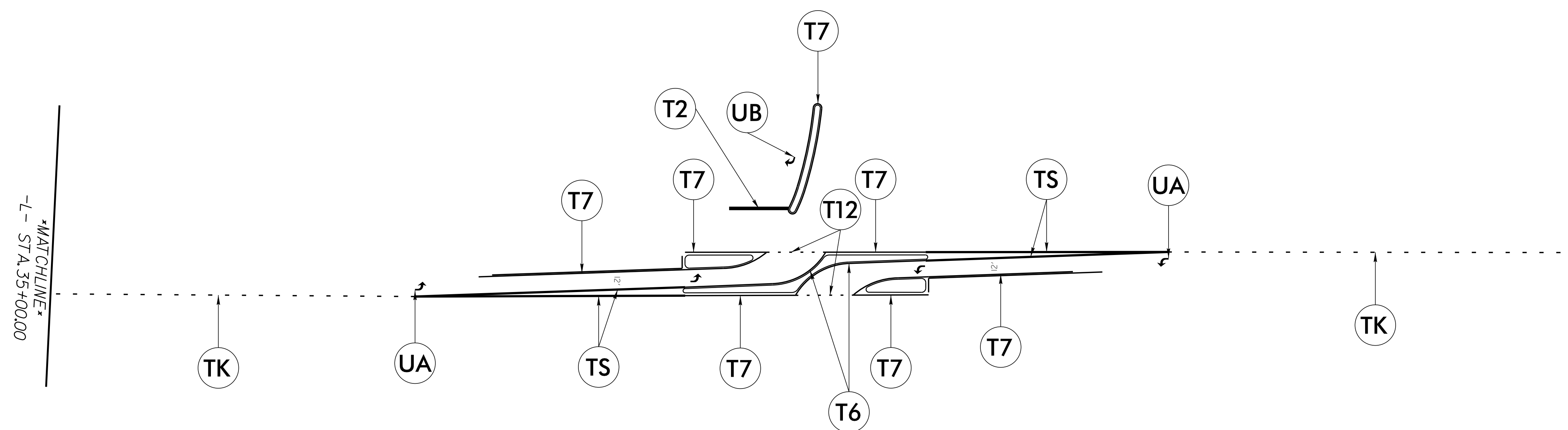
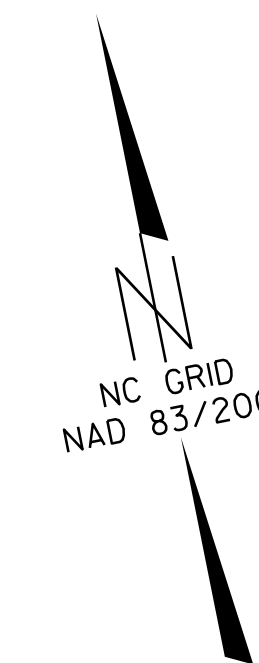
24 FEB 2006 13:48 J:\PRT\HS-2002D\US264.SR1410\04 Rd\HS-2002D.psh pmp1.dgn
 8/17/99

NOTE

PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, NCDOT ROADWAY STANDARD DRAWINGS, AND THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). QUANTITIES FOR THESE ITEMS HAVE BEEN ACCOUNTED FOR IN THE CONTRACT BID FORM.

NOTE

FINAL SIGNAGE WILL BE PERFORMED BY NCDOT TRAFFIC SERVICES PROVIDE A 2 WEEK NOTICE PRIOR TO SIGNAGE REQUEST



PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING LINES AND SYMBOLS

T2-THERMOPLASTIC PAVEMENT MARKING	(24" WHITE, 90MILS) STOPBAR
T6-THERMOPLASTIC PAVEMENT MARKING	(6" WHITE, 90MILS) EDGE LINE
T7-THERMOPLASTIC PAVEMENT MARKING	(6" YELLOW, 90MILS) EDGE LINE
T12-THERMOPLASTIC PAVEMENT MARKING	(6" YELLOW, 90MILS) 2'-6' / SP MINISKIP LINE
TK-THERMOPLASTIC PAVEMENT MARKING	(6" WHITE, 90MILS) 3'-9' / SP MINISKIP LINE
TS-THERMOPLASTIC PAVEMENT MARKING	(12" WHITE, 90MILS) GORELINE
UA-THERMOPLASTIC PAVEMENT SYMBOL	(WHITE, 90MILS) LEFT TURN ARROW
UB-THERMOPLASTIC PAVEMENT SYMBOL	(WHITE, 90MILS) RIGHT TURN ARROW
UI-THERMOPLASTIC PAVEMENT CHARACTER	(WHITE, 90MILS) ONLY
UT-THERMOPLASTIC PAVEMENT SYMBOL	(WHITE, 90MILS) U-TURN ARROW

REVISIONS

8/17/99

24 FEB 2002 13:48 J:\PROJECTS\HS-2002D\US264.SR1410\QA Rd\HS-2002D_psh_pmp2.dgn

MATCHLINE
-L- STA. 49+00.00

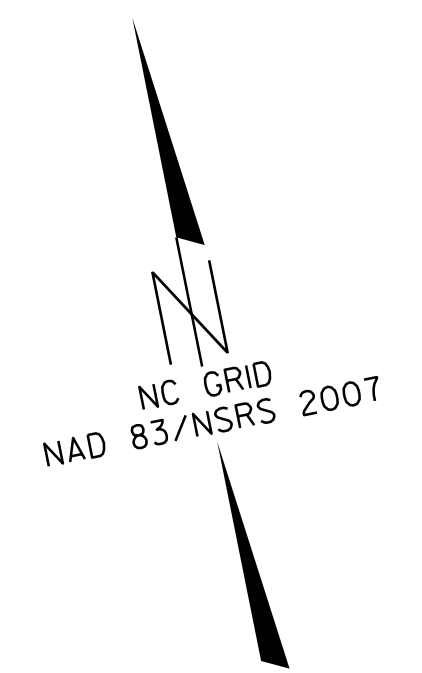
MATCHLINE
-L- STA. 35+00.00

NOTE

PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, NCDOT ROADWAY STANDARD DRAWINGS, AND THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). QUANTITIES FOR THESE ITEMS HAVE BEEN ACCOUNTED FOR IN THE CONTRACT BID FORM.

