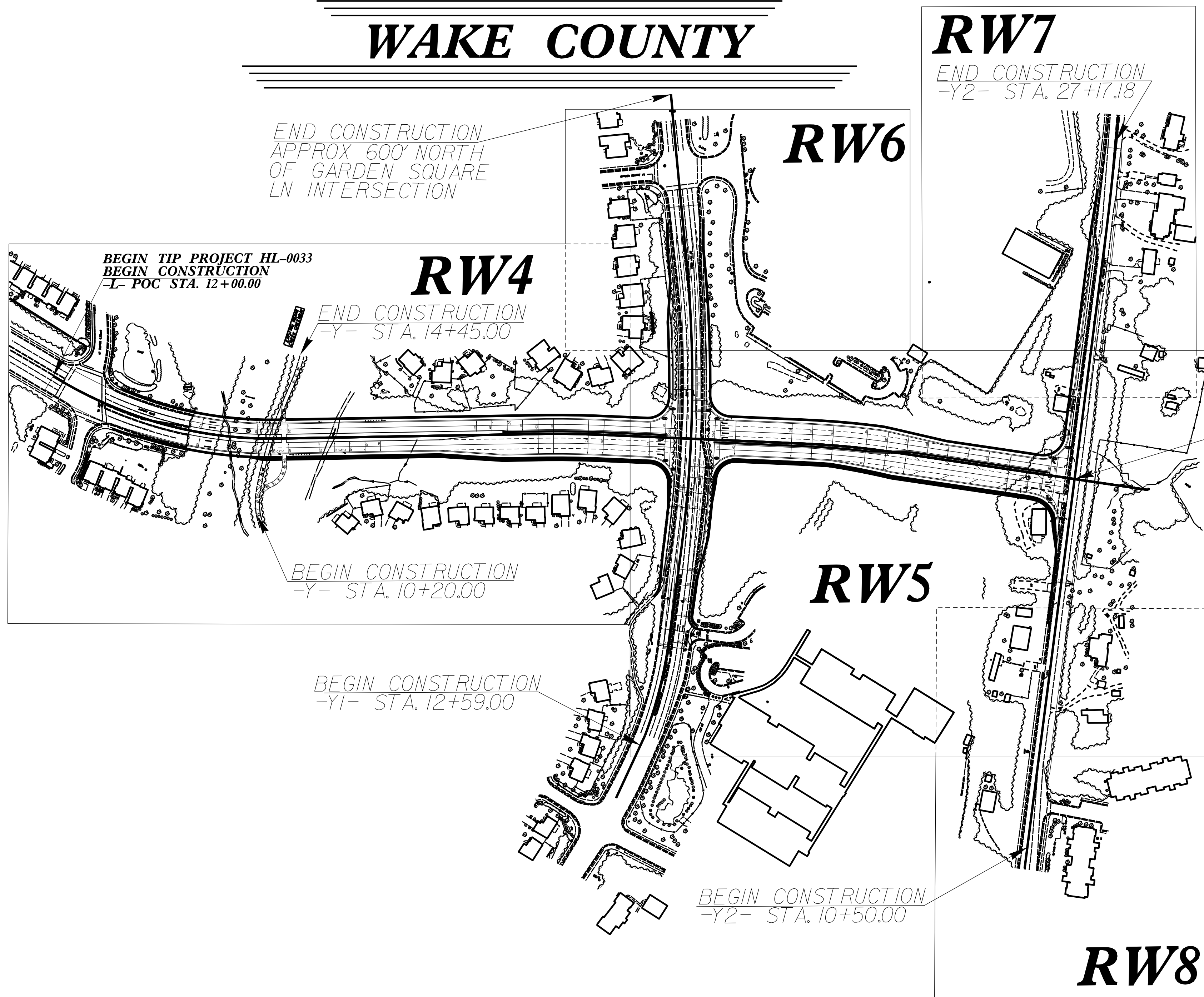
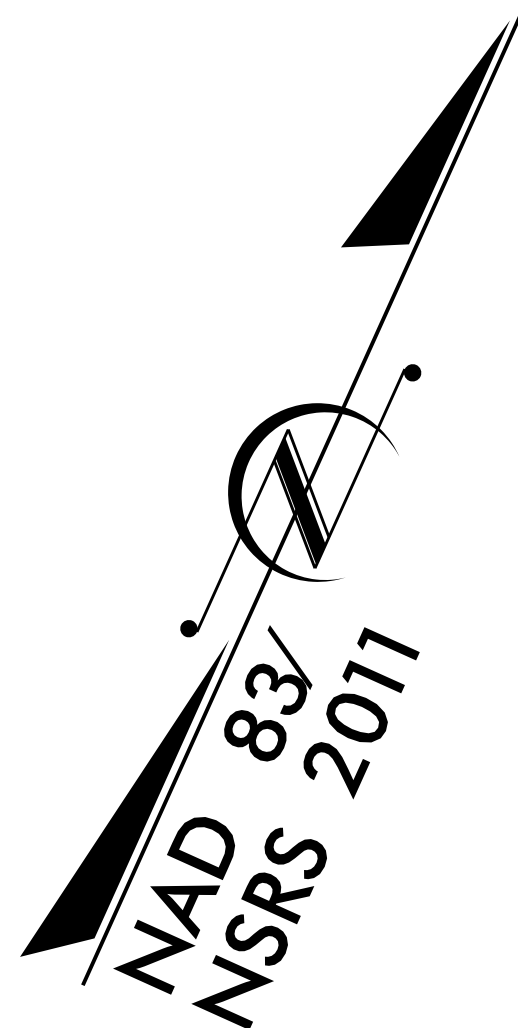


