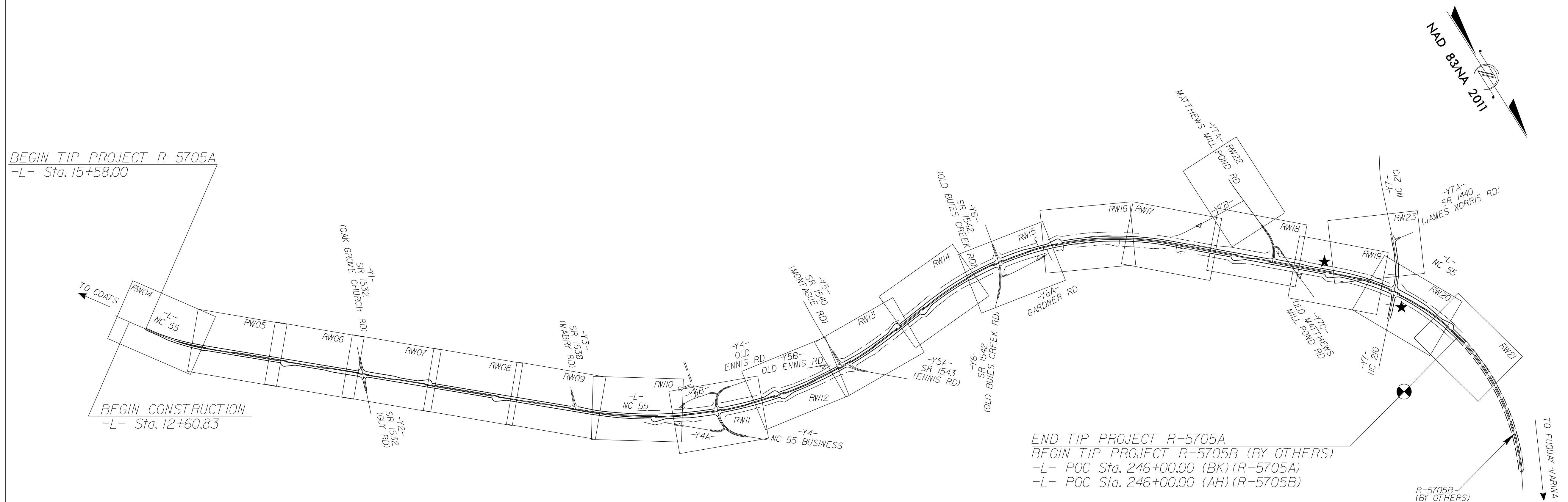


TIP PROJECT: R-5705A

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5705A	RW01	44

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

LOCATION: NC 55 FROM SOUTH OF SR 1532 (OAK GROVE CHURCH ROAD) TO NORTH OF NC 210

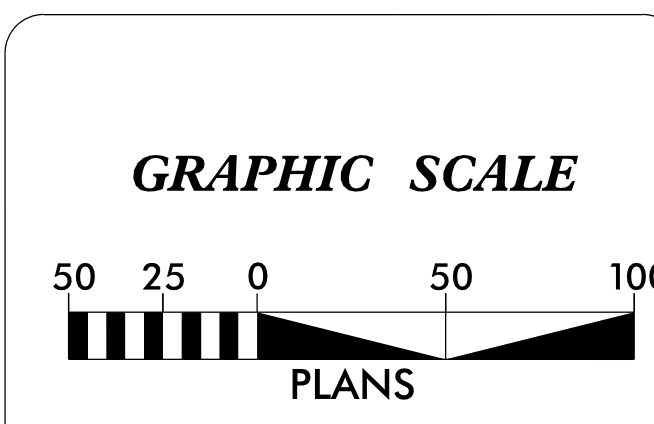


BEGIN TIP PROJECT R-5705A
-L- Sta. 15+58.00

BEGIN CONSTRUCTION
-L- Sta. 12+60.83

END TIP PROJECT R-5705A
BEGIN TIP PROJECT R-5705B (BY OTHERS)
-L- POC Sta. 246+00.00 (BK) (R-5705A)
-L- POC Sta. 246+00.00 (AH) (R-5705B)

24-OCT-2022 10:00
C:\GEL\Projects\2022\R-5705A-R0W\5705-rw_sheets\R5705A-1s.rw01.dgn
Jason Prevotte AT DESKTOP-EPRVSVF



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "R5705/U5751-AZ1" WITH NAD 83/NSRS NA2011 STATE PLANE GRID COORDINATES OF NORTHING: 644,697.210(ft) EASTING: 2,075,359.162(ft) ELEVATION: 320.901(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99987346

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "R5705/U5751-AZ1" TO -L- STATION 10+00.00 IS S 53-05'14.04" E 13,221.89(ft)

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

Prepared in the Office of:

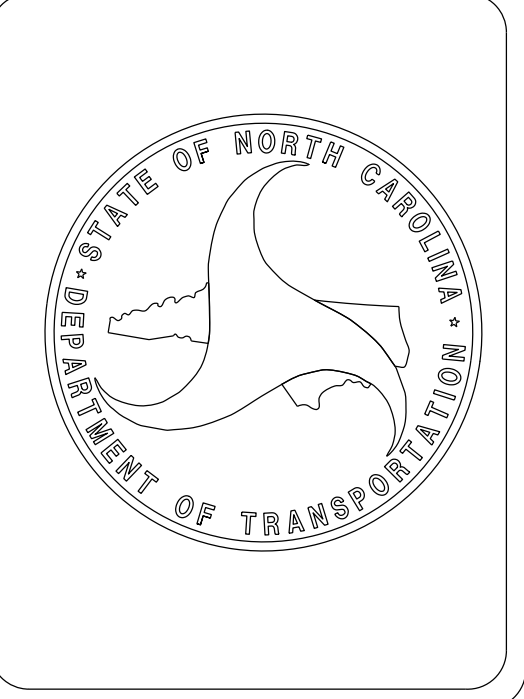
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 SUITE 106
 RALEIGH, NC 27616
 (919) 544-1100
 WWW.GEL-SOLUTIONS.COM

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: 03/09/2021	LETTING DATE: 3/21/2023
---	-----------------------------------

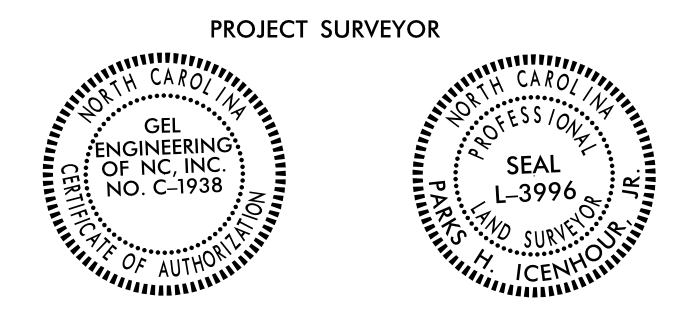
PROFESSIONAL LAND SURVEYOR

SIGNATURE: _____ Date: _____



Location and Surveys

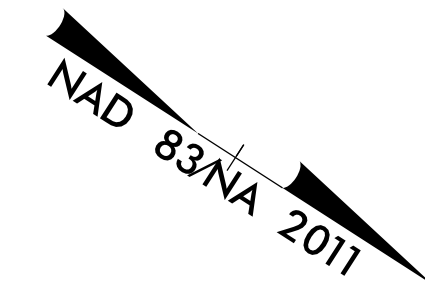
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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



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 Localized around: R5705/U5751-AZ1
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 Easting: 2075359.162
 Combined grid factor: 0.99987346
 Geoid model: G12NC
 Units: US Survey Feet

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This 30th day of September, 2022.

Professional Land Surveyor L-3996

**SEE SHEET RW02C-15
 FOR FUTHER
 ALIGNMENT DETAILS**

NOTES:

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6/2/19

REVISIONS

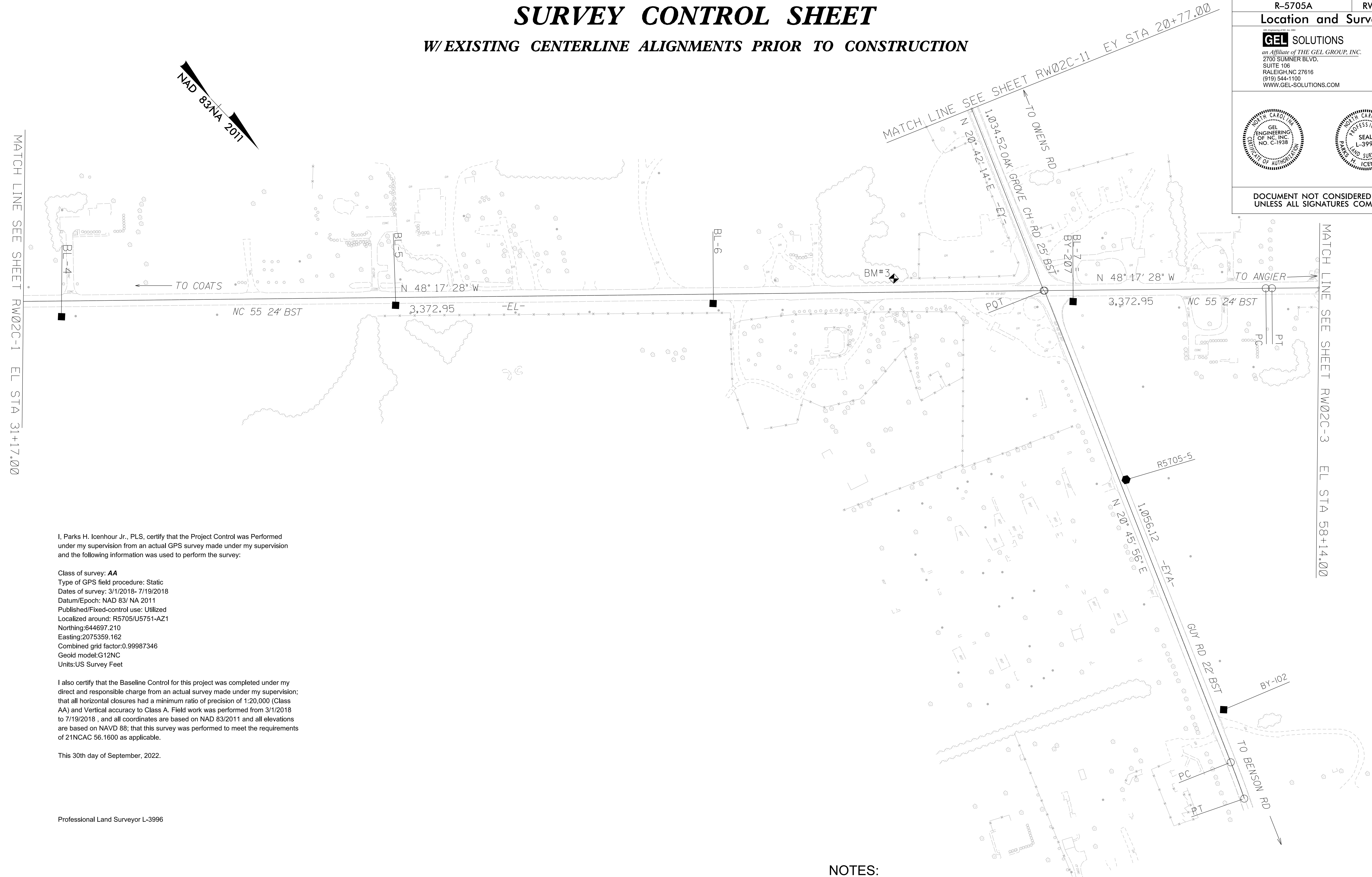
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 Jason Prevatte



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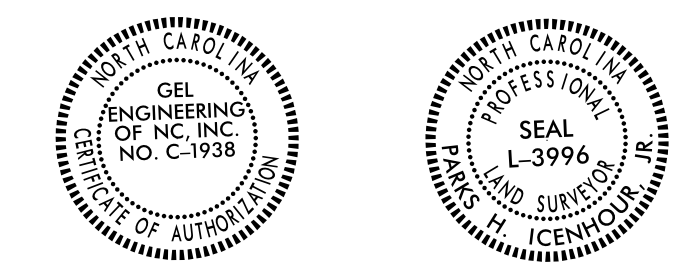
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6/2/19

REVISIONS

28-SEP-2022 07:41
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 Jason Prevatte

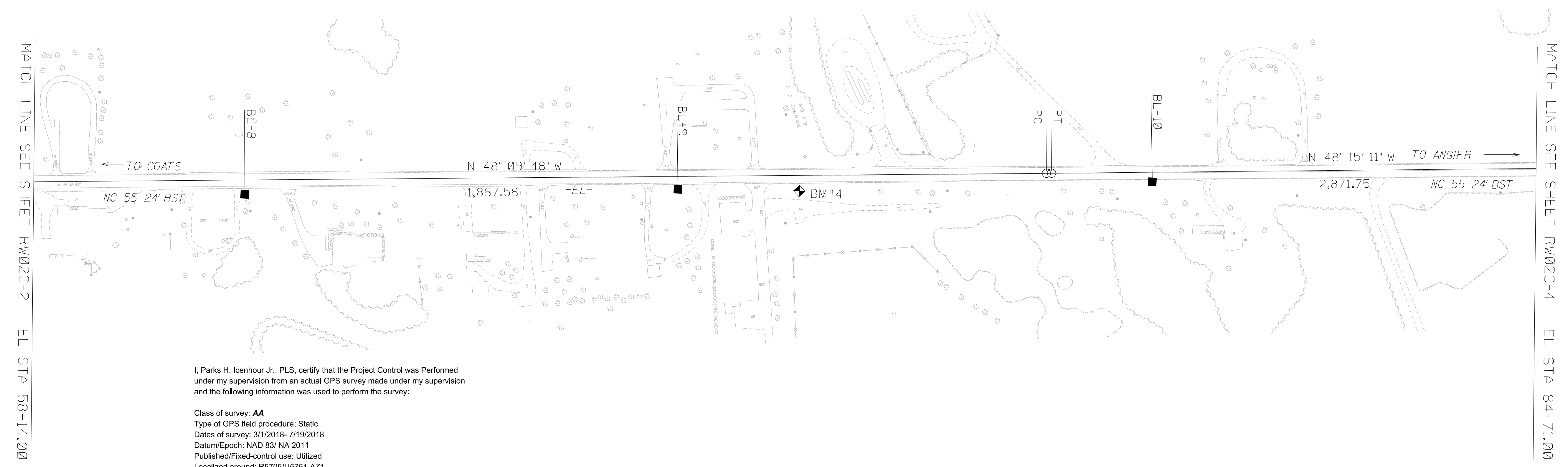
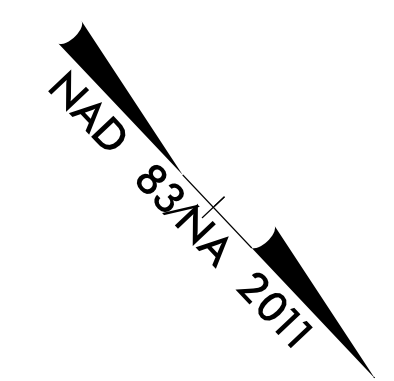
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Professional Land Surveyor L-3996


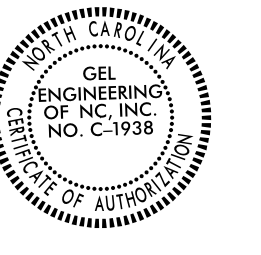

**SEE SHEET RW02C-15
FOR FUTHER
ALIGNMENT DETAILS**

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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. R-5705A	SHEET NO. RW02C-4
Location and Surveys	
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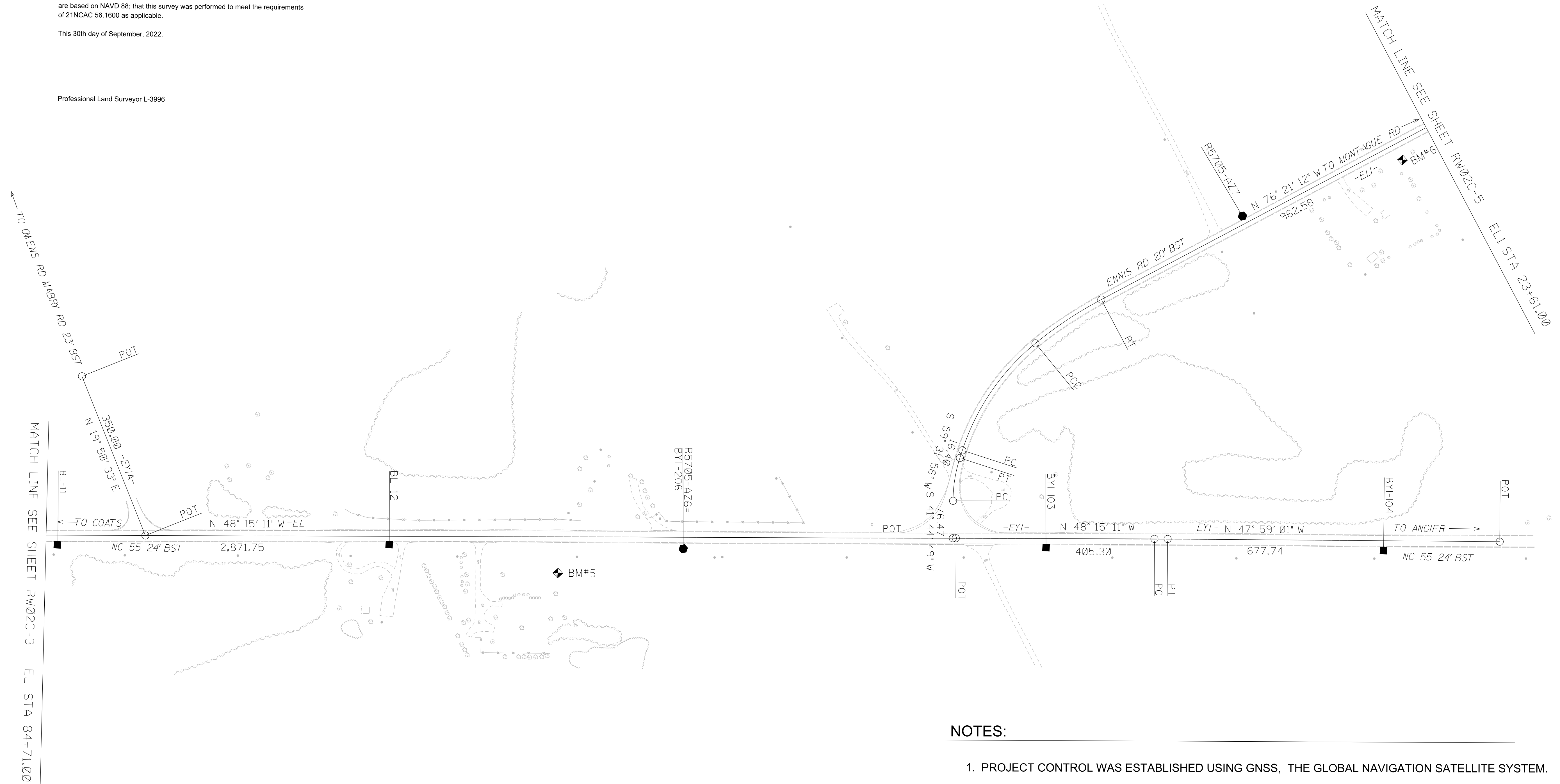
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This 30th day of September, 2022.