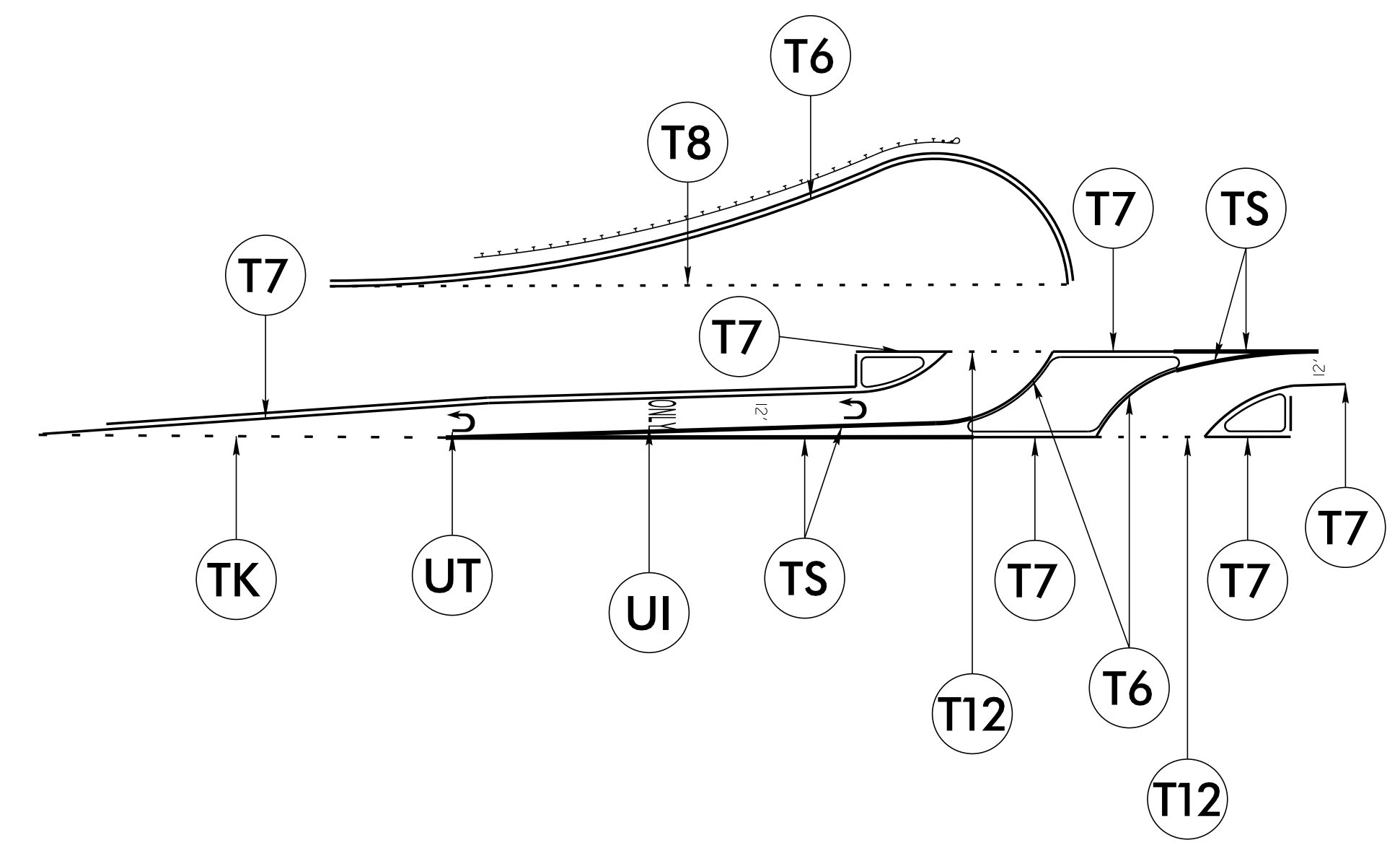
NOTE

FINAL SIGNAGE WILL BE PERFORMED BY NCDOT TRAFFIC SERVICES PROVIDE A 2 WEEK NOTICE PRIOR TO SIGNAGE REQUEST



REVISIONS

-L- STA. 49+00.00
MATCHLINE



PAVEMENT MARKING SCHEDULE
PAVEMENT MARKING LINES AND SYMBOLS

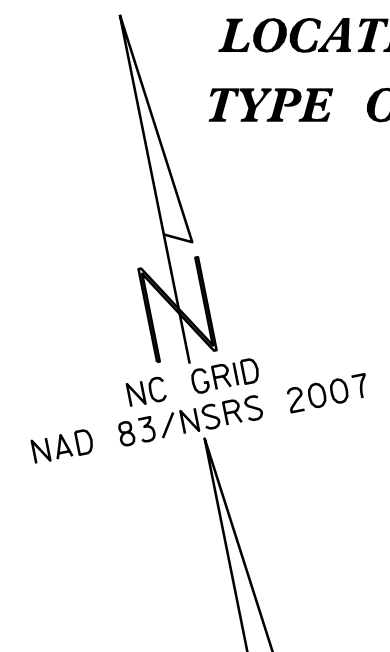
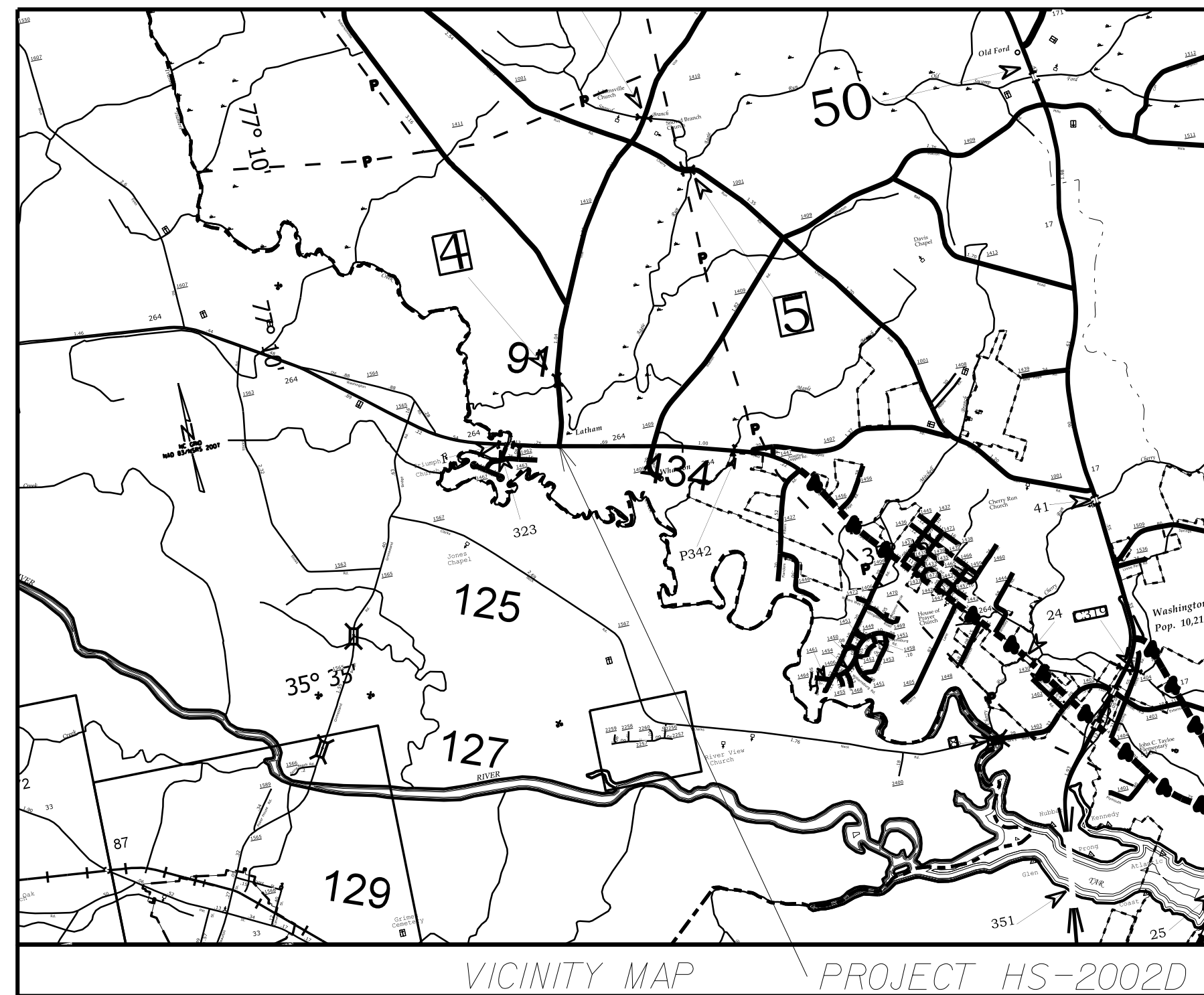
T2-THERMOPLASTIC PAVEMENT MARKING	(24" WHITE, 90MILS) STOPBAR
T6-THERMOPLASTIC PAVEMENT MARKING	(6" WHITE, 90MILS) EDGE LINE
T7-THERMOPLASTIC PAVEMENT MARKING	(6" YELLOW, 90MILS) EDGE LINE
T12-THERMOPLASTIC PAVEMENT MARKING	(6" YELLOW, 90MILS) 2'-6"/SP MINI SKIP LINE
TK-THERMOPLASTIC PAVEMENT MARKING	(6" WHITE, 90MILS) 3'-9"/SP MINI SKIP LINE
TS-THERMOPLASTIC PAVEMENT MARKING	(12" WHITE, 90MILS) GORELINE
UA-THERMOPLASTIC PAVEMENT SYMBOL	(WHITE, 90MILS) LEFT TURN ARROW
UB-THERMOPLASTIC PAVEMENT SYMBOL	(WHITE, 90MILS) RIGHT TURN ARROW
UI-THERMOPLASTIC PAVEMENT CHARACTER	(WHITE, 90MILS) ONLY
UT-THERMOPLASTIC PAVEMENT SYMBOL	(WHITE, 90MILS) U-TURN ARROW

