

09/06/99

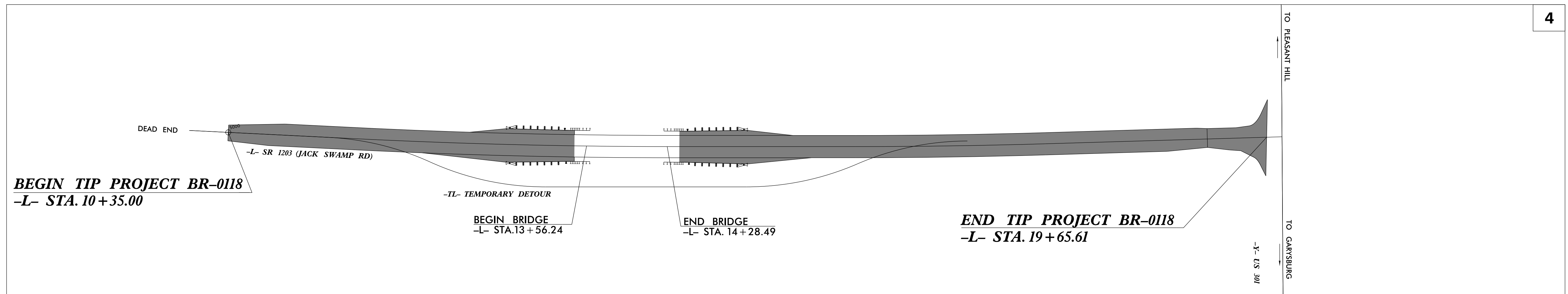
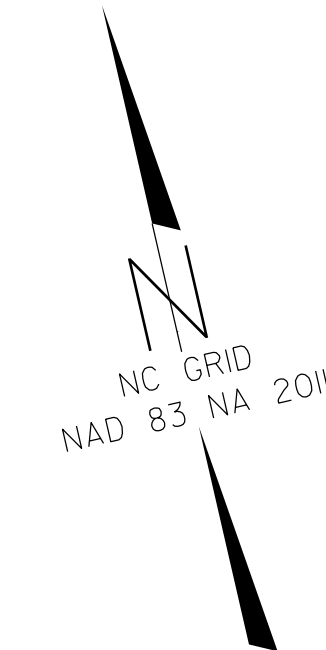
TIP PROJECT: BR-0118

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR-0118	RW01	08

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

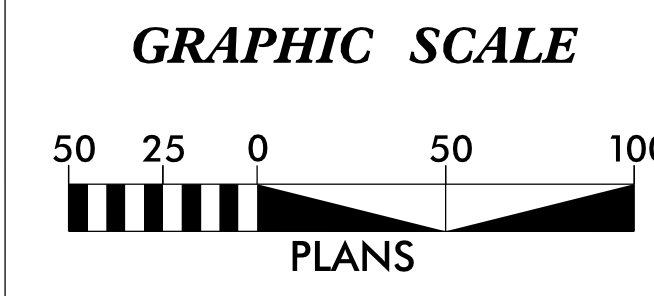
SURVEY CONTROL, EXISTING CENTERLINES,
 RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

NORTHAMPTON COUNTY



4

\$\$\$\$\$ SYSTEM \$\$\$\$\$\$
\$\$\$\$\$ DDN \$\$\$\$\$\$
\$\$\$\$\$ USERNAME \$\$\$\$\$\$



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "650093-1" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 1010448.3840(ft) EASTING: 2429157.3590(ft) ELEVATION: 92.13(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.000117795

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "650093-1" TO -L- STATION 10+35.00 IS S 57°56'32.68" W 1348.65(ft)

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

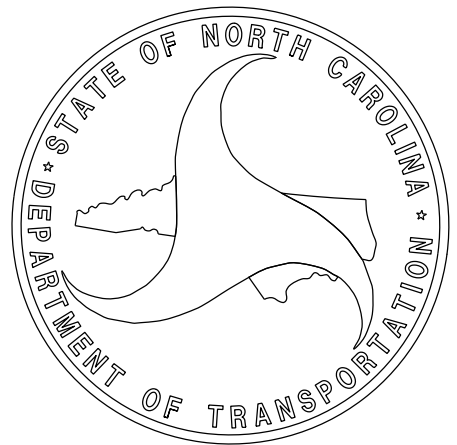
Prepared in the Office of:
 LOCATION & SURVEYS
 DIVISION 1 FIELD OFFICE
 1300 US HWY 64W
 PLYMOUTH, NC 27962

