

**This electronic collection of documents is provided
for the convenience of the user
and is Not a Certified Document –**

**The documents contained herein were originally issued
and sealed by the individuals whose names and license
numbers appear on each page, on the dates appearing
with their signature on that page.**

**This file or an individual page
shall not be considered a certified document.**

09/08/19

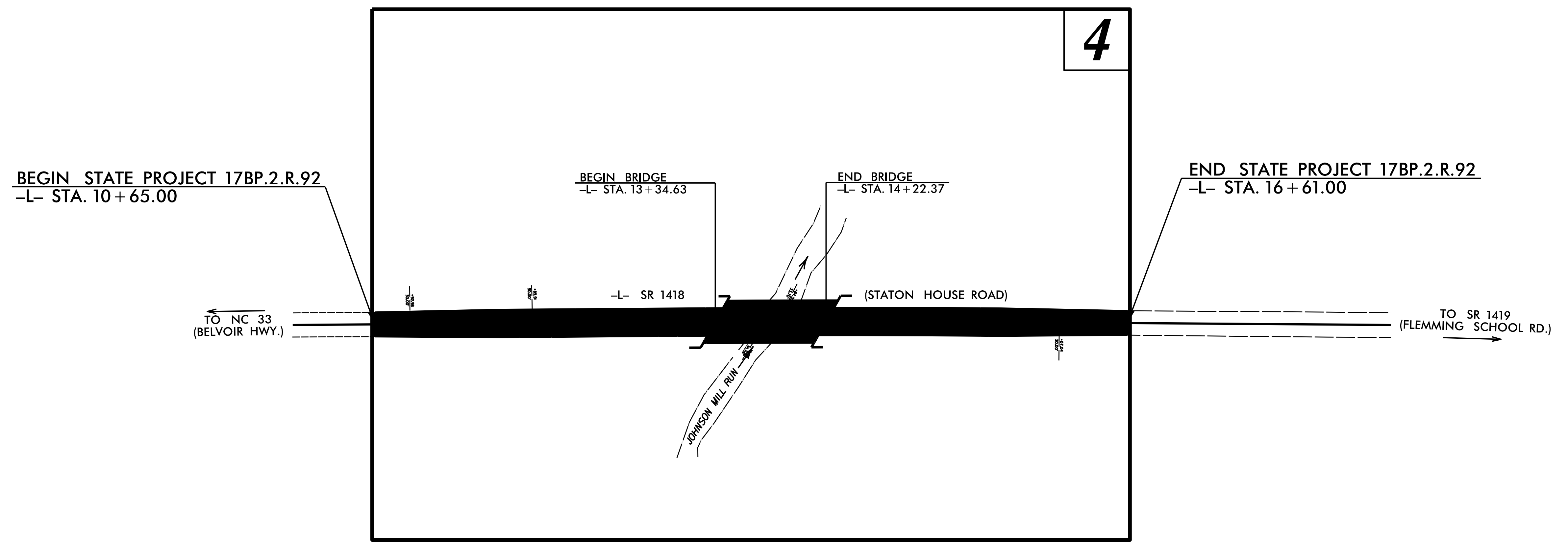
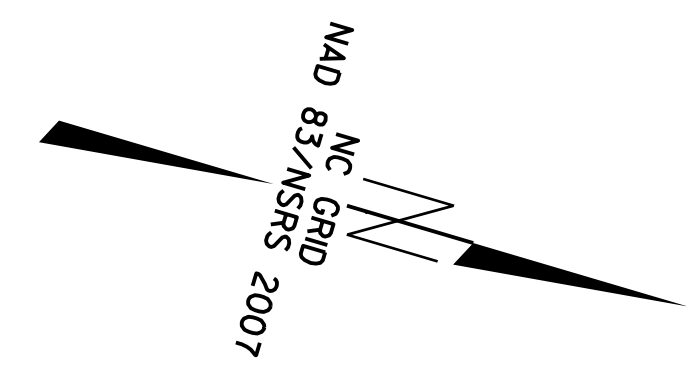
TIP PROJECT: 17BP.2.R.92