24 FEB 2002 13:48 J:\PORT\HS-2002D\J5264.SR1410\04 Rd\HS-2002D_psh_pmp3.dgn
 8/17/99

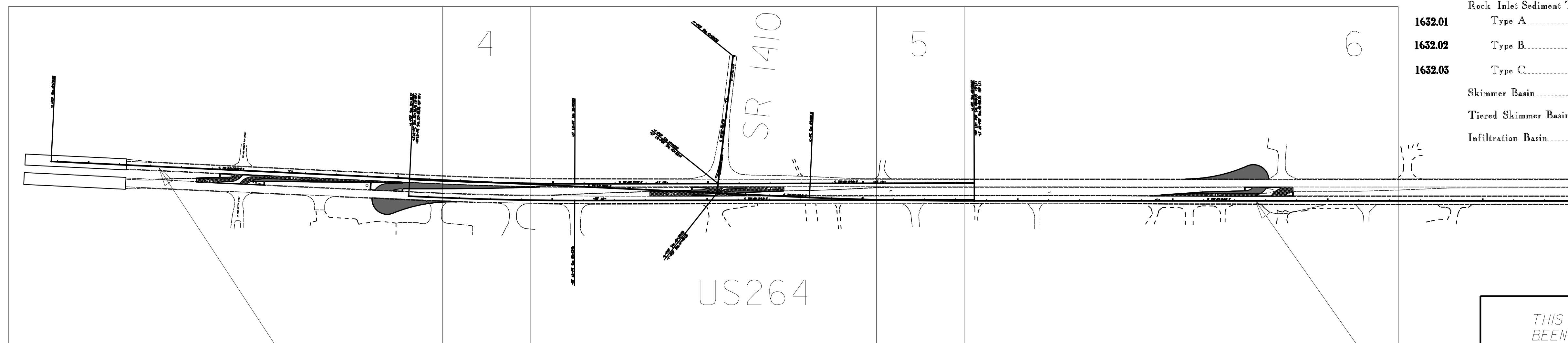
TIP PROJECT: HS-2002D

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

PLAN FOR PROPOSED HIGHWAY EROSION CONTROL



LOCATION: US 264 AT SR 1410 (VOA ROAD) _BEAUFORT COUNTY
TYPE OF WORK: WIDEN, MILL AND PAVE EXISTING TURN LANES
CONSTRUCT NEW U-TURN LANES WITH TURNING BULB OUTS
CONSTRUCT CONCRETE CHANNELIZATION ISLANDS
AND INSTALL NEW PAVEMENT MARKINGS COVERING PROJECT LIMITS INTO A REDUCED CONFLICT INTERSECTION MOVEMENT



-L-23+49.68
BEGIN PROJECT HS-2002D

-L-58+88.64
END PROJECT HS-2002D

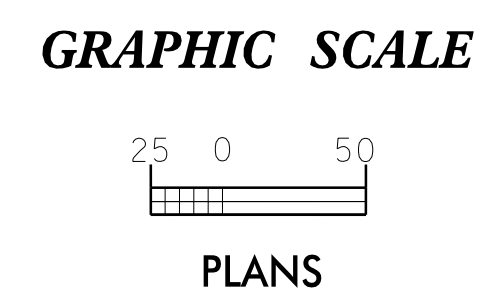
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HS-2002D	EC-1	4
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
49300.1.5	0264073	PE	
49300.2.5	0264073	ROW-UTILITY	
49300.3.5	0264073	CONST	

EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1630.03	Temporary Silt Ditch	TD
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	III III III
1606.01	Special Sediment Control Fence	III III III
1622.01	Temporary Berms and Slope Drains	III III III
1630.02	Silt Basin Type B	III III III
1633.01	Temporary Rock Silt Check Type-A	III III III
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	III III III
1633.02	Temporary Rock Silt Check Type-B	III III III
	Wattle / Coir Fiber Wattle	III III III
	Wattle / Coir Fiber Wattle with Polyacrylamide (PAM)	III III III
1634.01	Temporary Rock Sediment Dam Type-A	III III III
1634.02	Temporary Rock Sediment Dam Type-B	III III III
1635.01	Rock Pipe Inlet Sediment Trap Type-A	III III III
1635.02	Rock Pipe Inlet Sediment Trap Type-B	III III III
1630.04	Stilling Basin	III III III
1630.06	Special Stilling Basin	III III III
	Rock Inlet Sediment Trap:	III III III
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C
	Skimmer Basin	III III III
	Tiered Skimmer Basin	III III III
	Infiltration Basin	III III III

THIS PROJECT HAS BEEN DESIGNED TO SENSITIVE WATERSHED STANDARDS.

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



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 27835

Rich Godley
 Level III
 Certification #3559

Roadway Standard Drawings

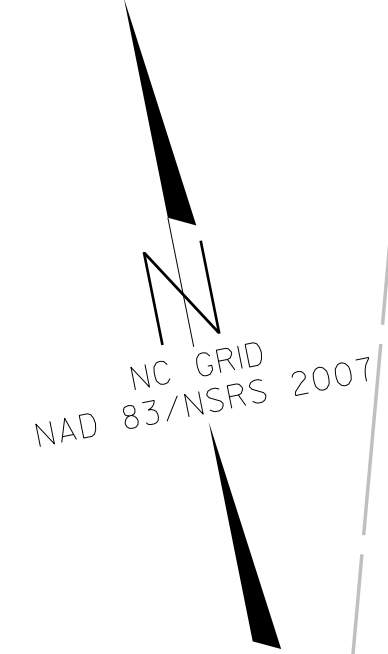
The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2018 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

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	

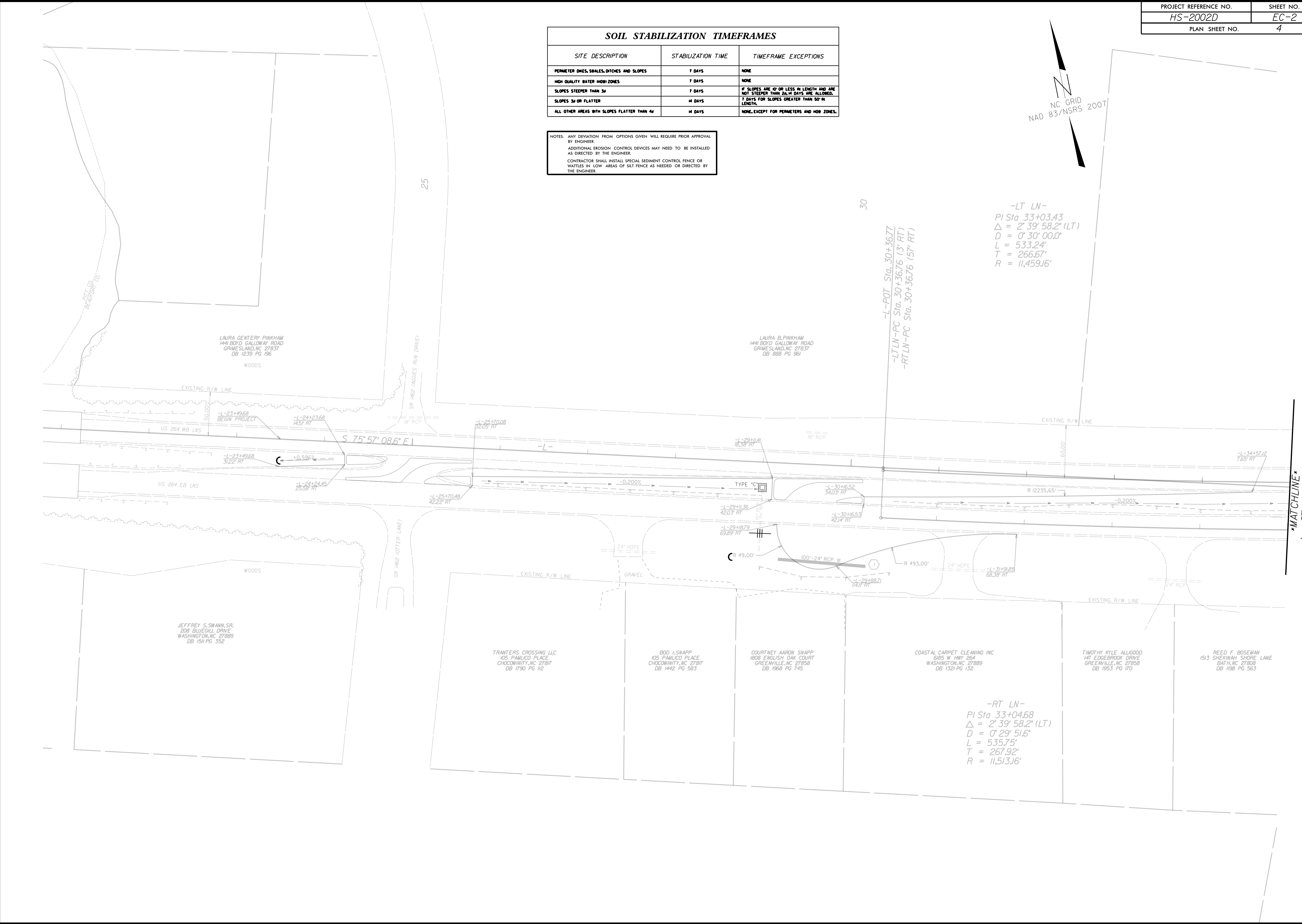
SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERMEATER DRES, SHALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER HOBIZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3%	7 DAYS	IF SLOPES ARE 4' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 24:24 DAYS ARE ALLOWED.
SLOPES 3% OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4%	14 DAYS	NONE, EXCEPT FOR PERMEATORS AND HOBIZONES.