TIP PROJECT: HL-0033

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

WAKE COUNTY



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HL-0033	RW01	08

GRAPHIC SCALE



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "SR-3126 AZ GPS2" WITH NAD 83/NSRS 2011 STATE PLANE GRID COORDINATES OF NORTHING: 758,202.801(ft) EASTING: 2,046,092.071(ft) ELEVATION: 358.11(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999118791 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "SR-3126 AZ GPS2" TO -L- STATION 12+00 IS S 85-53'30.17" E 60.95(ft) ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:

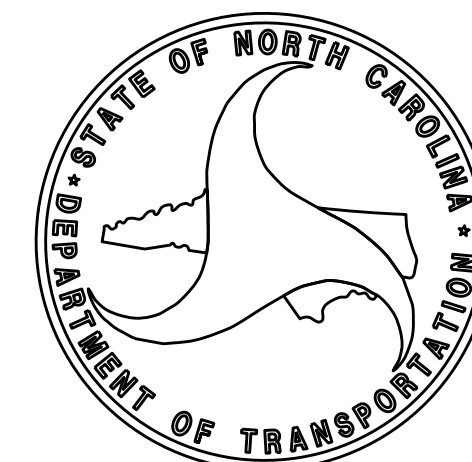
LOCATION & SURVEYS
DIVISION 5
3301 JONES SAUSAGE RD.
GARNER, NC 27529
984-920-8940

PROFESSIONAL LAND
SURVEYOR



DocuSigned by:
Mason K. Hart
SIGNATURE

11/18/2025
Date:

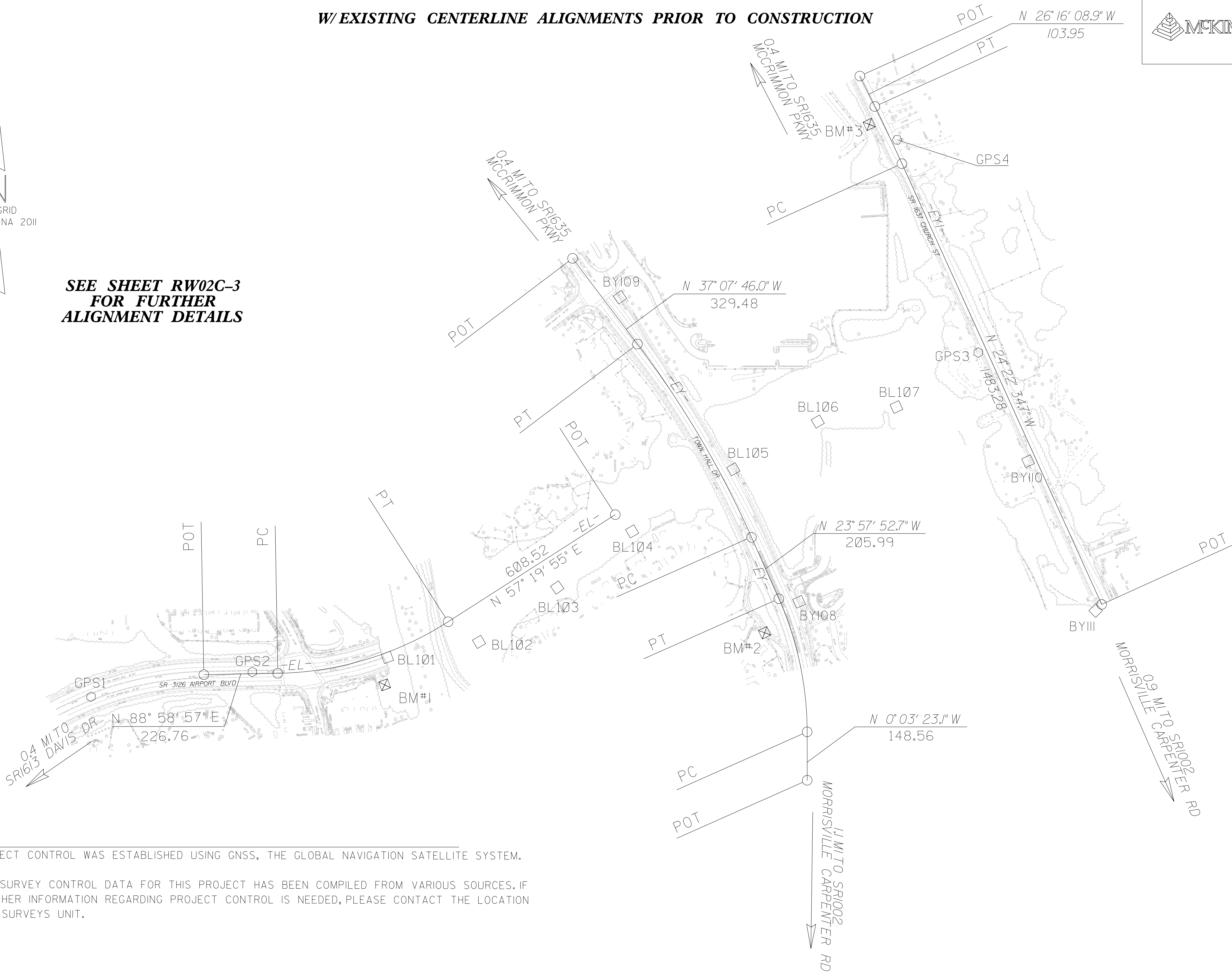


SURVEY CONTROL SHEET

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.

