

09/08/2019

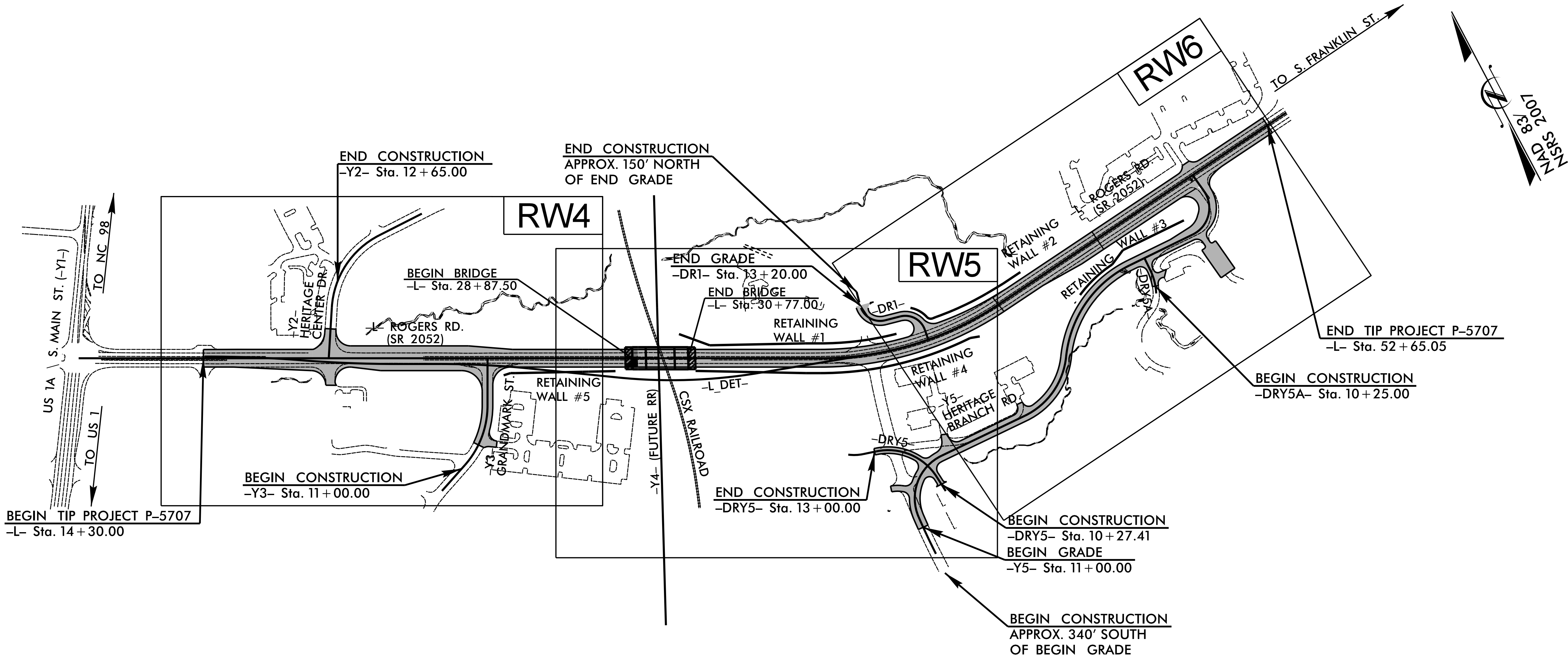
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	P-5707	RW01	11

TIP PROJECT: P-5707

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

WAKE COUNTY



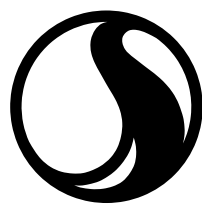
GRAPHIC SCALE



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "SEHSR-4" WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 777,964.330(ft) EASTING: 2,125,243.897(ft) ELEVATION: 298.67(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99992346 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "SEHSR-4" TO -L- STATION 10+00.00 IS N 31°13'52" E 28494.30(ft) ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:



