

16-AUG-2022 10:54
 S:\DDC\Projects\W-5706AA NC 410 at Clarendon Chadbourn Road\Columbus\Roadway\proj\W-5706AA-Rdy_tsh.dgn
 \$\$\$USERNAME\$\$\$

TIP PROJECT: W-5706AA

CONTRACT: DF00409

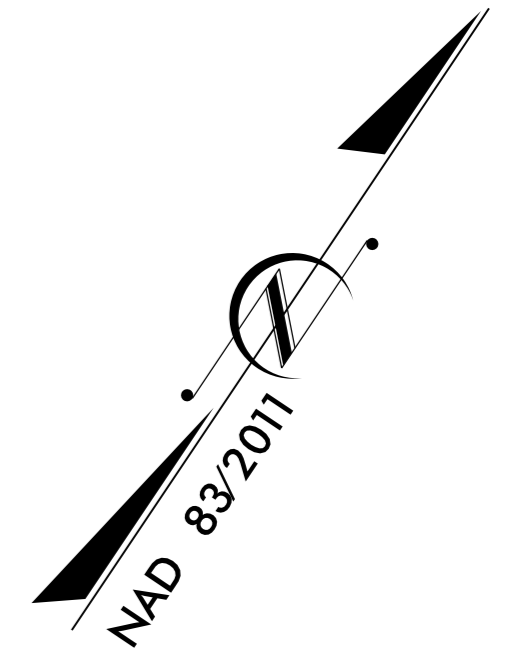
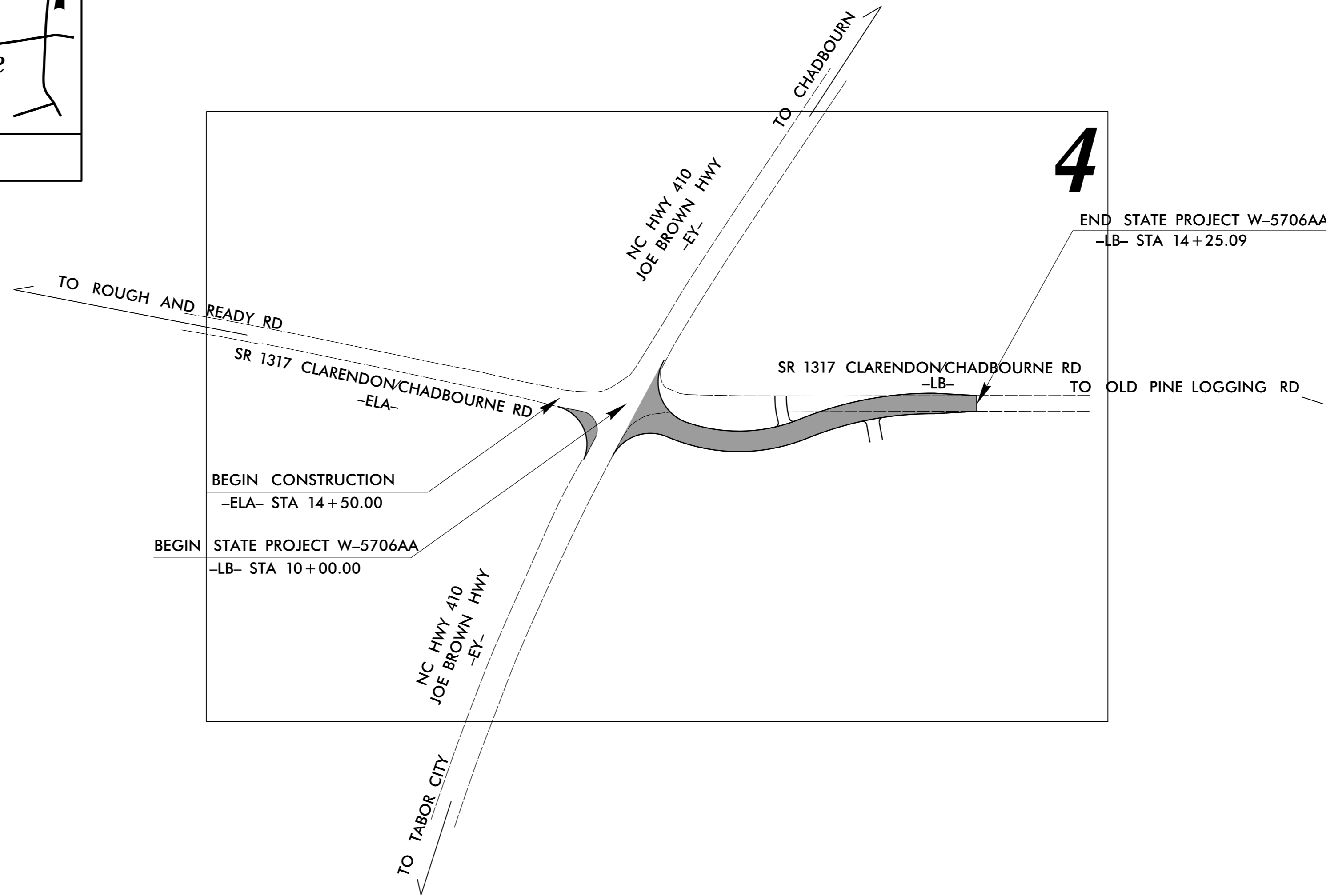
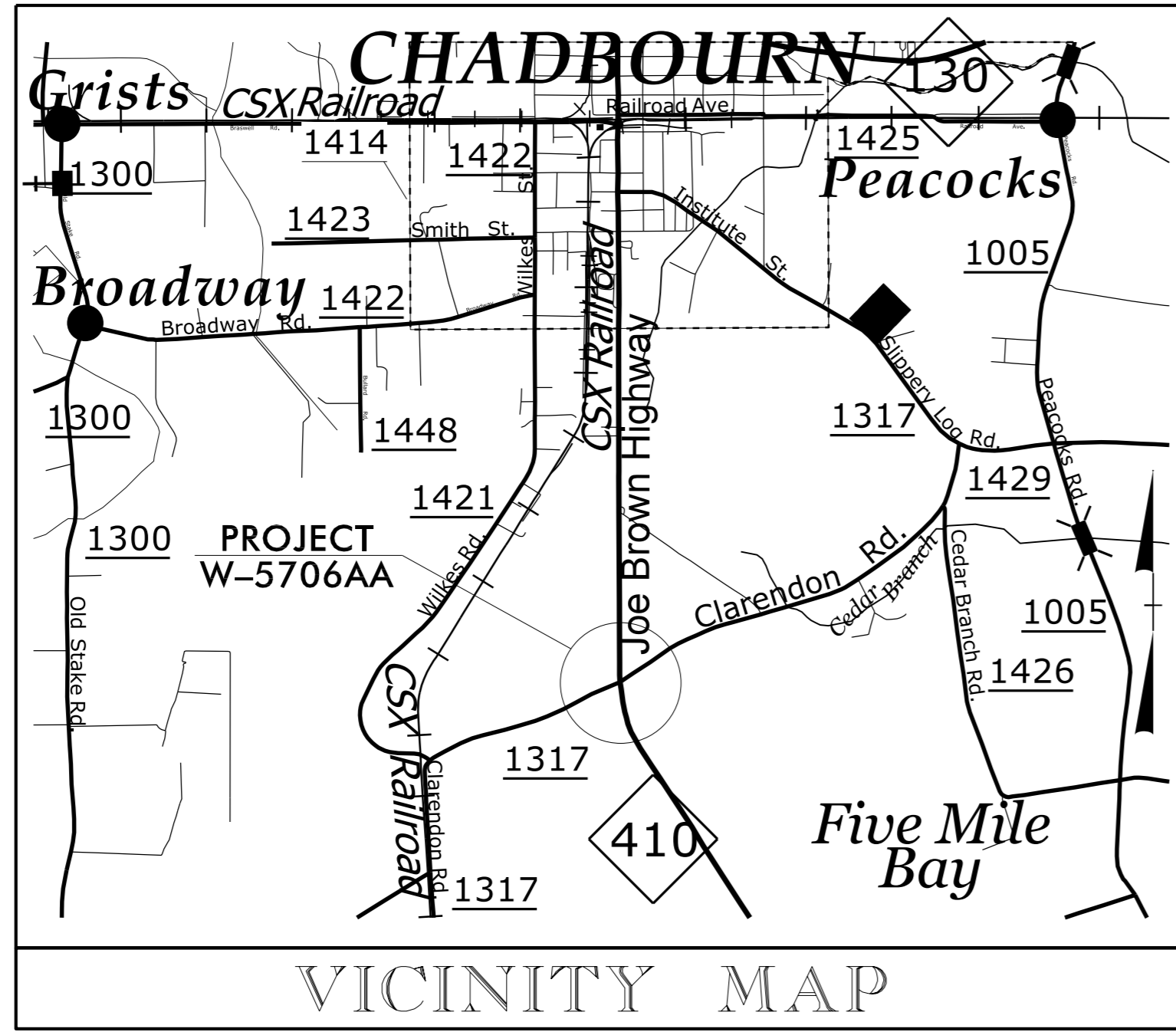
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

