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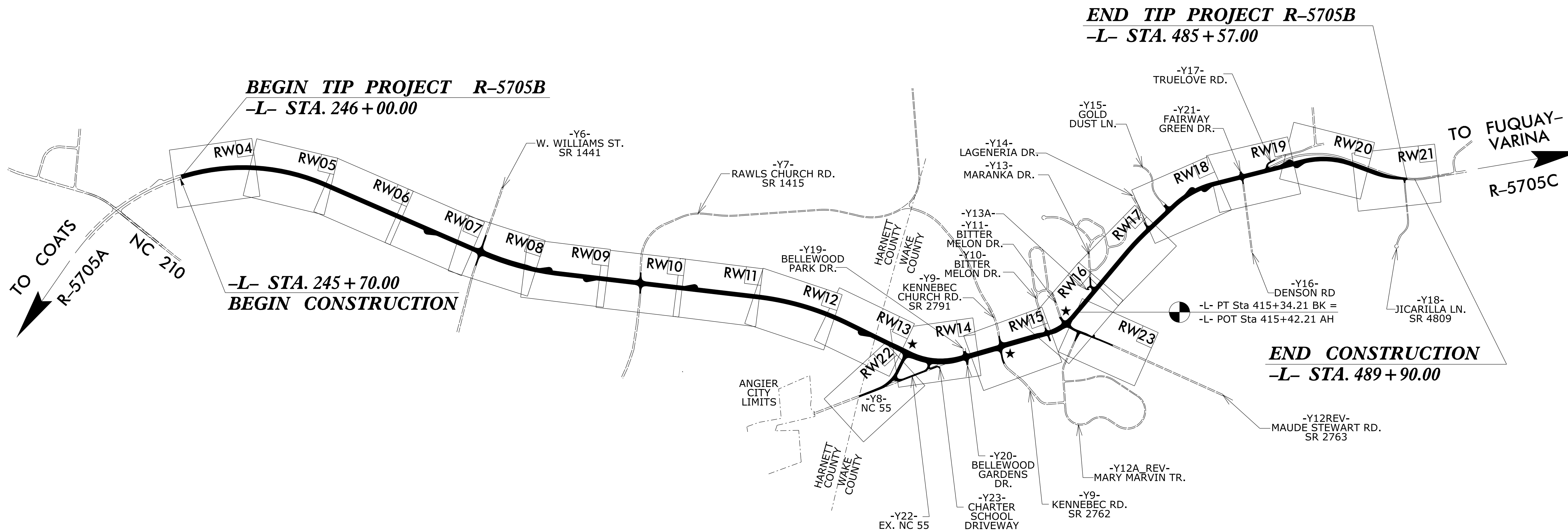
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TIP PROJECT: R-5705B

| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-------|-----------------------------|-----------|--------------|
| N.C. | R-5705B | RW01 | 42 |

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



TO COATS
 R-5705A
 NC 210

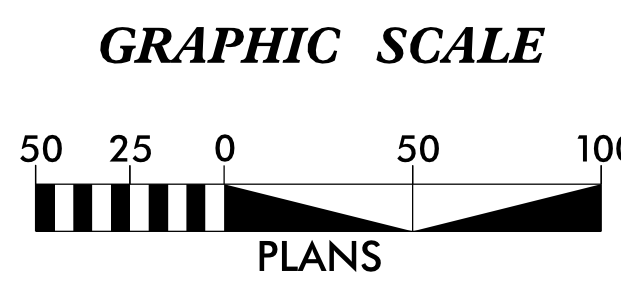
TO FUQUAY-VARINA
 R-5705C

BEGIN TIP PROJECT R-5705B
-L- STA. 246 + 00.00

-L- STA. 245 + 70.00
BEGIN CONSTRUCTION

END TIP PROJECT R-5705B
-L- STA. 485 + 57.00

END CONSTRUCTION
-L- STA. 489 + 90.00



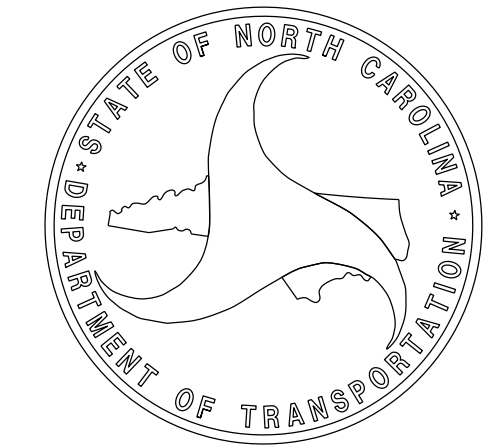
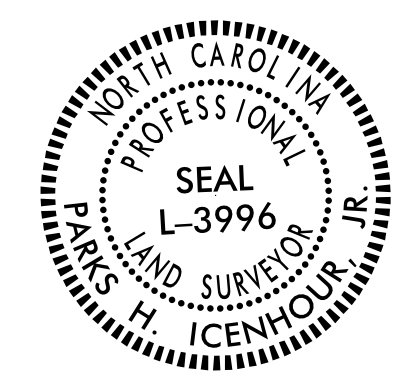
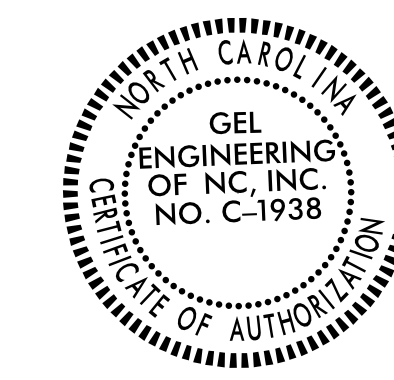
DATUM DESCRIPTION

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/NA 2011 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 0.99987346 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "R5705/U5751-AZ1" TO -L- STATION 222+05.73 IS S 16-00'20.06" W 11,141.51(ft) ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

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

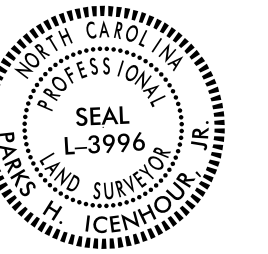
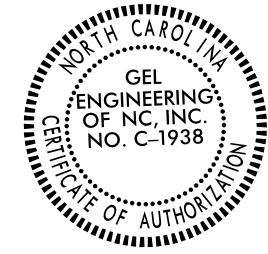
RIGHT OF WAY DATE:
 03/03/2021

LETTING DATE:
 10/18/2022



SIGNATURE: _____ Date: _____

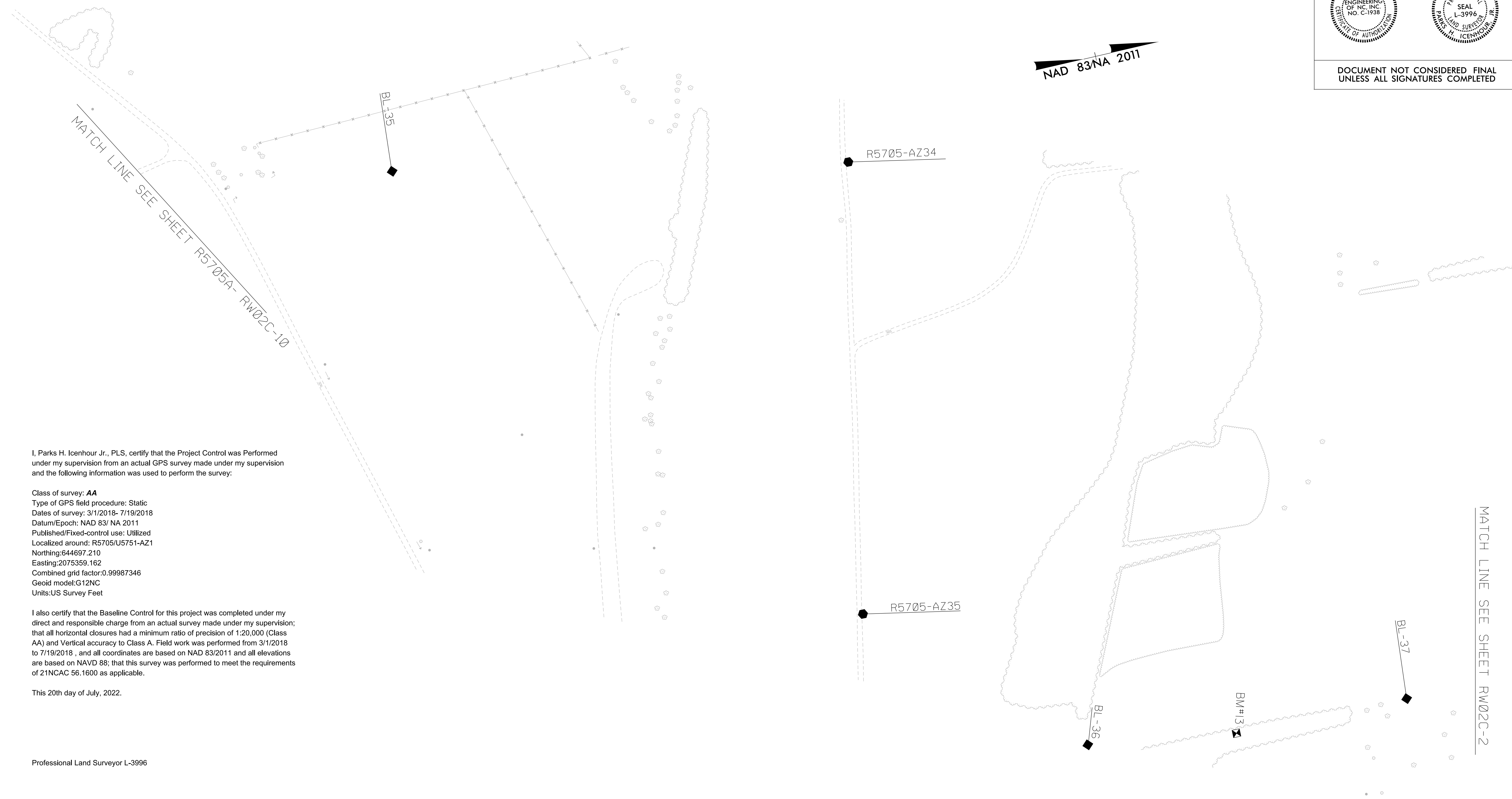
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SURVEY CONTROL SHEET

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 20th day of July, 2022.

Professional Land Surveyor L-3996


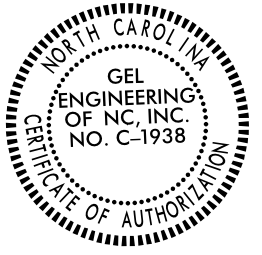

**SEE SHEET RW02C-15
 FOR FUTHER
 ALIGNMENT DETAILS**

NOTES:

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

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

| | |
|--|---|
| PROJECT REFERENCE NO. R-5705B | SHEET NO. RW02C-2 |
| 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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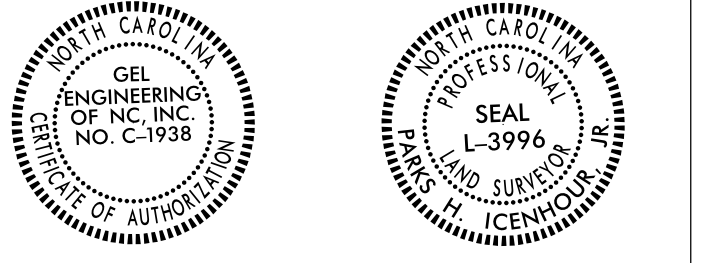
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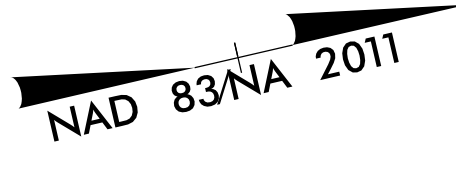
SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

| | |
|---|-----------|
| PROJECT REFERENCE NO. | SHEET NO. |
| R-5705B | RW02C-3 |
| Location and Surveys | |
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MATCH LINE SEE SHEET RW02C-2

MATCH LINE SEE SHEET RW02C-4

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:


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Professional Land Surveyor L-3996

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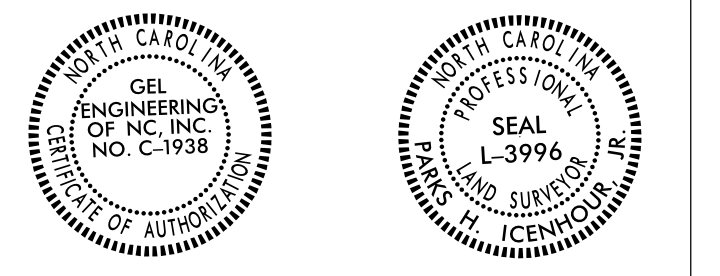
 R5705-AZ37

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

REVISIONS

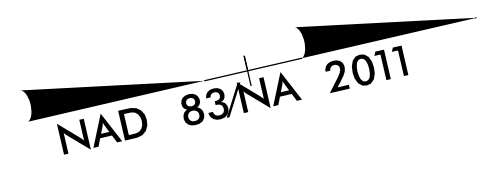
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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



MATCH LINE SEE SHEET RW02C-3



MATCH LINE SEE SHEET RW02C-5

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Professional Land Surveyor L-3996

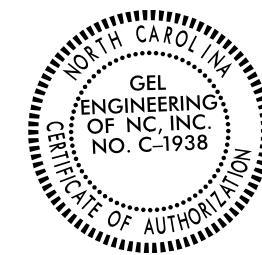

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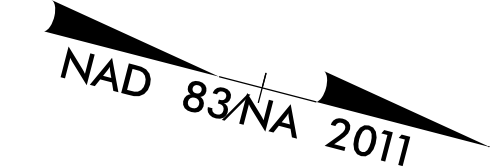
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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

| | |
|--|---|
| PROJECT REFERENCE NO. R-5705B | SHEET NO. RW02C-5 |
| Location and Surveys | |
| GEL SOLUTIONS <small>an Affiliate of THE GEL GROUP, INC.</small> 2700 SUMNER BLVD. SUITE 108 RALEIGH, NC 27616 (919) 544-1100 WWW.GEL-SOLUTIONS.COM | |
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Professional Land Surveyor L-3996

NOTES:

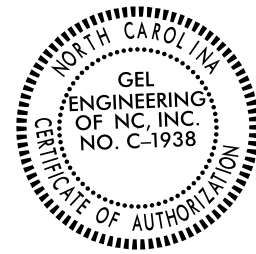
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SEE SHEET RW02C-15 FOR FUTHER ALIGNMENT DETAILS

