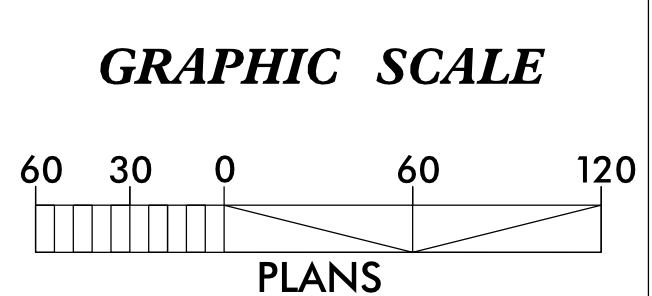
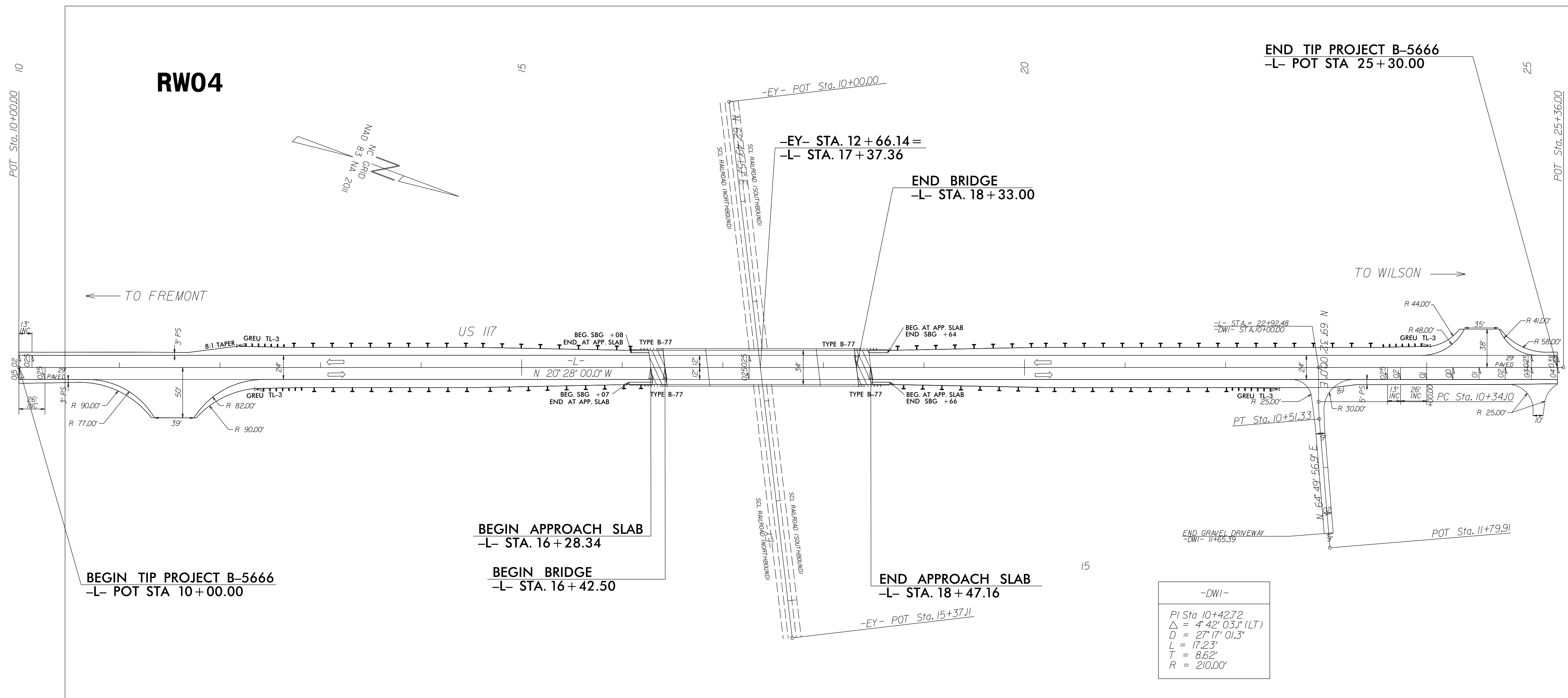


STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5666	RW01	8

**TIP PROJECT: B-5666**

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS  
 SURVEY CONTROL, EXISTING CENTERLINES,  
 RIGHT OF WAY, EASEMENTS AND PROPERTY TIES  
**WILSON COUNTY**

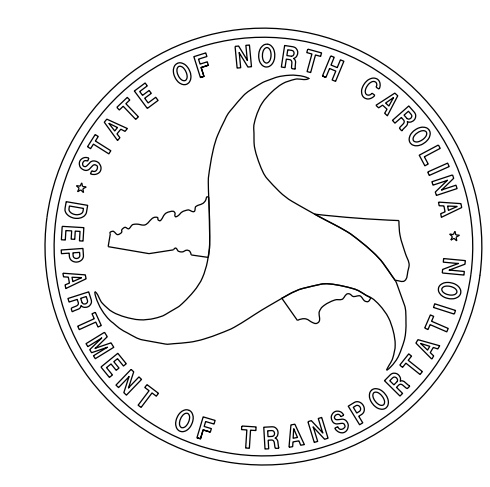


**DATUM DESCRIPTION**  
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "B-5666-2" WITH NAD 83/NA2011 STATE PLANE GRID COORDINATES OF NORTHING: 700,023.172(ft) EASTING: 2,312,927.653(ft) ELEVATION: 129.827(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99989817 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B-5666-2" TO -L- STATION 10+00.00 IS N 82-40'23.0" W 22.02(ft) ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88/GEOID G12NC

Prepared in the Office of:  
**JoynerKeeny, PLLC**  
 1051 N. Winstead Avenue  
 Rocky Mount, NC 27804  
 252-977-3124  
 North Carolina Firm Number P-0551

2018 STANDARD SPECIFICATIONS  
**RIGHT OF WAY DATE:** \_\_\_\_\_ **LETTING DATE:** \_\_\_\_\_

**PROFESSIONAL LAND SURVEYOR**  
 SEAL  
 L-3259  
 STEPHEN R. WOLFE  
 DocuSigned by:  
 Stephen Wolfe  
 3066875F3040446  
 2/20/2020  
 SIGNATURE: \_\_\_\_\_ Date: \_\_\_\_\_