SURVEY CONTROL SHEET
W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
SR-3126	RW02C-2
Location and Surveys	
	

BL	POINT	DESC.	NORTH	EAST	ELEVATION
	GPS1	SR-3126 AZ GPS1	758126.8246	2045597.7980	368.63
	GPS2	SR-3126 AZ GPS2	758202.8009	2046092.0710	358.11
	BL101	SR-3126 BL-101	758247.3050	2046505.8730	338.82
	BL102	SR-3126 BL-102	758295.0840	2046786.6690	327.22
	BL103	SR-3126 BL-103	758461.6220	2047026.5410	338.54
	BL104	SR-3126 BL-104	758633.6010	2047255.9960	352.43
	BL105	SR-3126 BL-105	758824.0470	2047566.2940	351.10
	BL106	SR-3126 BL-106	758970.3400	2047824.9480	358.24
	BL107	SR-3126 BL-107	759014.8480	2048065.8590	359.69
	GPS3	SR-3126 AZ GPS3	759181.9103	2048316.9380	347.92

BY	POINT	DESC.	NORTH	EAST	ELEVATION
	BY108	SR-3126 BY-108	758417.8800	2047767.8100	348.84
	E105	SR-3126 BL-105	758824.0470	2047566.2940	351.10
	BY109	SR-3126 BY-109	759351.3190	2047218.7380	350.18

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
	BY111	SR-3126 BY-111	758390.7870	2048676.3080	353.28
	BY110	SR-3126 BY-110	758848.8300	2048469.4580	350.31
	AGPS3	SR-3126 AZ GPS3	759181.9103	2048316.9380	347.92
	GPS4	SR-3126 AZ GPS4	759833.8951	2048067.9940	357.50

BM1 ELEVATION = 335.69
N 758163 E 2046498
BENCHTIE IN 14" PINE

BM2 ELEVATION = 350.36
N 758323 E 2047662
BENCHTIE SET IN 19" PINE

BM3 ELEVATION = 362.03
N 759881 E 2047983
BENCHTIE SET IN 11" OAK

- 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.
SR-3126

SHEET NO.
RW02C-3

Location and Surveys

MCKIM & CREED

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	758194.710	2045943.397							
LINE			N 88°58'56.5" E	226.76					
PC	758198.737	2046170.119							
CURVE			N 73°09'26.0" E	545.41	31°39'01.1"(LT)	05°43'46.5"	552.40	283.45	1000.00
PT	758356.766	2046692.128							
LINE			N 57°19'55.4" E	608.52					
POT	758685.225	2047204.386							

EY POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	757870.788	2047792.561							
LINE			N 00°03'23.1" W	148.56					
PC	758019.348	2047792.415							
CURVE			N 12°00'37.9" W	417.16	23°54'29.6"(LT)	05°41'23.1"	420.20	213.20	1007.00
PT	758427.373	2047705.608							
LINE			N 23°57'52.7" W	205.99					
PC	758615.605	2047621.940							
CURVE			N 30°32'49.3" W	687.79	13°09'53.2"(LT)	01°54'35.5"	689.31	346.18	3000.00
PT	759207.940	2047272.373							
LINE			N 37°07'46.0" W	329.48					
POT	759470.629	2047073.491							

EY1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	758409.946	2048694.947							
LINE			N 24°22'34.7" W	1483.28					
PC	759760.996	2048082.758							
CURVE			N 25°19'21.8" W	193.81	01°53'34.2"(LT)	00°58'35.7"	193.82	96.92	5867.00
PT	759936.186	2047999.860							
LINE			N 26°16'08.9" W	103.95					
POT	760029.400	2047953.854							

- 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.

REVISIONS

11/7/22

PROPOSED ALIGNMENT CONTROL SHEET

I, Mason K Hurt, PLS, 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.

This 9th day of October, 2025.

Professional Land Surveyor L-5590

PROJECT REFERENCE NO.
HL-0033

SHEET NO.
RW02D-1

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

L			
TYPE	STATION	NORTH	EAST
POT	10+00.00	758194.8784	2045952.9028
PC	12+17.25	758198.7368	2046170.1193
PCC	14+36.95	758226.6412	2046387.5968
PT	17+53.24	758350.3806	2046677.0902
PC	23+62.98	758679.6204	2047190.2997
PT	25+16.49	758758.4926	2047321.9688
PC	29+88.62	758988.5617	2047734.2494
PT	31+94.94	759079.6380	2047919.2761
POT	38+00.00	759318.5077	2048475.1891

Y			
TYPE	STATION	NORTH	EAST
POT	10+00.00	758155.9726	2046752.2697
PC	10+09.21	758162.0137	2046745.3169
PCC	10+48.43	758191.1887	2046719.2636
PRC	11+10.74	758249.5307	2046720.4695
PT	11+71.45	758306.5392	2046722.5613
PC	12+89.09	758405.5551	2046659.0396
PT	13+30.70	758444.1865	2046644.3957
PC	13+76.10	758489.0461	2046637.4201
PT	14+15.53	758527.5009	2046628.8214
POT	14+50.76	758561.3042	2046618.8919

Y1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	757926.7308	2047792.5058
PC	10+92.62	758019.3485	2047792.4145
PT	15+12.81	758427.3717	2047705.6083
PC	17+18.80	758615.6015	2047621.9424
PT	24+08.11	759207.9393	2047272.3738
POT	27+37.60	759470.6293	2047073.4907

Y2			
TYPE	STATION	NORTH	EAST
POT	10+00.00	758411.8912	2048694.0661
PC	24+81.11	759760.9679	2048082.7701
PT	26+74.93	759936.1586	2047999.8729
POT	27+78.91	760029.4002	2047953.8525

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 INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

REVISIONS

11/7/22

RIGHT OF WAY CONTROL SHEET

I, Mason K Hurt, PLS, 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.