Professional Land Surveyor L-3996



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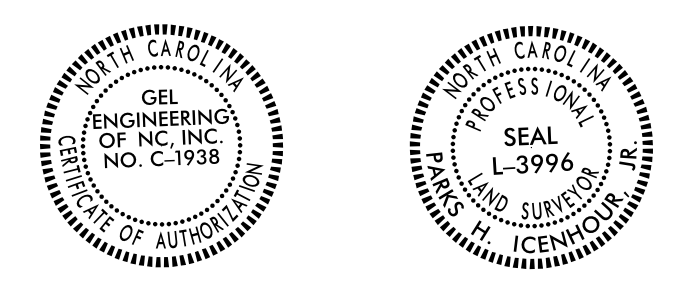
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**SEE SHEET RW02C-15
 FOR FUTHER
 ALIGNMENT DETAILS**

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Location and Surveys

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SURVEY CONTROL SHEET

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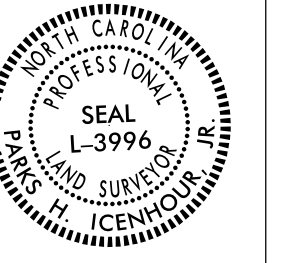
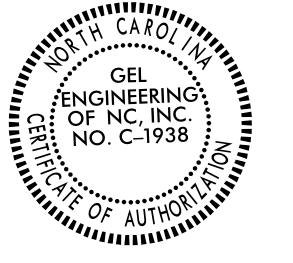
SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5705A	RW02C-6

Location and Surveys

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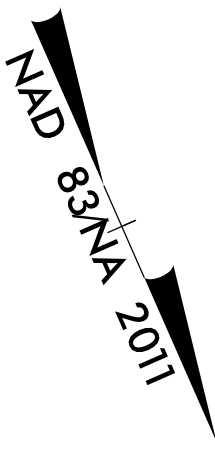
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Professional Land Surveyor L-3996



MATCH LINE SEE SHEET RW02C-5

MATCH LINE SEE SHEET RW02C-7
 EL2 STA 16+91.00

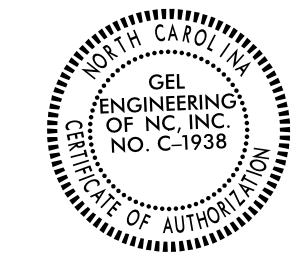
**SEE SHEET RW02C-15
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R5705-AZ31

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SURVEY CONTROL SHEET

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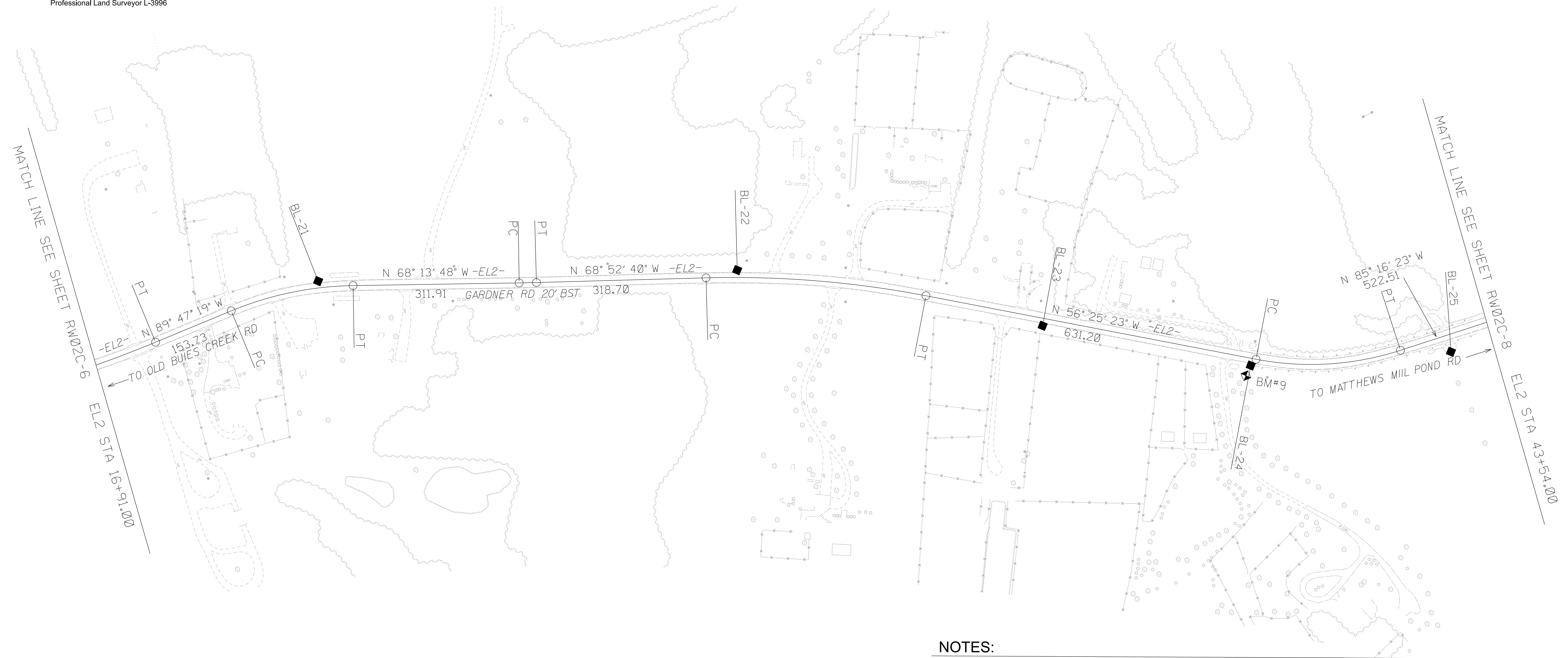
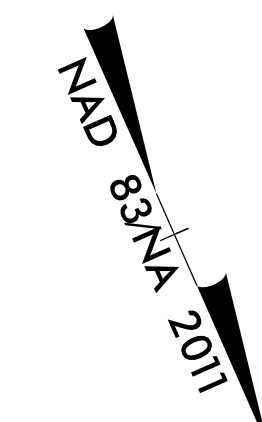
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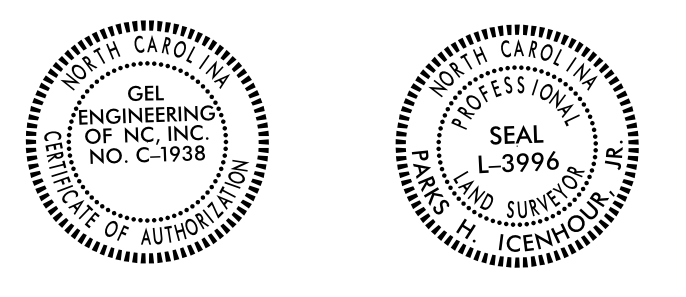
6/2/19

REVISIONS

28-SEP-2022 07:51
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 Jason Prevatte AT DESKTOP-EPRVSVF

Location and Surveys

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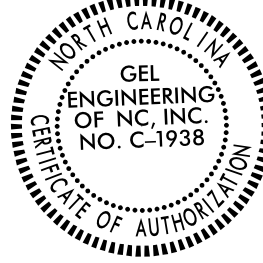
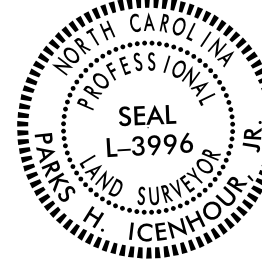
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SURVEY CONTROL SHEET

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PROJECT REFERENCE NO. R-5705A	SHEET NO. RW02C-9
Location and Surveys	
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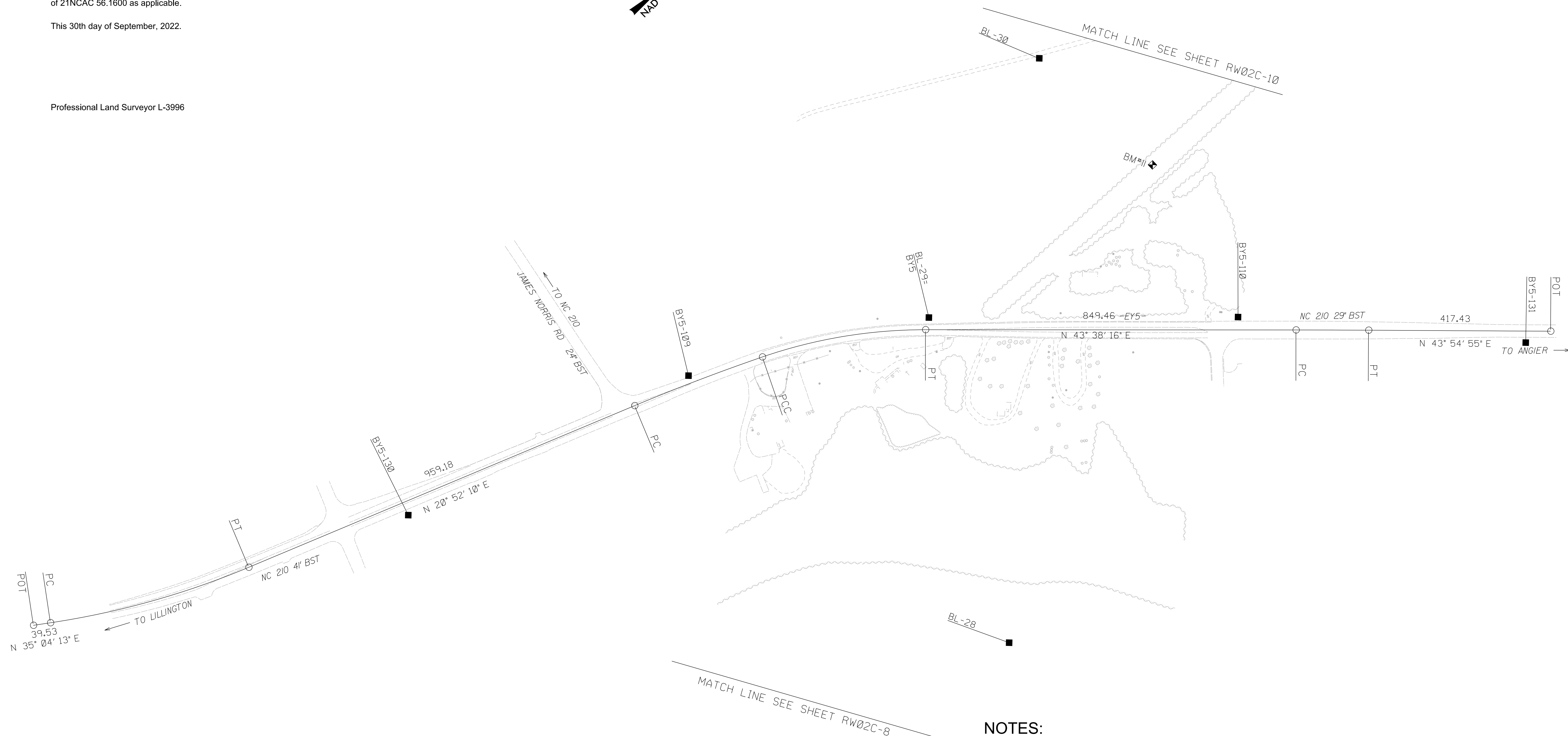
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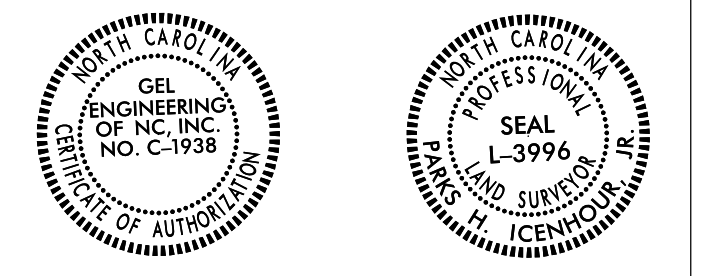
**SEE SHEET RW02C-15
 FOR FUTHER
 ALIGNMENT DETAILS**

REVISIONS

28-SEP-2022 07:55
 C:\GEL\projects\2022\R-5705A-ROW\5705a_control_sheets\5705a-1s-rw02c-9.dgn
 Jason Preatte AT DESKTOP-EPRVSVF

Location and Surveys

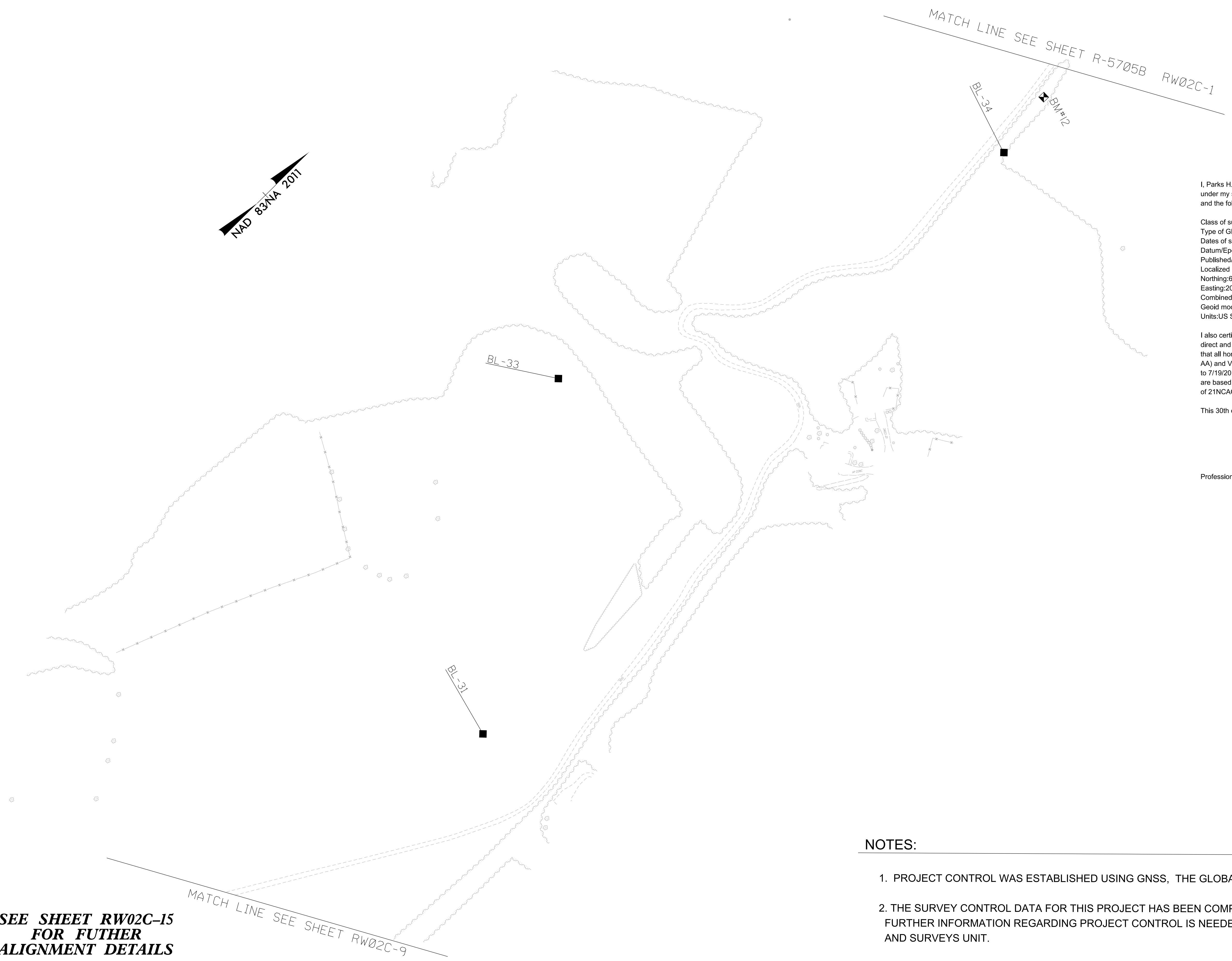
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 UNLESS ALL SIGNATURES COMPLETED

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



I, Parks H. Icenhour Jr., PLS, certify that the Project Control was Performed under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: AA
 Type of GPS field procedure: Static
 Dates of survey: 3/1/2018- 7/19/2018
 Datum/Epoch: NAD 83/ NA 2011
 Published/Fixed-control use: Utilized
 Localized around: R5705/U5751-AZ1
 Northing:644697.210
 Easting:2075359.162
 Combined grid factor:0.99987346
 Geoid model:G12NC
 Units:US Survey Feet

I also certify that the Baseline Control for this project 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 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from 3/1/2018 to 7/19/2018 , and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 30th day of September, 2022.

Professional Land Surveyor L-3996

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.