Location and Surveys

GEL SOLUTIONS

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2700 SUMNER BLVD.
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(919) 544-1100
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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

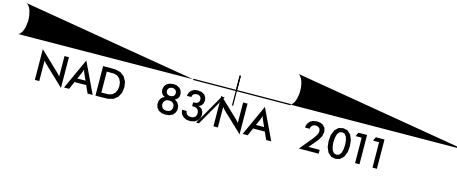
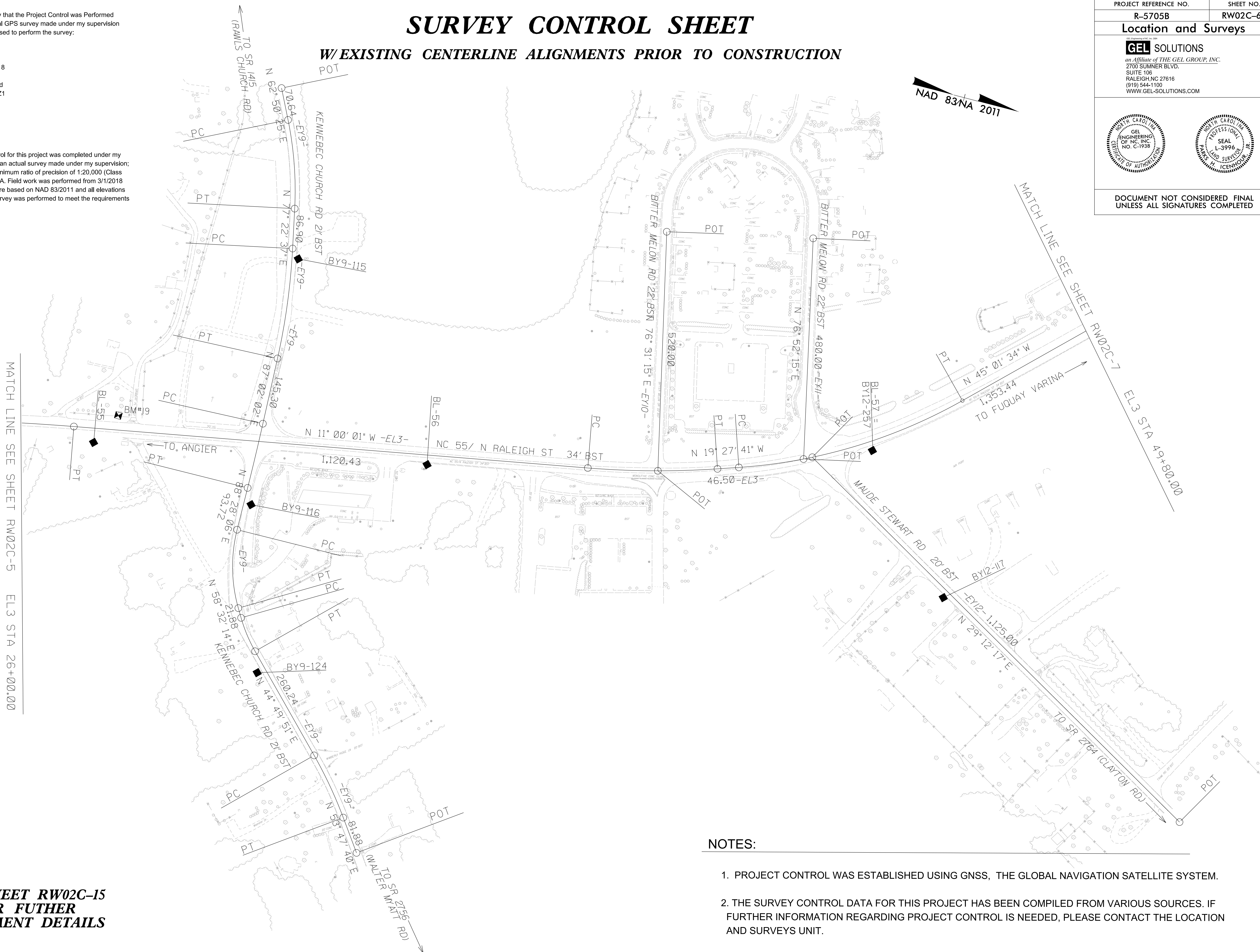
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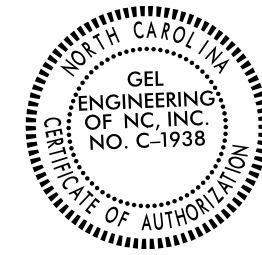
**SEE SHEET RW02C-15
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Location and Surveys

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SURVEY CONTROL SHEET

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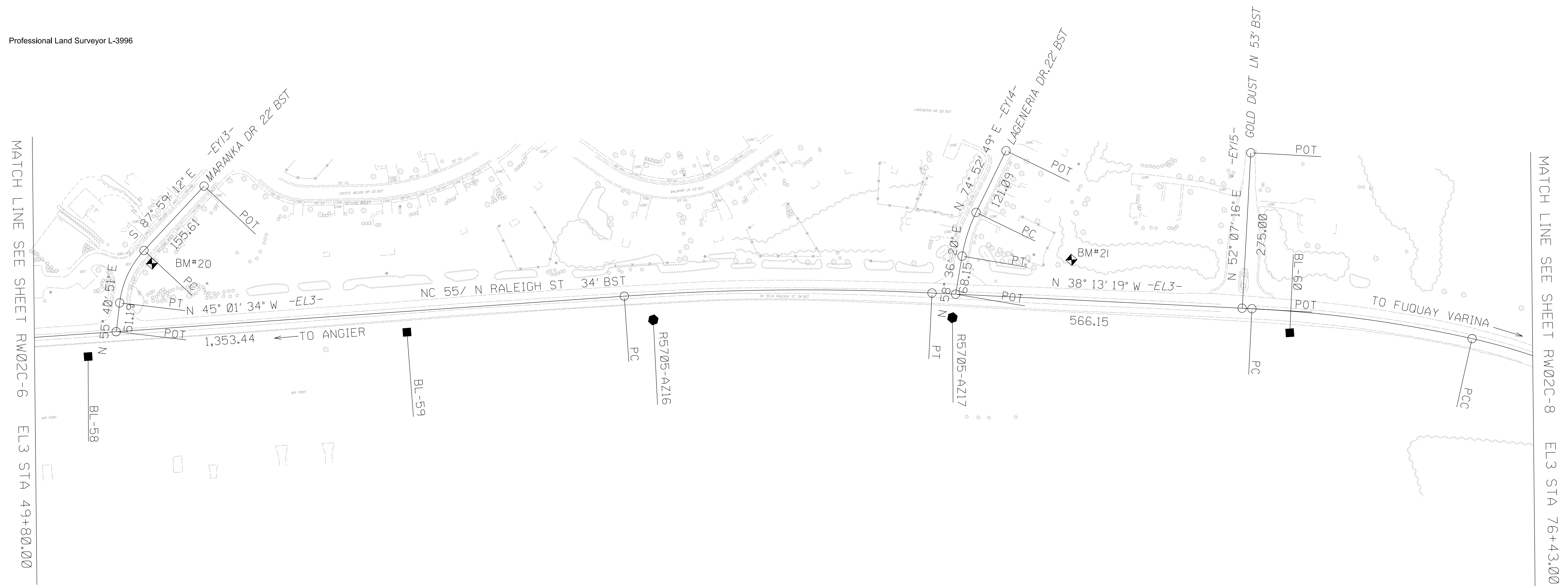
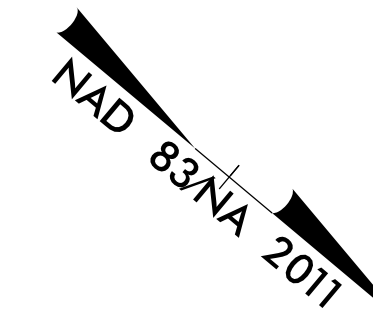
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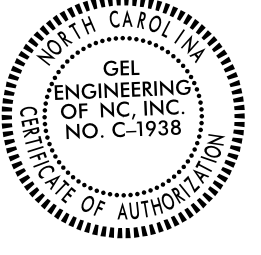

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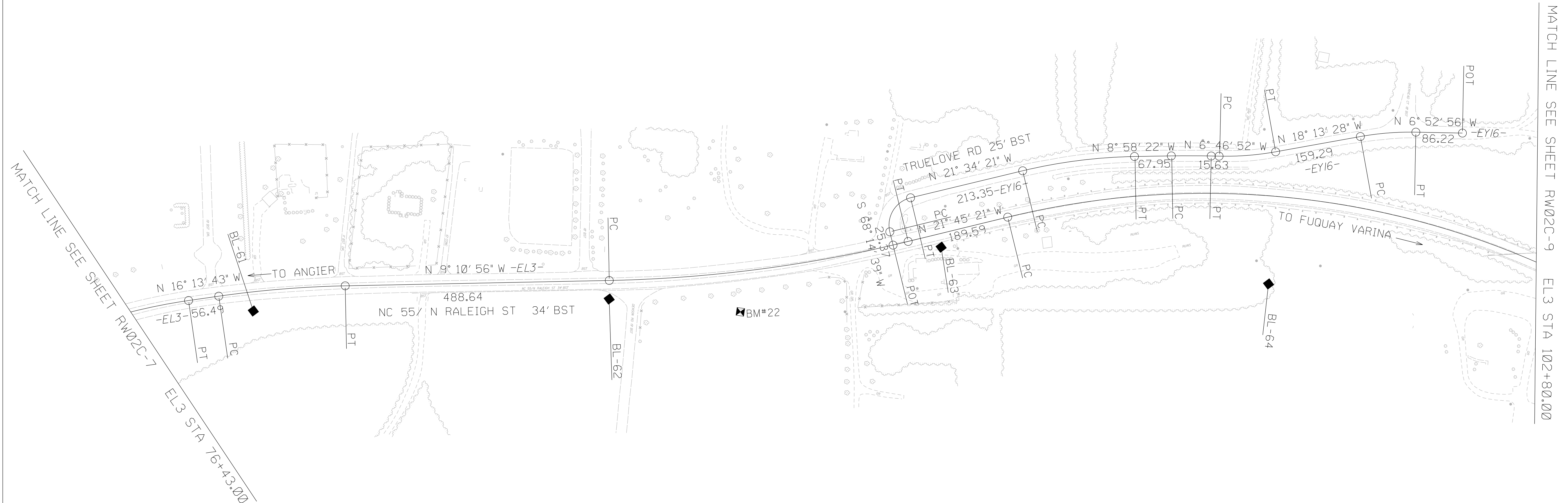
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Professional Land Surveyor L-3996

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

| | |
|---|-----------|
| PROJECT REFERENCE NO. | SHEET NO. |
| R-5705B | RW02C-8 |
| Location and Surveys | |
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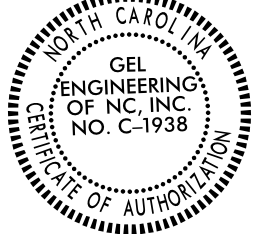

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SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

| | |
|--|---|
| PROJECT REFERENCE NO. R-5705B | SHEET NO. RW02C-9 |
| 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 | |
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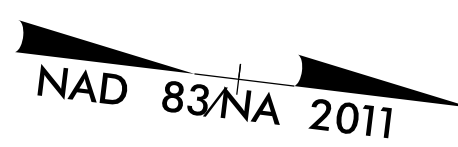
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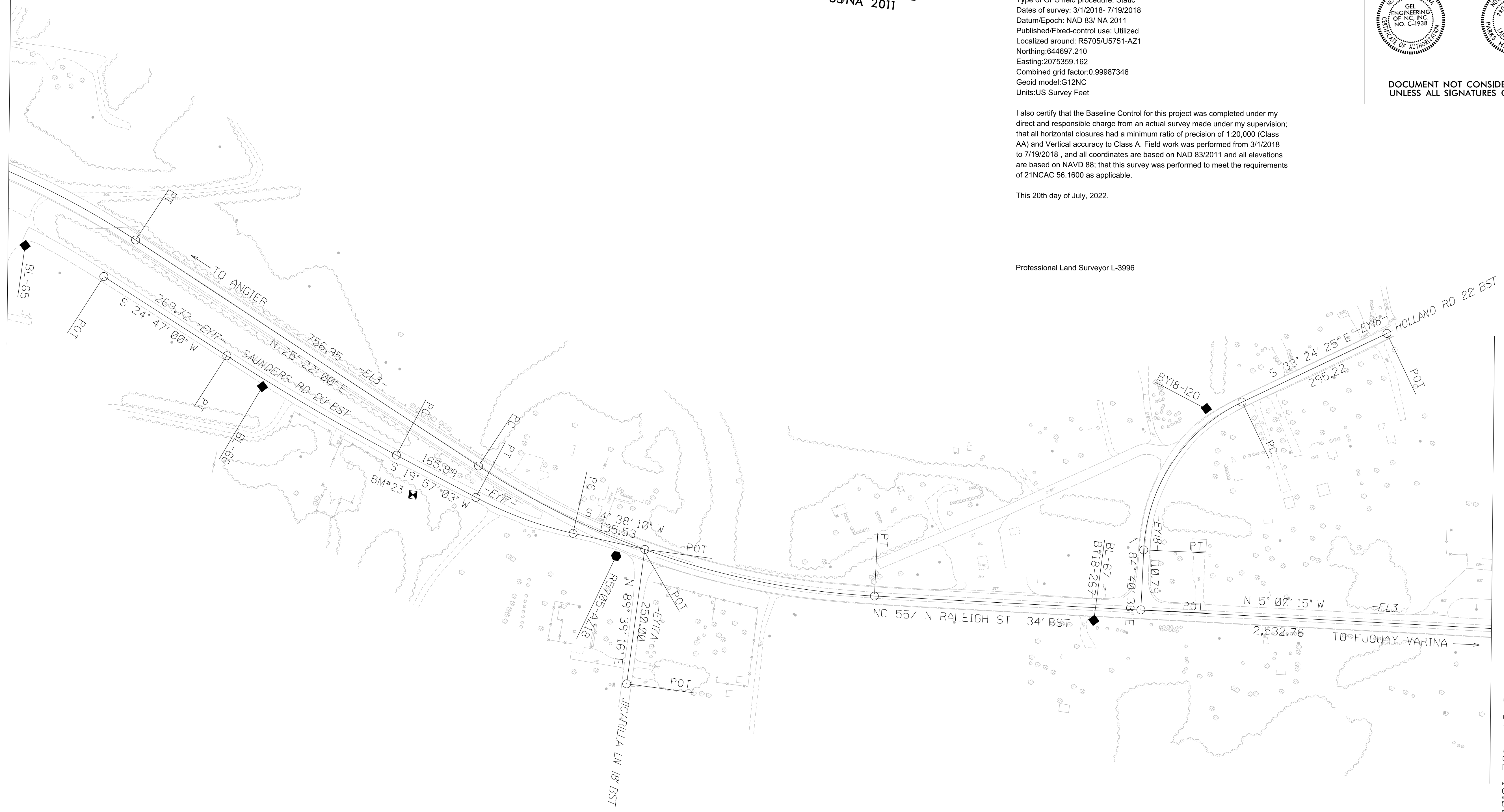
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Professional Land Surveyor L-3996