801 JONES FRANKLIN ROAD, SUITE 300
RALEIGH, NC 27606
LICENSE NO.: F-0672
www.stantec.com

Stantec

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JUNE 12, 2018

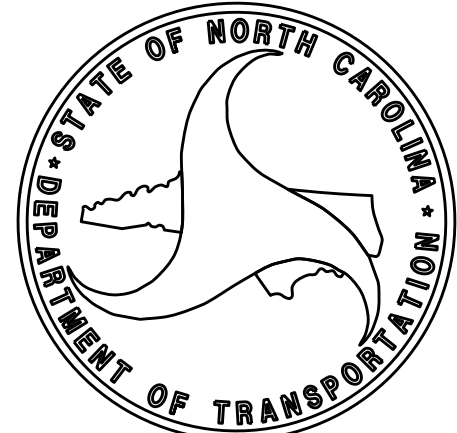
LETTING DATE:
OCTOBER 20, 2026

PROFESSIONAL LAND
SURVEYOR

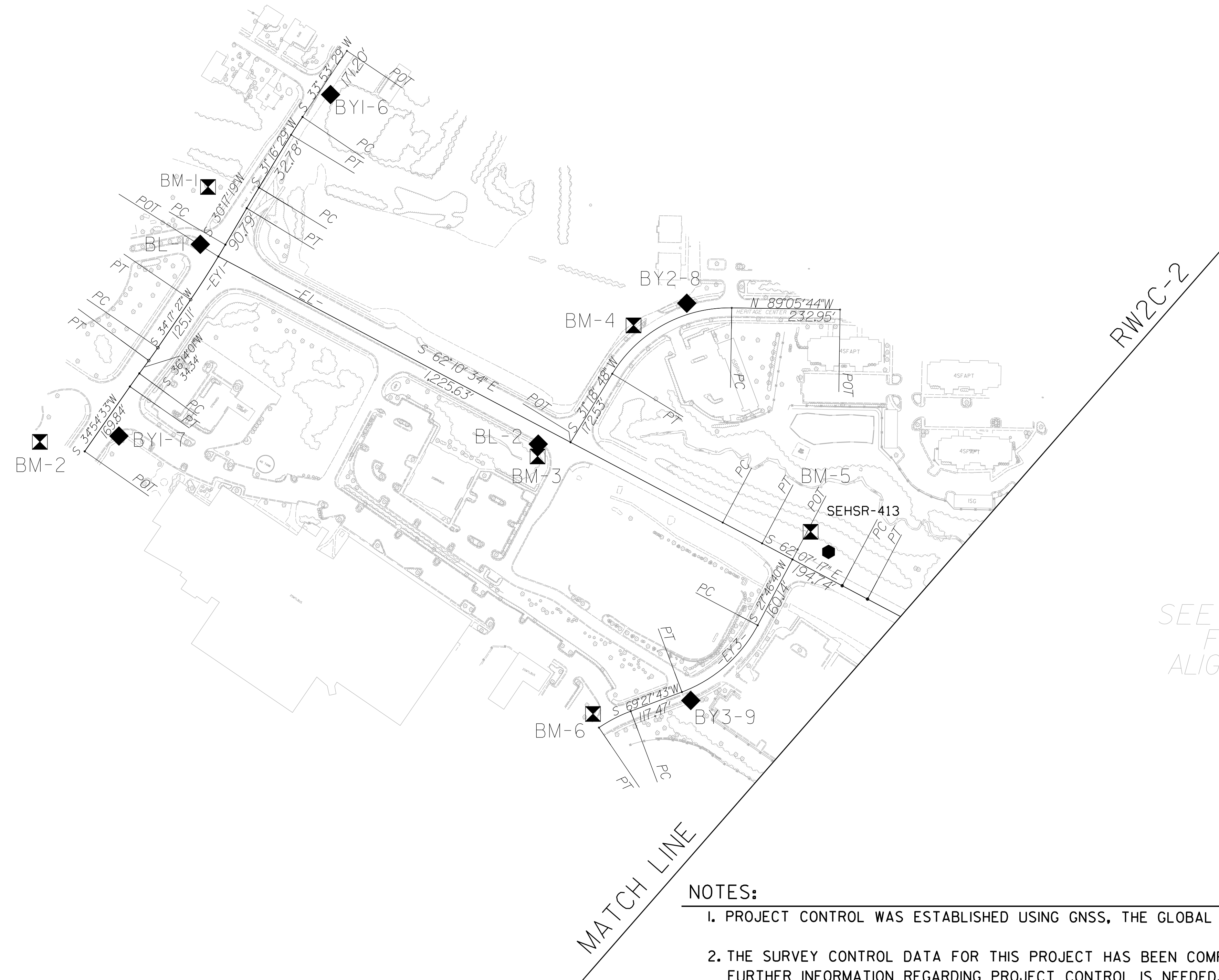
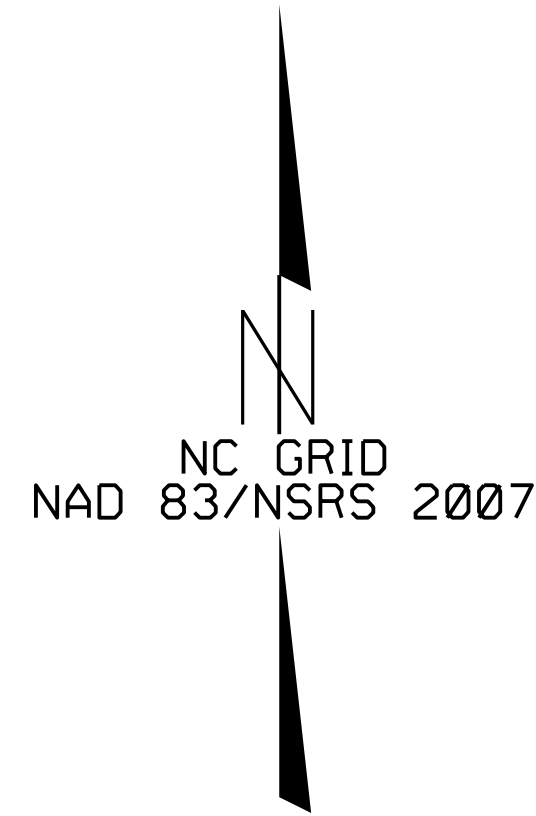


Signed by:
Tony D. Carpenter
Date:

8/4/2026



SURVEY CONTROL SHEET
W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



NOTES:

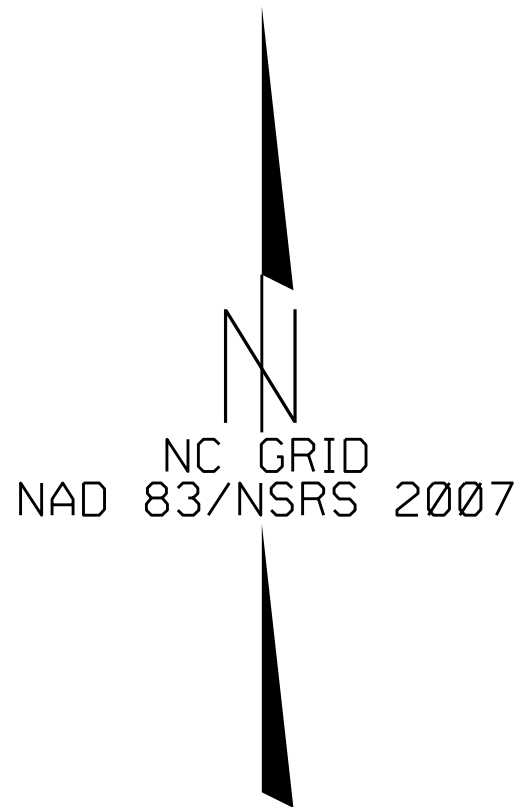
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

PROJECT REFERENCE NO.	SHEET NO.
P-5707	RW02C-2
Location and Surveys	
INSERT CONSULTANT'S NAME	