**SEE SHEET RW02C-15
 FOR FUTHER
 ALIGNMENT DETAILS**

6/2/09

REVISIONS

28-SEP-2022 07:56
 C:\GEL\projects\2022\R-5705A_ROW\5705a_control\sheets\5705a_1s_rw02c-10.dgn
 Jason P. Revette

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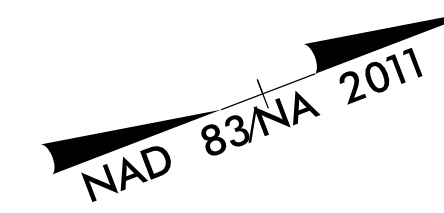
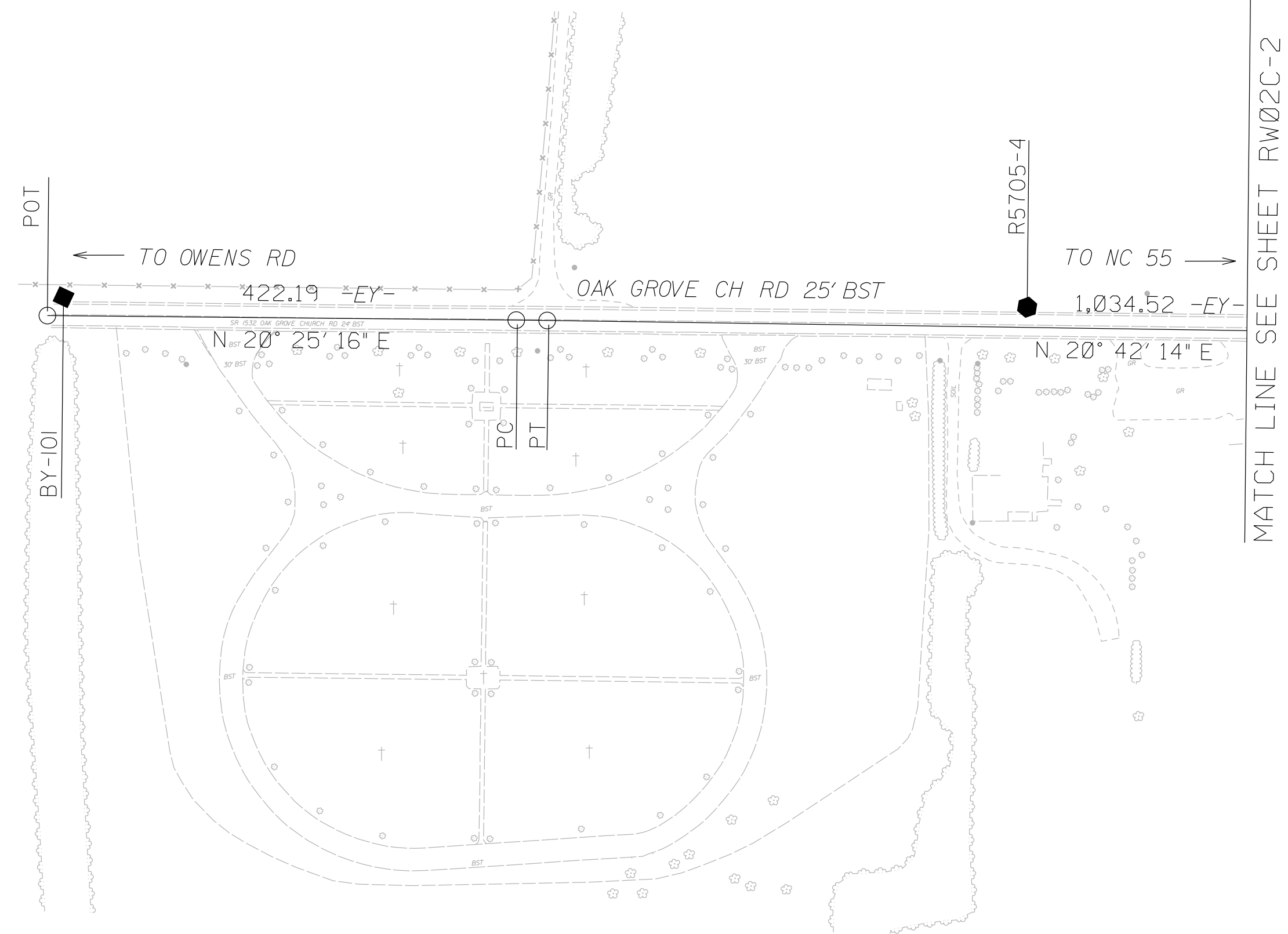
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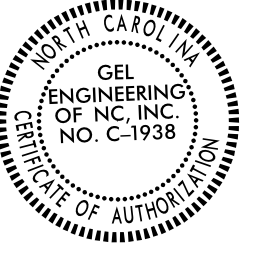
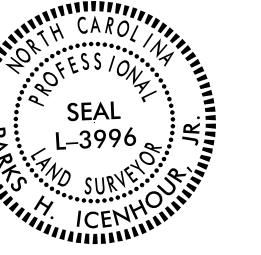
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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



PROJECT REFERENCE NO.	SHEET NO.
R-5705A	RW02C-11
Location and Surveys	
 GEL SOLUTIONS <small>an Affiliate of THE GEL GROUP, INC.</small> 2700 SUMNER BLVD. SUITE 106 RALEIGH, NC 27616 (919) 544-1100 WWW.GEL-SOLUTIONS.COM	
 	
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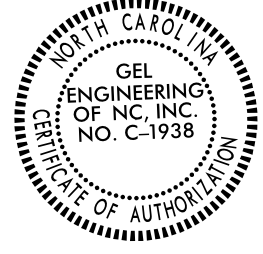
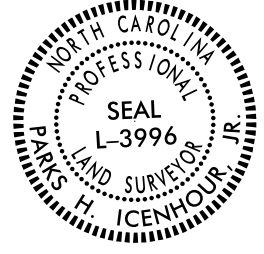
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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5705A	RW02C-12
Location and Surveys	
 GEL SOLUTIONS <small>an Affiliate of THE GEL GROUP, INC.</small> 2700 SUMNER BLVD. SUITE 106 RALEIGH, NC 27616 (919) 544-1100 WWW.GEL-SOLUTIONS.COM	
 	
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BL	POINT	DESC.	NORTH	EAST	ELEVATION
1		R5705 BL -1	623924.0990	2089674.6190	288.60
2		R5705 BL -2	624476.1040	2089298.9400	271.87
3		R5705 BL -3	624935.9230	2088872.8690	260.22
4		R5705 BL -4	625424.8890	2088346.7110	279.29
5		R5705 BL -5	625875.6410	2087815.1280	293.43
6		R5705 BL -6	626317.8470	2087323.3470	302.37
7		R5705 BL -7	626819.0920	2086766.4440	318.45
8		R5705 BL -8	627410.2650	2086108.7160	324.05
9		R5705 BL -9	627918.5090	2085536.1220	313.98
10		R5705 BL -10	628473.4060	2084906.9310	296.62
11		R5705 BL -11	629047.9210	2084265.3830	285.41
12		R5705 BL -12	629497.5550	2083760.1590	285.62
AZ6		R5705 AZ -6	629901.5140	2083316.6010	289.08
AZ7		R5705 AZ -7	630150.1075	2082011.8633	295.40
13		R5705 BL -13	630294.9283	2081425.6348	300.72
14		R5705 BL -14	630506.3093	2080788.7251	293.68
15		R5705 BL -15	630891.2739	2079981.5084	286.52
16		R5705 BL -16	630885.9603	2079417.2533	279.85
17		R5705 BL -17	630821.5032	2078787.3251	282.60
18		R5705 BL -18	630853.3277	2078265.3858	274.54
19		R5705 BL -19	630878.7292	2077717.8490	272.56
AZ30		R5705 AZ -30	631121.7714	2077009.2858	282.80
20		R5705 BL -20	631190.3511	2076425.9685	278.92
21		R5705 BL -21	631203.6205	2075833.3983	270.56
22		R5705 BL -22	631488.2956	2075099.4136	256.87
23		R5705 BL -23	631805.9927	2074610.5203	267.27
24		R5705 BL -24	632025.6355	2074278.6900	259.94
25		R5705 BL -25	632147.0386	2073921.8978	259.53
26		R5705 BL -26	632167.5544	2073446.3905	271.01
AZ32		R5705 AZ -32	632233.9010	2072913.1140	286.01
AZ33		R5705 AZ -33	633081.4720	2072838.5570	298.92
27		R5705 BL -27	633815.5957	2072410.0287	296.93
28		R5705 BL -28	634355.2682	2072141.5666	298.06
29		R5705 BL -29	634736.1190	2071474.7360	308.07
30		R5705 BL -30	635328.6554	2071218.8675	316.42
31		R5705 BL -31	636036.7311	2071388.1812	305.67
33		R5705 BL -33	636640.6629	2070974.4302	276.18
34		R5705 BL -34	637604.6983	2071263.2955	298.50

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Professional Land Surveyor L-3996

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REVISIONS

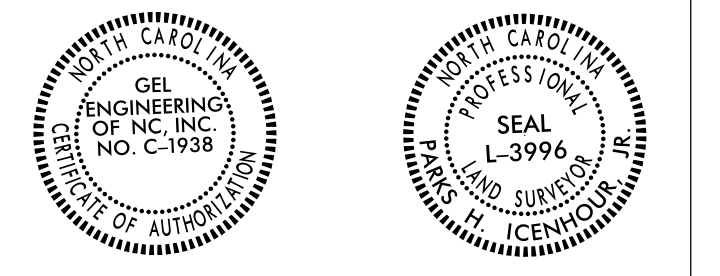
SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. R-5705A SHEET NO. RW02C-13

Location and Surveys

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BY	POINT	DESC.	NORTH	EAST	ELEVATION
101	R5705	BY-101	625390.3350	2086262.9260	314.69
AZ4	R5705	AZ-4	626201.3140	2086565.6950	314.61
207	R5705	BL-7	626819.0920	2086766.4440	318.45
AZ5	R5705	AZ-5	627167.6139	2086934.7790	319.89
102	R5705	BY-102	627658.4280	2087107.6400	319.99

 BM5 ELEVATION = 292.53
 N 629769 E 2083541
 BENCH NAIL IN BASE OF 48" WILLOW TREE

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
206	R5705	AZ-6	629901.5140	2083316.6010	289.08
103	R5705	BY1-103	630390.8690	2082760.8830	290.52
104	R5705	BY1-104	630852.8590	2082249.9730	275.49

 BM6 ELEVATION = 303.98
 N 630281 E 2081692
 BENCH NAIL IN BASE OF 44" OAK TREE

BY2	POINT	DESC.	NORTH	EAST	ELEVATION
105	R5705	BY2-105	630288.4320	2079972.7340	282.92
215	R5705	BL-15	630891.2739	2079981.5084	286.52
106	R5705	BY2-106	631277.8430	2079680.9550	288.44

 BM7 ELEVATION = 283.94
 N 630722 E 2078853
 BENCH NAIL IN BASE OF 30" PECAN TREE

BY3	POINT	DESC.	NORTH	EAST	ELEVATION
107	R5705	BY3-107	630585.5370	2076790.5720	275.03
230	R5705	AZ-30	631121.7714	2077009.2858	282.80
AZ31	R5705	AZ-31	631775.2130	2077614.4910	293.80

 BM8 ELEVATION = 284.32
 N 631045 E 2076981
 BENCH NAIL IN BASE OF 24" WILLOW TREE

BY4	POINT	DESC.	NORTH	EAST	ELEVATION
233	R5705	AZ-33	633081.4720	2072838.5570	298.92
108	R5705	BY4-108	633755.5280	2072797.4020	296.66

 BM9 ELEVATION = 260.58
 N 632040 E 2074294
 BENCH NAIL IN BASE OF 24" PINE TREE

BY5	POINT	DESC.	NORTH	EAST	ELEVATION
109	R5705	BY5-109	634245.1070	2071191.1850	298.59
229	R5705	BL-29	634736.1190	2071474.7360	308.07
110	R5705	BY5-110	635250.2300	2071962.7730	317.88

 BM10 ELEVATION = 300.66
 N 633307 E 2072861
 BENCH NAIL IN BASE OF 48" OAK TREE

 BM1 ELEVATION = 301.77
 N 623176 E 2090122
 BENCH NAIL IN BASE OF 22" PINE

 BM2 ELEVATION = 259.24
 N 624899 E 2088840
 BENCH NAIL IN BASE OF 15" PINE

 BM3 ELEVATION = 314.28
 N 626532 E 2087010
 BENCH NAIL IN BASE OF 26" PINE

 BM4 ELEVATION = 309.49
 N 628065 E 2085380
 BENCH NAIL IN BASE OF 15" MAPLE TREE

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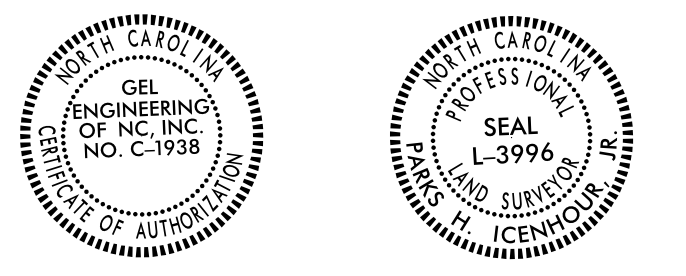
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EL		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	POINT	623760.753	2089765.221							
LINE				N 34°10'11.1" W	557.57					
PC		624222.074	2089452.064							
CURVE				N 35°00'07.0" W	367.41	01°39'51.8"(LT)	00°27'10.7"	367.43	183.73	12648.58
PCC		624523.035	2089241.313							
CURVE				N 42°03'45.6" W	406.15	12°27'25.6"(LT)	03°03'39.9"	406.95	204.28	1871.75
PT		624824.565	2088969.216							
LINE				N 48°17'28.4" W	3372.95					
PC		627068.737	2086451.189							
CURVE				N 48°13'38.2" W	12.79	00°07'40.5"(RT)	01°00'00.0"	12.79	6.40	5729.58
PT		627077.259	2086441.649							
LINE				N 48°09'47.9" W	1887.58					
PC		628336.295	2085035.307							
CURVE				N 48°12'29.7" W	8.99	00°05'23.5"(LT)	01°00'00.0"	8.99	4.49	5729.58
PT		628342.284	2085028.607							
LINE				N 48°15'11.4" W	2871.75					
POT	POINT	630254.409	2082886.013							

EL1		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	POINT	630250.457	2082890.442							
LINE				S 41°44'48.6" W	76.47					
PC		630193.404	2082839.526							
CURVE				S 50°38'22.3" W	88.57	17°47'07.3"(RT)	20°00'00.0"	88.93	44.82	286.48
PT		630137.233	2082771.046							
LINE				S 59°31'55.9" W	16.40					
PC		630128.915	2082756.906							
CURVE				S 75°52'33.4" W	264.52	32°41'14.9"(RT)	12°11'26.1"	268.14	137.83	470.00
PCC		630064.367	2082500.387							
CURVE				N 82°04'00.8" W	161.35	11°25'36.8"(RT)	07°04'12.5"	161.62	81.08	810.39
PT		630086.637	2082340.578							
LINE				N 76°21'12.4" W	962.58					
PC		630313.740	2081405.172							
CURVE				N 71°46'26.2" W	385.23	09°09'32.4"(RT)	02°22'30.0"	385.64	193.23	2412.45
PT		630434.228	2081039.267							
LINE				N 67°11'39.9" W	812.62					
PC		630749.204	2080290.171							
CURVE				N 56°49'26.9" W	294.68	20°44'26.1"(RT)	07°00'00.0"	296.29	149.79	818.51
PT		630910.456	2080043.527							
LINE				N 46°27'13.9" W	531.30					
POT	POINT	631276.488	2079658.431							

EL2		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	POINT	631093.055	2076960.395							
LINE				N 65°38'10.3" W	15.63					
PC		631099.503	2076946.156							
CURVE				N 71°43'33.4" W	121.57	12°10'46.2"(LT)	10°00'00.0"	121.79	61.13	572.96
PCC		631137.622	2076830.721							
CURVE				N 81°37'55.7" W	107.44	07°37'58.4"(LT)	07°05'57.3"	107.52	53.84	807.07
PT		631153.257	2076724.427							
LINE				N 85°26'54.9" W	392.95					
PC		631184.439	2076332.718							
CURVE				N 87°37'06.7" W	173.55	04°20'23.7"(LT)	02°30'00.0"	173.60	86.84	2291.83
PT		631191.650	2076159.313							
LINE				N 89°47'18.6" W	153.73					
PC		631192.218	2076005.581							
CURVE				N 79°00'33.3" W	233.80	21°33'30.6"(RT)	09°10'00.0"	235.18	119.00	625.04
PT		631236.792	2075776.071							
LINE				N 68°13'48.0" W	311.91					
PC		631352.475	2075486.402							
CURVE				N 68°33'13.9" W	32.39	00°38'51.9"(LT)	02°00'00.0"	32.39	16.19	2864.79
PT		631364.317	2075456.258							
LINE				N 68°52'39.9" W	318.70					
PC		631479.161	2075158.974							
CURVE				N 62°39'01.6" W	414.34	12°27'16.5"(RT)	03°00'00.0"	415.15	208.40	1909.86
PT		631669.515	2074790.953							
LINE				N 56°25'23.4" W	631.20					
PC		632018.600	2074265.075							
CURVE				N 70°50'53.4" W	271.87	28°51'00.0"(LT)	10°30'00.0"	274.76	140.36	545.67
PT		632107.793	2074008.254							
LINE				N 85°16'23.4" W	522.51					
PC		632150.851	2073487.523							
CURVE				N 85°50'55.7" W	115.13	01°09'04.6"(LT)	01°00'00.0"	115.13	57.57	5729.58
PT		632159.184	2073372.697							
LINE				N 86°25'28.0" W	188.85					
POT	POINT	632170.962	2073184.210							

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EYA POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	626762.080	2086795.267							
LINE			N 20°45'55.9" E	1056.12					
PC	627749.595	2087169.709							
CURVE			N 21°58'32.0" E	80.66	02°25'12.1"(RT)	03°00'00.0"	80.67	40.34	1909.86
PT	627824.396	2087199.893							

EY POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	625371.064	2086273.579							
LINE			N 20°25'16.1" E	422.19					
PC	625766.723	2086420.890							
CURVE			N 20°33'45.3" E	28.29	00°16'58.3"(RT)	01°00'00.0"	28.29	14.14	5729.58
PT	625793.208	2086430.825							
LINE			N 20°42'14.4" E	1034.52					
POT	626760.919	2086796.570							


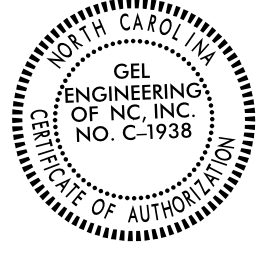
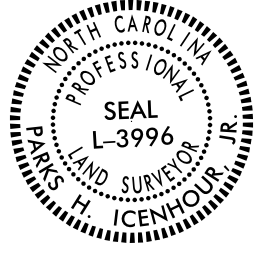
EY1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	630254.409	2082886.013							
LINE			N 48°15'11.4" W	405.30					
PC	630524.276	2082583.619							
CURVE			N 48°07'06.1" W	26.96	00°16'10.5"(RT)	01°00'00.0"	26.96	13.48	5729.58
PT	630542.273	2082563.548							
LINE			N 47°59'00.9" W	677.74					
POT	630995.916	2082060.017							

EY2 POINT	N	E	BEARING	DIST
POT	630256.697	2079993.789		
LINE			N 00°58'22.1" E	690.00
POT	630946.597	2080005.503		

EY3 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	630520.885	2076793.281							
LINE			N 12°08'31.1" E	289.98					
PC	630804.381	2076854.274							
CURVE			N 17°06'05.8" E	211.69	09°55'09.3"(RT)	04°40'47.4"	211.96	106.24	1224.31
PT	631006.713	2076916.526							
LINE			N 22°03'40.4" E	0.00					
PC	631006.713	2076916.526							
CURVE			N 32°02'20.7" E	197.53	19°57'20.6"(RT)	10°03'06.8"	198.53	100.28	570.00
PT	631174.153	2077021.313							
LINE			N 42°01'01.1" E	81.36					
PC	631234.601	2077075.773							
CURVE			N 44°19'59.5" E	153.58	04°37'56.9"(RT)	03°00'56.0"	153.62	76.85	1900.00
PT	631344.452	2077183.097							
LINE			N 46°38'57.9" E	181.56					
POT	631469.084	2077315.119							

EY4 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	632475.110	2072865.274							
LINE			N 03°51'23.7" W	503.71					
PC	632977.682	2072831.395							
CURVE			N 03°39'59.6" W	19.00	00°22'48.2"(RT)	02°00'00.0"	19.00	9.50	2864.79
PT	632996.646	2072830.180							
LINE			N 03°28'35.5" W	570.32					
PC	633565.911	2072795.596							
CURVE			N 03°35'39.2" W	11.77	00°14'07.5"(LT)	02°00'00.0"	11.77	5.89	2864.79
PT	633577.658	2072794.858							
LINE			N 03°42'43.0" W	600.20					
POT	634176.596	2072756.001							

EY5 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	632762.430	2070569.932							
LINE			N 35°04'12.8" E	39.53					
PC	632794.786	2070592.647							
CURVE			N 27°58'11.6" E	472.15	14°12'02.6"(LT)	03°00'00.0"	473.36	237.90	1909.86
PT	633211.783	2070814.087							
LINE			N 20°52'10.3" E	959.18					
PC	634108.035	2071155.786							
CURVE			N 22°43'40.2" E	313.44	03°42'59.8"(RT)	01°11'08.0"	313.49	156.80	4832.84
PCC	634397.134	2071276.884							
CURVE			N 34°06'42.9" E	379.28	19°03'05.5"(RT)	05°00'00.0"	381.03	192.29	1145.92
PT	634711.155	2071489.587							
LINE			N 43°38'15.6" E	849.46					
PC	635325.928	2072075.799							
CURVE			N 43°46'35.1" E	166.51	00°16'39.1"(RT)	00°10'00.0"	166.51	83.26	34377.47
PT	635446.158	2072191.001							
LINE			N 43°54'54.7" E	417.43					
POT	635746.862	2072480.528							

PROJECT REFERENCE NO. R-5705A	SHEET NO. RW02C-15
Location and Surveys	
 GEL SOLUTIONS <small>an Affiliate of THE GEL GROUP, INC. 2700 SUMNER BLVD. SUITE 108 RALEIGH, NC 27616 (919) 544-1100 WWW.GEL-SOLUTIONS.COM</small>	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Parks H. Icenhour Jr., PLS, certify that the Project Control was Performed under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
 Type of GPS field procedure: Static
 Dates of survey: 3/1/2018- 7/19/2018
 Datum/Epoch: NAD 83/ NA 2011
 Published/Fixed-control use: Utilized
 Localized around: R5705/U5751-AZ1
 Northing:644697.210
 Easting:2075359.162
 Combined grid factor:0.99987346
 Geoid model:G12NC
 Units:US Survey Feet

I also certify that the Baseline Control for this project 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 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from 3/1/2018 to 7/19/2018 , and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 30th day of September, 2022.