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JANUARY 8, 2020

LETTING DATE:
MAY 19, 2020

PROFESSIONAL LAND SURVEYOR

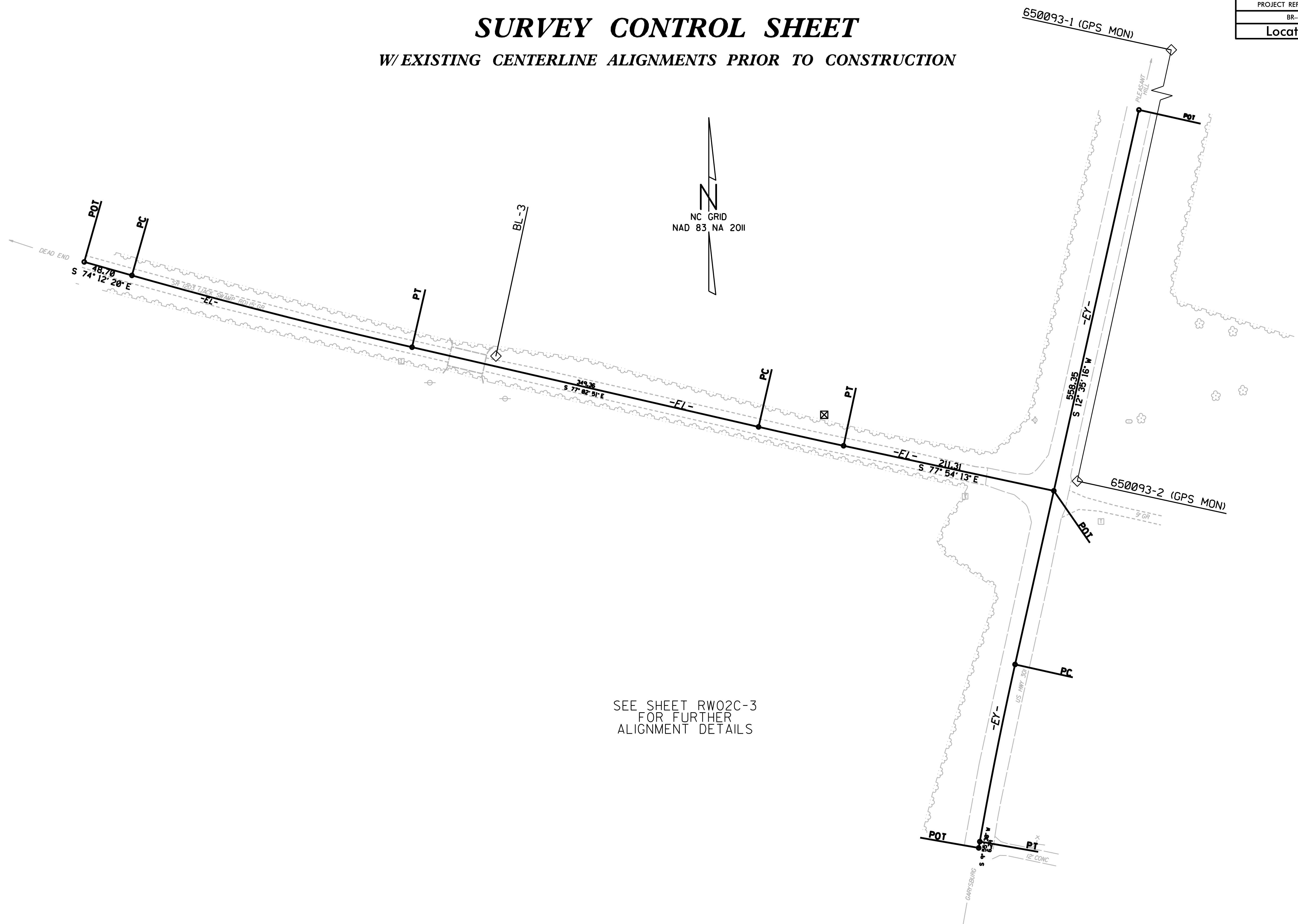


DocuSigned by:
 Linwood T. Downs III
 SIGNATURE: _____

Date: _____

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



SEE SHEET RW02C-3 FOR FURTHER ALIGNMENT DETAILS

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

PROJECT REFERENCE NO.	SHEET NO.
BR-0118	RW02C-2
Location and Surveys	

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BL	POINT	DESC.	NORTH	EAST	ELEVATION
6500931	650093-1	GPS MO	1010448.3840	2429157.3590	92.13
6500932	650093-2	GPS MO	1009526.7180	2428956.4890	101.78
BL3		BL-3	1009649.5510	2428385.1730	96.05

