

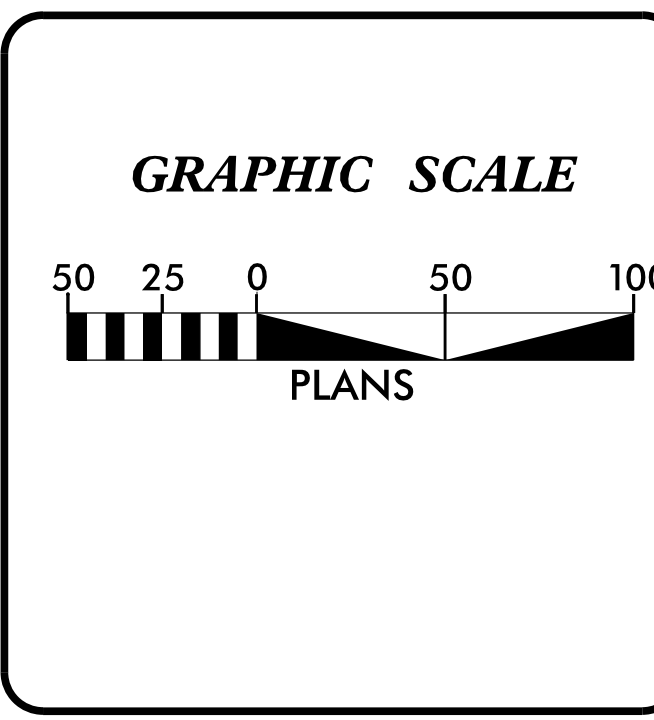
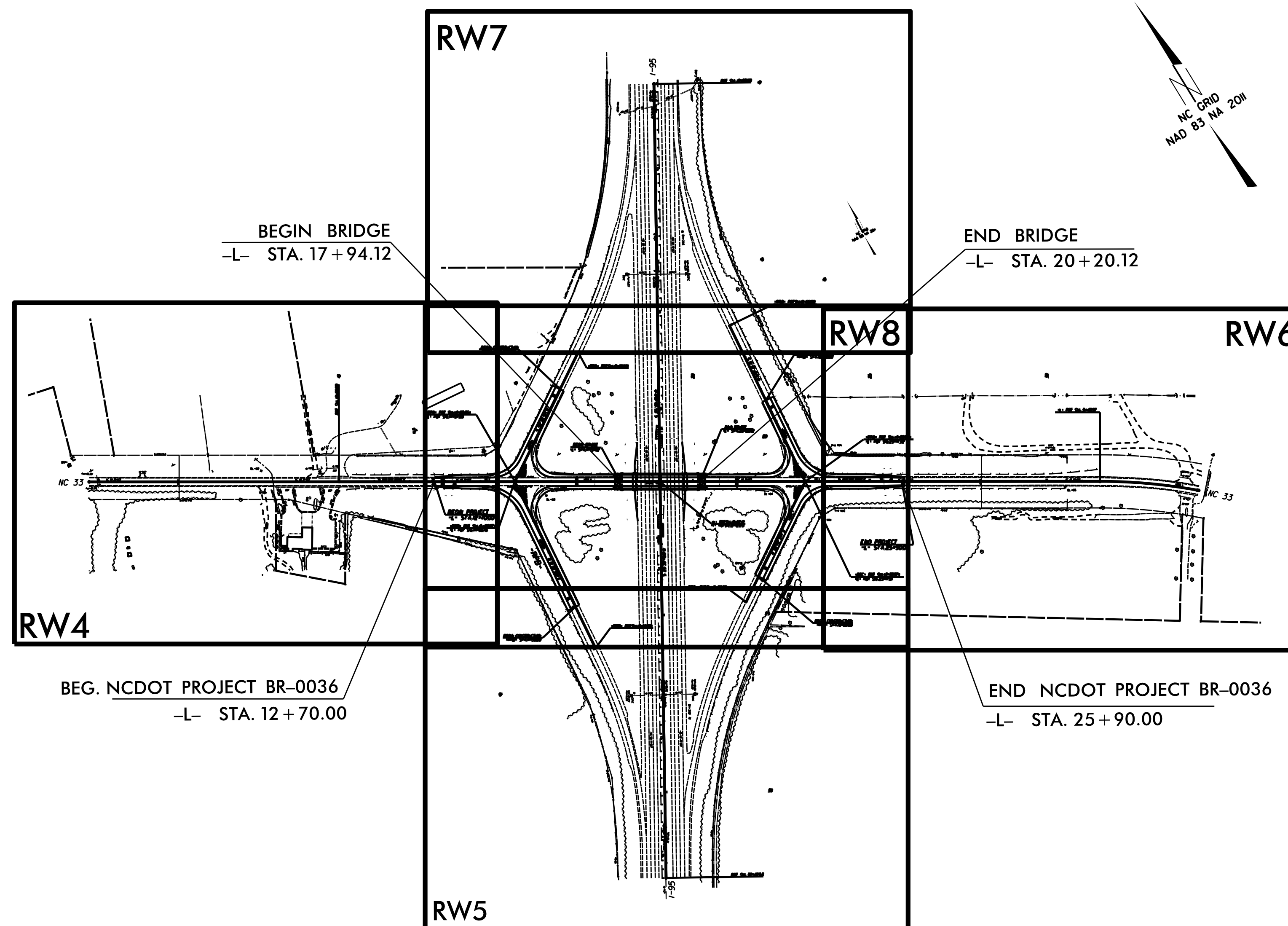
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR0036	RW01	9