This 9th day of October, 2025.

DocuSigned by:
Mason K. Hurt
1011022AAF0B421...

Professional Land Surveyor L-5590

PROJECT REFERENCE NO.	SHEET NO.
HL-0033	RW03E-1
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	

ROW MARKER IRON PIN AND CAP				
ALIGN	STATION	OFFSET	NORTH	EAST
L	17+53.24	-85.00	758421.9239	2046631.1929
L	17+53.24	52.73	758306.0004	2046705.5614
L	17+53.24	-47.26	758390.1571	2046651.5723
L	18+15.00	95.00	758303.7681	2046780.3684
L	19+00.00	95.00	758349.6653	2046851.9117
L	19+00.00	52.78	758385.2043	2046829.1123
L	19+56.05	-47.21	758499.6285	2046822.3015
L	19+65.22	-85.00	758536.3858	2046809.6128
L	21+40.00	52.83	758514.7490	2047031.1474
L	22+80.00	64.00	758580.9452	2047155.0133
L	23+62.98	64.00	758625.7525	2047224.8576
L	23+62.98	-47.11	758719.2761	2047164.8593
L	25+16.49	-47.06	758799.5903	2047299.0347
L	25+16.49	64.00	758702.6055	2047353.1560
L	26+17.04	-47.10	758848.6177	2047386.8262
L	26+25.00	64.00	758755.4823	2047447.9104
L	28+15.00	-59.00	758955.4771	2047553.8871
L	28+25.00	52.68	758862.8245	2047617.0427
L	29+88.62	-59.00	759040.0825	2047705.4987
L	29+88.62	52.60	758942.6304	2047759.8810
L	30+55.00	52.53	758973.2492	2047816.7998
L	31+66.00	-59.00	759121.8860	2047868.6964
L	31+94.94	64.00	759020.8366	2047944.5425
L	31+94.94	-56.56	759131.6052	2047896.9464
L	33+15.00	-47.60	759170.7731	2048010.7911
L	35+15.61	64.00	759147.4328	2048239.1654
L	35+20.91	-47.55	759252.0185	2048199.9992

NOT STAKED

ROW MARKER IRON PIN AND CAP				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1	16+00.00	-39.96	758490.8111	2047633.6814
Y1	16+65.00	49.02	758586.3482	2047688.5878
Y1	17+18.80	-45.00	758597.3237	2047580.8215
Y1	17+65.00	62.00	758683.7239	2047659.1143
Y1	18+30.00	-45.00	758696.5654	2047534.4886
Y1	18+44.02	62.00	758756.4566	2047624.2642
Y1	18+80.00	-50.00	758738.3428	2047508.0065
Y1	19+00.00	67.00	758809.7174	2047602.8604
Y1	20+90.00	-57.00	758915.2181	2047401.7671
Y1	20+95.00	45.00	758972.1798	2047486.5270
Y1	22+66.00	-57.00	759060.4327	2047308.4169
Y1	23+66.00	-45.00	759147.5310	2047261.3016
Y1	24+08.11	45.00	759235.1021	2047308.2512
Y1	24+08.11	-45.00	759180.7765	2047236.4965
Y1	24+30.00	-45.00	759198.2275	2047223.2843
Y1	24+30.00	45.00	759252.5531	2047295.0389
Y1	24+86.89	-40.00	759246.5986	2047192.9338
Y1	25+00.00	51.00	759311.9840	2047257.5693