 BM10 ELEVATION - 98.40
 N 1009592 E 2428708
 R/R SPIKE 24" PINE

REVISIONS

 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.

NOTES:

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PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. BR-0118	SHEET NO. RW02D-1
Location and Surveys	

REVISIONS

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	1009742.084	2427980.677							
LINE			S 74°12'20.1" E	149.54					
PC	1009701.382	2428124.570							
CURVE			S 75°37'35.8" E	284.18	02°50'31.4"(LT)	01°00'00.0"	284.21	142.13	5729.58
PT	1009630.838	2428399.851							
LINE			S 77°02'51.5" E	163.78					
PC	1009594.127	2428559.468							
CURVE			S 77°53'46.2" E	169.70	01°41'49.4"(LT)	01°00'00.0"	169.71	84.86	5729.58
PT	1009558.544	2428725.394							
LINE			S 78°44'40.8" E	212.14					
POT	1009517.138	2428933.454							

NOTES:

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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.

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
BR-0118	RW03E-1

Location and Surveys

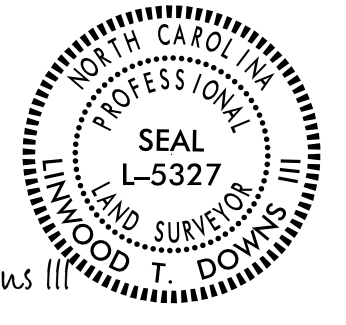
I, LINWOOD T. DOWNS III, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, Planimetrics, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in 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 4th day of March, 2020.

PROJECT SURVEYOR



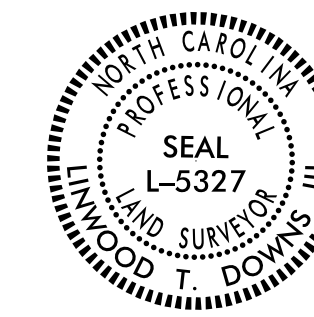
DocuSigned by:
Linwood T. Downs III
645921102432489

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

DocuSigned by:
Linwood T. Downs III
645921102432489

Professional Land Surveyor

L-5327
PLS #



ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	10+35.00	-30.00	1009761.4251	2428022.5212
L	10+35.00	30.00	1009703.6904	2428006.1900
L	10+35.00	-17.00	1009748.9159	2428018.9827
L	10+35.00	15.00	1009718.1241	2428010.2728
L	19+50.00	-30.00	1009552.2943	2428910.5012
L	19+50.00	30.00	1009493.4483	2428998.7903

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.

REVISIONS

PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO. BR-0118	SHEET NO. RW03E-2
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Location and Surveys

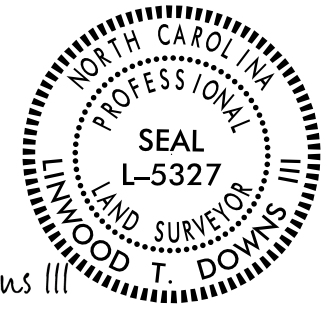
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Witness my original signature, registration number and seal this 4th day of March, 2020.

PROJECT SURVEYOR



DocuSigned by:
Linwood T. Downs III
8A5921122432489

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

DocuSigned by:
Linwood T. Downs III
8A5921122432489

----- L-5327
Professional Land Surveyor PLS #



ROW MARKER PERMANENT EASEMENT - E

ALIGN	STATION	OFFSET	NORTH	EAST
L	13+10.00	-40.00	1009698.6537	2428289.3695
L	13+10.00	-30.00	1009688.9588	2428286.9182
L	13+20.00	30.00	1009628.3338	2428281.9579
L	13+20.00	42.00	1009616.6948	2428279.0366
L	13+68.00	42.00	1009605.1204	2428325.9825
L	13+68.00	30.00	1009616.7835	2428328.8063
L	14+15.00	30.00	1009605.8545	2428374.7708
L	14+15.00	40.00	1009596.1164	2428372.4975
L	14+64.00	40.00	1009585.0740	2428420.3714
L	14+64.00	30.00	1009594.8196	2428422.6128
L	15+05.00	-30.00	1009644.1032	2428476.0181
L	15+05.00	-40.00	1009653.8488	2428478.2595