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 WATLES IN LOW AREAS OF SILT FENCE AS NEEDED OR DIRECTED BY THE ENGINEER.



REVISIONS
 24-FEB-2025 13:38 JEFFREY.S.SWANN.SR@DORR.VHS-2002D.US264.SR141010A Rd\NHS-2002D.psh ec2.dgn
 8/17/99



-LT LN-
 PI Sta 33+03.43
 $\Delta = 2^\circ 39' 58.2\" (LT)$
 $D = 0^\circ 30' 00.0\"$
 $L = 533.24'$
 $T = 266.67'$
 $R = 11,459.16'$

-RT LN-
 PI Sta 33+04.68
 $\Delta = 2^\circ 39' 58.2\" (LT)$
 $D = 0^\circ 29' 51.6\"$
 $L = 535.75'$
 $T = 267.92'$
 $R = 11,513.16'$

MATCHLINE
 -L- STA. 35+00.00

Laura Gentry Pinkham
 1441 Boyd Galloway Road
 Grimesland, NC 27837
 DB 1233 PG 196
 Woods

Laura B. Pinkham
 1441 Boyd Galloway Road
 Grimesland, NC 27837
 DB 688 PG 99

Jeffrey S. Swann, Sr.
 208 Bluegill Drive
 Washington, NC 27889
 DB 1511 PG 352
 Woods

Tranters Crossing LLC
 105 Pamlico Place
 Chocowinity, NC 27817
 DB 1790 PG 112

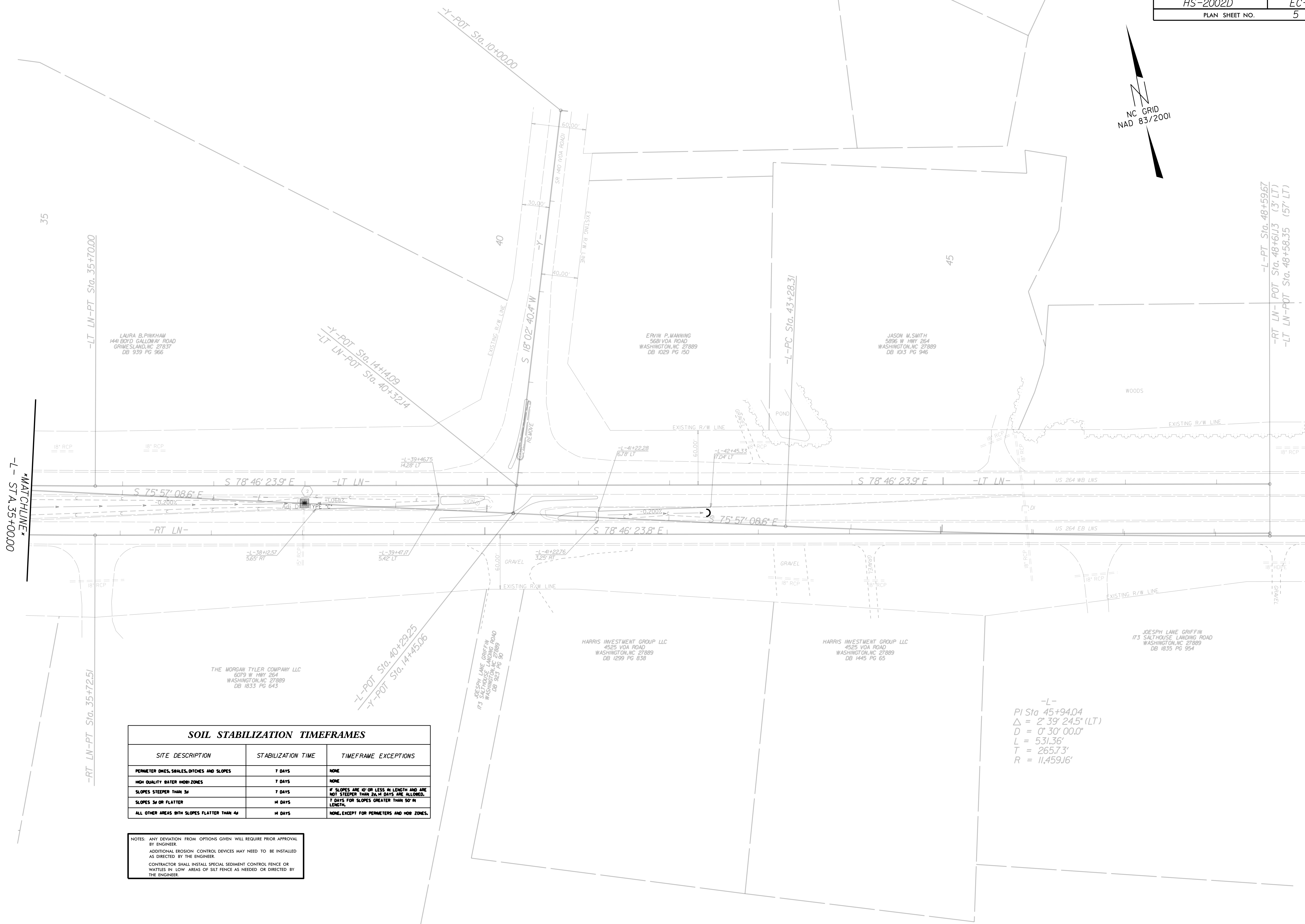
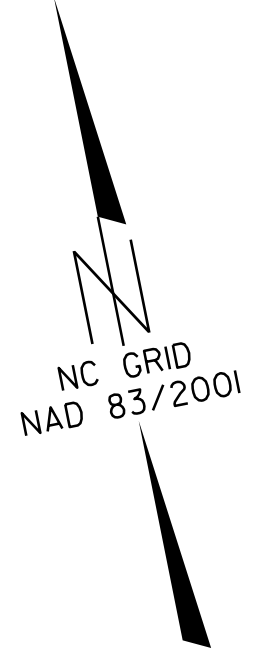
Bod I. Snapp
 105 Pamlico Place
 Chocowinity, NC 27817
 DB 1442 PG 583

Courtney Aaron Snapp
 1808 English Oak Court
 Greenville, NC 27858
 DB 1968 PG 745

Coastal Carpet Cleaning Inc
 6185 W Hwy 264
 Washington, NC 27889
 DB 1521 PG 132

Timothy Kyle Allgood
 147 Edgebrook Drive
 Greenville, NC 27858
 DB 1953 PG 170

Reed F. Boseman
 1513 Shekinah Shore Lane
 Bath, NC 27809
 DB 1198 PG 563



SOIL STABILIZATION TIMEFRAMES		
SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERMETER DRES, SHALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER HOW ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 40' 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 PERMETERS AND HOW ZONES.