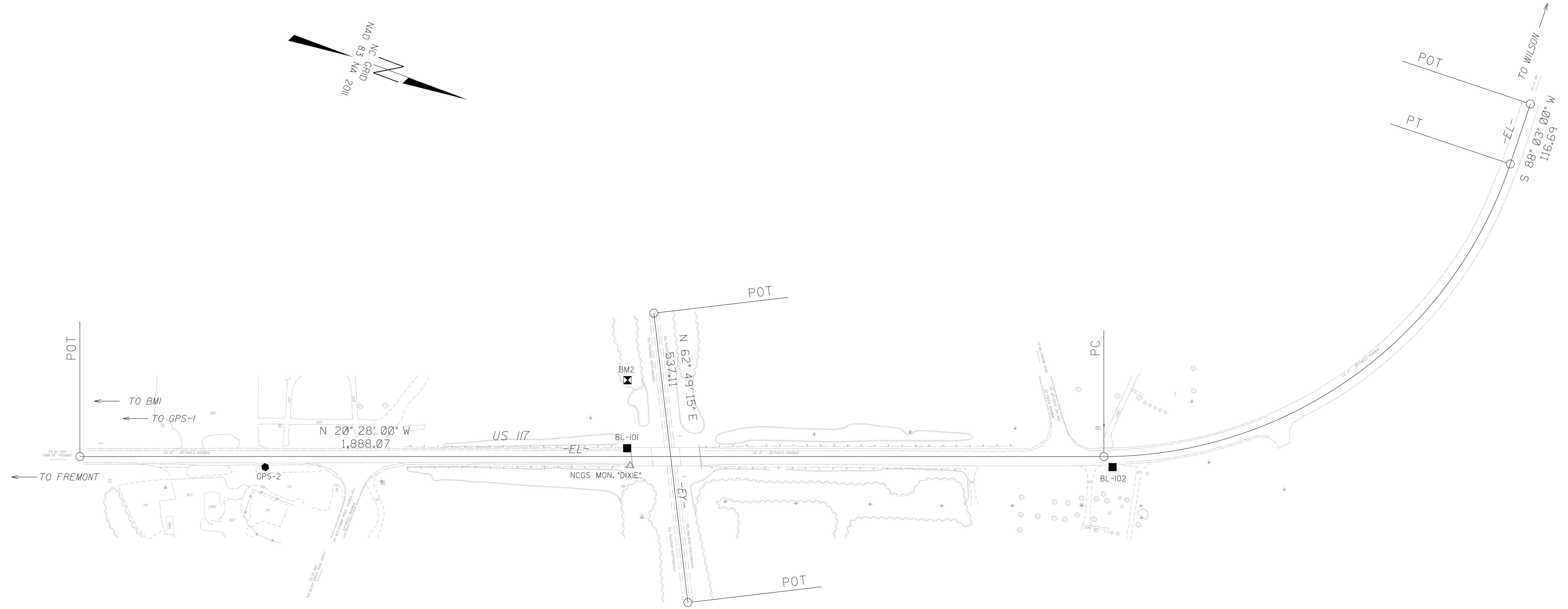


\$\$\$\$\$ SYSTEM TIME\$\$\$\$\$  
 \$\$\$ DDMMYY\$\$\$\$\$  
 \$\$\$ USERNAME\$\$\$\$\$

PROJECT REFERENCE NO.	SHEET NO.
B-5666	RW02C-1
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	

# SURVEY CONTROL SHEET

*W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION*



SEE SHEET RW02C-3  
FOR FURTHER  
ALIGNMENT DETAILS

**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.

PROJECT REFERENCE NO.	SHEET NO.
B-5666	RW02C-2
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	

# SURVEY CONTROL SHEET

## W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BL	POINT	DESC.	NORTH	EAST	ELEVATION
GPS1		GPS-1	699220.7610	2313220.9640	128.31
GPS2		GPS-2	700023.1720	2312927.6530	129.83
BL101		BL-101	700636.2316	2312661.7562	149.18
BL102		BL-102	701486.9142	2312381.3647	126.10

.....  
 BM1      ELEVATION = 125.72  
 N 698849      E 2313353  
 8" NAIL IN BASE OF 40' OAK  
 .....

.....  
 BM2      ELEVATION = 125.69  
 N 700593      E 2312544  
 8" NAIL IN BASE OF 20' ELM  
 .....

REVISIONS

20-FEB-2020 10:01  
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 jmatthews AT JK4-011

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.

# SURVEY CONTROL SHEET

*W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION*

PROJECT REFERENCE NO.	SHEET NO.
B-5666	RW02C-3
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	

EL									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	699696.132	2313028.922							
LINE			N 20°28'00.0" W	1888.07					
PC	701465.021	2312368.734							
CURVE			N 56°12'30.0" W	923.26	71°29'00.0"(LT)	07°15'00.0"	985.98	568.75	790.29
PT	701978.516	2311601.442							
LINE			S 88°03'00.0" W	116.69					
POT	701974.546	2311484.824							

EY				
POINT	N	E	BEARING	DIST
POT	700595.233	2312411.234		
LINE			N 62°49'15.1" E	537.11
POT	700840.572	2312889.041		

REVISIONS

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 jmatthews AT JKA-011

**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.	SHEET NO.
B-5666	RW02D-1
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	700025.9799	2312905.8156
POT	25+36.00	701465.0210	2312368.7342