TIP PROJECT: BR0036

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

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

NASH COUNTY



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "BR0036-3" WITH NAD 83/NSRS 2011 STATE PLANE GRID COORDINATES OF NORTHING: 866101.838(ft) EASTING: 2357442.801(ft) ELEVATION: 126.965(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999988248

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "BR0036-3" TO -L- STATION 10+00.00 IS N 59°21'33" W 2935.817(ft)

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88 / GEOID G12NC

Prepared in the Office of:

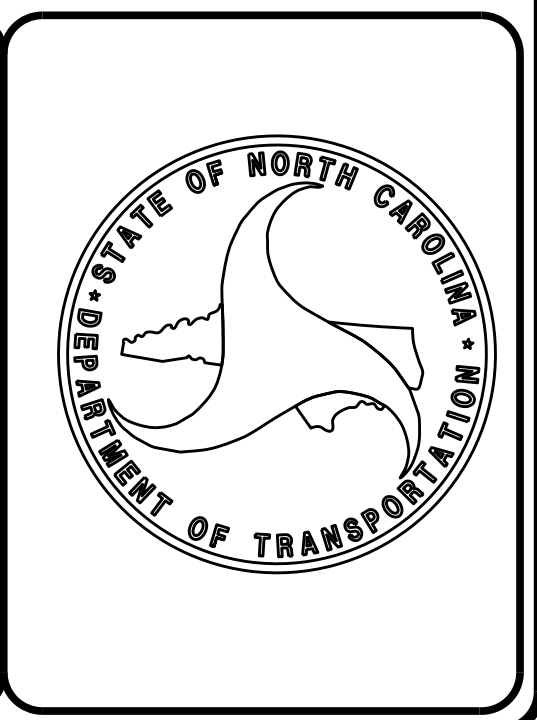
HAWKEYE GEOMATICS, PC
 135.5 MAIN STREET
 OXFORD, NC 27565

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:	LETTING DATE:
_____	_____

PROFESSIONAL LAND SURVEYOR

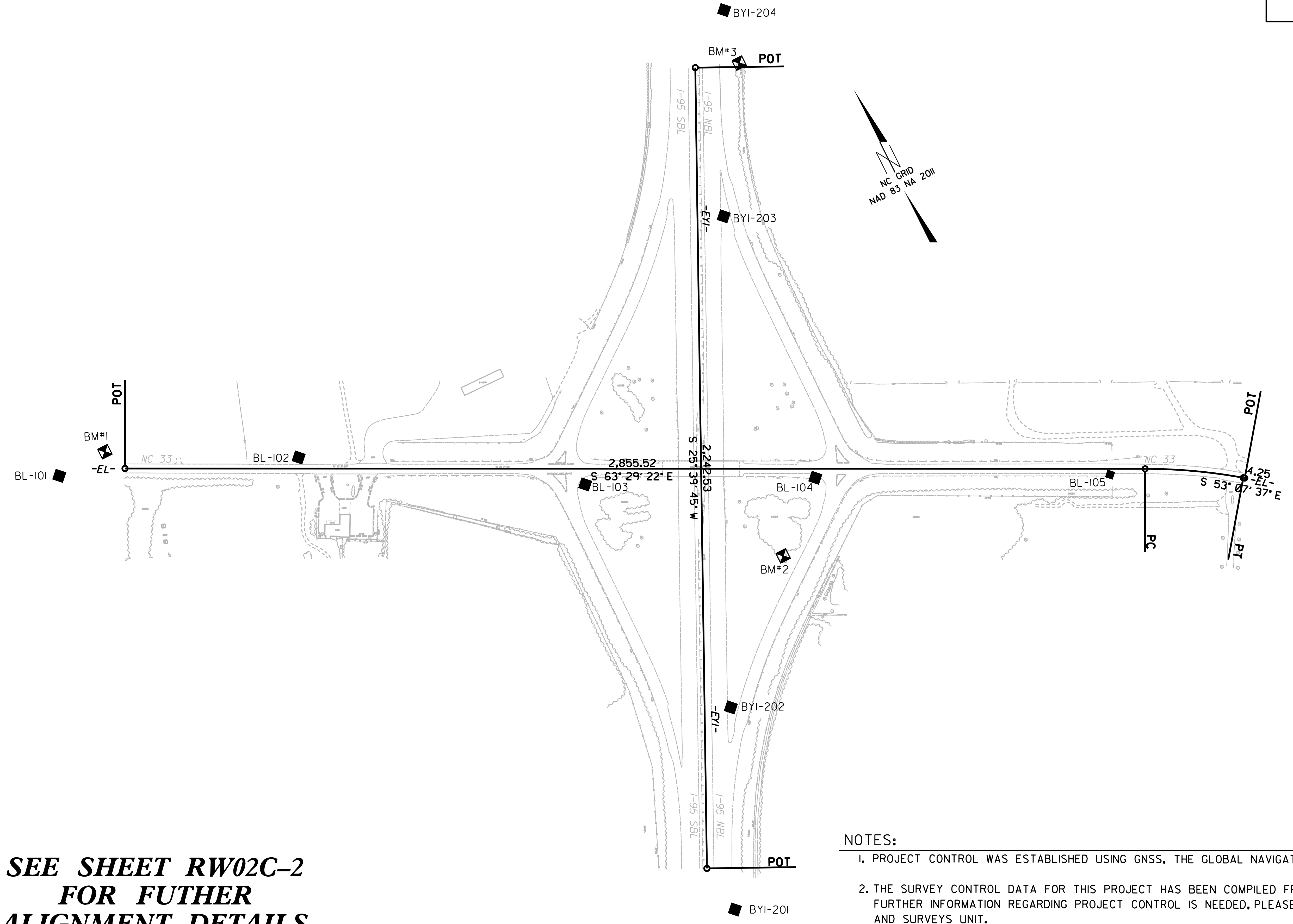
DocuSigned by:
 Aaron Perkinson
 1/24/2020
 SIGNATURE: _____ Date: _____



\$\$\$\$\$ SYSTEM \$\$\$\$\$\$
 \$\$\$ DDN \$\$\$
 \$\$\$ USER NAME \$\$\$

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



**SEE SHEET RW02C-2
FOR FUTHER
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.

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 14 JAN 2020 18:53
