

09/08/19

TIP PROJECT: W-5601EX

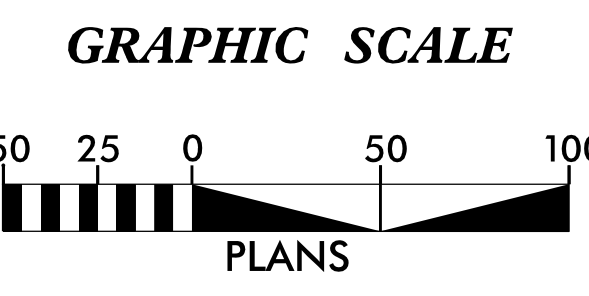
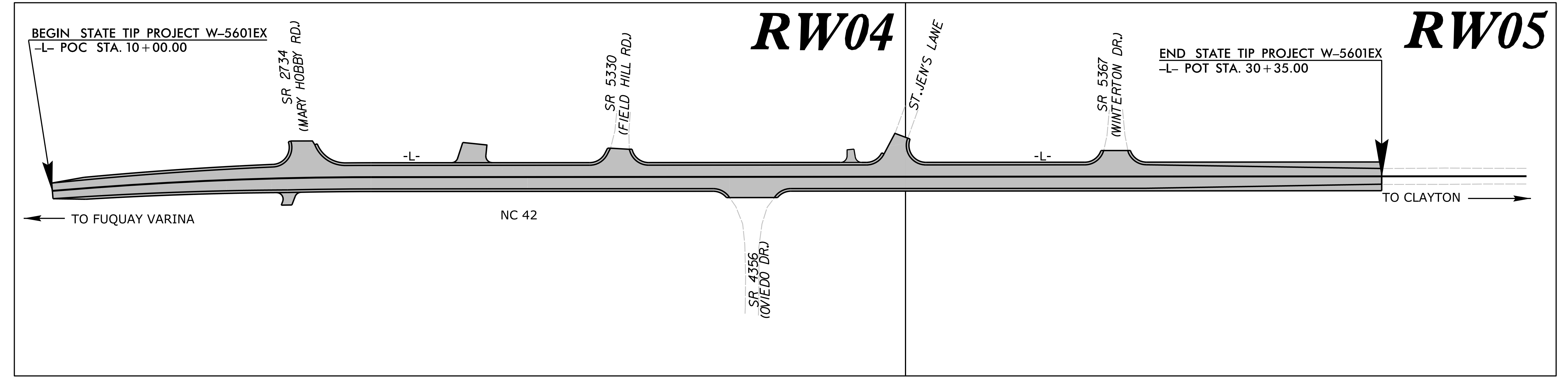
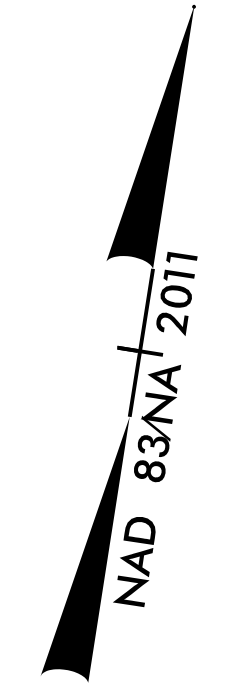
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5601EX	RW01	5

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

WAKE COUNTY

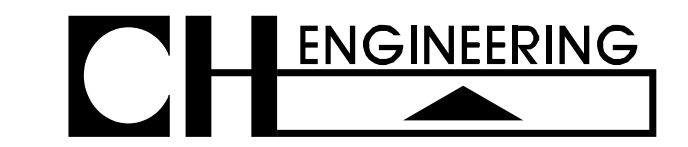
**LOCATION: WIDEN NC 42 FOR CENTER TURN LANE FROM
WEST OF MARY HOBBY ROAD (SR 2734) TO EAST OF
WINTERTON DRIVE (SR 5367)**



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "W5601BC-1" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 668836.711(ft) EASTING: 2103837.604(ft) NCGS MONUMENT "JUNKCAR" ELEVATION OF 333.30(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99988135 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "W5601BC-1" TO -L- STATION 10+00.00 IS N 77°55'49.15" E 7,438.30(ft) ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:



3220 GLEN ROYAL RD. RALEIGH, NC 27617
TEL. (919) 788-0224 FAX (919) 788-0232
CORPORATE LICENSE # P-0189

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
August 19, 2019

LETTING DATE:
June 23, 2020

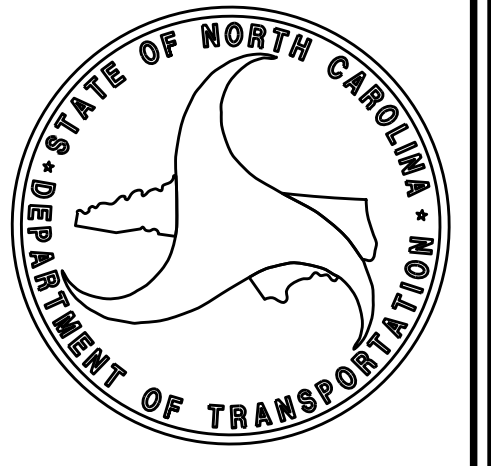
PROFESSIONAL LAND SURVEYOR



DocuSigned by:
J. Ambrose Hall, Jr.
88BDFCF85DF44AB...

8/23/2021

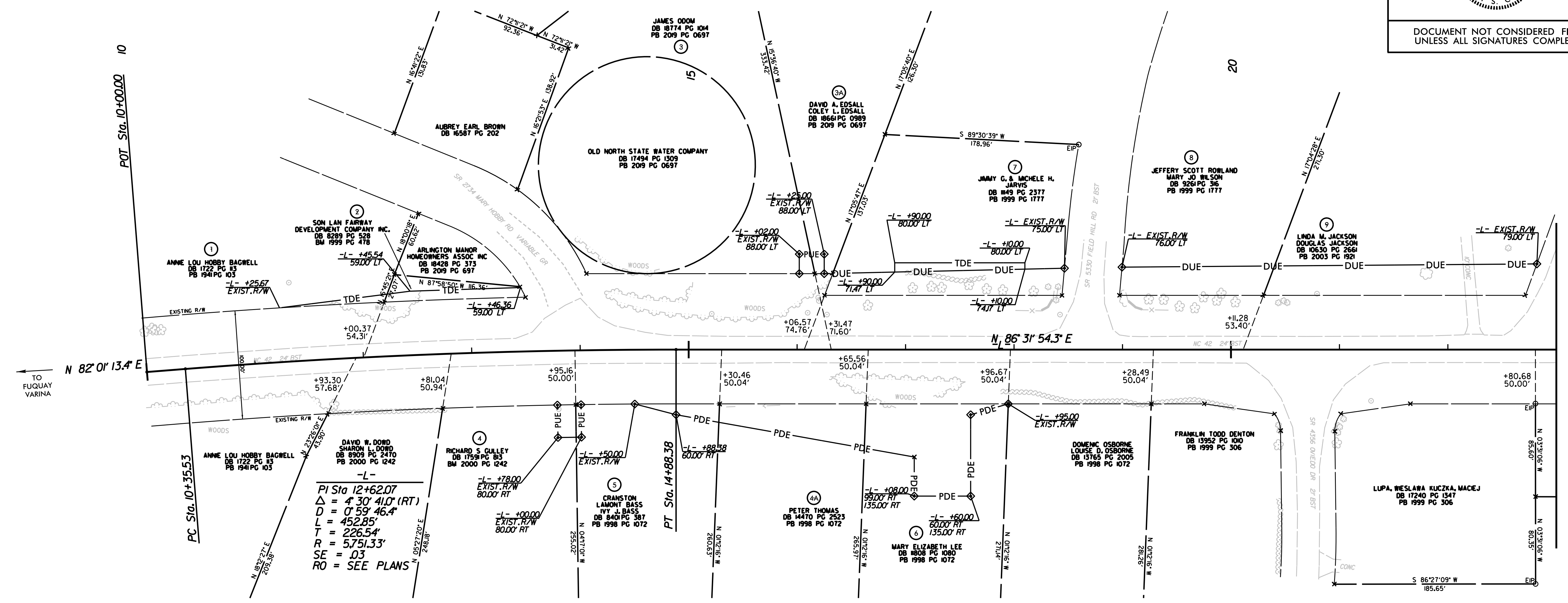
SIGNATURE: Date:



\$\$\$\$\$ SYSTEM \$\$\$\$\$\$
\$\$\$\$\$ DDNN\$\$\$\$\$
\$\$\$\$\$ USERNAME\$\$\$\$\$

PROJECT REFERENCE NO. W5601-EX	SHEET NO. RW04
Location and Surveys	
CH ENGINEERING	
3220 GLEN ROYAL RD. RALEIGH, NC 27617 TEL. (919) 788-0224 FAX (919) 788-0232 CORPORATE LICENSE # P-0189	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

NAD 83/NA 2011



REVISIONS

MATCHLINE -L- STA. 23 +00.00
SEE SHEET 5

I, JEFFREY S. COATS, 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 25th day of October, 2022.
10/25/2022

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.