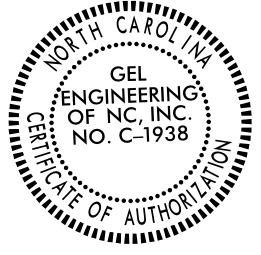

Professional Land Surveyor L-3996

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.

REVISIONS

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. R-5705A	SHEET NO. RW02D-1
Location and Surveys	
 an Affiliate of THE GEL GROUP, INC. 2700 SUMNER BLVD. SUITE 106 RALEIGH, NC 27616 (919) 544-1100 WWW.GEL-SOLUTIONS.COM	
 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Parks H. Icenhour Jr., 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 25th day of October, 2022.

Professional Land Surveyor L-3996

L			
TYPE	STATION	NORTH	EAST
POT	10+00.00	623760.7527	2089765.2210
PC	17+49.20	624380.6251	2089344.4344
PT	26+11.83	625027.7392	2088777.3203
PC	56+56.89	627053.7530	2086504.0728
PT	57+68.53	627128.1226	2086420.8153
PC	75+52.36	628317.9552	2085091.7739
PT	76+69.99	628396.3474	2085004.0716
PC	90+33.37	629304.1420	2083986.8605
PT	144+37.45	630920.2300	2078992.0242
PC	152+35.90	630838.3120	2078197.7854
PT	194+73.82	632135.8309	2074295.6594
TS	222+05.73	633987.6014	2072287.1042
SC	224+45.73	634152.1607	2072112.4190
CS	271+25.93	638470.5209	2071394.8041
ST	273+65.93	638682.7332	2071506.8782
POT	303+16.42	641276.7606	2072912.7206

Y5A			
TYPE	STATION	NORTH	EAST
POT	10+00.00	630949.7072	2079909.2366
PC	10+47.99	630993.9531	2079890.6440
PT	12+68.10	631173.7981	2079766.4691
PC	13+38.66	631222.4066	2079715.3289
PT	14+42.82	631293.4796	2079639.1800
POT	20+46.00	631701.0144	2079194.5038

Y5B			
TYPE	STATION	NORTH	EAST
POT	10+00.00	630656.5378	2080510.5567
PC	12+39.08	630749.2049	2080290.1704
PT	14+00.00	630825.7147	2080148.8924

Y6			
TYPE	STATION	NORTH	EAST
POT	10+00.00	630238.0587	2076732.9429
PC	15+06.43	630733.1641	2076839.4637
PT	22+17.11	631343.0262	2077183.0431
POT	23+98.00	631467.1989	2077314.5791

Y6A			
TYPE	STATION	NORTH	EAST
POT	10+00.00	631084.2811	2076976.5897
PC	10+30.38	631097.3720	2076949.1730
PCC	11+97.53	631144.7607	2076789.5955
PT	13+23.36	631158.0291	2076664.4779
PC	16+56.17	631184.4383	2076332.7241
PT	18+29.78	631191.6505	2076159.3063
POT	19+06.00	631191.9319	2076083.0839

Y7C			
TYPE	STATION	NORTH	EAST
POT	13+61.45	633099.4892	2072879.6986
PC	13+76.82	633105.4310	2072865.5197
PT	14+60.32	633170.0549	2072819.6448
PC	18+01.16	633510.2689	2072798.9763
PT	19+24.42	633633.2862	2072791.2492
POT	24+67.01	634174.7327	2072756.1222

Y1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	626361.4893	2086642.3989
POT	14+55.00	626787.1051	2086803.2597

Y2			
TYPE	STATION	NORTH	EAST
POT	10+00.00	626786.4647	2086803.9782
POT	17+00.00	627440.9921	2087052.1594

Y3			
TYPE	STATION	NORTH	EAST
POT	10+00.00	628824.7688	2084001.4725
POT	13+75.00	629177.5045	2084128.7616

Y7			
TYPE	STATION	NORTH	EAST
POT	10+00.00	632762.4304	2070569.9321
PC	10+39.69	632794.9140	2070592.7368
PT	15+16.04	633214.7119	2070815.2422
PC	23+98.02	634039.3226	2071128.1468
PCC	27+80.06	634392.1090	2071274.5996
PT	31+66.61	634711.1548	2071489.5873
PC	40+16.08	635325.9278	2072075.7989
PT	41+82.59	635446.1585	2072191.0011
POT	46+00.00	635746.8455	2072480.5122

Y7D			
TYPE	STATION	NORTH	EAST
POT	8+00.00	632156.6149	2072886.7444
PC	15+02.62	632857.6389	2072839.4872
PT	19+35.47	633254.7710	2072979.4083
POT	20+05.00	633305.8887	2073026.5358

Y4			
TYPE	STATION	NORTH	EAST
POT	10+00.00	630313.7400	2081405.1722
PC	14+21.25	630214.3544	2081814.5272
PT	17+75.36	630361.6666	2082104.4968
PC	19+25.01	630499.9394	2082161.7428
PT	24+81.05	631008.0947	2082045.2826
POT	29+26.00	631304.0533	2081713.0308

Y7A			
TYPE	STATION	NORTH	EAST
POT	10+00.00	631236.1285	2072913.2452
PC	16+24.24	631860.3386	2072906.8221
PT	48+15.26	634102.2976	2071003.1057

Y4A			
TYPE	STATION	NORTH	EAST
POT	10+00.00	630170.5500	2082979.9796
PC	14+85.91	630494.0897	2082617.4437
PT	16+03.54	630572.6186	2082529.8653
PC	18+45.50	630734.5732	2082350.1001
PT	19+90.38	630770.8567	2082215.3032
POT	20+20.00	630764.7562	2082186.3189

Y4B			
TYPE	STATION	NORTH	EAST
PC	10+00.00	630084.7913	2082656.7880
PCC	11+58.42	630064.3652	2082500.4415
PT	13+20.06	630086.6276	2082340.6157
PC	15+59.63	630143.1506	2082107.8056
PT	16+85.27	630216.7070	2082010.2534
POT	17+12.00	630239.9500	2081997.0429

Y7B			
TYPE	STATION	NORTH	EAST
POT	10+00.00	632188.4758	2072879.8791
PC	15+68.33	632153.0325	2073447.0984
PT	16+83.45	632144.6986	2073561.9235
PC	20+76.69	632112.2941	2073953.8197
PCC	21+93.41	632097.8411	2074069.6044
PT	23+46.04	632047.8318	2074213.0440

Y5			
TYPE	STATION	NORTH	EAST
POT	10+00.00	629684.3493	2079961.9168
PC	10+71.85	629755.9681	2079967.6209
PT	16+37.25	630320.6217	2079994.8740
POT	22+62.00	630945.2832	2080005.4809


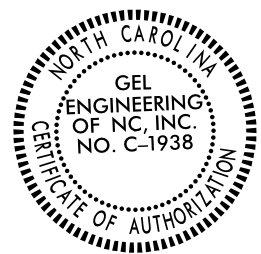
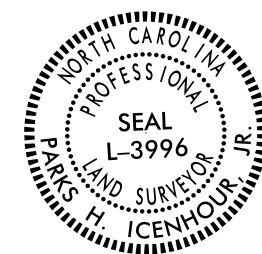
NOTES:

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REVISIONS

C:\GEL\2022\1033\2022-R-5705A_ROW\5705a.rw.sheets\1.dgn
 AT DESKTOP-EPRI\SVP
 Jason
 Private
 24-OCT-2022 10:33

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO. R-5705A	SHEET NO. RW03E-1
Location and Surveys	
 an Affiliate of THE GEL GROUP, INC. 2700 SUMNER BLVD. SUITE 106 RALEIGH, NC 27616 (919) 544-1100 WWW.GEL-SOLUTIONS.COM	
 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	12+60.83	90.00	624027.1040	2089693.1918
L	12+78.91	30.00	624008.3644	2089633.3945
L	13+40.00	90.00	624092.6092	2089648.7251
L	14+00.00	90.00	624142.2518	2089615.0263
L	16+21.00	-30.16	624257.6150	2089391.4853
L	16+29.00	-75.00	624239.0495	2089349.8920
L	17+49.20	-75.00	624338.5002	2089282.3821
L	17+49.20	90.00	624431.1733	2089418.8984
L	18+62.00	-75.00	624428.8124	2089218.9260
L	19+22.00	-75.00	624476.0053	2089183.9959
L	20+23.00	-75.00	624554.0728	2089123.3855
L	20+83.00	-83.00	624594.5064	2089080.1611
L	21+64.00	90.00	624768.2260	2089159.6615
L	22+90.00	110.00	624877.9236	2089087.8237
L	24+50.00	110.00	624995.9580	2088972.5086
L	25+20.00	-110.00	624885.5750	2088769.7511
L	25+20.00	130.00	625060.4928	2088934.0794
L	26+11.83	130.00	625124.7890	2088863.8151
L	26+11.83	-110.00	624945.6202	2088704.1324
L	26+90.00	-90.00	625012.5583	2088659.0855
L	28+70.00	-90.00	625132.3204	2088524.7089
L	29+27.00	95.00	625308.3542	2088605.2451
L	29+30.00	-90.00	625172.2410	2088479.9167
L	31+86.00	-90.00	625342.5693	2088288.8034
L	32+46.00	-90.00	625382.4899	2088244.0113
L	32+70.00	95.00	625536.5674	2088349.1831
L	33+30.00	95.00	625576.4881	2088304.3910
L	35+60.00	-90.00	625591.4081	2088009.5988
L	36+20.00	-90.00	625631.3288	2087964.8067
L	36+45.00	95.00	625786.0717	2088069.2320
L	37+05.00	95.00	625825.9923	2088024.4398
L	38+22.00	-90.00	625765.7284	2087814.0063
L	38+36.00	95.00	625913.1525	2087926.6436
L	38+82.00	-90.00	625805.6491	2087769.2141
L	39+20.00	145.00	626006.3683	2087897.2017
L	39+87.00	-90.00	625875.5103	2087690.8278
L	40+47.00	-90.00	625915.4310	2087646.0356
L	41+11.00	-90.00	625958.0130	2087598.2573
L	41+50.00	95.00	626122.0707	2087692.2311
L	42+15.00	-90.00	626027.2089	2087520.6175
L	42+79.00	-90.00	626069.7909	2087472.8392
L	43+07.00	130.00	626252.6586	2087598.3120
L	43+39.00	-90.00	626109.7116	2087428.0470
L	43+50.00	130.00	626281.2684	2087566.2109
L	44+10.00	105.00	626302.5257	2087504.7851
L	44+15.00	-90.00	626160.2778	2087371.3102
L	44+75.00	-90.00	626200.1985	2087326.5181
L	45+78.00	105.00	626414.3036	2087379.3670
L	46+38.00	105.00	626454.2242	2087334.5748
L	47+34.00	-90.00	626372.5227	2087133.1651
L	48+24.00	-90.00	626432.4037	2087065.9769
L	51+40.00	-90.00	626642.6526	2086830.0714
L	51+67.00	105.00	626806.1915	2086939.6571
L	52+90.00	-100.00	626734.9890	2086711.4375
L	53+77.00	95.00	626938.4485	2086776.2310
L	53+95.00	-100.00	626804.8502	2086633.0512
L	54+55.00	-107.00	626839.5451	2086583.6016
L	55+00.00	-112.50	626865.3796	2086546.3480
L	55+97.00	-105.00	626935.5171	2086478.9241
L	56+56.89	95.00	627124.6740	2086567.2806
L	56+56.89	-100.00	626979.0973	2086437.5408
L	57+68.54	95.00	627198.9097	2086484.1729
L	57+68.93	-90.00	627061.3353	2086360.4860
L	58+25.00	-90.00	627098.7346	2086318.7111
L	58+85.00	-90.00	627138.7552	2086274.0082

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	60+20.00	-90.00	627228.8015	2086173.4265
L	60+80.00	-90.00	627268.8221	2086128.7236
L	61+75.00	-90.00	627332.1880	2086057.9440
L	61+75.00	95.00	627470.0221	2086181.3408
L	63+56.00	-115.00	627434.2905	2085906.4148
L	64+25.00	95.00	627636.7745	2085995.0785
L	64+45.00	-85.00	627516.0059	2085860.1158
L	66+51.00	95.00	627787.5187	2085826.6974
L	66+58.00	-85.00	627658.0790	2085701.4203
L	67+11.00	95.00	627827.5393	2085781.9945
L	67+18.00	-85.00	627698.0995	2085656.7174
L	68+54.00	95.00	627922.9217	2085675.4525
L	69+05.00	-85.00	627822.8304	2085517.3933
L	69+65.00	-95.00	627855.4005	2085466.0202
L	69+67.00	110.00	628009.4695	2085601.2671
L	70+60.00	-95.00	627918.7664	2085395.2406
L	70+73.00	110.00	628080.1726	2085522.2919
L	71+20.00	-95.00	627958.7870	2085350.5376
L	72+32.00	110.00	628186.2271	2085403.8291
L	72+88.00	-95.00	628070.8446	2085225.3694
L	73+48.00	-95.00	628110.8652	2085180.6665
L	73+62.00	110.00	628272.9384	2085306.9728
L	73+98.00	-95.00	628144.2157	2085143.4140
L	74+22.00	110.00	628312.9592	2085262.2696
L	74+58.00	-95.00	628184.2363	2085098.7111
L	74+97.00	142.00	628386.8263	2085227.7355
L	75+52.36	-95.00	628247.1753	2085028.4083
L	76+69.99	-95.00	628325.4685	2084940.8168
L	76+84.00	90.00	628472.8235	2085053.5454
L	77+30.00	-95.00	628365.4247	2084896.0446
L	78+39.00	90.00	628576.0287	2084937.9008
L	78+97.00	110.00	628629.5694	2084907.9442
L	79+57.00	110.00	628669.5198	2084863.1785
L	80+34.00	-95.00	628567.8402	2084669.2320
L	80+94.00	-95.00	628607.7906	2084624.4663
L	81+74.00	110.00	628814.0072	2084701.2761
L	82+35.00	-95.00	628701.6741	2084519.2671
L	82+54.00	100.00	628859.8135	2084634.9301
L	82+95.00	-95.00	628741.6245	2084474.5014
L	87+25.00	-95.00	629027.9359	2084153.6809
L	88+75.00	-123.00	629106.9205	2084023.1231
L	90+33.37	100.00	629378.7515	2084053.4445
L	90+52.00	-123.00	629224.5208	2083891.3101
L	91+30.00	-100.00	629292.3511	2083848.8244
L	91+58.00	115.00	629473.4804	2083967.9997
L	92+20.00	-100.00	629349.8998	2083781.4397
L	92+80.00	-100.00	629387.7450	2083736.0767
L	93+06.00	115.00	629570.2859	2083852.6150
L	93+66.00	100.00	629597.0910	2083795.8126
L	94+76.00	95.00	629662.4123	2083705.1287
L	95+36.00	95.00	629699.5397	2083656.8843
L	97+70.00	95.00	629840.0377	2083465.5143
L	98+19.00	-100.00	629708.4986	2083313.4582
L	98+30.00	95.00	629874.9458	2083415.6404
L	98+79.00	-100.00	629742.0087	2083264.8050
L	99+88.00	95.00	629964.6532	2083282.7858
L	100+88.00	120.00	630040.8475	2083211.0034
L	100+88.00	-100.00	629855.1994	2083092.9576
L	101+68.00	140.00	630101.1494	2083152.5044

I, Parks H. Icenhour Jr., 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 6/13/2022 to 9/12/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 25th day of October, 2022.

Professional Land Surveyor L-3996

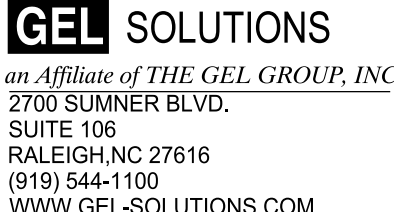
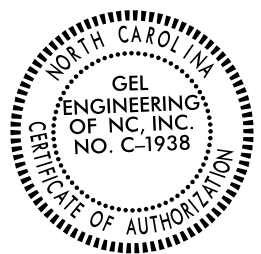
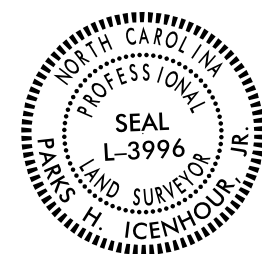
NOTES:

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 6/13/2022 TO 9/12/2022.