MATCH LINE SEE SHEET RW02C-8
EL3 STA 102+80.00



MATCH LINE SEE SHEET RW02C-1-R-5705C
EL3 STA 132+18.00

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FOR FUTHER
ALIGNMENT DETAILS**

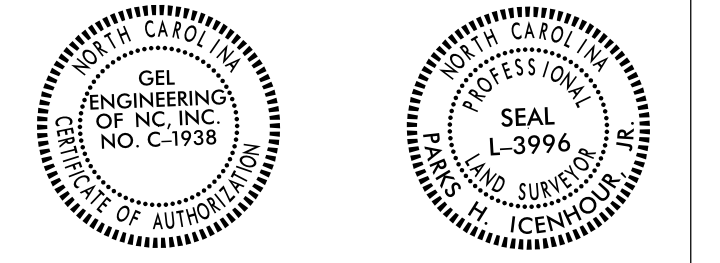
SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. SHEET NO.
R-5705B RW02C-10

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**

| BL | POINT | DESC. | NORTH | EAST | ELEVATION |
|------|-------|--------------|-------------|--------------|-----------|
| 35 | | R5705 BL -35 | 638268.7224 | 2071301.3642 | 310.47 |
| AZ34 | | R5705 AZ -34 | 639120.9450 | 2071463.7370 | 311.36 |
| AZ35 | | R5705 AZ -35 | 638969.8600 | 2072310.0710 | 329.25 |
| 36 | | R5705 BL -36 | 639336.9333 | 2072642.5440 | 316.18 |
| 37 | | R5705 BL -37 | 639947.2902 | 2072681.7388 | 327.82 |
| 38 | | R5705 BL -38 | 640534.5546 | 2072939.9342 | 310.76 |
| 39 | | R5705 BL -39 | 641253.7273 | 2072990.6306 | 309.13 |
| 40 | | R5705 BL -40 | 641570.6546 | 2073341.8177 | 299.47 |
| 41 | | R5705 BL -41 | 641989.6423 | 2073179.8927 | 279.93 |
| 42 | | R5705 BL -42 | 642494.3086 | 2073416.9905 | 262.57 |
| 43 | | R5705 BL -43 | 642947.5953 | 2073452.5360 | 279.96 |
| 44 | | R5705 BL -44 | 643377.1976 | 2073642.5055 | 289.66 |
| AZ36 | | R5705 AZ -36 | 644090.7860 | 2073886.6390 | 301.02 |
| 45 | | R5705 BL -45 | 644429.5070 | 2073656.2990 | 305.64 |
| 46 | | R5705 BL -46 | 644824.9540 | 2073651.9510 | 289.57 |
| 47 | | R5705 BL -47 | 645211.0060 | 2073621.9070 | 283.65 |
| 48 | | R5705 BL -48 | 645665.8330 | 2073677.5860 | 298.40 |
| 49 | | R5705 BL -49 | 646133.0610 | 2073945.0820 | 310.85 |
| 50 | | R5705 BL -50 | 646894.3510 | 2074490.9380 | 325.06 |
| 51 | | R5705 BL -51 | 647317.4340 | 2074661.9350 | 324.45 |
| 52 | | R5705 BL -52 | 647695.8680 | 2074854.6090 | 316.52 |
| 53 | | R5705 BL -53 | 647945.7120 | 2075038.8890 | 315.90 |
| 54 | | R5705 BL -54 | 648176.2670 | 2075493.8170 | 314.75 |
| AZ14 | | R5705 AZ -14 | 648438.4260 | 2075934.0490 | 321.72 |
| AZ15 | | R5705 AZ -15 | 649279.8890 | 2075631.8310 | 327.48 |
| 55 | | R5705 BL -55 | 650095.9060 | 2075479.0100 | 341.06 |
| 56 | | R5705 BL -56 | 650806.4080 | 2075329.7540 | 347.69 |
| 57 | | R5705 BL -57 | 651731.2380 | 2075040.2490 | 342.05 |
| 58 | | R5705 BL -58 | 652201.0570 | 2074627.8260 | 337.59 |
| 59 | | R5705 BL -59 | 652597.9660 | 2074225.3360 | 343.70 |
| AZ16 | | R5705 AZ -16 | 652912.1840 | 2073923.0900 | 341.81 |
| AZ17 | | R5705 AZ -17 | 653308.5480 | 2073573.0240 | 348.42 |
| 60 | | R5705 BL -60 | 653775.9116 | 2073201.5451 | 346.68 |
| 61 | | R5705 BL -61 | 654350.6900 | 2072916.7214 | 345.33 |
| 62 | | R5705 BL -62 | 654999.5187 | 2072802.9207 | 360.32 |
| 63 | | R5705 BL -63 | 655594.2722 | 2072622.1323 | 367.21 |
| 64 | | R5705 BL -64 | 656203.5496 | 2072605.0726 | 370.47 |
| 65 | | R5705 BL -65 | 656737.4508 | 2072627.0867 | 371.90 |
| 66 | | R5705 BL -66 | 657206.8285 | 2072823.7093 | 371.17 |
| AZ18 | | R5705 AZ -18 | 657895.9210 | 2073042.0660 | 364.99 |
| 67 | | R5705 BL -67 | 658784.0995 | 2073036.6068 | 376.20 |

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 20th day of July, 2022.

Professional Land Surveyor L-3996


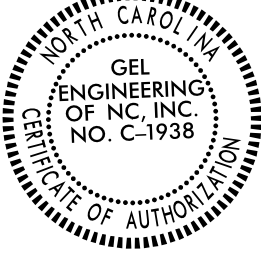

NOTES:

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**

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

| | |
|--|-----------|
| PROJECT REFERENCE NO. | SHEET NO. |
| R-5705B | 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 | |
|   | |
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |

| BY6 | POINT | DESC. | NORTH | EAST | ELEVATION |
|-----|-------|---------------|-------------|--------------|-----------|
| 111 | | R5705 BY6-111 | 641456.4810 | 2072412.1950 | 285.49 |
| 239 | | R5705 BL-39 | 641253.7273 | 2072990.6306 | 309.13 |
| 112 | | R5705 BY6-112 | 641021.0720 | 2073404.6020 | 312.63 |

| BY7 | POINT | DESC. | NORTH | EAST | ELEVATION |
|-----|-------|---------------|-------------|--------------|-----------|
| 123 | | R5705 BY7-123 | 644209.6138 | 2072992.6101 | 260.81 |
| 113 | | R5705 BY7-113 | 644078.3230 | 2073515.4570 | 294.53 |
| 236 | | R5705 AZ-36 | 644090.7860 | 2073886.6390 | 301.02 |
| 237 | | R5705 AZ-37 | 643947.5180 | 2074578.2920 | 309.98 |

| BY8 | POINT | DESC. | NORTH | EAST | ELEVATION |
|-----|-------|---------------|-------------|--------------|-----------|
| 214 | | R5705 AZ-14 | 648438.4260 | 2075934.0490 | 321.72 |
| 114 | | R5705 BY8-114 | 647871.4540 | 2076097.3140 | 331.34 |

| BY9 | POINT | DESC. | NORTH | EAST | ELEVATION |
|-----|-------|---------------|-------------|--------------|-----------|
| 115 | | R5705 BY9-115 | 650416.5250 | 2074974.4260 | 345.24 |
| 116 | | R5705 BY9-116 | 650461.4520 | 2075516.4320 | 344.78 |
| 124 | | R5705 BY9-124 | 650572.6260 | 2075864.4390 | 349.98 |

| BY12 | POINT | DESC. | NORTH | EAST | ELEVATION |
|------|-------|----------------|-------------|--------------|-----------|
| 257 | | R5705 BL-57 | 651731.2380 | 2075040.2490 | 342.05 |
| 117 | | R5705 BY12-117 | 651964.4800 | 2075306.1940 | 339.64 |

| BY18 | POINT | DESC. | NORTH | EAST | ELEVATION |
|------|-------|----------------|-------------|--------------|-----------|
| 120 | | R5705 BY18-120 | 658933.1330 | 2072621.2530 | 380.76 |
| 267 | | R5705 BL-67 | 658784.0995 | 2073036.6068 | 376.20 |

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:

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 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 20th day of July, 2022.

Professional Land Surveyor L-3996

NOTES:


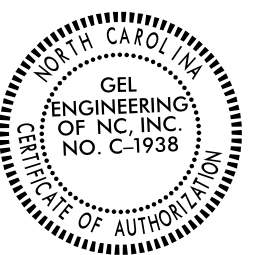

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2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

SEE SHEET RW02C-15 FOR FUTHER ALIGNMENT DETAILS

REVISIONS

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

| | |
|--|-----------------------|
| PROJECT REFERENCE NO. R-5705B | SHEET NO. RW02C-12 |
| Location and Surveys | |
|  GEL SOLUTIONS <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 | |

 BM13 ELEVATION = 325.95
 N 639617 E 2072680
 BENCH NAIL IN BASE OF 16" PINE TREE

 BM19 ELEVATION = 344.91
 N 650132 E 2075408
 BENCH NAIL IN BASE OF 24" PINE TREE

 BM14 ELEVATION = 305.20
 N 641233 E 2072890
 BENCH NAIL IN BASE OF 30" PINE TREE

 BM20 ELEVATION = 334.46
 N 652178 E 2074430
 BOLT ON FIRE HYDRANT

 BM15 ELEVATION = 280.73
 N 642926 E 2073571
 BENCH NAIL IN BASE OF 8" BIRCH TREE

 BM21 ELEVATION = 355.73
 N 653400 E 2073358
 BENCH NAIL IN BASE OF 18" BIRCH TREE

 BM16 ELEVATION = 287.97
 N 644612 E 2073514
 BENCH NAIL IN BASE OF 14" BIRCH TREE

 BM22 ELEVATION = 363.31
 N 655243 E 2072793
 BENCH NAIL IN BASE OF 13" PINE TREE

 BM17 ELEVATION = 305.54
 N 646103 E 2074370
 BENCH NAIL IN BASE OF 18" OAK TREE

 BM23 ELEVATION = 367.08
 N 657509 E 2072983
 BENCH NAIL IN BASE OF 30" PECAN TREE

 BM18 ELEVATION = 318.59
 N 648075 E 2075427
 BENCH NAIL IN BASE OF 12" PINE TREE

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

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This 20th day of July, 2022.

Professional Land Surveyor L-3996

REVISIONS

20-JUL-2022 09:53
 C:\GEL\projects\2022\R-5705B-ROW\contrl-01 sheets\1s-rw02c-12.DGN
 Jason Preatte AT DESKTOP-EPRVSVF


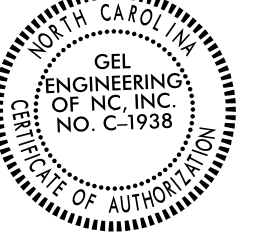

**SEE SHEET RW02C-15
 FOR FUTHER
 ALIGNMENT DETAILS**

NOTES:

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SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