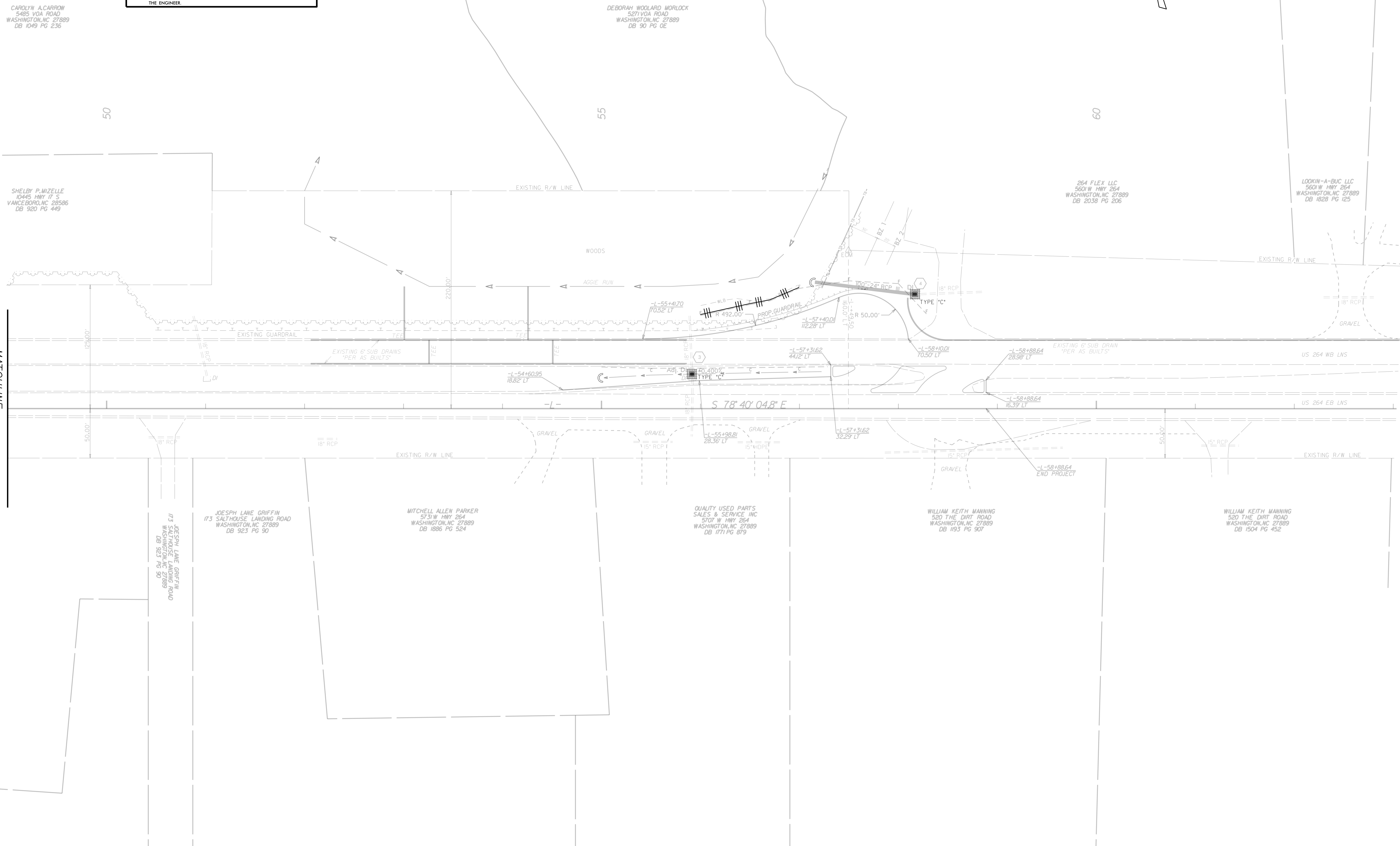
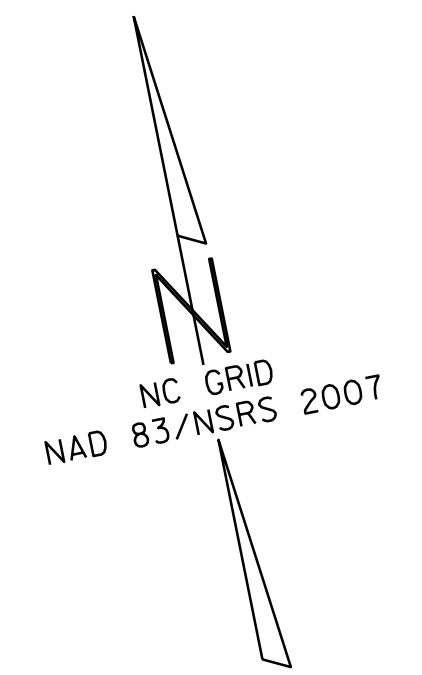
NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.
 ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.
 CONTRACTOR SHALL INSTALL SPECIAL SEDIMENT CONTROL FENCE OR WAFFLES IN LOW AREAS OF SILT FENCE AS NEEDED OR DIRECTED BY THE ENGINEER.

REVISIONS

24-FEB-2025 13:38 JEFFREY.VHS-2002D-US264-SR141010A Rd\NHS-2002D-psht.ec3.dgn
 8/17/99

SOIL STABILIZATION TIMEFRAMES		
SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERMETER DMS, SHALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER HOB ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	# SLOPES ARE 4:1 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 HOB 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.



MATCHLINE
 -L- STA. 49+00.00

REVISIONS

8/17/99
 24-FEB-2025 13:39 J:\PORT\HS-2002D-US264-SR1410\04 Rd\NHS-2002D-psht.ec4.dgn
 33841551EN\NHS-2002D-US264-SR1410\04 Rd\NHS-2002D-psht.ec4.dgn

CAROLYN A. CARRON
 5485 VOA ROAD
 WASHINGTON, NC 27889
 DB 1049 PG 236

DEBORAH WOOLARD MORLOCK
 5271 VOA ROAD
 WASHINGTON, NC 27889
 DB 90 PG 0E

SHELBY P. MIZELLE
 10445 HWY 17 S
 VANCEBORO, NC 28586
 DB 923 PG 449

264 FLEX LLC
 5601 W HWY 264
 WASHINGTON, NC 27889
 DB 2038 PG 206

LOOKIN-A-BUC LLC
 5601 W HWY 264
 WASHINGTON, NC 27889
 DB 1828 PG 125

JOSEPH LANE GRIFFIN
 173 SALTHOUSE LANDING ROAD
 WASHINGTON, NC 27889
 DB 923 PG 90

MITCHELL ALLEN PARKER
 5731 W HWY 264
 WASHINGTON, NC 27889
 DB 1886 PG 524

QUALITY USED PARTS
 SALES & SERVICE INC
 5707 W HWY 264
 WASHINGTON, NC 27889
 DB 1771 PG 879

WILLIAM KEITH MANNING
 520 THE DIRT ROAD
 WASHINGTON, NC 27889
 DB 193 PG 907

WILLIAM KEITH MANNING
 520 THE DIRT ROAD
 WASHINGTON, NC 27889
 DB 1504 PG 452

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SUMMARY OF EARTHWORK
IN CUBIC YARDS

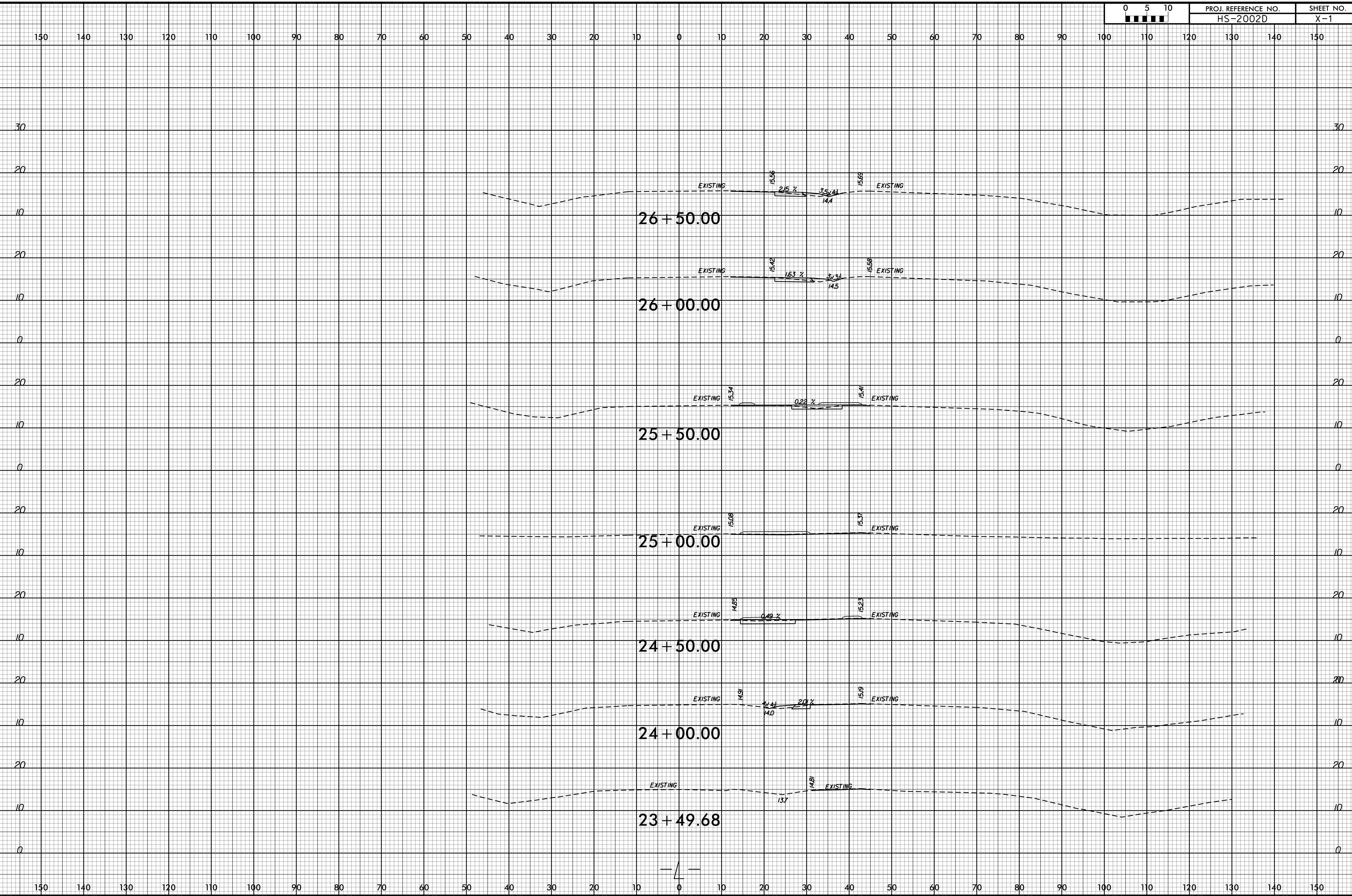
LOCATION (-L-)	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT
24+00.00	0		0
24+50.00	12		3
25+50.00	28		0
26+00.00	11		3
26+50.00	11		6
27+00.00	9		6
27+50.00	10		5
28+00.00	12		4
28+50.00	15		5
29+00.00	15		5
29+50.00	21		199
30+00.00	30		389
30+50.00	31		305
31+00.00	33		119
31+50.00	31		11
32+00.00	23		11
32+50.00	19		10
33+00.00	16		7
33+50.00	14		4
34+00.00	13		2
34+50.00	13		0
35+00.00	11		0
35+50.00	9		0
36+00.00	9		0
36+50.00	9		0
37+00.00	8		0
37+50.00	8		0
38+00.00	8		2
38+12.57	2		1
38+50.00	4		3
39+00.00	4		6
39+50.00	7		3
40+00.00	12		0
41+00.00	33		0
41+50.00	14		1
42+00.00	5		2

