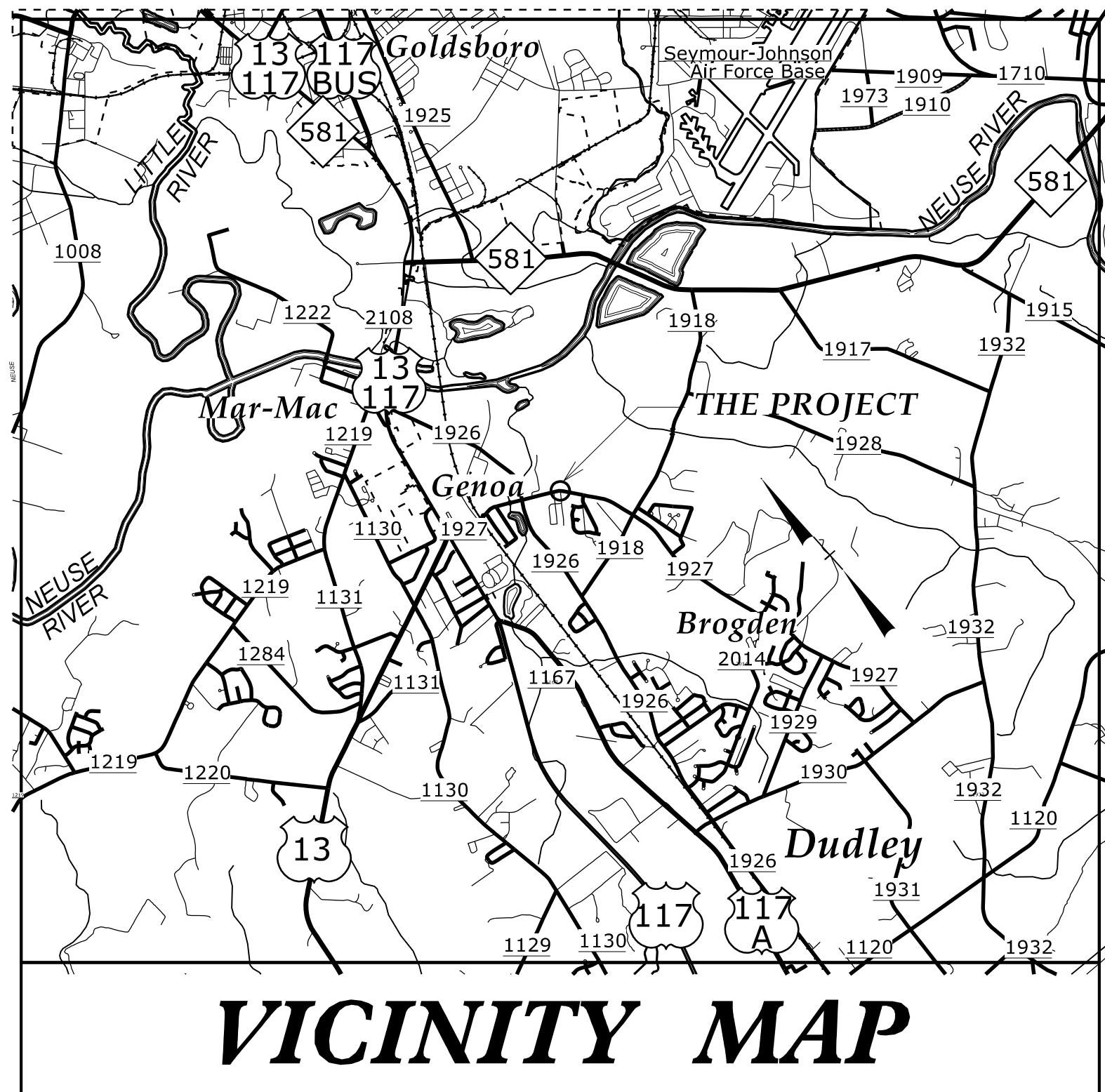


See Sheet 1-A For Index of Sheets



VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

WAYNE COUNTY

LOCATION: SR-1927 (GENOA ROAD) AT CRESCENT DRIVE NEAR GENOA.

TYPE OF WORK: GRADING, DRAINAGE AND PAVING

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5704K	1	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
44850.1.11	HSIP-1927(006)	PE	
44850.2.11	HSIP-1927(006)	R/W & UTILITY	
44850.3.11	HSIP-1927(006)	CONST.	

TIP PROJECT: W-5704K

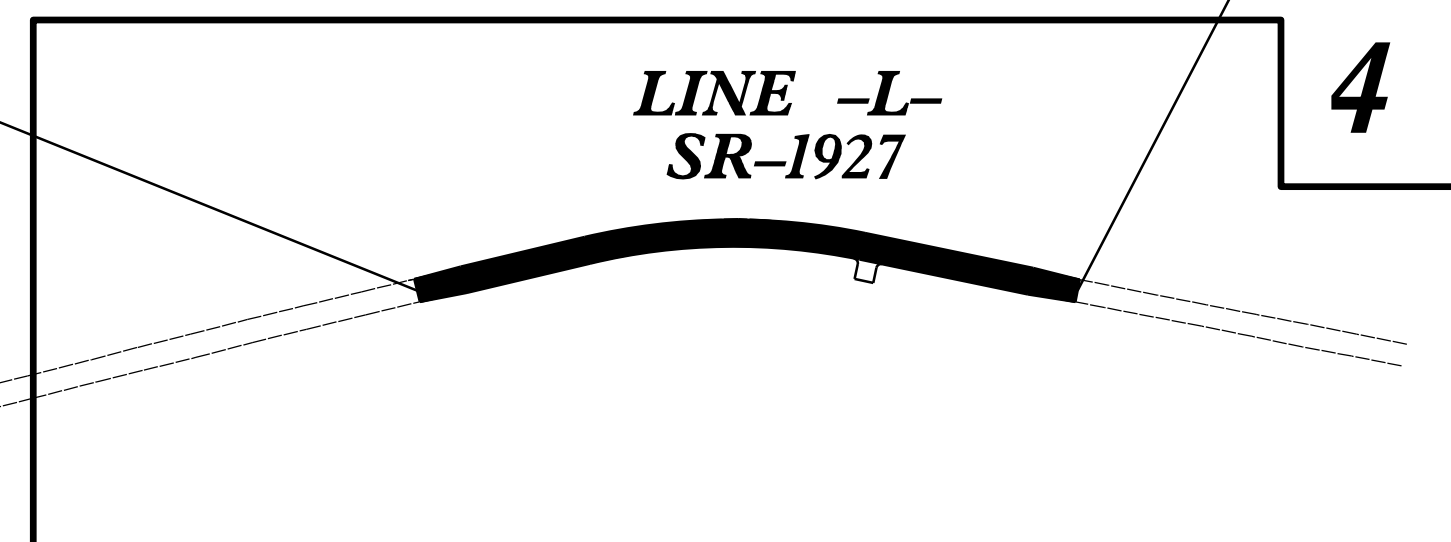
CONTRACT: DD00451

**-L- POT 15+50.00
BEGIN PROJECT W-5704K**

**-L- POT 22+50.00
END PROJECT W-5704K**

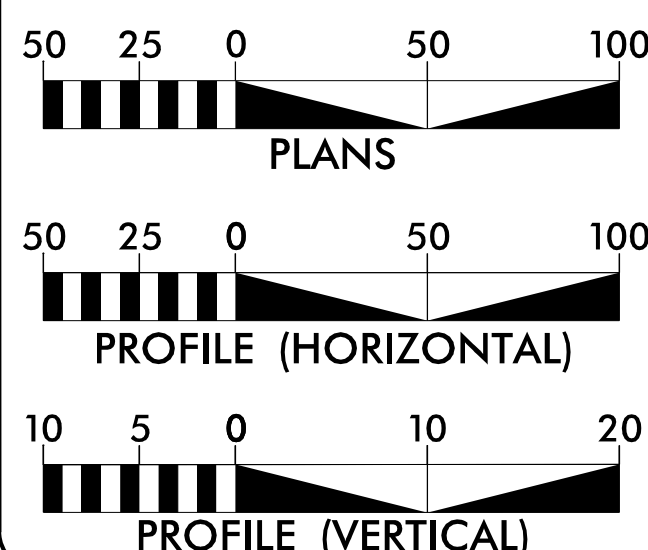
TO SR-1926

TO SR-1918



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES



DESIGN DATA

ADT = 5,300

V = 45 MPH

FUNCTIONAL CLASS
LOCAL

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT W-5704K = 0.133 MILES
TOTAL LENGTH TIP PROJECT W-5704K = 0.133 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS

Division 4 DDC
509 Ward Blvd., Wilson NC, 27895

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JANUARY 2, 2020

LETTING DATE:
MARCH 12, 2024

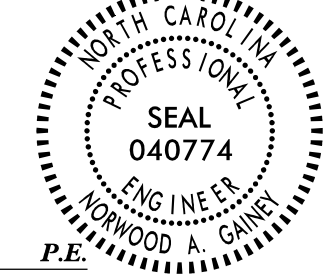
KEITH EASON, PE
PROJECT ENGINEER

D. R. ETHRIDGE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

02/05/2024

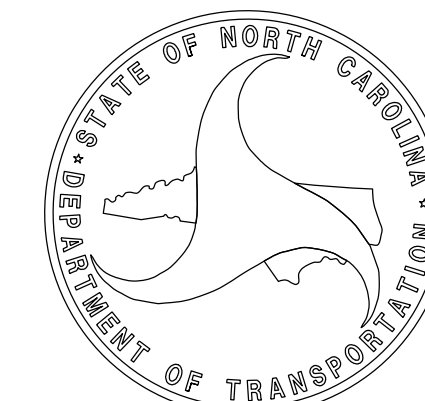
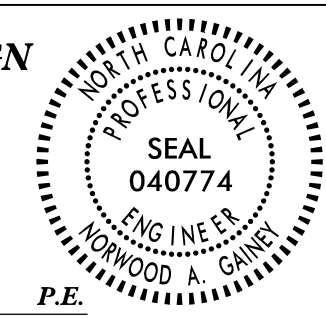
DocuSigned by:
Norwood A. GAINY III
SIGNATURE:



ROADWAY DESIGN ENGINEER

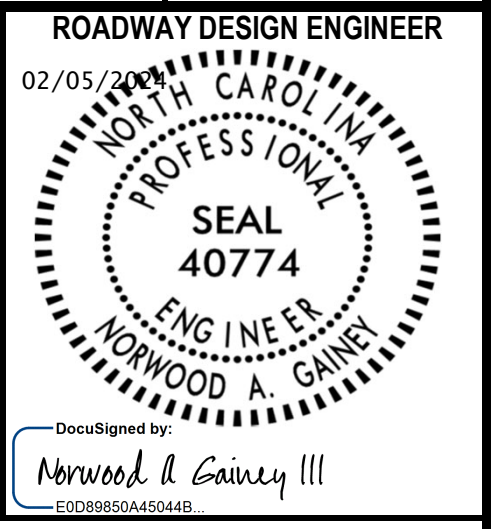
02/05/2024

DocuSigned by:
Norwood A. GAINY III
SIGNATURE:



STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

PROJ. REFERENCE NO. W-5704K	SHEET NO. 1-A
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2024 ROADWAY ENGLISH STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" CONTRACTS STANDARDS AND DEVELOPMENT UNIT - N. C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N. C., DATED JANUARY 16, 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

- DIVISION 2 - EARTHWORK
 - 200.03 METHOD OF CLEARING - METHOD III
 - 225.01 GUIDE FOR GRADING SUBGRADE - INTERSTATE AND FREEWAY
 - 225.04 METHOD OF OBTAINING SUPERELEVATION - TWO LANE PAVEMENT
- DIVISION 3 - PIPE CULVERTS
 - 300.01 METHOD OF PIPE INSTALLATION
 - 310.10 DRIVEWAY PIPE CONSTRUCTION
- 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
 - 840.71 CONCRETE AND BRICK PIPE PLUG
 - 840.72 PIPE COLLAR

GENERAL NOTES: 2024 SPECIFICATIONS

- GRADE LINE:**
GRADING AND SURFACING OR RESURFACING AND WIDENING:
 THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. WHERE NO GRADE LINES ARE SHOWN, THE PROFILES SHOWN DENOTE THE TOP ELEVATION OF THE EXISTING PAVEMENT ALONG THE CENTER LINE OF SURVEY ON WHICH THE PROPOSED RESURFACING WILL BE PLACED. GRADE LINES MAY BE ADJUSTED 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. 225.04. USING THE RATE OF SUPERELEVATION AND RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.
- 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.
- TEMPORARY SHORING:**
 SHORING REQUIRED FOR THE MAINTENANCE OF TRAFFIC WILL BE PAID FOR AS "EXTRA WORK" IN ACCORDANCE WITH SECTION 104-7.
- 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:
 PIEDMONT NATURAL GAS, SPECTRUM, AT&T, SOUTHERN WAYNE SEWER DISTRICT, SOUTHEASTERN WAYNE SEWER DISTRICT AND TRI-COUNTY EMC.

 ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.

SHEET NUMBER	INDEX OF SHEETS SHEET
1	TITLE SHEET
1A	INDEX OF SHEETS, GENERAL NOTES, AND LIST OF STANDARD DRAWINGS
1B	CONVENTIONAL SYMBOLS
2A-1	PAVEMENT SCHEDULE AND TYPICAL SECTIONS
3B-1	ROADWAY SUMMARIES : EARTHWORK SUMMARY DRAINAGE SUMMARIES PARCEL INDEX SHEETS
4	PLAN & PROFILE SHEETS
RW-1 THRU RW-4	SURVEY CONTROL, EXISTING CENTERLINES RIGHT OF WAY, EASEMENTS AND PROPERTY TIES
EC-1 THRU EC-5	EROSION CONTROL PLANS
UC-1 THRU UC-4	UTILITY CONSTRUCTION PLANS
UBO-1 THRU UBO-2	UTILITIES BY OTHERS PLANS
X-1	CROSS-SECTION INDEX & SUMMARY
X-2 THRU X-4	CROSS-SECTIONS

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	○ EIP
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	----- WLB
Proposed Wetland Boundary	----- WLB
Existing Endangered Animal Boundary	----- EAB
Existing Endangered Plant Boundary	----- EPB
Existing Historic Property Boundary	----- HPB
Known Contamination Area: Soil	☠ -s- ☠
Potential Contamination Area: Soil	?? -s- ??
Known Contamination Area: Water	☠ -w- ☠
Potential Contamination Area: Water	?? -w- ??
Contaminated Site: Known or Potential	☠ ??

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	○
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	○
Switch	□
RR Abandoned	-----
RR Dismantled	-----

Note: Not to Scale

*S.U.E. = Subsurface Utility Engineering

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 CA 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	-----
Proposed Slope Stakes Fill	-----
Proposed Curb Ramp	-----
Existing Metal Guardrail	-----
Proposed Guardrail	-----
Existing Cable Guiderail	-----
Proposed Cable Guiderail	-----
Equality Symbol	⊕
Pavement Removal	-----

VEGETATION:

Single Tree	○
Single Shrub	○

Hedge	-----
Woods Line	-----
Orchard	-----
Vineyard	-----

EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	-----
Bridge Wing Wall, Head Wall and End Wall	-----
MINOR:	
Head and End Wall	-----
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	□ CB
Paved Ditch Gutter	-----
Storm Sewer Manhole	⊙
Storm Sewer	-----

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

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.*)	-----
U/G Telephone Cable LOS C (S.U.E.*)	-----
U/G Telephone Cable LOS D (S.U.E.*)	-----
U/G Telephone Conduit LOS B (S.U.E.*)	-----
U/G Telephone Conduit LOS C (S.U.E.*)	-----
U/G Telephone Conduit LOS D (S.U.E.*)	-----
U/G Fiber Optics Cable LOS B (S.U.E.*)	-----
U/G Fiber Optics Cable LOS C (S.U.E.*)	-----
U/G Fiber Optics Cable LOS D (S.U.E.*)	-----

WATER:

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

TV:

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

GAS:

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

SANITARY SEWER:

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

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/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.