COLUMBUS COUNTY

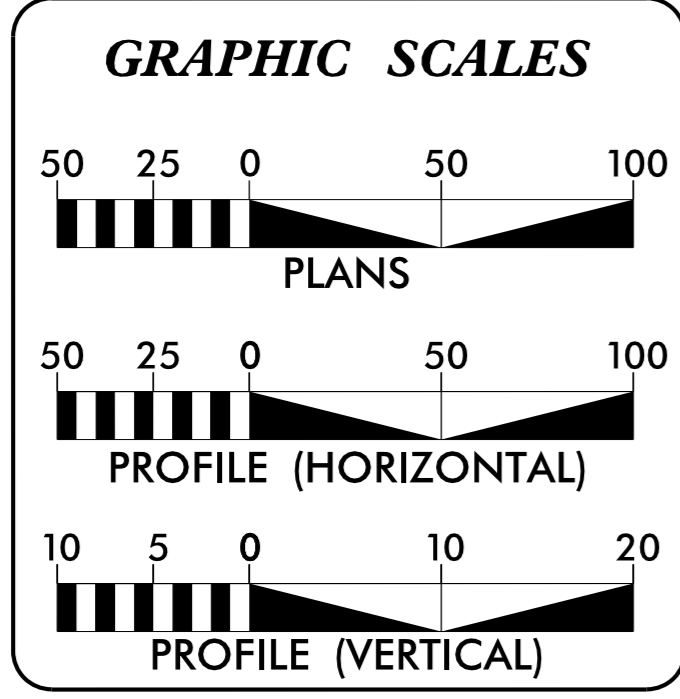
**LOCATION: NC 410 (JOE BROWN HIGHWAY)
AT SR 1317 (CLARENDONCHADBOURNE ROAD)
SOUTH OF CHADBOURN**

**TYPE OF WORK: GRADING, PAVING, DRAINAGE
AND PAVEMENT MARKINGS**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5706AA	1	7
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44852.1.28	0410007	P.E.	
44852.2.28	0410007	UTILITIES ROW	
44852.3.28	0410007	CONSTRUCTION	



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA

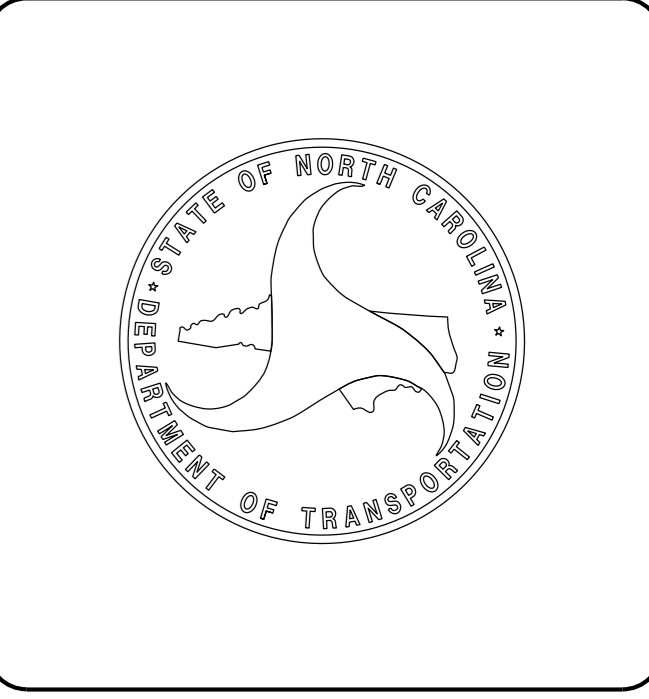
ADT 2022 =	710
ADT 2045 =	1,402

PROJECT LENGTH

TOTAL LENGTH OF STATE PROJECT W-5706AA = 0.052 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS
431 Transportation Drive, Fayetteville NC, 28301

2018 STANDARD SPECIFICATIONS	
RIGHT OF WAY DATE: 8/3/2021	JOHN GAUTHIER PROJECT ENGINEER
LETTING DATE: 9/21/2022	CEDRICK GRAHAM PROJECT DESIGN ENGINEER



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

Note: Not to Scale

BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin (EIP)	○
Computed Property Corner	×
Existing Concrete Monument (ECM)	◻
Parcel/Sequence Number	(23)
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	○
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	-----

RIGHT OF WAY & PROJECT CONTROL:

Primary Horiz Control Point	○
Primary Horiz and Vert Control Point	●
Secondary Horiz and Vert Control Point	◆
Vertical Benchmark	⊕
Existing Right of Way Monument	△
Proposed Right of Way Monument (Rebar and Cap)	▲
Proposed Right of Way Monument (Concrete)	▲
Existing Permanent Easement Monument	◇
Proposed Permanent Easement Monument (Rebar and Cap)	◇
Existing C/A Monument	▲
Proposed C/A Monument (Rebar and Cap)	▲
Proposed C/A Monument (Concrete)	▲
Existing Right of Way Line	-----
Proposed Right of Way Line	-----
Existing Control of Access Line	-----
Proposed Control of Access Line	-----
Proposed ROW and CA Line	-----
Existing Easement Line	-----
Proposed Temporary Construction Easement	-----
Proposed Temporary Drainage Easement	-----
Proposed Permanent Drainage Easement	-----
Proposed Permanent Drainage/Utility Easement	-----
Proposed Permanent Utility Easement	-----
Proposed Temporary Utility Easement	-----
Proposed 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	-----
Paved Ditch Gutter	-----
Storm Sewer Manhole	-----
Storm Sewer	-----

UTILITIES:

* SUE - Subsurface Utility Engineering
LOS - Level of Service - A,B,C or D (Accuracy)

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 Test Hole (SUE - LOS A)*	⊕
U/G Power Line (SUE - LOS B)*	-----
U/G Power Line (SUE - LOS C)*	-----
U/G Power Line (SUE - LOS D)*	-----

TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	⊕
Telephone Pedestal	⊕
Telephone Cell Tower	⊕
U/G Telephone Cable Hand Hole	⊕
U/G Telephone Test Hole (SUE - LOS A)*	⊕
U/G Telephone Cable (SUE - LOS B)*	-----
U/G Telephone Cable (SUE - LOS C)*	-----
U/G Telephone Cable (SUE - LOS D)*	-----
U/G Telephone Conduit (SUE - LOS B)*	-----
U/G Telephone Conduit (SUE - LOS C)*	-----
U/G Telephone Conduit (SUE - LOS D)*	-----
U/G Fiber Optics Cable (SUE - LOS B)*	-----
U/G Fiber Optics Cable (SUE - LOS C)*	-----
U/G Fiber Optics Cable (SUE - LOS D)*	-----