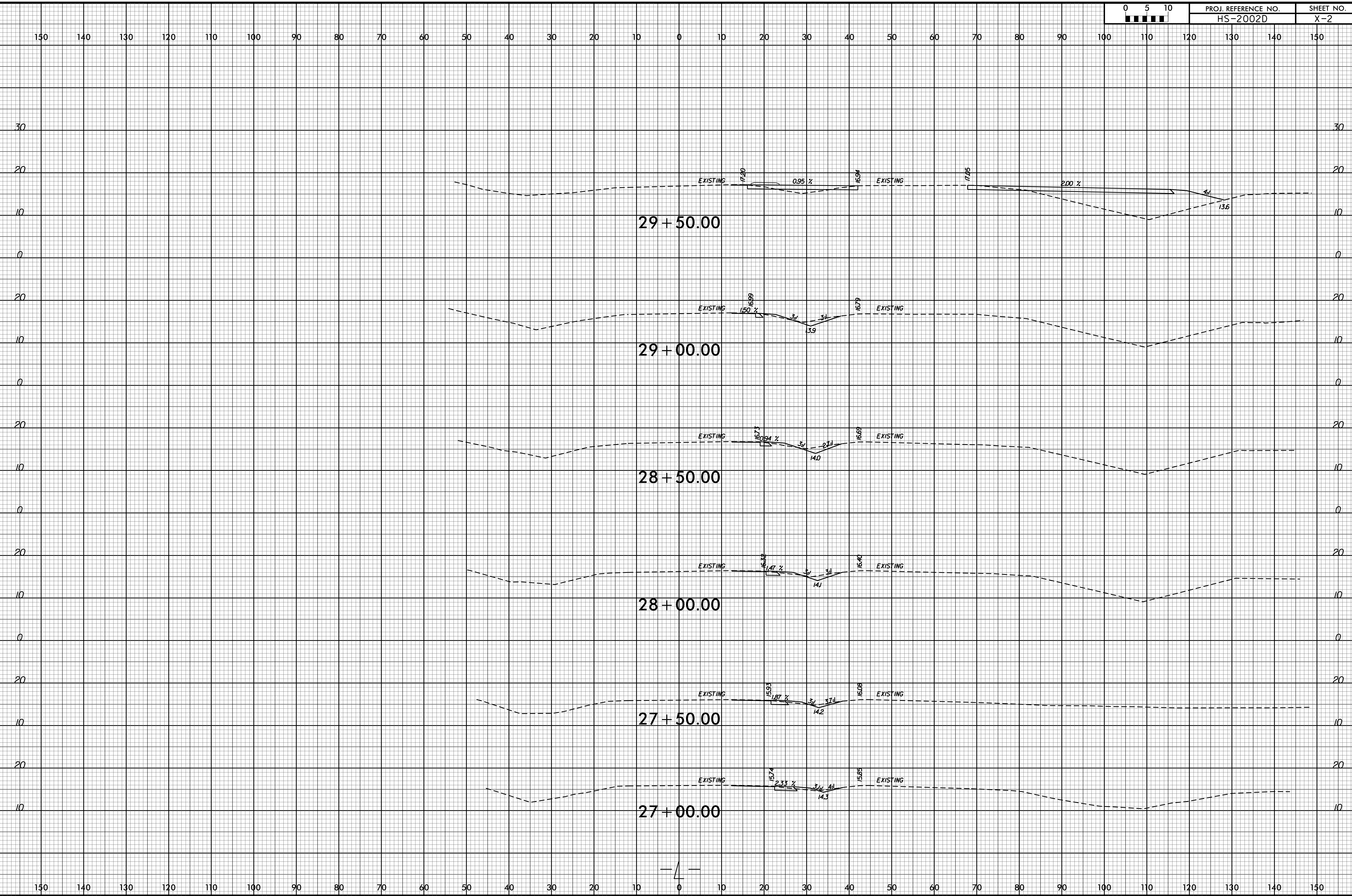
LOCATION (-L-)	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT
55+00.00	0		0
55+50.00	5		6
56+00.00	12		23
56+50.00	19		90
57+00.00	23		253
57+50.00	28		411
58+00.00	32		416
58+88.64	48		327

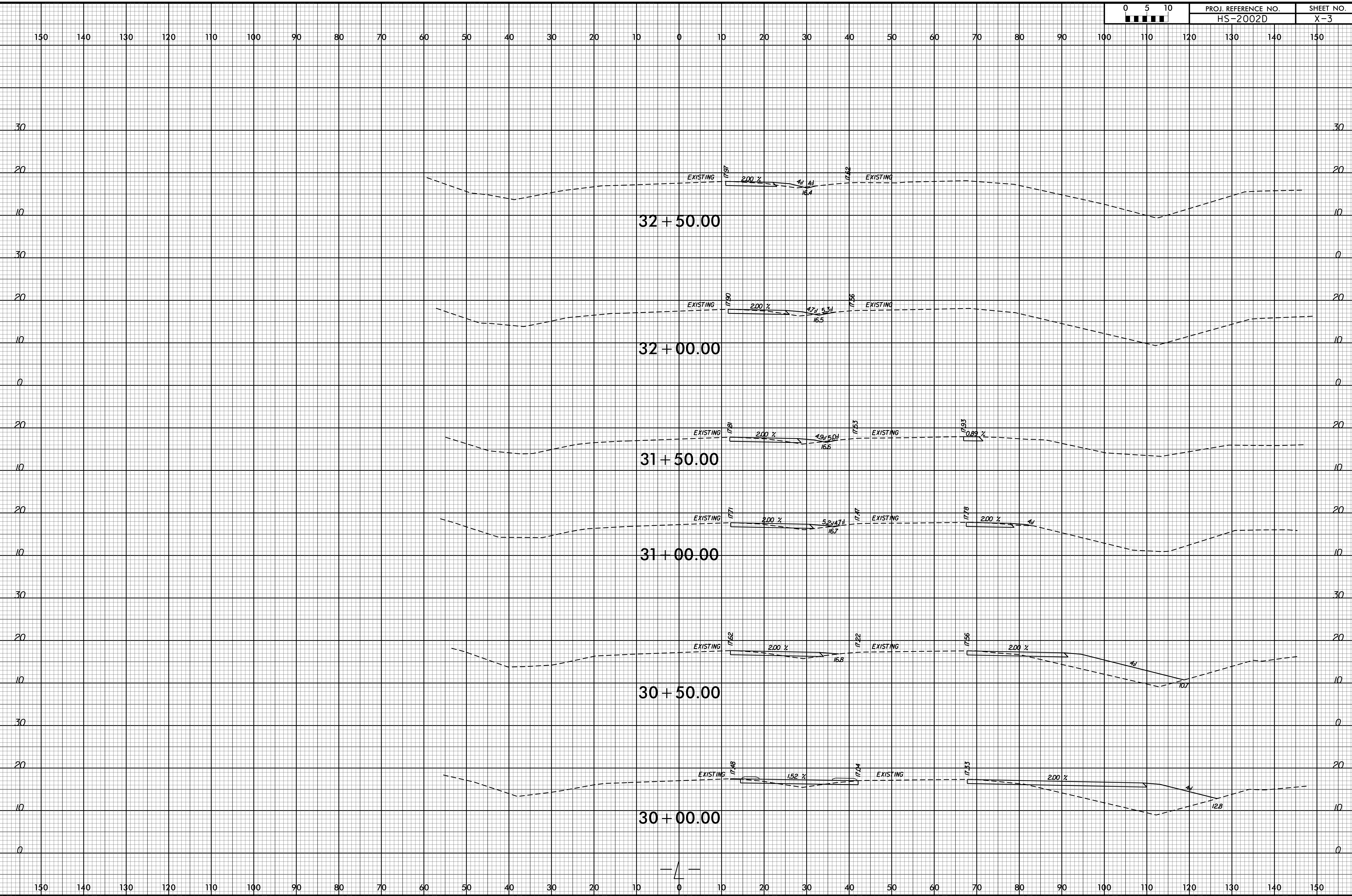
NOTE:
APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, FINE GRADING, CLEARING AND GRUBBING AND REMOVAL OF EXISTING PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "GRADING."