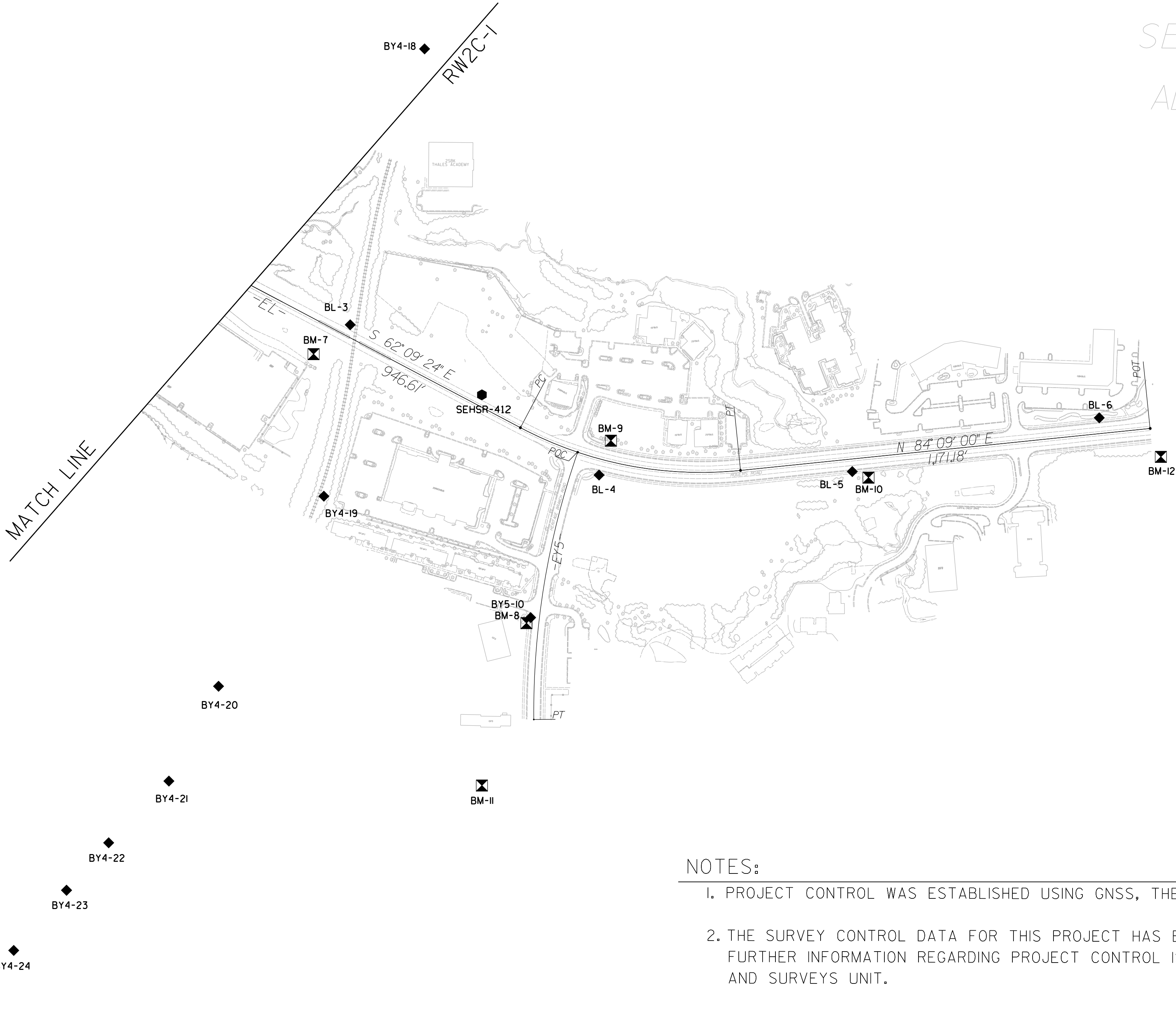
PROJECT SURVEYOR

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



SEE SHEET RW2C-4
FOR FURTHER
ALIGNMENT DETAILS



- NOTES:
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 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.

REVISIONS

PROJECT SURVEYOR

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BASELINE

POINT	DESC.	NORTH	EAST	ELEVATION
1	BL - 1	802354.198	2139977.879	385.99
2	BL - 2	801925.883	2140705.313	351.87
413	SEHSR - 413	801694.125	2141329.296	354.24
3	BL - 3	801443.136	2141765.968	347.40
412	SEHSR - 412	801243.914	2142140.476	339.60
4	BL - 4	801015.683	2142473.598	327.39
5	BL - 5	801025.577	2143193.788	304.17
26	BL - 6	801178.938	2143895.603	304.40

BY1

POINT	DESC.	NORTH	EAST	ELEVATION
6	BY1 - 6	802677.301	2140258.953	382.85
A1	BL - 1	802354.198	2139977.879	385.99
7	BY1 - 7	801943.193	2139801.675	384.97

BY2

POINT	DESC.	NORTH	EAST	ELEVATION
8	BY2 - 8	802228.722	2141024.560	352.16
A2	BL - 2	801925.883	2140705.313	351.87

BY3

POINT	DESC.	NORTH	EAST	ELEVATION
A413	SEHSR - 413	801694.125	2141329.296	354.24
9	BY3 - 9	801374.595	2141033.098	372.26

BY4

POINT	DESC.	NORTH	EAST	ELEVATION
12	BY4 - 12	806473.127	2143202.962	375.40
14	BY4 - 14	805300.257	2143123.047	374.35
15	BY4 - 15	804126.996	2142993.868	366.86
16	BY4 - 16	803396.556	2142731.887	361.02
17	BY4 - 17	802734.388	2142251.700	354.17
18	BY4 - 18	802227.993	2141977.416	350.36
A3	BL - 3	801443.136	2141765.968	347.40
19	BY4 - 19	800955.545	2141691.038	343.07
20	BY4 - 20	800414.806	2141391.531	340.45
21	BY4 - 21	799577.013	2140614.466	332.11
22	BY4 - 22	798892.851	2140276.363	328.23
23	BY4 - 23	797963.071	2140026.180	329.66
24	BY4 - 24	797452.395	2139709.262	325.75
25	BY4 - 25	796868.747	2138993.616	315.93

BY5

POINT	DESC.	NORTH	EAST	ELEVATION
A4	BL - 4	801015.683	2142473.598	327.39
10	BY5 - 10	800610.216	2142279.061	307.00

BENCHMARKS

BM1 ELEVATION = 388.91'
N 802479 E 2139996
RRS IN 24" PINE

BM2 ELEVATION = 384.95'
N 801931 E 2139634
RRS IN 17" PINE

BM3 ELEVATION = 352.10'
N 801899 E 2140704
RRS IN 12" PINE

BM4 ELEVATION = 354.74'
N 802181 E 2140910
SCRIBE IN BONNET BOLT OF FH

BM5 ELEVATION = 354.36'
N 801737 E 2141291
RRS IN 10" PINE

BM6 ELEVATION = 373.33'
N 801346 E 2140823
SCRIBE IN BONNET BOLT OF FH

BM7 ELEVATION = 349.69'
N 801360 E 2141662
RRS IN 14" PINE

BM8 ELEVATION = 309.67'
N 800594 E 2142267
SCRIBE IN BONNET BOLT OF FH

BM9 ELEVATION = 326.46'
N 801113 E 2142507
RRS IN 13" OAK

BM10 ELEVATION = 300.95'
N 801008 E 2143240
RRS IN 12" PINE

NOTES:

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REVISIONS

6/2/99

05-OCT-2018 10:20 AM
P:\Projects\2018\0620\705-18-116 (Control Sheets)\Final\65707-1s-rw2c-3.dgn
User: jhughes
At: 1305-278976

PROJECT REFERENCE NO.	SHEET NO.
P-5707	RW2C-4
Location and Surveys	
INSERT CONSULTANT'S NAME	

PROJECT SURVEYOR

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	802329.249	2140017.945							
LINE			S 62°10'34.3" E	1225.63					
PC	801757.183	2141101.873							
CURVE			S 62°08'55.5" E	95.73	00°03'17.5"(RT)	00°03'26.3"	95.73	47.87	100000.00
PT	801712.459	2141186.516							
LINE			S 62°07'16.8" E	194.73					
PC	801621.401	2141358.650							
CURVE			S 62°08'20.3" E	61.56	00°02'07.0"(LT)	00°03'26.3"	61.56	30.78	100000.00
PT	801592.632	2141413.073							
LINE			S 62°09'23.8" E	946.61					
PC	801150.510	2142250.095							
CURVE			S 79°00'11.7" E	637.58	33°41'35.9"(LT)	05°12'31.3"	646.86	333.09	1100.00
PT	801028.889	2142875.973							
LINE			N 84°09'00.3" E	1171.18					
POT	801148.259	2144041.057							