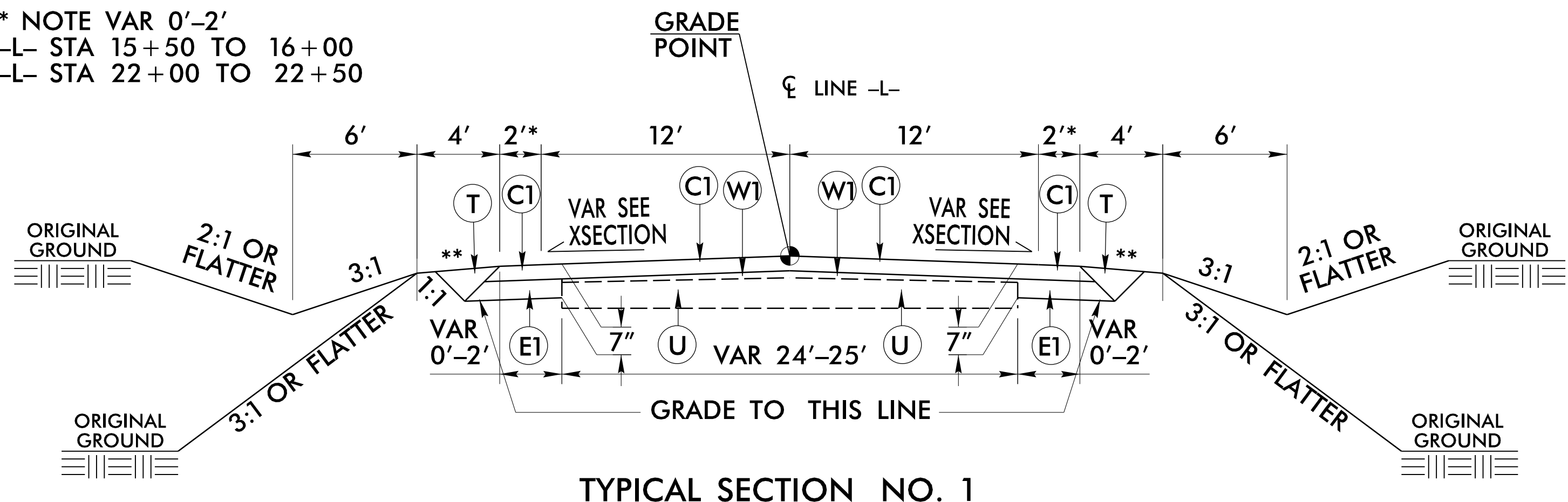
6/2/99

PAVEMENT SCHEDULE

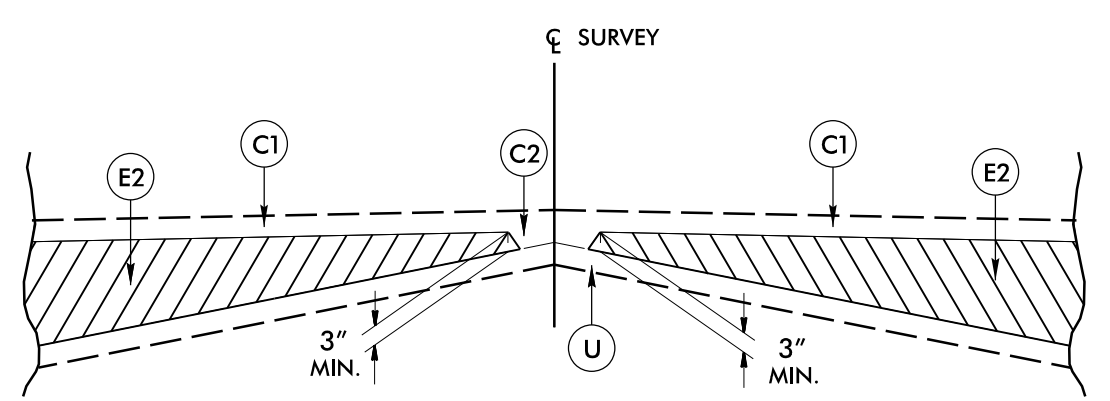
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YARD.	E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YARD.	U	EXISTING PAVEMENT.
C2	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YARD. PER 1" DEPTH TO BE PLACED IN LAYERS NOT TO EXCEED 2" DEPTH.	E2	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YARD PER 1" DEPTH TO BE PLACED IN LAYERS NOT LESS THAN 3" OR GREATER THAN 5.5" IN DEPTH.	W1	VARIABLE DEPTH ASPHALT PAVEMENT (SEE STANDARD WEDGING DETAIL)
		T	EARTH MATERIAL.	NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.	

PROJECT REFERENCE NO. W-5704K	SHEET NO. 2A-1
ROADWAY DESIGN ENGINEER 01/24/2024 NORWOOD A. GAINES III SEAL 040774 NORTH CAROLINA PROFESSIONAL ENGINEER	PAVEMENT DESIGN ENGINEER 01/24/2024 NORWOOD A. GAINES III SEAL 040774 NORTH CAROLINA PROFESSIONAL ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

* NOTE VAR 0'-2'
-L- STA 15+50 TO 16+00
-L- STA 22+00 TO 22+50



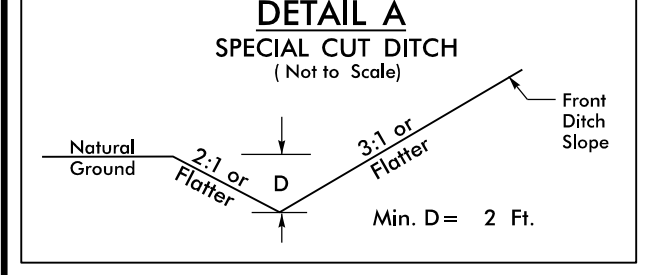
USE TYPICAL SECTION NO. 1
-L- STA 15+50 TO -L- STA 22+50
** SEE ROADWAY STANDARD DRAWING 560.01
USE INCIDENTAL MILLING
-L- 15+50 TO 17+00
-L- 21+00 TO 22+50



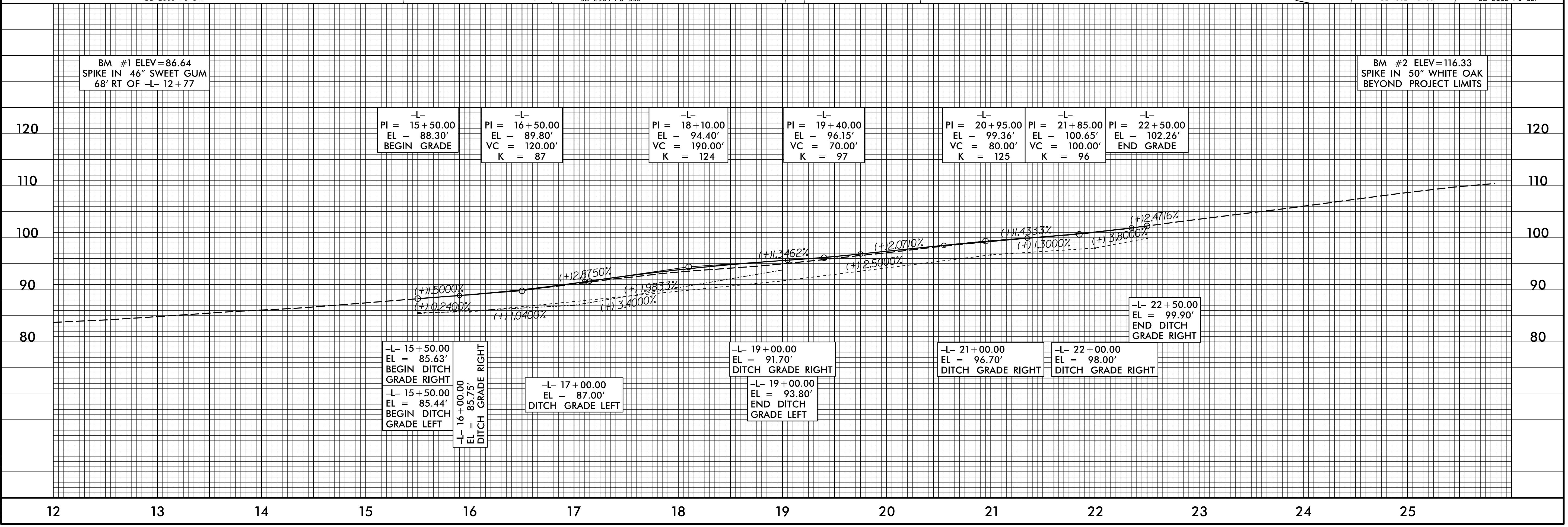
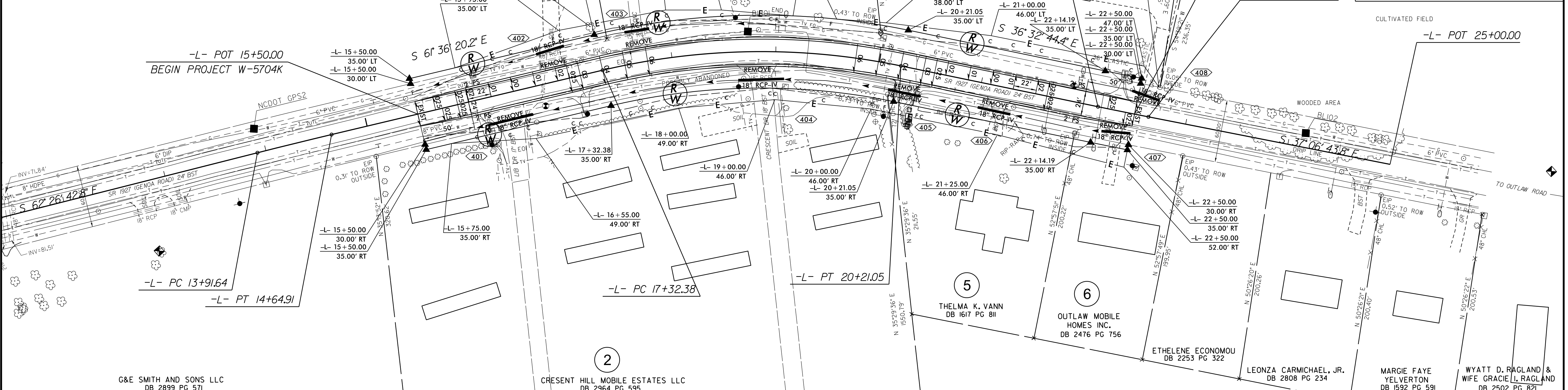
DETAIL SHOWING METHOD OF WEDGING (W1)

24-JAN-2024 15:01
R:\Roadway\Projects\W-5704K-ddc4_TYP.dgn
Division 4 DDC

PI Sta 14+28.28 Δ = 0° 50' 22.6" (RT) D = 1'08" 45.3" L = 73.27' T = 36.64' R = 5,000.00'
 PI Sta 18+79.06 Δ = 25° 03' 35.8" (RT) D = 8' 40" 52.2" L = 288.67' T = 146.68' R = 660.00' SUPER = 06
 PI Sta 22+38.91 Δ = 0° 33' 59.3" (LT) D = 1'08" 45.3" L = 49.44' T = 24.72' R = 5,000.00'



-L- STA 15+50 TO 19+00 LT
 -L- STA 15+50 TO 22+00 RT



REVISIONS
 ROW REVISION 10-26-2021 - TCE POINT (-L- 22+68.30' LT) ADDED TO PARCEL 4

24-JAN-2024 15:02
 R:\Roadway\Projects\W-5704K-DDC4_PSH04.dgn
 Division 4.DWG

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5704K	RW01	07

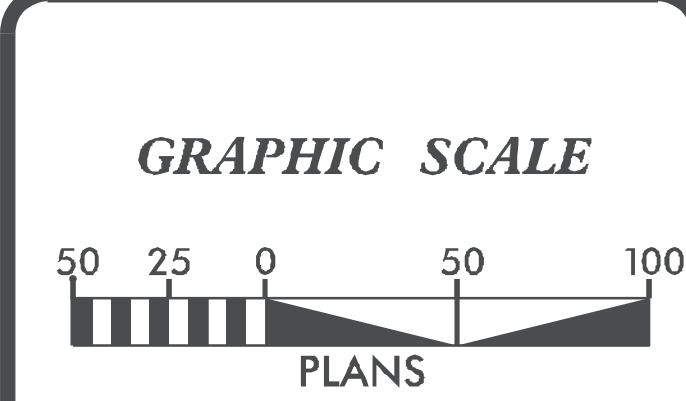
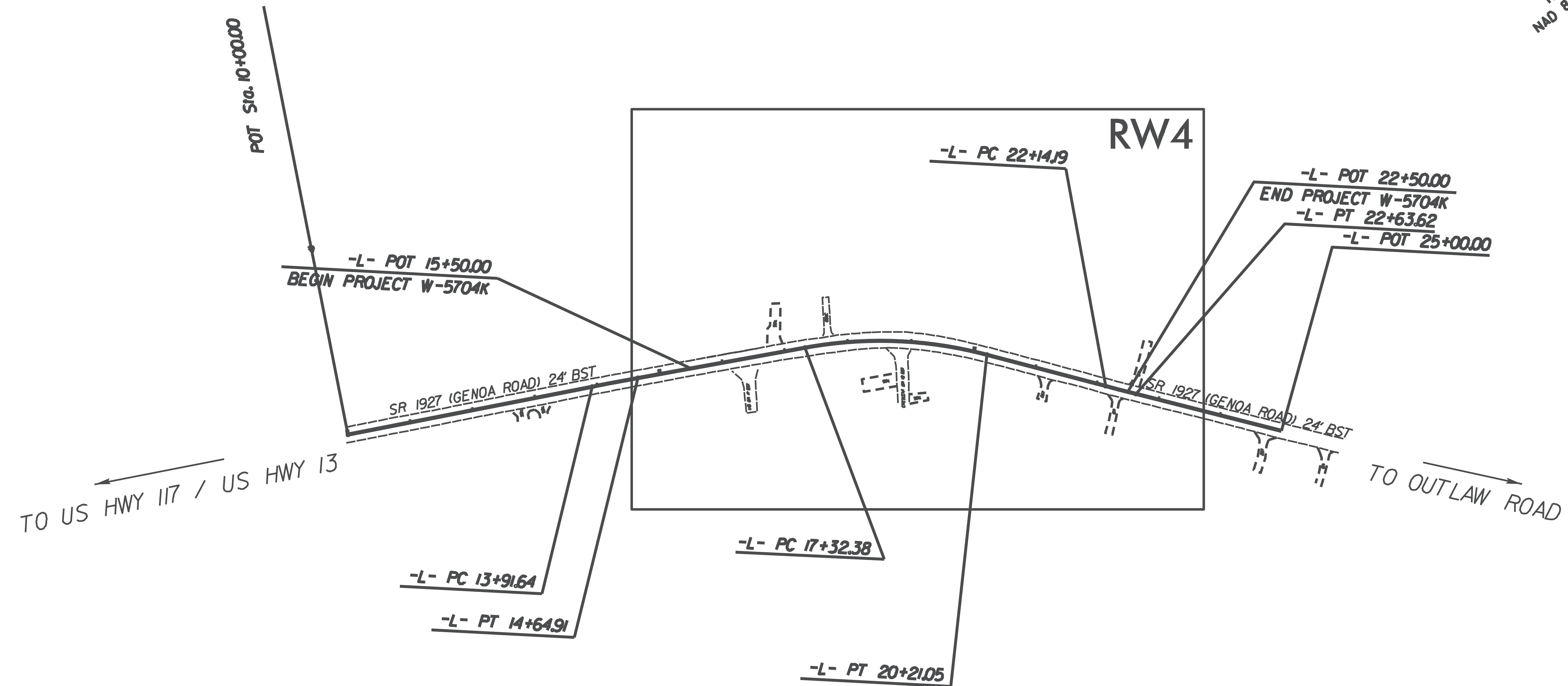
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SURVEY CONTROL, EXISTING CENTERLINES,
RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

WAYNE COUNTY



TIP PROJECT: W-5704K



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "W5704K-2"

WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 574493.445(ft) EASTING: 2291429.247(ft)
ELEVATION: 83.20(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99987491123

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "W5704K-2" TO -L- STATION 10+00 IS
N 65°48'28.33" W 394.69(ft)

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:

LOCATION & SURVEYS
509 WARD BLVD
WILSON, NC 27893

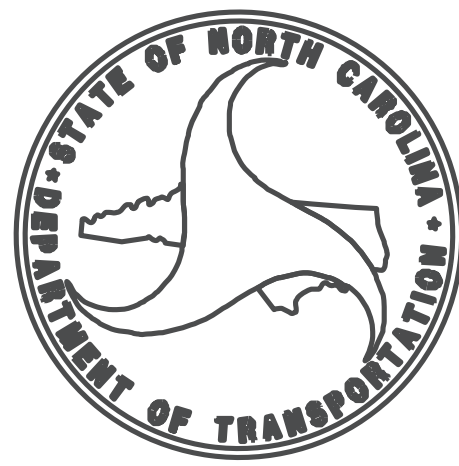
2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: 09/01/2020	LETTING DATE: 11/18/2020
----------------------------------	-----------------------------