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SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



BL	POINT	DESC.	NORTH	EAST	ELEVATION
	101	BR0036 BL-101	867976.6770	2354111.5780	136.72
	102	BR0036 BL-102	867723.7390	2354734.2170	135.16
	103	BR0036 BL-103	867301.2850	2355423.5490	151.10
	104	BR0036 BL-104	867027.0940	2356004.4570	152.01
	105	BR0036 BL-105	866667.6420	2356745.7380	130.86
	3	BR0036-3	866101.8380	2357442.8010	126.97

 BM1 ELEVATION = 138.13
 N 867980 E 2354256
 BL STATION 6+33.00 58 LEFT
 BENCHNAIL IN BASE OF 36" PINE

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
	204	BR0036 BY1-204	868313.6900	2356359.1620	134.12
	203	BR0036 BY1-203	867796.3020	2356100.8260	135.27
	202	BR0036 BY1-202	866557.7770	2355504.9010	134.60
	201	BR0036 BY1-201	866046.0260	2355262.4620	134.76

 BM2 ELEVATION = 143.80
 N 866872 E 2355825
 BL STATION 25+27.00 217 RIGHT
 BENCHNAIL IN BASE OF 18" PINE

EL	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
	POT	867913.020	2354285.531							
	LINE			S 63°29'22.0" E	2855.52					
	PC	866638.424	2356840.796							
	CURVE			S 58°18'29.8" E	275.95	10°21'44.5"(RT)	03°45'00.0"	276.33	138.54	1527.89
	PT	866493.452	2357075.601							
	LINE			S 53°07'37.5" E	4.25					
	POT	866490.903	2357079.000							