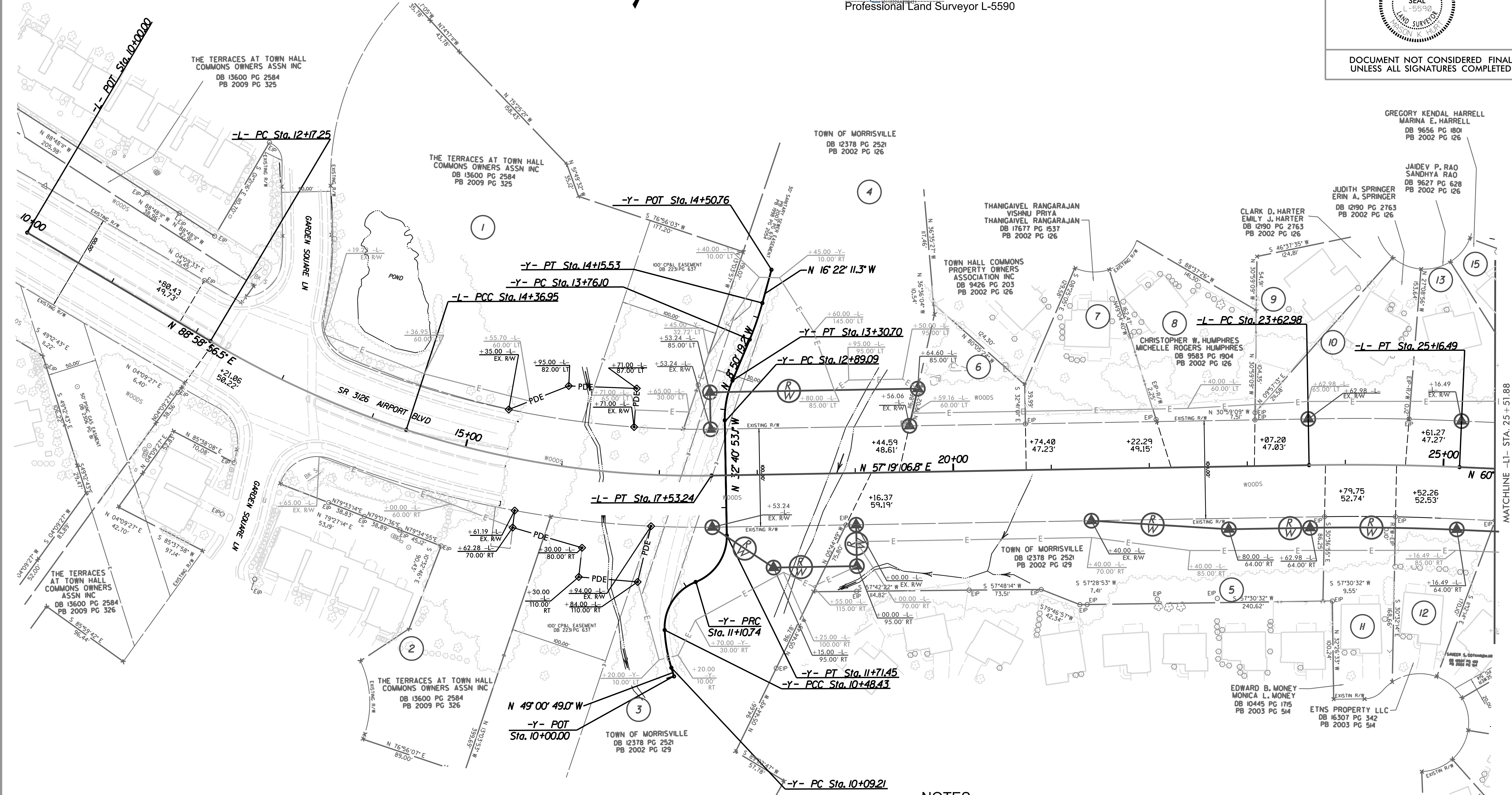
ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1	18+00.00	80.00	758723.8057	2047660.1592
Y1	18+00.00	62.00	758716.0521	2047643.9148
Y1	18+57.00	63.06	758768.7908	2047619.3075
Y1	18+57.00	80.00	758776.3756	2047634.4514
Y1	22+00.00	60.00	759070.6091	2047442.3720
Y1	24+08.11	60.00	759244.1563	2047320.2103
Y1	25+00.00	60.00	759317.4166	2047264.7448

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y2	12+60.00	70.00	758677.6042	2048650.5166
Y2	12+60.00	100.00	758689.9861	2048677.8423
Y2	13+00.00	70.00	758714.0384	2048634.0075
Y2	13+00.00	100.00	758726.4203	2048661.3332
Y2	17+30.00	-50.00	759056.1785	2048347.2320
Y2	17+30.00	-29.19	759064.7690	2048366.1906
Y2	17+55.00	-50.00	759078.9498	2048336.9138
Y2	17+55.00	-29.19	759087.5404	2048355.8724
Y2	17+90.00	55.00	759154.1661	2048418.1081
Y2	17+90.00	85.00	759166.5480	2048445.4337
Y2	19+60.00	90.00	759323.4569	2048379.8242
Y2	19+60.00	55.00	759309.0114	2048347.9443
Y2	20+03.00	55.00	759348.1781	2048330.1970
Y2	20+03.00	90.00	759362.6236	2048362.0769

ROW MARKER IRON PIN AND CAP				
ALIGN	STATION	OFFSET	NORTH	EAST
Y2	12+00.00	40.82	758610.9083	2048648.6987
Y2	12+00.00	70.00	758622.9530	2048675.2803
Y2	13+50.00	70.00	758759.5811	2048613.3711
Y2	14+00.00	45.00	758794.8057	2048569.9634
Y2	16+50.00	45.00	759022.5192	2048466.7814
Y2	17+50.00	55.00	759117.7319	2048434.6172
Y2	17+65.00	-29.19	759096.6489	2048351.7451
Y2	17+99.87	-38.67	759124.4922	2048328.7134
Y2	20+24.57	-99.58	759304.0294	2048180.4915
Y2	21+20.00	55.00	759454.7481	2048281.9079
Y2	21+80.00	40.00	759503.2084	2048243.4814
Y2	22+10.85	-77.04	759482.9977	2048124.1413
Y2	23+88.68	-54.16	759654.4243	2048071.5919
Y2	24+75.68	-39.00	759739.9288	2048049.4865
Y2	24+81.11	40.00	759777.4758	2048119.2049
Y2	25+00.00	-38.97	759761.9588	2048039.5042
Y2	26+00.00	-35.00	759853.6651	2048001.0270
Y2	26+10.00	-29.07	759865.1978	2048002.0837
Y2	26+74.93	40.00	759953.8622	2048035.7419
Y2	27+14.92	40.00	759989.7154	2048018.0461
Y2	27+17.18	31.35	759987.9206	2048009.2841

NOTES:

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



I, Mason K Hurt, PLS, certify that the right of way and permanent easement monumentation for this project shown 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 from June 26th, 2022 and Sep 24th, 2025, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 9th day of October, 2025.