REVISIONS

C:\GEL\2022\1527\2022\R-5705A_ROW_V-5705.r.w.sheets\R-5705a.ls.rw03e-1.dgn
Jason Prevatt

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
R-5705A	RW03E-2
Location and Surveys	
 <small>an Affiliate of THE GEL GROUP, INC. 2700 SUMNER BLVD. SUITE 106 RALEIGH, NC 27616 (919) 544-1100 WWW.GEL-SOLUTIONS.COM</small>	
 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	103+50.00	100.00	630162.1526	2082972.9650
L	103+50.00	-100.00	629989.1943	2082872.5388
L	104+95.00	-100.00	630059.5002	2082748.2838
L	106+39.00	100.00	630303.8120	2082716.0038
L	107+10.00	100.00	630336.8540	2082651.9332
L	107+43.00	-100.00	630173.2645	2082532.2362
L	111+05.00	100.00	630507.7697	2082289.1613
L	111+40.00	-100.00	630337.9868	2082177.8129
L	111+47.06	304.00	630712.2833	2082330.0212
L	113+18.00	-120.00	630386.1573	2082008.4072
L	113+45.00	100.00	630600.7393	2082063.9151
L	115+92.00	-120.00	630479.8995	2081756.3531
L	119+19.50	-100.00	630597.0834	2081455.8493
L	119+20.00	100.00	630789.1807	2081511.5168
L	119+79.50	-100.00	630613.4087	2081399.0731
L	119+80.00	100.00	630806.0117	2081452.9650
L	120+30.00	-100.00	630626.7425	2081351.1713
L	120+30.00	100.00	630819.6242	2081404.0548
L	122+25.00	-150.00	630626.1305	2081153.5027
L	122+50.00	100.00	630875.0343	2081187.6625
L	123+20.00	145.00	630935.0111	2081128.3827
L	123+50.00	-100.00	630702.5426	2081045.3809
L	125+50.00	100.00	630938.7304	2080889.8087
L	125+50.00	-90.00	630752.0640	2080854.3734
L	130+70.00	100.00	631016.3599	2080367.6890
L	130+73.00	-90.00	630827.7758	2080344.3430
L	131+30.00	100.00	631022.6229	2080307.0889
L	131+73.00	-100.00	630827.6085	2080245.2996
L	132+35.00	100.00	631032.2363	2080200.9090
L	133+41.93	-100.00	630840.6948	2080079.4882
L	133+76.00	120.00	631062.4087	2080059.3168
L	134+36.00	120.00	631065.8233	2079998.3048
L	134+92.00	132.00	631080.4911	2079941.8460
L	135+10.00	-100.00	630849.4340	2079914.2400
L	136+50.00	100.00	631053.4162	2079780.1287
L	138+76.00	-100.00	630853.6691	2079553.9433
L	139+00.00	100.00	631053.1976	2079526.2983
L	139+36.00	-100.00	630852.4277	2079494.8796
L	140+00.00	115.00	631065.3673	2079424.2680
L	141+24.00	100.00	631044.7110	2079299.0218
L	142+70.00	100.00	631034.9659	2079151.0994
L	142+76.00	-100.00	630835.1015	2079160.5972
L	143+65.00	-100.00	630827.6808	2079073.2819
L	143+65.00	100.00	631026.8417	2079054.9814
L	144+37.45	100.00	631019.7023	2078981.7646
L	144+37.45	-100.00	630820.7577	2079002.2838
L	145+50.00	-125.00	630784.3424	2078892.8925
L	146+50.00	-100.00	630798.9509	2078790.8552
L	146+50.00	100.00	630997.8955	2078770.3361
L	147+33.00	100.00	630989.3800	2078687.7740
L	147+36.00	-100.00	630790.1276	2078705.3091
L	149+80.00	-100.00	630765.0942	2078462.5966
L	149+80.00	100.00	630964.0388	2078442.0774
L	150+48.00	140.00	630996.8512	2078370.3324
L	152+35.90	110.00	630947.7316	2078186.4999
L	152+35.90	-110.00	630728.8925	2078209.0710
L	152+94.00	-110.00	630723.1440	2078149.9740
L	153+54.00	-110.00	630717.9285	2078088.8766
L	154+70.00	110.00	630929.5814	2077958.2935
L	155+15.00	-100.00	630717.5493	2077924.1993
L	155+30.00	100.00	630916.6608	2077900.1265
L	157+25.00	100.00	630911.9878	2077709.0958
L	157+85.00	100.00	630912.0491	2077650.2962
L	159+50.00	110.00	630925.8475	2077489.0486
L	160+91.00	125.00	630948.2748	2077352.3801
L	164+40.00	125.00	630983.3025	2077013.9822

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	164+95.00	-100.00	630768.4679	2076927.4984
L	166+35.00	110.00	630998.3641	2076823.5819
L	166+50.00	-100.00	630794.3639	2076771.5400
L	171+68.00	110.00	631117.3205	2076316.3159
L	172+37.00	-100.00	630935.8734	2076190.1167
L	172+97.00	-100.00	630954.1603	2076131.7131
L	173+57.00	100.00	631162.9028	2076136.7203
L	174+17.00	100.00	631181.8141	2076081.0448
L	174+17.00	-100.00	630992.8299	2076015.5851
L	175+98.00	-145.00	631014.4392	2075826.0078
L	176+50.00	100.00	631261.5487	2075867.1006
L	176+88.00	100.00	631275.4946	2075832.5705
L	176+92.00	-115.00	631077.9953	2075747.5112
L	177+97.00	100.00	631316.9480	2075734.1242
L	178+56.00	-115.00	631144.0734	2075593.3081
L	178+57.00	100.00	631340.6793	2075680.3262
L	179+16.00	-115.00	631169.5069	2075537.4458
L	181+27.00	-115.00	631264.2317	2075343.5055
L	182+43.00	-110.00	631324.1600	2075241.0297
L	184+43.00	100.00	631605.7399	2075171.2456
L	184+93.00	-110.00	631451.9064	2075019.7889
L	185+53.00	-110.00	631484.1998	2074967.6617
L	185+91.00	130.00	631707.2583	2075064.0062
L	186+39.00	-100.00	631539.9489	2074899.0926
L	186+51.00	130.00	631739.0027	2075014.9401
L	186+99.00	-100.00	631573.6842	2074848.0306
L	189+44.00	-100.00	631717.7176	2074643.8447
L	189+80.00	130.00	631923.3671	2074752.9127
L	190+04.00	-100.00	631754.5030	2074594.9343
L	190+40.00	130.00	631958.8289	2074706.4622
L	190+82.00	-100.00	631803.1968	2074532.0170
L	191+42.00	-100.00	631841.3179	2074484.1404
L	192+00.00	130.00	632056.0923	2074584.7088
L	193+37.00	100.00	632119.8294	2074463.2517
L	194+73.82	-100.00	632062.3089	2074227.8765
L	194+73.82	100.00	632209.3528	2074363.4424
L	195+54.00	100.00	632263.7036	2074304.4898
L	196+14.00	100.00	632304.3734	2074260.3766
L	198+50.00	-100.00	632317.2972	2073951.2990
L	202+50.00	-100.00	632588.4289	2073657.2113
L	204+70.00	100.00	632884.5952	2073631.0289
L	204+70.00	-120.00	632722.8470	2073481.9064
L	205+50.00	145.00	632971.9064	2073602.7136
L	207+70.00	-120.00	632926.1958	2073261.3406
L	207+70.00	100.00	633087.9440	2073410.4631
L	208+30.00	100.00	633128.6138	2073366.3499
L	210+50.00	-120.00	633115.9880	2073055.4792
L	213+00.00	-110.00	633292.7975	2072878.4527
L	217+00.00	-110.00	633563.9292	2072584.3649
L	217+90.00	100.00	633779.3299	2072660.5393
L	218+00.00	-100.00	633639.0643	2072517.6213
L	220+54.00	-100.00	633811.2329	2072330.8756
L	220+54.00	100.00	633958.2768	2072466.4414
L	221+49.00	155.00	634063.1076	2072433.8762
L	222+05.73	-100.00	633914.0800	2072219.3207
L	223+45.00	-100.00	634009.5915	2072116.4751
L	223+45.00	110.00	634162.4321	2072260.4878
L	224+45.73	-100.00	634080.8637	2072042.2996
L	224+45.73	110.00	634230.5882	2072189.5496

I, Parks H. Icenhour Jr., 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 6/13/2022 to 9/12/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 25th day of January, 2023.

Professional Land Surveyor L-3996


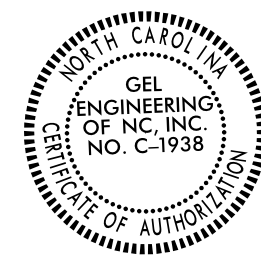

NOTES:

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REVISIONS

05-JAN-2023 10:22 2022-R-5705A-ROW-V-5705.r.w.sheets\1-5705a-1s.rw03e-2.dgn
 Jason Prevatt
 AT DESK TOP-ERR/SVF

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO. R-5705A	SHEET NO. RW03E-3
Location and Surveys	
 an Affiliate of THE GEL GROUP, INC. 2700 SUMNER BLVD. SUITE 106 RALEIGH, NC 27616 (919) 544-1100 WWW.GEL-SOLUTIONS.COM	
 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	226+50.00	-100.00	634231.9772	2071896.8575
L	228+14.00	-115.00	634349.3324	2071774.7051
L	229+47.00	-100.00	634465.3960	2071700.6895
L	231+75.00	-100.00	634654.7776	2071563.0905
L	232+30.00	110.00	634817.2932	2071706.9762
L	234+41.00	100.00	634986.3226	2071590.5250
L	234+70.00	-110.00	634906.7292	2071394.0371
L	235+61.00	100.00	635088.2290	2071533.5151
L	236+21.00	100.00	635139.8585	2071506.2502
L	238+61.00	-110.00	635266.2310	2071213.3014
L	239+21.00	-110.00	635323.0018	2071188.9491
L	242+00.00	-110.00	635591.8102	2071087.8750
L	242+00.00	100.00	635658.2984	2071287.0717
L	244+00.00	-110.00	635788.7893	2071027.9611
L	244+60.00	-100.00	635850.9772	2071021.7445
L	244+60.00	100.00	635900.8961	2071215.4145
L	247+00.00	-100.00	636091.4468	2070967.9699
L	247+50.00	-120.00	636138.4830	2070939.0292
L	248+25.00	-100.00	636217.9301	2070946.1352
L	250+25.00	-100.00	636421.6211	2070920.0723
L	250+25.00	100.00	636441.6634	2071119.0656
L	250+85.00	100.00	636499.8012	2071113.6832
L	250+85.00	-100.00	636482.9710	2070914.3926
L	252+25.00	-100.00	636626.4183	2070904.9930
L	253+25.00	-118.00	636728.6917	2070883.5905
L	253+25.00	100.00	636732.9936	2071101.5480
L	253+65.00	135.00	636772.2285	2071135.9877
L	254+50.00	-100.00	636857.4005	2070901.2104

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y4	15+00.00	-18.61	630226.5886	2081891.2701
Y4	15+10.00	-45.00	630253.6944	2081897.4068
Y4	16+00.00	-50.00	630279.6064	2081965.3040
Y4	17+32.00	35.00	630304.4720	2082114.0711
Y4	17+32.00	-60.00	630355.4136	2082033.8841
Y4	20+32.00	-95.00	630617.3472	2082096.7231
Y4	20+32.00	60.00	630593.4525	2082249.8702
Y4	21+55.00	-85.00	630715.2457	2082108.4046
Y4	21+65.41	60.00	630744.0991	2082250.8552
Y4	23+30.00	-78.00	630852.8459	2082071.0905
Y4	23+38.66	55.00	630925.9246	2082182.5270
Y4	24+81.05	55.00	631049.1639	2082081.8657
Y4	25+77.00	31.36	631095.3341	2081994.4926
Y4	25+77.00	-28.65	631050.5239	2081954.5771

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y4B	11+29.00	30.00	630094.1411	2082529.1407
Y4B	15+59.63	30.00	630172.3027	2082114.8878
Y4B	16+76.99	30.00	630225.8269	2082039.7830

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y5	19+85.00	-30.00	630668.8324	2079970.7824
Y5	19+85.00	-37.00	630668.9513	2079963.7834
Y5	20+48.58	29.55	630731.3916	2080031.3986
Y5	20+50.00	-46.00	630734.0947	2079955.8882
Y5	21+30.00	-50.00	630814.1511	2079953.2470
Y5	21+30.00	50.00	630812.4533	2080053.2326

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y5A	11+67.00	-45.00	631071.4454	2079796.1295
Y5A	11+67.00	55.00	631129.6372	2079877.4542
Y5A	12+49.00	50.00	631195.3752	2079815.8001
Y5A	13+38.66	30.03	631244.1711	2079736.0160
Y5A	13+62.00	-29.95	631216.6585	2079677.8312

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y5B	12+19.78	30.00	630769.3804	2080319.5861

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	11+77.00	-27.00	626536.6041	2086679.7192
Y1	11+78.00	33.00	626516.3271	2086736.1979
Y1	11+80.00	-40.00	626544.0064	2086668.6193
Y1	13+08.00	45.00	626633.6892	2086793.3831

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	11+24.00	65.00	626879.3642	2086908.7193
Y2	11+48.00	-55.00	626944.3505	2086805.0237
Y2	12+54.00	-50.00	627041.6919	2086847.2806
Y2	12+73.00	60.00	627020.4577	2086956.8712
Y2	12+82.00	-24.99	627059.0042	2086880.5975
Y2	13+60.00	34.46	627110.8618	2086963.8340

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y3	10+88.00	-30.00	628917.7272	2084003.1242
Y3	10+88.00	30.00	628897.3610	2084059.5619
Y3	10+88.00	-35.00	628919.4244	2083998.4210
Y3	11+49.00	48.00	628948.6294	2084097.1989
Y3	12+22.00	-58.00	629053.2757	2084022.2712
Y3	12+25.00	48.00	629020.1172	2084122.9962

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y4A	12+86.00	-30.00	630338.5975	2082746.6214
Y4A	18+45.50	-30.00	630712.2833	2082330.0212

NOTES:

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2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 6/13/2022 TO 9/12/2022.

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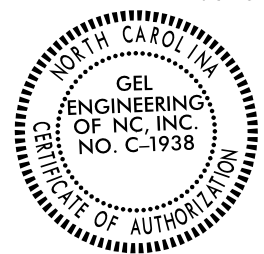
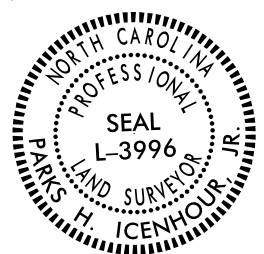
This 25th day of October, 2022.

Professional Land Surveyor L-3996

REVISIONS

C:\GEL\2022\1523\2022\R-5705A_ROW_V-5705.r.w.sheets\1-5705a_r.w03e-3.dgn
 Jason Prevattie
 AT DESKTOP-EPRI\SVP

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
R-5705A	RW03E-4
Location and Surveys	
 <p>GEL SOLUTIONS an Affiliate of THE GEL GROUP, INC. 2700 SUMNER BLVD. SUITE 106 RALEIGH, NC 27616 (919) 544-1100 WWW.GEL-SOLUTIONS.COM</p>	
PROJECT SURVEYOR	
 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y6	13+41.00	-30.50	630577.8455	2076774.8494
Y6	13+70.00	29.50	630593.5728	2076839.6021
Y6	15+06.43	40.00	630724.7461	2076878.5679
Y6	15+06.43	-60.00	630745.7834	2076780.8097
Y6	18+25.00	60.00	631004.0364	2077000.6104
Y6	18+25.00	-60.00	631059.6508	2076894.2758
Y6	19+23.00	50.00	631089.9305	2077038.6444
Y6	20+97.00	-56.00	631292.8795	2077057.6647
Y6	21+17.00	-51.50	631305.6183	2077074.8470
Y6	21+22.00	-32.41	631296.7230	2077092.5092
Y6	22+17.11	29.00	631321.9383	2077202.9504
Y6	22+17.11	40.00	631313.9395	2077210.5015

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y7D	15+02.62	30.00	632859.6566	2072869.4192
Y7D	16+70.00	55.00	633010.2335	2072907.7562
Y7D	18+30.00	-45.00	633194.0825	2072877.5931
Y7D	18+30.00	70.00	633134.2756	2072975.8181

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y6A	10+58.00	30.49	631136.7831	2076935.6494
Y6A	10+64.00	-29.71	631083.3269	2076907.3127
Y6A	16+70.00	-30.00	631155.5751	2076316.7323

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	14+66.98	-30.00	624130.2749	2089478.1199
L	14+71.52	-63.80	624115.0473	2089447.6105
L	14+87.13	-30.03	624146.9256	2089466.7767
L	14+91.34	-61.11	624132.9516	2089438.6977
L	16+11.00	-102.00	624208.9922	2089337.6625
L	16+11.00	-30.11	624249.3673	2089397.1400
L	16+36.00	-102.00	624229.6767	2089323.6213
L	16+36.00	-75.00	624244.8411	2089345.9605
L	18+86.89	90.00	624546.4293	2089337.3025
L	19+37.62	112.81	624601.8867	2089324.2590
L	19+40.28	97.56	624594.8329	2089310.4603
L	19+61.67	115.69	624623.3519	2089311.4446
L	19+63.53	99.70	624615.0965	2089297.6161
L	22+05.00	-95.94	624676.2988	2088992.9336
L	22+17.59	123.59	624831.8646	2089148.3424
L	22+18.09	108.27	624822.0255	2089136.5781
L	22+36.89	124.32	624847.2063	2089135.5115
L	22+37.47	109.06	624837.4081	2089123.7961
L	22+54.00	-115.00	624698.8327	2088946.9541
L	22+64.00	-100.68	624715.6556	2088950.9616
L	23+02.49	110.41	624887.6027	2089079.3164
L	24+63.53	119.06	625012.1951	2088968.8243
L	24+86.76	120.30	625029.7627	2088952.3786
L	24+87.10	-109.82	624863.7806	2088792.9938
L	25+09.69	-129.20	624864.7723	2088763.8270
L	26+01.94	144.60	625128.8233	2088881.2139
L	26+01.95	130.00	625117.9613	2088871.4562
L	26+14.37	-128.90	624933.1963	2088689.6653
L	26+21.53	144.68	625142.1980	2088866.3440
L	26+21.60	128.92	625130.4776	2088855.8020
L	26+92.52	-110.00	624999.3030	2088643.8987
L	27+79.77	-110.00	625057.3547	2088578.7630
L	27+98.98	-90.00	625085.0647	2088577.7312
L	28+49.57	111.95	625269.4930	2088674.3248
L	30+42.25	95.00	625385.0351	2088519.2070
L	30+81.46	105.55	625418.9994	2088496.9514
L	30+81.52	95.00	625411.1606	2088489.8933
L	30+82.49	-90.00	625273.6967	2088366.0805
L	30+82.57	-111.83	625257.4545	2088351.4957
L	31+01.46	105.65	625432.3820	2088482.0885
L	31+01.52	95.00	625424.4677	2088474.9624
L	31+02.42	-90.00	625286.9604	2088351.1982
L	31+02.57	-111.73	625270.8371	2088336.6328
L	32+26.24	95.00	625507.4503	2088381.8534
L	32+27.61	107.13	625517.4227	2088388.8984
L	32+46.00	95.00	625520.5992	2088367.1000
L	32+47.49	104.88	625528.9626	2088372.5634
L	34+95.32	95.00	625686.4851	2088180.9710
L	34+99.75	109.15	625699.9973	2088187.0845
L	35+16.28	95.00	625700.4275	2088165.3273

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y7	24+22.03	34.45	634049.4050	2071168.8730
Y7	25+00.00	-75.00	634162.1204	2071095.4332
Y7	25+98.00	-95.00	634261.6636	2071114.4082
Y7	26+30.00	60.00	634231.2482	2071269.7451
Y7	27+50.00	-115.00	634411.5161	2071157.2587
Y7	27+80.06	60.00	634367.4084	2071329.2794
Y7	31+47.00	60.00	634656.1887	2071520.2998
Y7	31+47.00	-90.00	634757.8298	2071409.9863
Y7	33+98.00	50.00	634844.1088	2071685.4521
Y7	34+50.00	-95.00	634981.8060	2071616.3979
Y7	35+67.44	50.00	634966.7356	2071802.3819
Y7	37+65.00	-70.00	635192.5249	2071851.8710
Y7	37+65.00	-29.98	635164.9044	2071880.8371

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y7A	47+70.00	31.20	634124.6868	2071053.5888

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y7B	17+76.00	-30.00	632166.9703	2073656.6262
Y7B	18+50.00	-70.00	632200.7363	2073733.6708
Y7B	19+23.81	-30.00	632154.7898	2073803.9361
Y7B	20+26.00	-30.00	632146.3690	2073905.7760

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y7C	20+79.01	-30.00	633785.6044	2072751.3043

I, Parks H. Icenhour Jr., 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 6/13/2022 to 9/12/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 25th day of October, 2022.