EY1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	802771.443	2140294.213							
LINE			S 33°53'28.8" W	171.20					
PC	802629.331	2140198.749							
CURVE			S 32°34'58.8" W	45.67	02°37'00.1"(LT)	05°43'46.5"	45.67	22.84	1000.00
PT	802590.852	2140174.157							
LINE			S 31°16'28.7" W	132.78					
PC	802477.364	2140105.224							
CURVE			S 30°46'53.9" W	51.63	00°59'09.7"(LT)	01°54'35.5"	51.63	25.81	3000.00
PT	802433.009	2140078.802							
LINE			S 30°17'19.0" W	90.79					
PC	802354.615	2140033.014							
CURVE			S 32°17'23.2" W	139.68	04°00'08.4"(RT)	02°51'53.2"	139.71	69.88	2000.00
PT	802236.537	2139958.397							
LINE			S 34°17'27.4" W	125.11					
PC	802133.173	2139887.911							
CURVE			S 35°15'44.2" W	33.90	01°56'33.6"(RT)	05°43'46.5"	33.91	16.95	1000.00
PT	802105.490	2139868.337							
LINE			S 36°14'01.0" W	34.34					
PC	802077.792	2139848.040							
CURVE			S 35°34'16.9" W	34.67	01°19'28.2"(LT)	03°49'11.0"	34.68	17.34	1500.00
PT	802049.588	2139827.870							
LINE			S 34°54'32.8" W	169.84					
POT	801910.307	2139730.673							

EY2 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	802215.124	2141354.155							
LINE			N 89°05'43.6" W	232.95					
PC	802218.802	2141121.237							
CURVE			S 61°06'32.2" W	293.18	59°35'28.5"(LT)	19°25'20.3"	306.82	168.92	295.00
PT	802077.155	2140864.550							
LINE			S 31°18'47.9" W	172.53					
POT	801929.758	2140774.884							

EY3 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	801677.980	2141251.693							
LINE			S 27°46'40.3" W	160.14					
PC	801536.293	2141177.060							
CURVE			S 48°37'11.4" W	217.03	41°41'02.2"(RT)	18°47'07.8"	221.89	116.11	305.00
PT	801392.823	2141014.212							
LINE			S 69°27'42.5" W	117.47					
PC	801351.612	2140904.211							
CURVE			S 62°39'40.8" W	76.97	13°36'03.4"(LT)	17°37'46.1"	77.15	38.76	325.00
PT	801316.264	2140835.840							

EY5 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	801080.652	2142412.892							
CURVE			S 09°19'16.1" W	770.54	19°43'07.7"(LT)	02°32'47.3"	774.36	391.05	2250.00
PT	800320.287	2142288.089							

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REVISIONS

6/22/99
05 OCT-2018 10:33
D:\Projects\2018\05-19-116 (Control Sheets)\Final\p5707_1s-rw2c-4.dgn
Drawn by: 305-278876

6/2/99

REVISIONS

24 APR 2025 15:18
U:\23430034
AL CARPENTER-1
carpenter
ven\external\exports\250424\p5707_ls_rw02d-1_250424.dgn

PROPOSED ALIGNMENT CONTROL SHEET

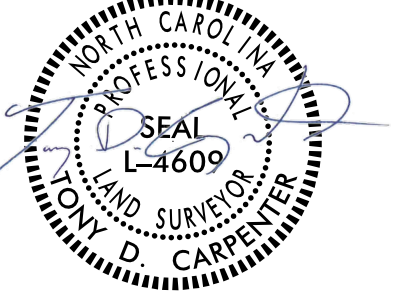
PROJECT REFERENCE NO.
P-5707

SHEET NO.
RW02D-1

Location and Surveys



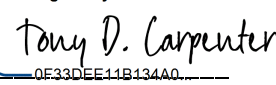
801 JONES FRANKLIN ROAD, SUITE 300
RALEIGH, NC 27608
LIC#06E NO. 1-5807
www.stantec.com



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, Tony D. Carpenter, 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 24th day of April, 2025.

Signed by:

Professional Land Surveyor L-4609

L			
TYPE	STATION	NORTH	EAST
POT	10+00.00	802329.3011	2140017.9768
PC	35+26.04	801149.7604	2142251.7123
PT	41+69.70	801028.7382	2142874.4915
POT	52+75.00	801141.2536	2143974.0515

DR1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	801034.4347	2142605.5347
PC	10+36.45	801070.5092	2142610.7777
PT	11+39.97	801148.6325	2142557.8902
PC	11+92.71	801160.9758	2142506.6212
PT	13+02.42	801245.1770	2142454.8934
POT	13+50.00	801291.4760	2142465.8684

DRY5			
TYPE	STATION	NORTH	EAST
POT	10+00.00	800552.1024	2142417.7212
PC	10+57.80	800609.7066	2142412.9989
PT	12+93.34	800781.1205	2142272.7470
PC	13+39.72	800793.9873	2142228.1869
PT	13+90.54	800816.0091	2142182.6566

DRY5A			
TYPE	STATION	NORTH	EAST
PC	10+00.00	800811.7093	2143363.3674
PT	10+82.30	800891.1370	2143382.5863
POT	11+27.64	800936.4527	2143384.0213

Y2			
TYPE	STATION	NORTH	EAST
POT	10+00.00	801929.6298	2140774.8476
PC	11+72.52	802077.0597	2140864.4521
PT	14+79.51	802218.8069	2141121.2457
POT	16+42.09	802216.2153	2141283.8112

Y3			
TYPE	STATION	NORTH	EAST
POT	10+00.00	801351.5942	2140904.5508
PC	11+17.14	801392.7291	2141014.2285
PT	13+38.60	801535.8741	2141176.8236
POT	14+99.09	801677.7879	2141251.7691

Y5			
TYPE	STATION	NORTH	EAST
PC	10+00.00	800379.0111	2142288.6498
PCC	11+38.20	800517.0434	2142295.1153
PT	13+83.41	800664.7043	2142460.7611
PC	16+97.19	800652.7154	2142774.3119
PRC	19+52.85	800764.1924	2142992.0992
PT	23+49.11	800938.1859	2143329.2899
PC	25+86.68	800930.6664	2143566.7460
PT	27+59.89	801043.5425	2143669.0721
POT	28+26.07	801109.1703	2143660.5172

NOTES:

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6/2/99

24 APR 2025 15:18
C:\Users\TonyD\OneDrive\Documents\250424\250424\F5707-1s-rw03e-1-250424.dgn
Tony D. Carpenter

REVISIONS

RIGHT OF WAY CONTROL SHEET

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
DR1	10+83.00	42.00	801136.2882	2142638.6665
DR1	13+04.00	48.00	801235.6450	2142501.9641
DR1	13+05.00	-25.00	801253.4557	2142431.1631

x

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
DRY5	12+13.95	40.00	800775.2811	2142367.9167

x x

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	15+25.00	44.53	802044.7737	2140461.4316
L	15+25.00	55.00	802035.5157	2140456.5428
L	16+00.00	55.00	802000.4943	2140522.8640
L	16+50.00	70.00	801963.8825	2140560.0739
L	18+58.14	70.00	801866.6909	2140744.1288
L	19+10.00	-80.00	801975.1173	2140860.0302
L	19+50.00	-80.00	801956.4393	2140895.4015
L	20+00.00	-95.00	801946.3559	2140946.6199
L	20+08.11	70.00	801796.6624	2140876.7442
L	22+50.00	70.00	801683.7113	2141090.6435
L	23+00.00	-95.00	801806.2703	2141211.9047
L	23+45.00	95.00	801617.2437	2141162.9765
L	23+50.00	-80.00	801769.6585	2141249.1145
L	24+50.00	-80.00	801722.9633	2141337.5428
L	25+00.00	85.00	801553.7090	2141304.7098
L	25+50.00	-120.00	801711.6394	2141444.6491
L	27+45.00	-140.00	801638.2694	2141626.4233
L	28+00.00	-165.00	801634.6941	2141686.7326
L	28+50.00	125.00	801354.9045	2141595.5307
L	29+00.00	-136.63	801562.9151	2141761.9152
L	29+93.08	130.00	801283.6697	2141719.7227
L	30+75.26	125.00	801249.7187	2141794.7245
L	32+00.00	139.00	801179.0913	2141898.4923
L	32+50.00	138.00	801156.6280	2141943.1734
L	33+82.77	-80.00	801287.4043	2142162.3754
L	35+25.00	94.00	801067.1246	2142206.8970
L	35+26.04	-80.00	801220.5031	2142289.0685
L	35+90.00	-75.00	801189.8160	2142340.1988
L	36+35.00	99.00	801012.0528	2142313.1289
L	36+40.00	-80.00	801176.1232	2142384.8727
L	36+70.00	-105.00	801189.5642	2142419.4927
L	36+70.50	99.00	800998.0507	2142349.2159
L	37+34.82	65.50	801007.7407	2142425.4250
L	39+55.00	-70.00	801097.5846	2142666.7158
L	40+00.00	65.50	800959.1797	2142701.5438
L	40+16.00	77.59	800946.3249	2142718.0190
L	40+16.00	65.50	800958.4051	2142718.4830
L	40+28.00	-65.00	801088.4375	2142734.7733
L	40+68.50	65.50	800957.6029	2142774.1123
L	40+68.50	49.00	800974.1022	2142773.9546
L	41+69.70	49.00	800979.9927	2142879.4795
L	41+70.00	-60.00	801088.4672	2142868.6839
L	41+90.00	-60.00	801090.4931	2142888.5800
L	42+35.00	-135.00	801169.6843	2142925.7115
L	43+00.00	-150.00	801191.2232	2142988.8469
L	43+21.66	49.00	800995.4617	2143030.6504
L	45+50.00	-60.00	801127.1397	2143246.7099
L	47+25.00	-53.02	801138.0094	2143421.5115
L	47+25.00	-60.00	801144.9540	2143420.8008
L	48+90.00	-45.09	801146.9215	2143586.4611
L	49+00.00	-52.00	801154.8099	2143595.7061
L	49+15.00	-52.00	801156.3368	2143610.6282
L	49+43.00	-80.00	801187.0417	2143635.6325
L	49+80.00	-80.00	801190.8081	2143672.4403
L	50+20.00	-45.03	801160.0893	2143715.7925
L	50+58.00	45.04	801074.3577	2143762.7637

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y2	11+10.00	35.84	802005.0147	2140862.6073
Y2	11+10.00	50.00	801997.6613	2140874.7061

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y3	11+90.00	40.00	801393.1182	2141101.2715
Y3	11+90.00	28.90	801402.2974	2141095.0225
Y3	11+90.00	-31.31	801452.0636	2141061.1427
Y3	11+90.00	-36.00	801455.9419	2141058.5025
Y3	12+45.00	-36.00	801486.6978	2141095.9291
Y3	13+00.00	-45.00	801528.8412	2141119.8684
Y3	13+38.60	40.00	801517.1947	2141212.1942
Y3	14+15.35	40.00	801585.0608	2141248.0347

x

x

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y5	11+30.00	34.46	800506.3511	2142328.8693
Y5	12+00.00	45.00	800556.1521	2142351.7394
Y5	12+55.00	35.00	800595.0496	2142368.1386
Y5	13+65.00	-75.00	800739.1274	2142436.6041
Y5	13+80.00	66.00	800598.8077	2142456.2356
Y5	13+83.41	-30.00	800694.6824	2142461.9073
Y5	15+20.00	77.00	800582.5418	2142594.3074
Y5	16+00.00	66.00	800590.4771	2142674.6693
Y5	16+00.00	77.00	800579.4851	2142674.2490
Y5	16+30.00	-30.00	800685.2608	2142708.3153
Y5	17+28.98	-30.50	800683.9002	2142803.3576
Y5	17+40.00	60.00	800595.2712	2142824.9771
Y5	17+40.00	52.00	800603.2006	2142823.9161
Y5	18+00.00	62.00	800611.9882	2142897.5645
Y5	18+50.00	56.00	800645.4102	2142949.7673
Y5	19+52.85	-30.50	800781.0699	2142966.6945
Y5	20+00.00	62.00	800761.5107	2143067.6274
Y5	20+45.00	-30.50	800856.5975	2143030.8989
Y5	22+00.00	63.00	800855.4804	2143204.6114
Y5	23+45.00	75.00	800863.3110	2143323.5985
Y5	24+35.00	30.00	800905.4824	2143414.1885
Y5	25+86.68	30.00	800900.6815	2143565.7965
Y5	26+30.00	40.00	800901.7499	2143624.6235
Y5	26+85.00	48.00	800944.7084	2143690.4259
Y5	27+53.00	48.00	801039.5955	2143717.6384

DRILL HOLE

x

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MARKER EXCEPTIONS:

x = SET MAG NAIL

x x = SET MASONRY NAIL

x x x = POINT NOT SET

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.
- RIGHT OF WAY MONUMENTATION ESTABLISHED DECEMBER 2018 TO APRIL 2025 .

PROJECT REFERENCE NO.
P-5707

SHEET NO.
RW03E-1

Location and Surveys



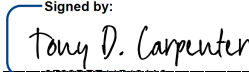
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RALEIGH, NC 27606
LIC#061602, F58072
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UNLESS ALL SIGNATURES COMPLETED

I, Tony D. Carpenter, certify that the right of way and permanent easement monumentation for this project shown herein 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 December 2018 to April 2025, and all coordinates are based on NAD83/NSRS 2007. That this survey was performed to meet the requirements of 21NCAC 58.1600 as applicable.