DocuSigned by:
Mason K Hurt
Professional Land Surveyor L-5590

PROJECT REFERENCE NO.	SHEET NO.
HL-0033	RW04
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	

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.

9/28/22

REVISIONS

MATCHLINE -L1- STA. 25 + 51.58
SEE SHEET 4

MATCHLINE -Y1- STA. 22 + 13.39
SEE SHEET 6

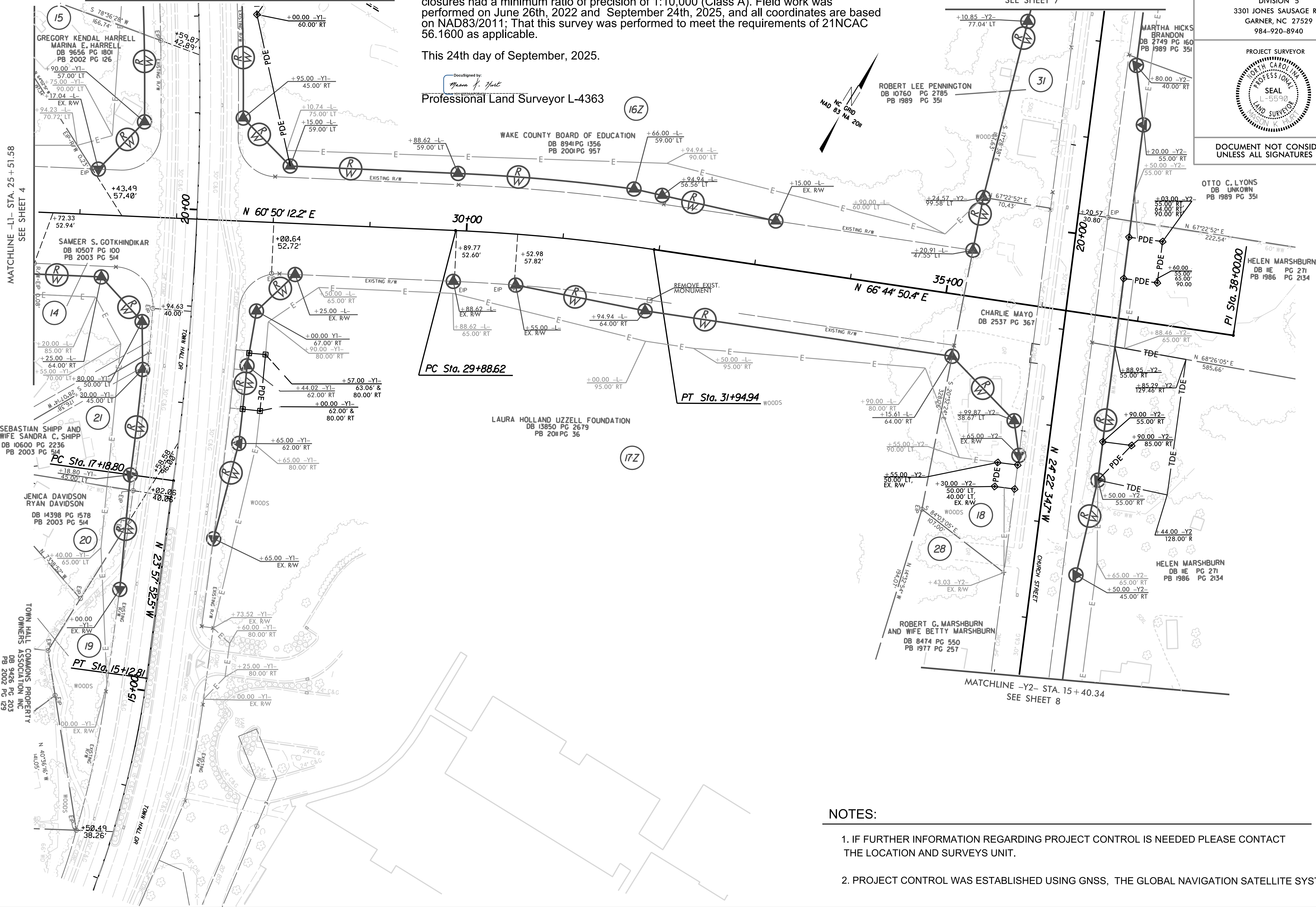
MATCHLINE -Y2- STA. 22 + 31.70
SEE SHEET 7

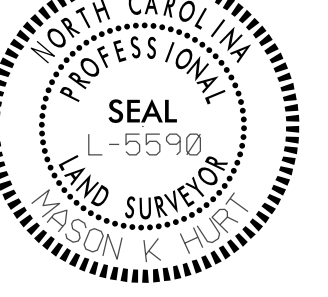
MATCHLINE -Y2- STA. 15 + 40.34
SEE SHEET 8

I, Mason K Hurt, PLS, certify that the right of way and permanent easement monumentation for this project shown 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 June 26th, 2022 and September 24th, 2025, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 24th day of September, 2025.