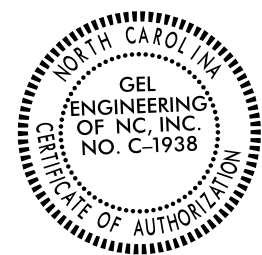
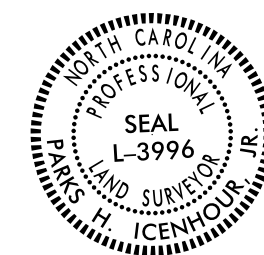
Professional Land Surveyor L-3996

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 6/13/2022 TO 9/12/22 .

REVISIONS

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
R-5705A	RW03E-5
Location and Surveys	
 <p>GEL SOLUTIONS an Affiliate of THE GEL GROUP, INC. 2700 SUMNER BLVD. SUITE 106 RALEIGH, NC 27616 (919) 544-1100 WWW.GEL-SOLUTIONS.COM</p>	
 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER PERMANENT EASEMENT - E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	35+18.84	103.19	625708.2416	2088168.8628
L	37+00.01	-100.64	625676.6246	2087897.9952
L	37+03.35	-90.00	625686.7837	2087902.5847
L	37+19.10	-106.62	625684.8586	2087879.7688
L	37+24.31	-90.00	625700.7285	2087886.9382
L	44+05.11	-90.00	626153.6977	2087378.6933
L	44+13.10	-103.67	626148.8059	2087363.6377
L	44+28.27	-90.00	626169.1086	2087361.4018
L	44+30.36	-93.58	626167.8270	2087357.4573
L	44+63.00	-90.00	626192.2143	2087335.4765
L	44+73.80	-134.92	626165.8628	2087297.5276
L	44+76.11	-117.80	626180.1803	2087307.1921
L	44+79.00	-124.00	626177.4776	2087300.9102
L	45+07.65	-139.50	626184.9665	2087269.2053
L	45+21.00	105.00	626376.3789	2087421.9196
L	45+48.00	-161.50	626195.3913	2087224.4488
L	45+73.00	-90.00	626265.4022	2087253.3575
L	46+06.40	105.10	626433.2738	2087358.2376
L	46+17.14	130.33	626459.2597	2087367.0024
L	46+45.25	137.74	626483.4896	2087350.9476
L	46+69.00	144.00	626503.9648	2087337.3806
L	46+80.29	113.00	626488.3287	2087308.3258
L	46+80.57	105.00	626482.5487	2087302.7924
L	46+82.04	-90.00	626337.9503	2087171.9565
L	46+86.23	-117.62	626320.1186	2087150.4482
L	46+87.00	105.00	626486.8261	2087297.9946
L	47+02.27	-90.00	626351.4096	2087156.8548
L	47+06.00	-114.62	626335.5154	2087137.6834
L	51+67.93	105.44	626807.1350	2086939.2582
L	51+69.36	115.94	626815.9253	2086945.1716
L	59+56.60	-90.00	627186.5111	2086220.6648
L	59+57.26	-104.08	627176.4633	2086210.7731
L	59+86.93	-102.68	627197.2949	2086189.6127
L	59+87.06	-90.04	627206.8067	2086197.9418
L	60+93.95	103.09	627421.9886	2086247.1212
L	61+03.78	118.84	627440.2806	2086250.3002
L	61+17.56	103.14	627437.7759	2086229.5651
L	61+20.75	108.25	627443.7052	2086230.5956
L	64+11.50	103.79	627634.3155	2086010.9978
L	66+43.27	-111.02	627628.8730	2085695.0404
L	66+44.22	-85.00	627648.8889	2085711.6857
L	66+51.13	104.32	627794.5497	2085832.8178
L	66+51.69	119.69	627806.3718	2085842.6491
L	66+63.26	-111.74	627641.6609	2085679.6629
L	66+64.24	-85.00	627662.2379	2085696.7748
L	66+71.14	104.37	627807.9328	2085817.9352
L	66+71.68	118.96	627819.1598	2085827.2716
L	69+28.84	104.93	627980.2441	2085626.3180
L	73+65.68	-124.67	628100.5511	2085147.7058
L	73+70.46	-95.00	628125.8487	2085163.9300
L	73+72.21	-95.39	628126.7218	2085162.3720
L	73+85.20	-129.02	628110.3285	2085130.2587
L	73+91.73	-99.74	628136.4992	2085144.9249
L	73+96.61	-100.83	628138.9436	2085140.5631
L	73+97.91	-95.00	628144.1539	2085143.4830
L	74+12.55	110.04	628306.6845	2085269.3429
L	74+14.97	122.38	628317.4944	2085275.7690
L	74+33.92	115.08	628324.6953	2085256.7828
L	74+34.59	118.53	628327.7133	2085258.5767
L	76+24.41	106.48	628445.3890	2085109.0231
L	77+29.07	106.89	628515.4344	2085031.1643
L	77+38.69	123.57	628534.2837	2085035.0920
L	77+52.21	106.98	628530.9065	2085013.9587

ROW MARKER PERMANENT EASEMENT - E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	77+56.02	113.58	628538.3636	2085015.5126
L	78+89.74	107.50	628622.8680	2084911.6937
L	80+07.01	110.00	628702.8203	2084825.8643
L	80+32.04	-109.81	628555.4831	2084660.8373
L	80+32.08	-95.00	628566.5589	2084670.6677
L	80+36.18	139.44	628744.2056	2084823.7013
L	80+52.04	-109.93	628568.7081	2084645.8340
L	80+52.13	-95.00	628579.9097	2084655.7078
L	85+42.00	100.00	629051.5755	2084420.0550
L	85+42.00	120.00	629066.4974	2084433.3718
L	86+95.41	137.72	629181.8666	2084330.7171
L	88+20.00	120.00	629251.6010	2084225.9576
L	88+20.00	100.00	629236.6791	2084212.6408
L	91+25.87	140.14	629471.1158	2084009.2273
L	91+47.25	122.43	629471.9771	2083981.1424
L	91+65.30	130.26	629489.9101	2083972.2875
L	91+71.63	114.99	629482.5031	2083957.4602
L	92+16.92	115.15	629512.4506	2083922.4265
L	93+96.99	123.58	629635.1999	2083785.9388
L	93+97.17	139.26	629647.5788	2083795.5614
L	94+16.62	123.37	629647.4742	2083770.1484
L	94+16.75	139.05	629659.8532	2083779.7709
L	96+44.72	119.31	629785.2542	2083583.0162
L	96+48.00	110.26	629779.9412	2083574.9659
L	96+63.13	126.25	629801.9466	2083571.9996
L	96+69.26	109.48	629792.0867	2083557.0000
L	97+05.43	-100.00	629643.8488	2083404.6912
L	97+14.38	-110.97	629640.0950	2083391.1405
L	97+28.23	-100.00	629656.9523	2083386.4707
L	100+06.99	120.60	629996.6446	2083280.6739
L	100+08.31	106.48	629985.5569	2083271.8316
L	100+26.53	122.51	630009.1145	2083265.0373
L	100+28.21	-100.00	629823.3855	2083142.4862
L	100+28.23	104.85	629995.2386	2083253.9715
L	100+29.60	-113.97	629812.4071	2083133.7338
L	100+48.63	-100.00	629834.2989	2083125.6087
L	100+49.86	-111.99	629824.8746	2083118.0953
L	102+33.82	157.59	630151.2869	2083104.2471
L	102+40.14	123.47	630125.4180	2083081.0790
L	102+53.01	161.25	630164.5758	2083089.3004
L	102+60.83	118.89	630132.3575	2083060.6554
L	102+62.47	-108.61	629938.0297	2082942.3569
L	102+63.05	-100.09	629945.6357	2082946.2345
L	102+84.99	-110.09	629948.0999	2082922.5759
L	102+89.18	-131.35	629931.9198	2082908.1903
L	103+07.00	-116.50	629953.6028	2082900.7067
L	103+09.21	-127.52	629945.2087	2082893.2436
L	105+52.89	-127.40	630062.6765	2082685.2325
L	108+17.00	-100.00	630205.6050	2082466.9458
L	108+49.00	-100.00	630219.3595	2082438.5989
L	109+39.00	114.03	630451.3510	2082448.7953
L	119+98.81	-100.00	630618.5506	2081380.7709
L	119+98.97	-128.99	630590.6773	2081372.8179
L	121+63.43	-134.92	630626.3227	2081215.5852
L	122+59.56	-136.49	630647.1351	2081123.7816
L	122+85.39	-152.86	630636.9625	2081095.4517
L	122+91.14	-136.71	630653.9691	2081093.6246

I, Parks H. Icenhour Jr., 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 6/13/2022 to 9/12/2022, and all coordinates are based on NAD83/2011; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 25th day of October, 2022.

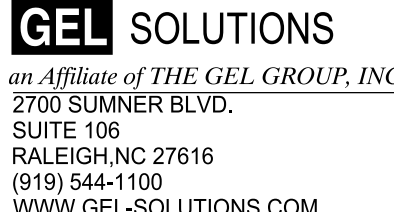
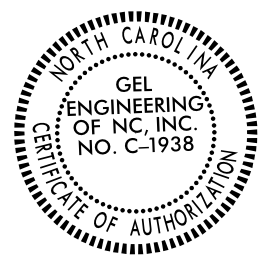
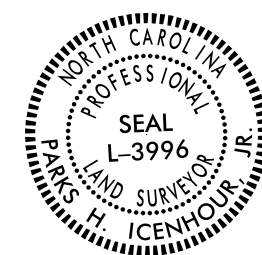
Professional Land Surveyor L-3996

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 6/13/2022 TO 9/12/2022.

REVISIONS

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
R-5705A	RW03E-6
Location and Surveys	
 <small>an Affiliate of THE GEL GROUP, INC.</small> <small>2700 SUMNER BLVD.</small> <small>SUITE 106</small> <small>RALEIGH, NC 27616</small> <small>(919) 544-1100</small> <small>WWW.GEL-SOLUTIONS.COM</small>	
 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER PERMANENT EASEMENT-E

L	123+13.89	-161.60	630634.6803	2081066.3936
L	123+24.00	-136.77	630661.0830	2081062.2573
L	125+55.47	-132.60	630711.2051	2080841.1678
L	125+58.71	-148.70	630695.9766	2080835.0644
L	125+76.12	-131.84	630715.6829	2080821.4159
L	125+78.78	-144.79	630703.4170	2080816.4999
L	128+14.00	-113.35	630772.3085	2080594.2635
L	128+14.28	-118.35	630767.4109	2080593.2566
L	128+42.91	-90.00	630799.5251	2080569.4655
L	128+44.64	-110.99	630778.9839	2080564.8087
L	155+15.00	-110.00	630707.5622	2077924.6686
L	162+27.00	-100.00	630735.1388	2077198.7860
L	162+49.00	-170.00	630667.6750	2077169.4755
L	162+74.00	-100.00	630739.9316	2077151.0864
L	162+87.00	-172.00	630669.7516	2077130.1800
L	173+61.15	160.61	631221.6774	2076152.0619
L	173+75.90	208.14	631271.2606	2076153.7123
L	173+88.00	-165.00	630921.6873	2076022.6460
L	173+92.00	-100.00	630984.5441	2076039.7014
L	174+24.00	-170.00	630929.0592	2075985.8366
L	174+28.00	-102.52	630994.1326	2076004.1565
L	174+86.97	126.57	631229.6924	2076025.4600
L	178+80.00	130.31	631377.5463	2075672.3097
L	178+82.32	118.57	631367.7944	2075665.3946
L	179+00.17	134.06	631389.1150	2075655.9951
L	179+03.27	118.08	631375.8461	2075646.5861
L	182+25.31	105.39	631505.0633	2075359.2610
L	185+91.00	130.00	631707.2583	2075064.0062
L	186+27.92	-115.35	631520.9094	2074900.2062
L	186+29.39	-101.04	631533.7317	2074906.7395
L	186+47.36	-117.48	631529.9892	2074882.3860
L	186+49.22	-100.00	631545.6518	2074890.3665
L	186+54.32	130.00	631740.7775	2075012.2346
L	186+56.20	146.55	631755.6140	2075019.7941
L	186+74.94	130.00	631751.8315	2074995.4713
L	186+76.67	144.31	631764.6938	2075001.9740
L	190+19.97	-125.50	631744.1545	2074566.4797
L	190+20.55	-100.00	631764.7514	2074581.5228
L	190+39.47	-126.00	631755.9505	2074550.3287
L	190+40.12	-100.00	631776.9276	2074565.7073
L	192+26.43	124.51	632068.3175	2074561.3775
L	194+25.00	118.96	632191.1636	2074411.4892
L	194+25.00	100.00	632177.0976	2074398.7730
L	194+25.03	128.00	632197.8878	2074417.5287
L	194+73.82	116.38	632221.3968	2074374.5462
L	194+73.82	128.00	632229.9389	2074382.4215
L	196+53.88	105.76	632335.6422	2074234.9576
L	196+67.59	120.00	632355.4012	2074234.5344
L	197+40.00	100.00	632389.7799	2074167.7390
L	197+40.00	120.00	632404.4843	2074181.2956
L	199+10.00	120.00	632519.7152	2074056.3083
L	199+65.00	100.00	632542.2915	2074002.3146
L	199+65.00	120.00	632556.9958	2074015.8712
L	200+99.00	289.00	632772.0770	2074031.9050
L	201+22.00	262.00	632767.8162	2073996.6936
L	205+05.56	120.00	632923.4002	2073618.4443
L	227+84.00	-111.69	634327.7921	2071797.1259
L	227+84.00	-128.00	634317.2502	2071784.6809
L	228+14.00	-128.00	634341.0095	2071764.7187
L	234+54.53	140.98	635018.1734	2071619.4430
L	234+55.20	142.45	635019.4679	2071620.3987
L	234+66.35	117.22	635016.2423	2071593.1564
L	234+74.21	134.39	635031.3475	2071604.3091

ROW MARKER PERMANENT EASEMENT-E

L	234+81.12	100.01	635020.1966	2071571.1049
L	234+84.84	111.62	635029.0572	2071579.4331
L	246+49.00	127.00	636085.4863	2071200.5063
L	246+50.00	100.00	636081.0372	2071173.8577
L	246+88.00	135.00	636123.9504	2071201.0172
L	246+97.00	100.00	636125.9078	2071165.0015
L	247+75.00	-157.00	636157.7409	2070898.1576
L	247+90.00	-109.11	636180.9572	2070942.8282
L	248+58.00	-196.00	636237.5402	2070846.0923
L	248+88.00	-158.00	636274.0038	2070879.2895
L	249+14.00	-272.00	636286.0631	2070762.6413
L	249+83.00	-320.00	636354.2181	2070706.0068
L	250+10.00	-276.00	636387.9546	2070746.6054
L	251+90.00	100.00	636601.7233	2071106.5229
L	252+45.00	146.00	636657.0776	2071149.8819

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	11+29.48	33.00	626470.9409	2086719.0442
Y1	11+58.56	-27.00	626519.3582	2086673.2013
Y1	11+69.18	-38.51	626533.3599	2086666.1921
Y1	13+27.98	79.74	626640.0934	2086832.9429

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	10+81.30	105.78	626824.9785	2086931.7138
Y2	11+36.10	-73.79	626939.8853	2086783.2400

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y4	13+61.00	-40.00	630267.4394	2081765.4183
Y4	13+61.00	-30.00	630257.7217	2081763.0590
Y4	14+45.00	-40.00	630249.4453	2081843.5481
Y4	22+71.81	86.41	630870.1087	2082244.4794

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y4A	16+39.89	-104.59	630519.2418	2082432.8533
Y4A	18+29.27	-85.63	630660.0879	2082304.8382
Y4A	18+97.00	40.79	630799.6537	2082322.6826
Y4A	19+18.00	88.00	630853.8649	2082309.8328

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y4B	12+12.30	49.24	630117.1983	2082451.8856
Y4B	12+44.43	51.13	630122.8377	2082422.2149
Y4B	15+05.00	-30.00	630101.1075	2082153.8196
Y4B	15+05.00	-40.00	630091.3898	2082151.4603
Y4B	15+59.63	-40.00	630104.2804	2082098.3681
Y4B	15+85.88	-32.70	630121.4678	2082069.9584

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 6/13/2022 TO 9/12/2022 .

REVISIONS


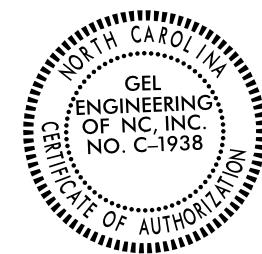
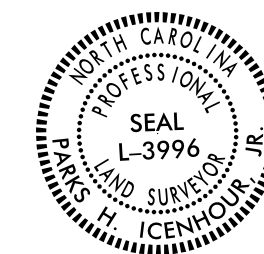
05-JAN-2023 10:16 C:\GEM\2023\016\2022\R-5705A_ROW_V-5705A.r.w.sheets\1-5705a.ls.rw03e-6.dgn Jason Priddy

I, Parks H. Icenhour Jr., 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 6/13/2022 to 9/12/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 25th day of January, 2023.