DocuSigned by:
Jeffrey S. Coats
Professional Land Surveyor

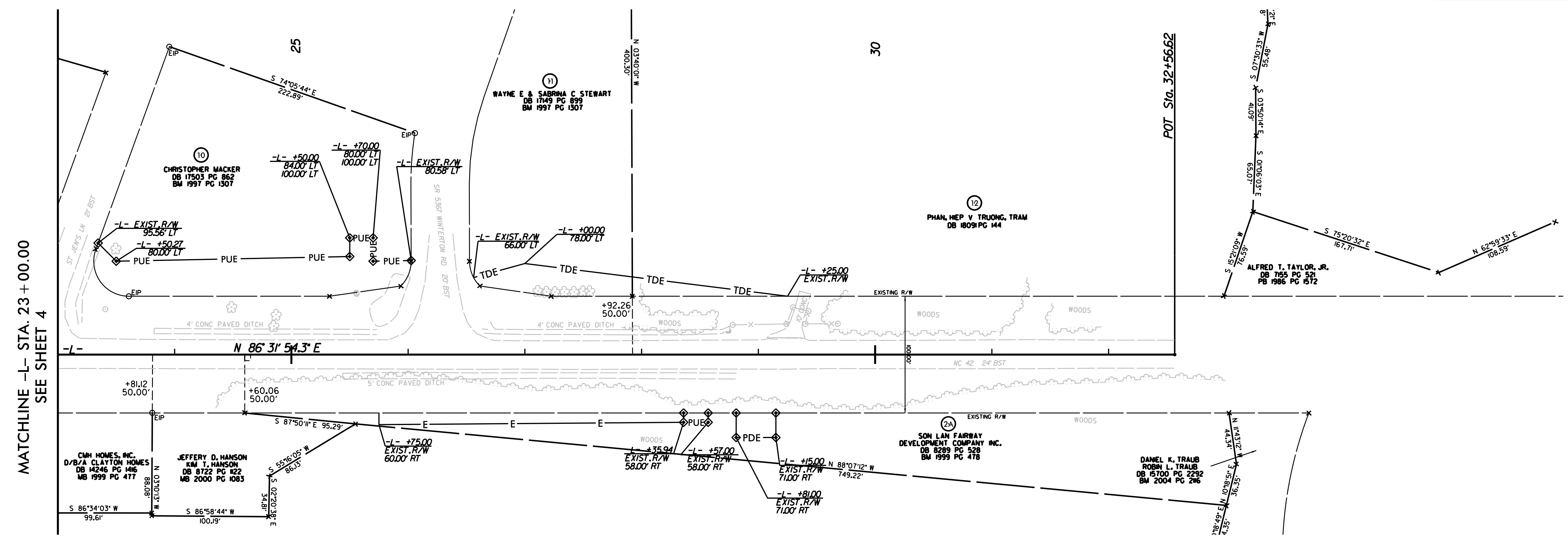
L-3994
PLS #

6/2/2019
10/25/2022

6/22/2019

PROJECT REFERENCE NO. W5601-EX	SHEET NO. RW05
Location and Surveys	
 3220 GLEN ROYAL RD. RALEIGH, NC 27617 TEL. (919) 788-0224 FAX (919) 788-0232 CORPORATE LICENSE # P-0189	
PROJECT SURVEYOR	
	
DocuSigned by: <i>J. Auburn Hall, Jr.</i> 88BF0CF650F44A8	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

NAD 83/NA 2011



MATCHLINE -L- STA. 23 + 00.00
SEE SHEET 4

REVISIONS

I, J. AUBURN HALL, 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) (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).

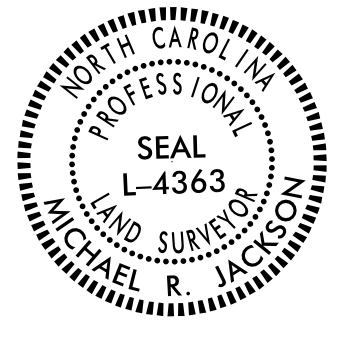
Witness my original signature, registration number and seal this 23rd day of August, 2021.