DocuSigned by:
Mason K. Hurt
Professional Land Surveyor L-4363



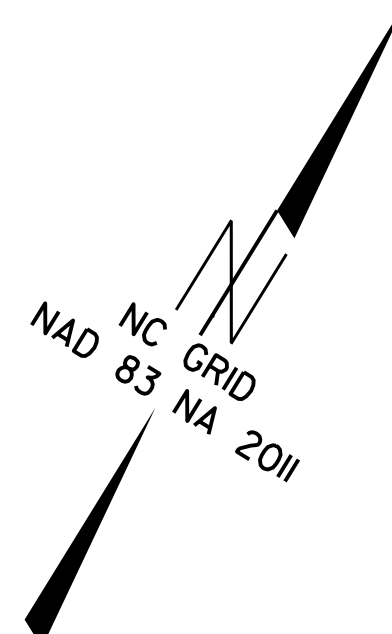
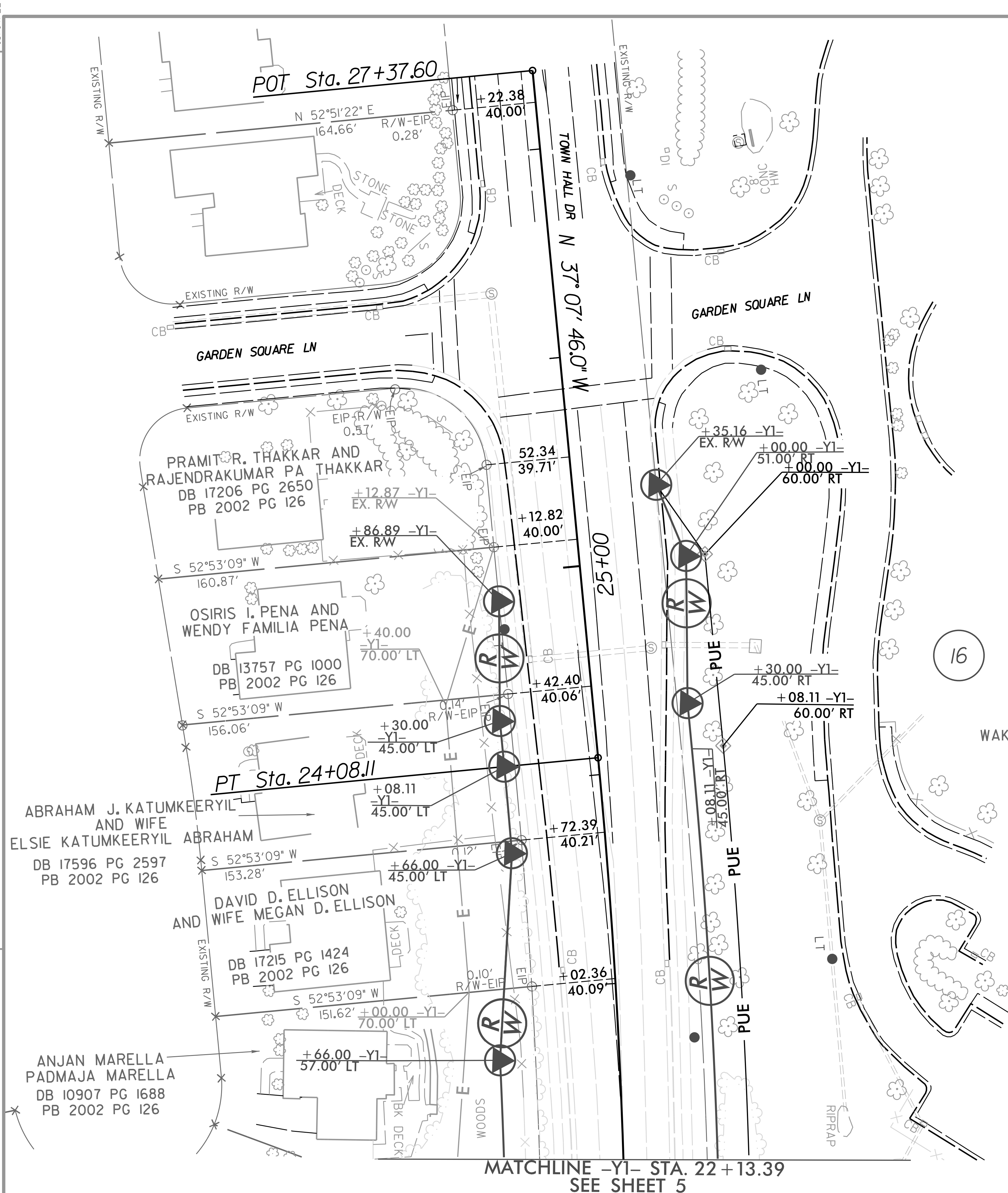
PROJECT REFERENCE NO. HL-0033	SHEET NO. RW05
Location and Surveys	
LOCATION & SURVEYS DIVISION 5 3301 JONES SAUSAGE RD. GARNER, NC 27529 984-920-8940	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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.

10/14/22

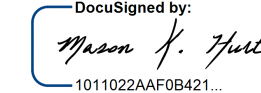
REVISIONS



PROJECT REFERENCE NO.	SHEET NO.
HL-0033	RW06
Location and Surveys	
LOCATION & SURVEYS DIVISION 5 3301 JONES SAUSAGE RD. GARNER, NC 27529 984-920-8940	
PROJECT SURVEYOR  MASON K. HURT	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Mason K Hurt, PLS, certify that the right of way and permanent easement monumentation for this project shown 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 from June 16th, 2022 and Sep 24, 2025, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 9th day of October, 2025.