DW1

TYPE	STATION	NORTH	EAST
POT	10+00.00	701236.8732	2312453.8839
PC	10+34.10	701248.7961	2312485.8298
PT	10+51.33	701255.4757	2312501.7066
POT	11+79.91	701310.1595	2312618.0867

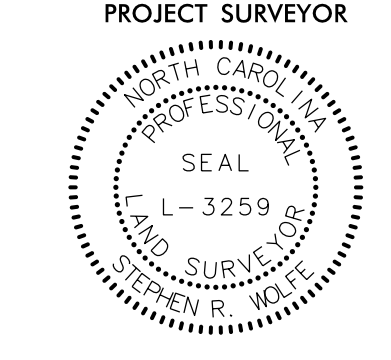
REVISIONS

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 jmatthews AT JK-K-011

### 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.

# RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO. B-5666	SHEET NO. RW03E-1
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	
	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

ROW MARKER IRON PIN AND CAP-E

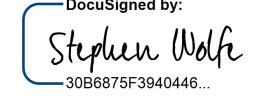
ALIGN	STATION	OFFSET	NORTH	EAST
L	12+27.00	-50.00	700221.1676	2312779.5985
L	12+56.00	50.00	700283.2988	2312863.1475
L	15+90.00	105.00	700615.4511	2312797.8868
L	16+64.00	-123.00	700605.1303	2312558.3767
L	16+90.84	105.00	700709.9268	2312762.6264
L	17+95.91	-115.00	700731.4375	2312519.7751
L	18+23.49	120.00	700839.4514	2312730.2957
L	20+44.00	-124.00	700960.7200	2312424.5955
L	20+60.00	120.00	701061.0277	2312647.5986
L	20+63.00	110.00	701060.3417	2312637.1808
L	22+40.00	74.00	701213.5808	2312541.5631
L	23+15.00	74.00	701283.8465	2312515.3384
L	23+33.00	-73.06	701249.2905	2312371.2716
L	23+79.05	39.57	701331.8140	2312460.6860

I, Stephen R. Wolfe, 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 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 18th day of February, 2020.

DocuSigned by:  
  
 3026875F3940446...  
 L-3259  
 Professional Land Surveyor PLS. # Seal

2/20/2020

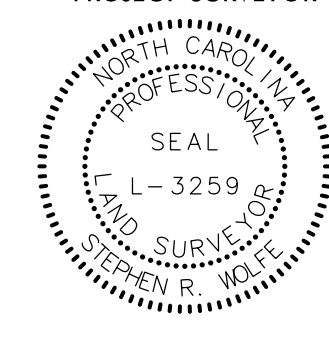
REVISIONS

19-FEB-2020 08:24  
2-17-2020 08:24  
AT JKH-011  
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**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.

# PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
B-5666	RW03E-1
<b>Location and Surveys</b>	
JoynerKeeny, PLLC 1051 N. Winstead Avenue Rocky Mount, NC 27804 252-977-3124 North Carolina Firm Number P-0551	
PROJECT SURVEYOR 	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

ROW MARKER PERMANENT EASEMENT-E

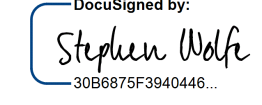
ALIGN	STATION	OFFSET	NORTH	EAST
L	12+27.00	-72.00	700213.4750	2312758.9872
L	16+00.00	-116.00	700547.5445	2312587.3406
L	16+00.00	-140.00	700539.1526	2312564.8556
L	18+08.00	-121.00	700740.6663	2312509.9264
L	23+93.05	-82.00	701302.4245	2312341.8938

I, Stephen R. Wolfe, 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 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 18th day of February, 2020.

DocuSigned by:  
  
 L-3259  
 Professional Land Surveyor PLS Seal

2/20/2020

REVISIONS

19-FEB-2020 09:28  
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 jmatthews

### 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.

6/2/2020

I, Stephen R. Wolfe, 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 (localization 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; 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 18th day of February, 2020.