WATER:

Water Manhole	⊕
Water Meter	○
Water Valve	⊕
Water Hydrant	⊕
U/G Water Line Test Hole (SUE - LOS A)*	⊕
U/G Water Line (SUE - LOS B)*	-----
U/G Water Line (SUE - LOS C)*	-----
U/G Water Line (SUE - LOS D)*	-----
Above Ground Water Line	-----

TV:

TV Pedestal	⊕
TV Tower	⊕
U/G TV Cable Hand Hole	⊕
U/G TV Test Hole (SUE - LOS A)*	⊕
U/G TV Cable (SUE - LOS B)*	-----
U/G TV Cable (SUE - LOS C)*	-----
U/G TV Cable (SUE - LOS D)*	-----
U/G Fiber Optic Cable (SUE - LOS B)*	-----
U/G Fiber Optic Cable (SUE - LOS C)*	-----
U/G Fiber Optic Cable (SUE - LOS D)*	-----

GAS:

Gas Valve	◇
Gas Meter	⊕
U/G Gas Line Test Hole (SUE - LOS A)*	⊕
U/G Gas Line (SUE - LOS B)*	-----
U/G Gas Line (SUE - LOS C)*	-----
U/G Gas Line (SUE - LOS D)*	-----
Above Ground Gas Line	-----

SANITARY SEWER:

Sanitary Sewer Manhole	⊕
Sanitary Sewer Cleanout	⊕
U/G Sanitary Sewer Line	-----
Above Ground Sanitary Sewer	-----
SS Force Main Line Test Hole (SUE - LOS A)*	⊕
SS Force Main Line (SUE - LOS B)*	-----
SS Force Main Line (SUE - LOS C)*	-----
SS Force Main Line (SUE - LOS D)*	-----

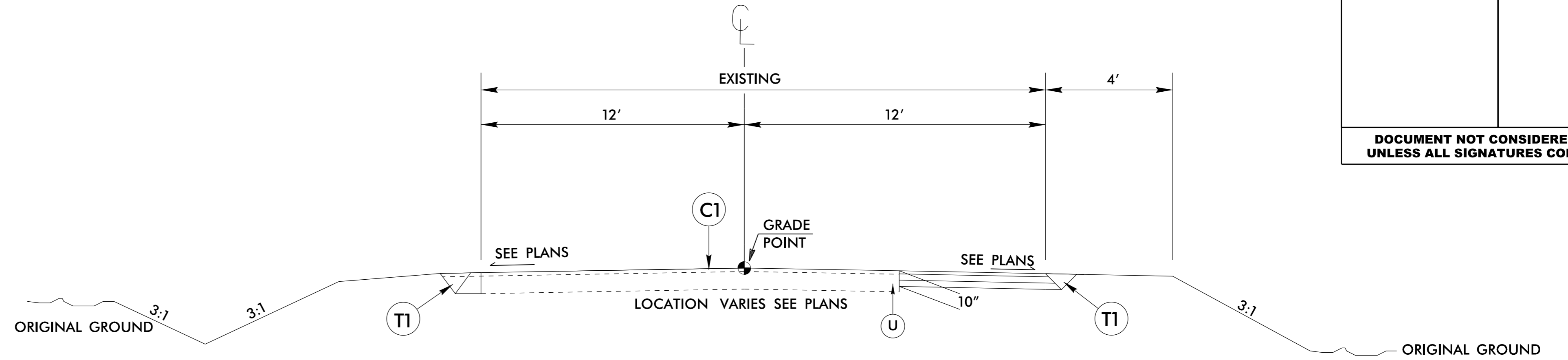
MISCELLANEOUS:

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

PROJECT REFERENCE NO.	SHEET NO.
W-5706AA	2
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

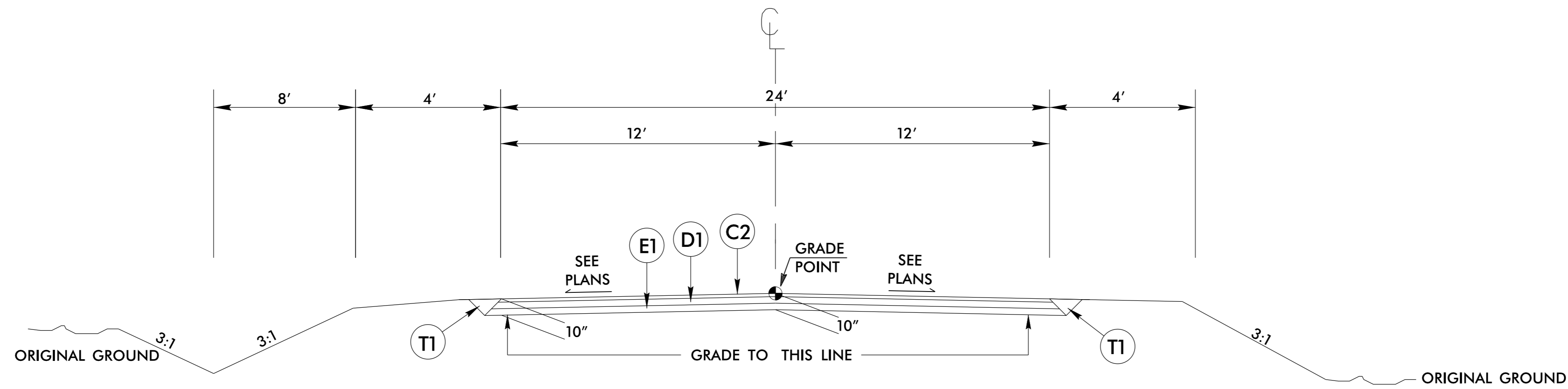
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
D1	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 3" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
T1	EARTH MATERIAL.
T2	AGGREGATE SHOULDER BORROW
U	EXISTING PAVEMENT.

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



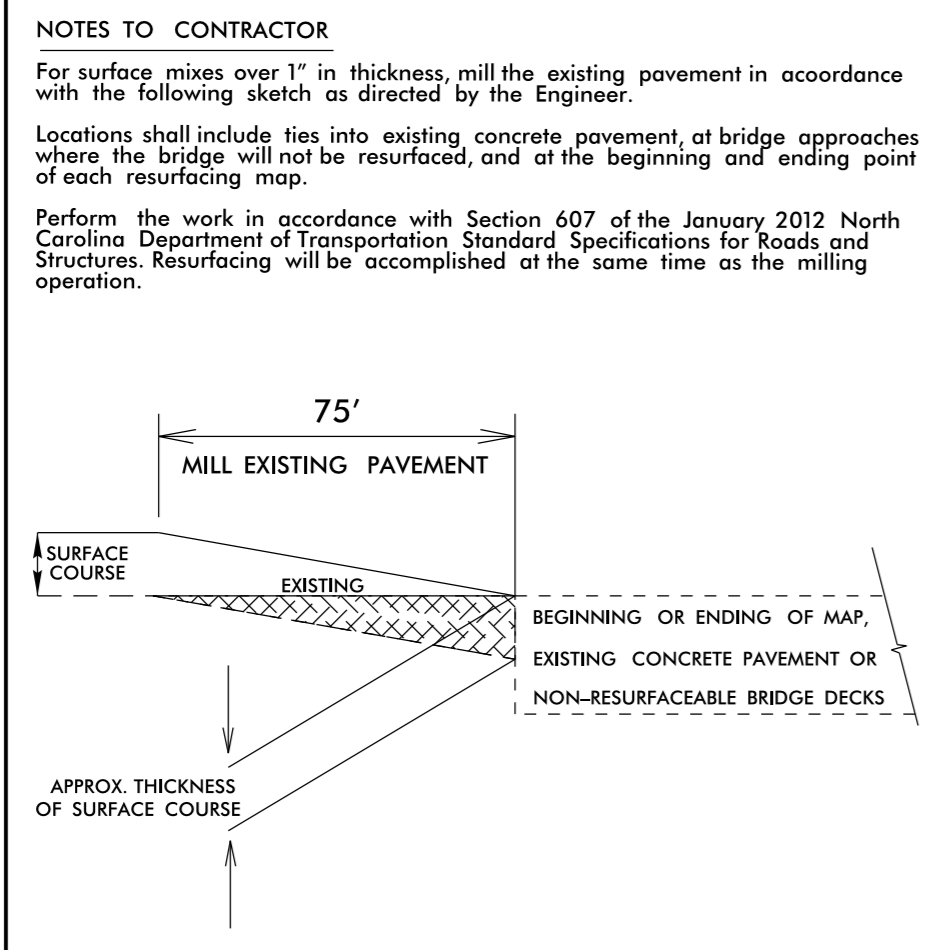
TYPICAL SECTION NO. 2
-LB- STA. 12 + 43.25 TO 13 + 79.09