PROFESSIONAL LAND SURVEYOR

G.P. Woodard 2/12/2020

SIGNATURE: _____ Date: _____



\$\$\$\$\$SYTIME\$\$\$\$\$DGN\$\$\$\$\$USERNAME\$\$\$\$\$

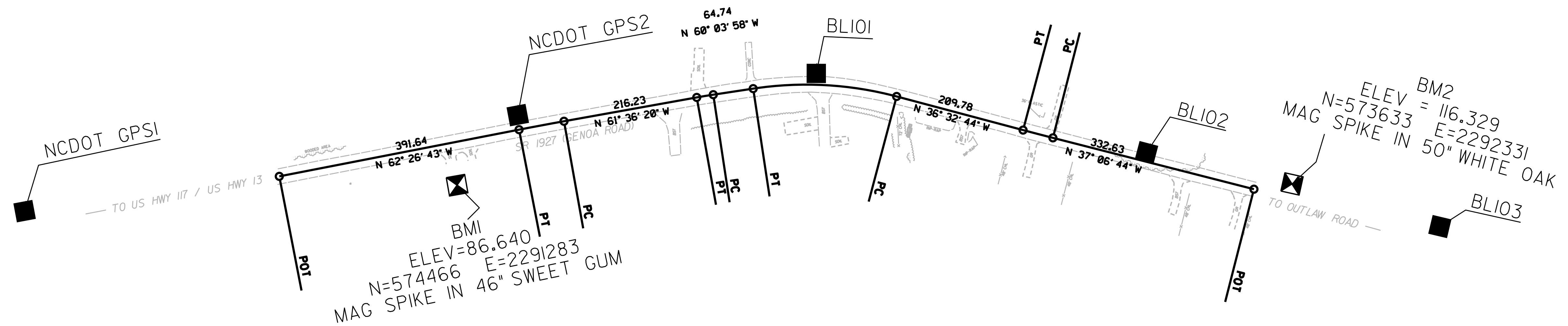
6/2/09

PROJECT REFERENCE NO.	SHEET NO.
W5704K	RWO2C-1
Location and Surveys	
SO-DEEP SAM NC	

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

W5704K (SR 1927)



REVISIONS

26-FEB-2019 12:47
 \\saming\RAL\FPROJECTS\1318046935\04\Deliver\Final\W5704K_1s-r-w02c-1.dgn
 Jason.Hedley AT RAL-L-GDC02G2

NOTES:

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

6/2/99

REVISIONS

26-FEB-2019 14:44
\\saminc\RAL\PROJECTS\1318046935\04\Deliver\Final\W5704K_1s-r-w02c-2.dgn
Jason.Hedley AT RAL-L-GDC02G2

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
W5704K	RWO2C-2
Location and Surveys	
SO-DEEPI SAM NC	

BL	POINT	DESC	NORTH	EAST	ELEVATION
1		U5704K1	574866.069	2290715.093	82.870
2		U5704K2	574493.445	2291429.247	83.200
101		BL101	574247.331	2291845.071	95.453
102		BL102	573817.904	2292179.716	105.628
103		BL103	573432.192	2292473.714	116.598

```

*****
BMI ELEVATION = 86.640
N 574466 E 2291283
MAG SPIKE IN 46" SWEET GUM
*****
BM2 ELEVATION = 116.329
N 573633 E 2292331
MAG SPIKE IN 50" WHITE OAK
*****

```

NOTES:

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

6/2/09

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. W5704K	SHEET NO. RWO2C-3
Location and Surveys	
SO-DEEPI SAM NC	

REVISIONS

EL		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	POINT	573664.872	2292278.152							
LINE				N 37°06'43.8" W	332.63					
PC		573930.129	2292077.451							
CURVE				N 36°49'44.1" W	49.43	00°33'59.3"(RT)	01°08'45.3"	49.44	24.72	5000.00
PT		573969.698	2292047.818							
LINE				N 36°32'44.4" W	209.78					
PC		574138.230	2291922.903							
CURVE				N 48°18'21.1" W	230.31	23°31'13.4"(LT)	10°08'27.0"	231.94	117.63	565.00
PT		574291.423	2291750.928							
LINE				N 60°03'57.8" W	64.74					
PC		574323.727	2291694.826							
CURVE				N 60°50'09.0" W	26.87	01°32'22.4"(LT)	05°43'46.5"	26.87	13.44	1000.00
PT		574336.821	2291671.363							
LINE				N 61°36'20.2" W	216.23					
PC		574439.648	2291481.143							
CURVE				N 62°01'31.5" W	73.27	00°50'22.6"(LT)	01°08'45.3"	73.27	36.64	5000.00
PT		574474.017	2291416.436							
LINE				N 62°26'42.8" W	391.64					
POT		574655.189	2291069.219							

NOTES:

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

26-FEB-2019 15:58
 \\saminc\RAL\PROJECTS\1318046935\04\Deliver\Final\W5704K_1s_r_w02c-3.dgn
 Jason.Hedley AT RAL-L-GDC02G2

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. W5704K	SHEET NO. RW02D-1
Location and Surveys	
NCDOT LOCATION & SURVEYS DIV 4 509 WARD BLVD WILSON, NC	

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	574655.1887	2291069.2186
PC	13+91.64	574474.0167	2291416.4359
PT	14+64.91	574439.6480	2291481.1433
PC	17+32.38	574312.4577	2291716.4321
PT	20+21.05	574124.8647	2291932.8094
PC	22+14.19	573969.6984	2292047.8180
PT	22+63.62	573930.1293	2292077.4506
POT	25+96.25	573664.8717	2292278.1519

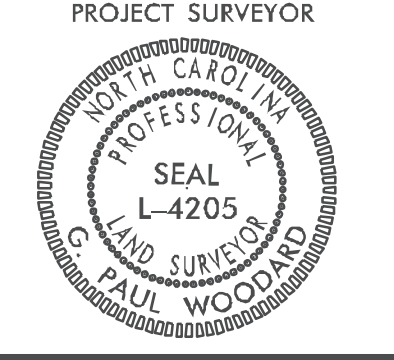
NOTES:

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

 C:\T\J\6666\DRAWINGS\PLAN\6666.DWG
 6/2/09 10:00 AM

6/2/19

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO. W5704K	SHEET NO. RW03E-1
Location and Surveys	
NCDOT LOCATION & SURVEYS DIV 4 509 WARD BLVD WILSON, NC	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	15+50.00	-30.00	574425.5756	2291570.2622
L	15+50.00	-35.00	574429.9741	2291572.6399
L	15+50.00	35.00	574368.3954	2291539.3522
L	15+50.00	30.00	574372.7939	2291541.7299
L	17+32.38	-35.00	574343.2470	2291733.0759
L	17+32.38	35.00	574281.6683	2291699.7882
L	20+21.05	-35.00	574145.7059	2291960.9278
L	20+21.05	35.00	574104.0235	2291904.6910
L	22+14.19	-35.00	573990.5396	2292075.9364
L	22+14.19	35.00	573948.8572	2292019.6996
L	22+50.00	-35.00	573962.0463	2292097.2140
L	22+50.00	-30.00	573959.0403	2292093.2185
L	22+50.00	30.00	573922.9681	2292045.2727
L	22+50.00	35.00	573919.9621	2292041.2772

I, Aaron J. Perkinson, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 30th day of January, 2020.

A.P. Woodard

Professional Land Surveyor

L-4205
PLS

Seal

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

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

6/2/19

6/27/09

I, GARY P. WOODARD, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work items (Base map Completion, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 5TH day of February, 2010.

G.P. Woodard

Professional Land Surveyor L-4205 PLS Seal

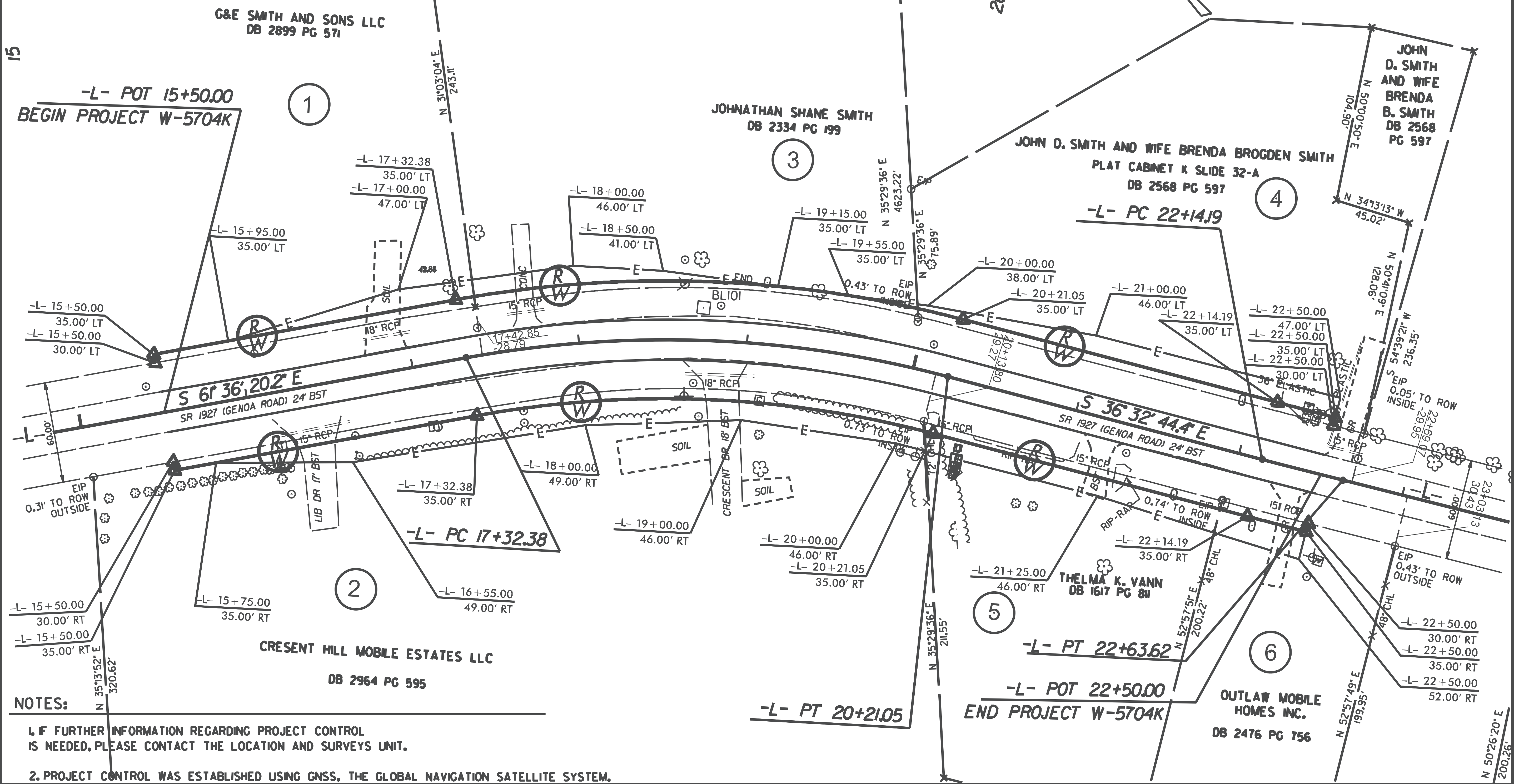
G&E SMITH AND SONS LLC DB 2899 PG 571

PI Sta 14+28.28
Δ = 0° 50' 22.6" (RT)
D = 1° 08' 45.3"
L = 73.27'
T = 36.64'
R = 5,000.00'

PI Sta 18+79.06
Δ = 25° 03' 35.8" (RT)
D = 8° 40' 52.2"
L = 288.67'
T = 146.68'
R = 660.00'
SUPER = 06

PI Sta 22+38.91
Δ = 0° 33' 59.3" (LT)
D = 1° 08' 45.3"
L = 49.44'
T = 24.72'
R = 5,000.00'

PROJECT REFERENCE NO. W5704K	SHEET NO. RW04
Location and Surveys NCDOT LOCATION & SURVEYS 509 WARD BLVD WILSON, NC	
PROJECT SURVEYOR GARY P. WOODARD L-4205 PROF. LAND SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



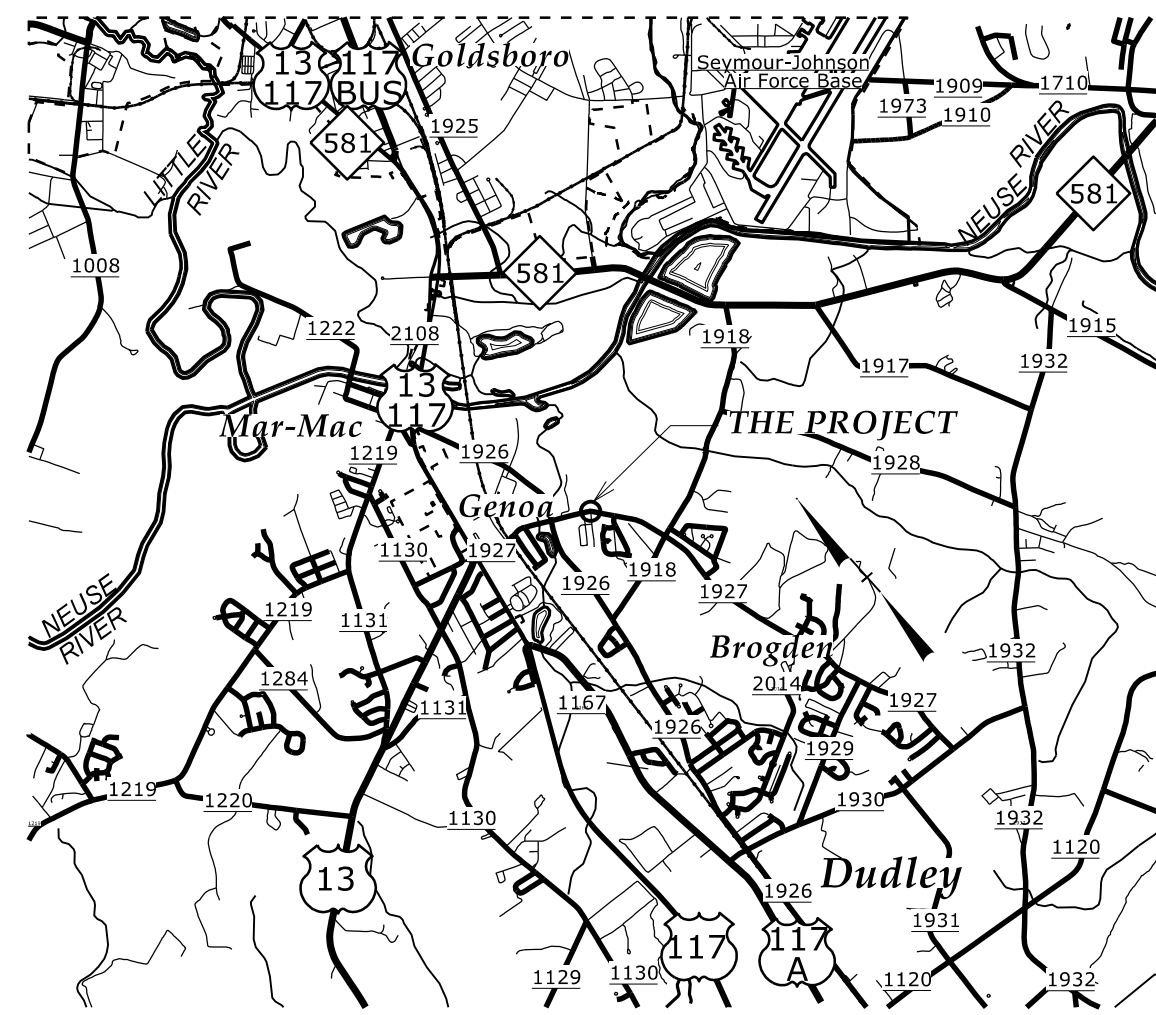
NOTES:

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

REVISIONS

6/27/09

TIP PROJECT: W-5704K



VICINITY MAP
NOT TO SCALE

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL**

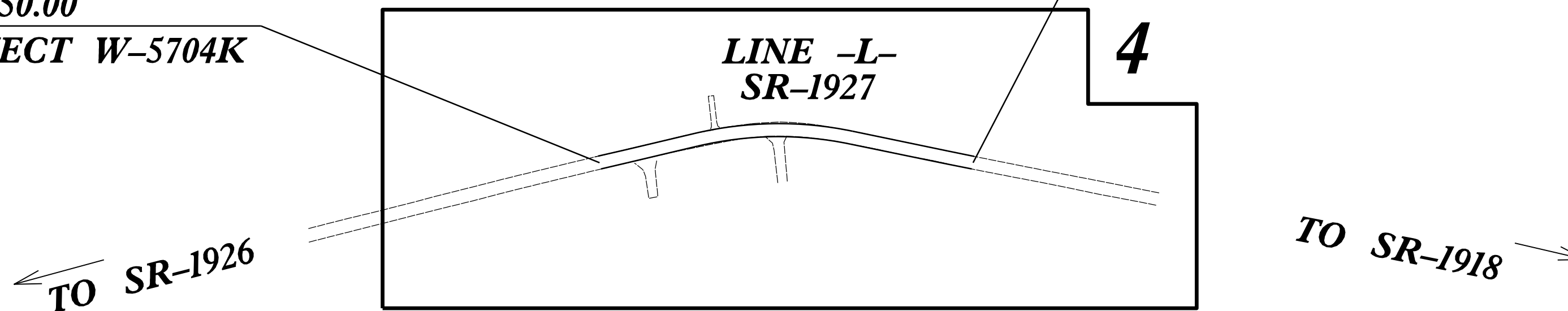
WAYNE COUNTY

LOCATION: SR-1927 (GENOA ROAD) AT CRESCENT DRIVE NEAR GENOA.
TYPE OF WORK: GRADING, DRAINAGE AND PAVING

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5704K	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

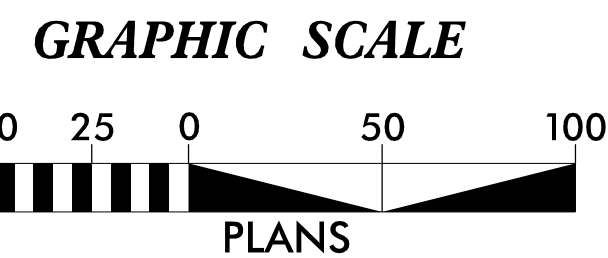
-L- POT 15+50.00
BEGIN PROJECT W-5704K

-L- POT 22+50.00
END PROJECT W-5704K



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

THIS PROJECT HAS BEEN DESIGNED TO SENSITIVE WATERSHED STANDARDS.