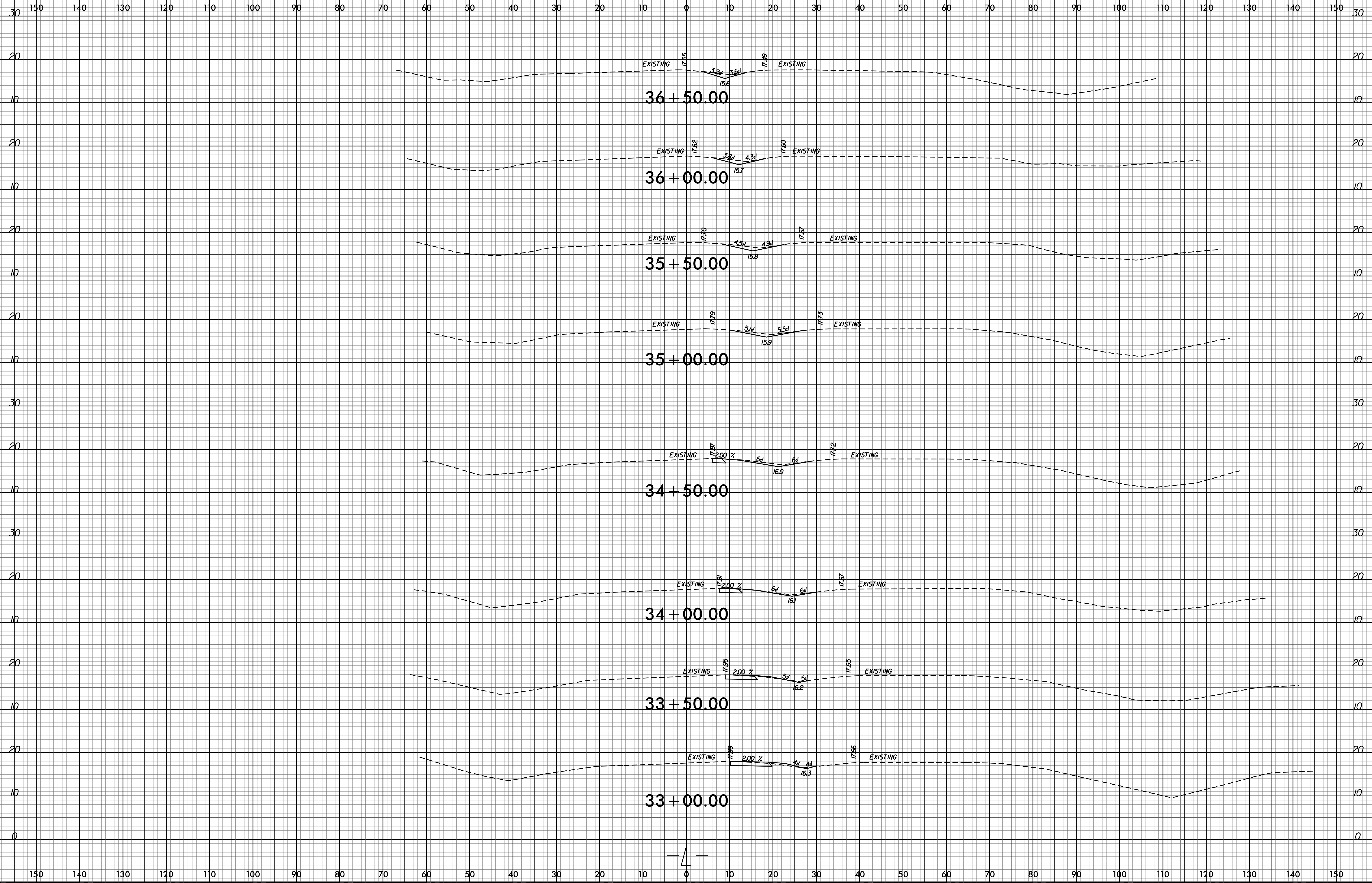
NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT.

5/9/06
24 FEB 2022 10:29 AM
C:\WORK\2022\1829\FORT VHS-2002D-US264.SR1410\VOA Rd\HS-2002D.psh xtb.dgn