TRANSITION NOTE: **TRANSITION FROM TS NO. 2 TO EXISTING**
-LB- STA. 13 + 79.09 TO 14 + 25.09



TYPICAL SECTION NO. 1
-LB- STA. 10 + 12.00 TO STA. 12 + 43.25

MILLING AT PAVEMENT TIE-INS



PROJECT NOTES

- The contractor shall not work on both sides of the road simultaneously within the same area.
- Ingress and egress shall be maintained to all businesses and dwellings on the project.
- At the end of each workday, the contractor shall be required to backfill any area adjacent to existing travelway that has been graded, leaving no more than a 1" drop-off.
- A minimum of two-way, two-lane traffic (plus all existing left and right turn lanes) shall be maintained during periods of construction inactivity.
- The Contractor shall not be allowed to stop traffic for more than 5 minutes at a time in any one direction.
- During periods of construction inactivity, the difference in elevation between lanes shall not exceed 1-1/2 inch.
- Access to police and fire stations, fire hydrants, and hospitals shall be maintained at all times.
- During periods of construction inactivity, place cones/drums 3' from existing edge of pavement (travelway) as directed by the Engineer.
- Contractor to install and maintain Erosion Control devices as directed by the Engineer.
- Contractor shall coordinate with the Division Six Traffic Services Unit (910-364-0606) for placement of all pavement markings and signs 14 days prior to placement.
- The contractor shall be responsible for the permanent staking of all Proposed Right of Way, Control of Access and Drainage Easements Per NCDOT Division 6 Special Provision in the contract.
- Contractor shall provide Driveway Turnouts at all soil or gravel drives as directed by Engineer.
- Signing will be incidental to the project. The Contractor is responsible for relocating, removing, replacing or installing signs as directed by the Engineer. There will be no direct pay for the relocation, removal, replacement or installation of signs.

6/2/99

Q:\JULY 2022\44533\58431\STATEWAY\6066\6066.dgn
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NOTES:
THE TEL/F/O/T/V UNDERGROUND UTILITIES HAVE BEEN PLACED BY THE D.A.T./U.R. METHOD.

-LB-
 PI Sta 11+34.86 PI Sta 12+96.61
 $\Delta = 51^{\circ}30'56.4"$ (LT) $\Delta = 22^{\circ}11'12.2"$ (RT)
 $D = 28^{\circ}38'52.4"$ $D = 14^{\circ}19'26.2"$
 $L = 179.82'$ $L = 154.89'$
 $T = 96.50'$ $T = 78.43'$
 $R = 200.00'$ $R = 400.00'$