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.

Prepared in the Office of:
ROADSIDE ENVIRONMENTAL UNIT
1 South Wilmington St.
Raleigh, NC 27611
2024 STANDARD SPECIFICATIONS

Designed by:
Wes Chandler 3374
NAME LEVEL III CERTIFICATION NO.

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.

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

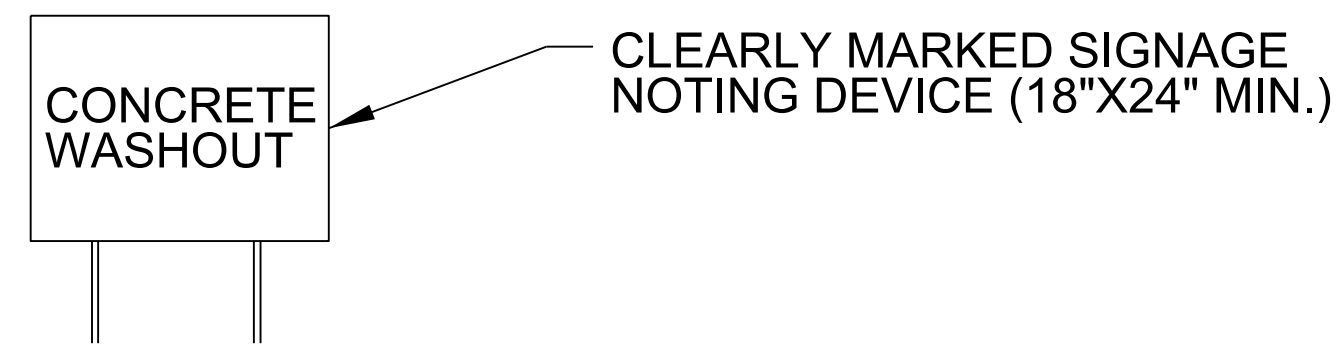
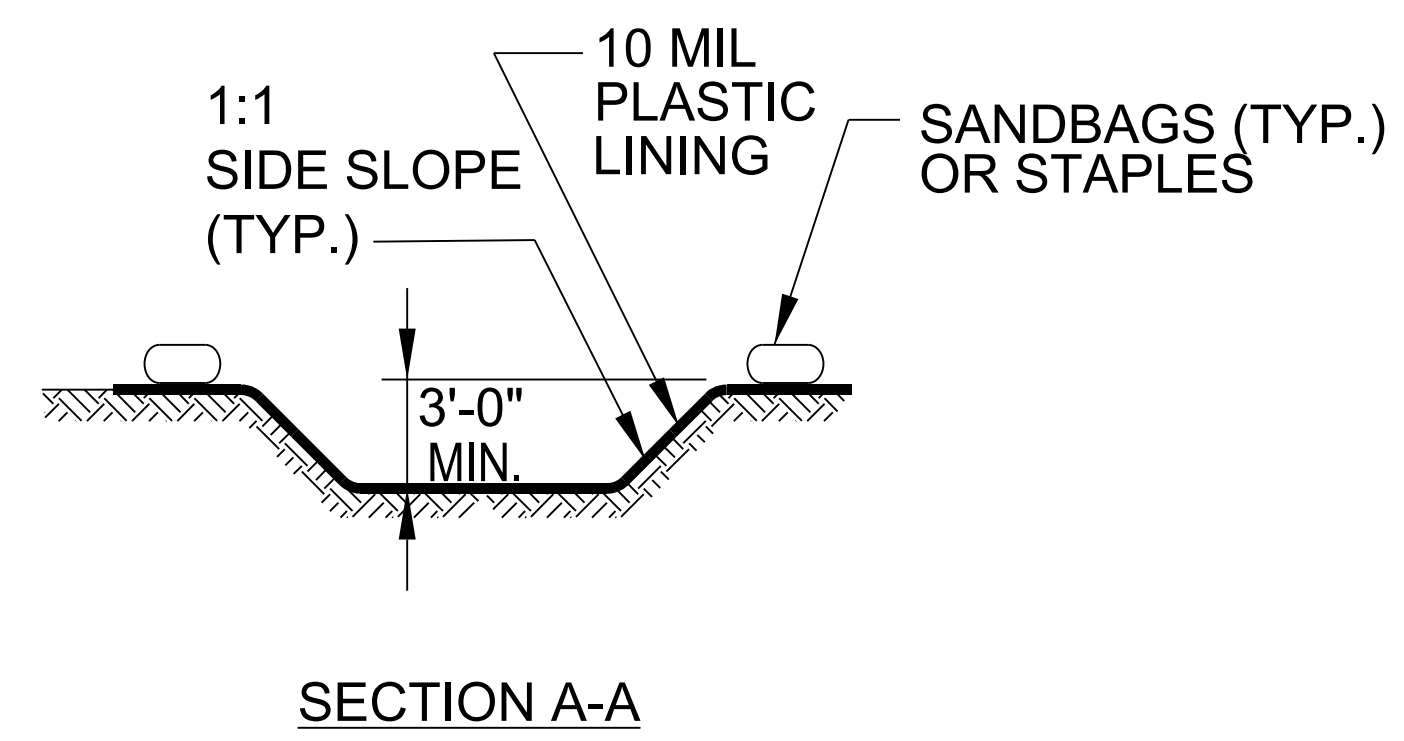
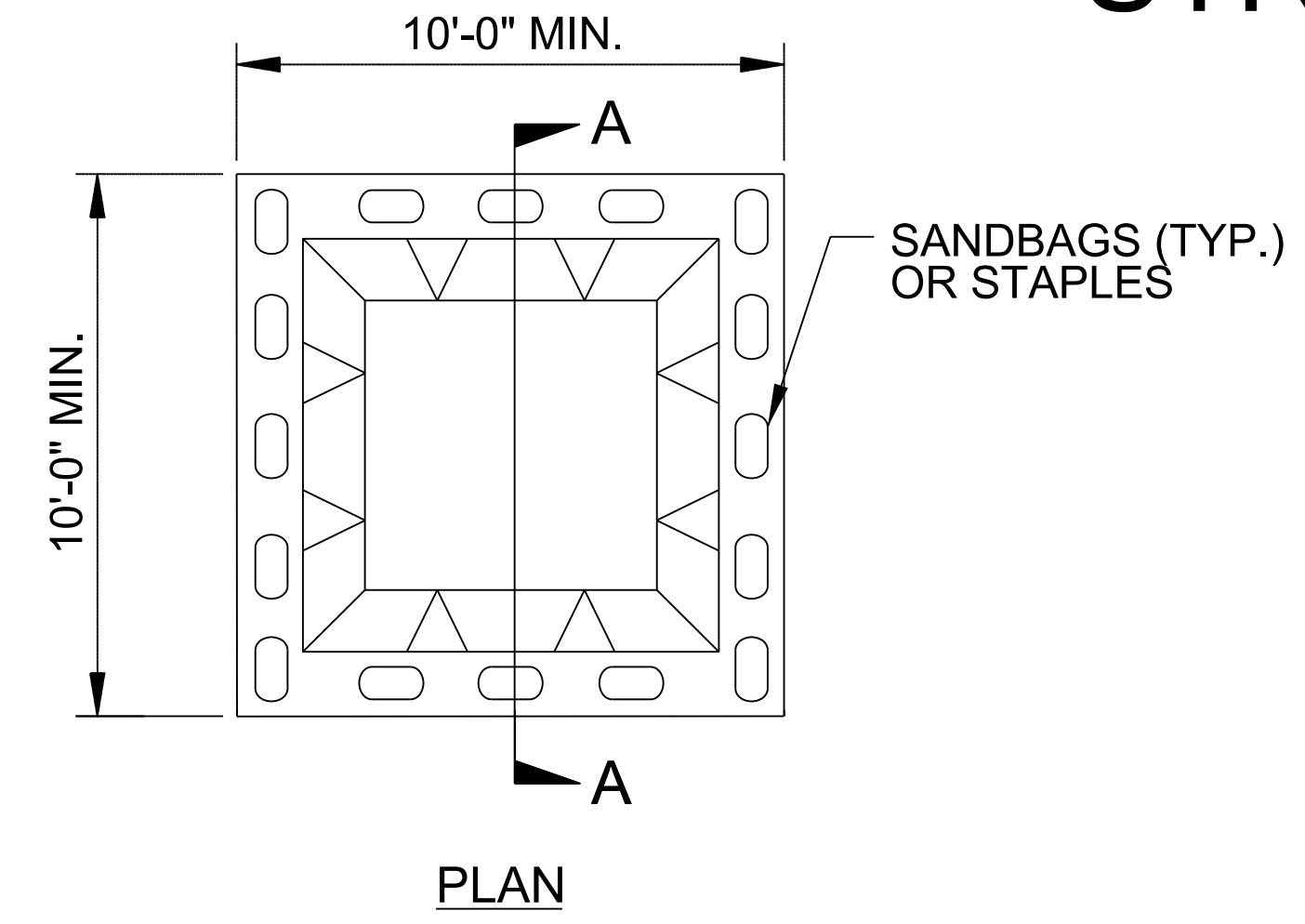
PROJECT REFERENCE NO. W-5704K	SHEET NO. EC-02
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

EROSION & SEDIMENT CONTROL LEGEND

Std. #	Description	Symbol	Std. #	Description	Symbol
1605.01	Temporary Silt Fence		1633.01	Temporary Rock Silt Check Type A	
1606.01	Special Sediment Control Fence		1633.02	Temporary Rock Silt Check Type B	
1622.01	Temporary Berms and Slope Drains		1633.03	Temporary Rock Silt Check Type A with Excelsior Matting and Flocculant	
1630.02	Silt Basin Type B		1634.01	Temporary Rock Sediment Dam Type A	
1630.03	Temporary Silt Ditch		1634.02	Temporary Rock Sediment Dam Type B	
1630.04	Stilling Basin		1635.01	Rock Pipe Inlet Sediment Trap Type A	
1630.05	Temporary Diversion		1635.02	Rock Pipe Inlet Sediment Trap Type B	
1630.06	Special Stilling Basin		1636.01	Excelsior Wattle Check	
1630.07	Skimmer Basin		1636.01	Excelsior Wattle Check with Flocculant	
1630.08	Tiered Skimmer Basin		1636.01	Coir Fiber Wattle Check	
1630.09	Earthen Dam with Skimmer		1636.01	Coir Fiber Wattle Check with Flocculant	
	Infiltration Basin		1636.02	Silt Fence Excelsior Wattle Break	
	Rock Inlet Sediment Trap:			Silt Fence Coir Fiber Wattle Break	
1632.01	Type A		1636.03	Excelsior Wattle Barrier	
1632.02	Type B		1636.03	Coir Fiber Wattle Barrier	
1632.03	Type C				