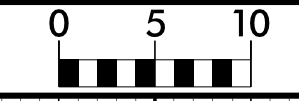






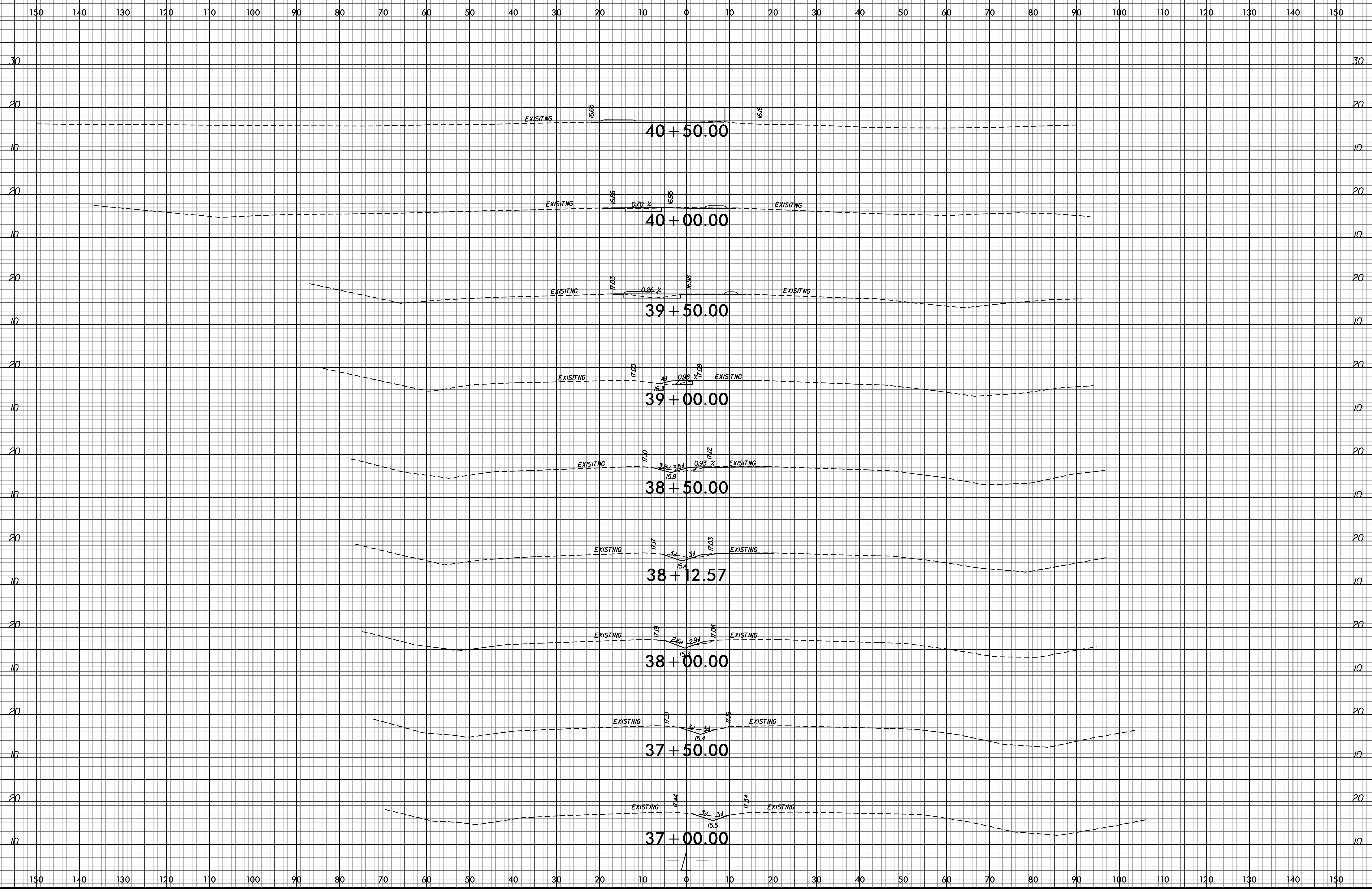


6/23/16

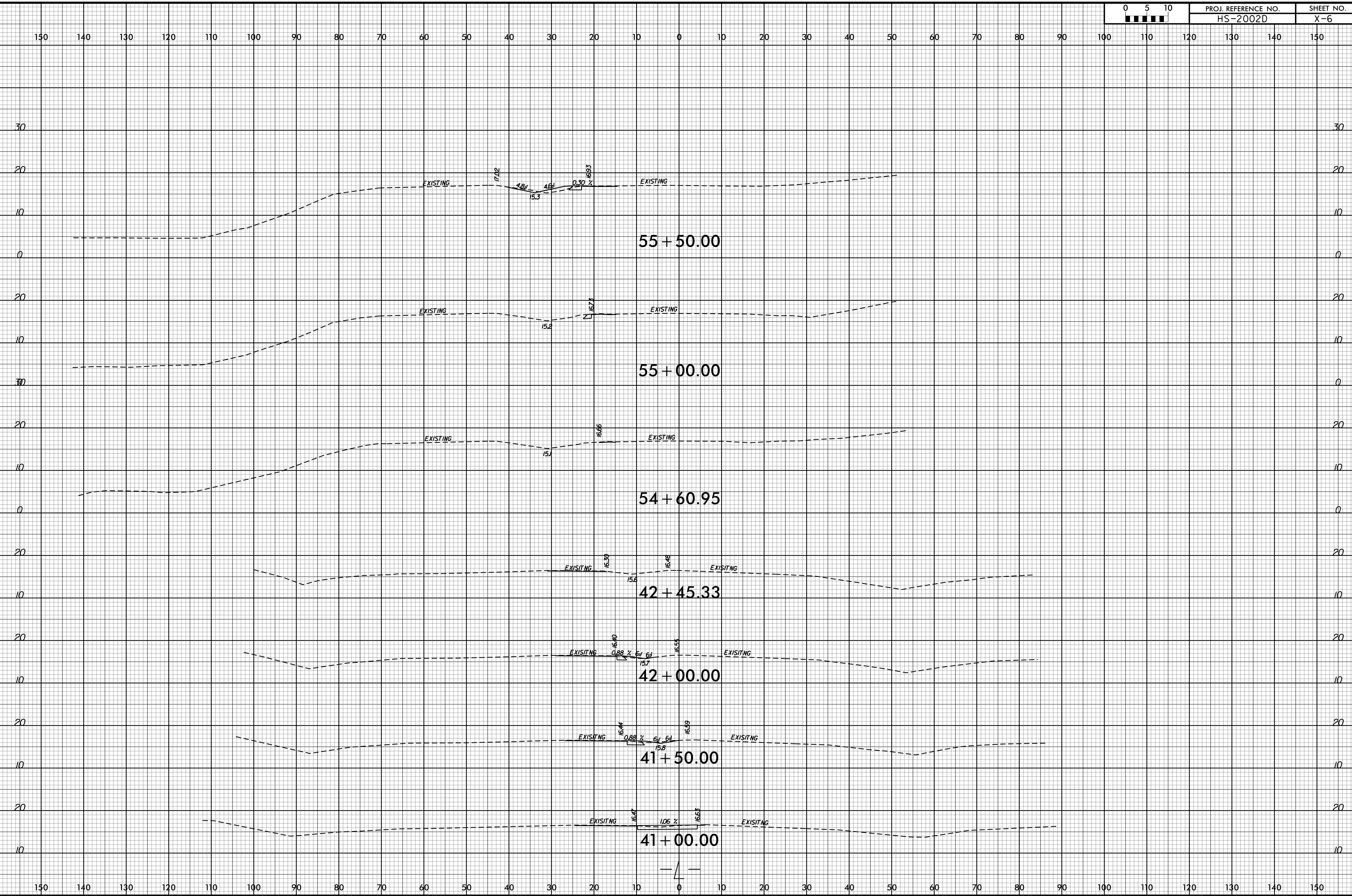


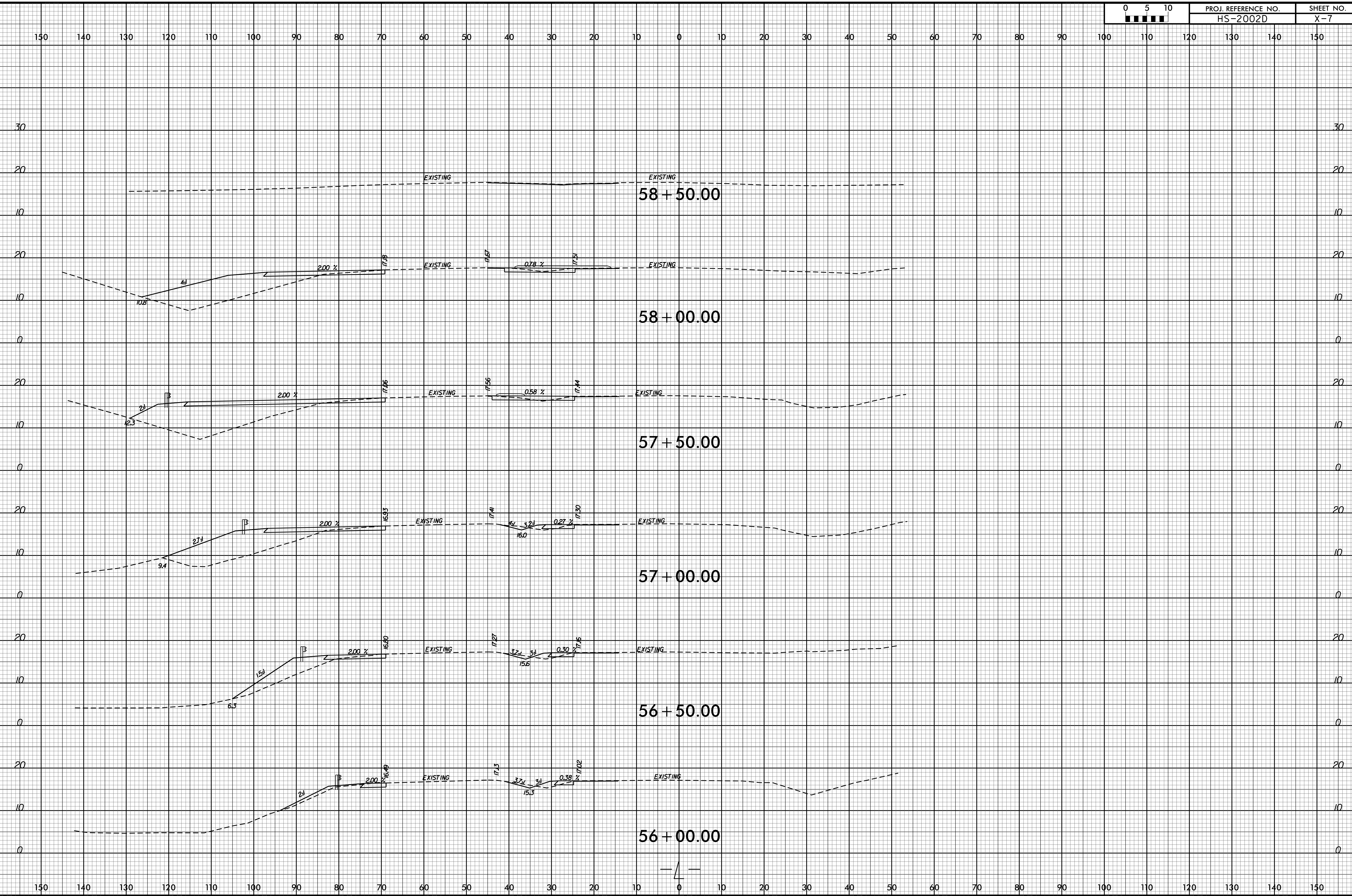
PROJ. REFERENCE NO.
HS-2002D

SHEET NO.
X-5



24-FEB-2022 13:40
G:\PROJECTS\BEAR\HS-2002D_US264_SRI1410\VD A R.d\HS-2002D_xp1.dgn
SSSUSER\NAMES\$





150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