BL-1
 N 197964.5552
 E 2051893.4446
 ELEV = 107.57
 11.05' LT

B/M
 N 198541
 E 2052488
 ELEV = 98.93

BL-3
 N 198518.7140
 E 2052911.3087
 ELEV = 99.02
 13.27' LT

LYNN NICOLE LLC
 DB 633 PG 995

JAMES ALLEN CARTRETTE III &
 ANDREA GOODWIN CARTRETTE
 DB 1246 PG 937
 PB 56 PG 37

LYNN NICOLE LLC
 DB 633 PG 995

BL-2
 N 198152.0653
 E 2052418.1079
 ELEV = 101.43
 -EY- STA 14+95.92
 31.14' RT

JIMMY C WALTERS
 DB 455 PG 390
 PB 57 PG 29

JIMMY D DUNCAN
 DB 515 PG 910
 PB 57 PG 29

BATTERY CITY INC
 DB 378 PG 995-997

MARTHA S THOMPSON
 DB 03 PG 312
 PB 57 PG 29

LEO NEALEY
 DB 428 PG 753
 PB 57 PG 29

RANDY PHILLIP GUYTON
 DB 1128 PG 518

CARLOTTA GUYTON
 DB 378 PG 426

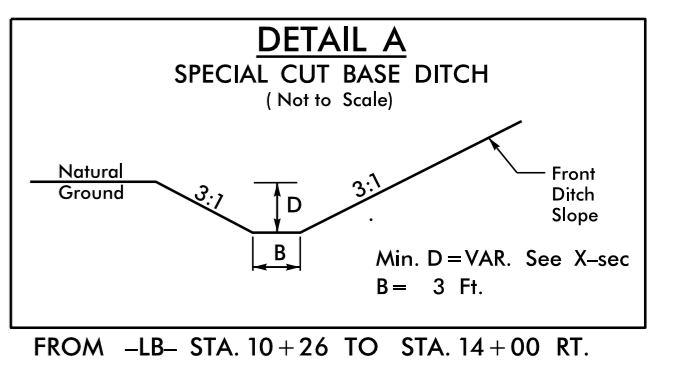
LYNN NICOLE LLC
 DB 633 PG 995

JAMES A CARTRETTE
 DB 765 PG 252

BEGIN STATE PROJECT W-5706AA
 -LB- STA 10+00.00

BEGIN CONSTRUCTION
 -ELA- STA 14+50.00

END STATE PROJECT W-5706AA
 -LB- STA 14+25.09

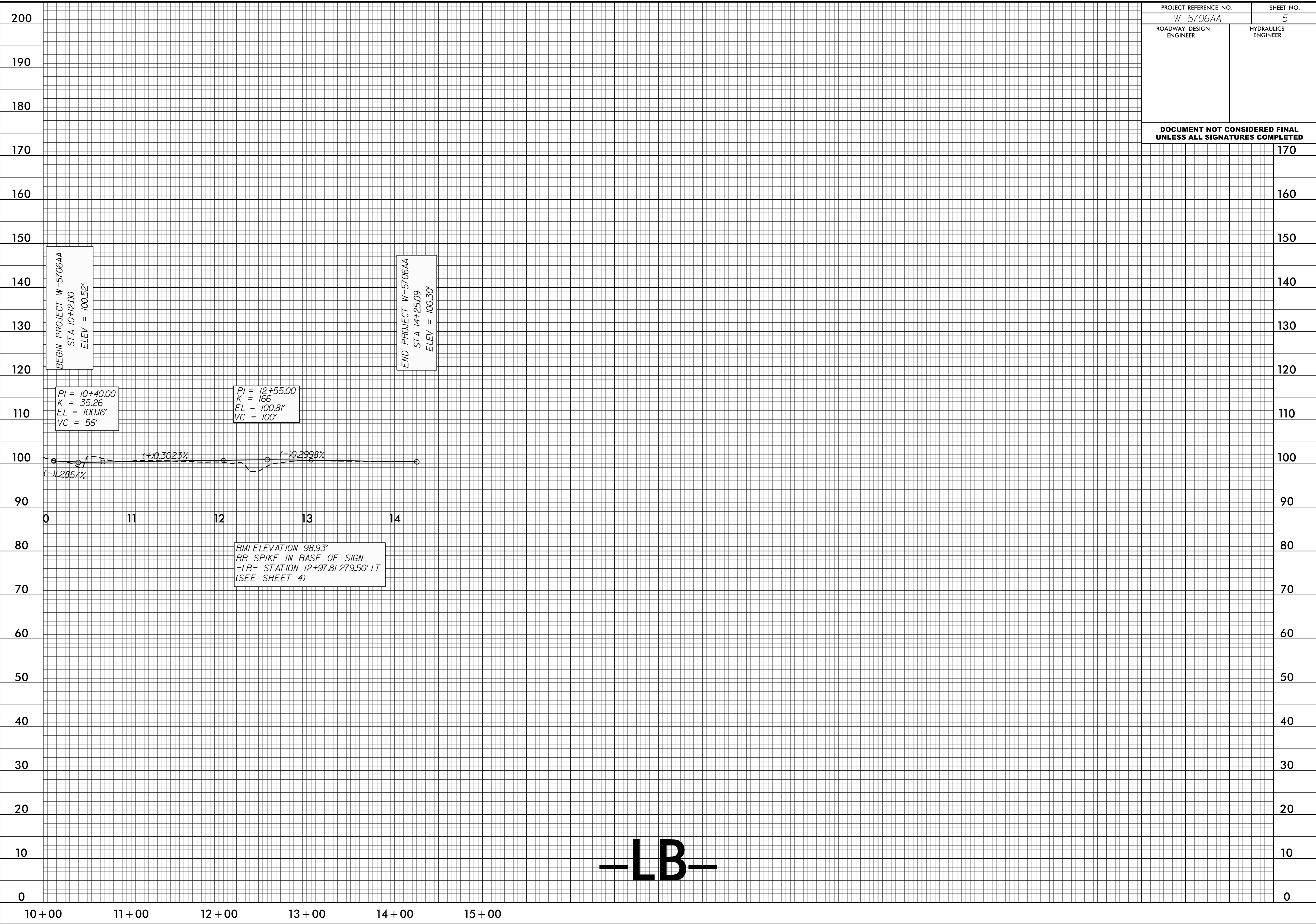


FOR -LB- PROFILE SEE SHEET 5

16-AUG-2022 10:59 410 633.dwg \\sdbourne\Road\Columbus\Roadway\proj\W-5706AA_Rdy_psh4.dgn

5/14/99
 23-AUG-2002 6:47
 33431 (STR) W-5706AA NC 410 at Clarendon Chadbourn Road.Columbus\Roadway\proj\W-5706AA.Rdy_PFI_Sht1.dgn

PROJECT REFERENCE NO. W-5706AA	SHEET NO. 5
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



BEGIN PROJECT W-5706AA
 STA 10+12.00
 ELEV = 100.52'

END PROJECT W-5706AA
 STA 14+25.09
 ELEV = 100.30'

PI = 10+40.00
 K = 35.26
 EL = 100.16'
 VC = 56'

PI = 12+55.00
 K = 166
 EL = 100.81'
 VC = 100'

BM ELEVATION 98.93'
 RR SPIKE IN BASE OF SIGN
 -LB- STATION 12+97.81 279.50' LT
 (SEE SHEET 4)

-LB-

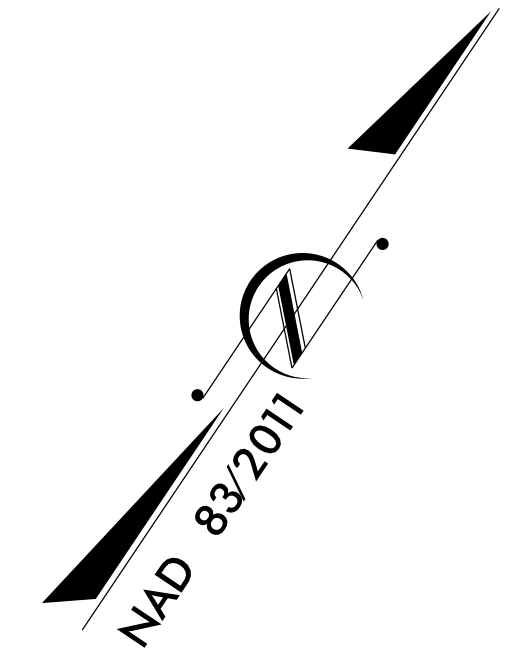
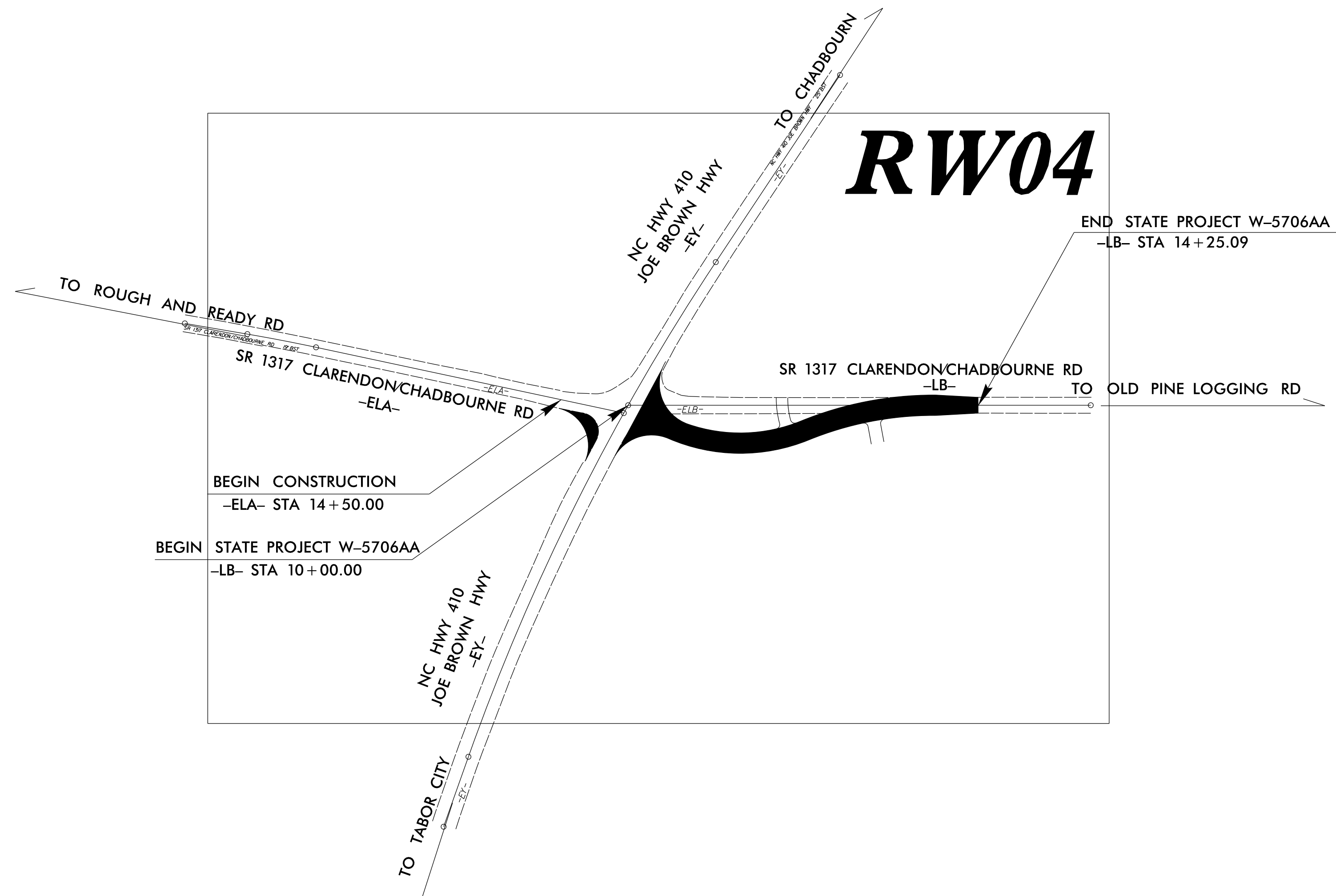
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5706AA	RW01	6