Professional Land Surveyor L-3996

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
R-5705A	RW03E-7
Location and Surveys	
 GEL SOLUTIONS <small>an Affiliate of THE GEL GROUP, INC.</small> 2700 SUMNER BLVD. SUITE 106 RALEIGH, NC 27616 (919) 544-1100 WWW.GEL-SOLUTIONS.COM	
 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y5	20+28.32	29.63	630711.1367	2080031.1441
Y5	20+33.77	62.61	630716.0244	2080064.2098
Y5	20+53.50	59.35	630735.8094	2080061.2852

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y6	18+27.04	120.07	630977.8221	2077054.6878
Y6	18+30.33	-59.94	631064.5792	2076896.9354
Y6	18+30.50	-87.46	631077.6016	2076872.6934
Y6	18+34.81	125.36	630981.4952	2077062.6192
Y6	18+34.82	116.81	630985.5341	2077055.0838
Y6	18+56.74	101.83	631010.1666	2077051.4626
Y6	18+57.19	125.45	630999.0061	2077072.2851
Y6	18+61.21	57.23	631035.6036	2077014.5884
Y6	18+61.65	77.35	631026.0950	2077032.3289
Y6	18+70.08	73.44	631034.8799	2077032.8242
Y6	18+80.40	91.00	631034.4000	2077052.8289

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y6A	10+93.76	-29.94	631092.8650	2076880.8927

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y7A	19+84.19	-45.70	632210.9188	2072829.9634
Y7A	47+60.82	53.41	634144.6608	2071067.0622

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y7D	8+55.32	62.00	632215.9754	2072944.8836
Y7D	8+58.00	-30.00	632212.4658	2072852.9113
Y7D	8+80.00	30.00	632238.4515	2072911.2958
Y7D	8+80.00	-30.00	632234.4160	2072851.4316
Y7D	8+80.00	-53.00	632232.8690	2072828.4837
Y7D	8+80.00	62.00	632240.6038	2072943.2233

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y7	21+88.45	-25.66	633852.4817	2071029.8027
Y7	21+89.46	-54.53	633863.6739	2071003.1745
Y7	23+23.87	34.50	633957.7488	2071134.0934
Y7	23+23.89	37.42	633956.7374	2071136.8310
Y7	23+27.97	-67.47	633997.7617	2071040.2117
Y7	23+28.10	-52.69	633992.6411	2071054.0724
Y7	23+28.89	37.37	633961.4276	2071138.5637
Y7	23+29.16	67.37	633951.0315	2071166.7048
Y7	23+47.97	-67.65	634016.5224	2071047.1424
Y7	23+48.08	-55.61	634012.3522	2071058.4306
Y7	23+48.87	34.50	633981.1235	2071142.9631
Y7	23+49.16	67.20	633969.7922	2071173.6355
Y7	23+87.88	-65.95	634053.2355	2071062.8875
Y7	24+75.11	-87.60	634143.3127	2071074.4328
Y7	24+93.03	-98.79	634164.3449	2071070.7183
Y7	24+95.83	-84.32	634161.6454	2071085.2151
Y7	26+77.21	86.20	634263.8503	2071312.1691
Y7	26+85.82	60.00	634282.0656	2071291.5040
Y7	26+96.51	92.36	634278.8538	2071325.3939
Y7	27+05.81	63.80	634298.6910	2071302.8887
Y7	27+10.62	65.32	634302.4419	2071306.1949
Y7	27+12.34	60.00	634306.1368	2071302.0031
Y7	27+39.79	-113.53	634401.4217	2071154.3748
Y7	27+42.80	-130.19	634410.9928	2071140.3937
Y7	27+59.64	-112.92	634419.6355	2071163.1630
Y7	27+61.11	-121.16	634424.3701	2071156.2535
Y7	27+62.08	-126.60	634427.4962	2071151.6914
Y7	27+65.00	-137.00	634434.4705	2071143.4265
Y7	28+02.00	-125.00	634465.6443	2071170.9111
Y7	28+02.00	-103.75	634456.5270	2071190.1061
Y7	28+02.00	-110.08	634459.2412	2071184.3918
Y7	29+30.90	61.35	634492.7219	2071397.6617
Y7	29+31.10	60.00	634493.5903	2071396.6147
Y7	29+31.85	91.75	634477.4165	2071423.9437
Y7	29+36.14	62.02	634496.5702	2071400.8539
Y7	29+53.44	94.27	634492.8097	2071436.7128
Y7	29+54.16	-83.77	634590.3689	2071287.7791
Y7	29+55.58	-96.93	634598.8279	2071277.5818
Y7	29+57.15	64.47	634511.9636	2071413.6229
Y7	29+62.42	65.02	634515.8119	2071416.8152
Y7	29+62.99	60.00	634519.0337	2071412.9232
Y7	29+72.82	-82.85	634606.5556	2071299.5916
Y7	29+73.93	-94.80	634614.2211	2071290.3509
Y7	29+93.71	-82.20	634624.6519	2071312.7977
Y7	29+99.38	60.00	634547.4977	2071432.3887
Y7	31+30.10	-112.85	634759.5690	2071380.6986
Y7	31+33.04	-98.79	634752.5693	2071393.3118
Y7	31+47.79	-117.43	634777.0566	2071390.4034
Y7	31+51.27	-101.72	634769.1846	2071404.5287
Y7	31+56.96	-102.43	634774.2012	2071408.2327
Y7	35+08.99	-90.28	635021.2383	2071660.5215
Y7	36+27.62	50.59	635009.8831	2071844.3359
Y7	36+51.73	50.12	635027.6573	2071860.6384
Y7	36+59.01	78.95	635013.0307	2071886.5232
Y7	36+70.10	66.68	635029.5227	2071885.2927

I, Parks H. Icenhour Jr., 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 6/13/2022 to 9/12/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 25th day of October, 2022.

Professional Land Surveyor L-3996

NOTES:

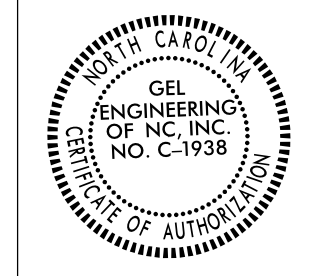
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 6/13/2022 TO 9/12/2022 .

REVISIONS

6/2/09

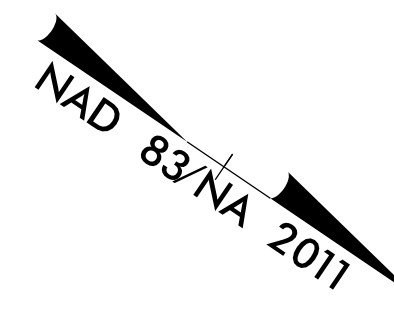
Location and Surveys

GEL SOLUTIONS
 an Affiliate of THE GEL GROUP, INC.
 2700 SUMNER BLVD.
 SUITE 106
 RALEIGH, NC 27616
 (919) 544-1100
 WWW.GEL-SOLUTIONS.COM

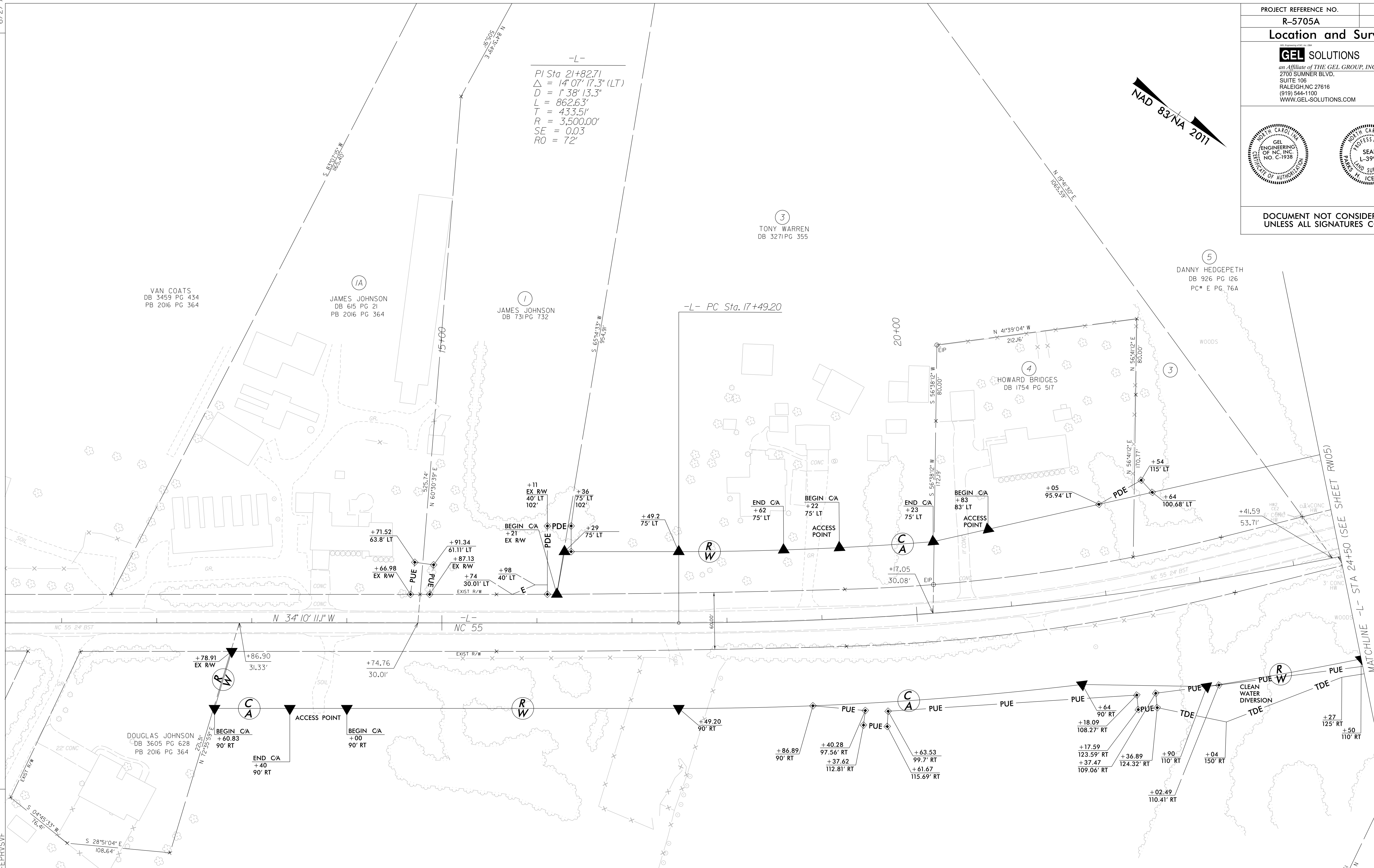


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-
 PI Sta 21+82.71
 $\Delta = 14^{\circ} 07' 17.3''$ (LT)
 $D = 1^{\circ} 38' 13.3''$
 $L = 862.63'$
 $T = 433.51'$
 $R = 3,500.00'$
 $SE = 0.03$
 $RO = 72'$



REVISIONS



I, Parks H. Icenhour Jr., 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 6/13/2022 to 9/01/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.
 This 25th day of October, 2022.

Professional Land Surveyor L-3996

②
 JAMES JOHNSON
 DB 730 PG 223

NOTES:

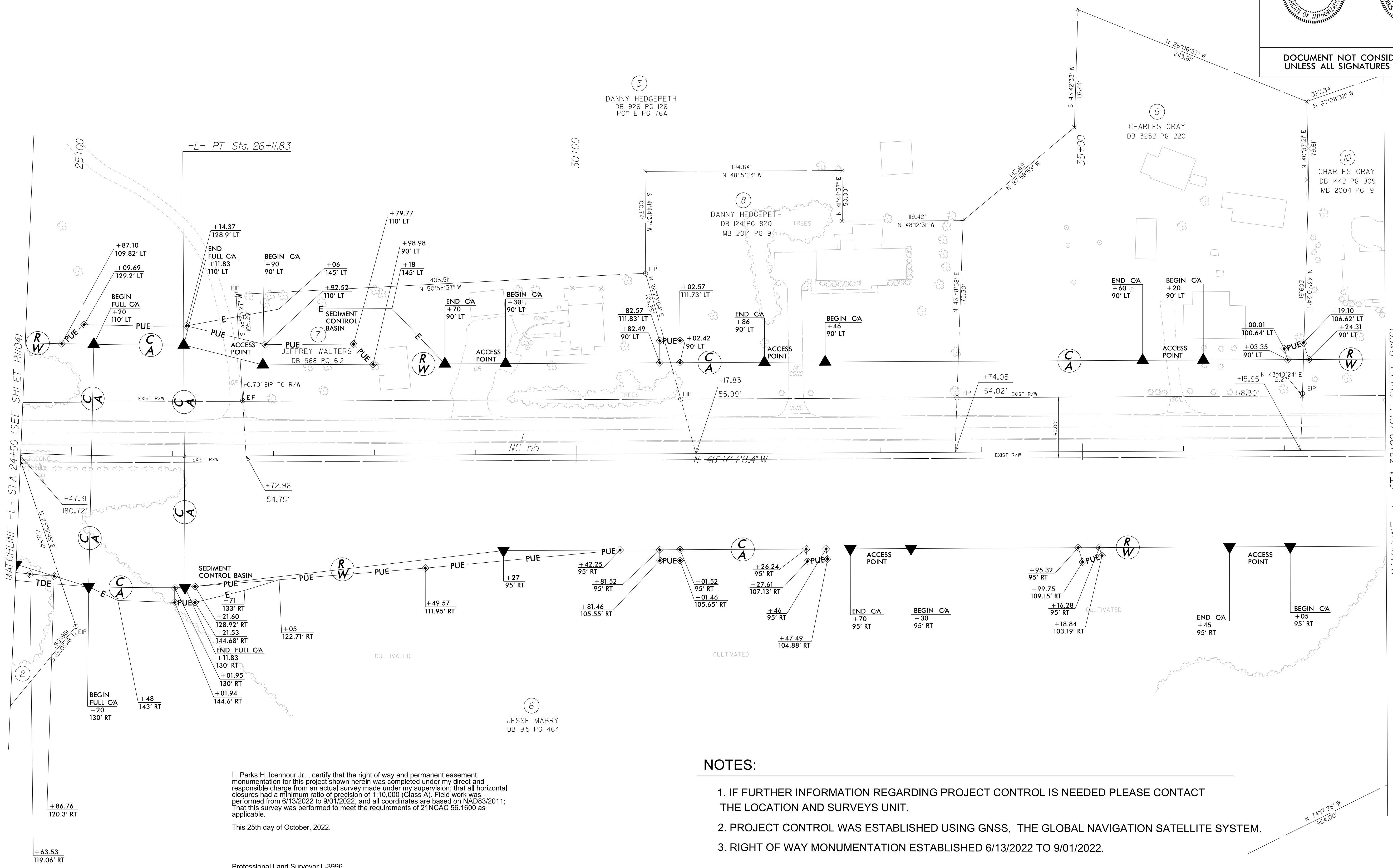
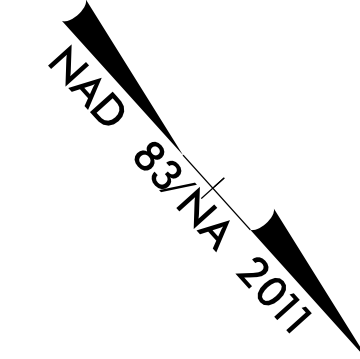
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 6/13/2022 TO 9/01/2022.

GREGORY INVESTMENT PROPERTIES LLC
 DB 3497 PG 845

24-OCT-2022 14:20 C:\GEL\Projects\2022\R-5705A_ROW\5705.r.w.sheets\R5705A_1s.r.w4.dgn
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 Jason Prévaille

-L-

PI Sta 21+82.71
 $\Delta = 14' 07" 17.3" (LT)$
 $D = 1' 38" 13.3"$
 $L = 862.63'$
 $T = 433.51'$
 $R = 3,500.00'$
 $SE = 0.03$
 $RO = 150'$



REVISIONS

24-OCT-2022 13:37
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 Jason Prevatt
 AT DESKTOP-ERRYSVF

I, Parks H. Icenhour Jr., 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 6/13/2022 to 9/01/2022, and all coordinates are based on NAD83/2011;
 That this survey was performed to meet the requirements of 21NCAC 56.1600 as
 applicable.

This 25th day of October, 2022.

Professional Land Surveyor L-3996

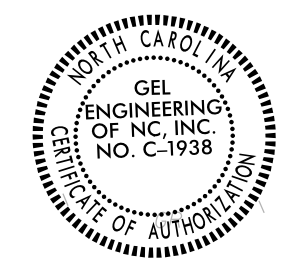
NOTES:

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 6/13/2022 TO 9/01/2022.

N 74°17'28" W
954.00'

Location and Surveys

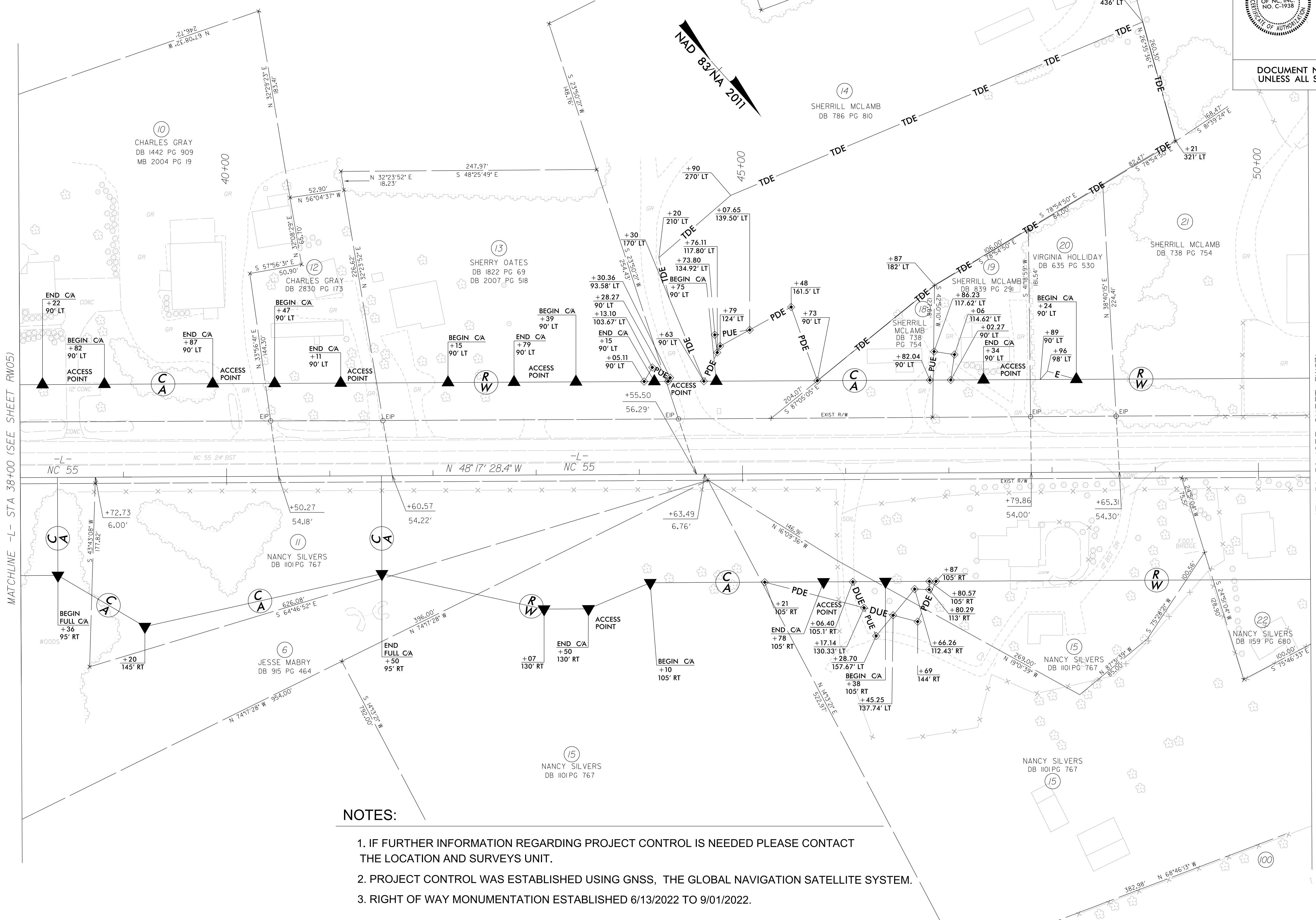
GEL SOLUTIONS
an Affiliate of THE GEL GROUP, INC.
2700 SUMMER BLVD.
SUITE 106
RALEIGH, NC 27616
(919) 544-1100
WWW.GEL-SOLUTIONS.COM



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Parks H. Icenhour Jr., 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...