| | |
|--|-----------------------|
| PROJECT REFERENCE NO. R-5705B | SHEET NO. RW02C-13 |
| 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> | |
|   | |
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| EL3 | | | | | | | | | |
|-------|------------|-------------|-----------------|---------|-----------------|-------------|---------|--------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 648393.308 | 2075914.769 | | | | | | | |
| LINE | | | N 16°06'58.6" W | 1305.24 | | | | | |
| PC | 649647.250 | 2075552.452 | | | | | | | |
| CURVE | | | N 13°33'30.0" W | 409.13 | 05°06'57.1"(RT) | 01°15'00.0" | 409.27 | 204.77 | 4583.66 |
| PT | 650044.980 | 2075456.537 | | | | | | | |
| LINE | | | N 11°00'01.5" W | 1120.43 | | | | | |
| PC | 651144.821 | 2075242.741 | | | | | | | |
| CURVE | | | N 15°13'51.1" W | 281.77 | 08°27'39.2"(LT) | 03°00'00.0" | 282.03 | 141.27 | 1909.86 |
| PT | 651416.697 | 2075168.717 | | | | | | | |
| LINE | | | N 19°27'40.7" W | 46.50 | | | | | |
| PC | 651460.537 | 2075153.226 | | | | | | | |
| CURVE | | | N 32°14'37.4" W | 507.07 | 25°33'53.4"(LT) | 05°00'00.0" | 511.30 | 259.98 | 1145.92 |
| PT | 651889.407 | 2074882.695 | | | | | | | |
| LINE | | | N 45°01'34.1" W | 1353.44 | | | | | |
| PC | 652845.999 | 2073925.230 | | | | | | | |
| CURVE | | | N 41°37'26.3" W | 544.02 | 06°48'15.4"(RT) | 01°15'00.0" | 544.34 | 272.49 | 4583.66 |
| PT | 653252.667 | 2073563.869 | | | | | | | |
| LINE | | | N 38°13'18.6" W | 566.15 | | | | | |
| PC | 653697.443 | 2073213.590 | | | | | | | |
| CURVE | | | N 33°18'22.2" W | 392.77 | 09°49'52.7"(RT) | 02°30'00.0" | 393.25 | 197.11 | 2291.83 |
| PT | 654025.700 | 2072997.915 | | | | | | | |
| LINE | | | N 28°23'25.6" W | 0.00 | | | | | |
| PC | 654025.700 | 2072997.915 | | | | | | | |
| CURVE | | | N 22°18'34.5" W | 220.10 | 12°09'42.8"(RT) | 05°30'54.9" | 220.51 | 110.67 | 1038.86 |
| PT | 654229.324 | 2072914.363 | | | | | | | |
| LINE | | | N 16°13'43.1" W | 56.49 | | | | | |
| PC | 654283.567 | 2072898.574 | | | | | | | |
| CURVE | | | N 12°42'19.7" W | 234.73 | 07°02'46.9"(RT) | 03°00'00.0" | 234.88 | 117.59 | 1909.86 |
| PT | 654512.550 | 2072846.948 | | | | | | | |
| LINE | | | N 09°10'56.2" W | 488.64 | | | | | |
| PC | 654994.927 | 2072768.973 | | | | | | | |
| CURVE | | | N 15°28'08.8" W | 557.71 | 12°34'25.1"(LT) | 02°15'00.0" | 558.83 | 280.54 | 2546.48 |
| PT | 655532.432 | 2072620.222 | | | | | | | |
| LINE | | | N 21°45'21.3" W | 189.59 | | | | | |
| PC | 655708.516 | 2072549.950 | | | | | | | |
| CURVE | | | N 01°48'19.6" E | 1229.69 | 47°07'21.7"(RT) | 03°43'30.0" | 1265.04 | 670.76 | 1538.14 |
| PT | 656937.591 | 2072588.692 | | | | | | | |
| LINE | | | N 25°22'00.4" E | 756.95 | | | | | |
| PC | 657621.558 | 2072912.978 | | | | | | | |
| CURVE | | | N 10°10'52.8" E | 768.02 | 30°22'15.3"(LT) | 03°54'30.0" | 777.08 | 397.90 | 1465.99 |
| PT | 658377.479 | 2073048.735 | | | | | | | |
| LINE | | | N 05°00'14.9" W | 2532.76 | | | | | |
| PC | 660900.589 | 2072827.809 | | | | | | | |
| CURVE | | | N 04°52'03.1" W | 27.32 | 00°16'23.6"(RT) | 01°00'00.0" | 27.32 | 13.66 | 5729.58 |
| PT | 660927.012 | 2072825.490 | | | | | | | |
| LINE | | | N 04°43'51.3" W | 2114.91 | | | | | |
| PC | 663035.520 | 2072651.060 | | | | | | | |
| CURVE | | | N 04°53'39.1" W | 32.66 | 00°19'35.7"(LT) | 01°00'00.0" | 32.66 | 16.33 | 5729.58 |
| PT | 663068.058 | 2072648.274 | | | | | | | |
| LINE | | | N 05°03'27.0" W | 1518.09 | | | | | |
| PC | 664580.239 | 2072514.446 | | | | | | | |
| CURVE | | | N 04°58'26.8" W | 16.68 | 00°10'00.3"(RT) | 01°00'00.0" | 16.68 | 8.34 | 5729.58 |
| PT | 664596.852 | 2072513.000 | | | | | | | |
| LINE | | | N 04°53'26.6" W | 2326.95 | | | | | |
| PC | 666915.326 | 2072314.614 | | | | | | | |
| CURVE | | | N 04°42'26.4" W | 36.68 | 00°22'00.6"(RT) | 01°00'00.0" | 36.68 | 18.34 | 5729.58 |
| PT | 666951.884 | 2072311.604 | | | | | | | |
| LINE | | | N 04°31'26.1" W | 207.57 | | | | | |
| PC | 667158.812 | 2072295.232 | | | | | | | |
| CURVE | | | N 04°42'55.5" W | 38.30 | 00°22'58.9"(LT) | 01°00'00.0" | 38.30 | 19.15 | 5729.58 |
| PT | 667196.985 | 2072292.083 | | | | | | | |
| LINE | | | N 04°54'25.0" W | 1354.04 | | | | | |
| POT | 668546.067 | 2072176.261 | | | | | | | |

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:

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This 20th day of July, 2022.

Professional Land Surveyor L-3996

| EY6 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|-------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 641477.085 | 2072402.265 | | | | | | | |
| LINE | | | S 66°12'57.8" E | 942.34 | | | | | |
| PC | 641097.047 | 2073264.578 | | | | | | | |
| CURVE | | | S 68°00'18.4" E | 119.25 | 03°34'41.3"(LT) | 03°00'00.0" | 119.27 | 59.66 | 1909.86 |
| PT | 641052.385 | 2073375.151 | | | | | | | |
| LINE | | | S 69°47'39.1" E | 8.39 | | | | | |
| POT | 641049.488 | 2073383.023 | | | | | | | |


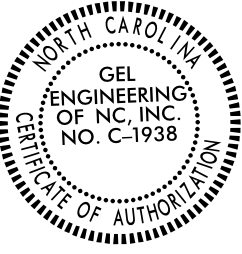
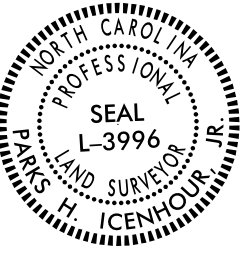
| EY7 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| PC | 644225.491 | 2073002.362 | | | | | | | |
| CURVE | | | S 69°15'33.5" E | 239.41 | 18°01'47.0"(LT) | 07°30'00.0" | 240.40 | 121.20 | 763.94 |
| PCC | 644140.709 | 2073226.253 | | | | | | | |
| CURVE | | | S 81°11'26.9" E | 170.24 | 05°49'59.8"(LT) | 03°25'30.0" | 170.32 | 85.23 | 1672.87 |
| PT | 644114.637 | 2073394.486 | | | | | | | |
| LINE | | | S 84°06'26.8" E | 316.63 | | | | | |
| PC | 644082.131 | 2073709.444 | | | | | | | |
| CURVE | | | S 82°03'48.4" E | 326.97 | 04°05'16.8"(RT) | 01°15'00.0" | 327.04 | 163.59 | 4583.66 |
| PT | 644036.984 | 2074033.282 | | | | | | | |

NOTES:

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

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

| | |
|---|------------------------------|
| PROJECT REFERENCE NO. R-5705B | SHEET NO. RW02C-14 |
| 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 | |

EY8

| POINT | N | E | BEARING | DIST |
|-------|------------|-------------|-----------------|--------|
| POT | 647749.638 | 2076100.753 | | |
| LINE | | | N 16°06'58.6" W | 670.00 |
| POT | 648393.308 | 2075914.769 | | |

EY9

| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|---------|
| POT | 650281.646 | 2074626.615 | N 62°50'24.7" E | 70.64 | | | | | |
| LINE | | | | | | | | | |
| PC | 650313.893 | 2074689.470 | N 70°06'30.7" E | 193.30 | 14°32'12.0"(RT) | 07°30'00.0" | 193.82 | 97.43 | 763.94 |
| CURVE | | | | | | | | | |
| PT | 650379.662 | 2074871.240 | N 77°22'36.7" E | 86.90 | | | | | |
| LINE | | | | | | | | | |
| PC | 650398.652 | 2074956.035 | N 82°12'19.2" E | 241.14 | 09°39'24.9"(RT) | 04°00'00.0" | 241.42 | 121.00 | 1432.39 |
| CURVE | | | | | | | | | |
| PT | 650431.356 | 2075194.944 | N 87°02'01.6" E | 145.30 | | | | | |
| LINE | | | | | | | | | |
| PC | 650438.875 | 2075340.049 | N 87°45'03.6" E | 143.44 | 01°26'03.9"(RT) | 01°00'00.0" | 143.44 | 71.72 | 5729.58 |
| CURVE | | | | | | | | | |
| PT | 650444.504 | 2075483.377 | N 88°28'05.6" E | 93.72 | | | | | |
| LINE | | | | | | | | | |
| PC | 650447.009 | 2075577.058 | N 73°30'09.6" E | 170.44 | 29°55'51.9"(LT) | 17°21'44.5" | 172.39 | 88.21 | 330.00 |
| CURVE | | | | | | | | | |
| PT | 650495.408 | 2075740.479 | N 58°32'13.6" E | 21.88 | | | | | |
| LINE | | | | | | | | | |
| PC | 650506.829 | 2075759.143 | N 51°41'02.1" E | 78.76 | 13°42'23.0"(LT) | 17°21'44.5" | 78.94 | 39.66 | 330.00 |
| CURVE | | | | | | | | | |
| PT | 650555.657 | 2075820.934 | N 44°49'50.6" E | 260.24 | | | | | |
| LINE | | | | | | | | | |
| PC | 650740.213 | 2076004.404 | N 49°18'45.4" E | 149.24 | 08°57'49.6"(RT) | 06°00'00.0" | 149.40 | 74.85 | 954.93 |
| CURVE | | | | | | | | | |
| PT | 650837.510 | 2076117.572 | N 53°47'40.2" E | 81.88 | | | | | |
| LINE | | | | | | | | | |
| POT | 650885.877 | 2076183.644 | | | | | | | |

EY10

| POINT | N | E | BEARING | DIST |
|-------|------------|-------------|-----------------|--------|
| POT | 651171.865 | 2074702.058 | | |
| LINE | | | N 76°31'15.3" E | 520.00 |
| POT | 651293.072 | 2075207.735 | | |

EY11

| POINT | N | E | BEARING | DIST |
|-------|------------|-------------|-----------------|--------|
| POT | 651482.153 | 2074630.284 | | |
| LINE | | | N 76°52'14.7" E | 480.00 |
| POT | 651591.184 | 2075097.737 | | |

EY12

| POINT | N | E | BEARING | DIST |
|-------|------------|-------------|-----------------|---------|
| POT | 651608.314 | 2075088.992 | | |
| LINE | | | N 29°12'17.1" E | 1125.00 |
| POT | 652590.304 | 2075637.914 | | |

EY13

| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|-------|--------|
| POT | 652158.034 | 2074266.148 | S 87°59'11.7" E | 155.61 | | | | | |
| LINE | | | | | | | | | |
| PC | 652152.567 | 2074421.657 | N 73°50'49.7" E | 102.08 | 36°19'57.2"(LT) | 35°00'00.0" | 103.81 | 53.72 | 163.70 |
| CURVE | | | | | | | | | |
| PT | 652180.964 | 2074519.704 | N 55°40'51.1" E | 51.19 | | | | | |
| LINE | | | | | | | | | |
| POT | 652209.826 | 2074561.983 | | | | | | | |

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 20th day of July, 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

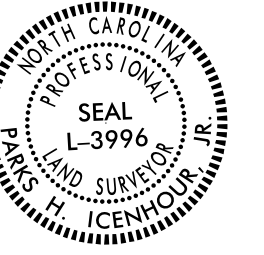
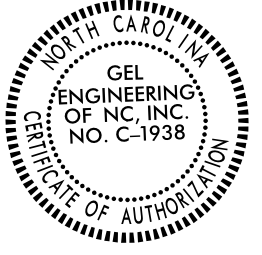
SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

| | |
|-----------------------|-----------|
| PROJECT REFERENCE NO. | SHEET NO. |
| R-5705B | RW02C-15 |

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

| EY14 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|-------|-------|--------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 653186.404 | 2073288.424 | | | | | | | |
| LINE | | | N 74°52'49.0" E | 121.09 | | | | | |
| PC | 653217.988 | 2073405.318 | | | | | | | |
| CURVE | | | N 66°44'34.5" E | 81.10 | 16°16'29.0"(LT) | 20°00'00.0" | 81.37 | 40.96 | 286.48 |
| PT | 653250.011 | 2073479.828 | | | | | | | |
| LINE | | | N 58°36'20.0" E | 68.15 | | | | | |
| POT | 653285.512 | 2073538.002 | | | | | | | |

| EY15 | | | | |
|-------|------------|-------------|-----------------|--------|
| POINT | N | E | BEARING | DIST |
| POT | 653515.203 | 2073007.075 | | |
| LINE | | | N 52°07'16.1" E | 275.00 |
| POT | 653684.051 | 2073224.136 | | |

| EY16 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|--------------|--------|--------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 655505.706 | 2072630.887 | | | | | | | |
| LINE | | | S 68°14'38.7" W | 25.37 | | | | | |
| PC | 655496.301 | 2072607.320 | | | | | | | |
| CURVE | | | N 66°39'51.3" W | 73.78 | 90°11'00.1"(RT) | 110°00'00.0" | 81.98 | 52.25 | 52.09 |
| PT | 655525.527 | 2072539.575 | | | | | | | |
| LINE | | | N 21°34'21.2" W | 213.35 | | | | | |
| PC | 655723.931 | 2072461.131 | | | | | | | |
| CURVE | | | N 15°16'21.8" W | 209.57 | 12°35'58.8"(RT) | 06°00'00.0" | 209.99 | 105.42 | 954.93 |
| PT | 655926.101 | 2072405.927 | | | | | | | |
| LINE | | | N 08°58'22.4" W | 67.95 | | | | | |
| PC | 655993.219 | 2072395.329 | | | | | | | |
| CURVE | | | N 07°52'37.0" W | 73.06 | 02°11'30.9"(RT) | 03°00'00.0" | 73.06 | 36.54 | 1909.86 |
| PT | 656065.589 | 2072385.317 | | | | | | | |
| LINE | | | N 06°46'51.5" W | 15.63 | | | | | |
| PC | 656081.108 | 2072383.472 | | | | | | | |
| CURVE | | | N 12°30'09.9" W | 103.86 | 11°26'36.7"(LT) | 11°00'00.0" | 104.03 | 52.19 | 520.87 |
| PT | 656182.505 | 2072360.987 | | | | | | | |
| LINE | | | N 18°13'28.2" W | 159.29 | | | | | |
| PC | 656333.801 | 2072311.172 | | | | | | | |
| CURVE | | | N 12°33'12.1" W | 102.94 | 11°20'32.2"(RT) | 11°00'00.0" | 103.11 | 51.72 | 520.87 |
| PT | 656434.284 | 2072288.797 | | | | | | | |
| LINE | | | N 06°52'56.1" W | 86.22 | | | | | |
| POT | 656519.884 | 2072278.465 | | | | | | | |

| EY17 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|---------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 657946.430 | 2073022.631 | | | | | | | |
| LINE | | | S 04°38'10.2" W | 135.53 | | | | | |
| PC | 657811.339 | 2073011.676 | | | | | | | |
| CURVE | | | S 12°17'36.7" W | 190.86 | 15°18'53.0"(RT) | 08°00'00.0" | 191.43 | 96.29 | 716.20 |
| PT | 657624.850 | 2072971.037 | | | | | | | |
| LINE | | | S 19°57'03.2" W | 165.89 | | | | | |
| PC | 657468.921 | 2072914.435 | | | | | | | |
| CURVE | | | S 22°22'01.5" W | 362.32 | 04°49'56.4"(RT) | 01°20'00.0" | 362.43 | 181.32 | 4297.18 |
| PT | 657133.861 | 2072776.559 | | | | | | | |
| LINE | | | S 24°46'59.7" W | 269.72 | | | | | |
| POT | 656888.986 | 2072663.497 | | | | | | | |

| EY17A | | | | |
|-------|------------|-------------|-----------------|--------|
| POINT | N | E | BEARING | DIST |
| POT | 657946.430 | 2073022.631 | | |
| LINE | | | N 89°39'16.1" E | 250.00 |
| POT | 657947.937 | 2073272.632 | | |

| EY18 | | | | | | | | | |
|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|--------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| POT | 659245.197 | 2072437.493 | | | | | | | |
| LINE | | | S 33°24'25.3" E | 295.22 | | | | | |
| PC | 658998.751 | 2072600.039 | | | | | | | |
| CURVE | | | S 64°21'56.1" E | 327.49 | 61°55'01.7"(LT) | 18°00'00.0" | 343.98 | 190.95 | 318.31 |
| PT | 658857.070 | 2072895.294 | | | | | | | |
| LINE | | | N 84°40'33.0" E | 110.79 | | | | | |
| POT | 658867.350 | 2073005.605 | | | | | | | |

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
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 Geoid model:G12NC
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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 20th day of July, 2022.