TIP PROJECT: W-5706AA

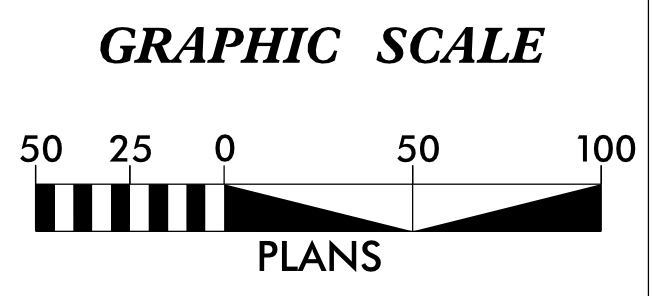
STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

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

COLUMBUS COUNTY



19-JUL-2022 10:48 S:\Units\Div06\HOPE_MILLS-PROJECTS\Control Sheets\w5706aa\work\rw\w5706aa_ls_.tsh.dgn jbonorris AT LSD6-32626



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "W-5706AA BL-1" WITH NAD 83/NSRS 2011 STATE PLANE GRID COORDINATES OF NORTHING: 197964.5552(ft) EASTING: 2051893.4446(ft) ELEVATION: 107.57(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.00001150613

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "W-5706AA BL-1" TO -LB- STATION 10+00.00 IS N 67°44'13.0" E 597.11(ft)

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

Prepared in the Office of:

NCDOT LOCATION AND SURVEYS
 4834 US HWY 301 SOUTH
 HOPE MILLS, NC 28348

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
 02/18/2022

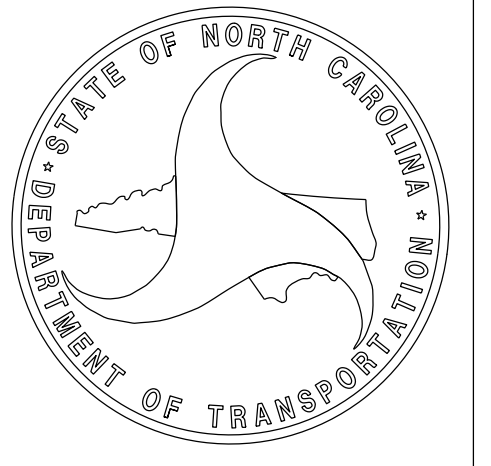
LETTING DATE:
 09/21/2022

PROFESSIONAL LAND SURVEYOR



DocuSigned by:
 Keith E. Hong
 SIGNATURE

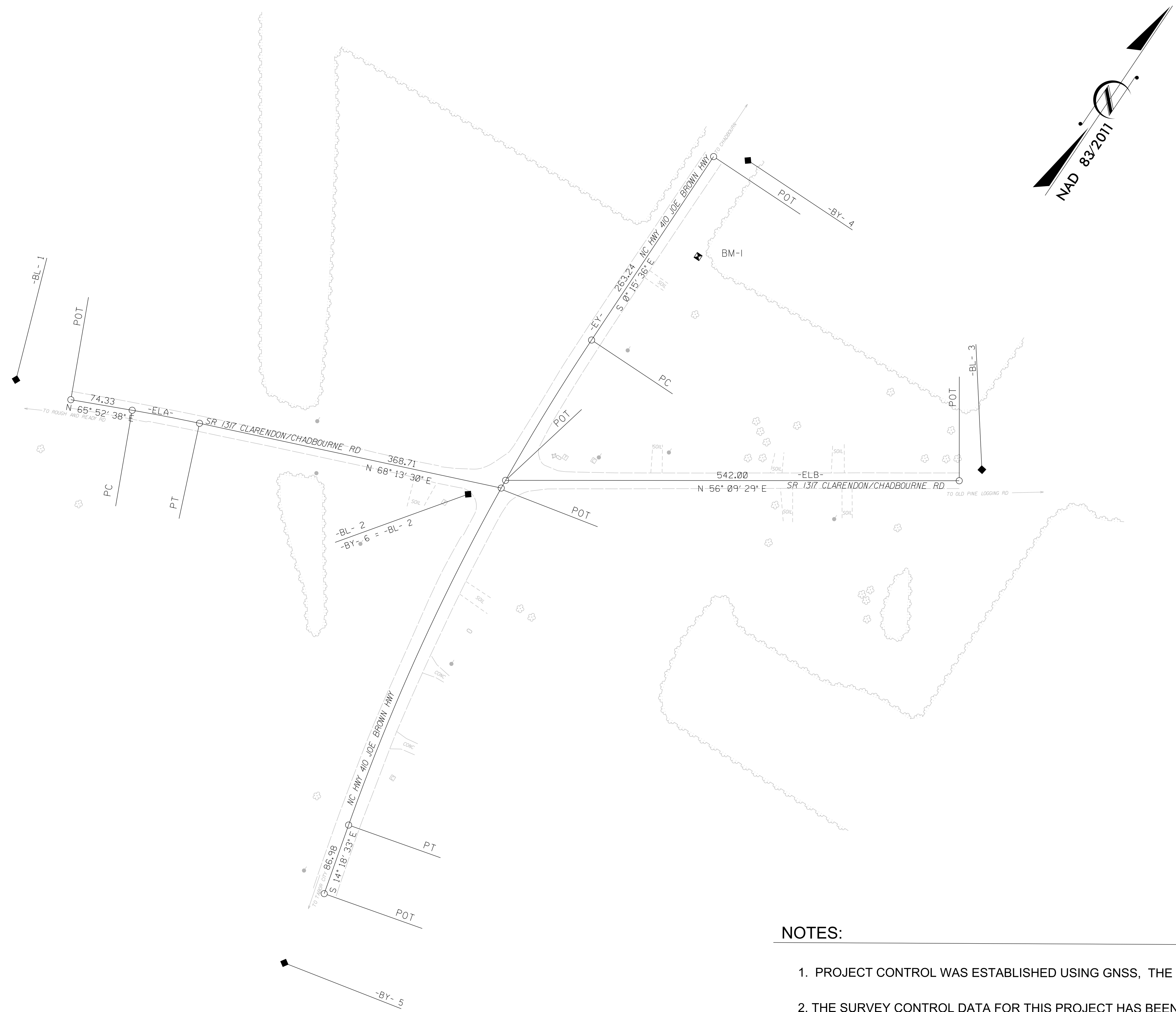
07/29/2022
 Date:



PROJECT REFERENCE NO.	SHEET NO.
W-5706AA	RW02C-1
Location and Surveys	
NCDOT LOCATION AND SURVEYS 4834 US HWY 301 SOUTH HOPE MILLS, NC 28348	

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



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.

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
W-5706AA	RW02C-2
Location and Surveys	
NCDOT LOCATION AND SURVEYS 4834 US HWY 301 SOUTH HOPE MILLS, NC 28348	

BL

POINT	DESC.	BL	NORTH	EAST	ELEVATION
1	W-5706AA	BL	197964.5552	2051893.4446	107.57
2	W-5706AA	BL	198152.0653	2052418.1079	101.43
3	W-5706AA	BL	198518.7140	2052911.3087	99.02

BY

POINT	DESC.	BL	NORTH	EAST	ELEVATION
4	W-5706AA	BL	198669.5252	2052473.2296	98.15
6	W-5706AA	BL	198152.0653	2052418.1079	101.43
5	W-5706AA	BL	197564.7941	2052548.1428	106.92

 BM1 ELEVATION = 98.93
 N 198541 E 2052488
 RR SPIKE IN BASE OF SIGN

ELA

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	197981.163	2051961.188							
LINE			N 65°52'37.8" E	74.33					
PC	198011.541	2052029.026							
CURVE			N 67°03'03.8" E	81.95	02°20'52.0"(RT)	02°51'53.2"	81.95	40.98	2000.00
PT	198043.494	2052104.488							
LINE			N 68°13'29.9" E	368.71					
POT	198180.273	2052446.893							

ELB

POINT	N	E	BEARING	DIST
POT	198190.776	2052446.043		
LINE			N 56°09'28.7" E	542.00
POT	198492.620	2052896.217		

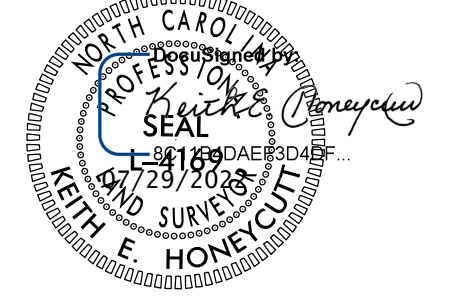
EY

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	198650.505	2052436.659							
LINE			S 00°15'36.2" E	263.24					
PC	198387.268	2052437.854							
CURVE			S 07°17'04.3" E	648.16	14°02'56.3"(LT)	02°09'43.6"	649.78	326.53	2650.00
PT	197744.343	2052520.038							
LINE			S 14°18'32.5" E	86.98					
POT	197660.064	2052541.534							

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.