EY1	POINT	N	E	BEARING	DIST
	POT	868205.536	2356215.022		
	LINE			S 25°39'45.0" W	2242.53
	POT	866184.206	2355243.851		

NOTES:
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PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
BR0036	RW02D-1
Location and Surveys	
HAWKEYE GEOMATICS, PC 135.5 MAN STREET OXFORD, NC 27565	

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	867598.0926	2354916.8863
POT	31+49.97	866638.4243	2356840.7961

RPA

TYPE	STATION	NORTH	EAST
POT	10+00.00	867622.5210	2355684.0238
POT	14+05.66	867376.2136	2355361.7017

RPB

TYPE	STATION	NORTH	EAST
POT	10+00.00	866853.5272	2355355.3491
POT	15+22.87	867376.3577	2355361.4127

RPC

TYPE	STATION	NORTH	EAST
POT	10+00.00	866780.4071	2355794.3595
POT	13+78.97	867010.0077	2356095.8586

RPD

TYPE	STATION	NORTH	EAST
POT	10+00.00	867499.5771	2356101.0683
POT	14+89.52	867010.0909	2356095.6918

Y

TYPE	STATION	NORTH	EAST
POT	10+00.00	868205.5358	2356215.0222
POT	32+42.53	866184.2059	2355243.8506


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.

REVISIONS

6/2/09

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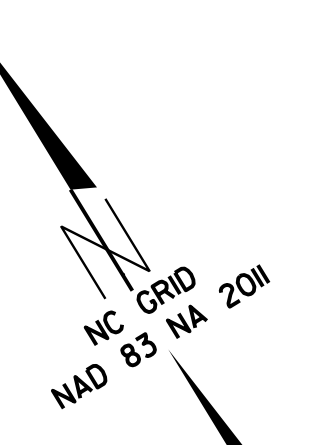
PROJECT REFERENCE NO. BR0036	SHEET NO. RW04
Location and Surveys	
HAWKEYE GEOMATICS, PC 135.5 MAIN STREET OXFORD, NC 27565	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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).

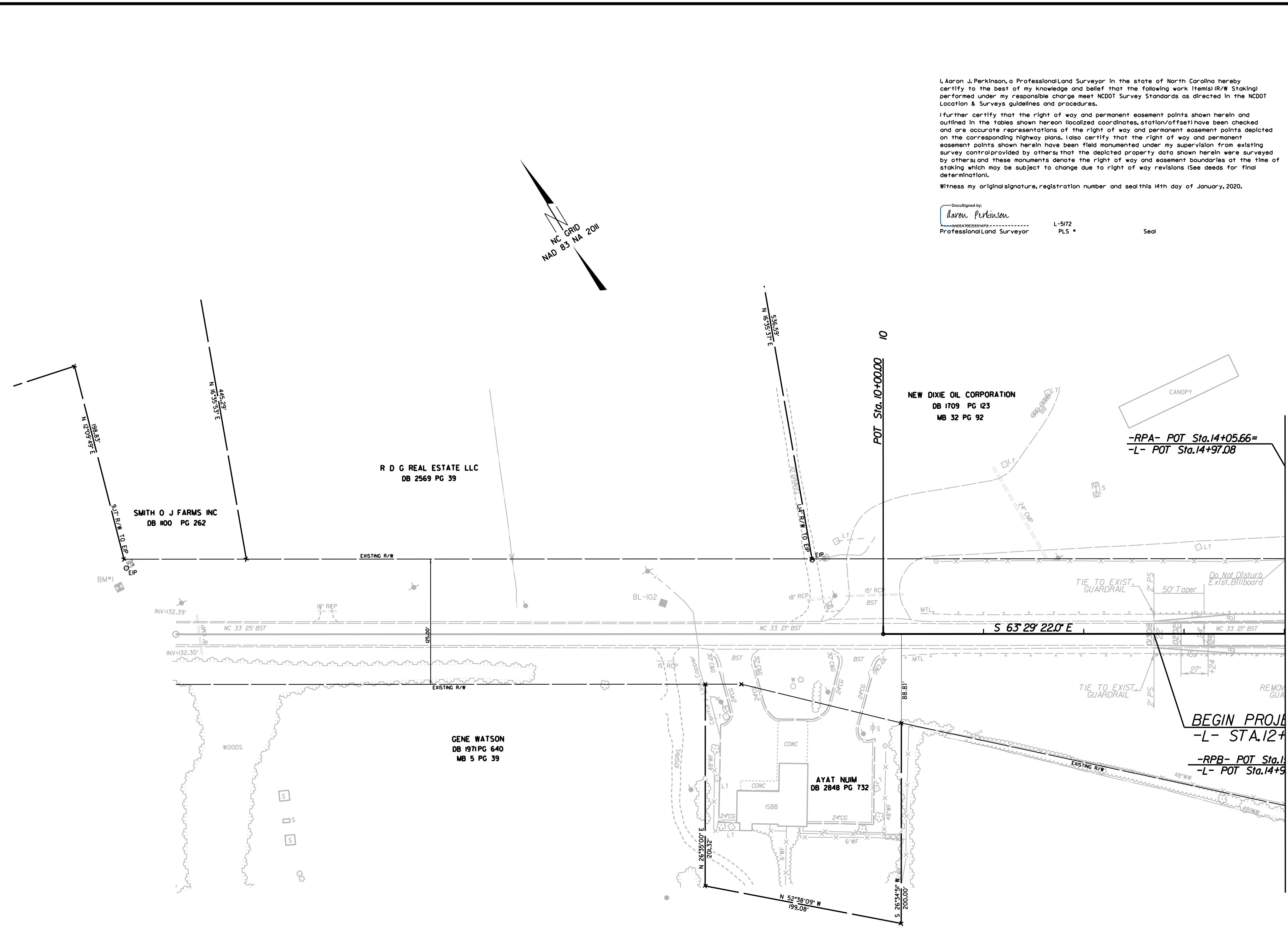
Witness my original signature, registration number and seal this 14th day of January, 2020.