Professional Land Surveyor L-3996

NOTES:

- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
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REVISIONS

20-JUL-2022 09:57
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 Jason Preatte

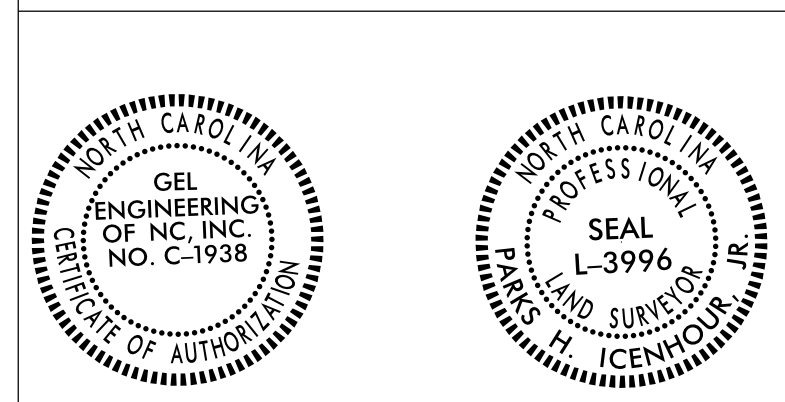
RIGHT OF WAY CONTROL SHEET

| | |
|---|-----------------------------|
| PROJECT REFERENCE NO. R-5705B | SHEET NO. RW03E-3 |
|---|-----------------------------|

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

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y6 | 13+80.00 | -30.00 | 641351.2870 | 2072762.0910 |
| Y6 | 13+79.81 | 30.00 | 641296.4609 | 2072737.7162 |
| Y6 | 16+97.00 | 30.00 | 641168.5400 | 2073027.9717 |
| Y6 | 16+97.00 | -30.00 | 641223.4444 | 2073052.1691 |

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|---------|----------|--------|-------------|--------------|
| Y12_REV | 11+00.00 | 30.00 | 651690.8407 | 2075179.7745 |
| Y12_REV | 11+15.00 | -42.47 | 651748.0866 | 2075132.9991 |
| Y12_REV | 11+67.86 | 25.00 | 651754.7510 | 2075217.2646 |
| Y12_REV | 12+54.11 | 25.00 | 651831.0676 | 2075257.4337 |
| Y12_REV | 13+33.80 | 34.00 | 651897.3973 | 2075302.5168 |
| Y12_REV | 13+44.00 | 25.00 | 651910.6141 | 2075299.3029 |
| Y12_REV | 15+83.11 | 25.00 | 652122.2065 | 2075410.6743 |

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y7 | 11+55.00 | -30.00 | 644128.5657 | 2073551.7467 |
| Y7 | 11+55.00 | 30.00 | 644068.8828 | 2073545.5869 |
| Y7 | 14+60.00 | 30.00 | 644035.4536 | 2073847.7902 |
| Y7 | 14+60.00 | -30.00 | 644094.9148 | 2073855.8134 |

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y13 | 11+71.79 | -25.02 | 652177.7732 | 2074436.2276 |
| Y13 | 12+35.87 | 26.93 | 652144.9552 | 2074511.1992 |

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y8 | 11+65.00 | -60.00 | 648722.4835 | 2075541.3462 |
| Y8 | 11+65.00 | 60.00 | 648619.7395 | 2075479.3489 |
| Y8 | 13+88.55 | 60.00 | 648504.2450 | 2075670.7503 |
| Y8 | 13+88.55 | -60.00 | 648606.9890 | 2075732.7476 |
| Y8 | 14+55.00 | -60.00 | 648565.8384 | 2075793.1169 |
| Y8 | 17+07.53 | -45.00 | 648348.9957 | 2075958.9620 |
| Y8 | 18+36.50 | 60.00 | 648191.7941 | 2075910.5407 |
| Y8 | 18+36.50 | -45.00 | 648220.9407 | 2076011.4143 |
| Y8 | 19+25.00 | 45.00 | 648110.9360 | 2075949.5177 |
| Y8 | 22+38.00 | -30.13 | 647831.0927 | 2076108.5828 |
| Y8 | 22+38.00 | -45.00 | 647835.2196 | 2076122.8656 |
| Y8 | 22+38.00 | 45.00 | 647810.2367 | 2076036.4025 |
| Y8 | 22+38.00 | 30.28 | 647814.3232 | 2076050.5453 |

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y14 | 11+74.00 | 26.61 | 653212.4350 | 2073466.3830 |
| Y14 | 11+74.00 | -24.84 | 653258.7912 | 2073444.0667 |

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y15 | 11+89.00 | 42.00 | 653598.0965 | 2073182.0429 |
| Y15 | 11+89.00 | -42.00 | 653664.3986 | 2073130.4674 |

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y16 | 11+31.00 | 30.00 | 655018.2738 | 2072872.7288 |
| Y16 | 11+31.00 | -30.00 | 655078.1809 | 2072869.3903 |

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y9 | 10+78.00 | 29.22 | 650405.4155 | 2075274.0626 |
| Y9 | 10+78.00 | -30.78 | 650465.3697 | 2075271.6256 |
| Y9 | 11+30.09 | 28.64 | 650408.1114 | 2075326.0917 |
| Y9 | 13+38.77 | 31.04 | 650415.8963 | 2075535.8529 |
| Y9 | 13+40.00 | -29.37 | 650476.2073 | 2075532.1739 |

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y19 | 11+00.00 | -37.06 | 649824.1589 | 2075434.8119 |
| Y19 | 11+00.00 | 42.71 | 649744.4047 | 2075436.4391 |

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y20 | 10+80.00 | -39.19 | 649857.5329 | 2075611.3079 |
| Y20 | 11+10.00 | 30.24 | 649787.9032 | 2075640.8508 |

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y10 | 14+50.00 | 26.70 | 651250.7936 | 2075145.8856 |
| Y10 | 14+50.00 | -30.01 | 651305.9358 | 2075132.6684 |

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y21 | 10+00.00 | 35.00 | 654984.4979 | 2072648.5590 |
| Y21 | 10+00.00 | -39.00 | 655057.3894 | 2072635.7985 |

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y11 | 13+84.00 | 25.74 | 651551.0364 | 2075013.1622 |
| Y11 | 13+84.00 | -29.99 | 651601.9442 | 2074990.4876 |

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y22 | 11+65.00 | -29.91 | 648612.1367 | 2075820.4018 |
| Y22 | 16+00.00 | -29.68 | 649027.9283 | 2075700.1730 |
| Y22 | 17+00.00 | -40.00 | 649079.9726 | 2075644.8054 |

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 4/20/2022 to 6/24/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 20th day of July, 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 4/20/2022 TO 6/24/2022.

REVISIONS

RIGHT OF WAY CONTROL SHEET

| | |
|---|-----------|
| PROJECT REFERENCE NO. | SHEET NO. |
| R-5705B | RW03E-5 |
| Location and Surveys | |
|  GEL SOLUTIONS <i>an Affiliate of THE GEL GROUP, INC.</i> 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 |
|-------|----------|--------|-------------|--------------|
| Y10 | 14+44.00 | 23.77 | 651252.2427 | 2075139.3683 |

ROW MARKER PERMANENT EASEMENT-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|---------|----------|--------|-------------|--------------|
| Y12_REV | 12+22.00 | 33.00 | 651798.9294 | 2075249.5583 |
| Y12_REV | 12+22.00 | 25.00 | 651802.6555 | 2075242.4790 |
| Y12_REV | 12+40.00 | 25.00 | 651818.5838 | 2075250.8629 |
| Y12_REV | 12+40.00 | 33.00 | 651814.8577 | 2075257.9421 |
| Y12_REV | 14+13.00 | 25.00 | 651971.6726 | 2075331.4409 |
| Y12_REV | 14+13.00 | 35.00 | 651967.0149 | 2075340.2900 |
| Y12_REV | 14+31.00 | 35.00 | 651982.9432 | 2075348.6739 |
| Y12_REV | 14+31.00 | 25.00 | 651987.6009 | 2075339.8248 |
| Y12_REV | 16+15.00 | 25.83 | 652150.0392 | 2075426.2567 |
| Y12_REV | 16+15.00 | 37.00 | 652144.8344 | 2075436.1452 |
| Y12_REV | 16+34.00 | -33.58 | 652194.5228 | 2075382.5359 |
| Y12_REV | 16+34.00 | -43.00 | 652198.9092 | 2075374.2023 |
| Y12_REV | 16+56.00 | -33.00 | 652213.7209 | 2075393.2955 |
| Y12_REV | 16+56.00 | -43.00 | 652218.3771 | 2075384.4492 |
| Y12_REV | 16+84.00 | 27.59 | 652210.1959 | 2075459.9511 |
| Y12_REV | 16+84.00 | 37.00 | 652205.7899 | 2075468.2686 |
| Y12_REV | 18+17.00 | 29.83 | 652325.9059 | 2075524.7860 |
| Y12_REV | 18+17.00 | 40.00 | 652321.0276 | 2075533.7060 |
| Y12_REV | 18+37.00 | 30.00 | 652343.3122 | 2075534.5153 |
| Y12_REV | 18+37.00 | 40.00 | 652338.4952 | 2075543.2816 |

ROW MARKER PERMANENT EASEMENT-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y20 | 10+82.00 | -59.00 | 649877.3265 | 2075613.4380 |
| Y20 | 11+07.00 | -48.00 | 649866.1624 | 2075638.3652 |
| Y20 | 11+25.00 | 42.00 | 649776.0460 | 2075655.7732 |
| Y20 | 11+57.00 | 32.00 | 649785.8355 | 2075687.8383 |
| Y20 | 11+57.00 | 25.27 | 649792.5637 | 2075687.8825 |
| Y20 | 11+59.00 | -24.78 | 649842.5985 | 2075690.2114 |
| Y20 | 11+59.00 | -34.00 | 649851.8209 | 2075690.2720 |

ROW MARKER PERMANENT EASEMENT-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y22 | 10+87.00 | 50.61 | 648533.1946 | 2075905.4043 |
| Y22 | 10+93.00 | 71.00 | 648538.1873 | 2075927.0887 |
| Y22 | 11+48.00 | 70.00 | 648623.3153 | 2075921.1726 |
| Y22 | 12+13.00 | -29.98 | 648658.2319 | 2075807.0141 |
| Y22 | 12+13.00 | -42.00 | 648654.8956 | 2075795.4672 |
| Y22 | 12+33.00 | 71.00 | 648705.4769 | 2075898.4746 |
| Y22 | 12+41.00 | -42.00 | 648681.7952 | 2075787.6948 |
| Y22 | 12+48.00 | -30.00 | 648691.8511 | 2075797.2801 |
| Y22 | 12+61.00 | 29.61 | 648720.8873 | 2075850.9392 |
| Y22 | 14+59.00 | 50.00 | 648916.7659 | 2075815.5652 |
| Y22 | 14+59.00 | 29.42 | 648911.0535 | 2075795.7952 |
| Y22 | 16+00.00 | 50.00 | 649055.5716 | 2075774.9036 |
| Y22 | 16+33.00 | -61.00 | 649034.5341 | 2075662.0476 |
| Y22 | 16+56.73 | -78.92 | 649033.7208 | 2075640.1770 |
| Y22 | 16+67.00 | 56.46 | 649134.4264 | 2075731.0220 |
| Y22 | 16+72.00 | -42.28 | 649065.9886 | 2075659.6824 |
| Y22 | 17+04.92 | -44.00 | 649078.3301 | 2075639.7213 |

ROW MARKER PERMANENT EASEMENT-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| Y23 | 10+71.00 | 25.99 | 649181.5549 | 2075717.3558 |
| Y23 | 12+00.00 | 11.49 | 649293.1757 | 2075684.9883 |
| Y23 | 12+27.00 | 27.00 | 649292.0008 | 2075707.1531 |

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 4/20/2022 to 6/24/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 20th day of July, 2022.

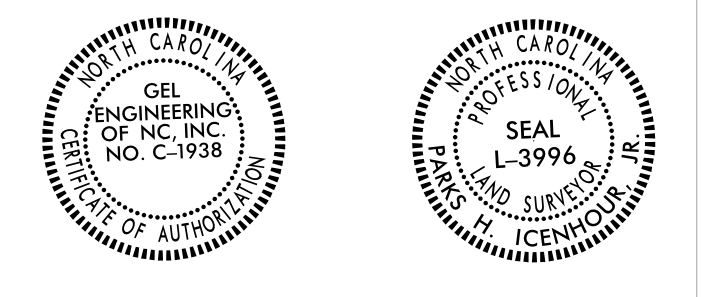
Professional Land Surveyor L-3996

NOTES:

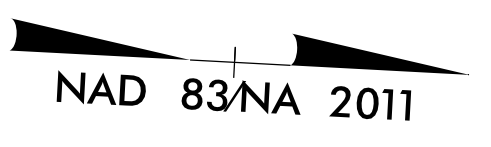
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- RIGHT OF WAY MONUMENTATION ESTABLISHED 4/20/2022 TO 6/24/2022 .