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. W-5706AA	SHEET NO. RW02D-1
Location and Surveys	
NCDOT LOCATION AND SURVEYS 4834 US HWY 301 SOUTH HOPE MILLS, NC 28348	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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

This 13th day of July, 2022.

DocuSigned by:

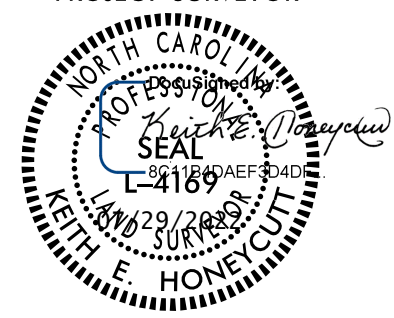
 Keith E. Honeycutt
 Professional Land Surveyor L-4169

LB			
TYPE	STATION	NORTH	EAST
POT	10+00.00	198190.7763	2052446.0428
PC	10+38.36	198193.7946	2052484.2835
PRC	12+18.18	198281.4191	2052634.4098
PT	13+73.08	198390.1388	2052743.3750
POT	14+25.09	198419.1073	2052786.5791

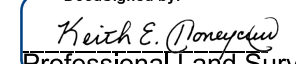
NOTES:

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

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO. W-5706AA	SHEET NO. RW03E-1
Location and Surveys	
NCDOT LOCATION AND SURVEYS 4834 US HWY 301 SOUTH HOPE MILLS, NC 28348	
<div style="display: flex; justify-content: center; align-items: center;"> <div style="text-align: center; margin-right: 10px;">PROJECT SURVEYOR</div>  </div>	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Keith E. Honeycutt, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed July 12, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 19th day of July, 2022.
 Documented by:

 Professional Land Surveyor L-4169

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
EY	12+63.24	-50.00	198387.4945	2052487.8531
EY	12+63.88	48.87	198386.3945	2052388.9910
EY	15+20.00	-50.67	198136.0990	2052501.8591
EY	15+78.31	50.00	198066.8722	2052408.3683
EY	19+13.02	-50.00	197756.7004	2052568.4867
EY	19+13.02	50.00	197731.9852	2052471.5890

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
ELA	10+74.33	30.00	197984.1613	2052041.2872
ELA	10+74.33	-30.00	198038.9215	2052016.7656
ELA	13+99.81	30.00	198105.9725	2052341.7645
ELA	14+81.94	-30.00	198192.1613	2052395.7833

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
ELB	10+75.84	-30.00	198257.9281	2052492.3250

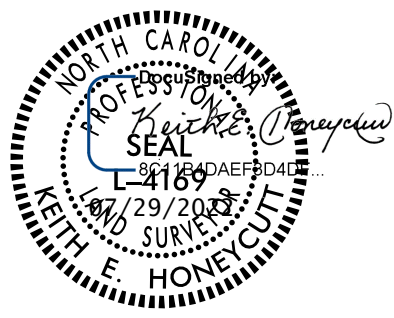
ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
LB	10+75.00	30.00	198171.0217	2052528.1125
LB	12+18.18	30.00	198264.6558	2052659.2894
LB	13+20.00	26.72	198337.7186	2052719.0640
LB	13+20.00	30.00	198335.2590	2052721.2358

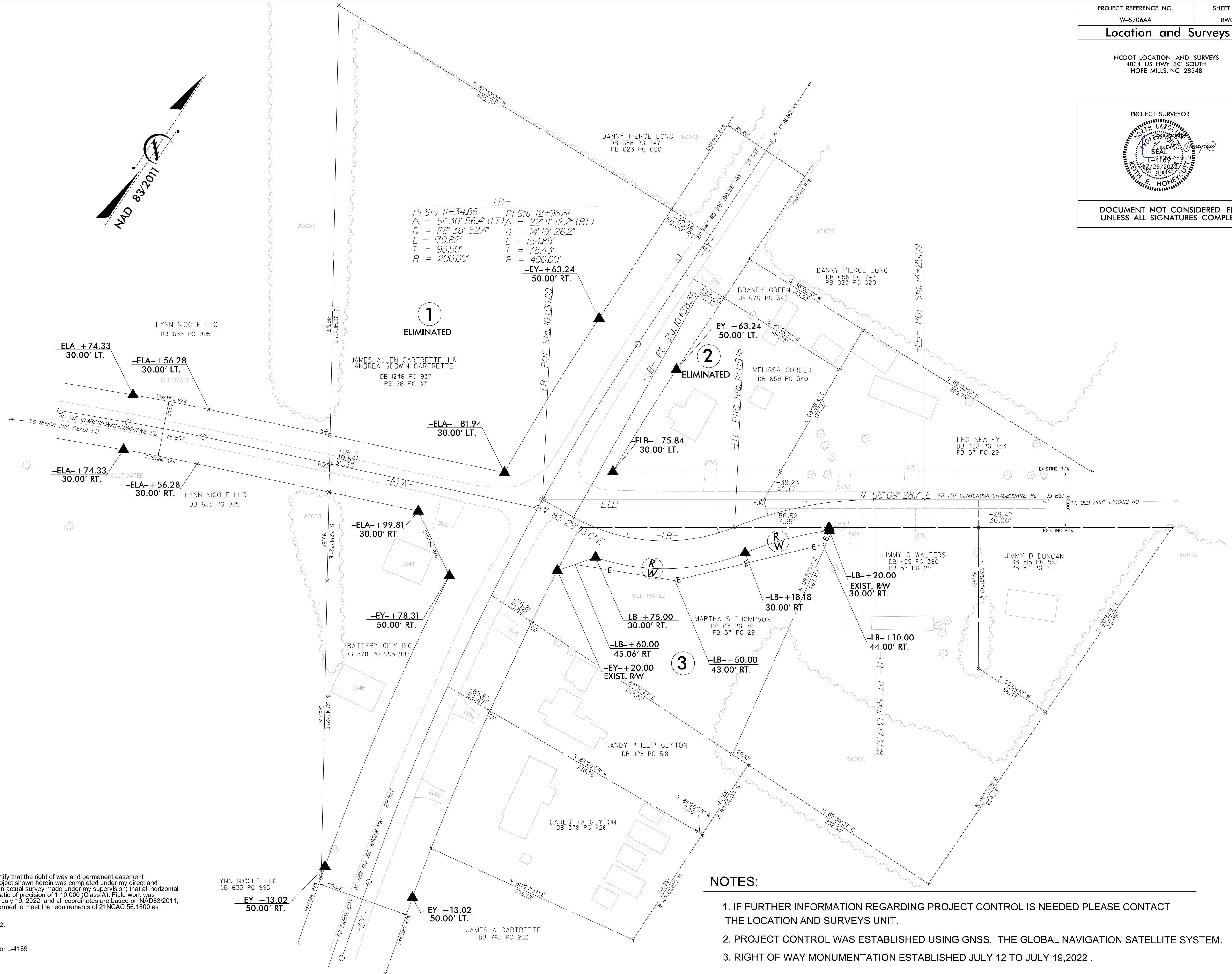
REVISIONS

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.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED JULY 12 TO JULY 19, 2022.