This 24th day of April, 2025.

Signed by:

Professional Land Surveyor L-4609

REVISIONS

24 APR 2025 15:18
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T.D. CARPENTER - L

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	14+33.02	70.00	802065.1997	2140368.2061
L	14+33.03	44.52	802087.7321	2140380.1088
L	15+05.00	70.00	802031.5905	2140431.8529
L	18+00.00	85.00	801880.5754	2140685.7120
L	18+09.00	-57.01	802001.9492	2140759.9820
L	18+23.83	-57.03	801995.0391	2140773.1022
L	18+58.15	75.57	801861.7617	2140741.5377
L	18+58.17	85.00	801853.4135	2140737.1495
L	19+60.00	-131.00	801996.8682	2140928.0588
L	19+70.00	-120.00	801982.4715	2140931.7652
L	20+08.11	75.49	801791.8035	2140874.1823
L	20+08.12	85.00	801783.3937	2140869.7483
L	20+20.00	-95.00	801937.0169	2140964.3055
L	20+40.00	-95.00	801927.6778	2140981.9912
L	22+50.00	85.00	801670.4470	2141083.6392
L	23+45.50	110.67	801603.1541	2141156.1059
L	25+00.00	100.00	801540.4448	2141297.7056
L	26+53.00	431.00	801176.3036	2141278.4397
L	26+56.00	411.00	801192.5884	2141290.4316
L	28+33.00	-210.00	801659.0774	2141736.9268
L	28+37.00	-154.50	801608.1359	2141714.5502
L	28+50.00	140.00	801341.6403	2141588.5264
L	28+71.86	-223.00	801652.4287	2141777.3577
L	29+20.00	145.00	801304.5322	2141648.0914
L	29+49.00	459.00	801013.3258	2141527.1127
L	29+50.00	480.00	800994.2890	2141518.1910
L	29+87.00	173.00	801248.4865	2141694.2637
L	29+97.82	145.00	801268.1949	2141716.9046
L	30+67.05	440.00	800975.0056	2141640.3705
L	30+69.76	460.00	800956.0520	2141633.4325
L	30+80.09	140.00	801234.2011	2141791.9875
L	31+35.00	-112.31	801431.6764	2141958.3658
L	31+46.01	427.00	800949.6265	2141716.2717
L	31+48.87	448.00	800929.7253	2141708.9868
L	32+00.00	154.00	801165.8271	2141891.4880
L	32+05.00	418.00	800930.0417	2141772.6341
L	32+12.00	437.00	800909.9717	2141769.9520
L	32+45.00	392.00	800934.3550	2141820.1461
L	32+50.00	153.00	801143.3638	2141936.1691
L	32+53.00	412.00	800912.9337	2141817.8814
L	33+00.00	-128.00	801368.4996	2142111.5967
L	33+65.00	-122.00	801332.8420	2142166.2734
L	34+10.00	-80.00	801274.6893	2142186.4541
L	35+26.00	109.00	801053.3935	2142200.7770
L	35+73.00	320.00	800839.6142	2142156.5372
L	35+75.00	341.00	800819.5190	2142149.9071
L	35+87.00	-322.00	801415.4748	2142440.6629
L	35+99.31	-323.80	801413.5356	2142449.3129
L	36+00.00	-273.00	801366.9220	2142429.1224
L	36+03.67	-314.67	801403.9416	2142448.4382
L	36+10.56	-316.33	801403.4946	2142453.6009
L	36+18.00	-290.00	801377.1806	2142448.1635
L	36+27.00	-276.00	801361.6885	2142448.8936
L	36+35.00	114.00	800998.1583	2142307.4770
L	36+67.00	133.00	800967.5243	2142333.7524
L	36+70.00	160.00	800941.0302	2142327.5371
L	36+71.39	114.00	800983.6386	2142344.9437
L	36+72.56	132.00	800966.2998	2142339.9401
L	36+74.54	160.00	800939.2334	2142332.4246
L	37+47.00	-313.00	801367.3867	2142543.8704
L	37+50.00	-298.00	801352.3787	2142541.7635
L	39+44.00	-304.00	801331.3357	2142680.7954
L	39+44.00	-320.00	801347.2490	2142682.4587
L	39+90.00	-178.97	801203.7925	2142706.1439
L	40+15.00	-165.00	801188.7682	2142726.4812
L	40+15.00	-147.33	801171.1118	2142725.7869
L	40+16.00	85.87	800938.0477	2142717.7010
L	40+32.00	-147.32	801170.6381	2142740.4919
L	40+32.00	-179.55	801202.8622	2142741.2583
L	40+35.00	105.00	800918.3155	2142737.7794
L	40+95.00	-315.24	801338.7293	2142789.3408
L	41+18.00	-298.00	801322.2446	2142806.6464
L	41+20.00	-313.00	801337.3016	2142807.2516
L	41+70.00	-510.35	801536.4703	2142822.8398
L	41+90.00	-501.13	801529.3299	2142843.6749
L	42+00.00	-110.00	801141.2513	2142893.4383
L	42+63.00	-192.00	801229.2385	2142947.7637
L	42+72.00	-143.54	801181.9449	2142961.6502
L	42+85.00	-224.00	801263.3118	2142966.3920
L	42+95.00	-178.00	801218.5687	2142981.0226
L	42+95.00	-178.00	801218.5687	2142981.0226
L	43+14.17	123.47	800920.6141	2143030.7844
L	43+30.00	-199.00	801243.0225	2143013.7031
L	43+37.00	-163.00	801207.9221	2143024.3314
L	43+50.00	-160.00	801206.2610	2143037.5692
L	43+58.00	-129.12	801176.3558	2143048.6711
L	43+58.00	-129.12	801176.3558	2143048.6711
L	44+15.00	-126.00	801179.0544	2143105.6927
L	44+15.00	-108.60	801161.7448	2143107.4639
L	50+25.45	65.20	801050.9911	2143732.4304