REVISIONS

6/2/2022



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



200
ROBERTA WOOLARD
DB 586 PG 209

201
WILLIAM WHEELER
DB 3438 PG 741

JESUS GARCIA
DB 2299 PG 755

ROBERT PHELPS
DB 1368 PG 48

JAMES JOHNSON
DB 2310 PG 997

CLARENCE LYON
DB 2979 PG 572

SEE NCDOT TIP PROJECT R-5705A FOR RIGHT OF WAY PURCHASED UNDER NCDOT TIP PROJECT R-5705A

END PROPOSED RW TIP PROJECT R-5705A BEGIN PROPOSED RW TIP PROJECT R-5705B

SEE NCDOT TIP PROJECT R-5705A FOR RIGHT OF WAY PURCHASED UNDER NCDOT TIP PROJECT R-5705A

END PROPOSED RW TIP PROJECT R-5705A BEGIN PROPOSED RW TIP PROJECT R-5705B

-L-

PI Sta 251+52.68
 $\Delta = 72^\circ 05' 05.6" (RT)$
 $D = 1' 32' 24.8"$
 $L = 4,680.20'$
 $T = 2,706.95'$
 $R = 3,720.00'$
 $SE = 0.04$
 $RO = 240'$

ROY GARDNER
DB 814 PG 991

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 4/20/2022 to 6/24/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 20th day of July, 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 4/20/2022 TO 6/24/2022.

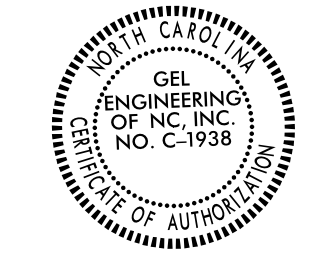
REVISIONS

C:\JULY 2022 0850 C:\JULY 2022 0850 R-5705B ROW\row sheets\R5705B_1s_rw04.dgn
 At DESKTOP-ERASVP Jason

MATCHLINE SHEET RW5
 -L- STA. 259 + 00.00

Location and Surveys

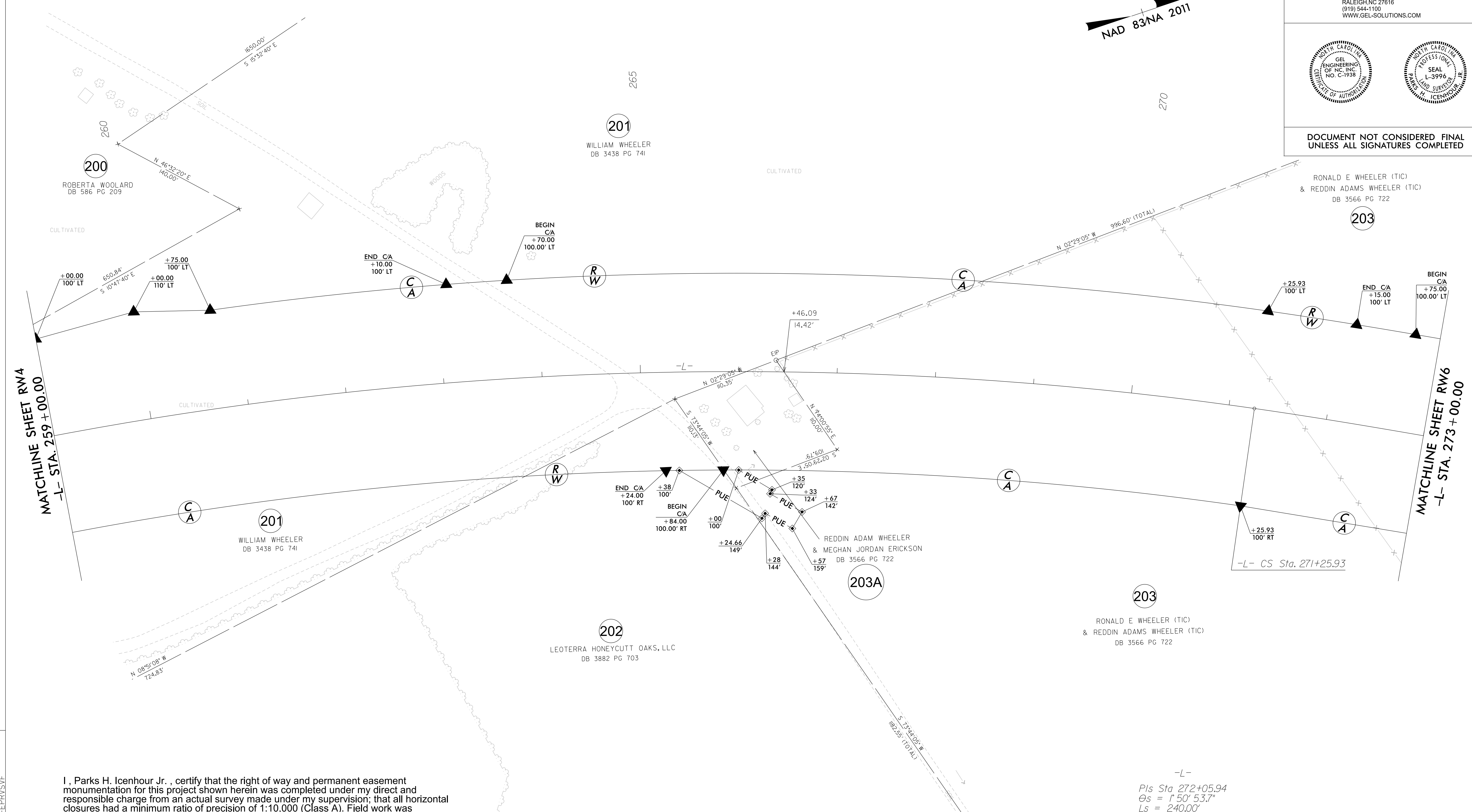
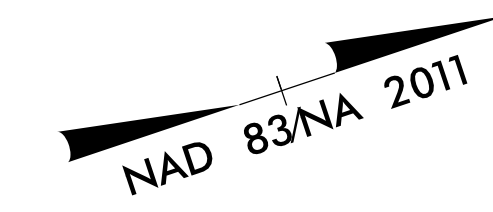
GEL SOLUTIONS
 an Affiliate of THE GEL GROUP, INC.
 2700 SUMNER BLVD.
 SUITE 105
 RALEIGH, NC 27616
 (919) 544-1100
 WWW.GEL-SOLUTIONS.COM



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

RONALD E. WHEELER (TIC)
 & REDDIN ADAMS WHEELER (TIC)
 DB 3566 PG 722

203



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 4/20/2022 to 6/24/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 20th day of July, 2022.

Professional Land Surveyor L-3996

-L-
 Pts Sta 272+05.94
 $\theta_s = 1^{\circ} 50' 53.7''$
 $L_s = 240.00'$
 $LT = 160.01'$
 $ST = 80.01'$

NOTES:


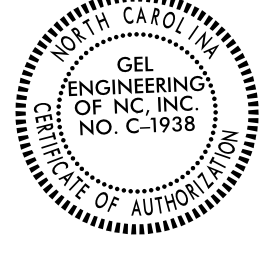
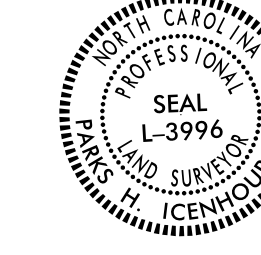
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 4/20/2022 TO 6/24/2022.

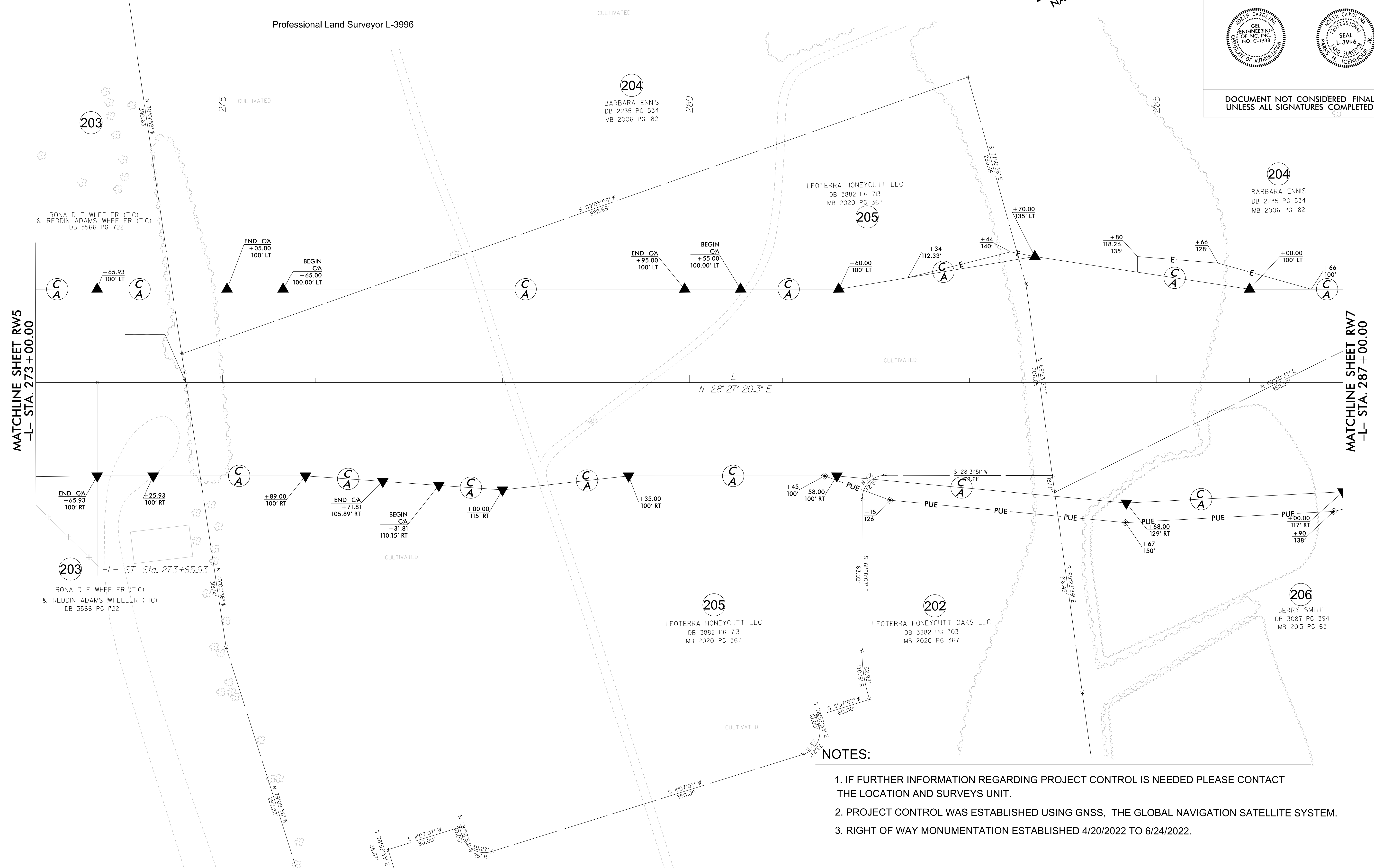
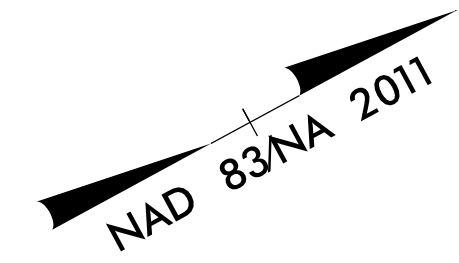
20-JUL-2022 08:53
 C:\GEL\2022\R-5705B_ROW\pwr_sheets\R5705B_1s_rw05.dgn
 AT DESKTOP-EPYVSP
 Jason Prevatt

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 4/20/2022 to 6/24/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 21st day of July, 2022.

Professional Land Surveyor L-3996

| | |
|---|-----------|
| PROJECT REFERENCE NO. | SHEET NO. |
| R-5705B | RW06 |
| Location and Surveys | |
|  GEL SOLUTIONS <small>an Affiliate of THE GEL GROUP, INC.</small> 2700 SUMNER BLVD. SUITE 108 RALEIGH, NC 27616 (919) 544-1100 WWW.GEL-SOLUTIONS.COM | |
|   | |
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |




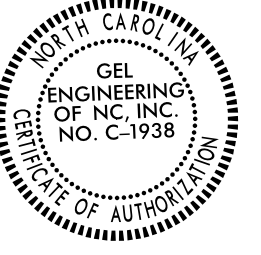

REVISIONS

MATCHLINE SHEET RW5
-L- STA. 273+00.00

MATCHLINE SHEET RW7
-L- STA. 287+00.00

NOTES:

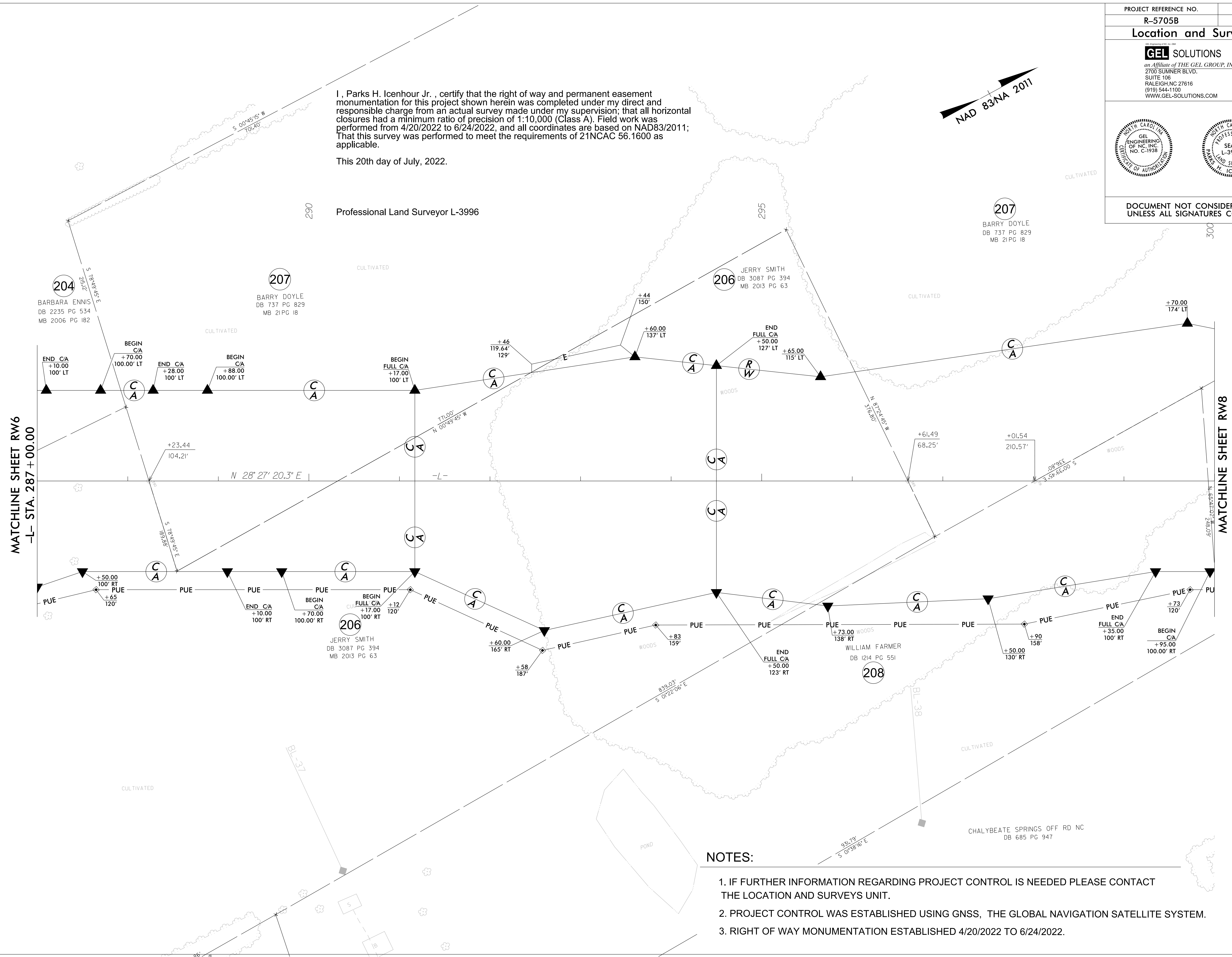
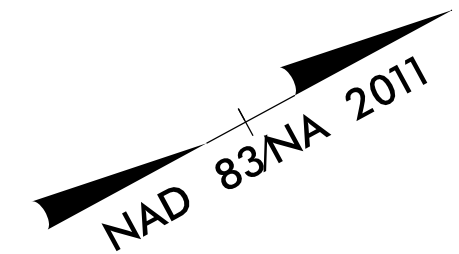
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 4/20/2022 TO 6/24/2022.

| | |
|---|-----------|
| PROJECT REFERENCE NO. | SHEET NO. |
| R-5705B | RW07 |
| Location and Surveys | |
|  GEL SOLUTIONS <small>an Affiliate of THE GEL GROUP, INC.</small> 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; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 4/20/2022 to 6/24/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 20th day of July, 2022.

Professional Land Surveyor L-3996



REVISIONS

MATCHLINE SHEET RW6
-L- STA. 287 + 00.00

MATCHLINE SHEET RW8
-L- STA. 300 + 00.00

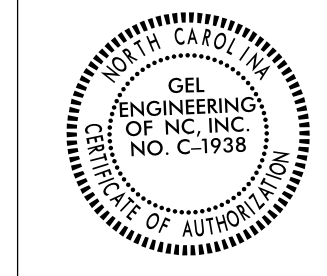
NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 4/20/2022 TO 6/24/2022.

15 JUL 2022 14:30
 C:\JUL 2022\15 JUL 2022\R-5705B_ROW\CPW_sheets\15705B_1s_rw07.dgn
 Jason Pruvitt

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

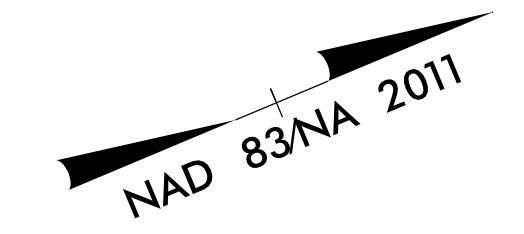


DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

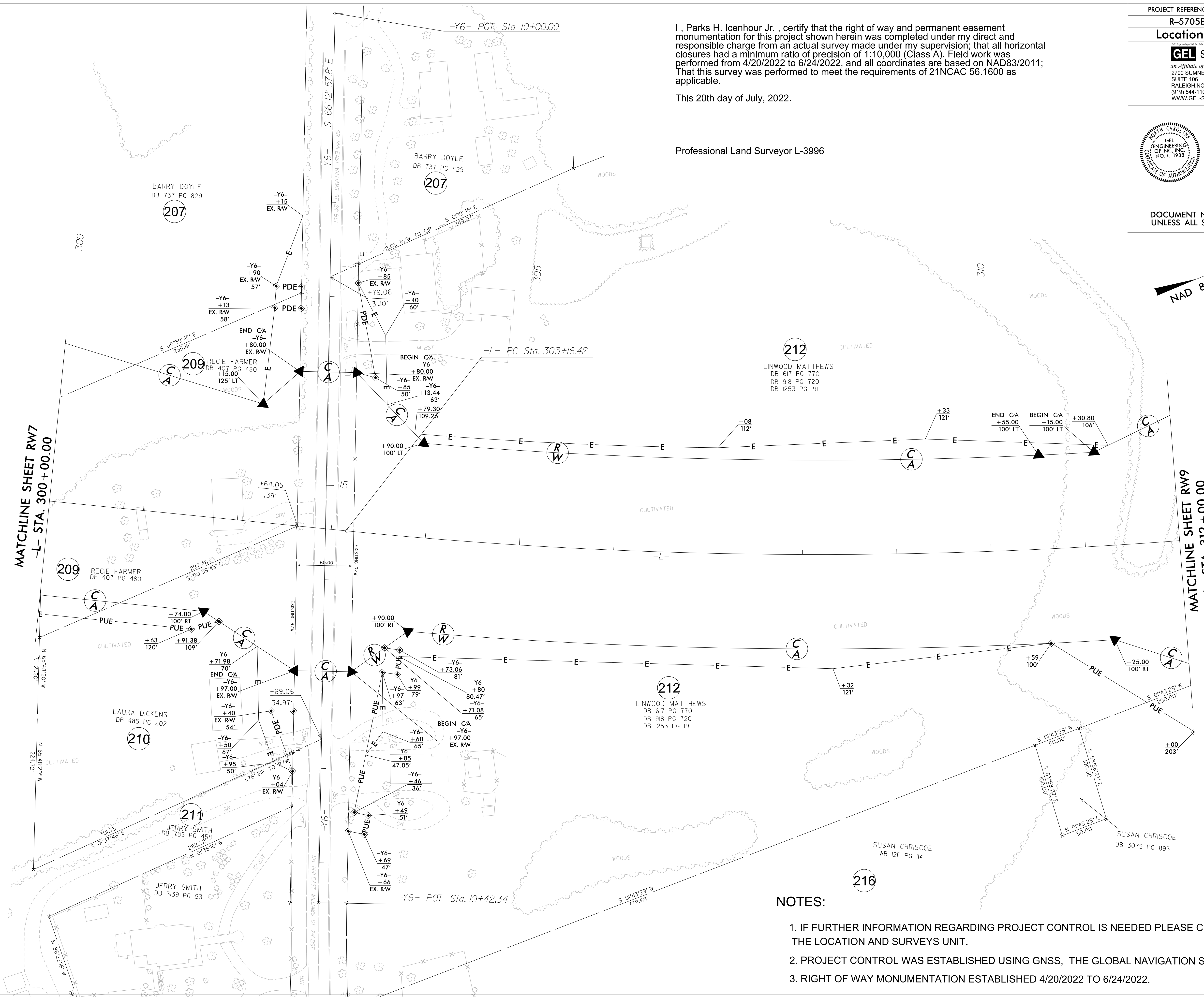
I, Parks H. Icenhour Jr., certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 4/20/2022 to 6/24/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 20th day of July, 2022.

Professional Land Surveyor L-3996



REVISIONS



NOTES:

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2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 4/20/2022 TO 6/24/2022.

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 Jason Pruvitt

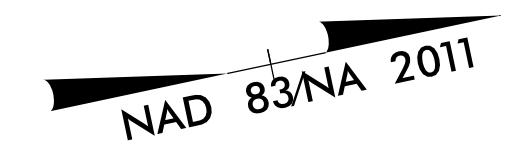
6/2/2019

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 4/20/2022 to 6/24/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 20th day of July, 2022.

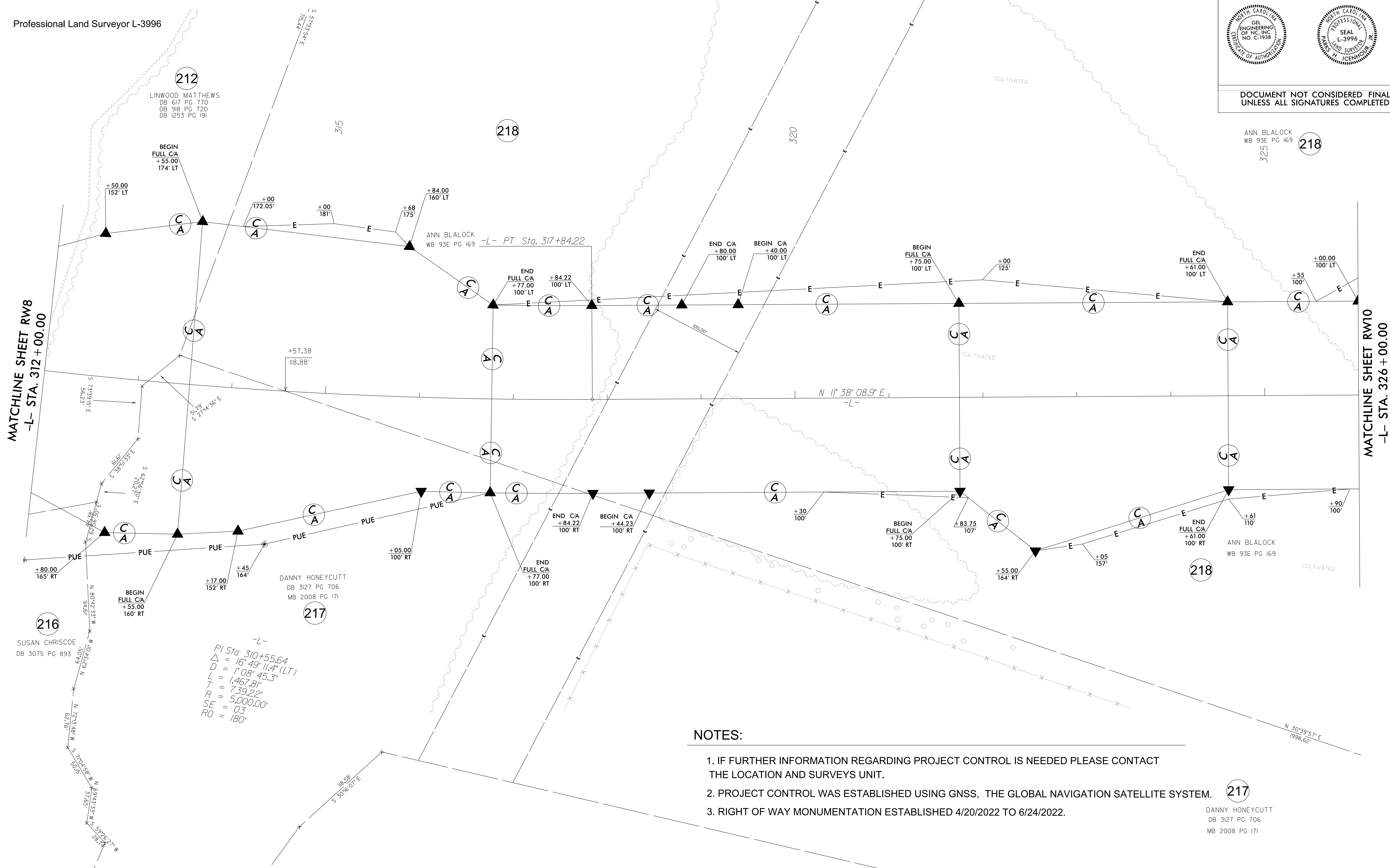
Professional Land Surveyor L-3996

-L-
PI Sta 310+55.64
Δ = 16° 49' 11.4" (LT)
D = 1' 08" 45.3"
L = 1,467.81'
T = 739.22'
R = 5,000.00'
SE = 0.3
RO = 180'



| | |
|---|---|
| PROJECT REFERENCE NO. R-5705B | SHEET NO. RW09 |
| 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 | |
| PARKS H. ICENHOUR JR. PROFESSIONAL ENGINEER OF NC, INC. NO. C-1938 | PARKS H. ICENHOUR JR. PROFESSIONAL LAND SURVEYOR OF NC, INC. NO. L-3996 |
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |

ANN BLALOCK
WB 93E PG 169
325
218



REVISIONS


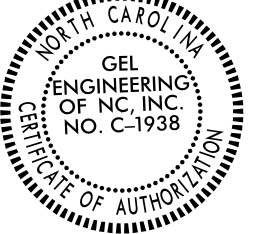
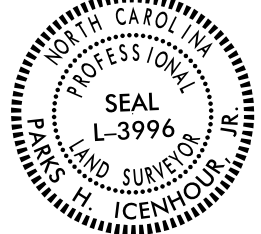
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Jason

-L-
PI Sta 310+55.64
Δ = 16° 49' 11.4" (LT)
D = 1' 08" 45.3"
L = 1,467.81'
T = 739.22'
R = 5,000.00'
SE = 0.3
RO = 180'

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 4/20/2022 TO 6/24/2022.