PROJECT REFERENCE NO.	SHEET NO.
W-5706AA	RW04
Location and Surveys	
NCDOT LOCATION AND SURVEYS 4834 US HWY 301 SOUTH HOPE MILLS, NC 28348	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

REVISIONS



-LB-

PI Sta 11+34.86	PI Sta 12+96.61
$\Delta = 5^{\circ} 30' 56.4\"$ (LT)	$\Delta = 22^{\circ} 11' 12.2\"$ (RT)
$D = 28^{\circ} 38' 52.4\"$	$D = 14^{\circ} 19' 26.2\"$
$L = 179.82'$	$L = 154.89'$
$T = 96.50'$	$T = 78.43'$
$R = 200.00'$	$R = 400.00'$

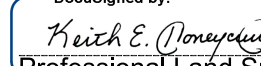
-EY-+ 63.24
50.00' RT.

1
ELIMINATED

2
ELIMINATED

3

I, Keith E. Honeycutt, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from July 12 to July 19, 2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

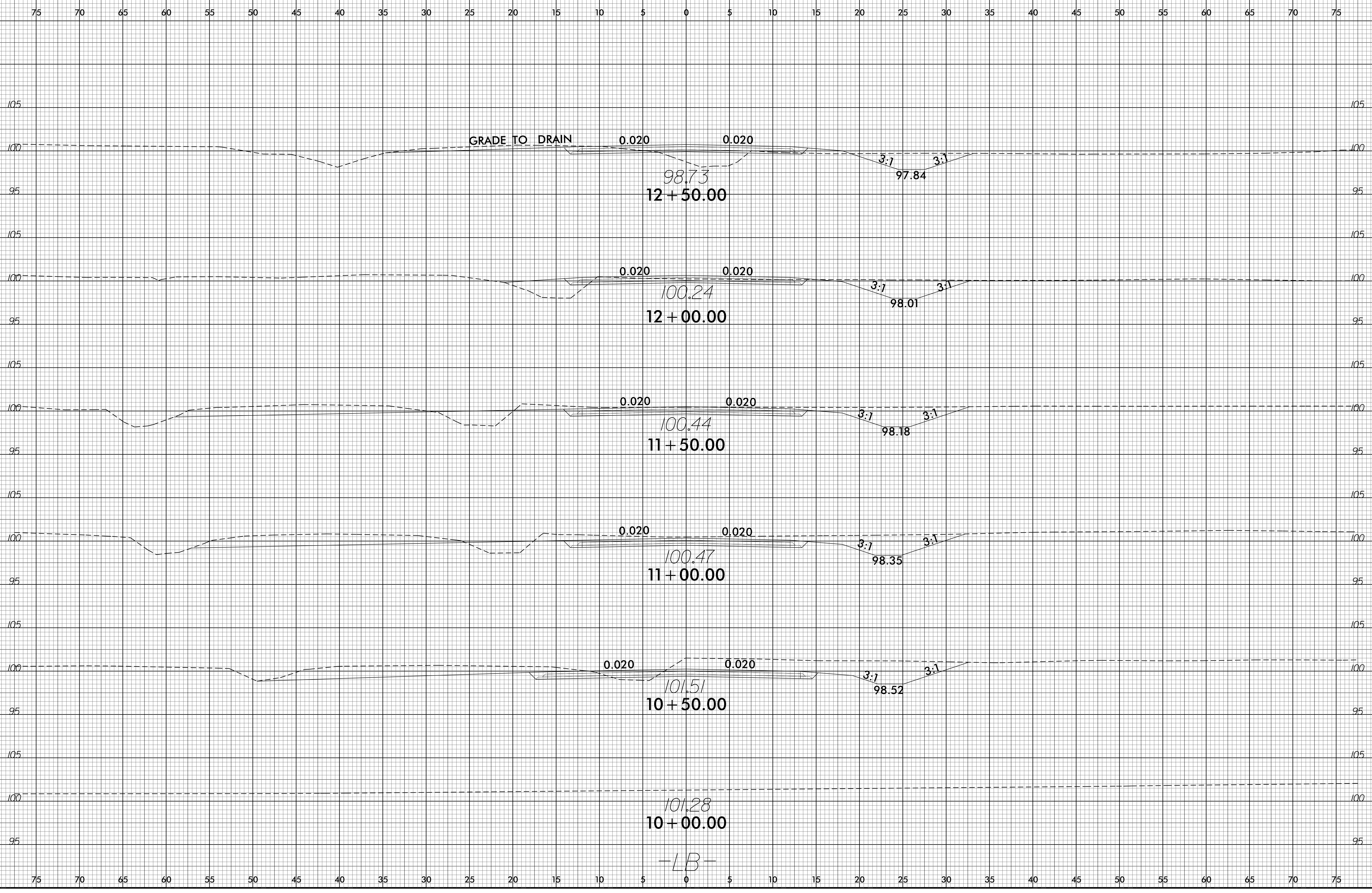
This 19th day of July, 2022.
 Documented by:

 Keith E. Honeycutt
 Professional Land Surveyor L-4169

NOTES:

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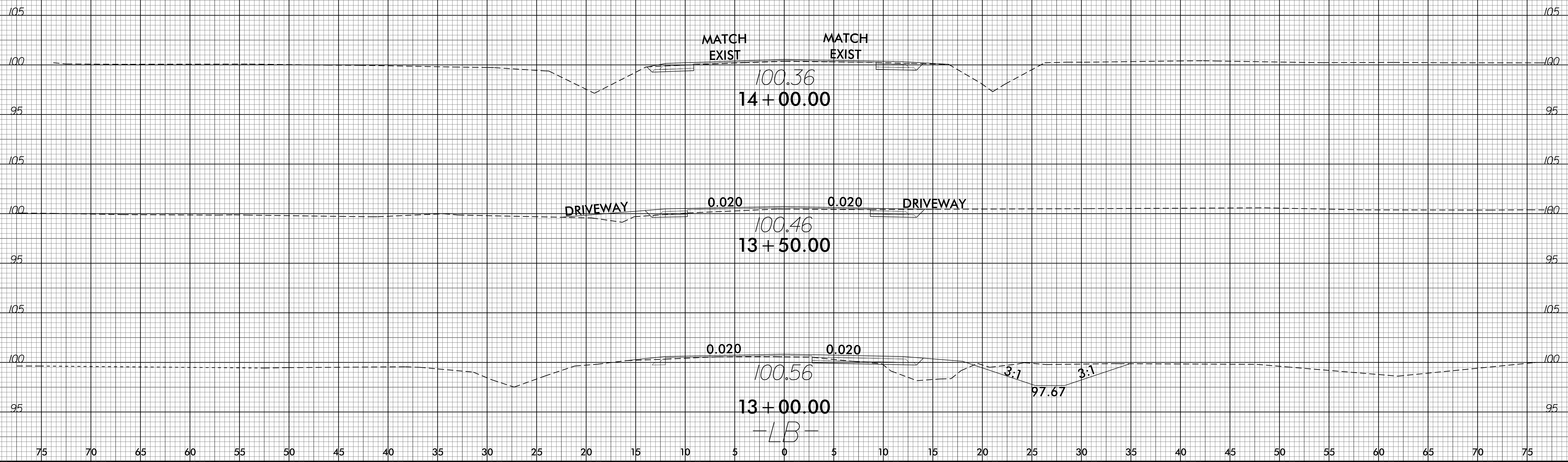
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07-JUL-2022 10:10
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 \$\$\$USERNAME\$\$\$



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