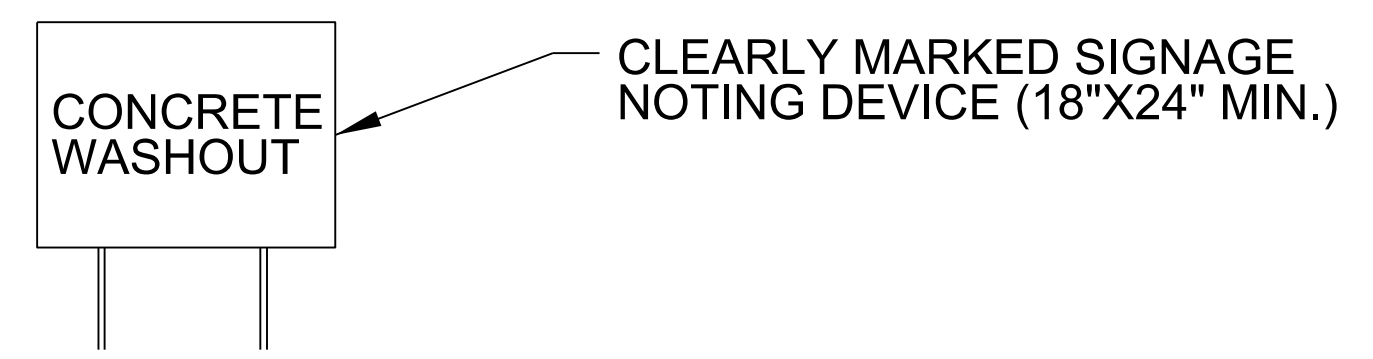
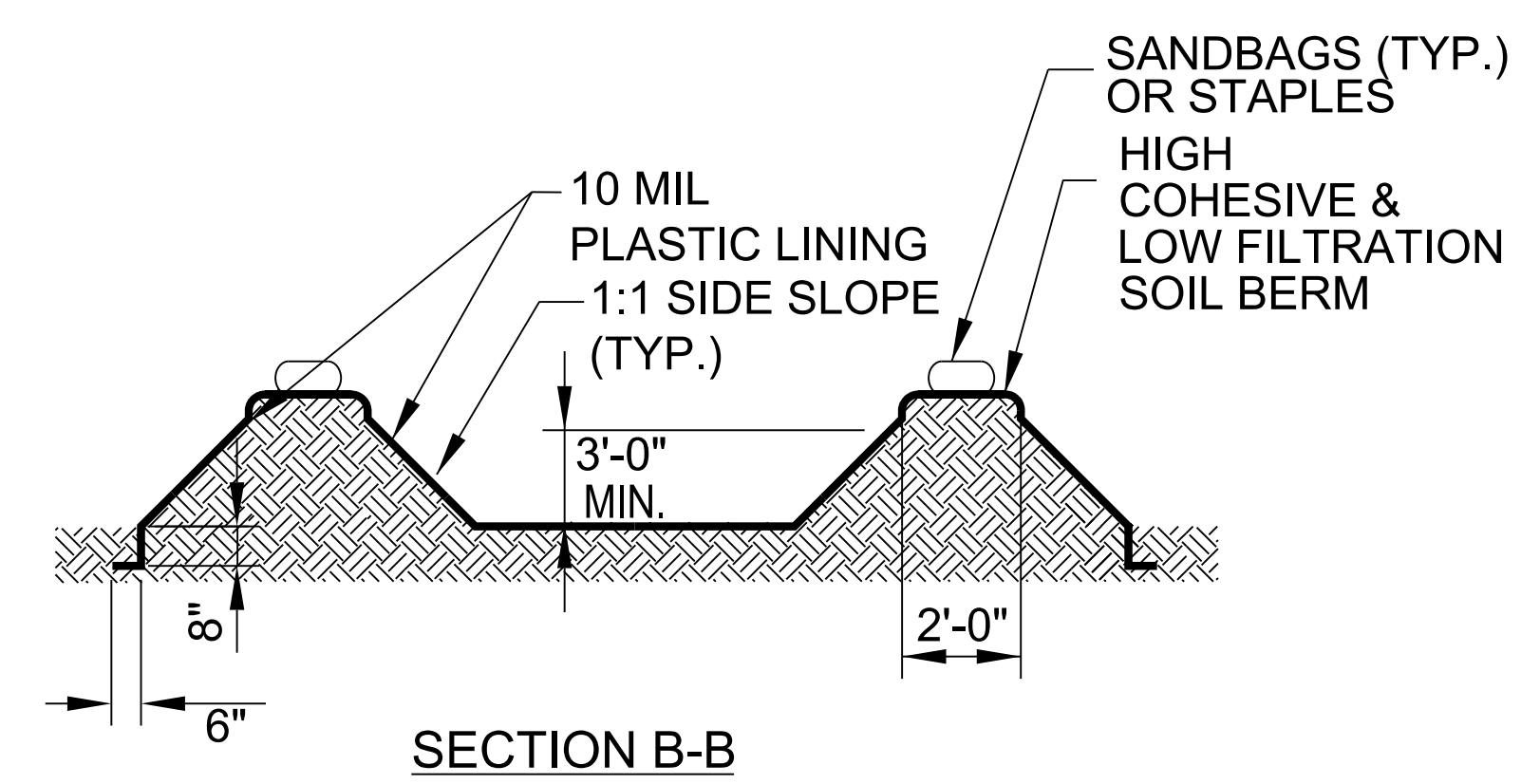
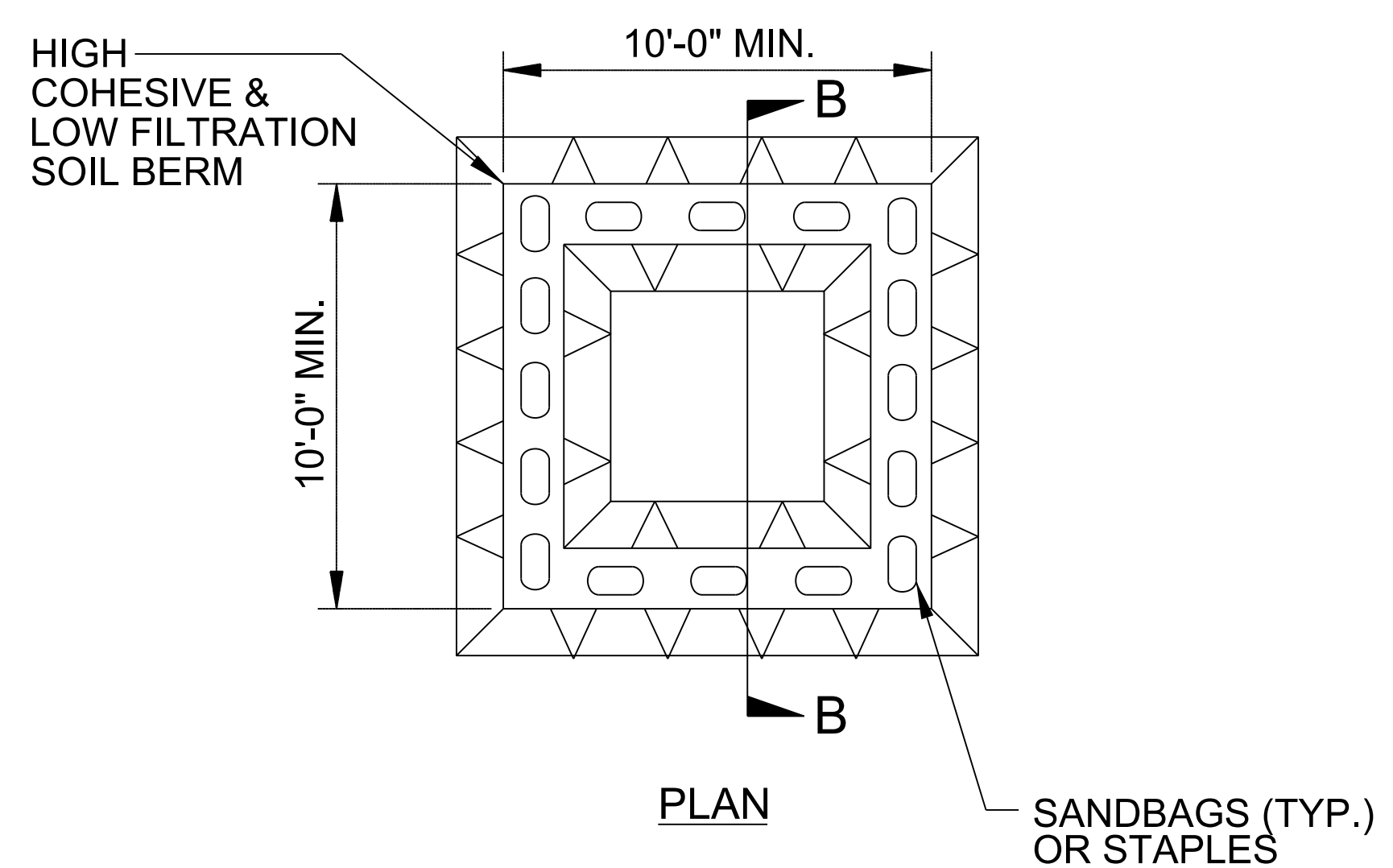
PROJECT REFERENCE NO.	SHEET NO.
W-5704K	EC-2A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



BELOW GRADE WASHOUT STRUCTURE
NOT TO SCALE

- 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 CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.



ABOVE GRADE WASHOUT STRUCTURE
NOT TO SCALE

- 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 CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

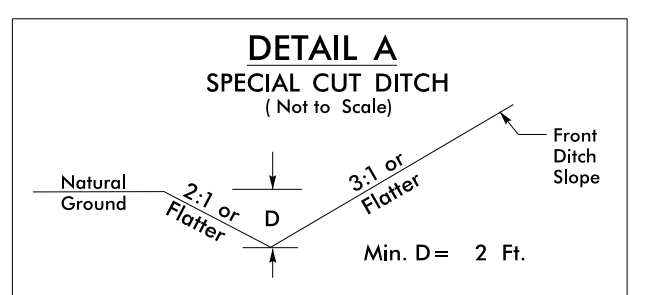
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO. <i>W-5704K</i>	SHEET NO. <i>EC-3A</i>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SOIL STABILIZATION TIMEFRAMES

<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) 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 TO 4:1	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH WITH SLOPES STEEPER THAN 4:1. 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 4

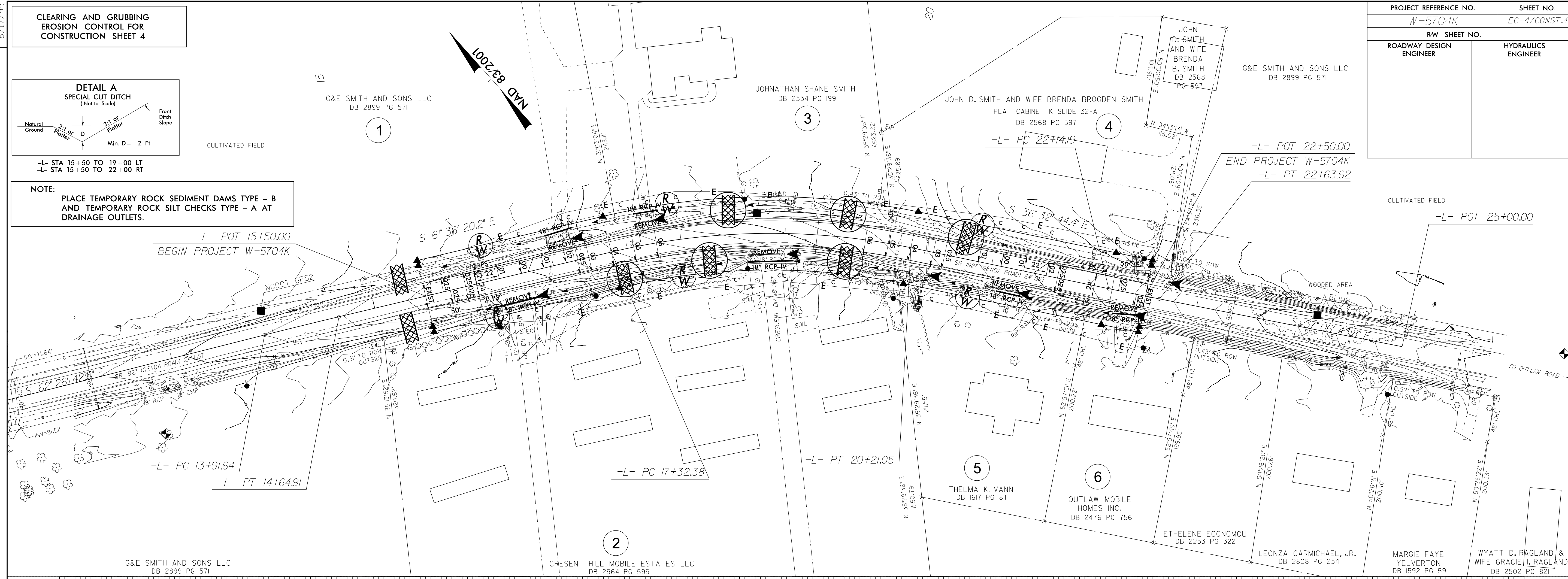


-L- STA 15+50 TO 19+00 LT
-L- STA 15+50 TO 22+00 RT

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

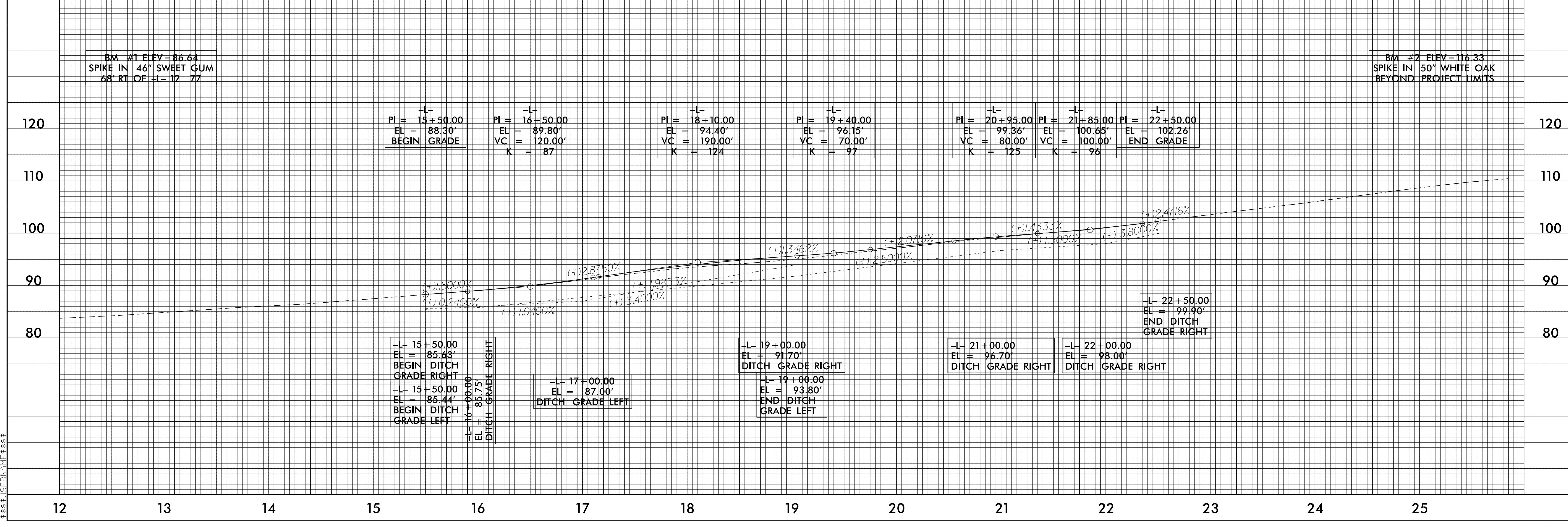
8/17/99

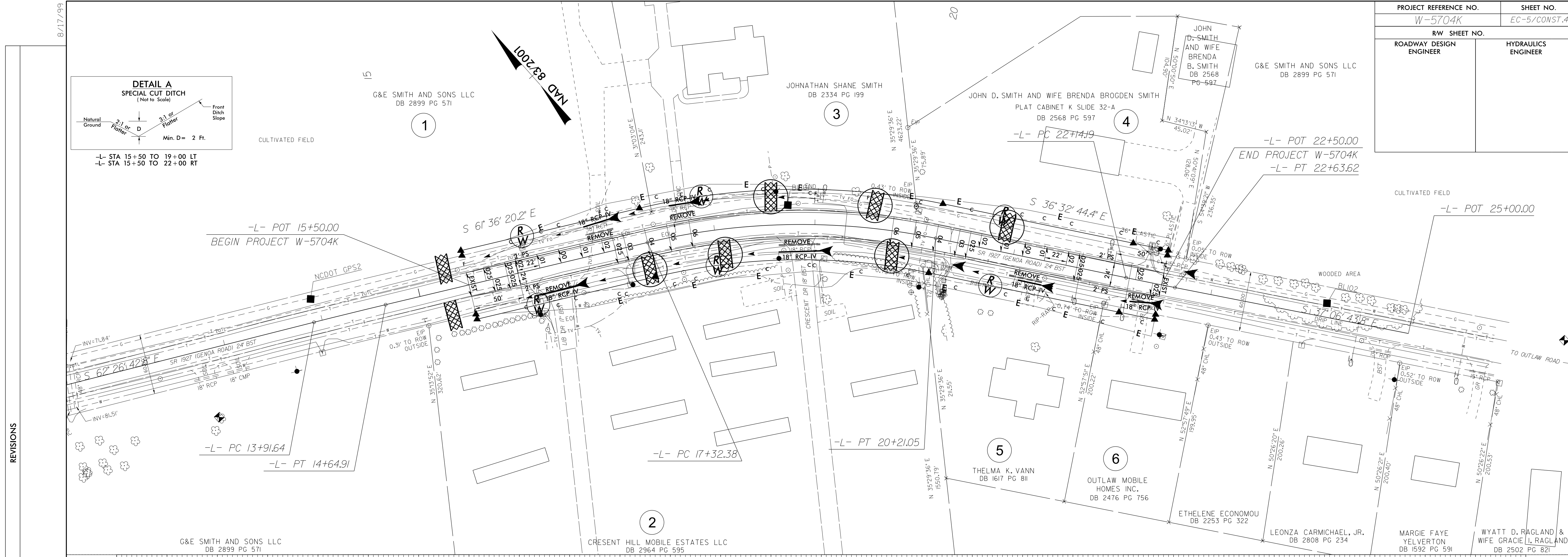
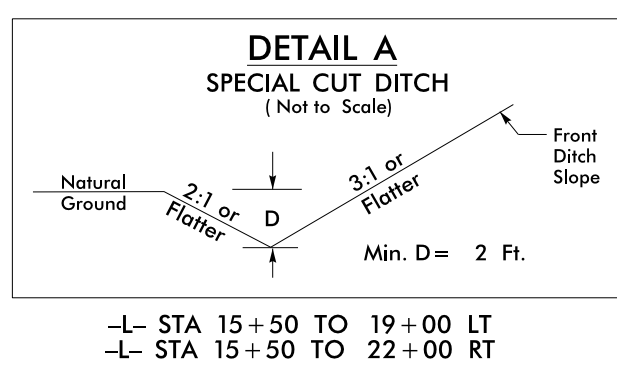
REVISIONS



BM #1 ELEV=86.64
SPIKE IN 46" SWEET GUM
68' RT OF -L- 12+77

BM #2 ELEV=116.33
SPIKE IN 50" WHITE OAK
BEYOND PROJECT LIMITS

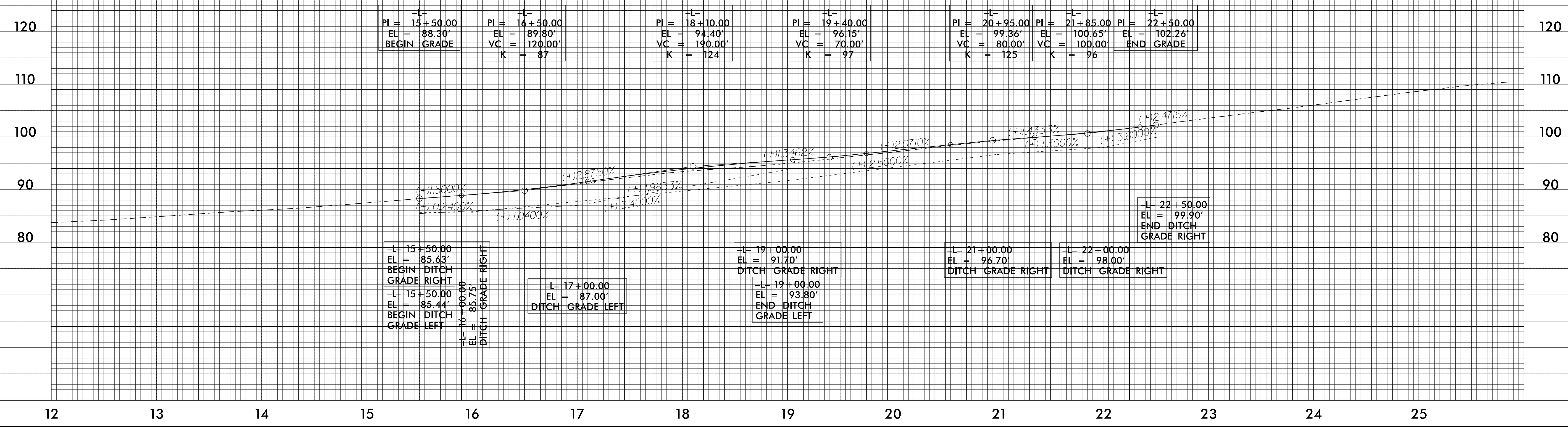




REVISIONS

BM #1 ELEV=86.64
SPIKE IN 46" SWEET GUM
68' RT OF -L- 12+77

BM #2 ELEV=116.33
SPIKE IN 50" WHITE OAK
BEYOND PROJECT LIMITS



-L- 15+50.00
EL = 85.63'
BEGIN DITCH
GRADE RIGHT
-L- 15+50.00
EL = 85.44'
BEGIN DITCH
GRADE LEFT
-L- 16+00.00
EL = 85.75'
DITCH GRADE RIGHT