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REVISIONS

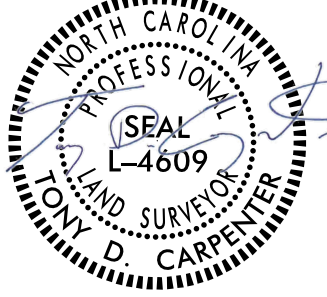
PROJECT REFERENCE NO.
P-5707

SHEET NO.
RW04

Location and Surveys



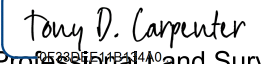
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LICENSE NO.: F64975
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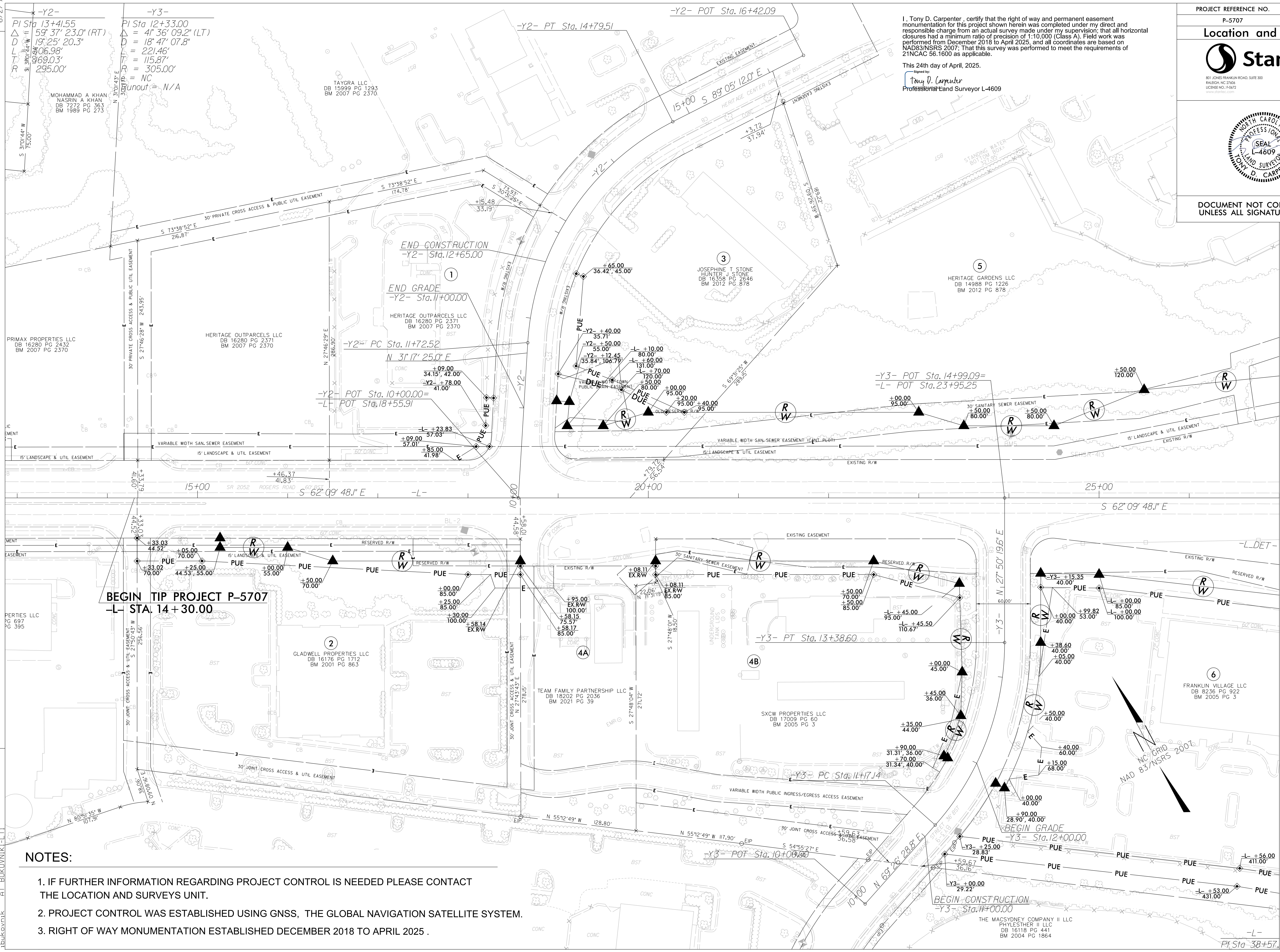
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, Tony D. Carpenter, certify that the right of way and permanent easement monumentation for this project shown herein 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 December 2018 to April 2025, and all coordinates are based on NAD83/NSRS 2007; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 24th day of April, 2025.

Signed by:

Professional Land Surveyor L-4609

MATCHLINE -L- STA. 27 + 00 SEE SHEET 5



- 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 DECEMBER 2018 TO APRIL 2025 .

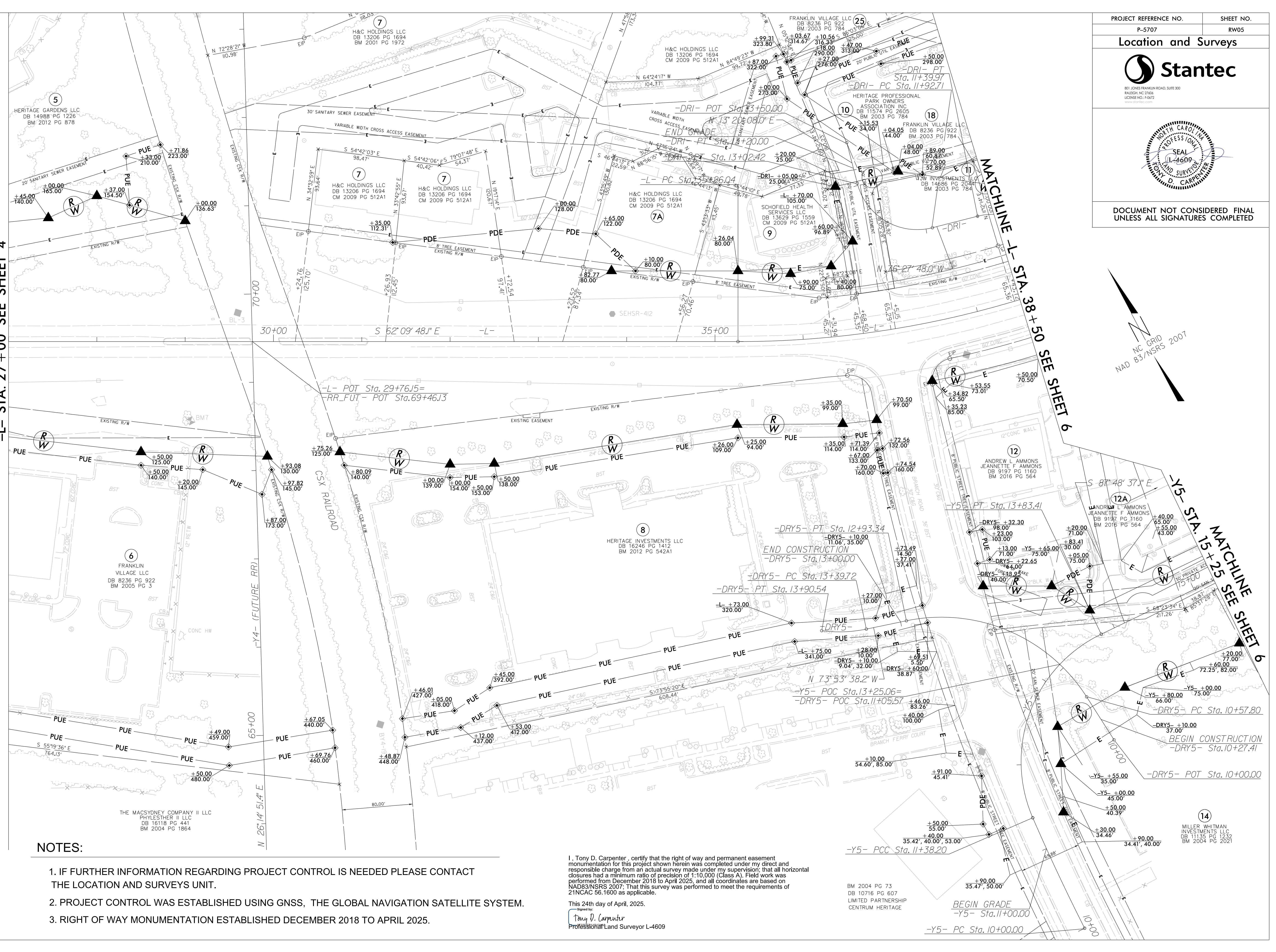
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6/2/2025