NOTES:

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

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
BR-0118	RW04
Location and Surveys	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, LINWOOD T. DOWNS III, 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) (Base map Compilation, Planimetrics, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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-L-

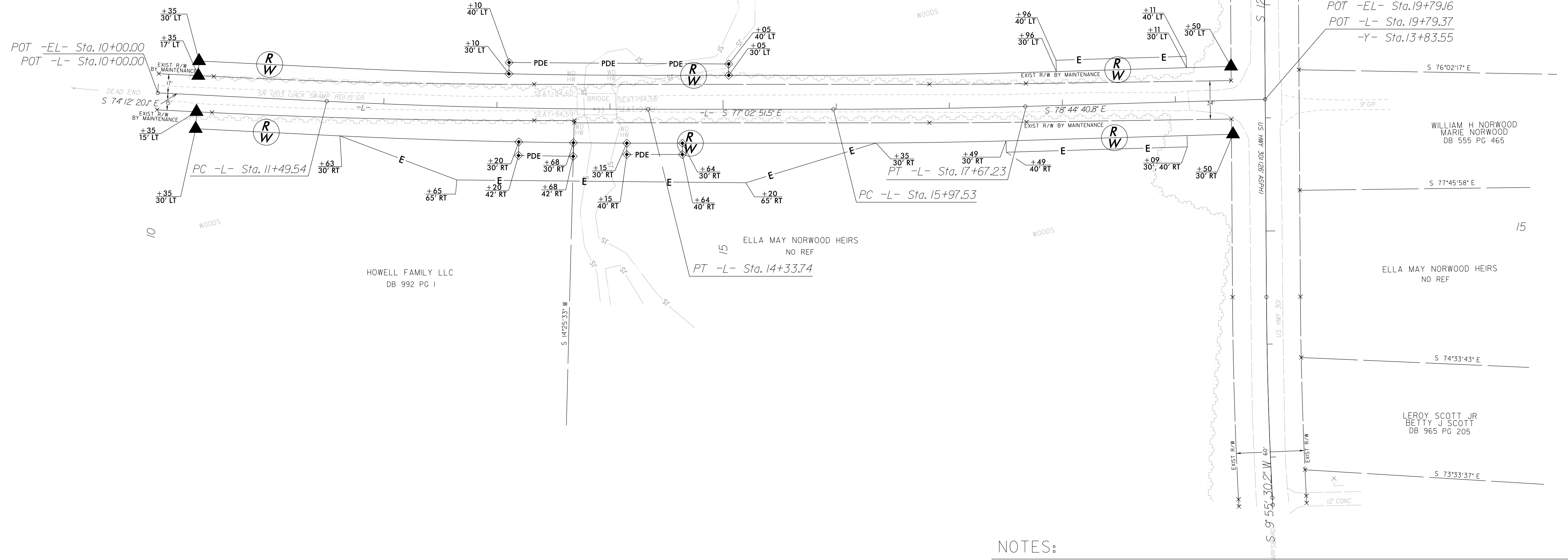
PI Sta 12+91.67	PI Sta 16+82.39
$\Delta = 2^{\circ}50'31.4"$ (LT)	$\Delta = 1^{\circ}41'49.4"$ (LT)
$D = 1^{\circ}00'00.0"$	$D = 1^{\circ}00'00.0"$
$L = 284.21'$	$L = 169.71'$
$T = 142.13'$	$T = 84.86'$
$R = 5,729.58'$	$R = 5,729.58'$
$e = NC$	$e = NC$



DocuSigned by:
Linwood T. Downs III
 Professional Land Surveyor
 L-5327
 PLS #



REVISIONS



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IS:\MAR-2020_09-22\Projects\NorthamptonCo\BR-0118\Control Sheets\RW and Title-Sheets\BR0118_1s_rw04.dgn
 6/2/19 10:55 AM
 L.T.Downs