-L- 17+00.00
EL = 87.00'
DITCH GRADE LEFT

-L- 19+00.00
EL = 91.70'
DITCH GRADE RIGHT
-L- 19+00.00
EL = 93.80'
END DITCH
GRADE LEFT

-L- 21+00.00
EL = 96.70'
DITCH GRADE RIGHT

-L- 22+00.00
EL = 98.00'
DITCH GRADE RIGHT

-L- 22+50.00
EL = 99.90'
END DITCH
GRADE RIGHT

DCC4

T.I.P. NO.	SHEET NO.
W-5704K	UC-1

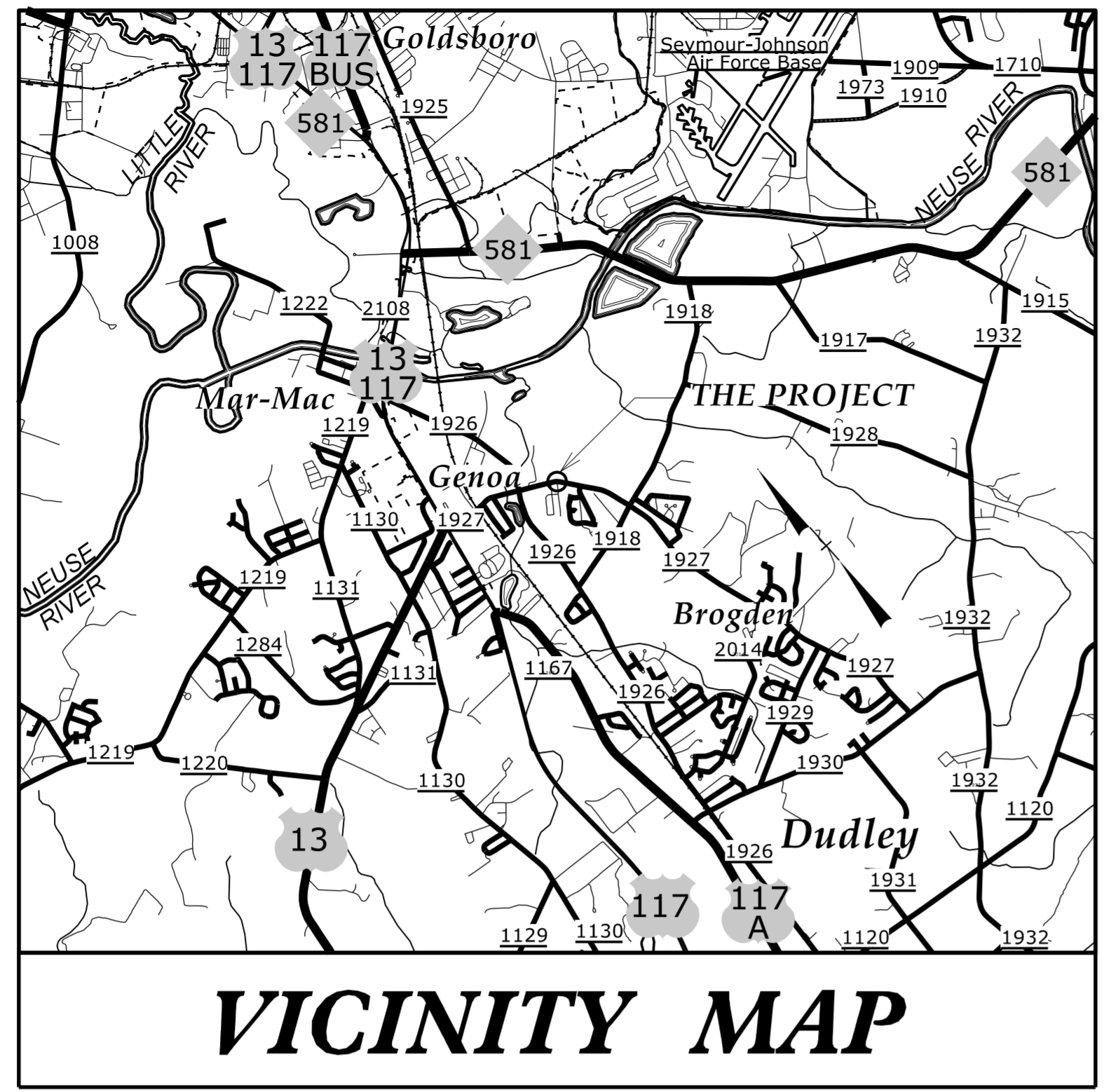
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

UTILITY CONSTRUCTION PLANS
WAYNE COUNTY

LOCATION: SR-1927 (GENOA ROAD) AT CRESCENT DRIVE NEAR GENOA.

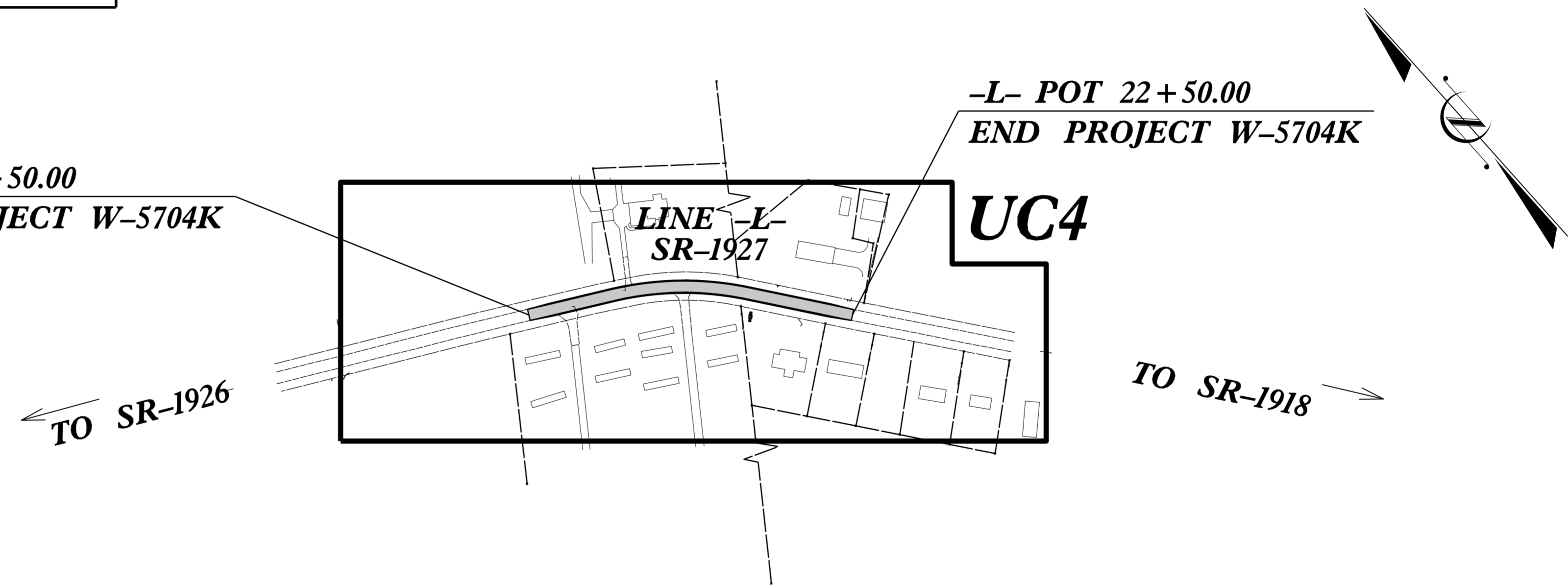
TYPE OF WORK: WATER LINE CONSTRUCTION

TIP PROJECT: W-5704K



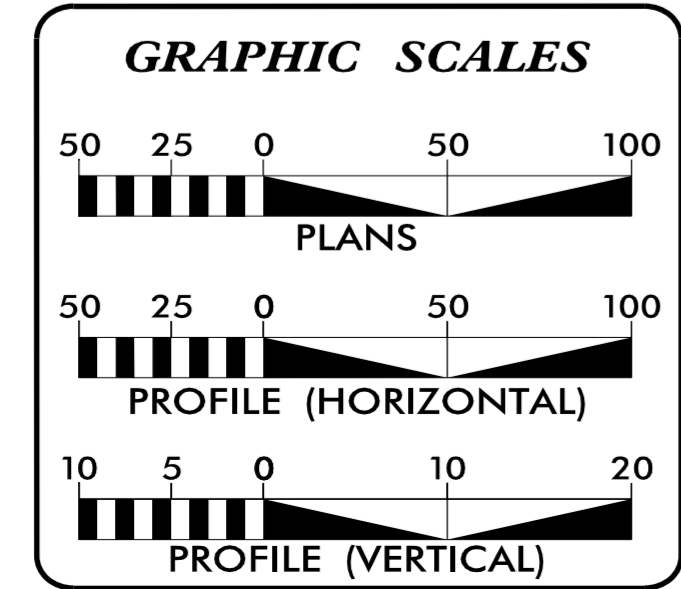
-L- POT 15+50.00
BEGIN PROJECT W-5704K

-L- POT 22+50.00
END PROJECT W-5704K



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

CONTRACT:



INDEX OF SHEETS

SHEET NO.:	DESCRIPTION:
UC-1	TITLE SHEET
UC-2	UTILITY SYMBOLOGY
UC-3	NOTES & DETAILS
UC-4	UTILITY PLAN & PROFILE SHEET

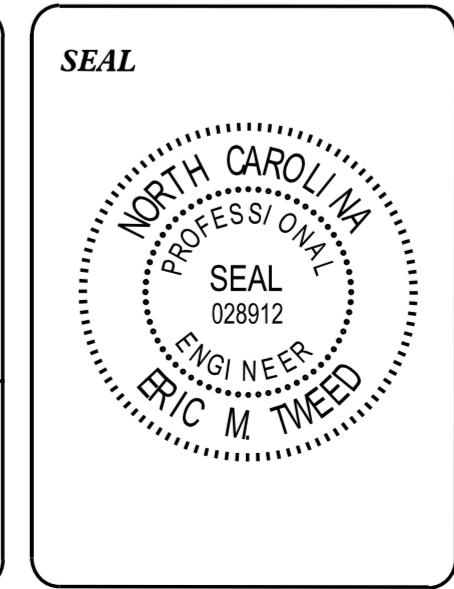
WATER AND SEWER OWNERS ON PROJECT

(A) WATER: WAYNE WATER DISTRICTS
(B) WATER: SOUTHEASTERN WAYNE SANITARY DISTRICT

PREPARED IN THE OFFICE OF
CH ENGINEERING
DIVISION OF PENNONI

5430 WADE PARK BLVD., SUITE 106,
RALEIGH, NC 27607 PHONE: 919.929.1173
FAX: 919.493.6548 NC LICENSE #P-0189

ERIC TWEED, PE UTILITY ENGINEER
BRIAN WILES, PE PROJECT MANAGER



DIVISION OF HIGHWAYS
DIVISION 4

509 WARD BLVD.
WILSON, NC 27895

KYLE PLEASANT DIVISION UTILITY ENGINEER
FRANK ZDELAR DIVISION UTILITY COORDINATOR
ADDISON GAINES, PE DIVISION PROJECT TEAM LEAD
COREY MCLAMB, PE DIVISION CONSTRUCTION ENGINEER

5/2/2023 8:52:11 AM Engineering\UC\proj\W-5704K_ut_ish_UC01_psh.dgn
USER:RWAVE

UTILITIES PLAN SHEET SYMBOLS

PROPOSED WATER SYMBOLS

Water Line (Sized as Shown)	
11 1/4 Degree Bend	
22 1/2 Degree Bend	
45 Degree Bend	
90 Degree Bend	
Plug	
Tee	
Cross	
Reducer	
Gate Valve	
Butterfly Valve	
Tapping Valve	
Line Stop	
Line Stop with Bypass	
Blow Off	
Fire Hydrant	
Relocate Fire Hydrant	
Remove Fire Hydrant	
Water Meter	
Relocate Water Meter	
Remove Water Meter	
Water Pump Station	
RPZ Backflow Preventer	
DCV Backflow Preventer	
Relocate RPZ Backflow Preventer	
Relocate DCV Backflow Preventer	

PROPOSED SEWER SYMBOLS

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

PROPOSED MISCELLANEOUS UTILITIES SYMBOLS

Power Pole	
Telephone Pole	
Joint Use Pole	
Telephone Pedestal	
Utility Line by Others (Type as Shown)	
Trenchless Installation	
Encasement by Open Cut	
Encasement	

Thrust Block	
Air Release Valve	
Utility Vault	
Concrete Pier	
Steel Pier	
Plan Note	
Pay Item Note	


NOTE
PAY ITEM

EXISTING UTILITIES SYMBOLS

Power Pole		*Underground Power Line	
Telephone Pole		*Underground Telephone Cable	
Joint Use Pole		*Underground Telephone Conduit	
Utility Pole		*Underground Fiber Optics Telephone Cable	
Utility Pole with Base		*Underground TV Cable	
H-Frame Pole		*Underground Fiber Optics TV Cable	
Power Transmission Line Tower		*Underground Gas Pipeline	
Water Manhole		Aboveground Gas Pipeline	
Power Manhole		*Underground Water Line	
Telephone Manhole		Aboveground Water Line	
Sanitary Sewer Manhole		*Underground Gravity Sanitary Sewer Line	
Hand Hole for Cable		Aboveground Gravity Sanitary Sewer Line	
Power Transformer		*Underground SS Forced Main Line	
Telephone Pedestal		Underground Unknown Utility Line	
CATV Pedestal		SUE Test Hole	
Gas Valve		Water Meter	
Gas Meter		Water Valve	
Located Miscellaneous Utility Object		Fire Hydrant	
Abandoned According to Utility Records		Sanitary Sewer Cleanout	
End of Information			

*For Existing Utilities
 Utility Line Drawn from Record (Type as Shown) _____
 Designated Utility Line (Type as Shown) _____

UTILITY CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
W-5704K	UC-3
DESIGNED BY: EMT	
DRAWN BY: EMT	
CHECKED BY: BAW	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	

GENERAL NOTES:

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

2. THE EXISTING UTILITIES BELONG TO WAYNE WATER DISTRICTS (RIGHT) & SOUTHEASTERN WAYNE SANITARY DISTRICT (LEFT).

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

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

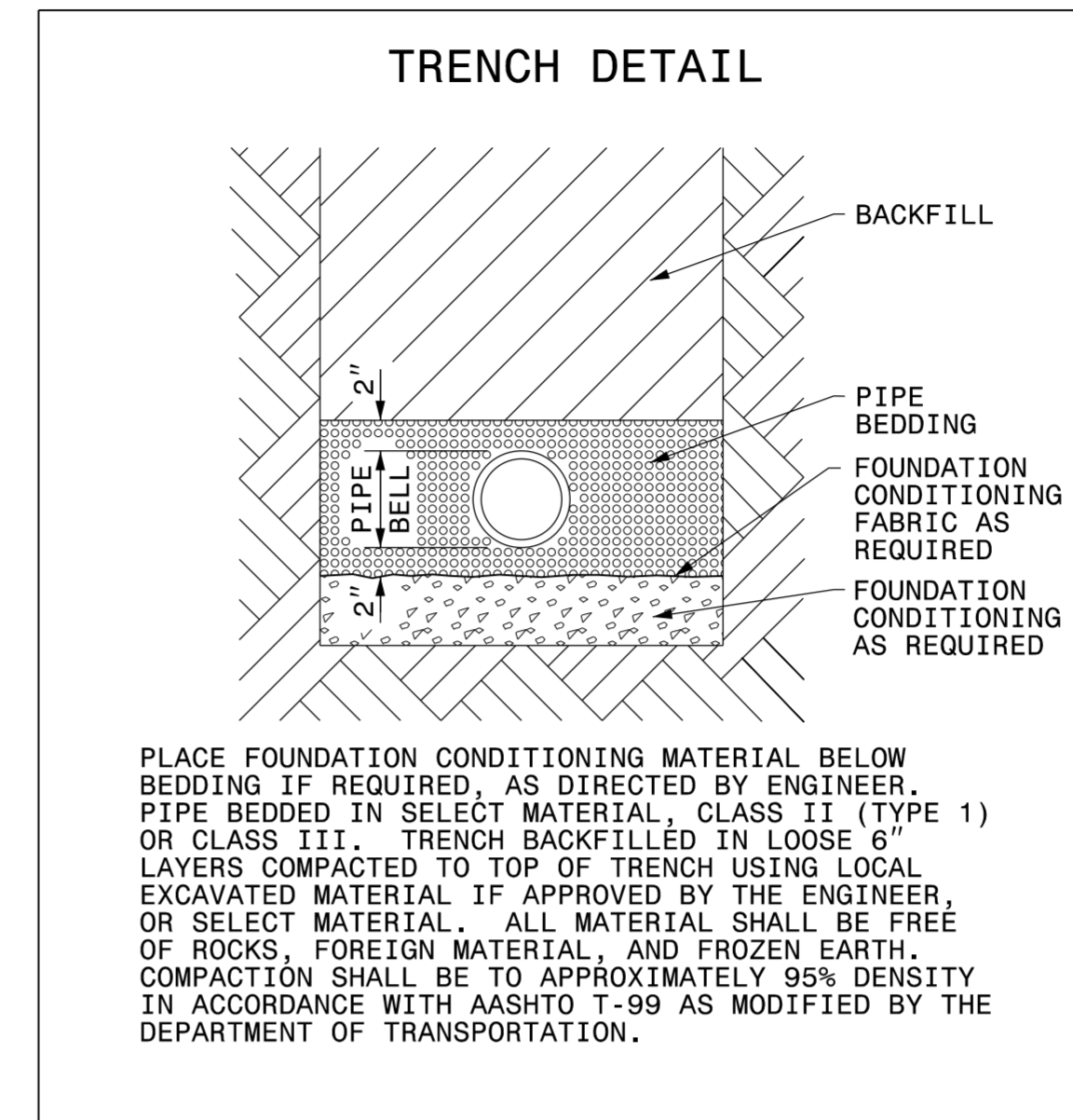
5. PROVIDE ACCESS FOR THE DEPARTMENT PERSONNEL AND THE OWNER'S REPRESENTATIVES TO ALL PHASES OF CONSTRUCTION. NOTIFY DEPARTMENT PERSONNEL AND THE UTILITY OWNER TWO WEEKS PRIOR TO COMMENCEMENT OF ANY WORK AND ONE WEEK PRIOR TO SERVICE INTERRUPTION. KEEP UTILITY OWNERS' REPRESENTATIVES INFORMED OF WORK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

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

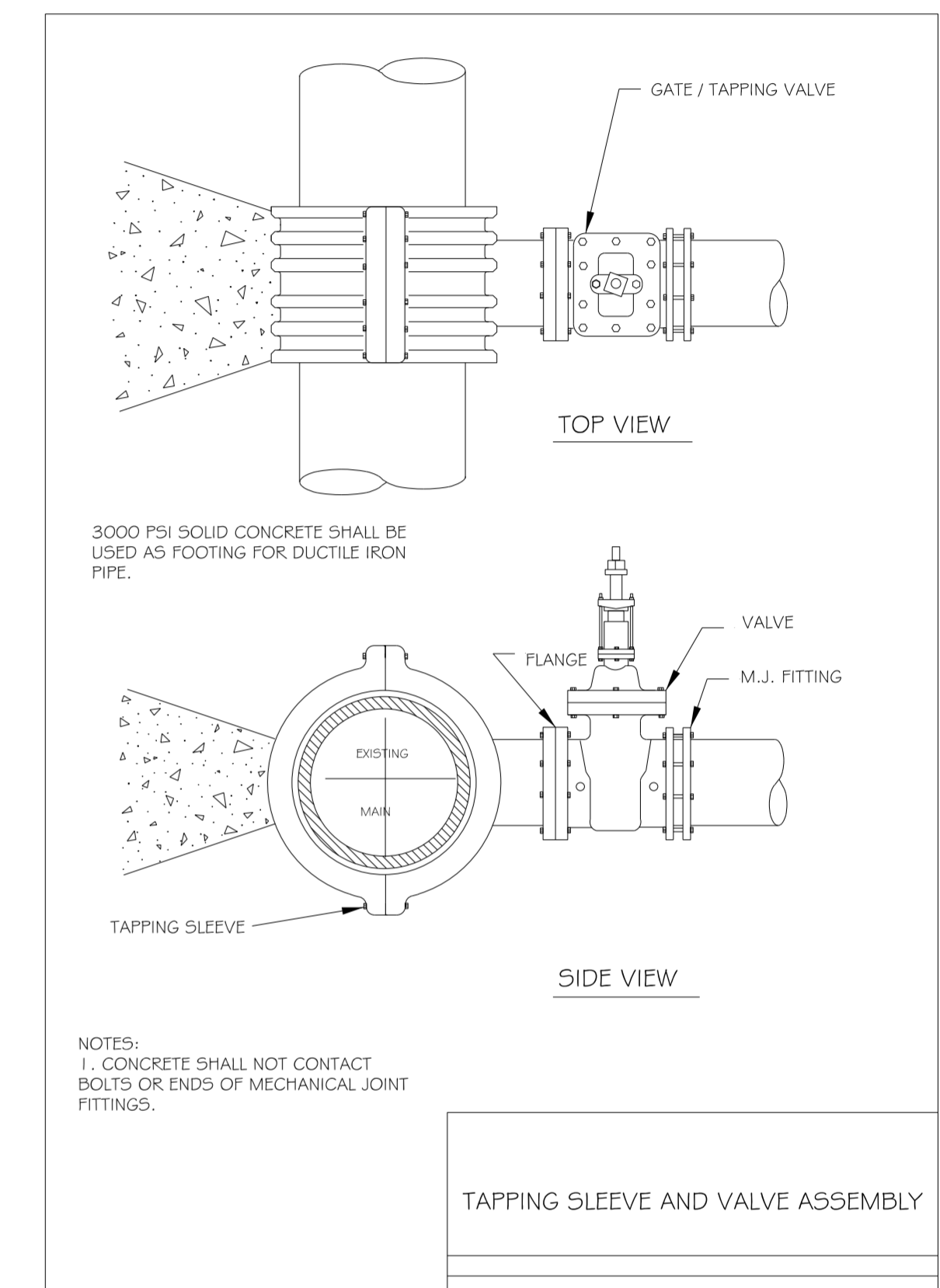
7. MAKE FINAL CONNECTIONS OF THE NEW WORK TO THE EXISTING SYSTEM WHERE INDICATED ON THE PLANS, AS REQUIRED TO FIT THE ACTUAL CONDITIONS, OR AS DIRECTED.

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

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

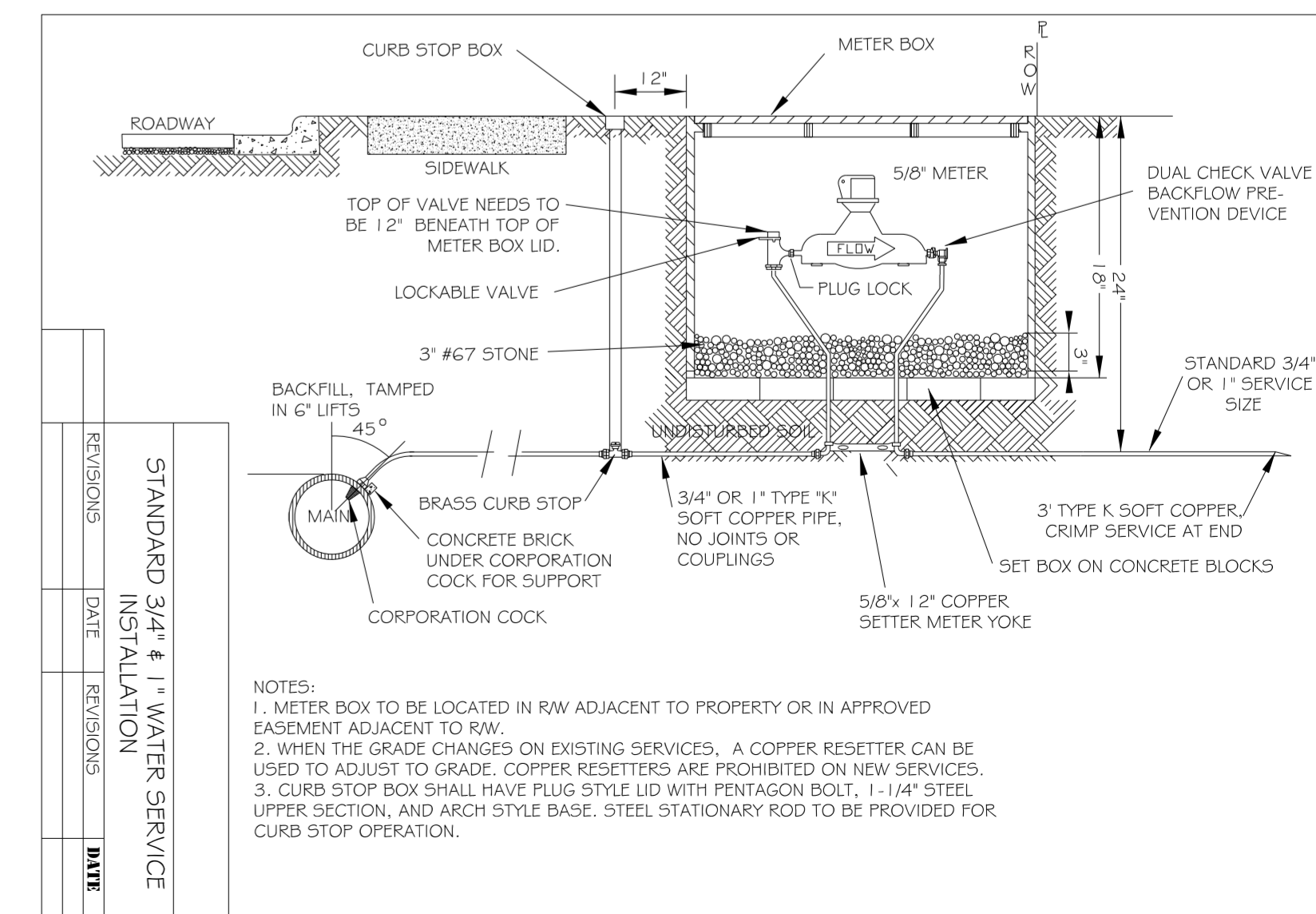


UTILITY CONSTRUCTION
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



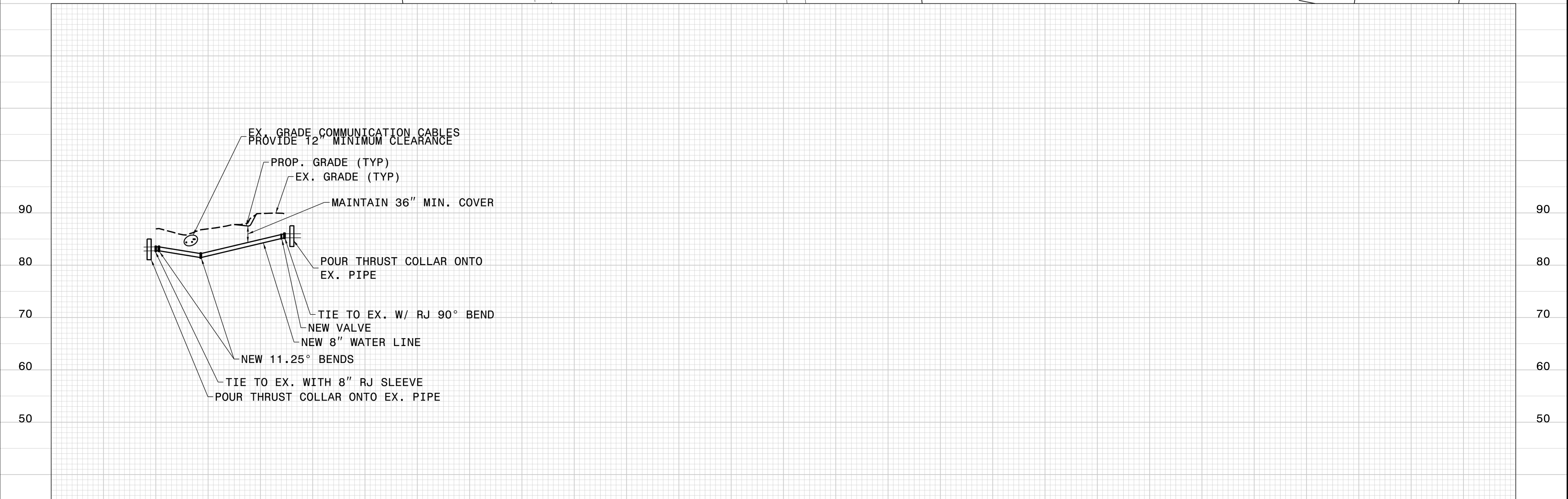
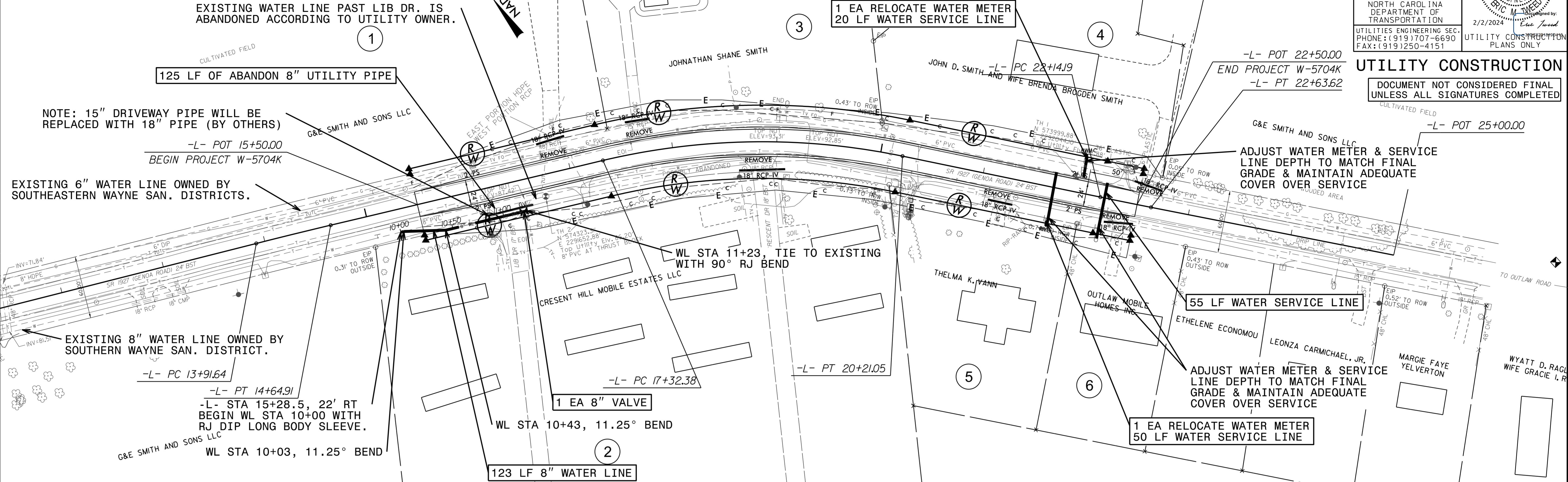
LIST OF STANDARD DRAWINGS

1515.01 WATER METER



PROJECT REFERENCE NO.	SHEET NO.
W-5704K	UC-4
DESIGNED BY: EMT	
DRAWN BY: EMT	
CHECKED BY: BAW	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
UTILITY CONSTRUCTION PLANS ONLY	

NOTE:
 THE ESTIMATED QUANTITY OF DUCTILE IRON WATER PIPE FITTINGS ON THIS PLAN SHEET IS 430 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.