Professional Land Surveyor L-3996



- 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 6/13/2022 TO 9/01/2022.

REVISIONS

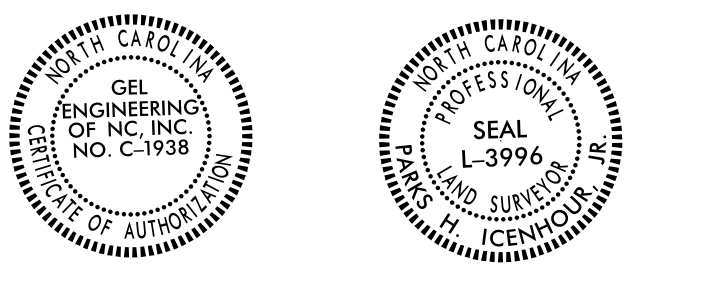
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MATCHLINE -L- STA 38+00 (SEE SHEET RW05)

MATCHLINE -L- STA 50+50 (SEE SHEET RW07)

Location and Surveys

GEL SOLUTIONS
an Affiliate of THE GEL GROUP, INC.
2700 SUMNER BLVD.
SUITE 106
RALEIGH, NC 27616
(919) 544-1100
WWW.GEL-SOLUTIONS.COM



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, Parks H. Icenhour Jr., 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 6/13/2022 to 9/01/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 25th day of October, 2022.

Professional Land Surveyor L-3996

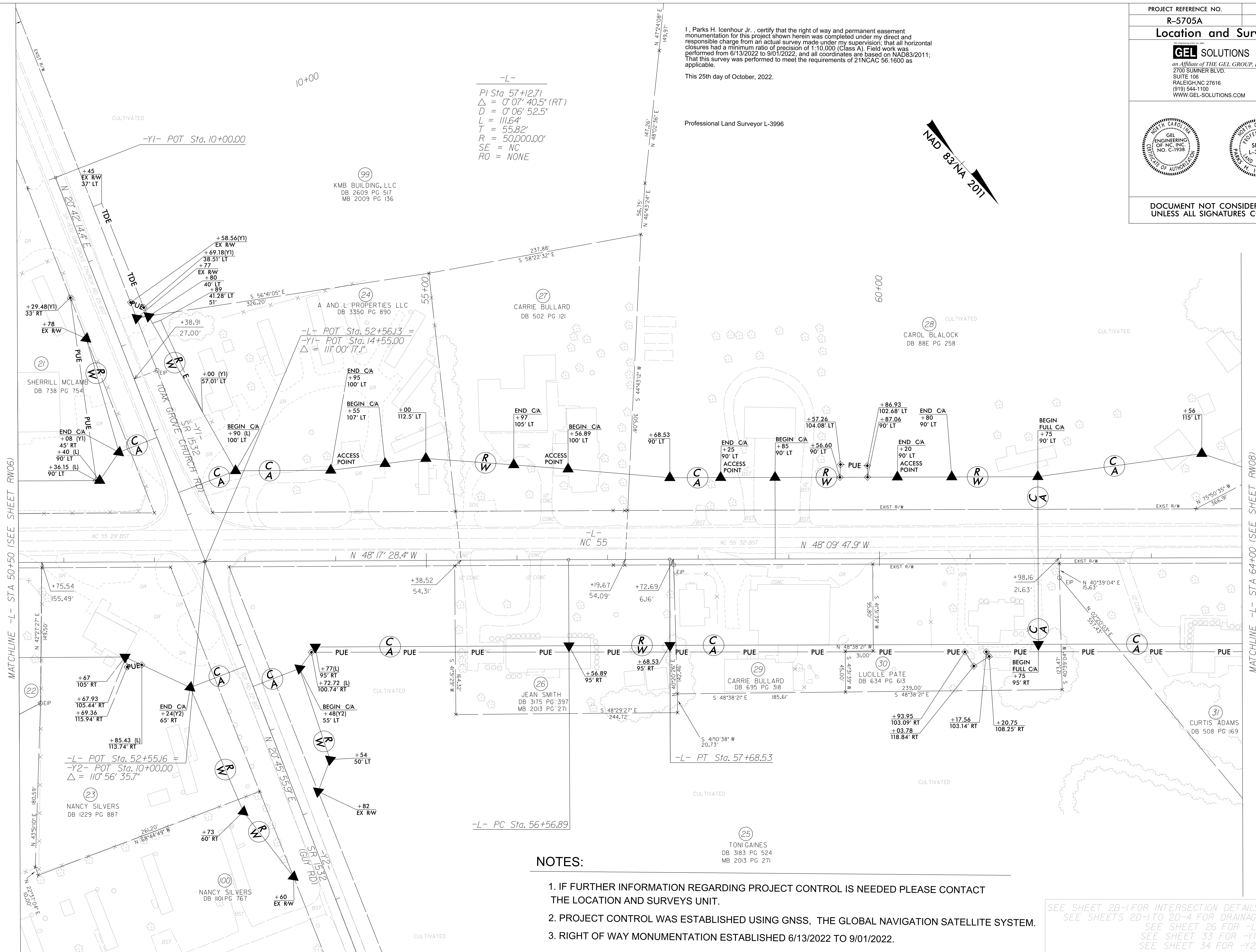


-L-
PI Sta 57+12.71
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L = 111.64'
T = 55.82'
R = 50,000.00'
SE = NC
RO = NONE

10+00

-Y1- POT Sta. 10+00.00

-L- POT Sta. 52+56.13 =
-Y1- POT Sta. 14+55.00
 $\Delta = 111^{\circ} 00' 17.1''$



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 6/13/2022 TO 9/01/2022.

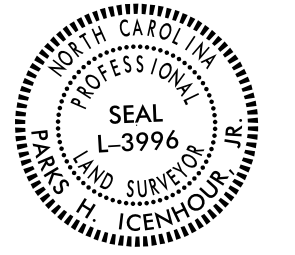
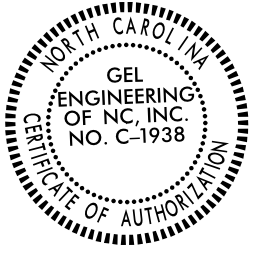
SEE SHEET 2B-1 FOR INTERSECTION DETAILS 3 AND 4
SEE SHEETS 2D-1 TO 2D-4 FOR DRAINAGE DETAILS
SEE SHEET 26 FOR -L- PROFILE
SEE SHEET 33 FOR -Y1- PROFILE
SEE SHEET 34 FOR -Y2- PROFILE

REVISIONS

24-OCT-2022 13:41 2022-R-5705A-RW07.rw.sheets\F5705A_1s_rw07.dgn
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 Jason Private

Location and Surveys

GEL SOLUTIONS an Affiliate of THE GEL GROUP, INC. 2700 SUMNER BLVD. SUITE 106 RALEIGH, NC 27616 (919) 544-1100 WWW.GEL-SOLUTIONS.COM

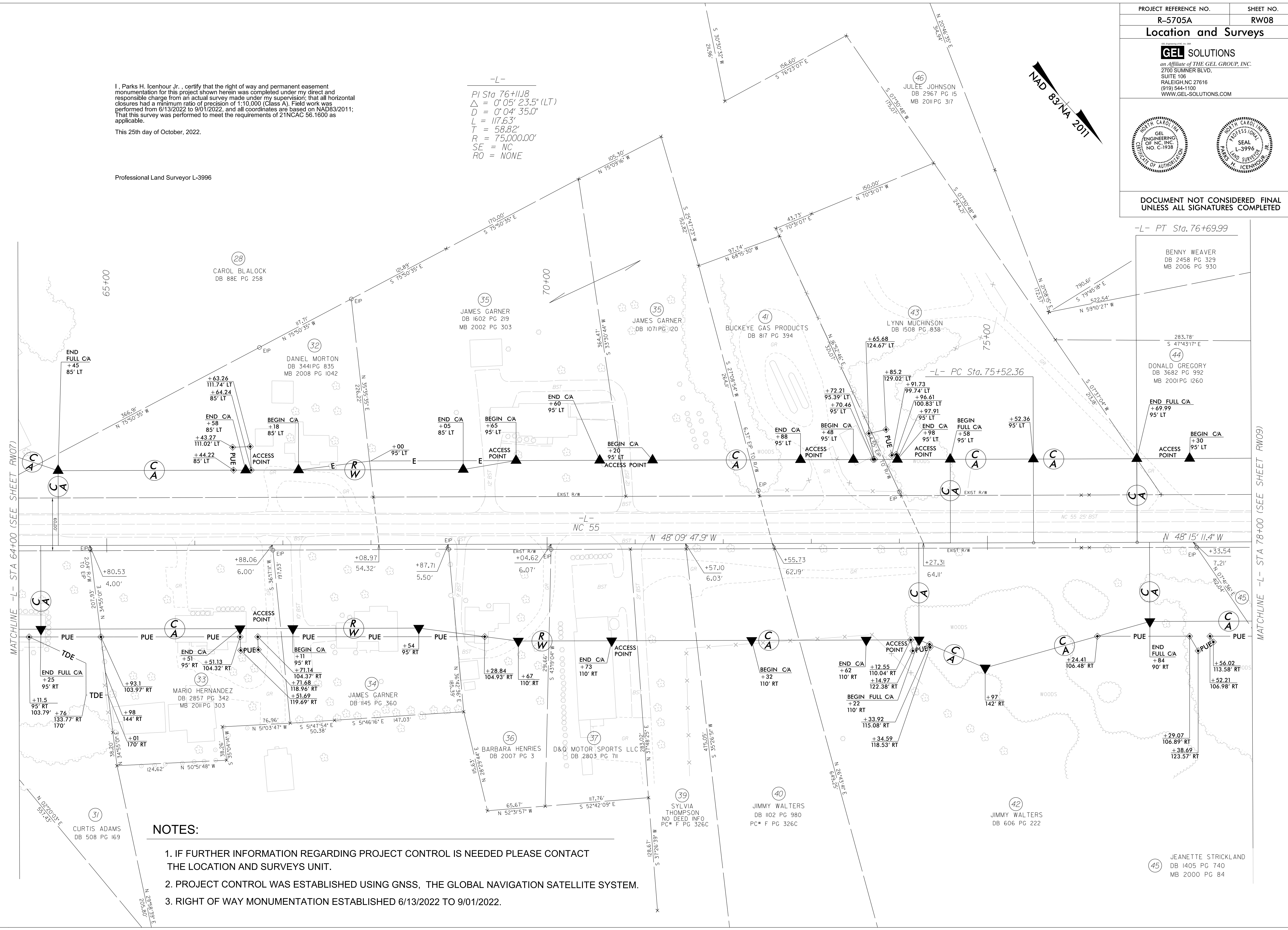
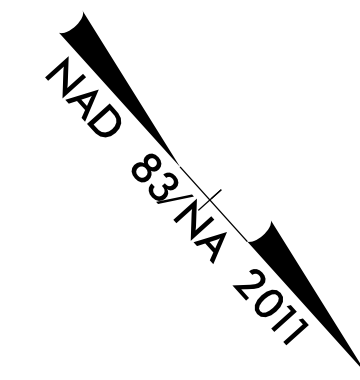


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Parks H. Icenhour Jr., 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 6/13/2022 to 9/01/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable. This 25th day of October, 2022.

Professional Land Surveyor L-3996

-L- PI Sta 76+11.8 Δ = 0° 05' 23.5" (LT) D = 0° 04' 35.0" L = 117.63' T = 58.82' R = 75,000.00' SE = NC RO = NONE



REVISIONS

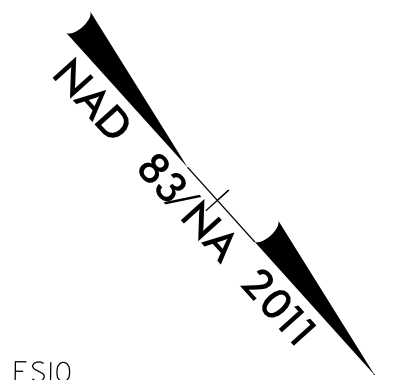
MATCHLINE -L- STA 64+00 (SEE SHEET RW07)

MATCHLINE -L- STA 78+00 (SEE SHEET RW09)

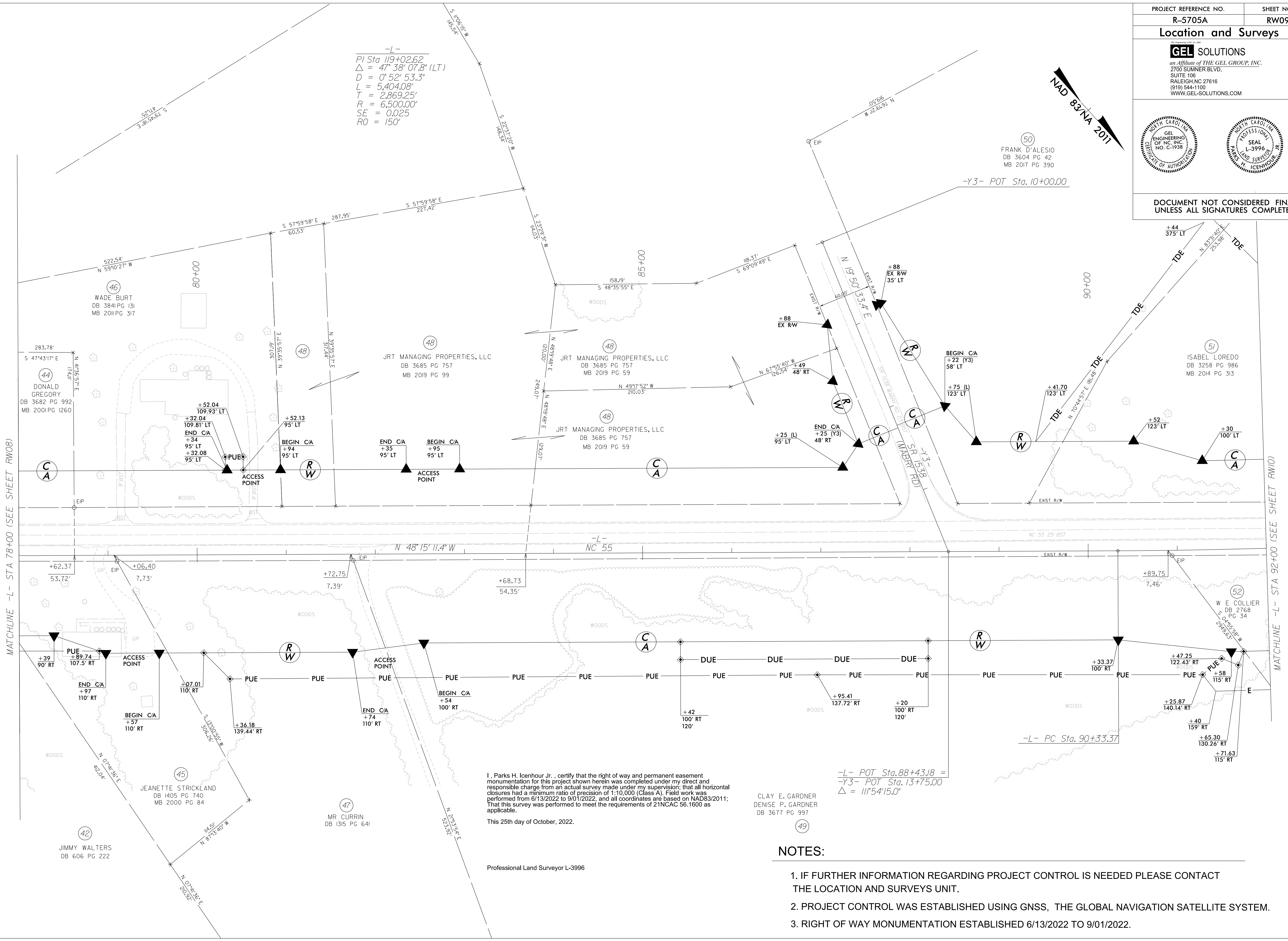
NOTES:

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 6/13/2022 TO 9/01/2022.

24-OCT-2022 13:43 6/2/09 2022 R-5705A ROW V-5705.r.w. sheets\F5705A.Ls.r.w08.dgn AT DESKTOP-ERRYSVF JESSIE FERRIS



-L-
 PI Sta 119+02.62
 $\Delta = 47^{\circ} 38' 07.8''$ (LT)
 $D = 0^{\circ} 52' 53.3''$
 $L = 5,404.08'$
 $T = 2,869.25'$
 $R = 6,500.00'$
 $SE = 0.025$
 $RO = 150'$



I, Parks H. Icenhour Jr., 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 6/13/2022 to 9/01/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 25th day of October, 2022.

Professional Land Surveyor L-3996

CLAY E. GARDNER
 DENISE P. GARDNER
 DB 3677 PG 997

(49)

-L- POT Sta. 88+43.18 =
 -Y3- POT Sta. 13+75.00
 $\Delta = 111^{\circ} 54' 15.0''$

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 6/13/2022 TO 9/01/2022.

REVISIONS

24-OCT-2022 13:44 2022-R-5705A-RW09-V5705A.rw.sheets\F5705A.LS.rw09.dgn
 6:06 PM
 JASON F. EVANS
 AT DESKTOP-ERRYSVF