Designed by:
Aaron Perkinson
Professional Land Surveyor L-5172 PLS Seal



REVISIONS

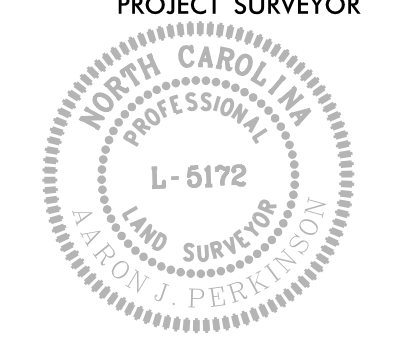
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 01 Perkinson

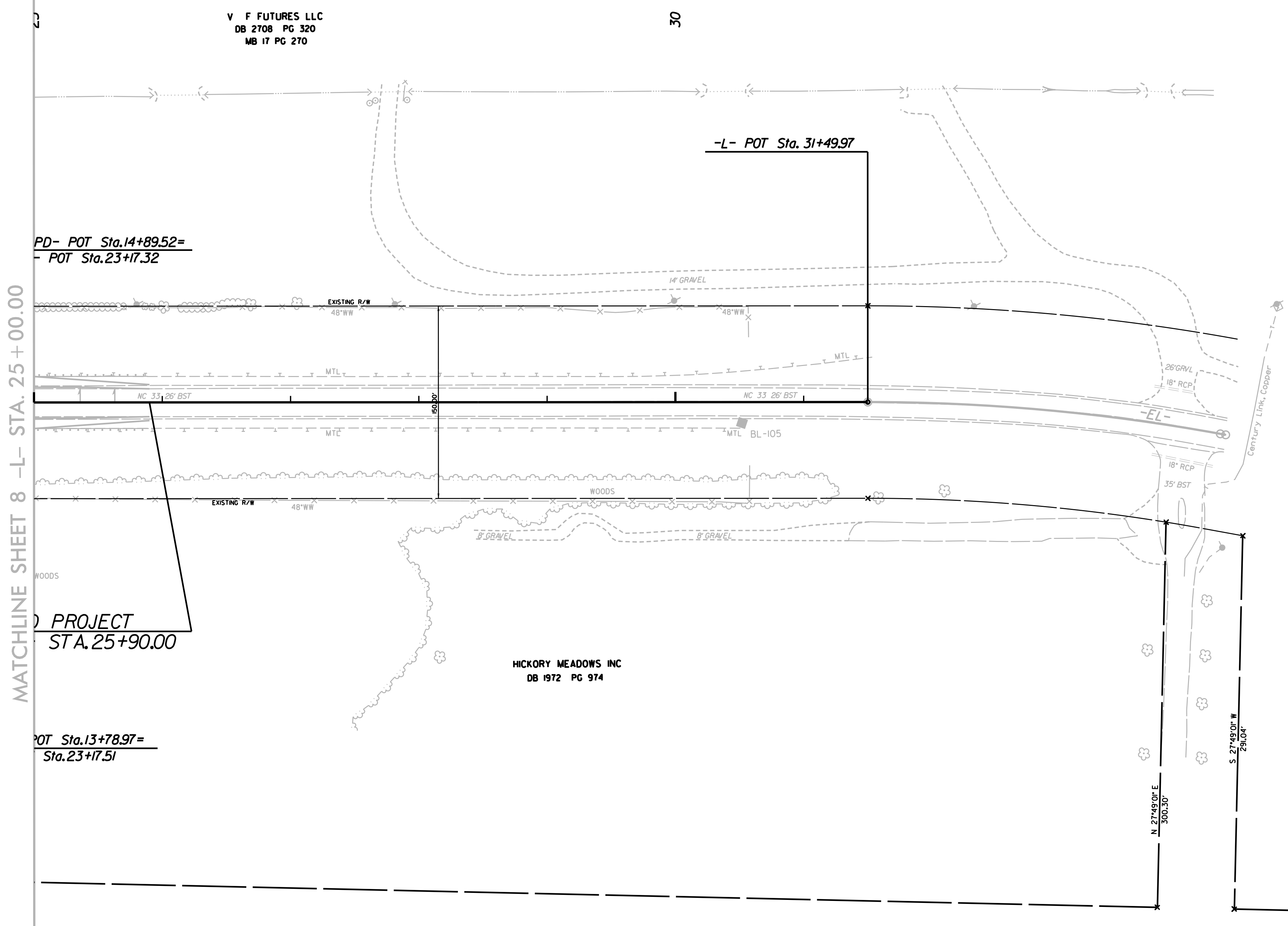
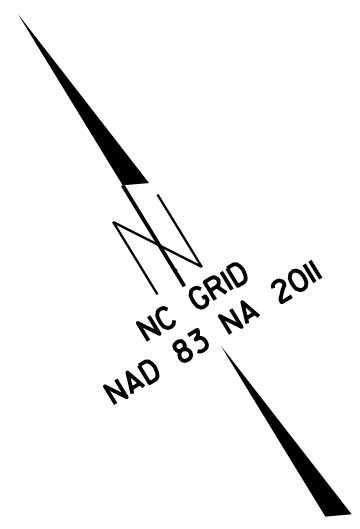


**MATCHLINE STA. 14 + 00.00
(SHEET 8)**

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.

PROJECT REFERENCE NO.	SHEET NO.
BR0036	RW06
Location and Surveys	
HAWKEYE GEOMATICS, PC 135.5 MAIN STREET OXFORD, NC 27565	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



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.

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Witness my original signature, registration number and seal this 14th day of January, 2020.

DocuSigned by:
Aaron Perkinson
 Professional Land Surveyor L-5172
 Seal PLS *

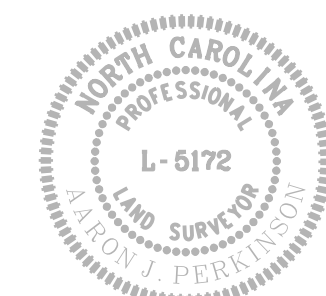
REVISIONS

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NOTES:

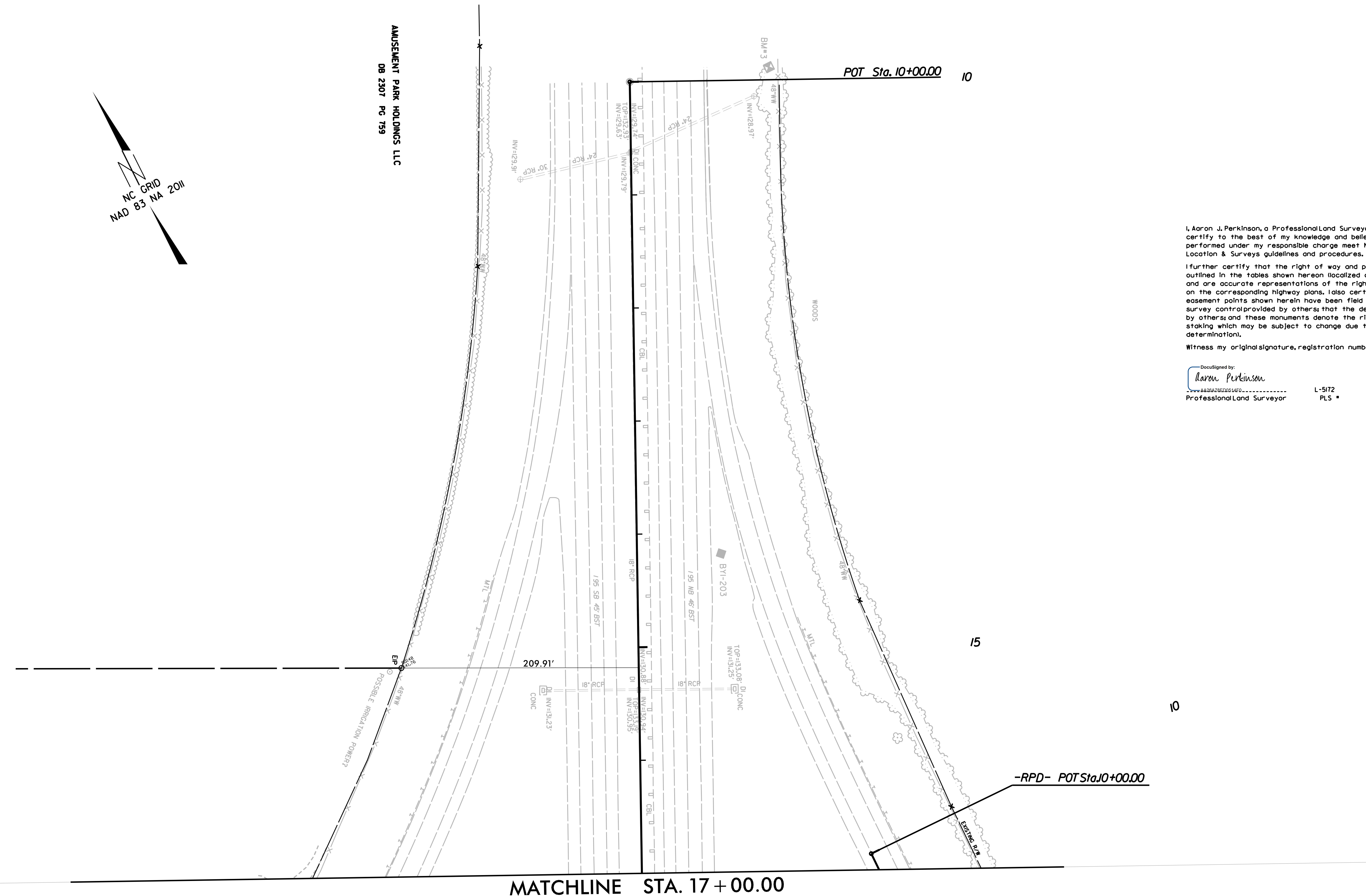
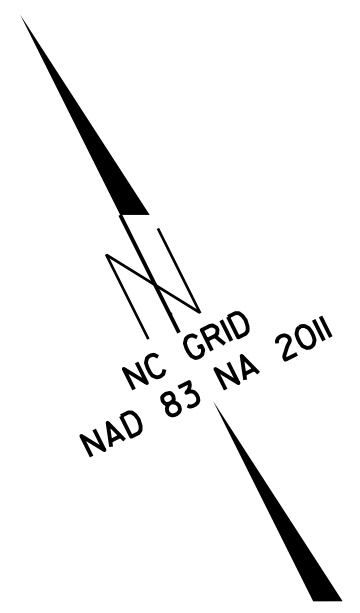
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

6/2/20

PROJECT REFERENCE NO. BR0036	SHEET NO. RW07
Location and Surveys	
HAWKEYE GEOMATICS, PC 135.5 MAIN STREET OXFORD, NC 27565	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

REVISIONS

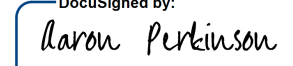
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I, Laron J. Perkinson, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards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

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Witness my original signature, registration number and seal this 14th day of January, 2020.

DocuSigned by:

 L-5172
 Professional Land Surveyor PLS * Seal

MATCHLINE STA. 17+00.00
(SHEET 8)

NOTES:

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