PROJECT REFERENCE NO.	SHEET NO.
B-5666	RW04

**Location and Surveys**

JoynrKeeny, PLLC  
1051 N. Winstead Avenue  
Rocky Mount, NC 27804  
252-977-3124  
North Carolina Firm Number P-0551

PROJECT SURVEYOR



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

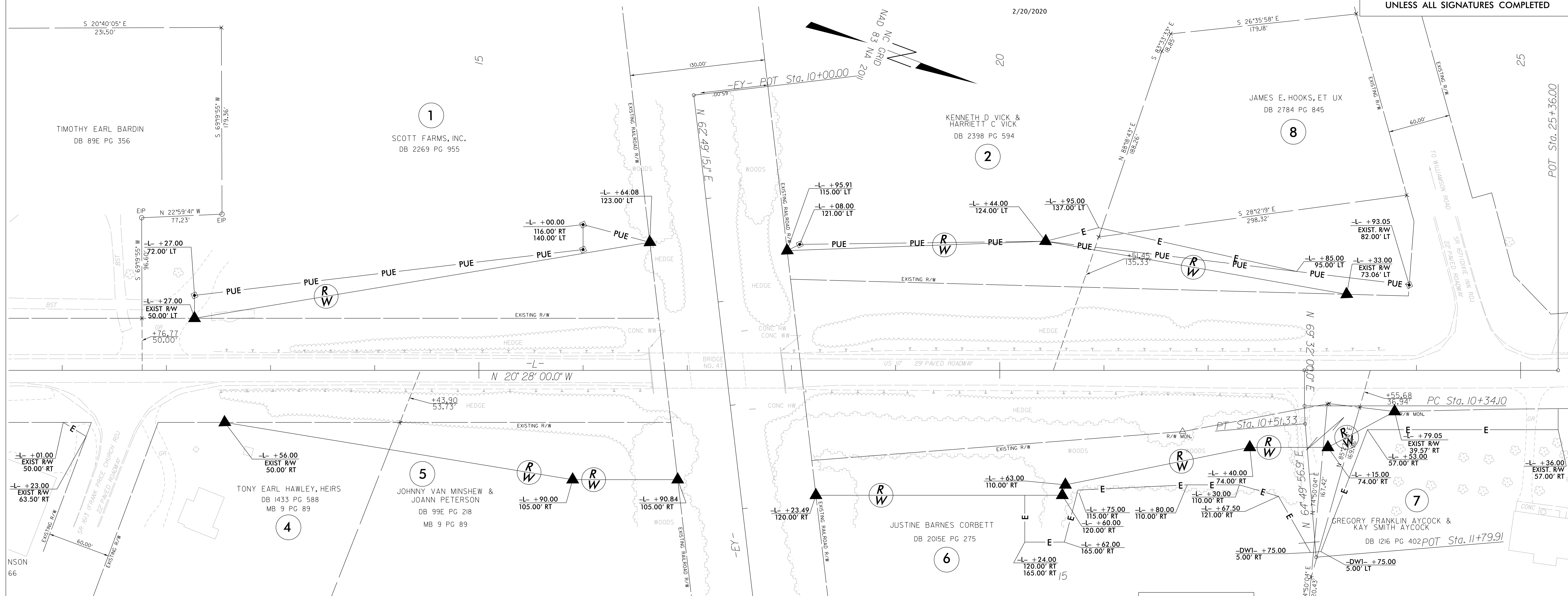
DocuSigned by:  
**Stephen Wolfe**  
3006875F3940446...

Professional Land Surveyor

L-3259 PLS

Seal

2/20/2020



-DWI-

PI Sta 10+42.72  
Δ = 4' 42" 03.1" (LT)  
D = 27' 17" 01.3"  
L = 17.23'  
T = 8.62'  
R = 210.00'

**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 FROM \_\_\_\_\_ TO \_\_\_\_\_.

20\_FEB\_2020\_10:40  
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C:\Users\jmatthews\OneDrive\Documents\Projects\B5666\B5666\_1s\_rw04.dgn  
jmatthews