Professional Land Surveyor L-5590

WAKE COUNTY BOARD OF EDUCATION
DB 8941 PG 1356
PB 2001 PG 957

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.

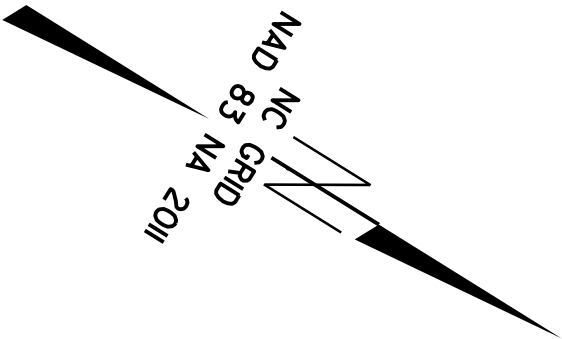
7/8/22

REVISIONS

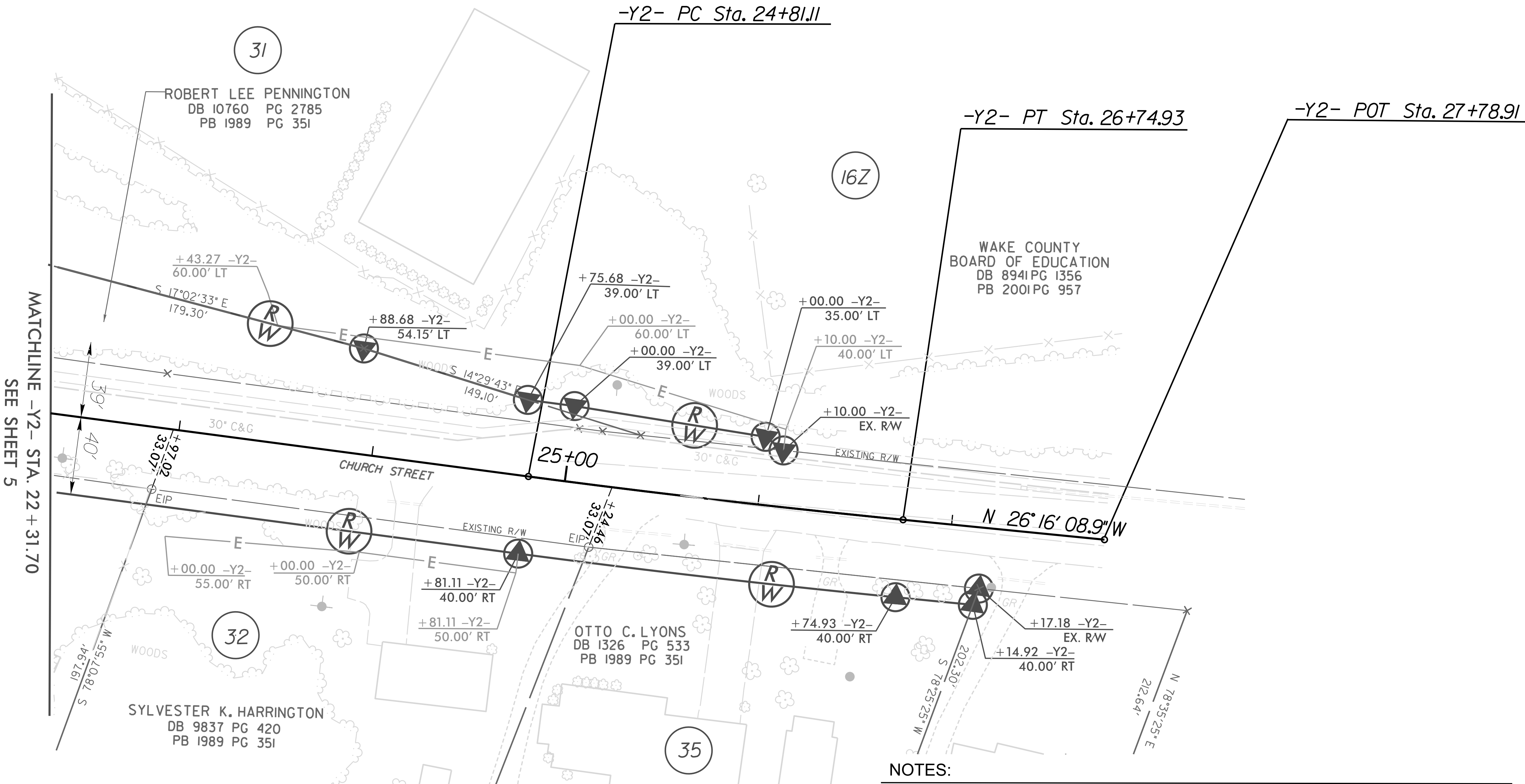
I Mason K Hurt, PLS, certify that the right of way and permanent easement monumentation for this project shown hereon was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed on June 26th, 2022 and September 24th, 2025 and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 9th day of October, 2025.

DocuSigned by:
Mason K. Hurt
Professional Land Surveyor L-5590



PROJECT REFERENCE NO.	SHEET NO.
HL-0033	RW07
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	



- 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.

I, Mason K Hurt, PLS, certify that the right of way and permanent easement monumentation for this project shown 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 from June 16th, 2022 and Sep 24th, 2025, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

DocuSigned by:
Mason K. Hurt
1041022AAFC0B4C1
Professional Land Surveyor L-5590



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