10+00 10+50 11+00

REVISIONS

ROW REVISION 10-26-2021 - TCE POINT (-L- 22'+48' 30' LT) ADDED TO PARCEL 4

UTILITY CONSTRUCTION
 DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

ADJUST WATER METER & SERVICE LINE DEPTH TO MATCH FINAL GRADE & MAINTAIN ADEQUATE COVER OVER SERVICE

ADJUST WATER METER & SERVICE LINE DEPTH TO MATCH FINAL GRADE & MAINTAIN ADEQUATE COVER OVER SERVICE

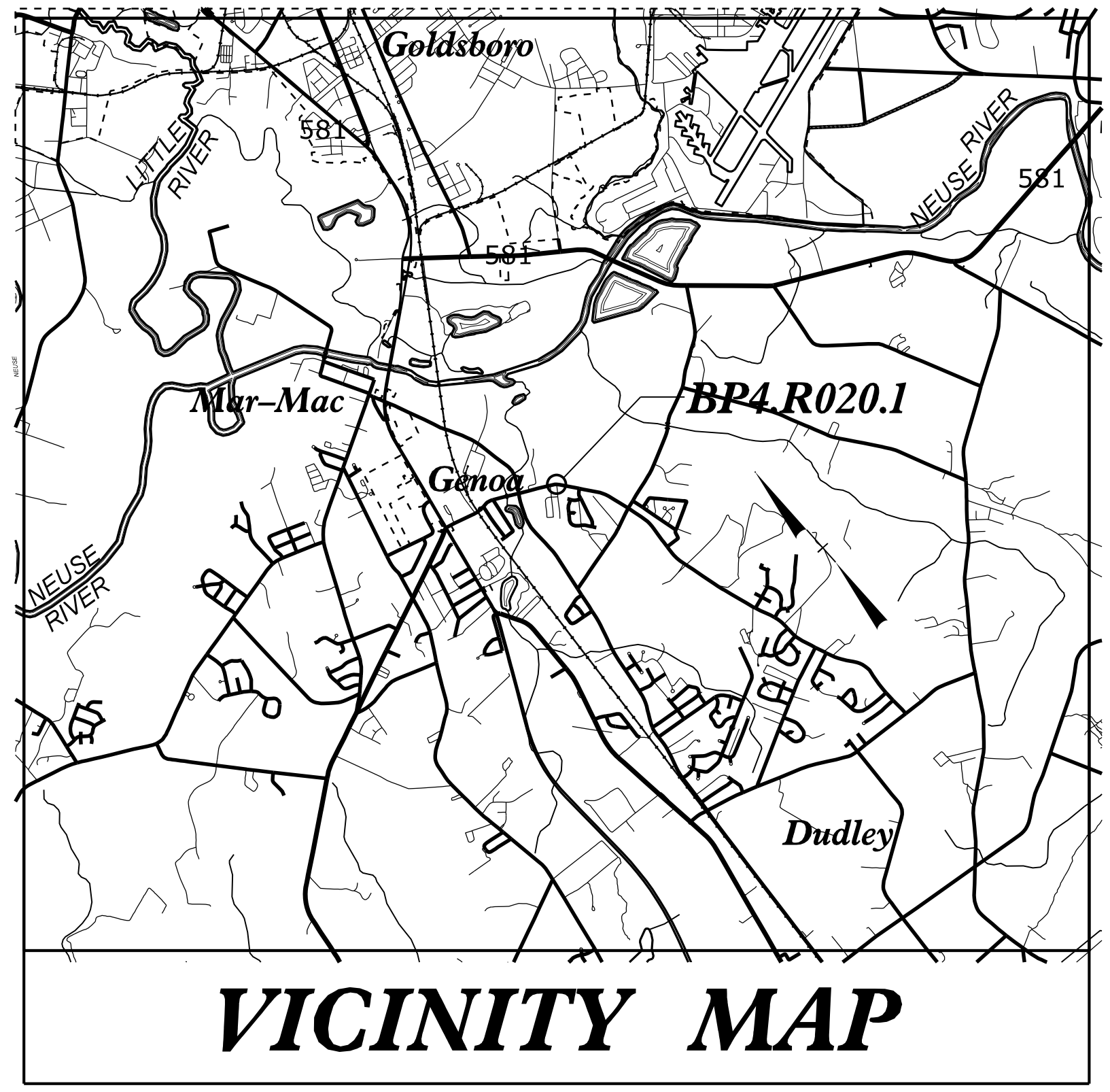
DDC

See Sheet 1-A For Index of Sheets

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5704K	UO-1	2

TIP PROJECT: W-5704K



VICINITY MAP

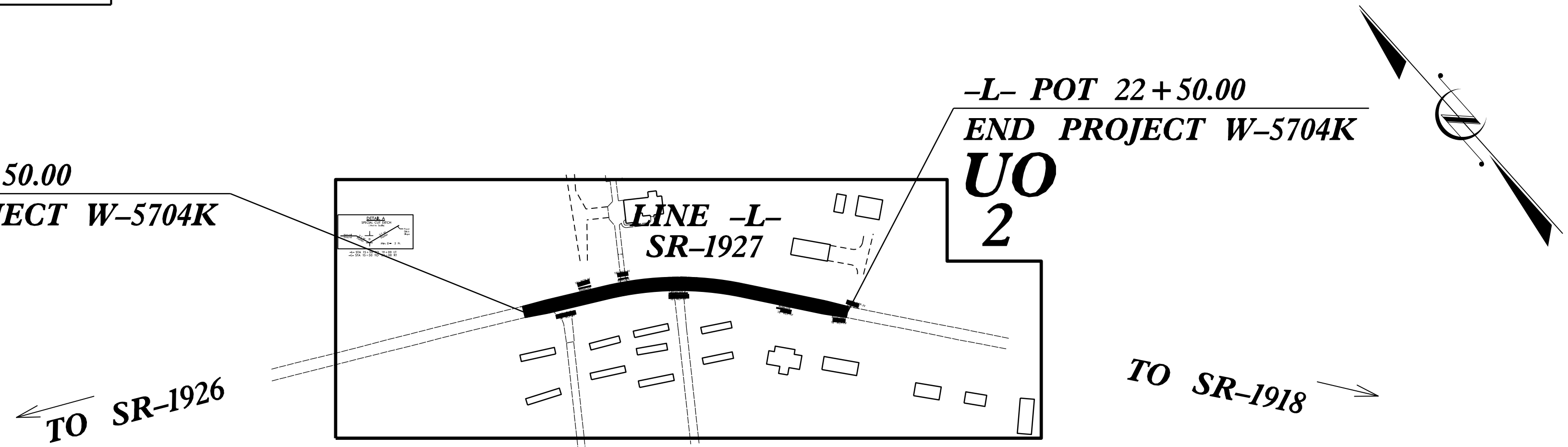
**UTILITIES BY OTHERS PLANS
JOHNSTON COUNTY**

LOCATION: SR-1927 (GENOA ROAD) AT CRESCENT DRIVE NEAR GENOA

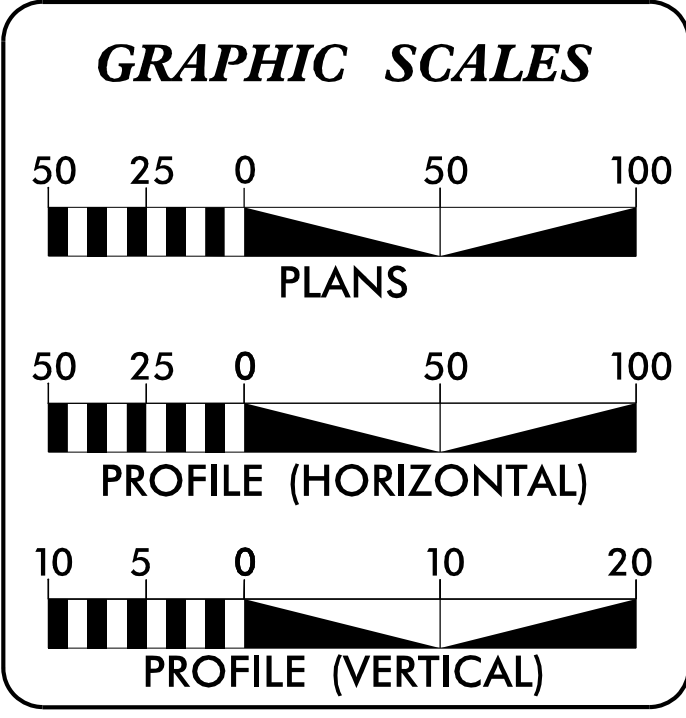
TYPE OF WORK: UTILITY BY OTHERS

**-L- POT 15+50.00
BEGIN PROJECT W-5704K**

**-L- POT 22+50.00
END PROJECT W-5704K**



CONTRACT:



INDEX OF SHEETS

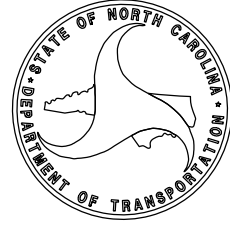
SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2	UBO PLAN SHEET

UTILITY OWNERS WITH CONFLICTS

A. PEIDMONT NATURAL GAS - GAS
B. CENTURYLINK - TELECOMMUNICATION
C. SPECTRUM - TELECOMMUNICATION

Prepared in the Office of
DIVISION OF HIGHWAYS
 Division 4
 509 Ward Bldg.
 Wilson NC, 27895

KYLE PLEASANT PROJECT UTILITIES ENGINEER
FRANK ZDELAR PROJECT UTILITIES COORDINATOR



DIVISION OF HIGHWAYS
DIVISION 4
 509 Ward Bldg. Wilson NC, 27895

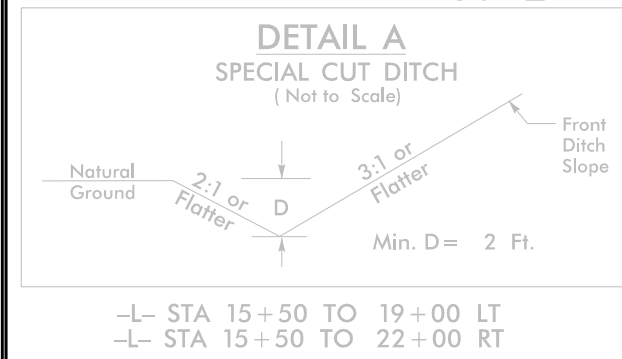
ADDISON GAINEX, PE DIVISION CONTACT #1

27-FEB-2023 10:27
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swheadock AT DNO4-312827

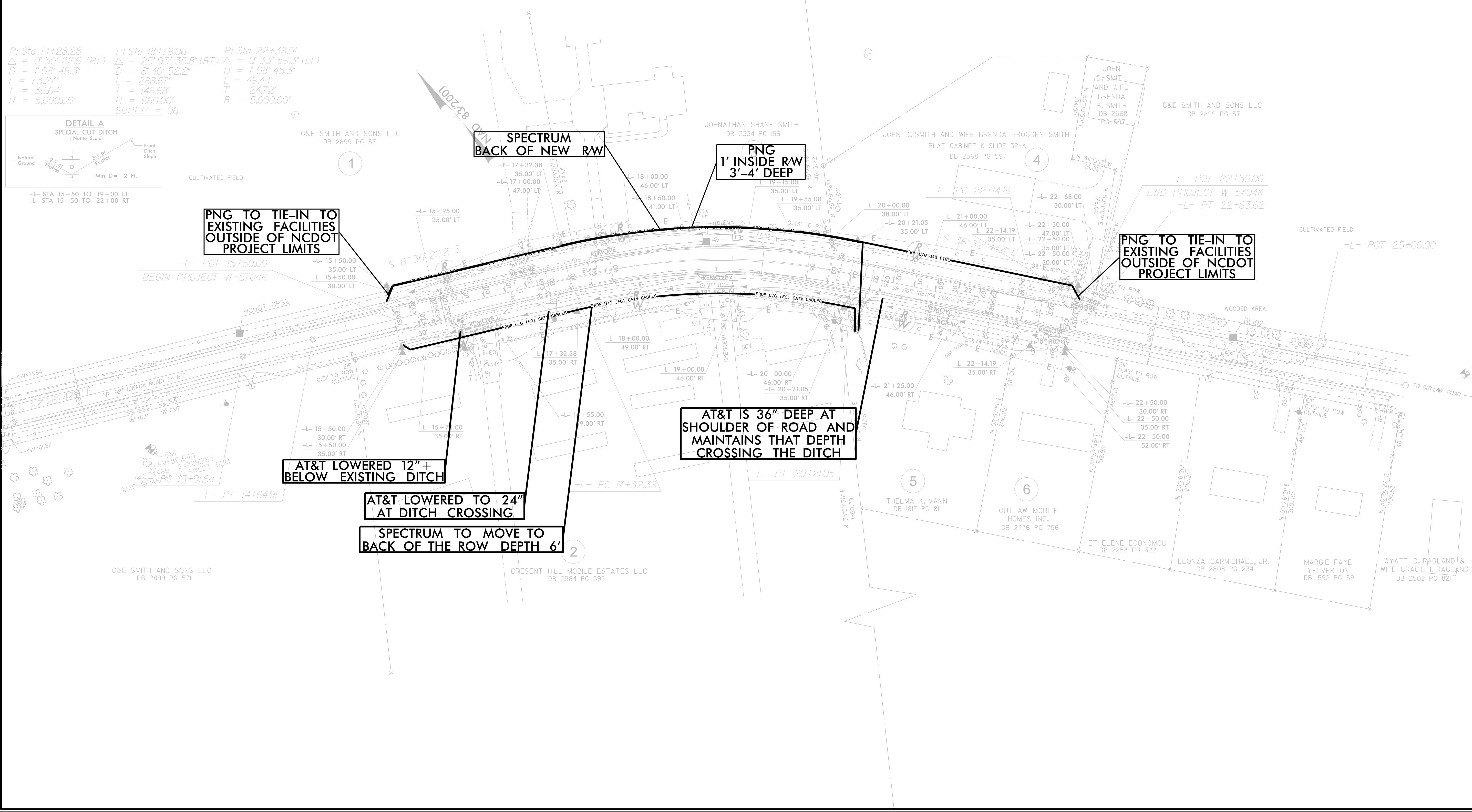
UTILITIES BY OTHERS

NOTE:
 ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

PI Sta 14+28.28 PI Sta 18+79.06 PI Sta 22+38.91
 $\Delta = 0^\circ 50' 22.6" (RT)$ $\Delta = 25^\circ 03' 35.8" (RT)$ $\Delta = 0^\circ 33' 59.3" (LT)$
 $D = 1'08" 45.3"$ $D = 8'40" 52.2"$ $D = 1'08" 45.3"$
 $L = 73.27'$ $L = 288.67'$ $L = 49.44'$
 $T = 36.64'$ $T = 146.68'$ $T = 24.72'$
 $R = 5,000.00'$ $R = 660.00'$ $R = 5,000.00'$
 SUPER = 06



-L- STA 15+50 TO 19+00 LT
 -L- STA 15+50 TO 22+00 RT



PNG TO TIE-IN TO EXISTING FACILITIES OUTSIDE OF NCDOT PROJECT LIMITS

SPECTRUM BACK OF NEW R/W

PNG 1' INSIDE RW 3'-4' DEEP

PNG TO TIE-IN TO EXISTING FACILITIES OUTSIDE OF NCDOT PROJECT LIMITS

AT&T IS 36" DEEP AT SHOULDER OF ROAD AND MAINTAINS THAT DEPTH CROSSING THE DITCH

AT&T LOWERED 12" + BELOW EXISTING DITCH

AT&T LOWERED TO 24" AT DITCH CROSSING

SPECTRUM TO MOVE TO BACK OF THE ROW DEPTH 6'

8/17/99
 27-FEB-2023 11:09
 C:\User\5\m\addock\Desk top\UBO\W-5704K\W-5704K.DDC4_UBO_2.dgn
 \$\$\$LSTRIMP\$\$\$

STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

CROSS-SECTION INDEX

PROJ. REFERENCE NO. W-5704K	SHEET NO. X-1
--------------------------------	------------------

Approximate quantities only. Unclassified excavation, shoulder borrow, fine grading, clearing and grubbing, breaking of existing pavement and removal of existing pavement will be paid for at the contract lump sum price

CROSS SECTION INDEX
CROSS SECTION SUMMARY
LINE -L- (15+50 - 22+50)

SHEET NUMBERS

X-1
X-1
X-2

**NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE
BACKFILL FOR UNDERCUT**

CROSS-SECTION SUMMARY

STATION	UNCLASSIFIED EXCAVATION (CU YD)	EMBANKMENT (CU YD)	
L			
15+50.00			
16+00.00	11	9	
16+50.00	38	19	
17+00.00	51	22	
17+50.00	61	24	
18+00.00	53	29	
18+50.00	35	34	
19+00.00	49	23	
19+50.00	71	22	
20+00.00	57	25	
20+50.00	52	19	
21+00.00	87	20	
21+50.00	145	15	
22+00.00	218	10	
22+50.00	125	4	

STATION	UNCLASSIFIED EXCAVATION (CU YD)	EMBANKMENT (CU YD)	

STATION	UNCLASSIFIED EXCAVATION (CU YD)	EMBANKMENT (CU YD)	

STATION	UNCLASSIFIED EXCAVATION (CU YD)	EMBANKMENT (CU YD)	