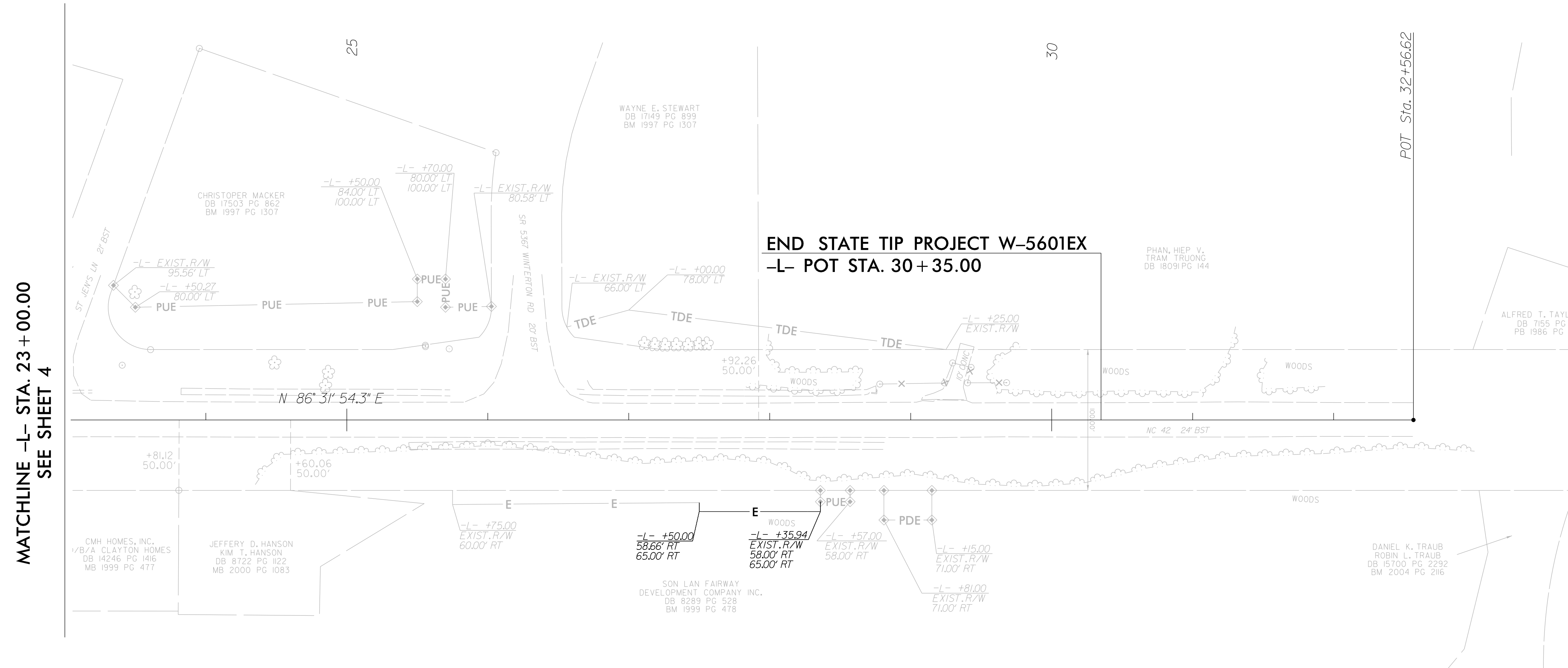
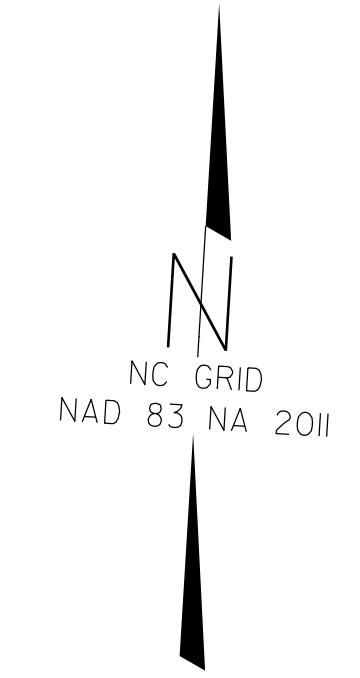
DocuSigned by:
J. Auburn Hall, Jr.
 88BF0CF650F44A8
 Professional Land Surveyor L-2630 PLS # Seal

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.

REVISIONS

PROJECT REFERENCE NO. W5601-EX	SHEET NO. RW05A
Location and Surveys	
LOCATION & SURVEYS DIVISION 5 3301 JONES SAUSAGE RD. GARNER, NC 27529 984-920-8940	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

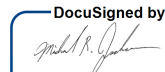


MATCHLINE -L- STA. 23 + 00.00
SEE SHEET 4

END STATE TIP PROJECT W-5601EX
-L- POT STA. 30 + 35.00

I, Michael R. Jackson, certify that the temporary construction easement monumentation shown in bold hereon 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 on November 18, 2021 and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 20th day of October, 2022.

DocuSigned by:

1AB767710751467

Professional Land Surveyor L-4363

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 ON NOVEMBER 18, 2021