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	17BP.2.R.92	RW01	6

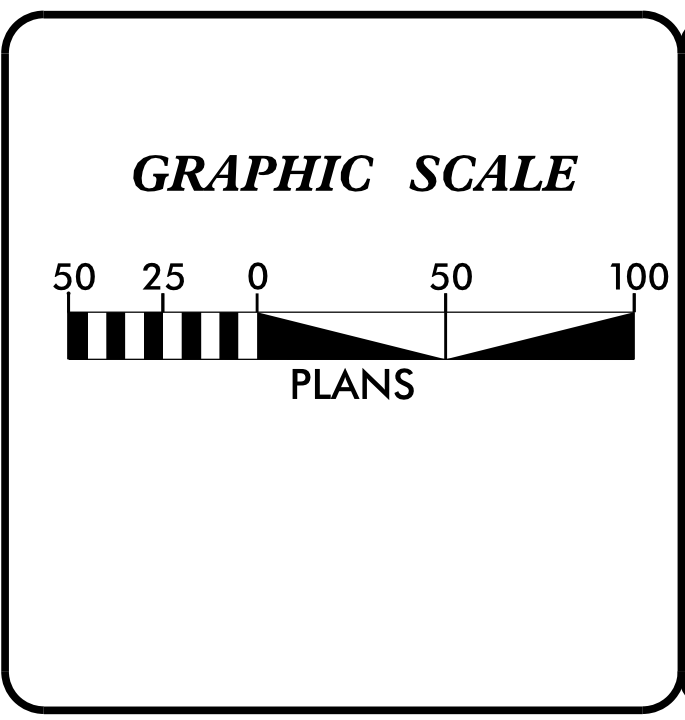
STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

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

PITT COUNTY



\$\$\$\$\$ 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 "B4788-1" WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 697,049.7100(ft) EASTING: 2,474,432.0680(ft) ELEVATION: 28.90(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999901645

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B4788-1" TO -L- STATION 10+65.00 IS N 18°51'16.88" W 461.95(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