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REVISIONS

MATCHLINE -L- STA. 27+00 SEE SHEET 4



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 DECEMBER 2018 TO APRIL 2025.

I, Tony D. Carpenter, certify that the right of way and permanent easement monumentation for this project shown herein 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 December 2018 to April 2025, and all coordinates are based on NAD83/NSRS 2007; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 24th day of April, 2025.

Signed by:
Tony D. Carpenter
Professional Land Surveyor L-4609

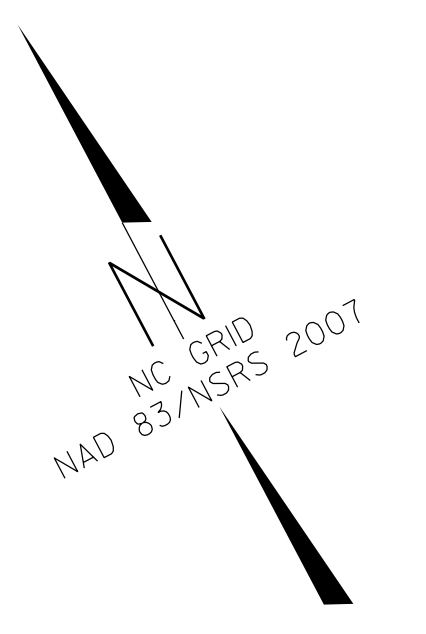
PROJECT REFERENCE NO.	SHEET NO.
P-5707	RW05

Location and Surveys


801 JONES FRANKLIN ROAD, SUITE 300
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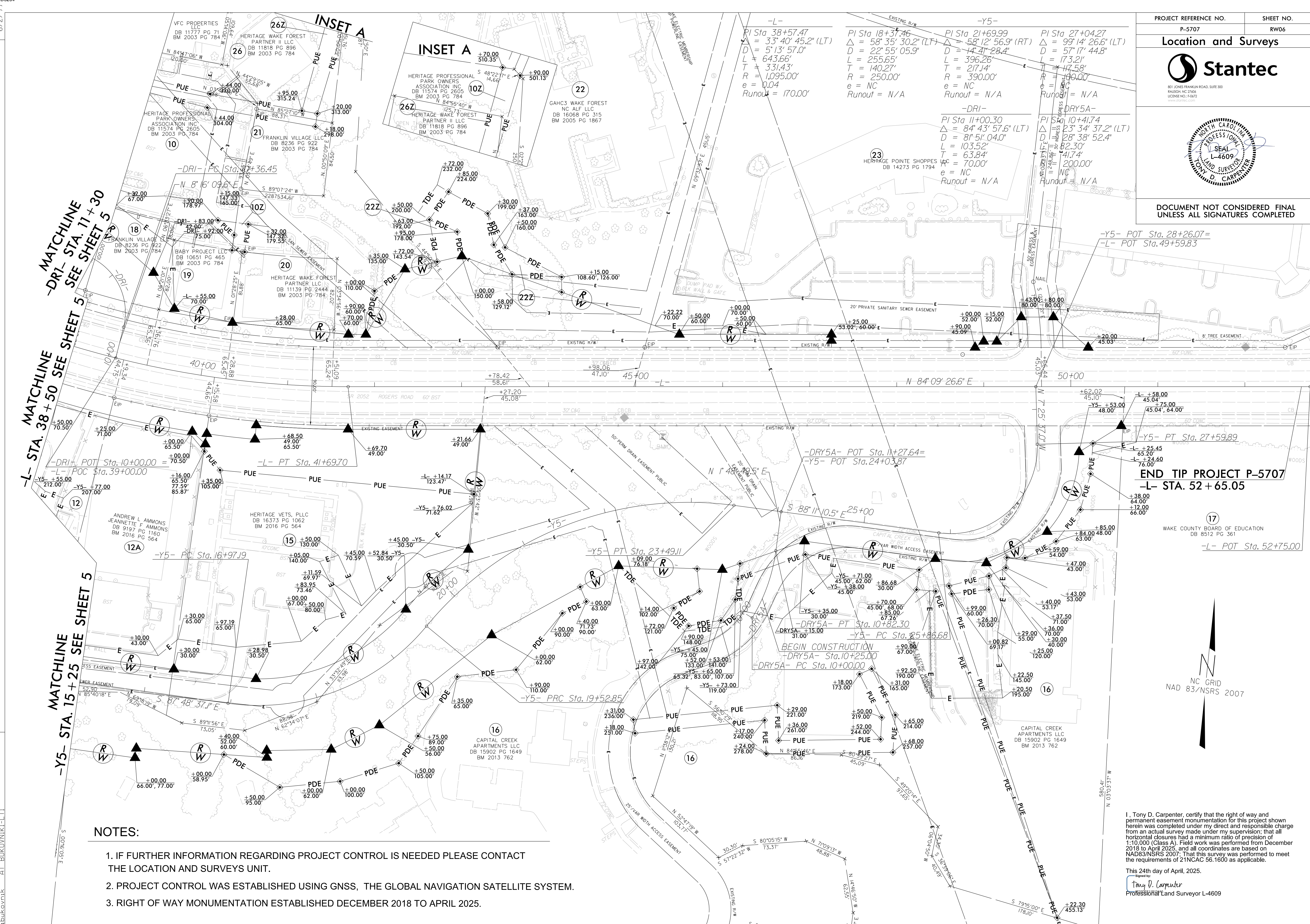
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MATCHLINE -Y5- STA. 15+25 SEE SHEET 6

BM 2004 PG 73
DB 10176 PG 607
LIMITED PARTNERSHIP
CENTRUM HERITAGE

BEGIN GRADE
-Y5- Sta. 10+00.00
-Y5- PC Sta. 10+00.00



I, Tony D. Carpenter, certify that the right of way and permanent easement monumentation for this project shown herein 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 December 2018 to April 2025, and all coordinates are based on NAD83/NSRS 2007; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 24th day of April, 2025.

Tony D. Carpenter
Professional Land Surveyor L-4609