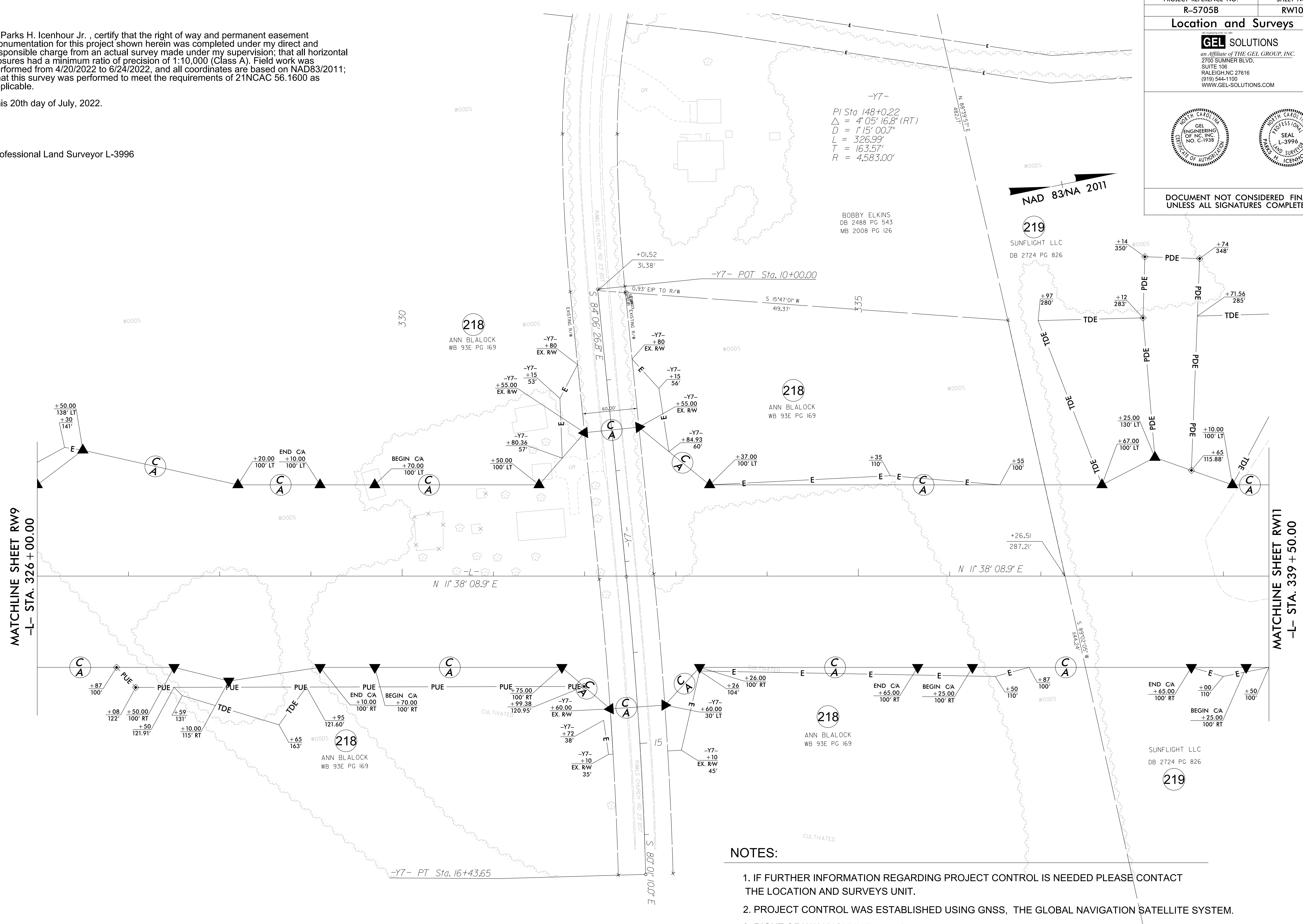
217
DANNY HONEYCUTT
DB 3127 PG 706
MB 2008 PG 171

| | |
|---|-------------------|
| PROJECT REFERENCE NO. R-5705B | SHEET NO. RW10 |
| Location and Surveys | |
|  GEL SOLUTIONS <small>an Affiliate of THE GEL GROUP, INC.</small> 2700 SUMNER BLVD. SUITE 108 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 4/20/2022 to 6/24/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 20th day of July, 2022.

Professional Land Surveyor L-3996

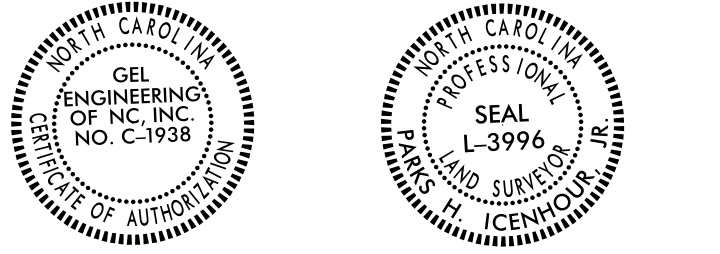


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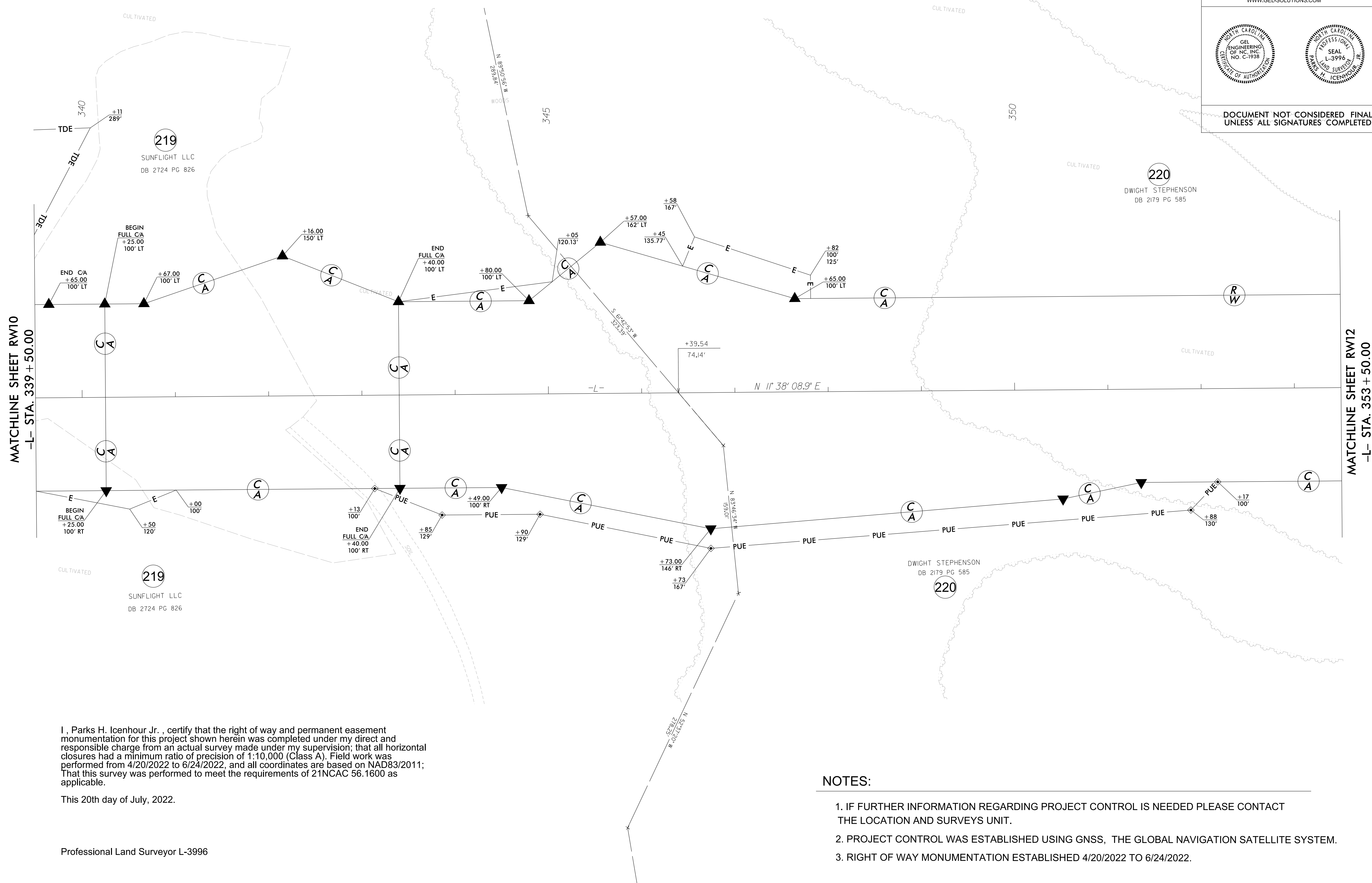
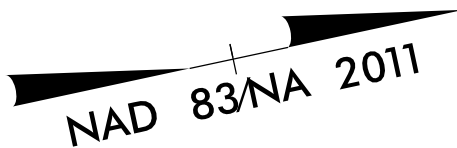
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 4/20/2022 TO 6/24/2022.

REVISIONS

15-JUL-2022 14:55
 C:\JUL-2022\1455-2022-R-5705B-ROW\p\ sheets\15705B-1s.rwl.dgn
 Jason Prevatt



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



REVISIONS

MATCHLINE SHEET RW10
-L- STA. 339 + 50.00

MATCHLINE SHEET RW12
-L- STA. 353 + 50.00

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 4/20/2022 to 6/24/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 20th day of July, 2022.


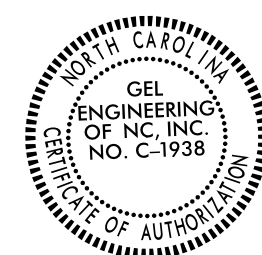

Professional Land Surveyor L-3996

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 4/20/2022 TO 6/24/2022.

15 JUL 2022 14:53
 C:\JUL 2022 14:53
 AT DESKTOP-EPYVSVF
 Jason Pruvitt
 2022 R-5705B ROW work sheets\F5705B.1s.rwl.dgn

6/2/2019

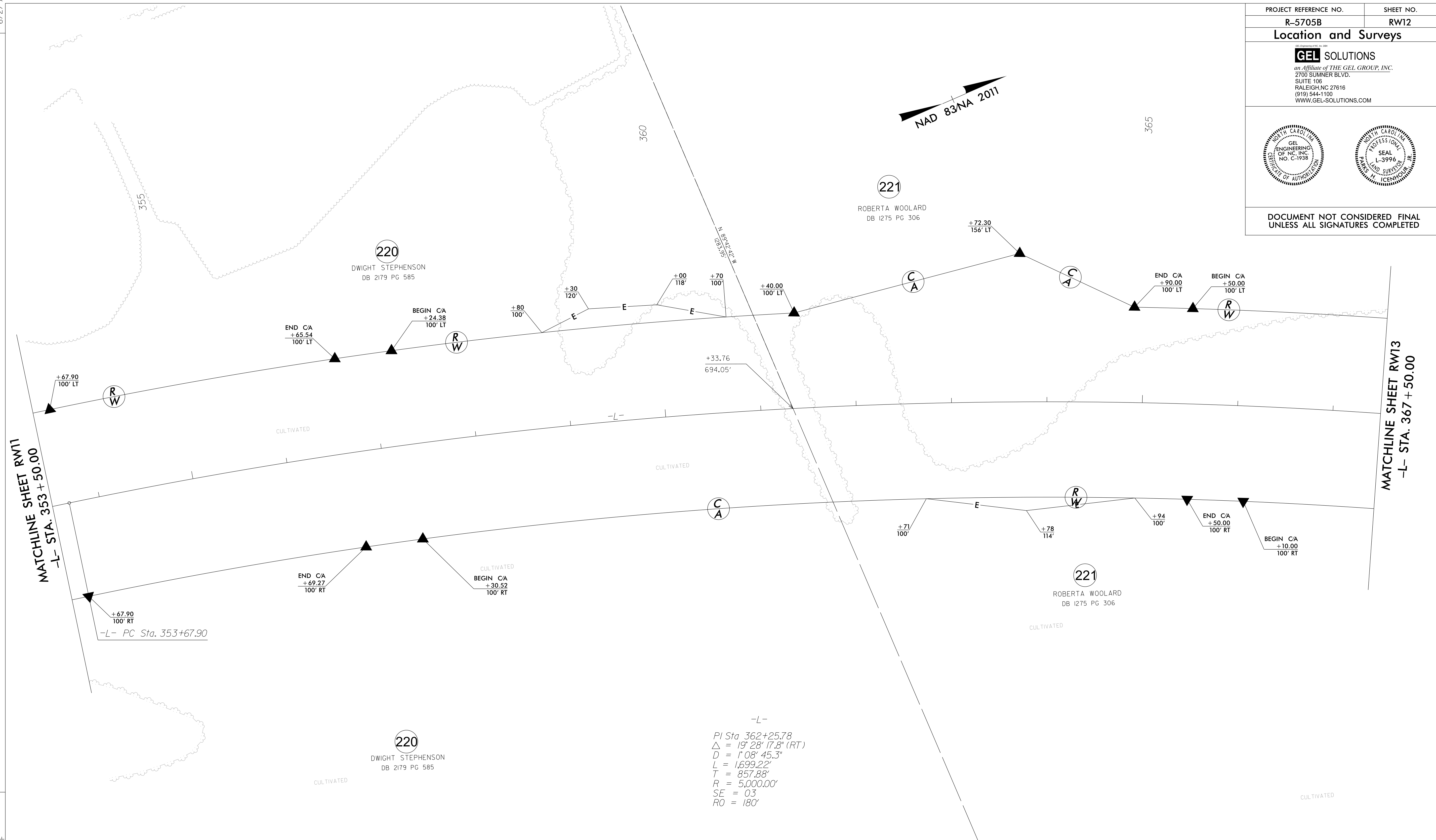
| | |
|--|-----------|
| PROJECT REFERENCE NO. | SHEET NO. |
| R-5705B | RW12 |
| Location and Surveys | |
|  <small>GEL SOLUTIONS</small> <small>an Affiliate of THE GEL GROUP, INC.</small> <small>2700 SUMNER BLVD.</small> <small>SUITE 106</small> <small>RALEIGH, NC 27616</small> <small>(919) 544-1100</small> <small>WWW.GEL-SOLUTIONS.COM</small> | |
|   | |
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |

REVISIONS

MATCHLINE SHEET RW11
-L- STA. 353 + 50.00

MATCHLINE SHEET RW13
-L- STA. 367 + 50.00

I:\JULY 2022 1542
 C:\JULY 2022\2022\R-5705B_ROW\work_sheets\R5705B_1s_rwl.dgn
 AT DESKTOP-ERR\SVP
 Jason Prévattie



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 4/20/2022 to 6/24/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 20th day of July, 2022.

Professional Land Surveyor L-3996

-L-

PI Sta 362+25.78
 $\Delta = 19^\circ 28' 17.8''$ (RT)
 $D = 1' 08'' 45.3''$
 $L = 1,699.22'$
 $T = 857.88'$
 $R = 5,000.00'$
 $SE = 0.3$
 $RO = 180'$

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 4/20/2022 TO 6/24/2022.