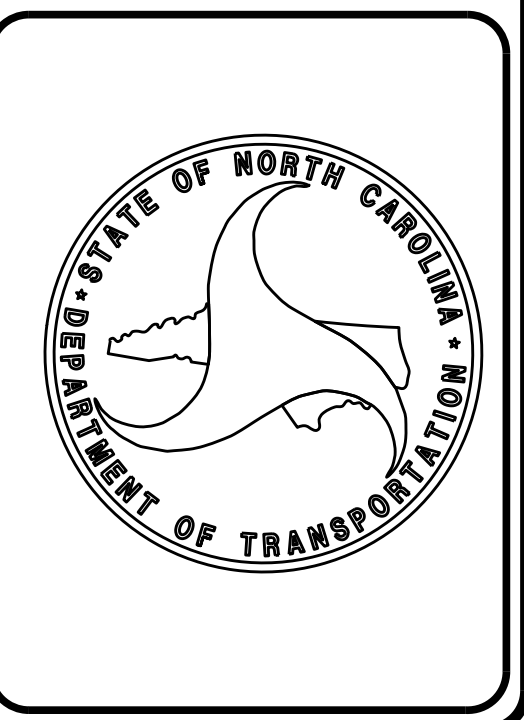
RIGHT OF WAY DATE: OCTOBER 9, 2019	LETTING DATE: MARCH 17, 2020
--	--

PROFESSIONAL LAND SURVEYOR

DocuSigned by:
 Jimmy Liverman, Jr.
 CFE2A801718E1430

12/2/2019

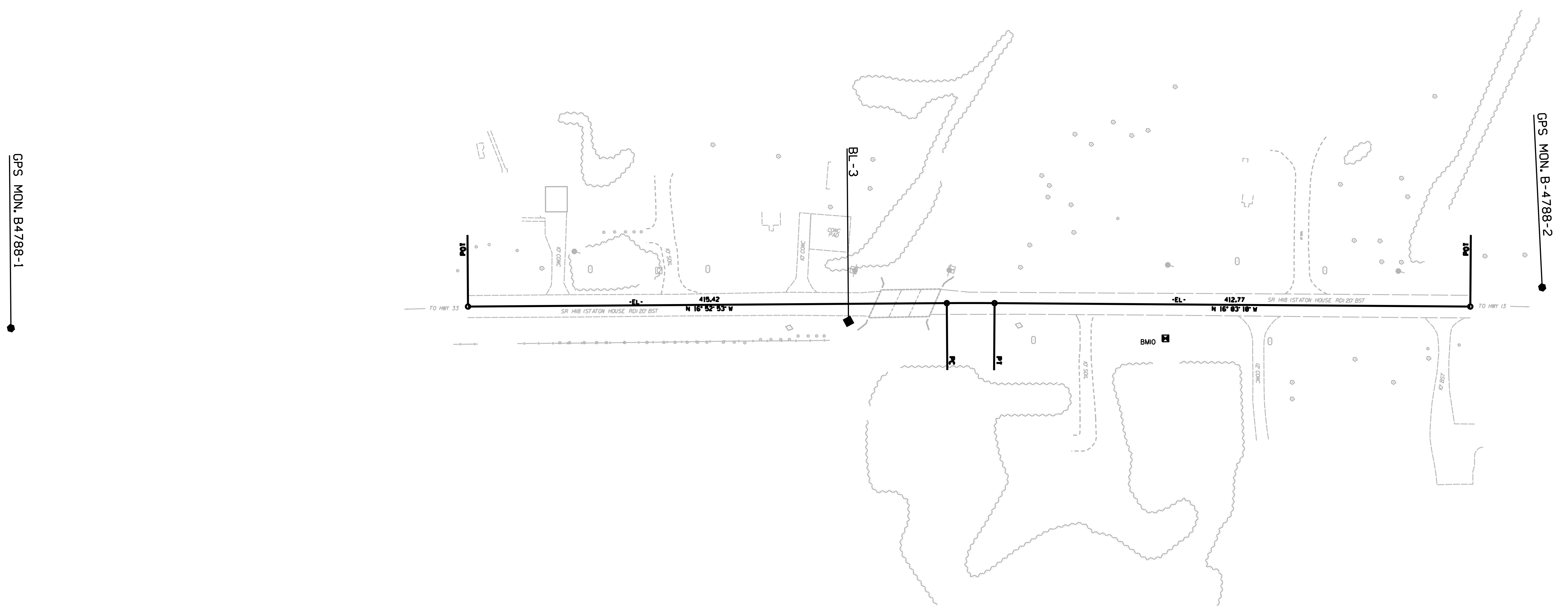
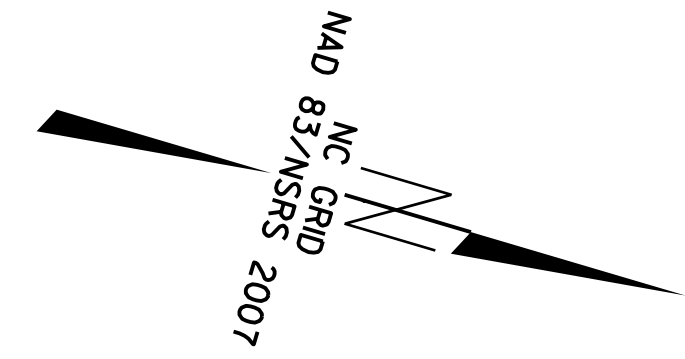
DATE: _____



PROJECT REFERENCE NO.	SHEET NO.
17BP.2.R.92	RW02C-1
Location and Surveys	

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



GPS MON. B4788-1

GPS MON. B-4788-2

SEE SHEET RW02C-2
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.

PROJECT REFERENCE NO.	SHEET NO.
17BP.2.R.92	RW02C-2
Location and Surveys	

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

REVISIONS

BL	POINT	DESC.	NORTH	EAST	ELEVATION
B47881		B-4788-1	697049.7100	2474432.0680	28.90
BL3		BL-3	697744.8670	2474220.3600	25.87
B47882		B-4788-2	698313.7040	2474021.5310	30.86

.....
 BM10 ELEVATION = 31.09
 N 698013 E 2474157
 RRSPIKE

EL		N	E	BEARING	DIST	DELTA	D	L	T	R
POT		697424.678	2474301.655							
LINE				N 16°52'53.2" W	415.42					
PC		697822.193	2474181.021							
CURVE				N 16°28'01.4" W	41.44	00°49'43.5"(RT)	02°00'00.0"	41.44	20.72	2864.79
PT		697861.929	2474169.275							
LINE				N 16°03'09.7" W	412.77					
POT		698258.600	2474055.137							

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.

6/2/19

Location and Surveys

PROJECT SURVEYOR

DocuSigned by:
Jimmy Liverman, Jr.
C782A59719E7430

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, Jimmy E. Liverman Jr., 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, 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).

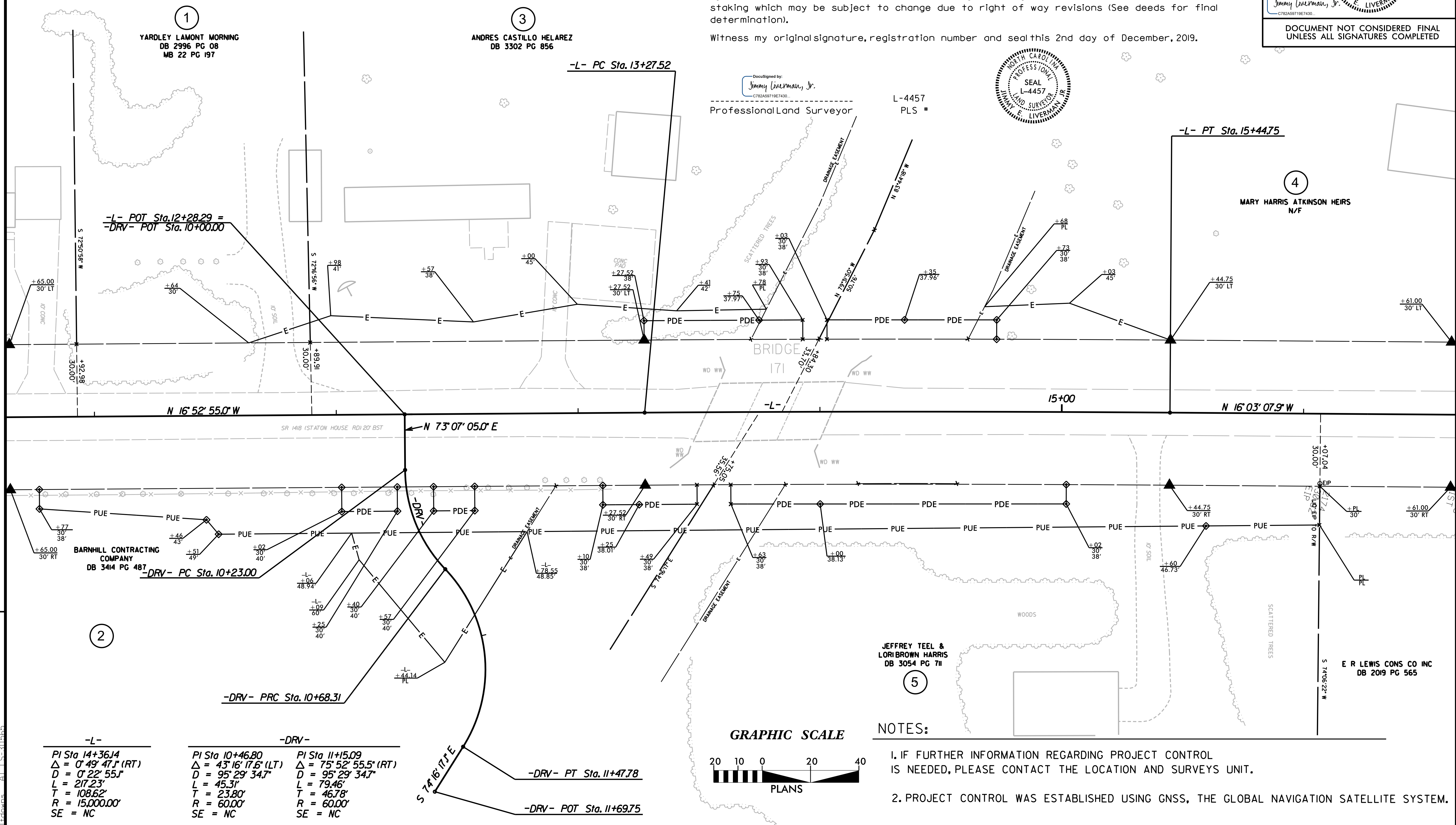
Witness my original signature, registration number and seal this 2nd day of December, 2019.

DocuSigned by:
Jimmy Liverman, Jr.
C782A59719E7430

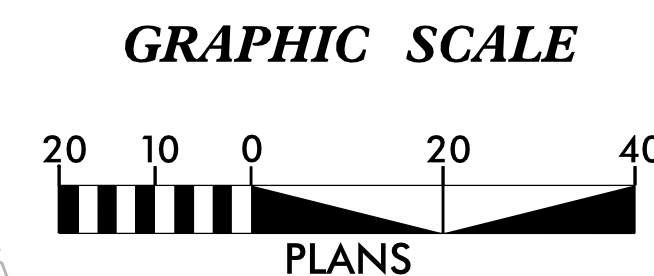
Professional Land Surveyor



REVISIONS



-L-	-DRV-	-DRV-
PI Sta 14+36.14	PI Sta 10+46.80	PI Sta 11+15.09
$\Delta = 0^\circ 49' 47.1''$ (RT)	$\Delta = 43^\circ 16' 17.6''$ (LT)	$\Delta = 75^\circ 52' 55.5''$ (RT)
$D = 0^\circ 22' 55.1''$	$D = 95^\circ 29' 34.7''$	$D = 95^\circ 29' 34.7''$
$L = 217.23'$	$L = 45.31'$	$L = 79.46'$
$T = 108.62'$	$T = 23.80'$	$T = 46.78'$
$R = 15,000.00'$	$R = 60.00'$	$R = 60.00'$
SE = NC	SE = NC	SE = NC



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.

02-D:\P\2019\1782-2.R.92\CONTROL_Sheets\FW and Title-Sheets\B-4788.L.S.RW04.dgn
 12/2/2019 10:53:15 AM
 1782-2.R.92