

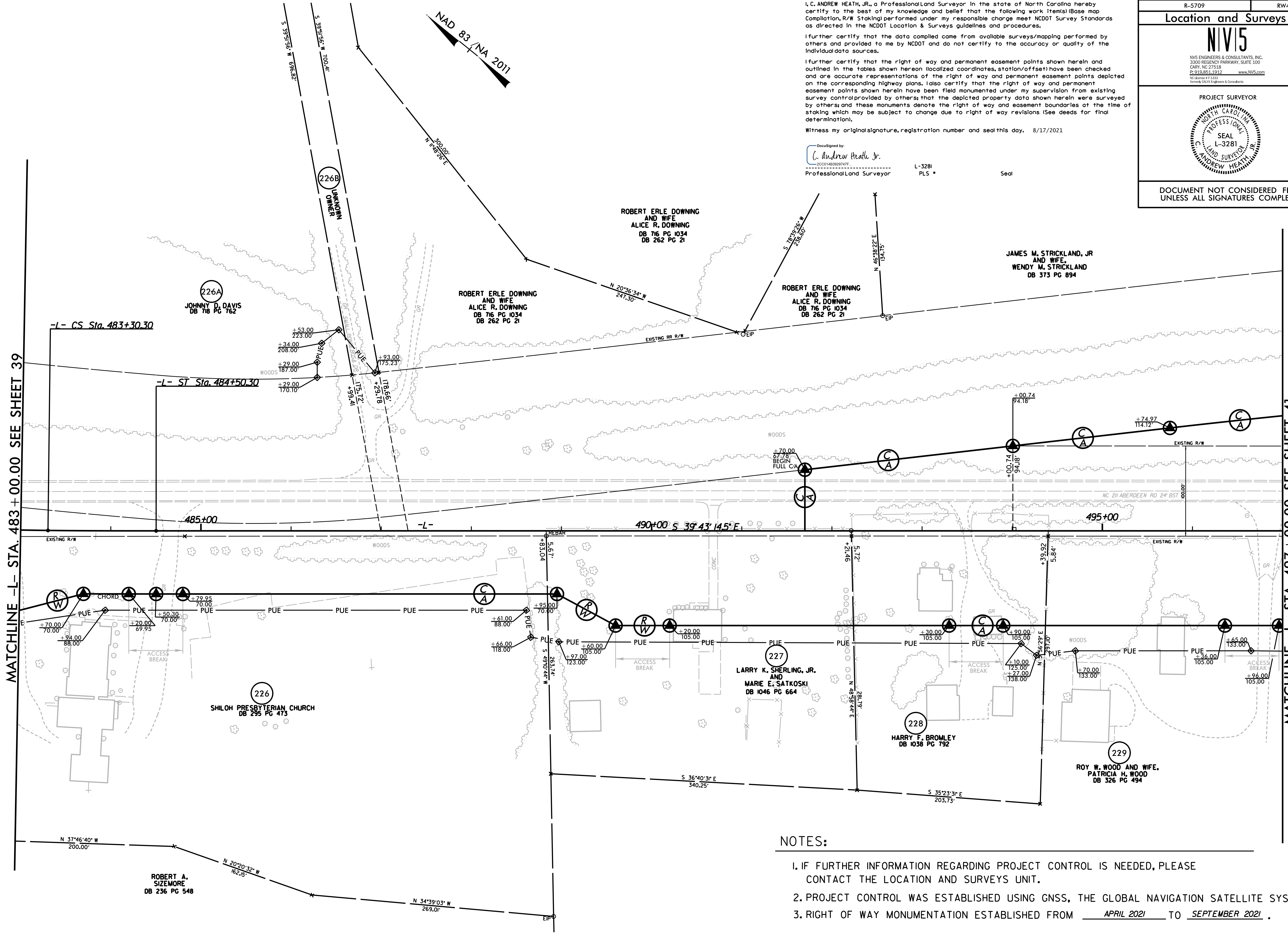
6/2/2019

17-AUG-2021 11:51  
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jheath

REVISIONS

MATCHLINE -L- STA. 483+00.00 SEE SHEET 39

MATCHLINE -L- STA. 497+00.00 SEE SHEET 41



I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map, Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this day, 8/17/2021

DocuSigned by:  
C. Andrew Heath Jr.  
2021081809291717  
Professional Land Surveyor

L-3281  
PLS #  
Seal

|                                                                                                                                                                                                                        |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| PROJECT REFERENCE NO.                                                                                                                                                                                                  | SHEET NO. |
| R-5709                                                                                                                                                                                                                 | RW40      |
| Location and Surveys                                                                                                                                                                                                   |           |
| <b>NIVIS</b><br>NIVIS ENGINEERS & CONSULTANTS, INC.<br>3300 REGENCY PARKWAY, SUITE 100<br>CARY, NC 27518<br>P: 919.851.1912<br>www.nivis.com<br>NC License # F-1533<br>Surveying, Planning, Engineering & Construction |           |
| PROJECT SURVEYOR<br>                                                                                                                |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                                                                                       |           |

- 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 FROM APRIL 2021 TO SEPTEMBER 2021.

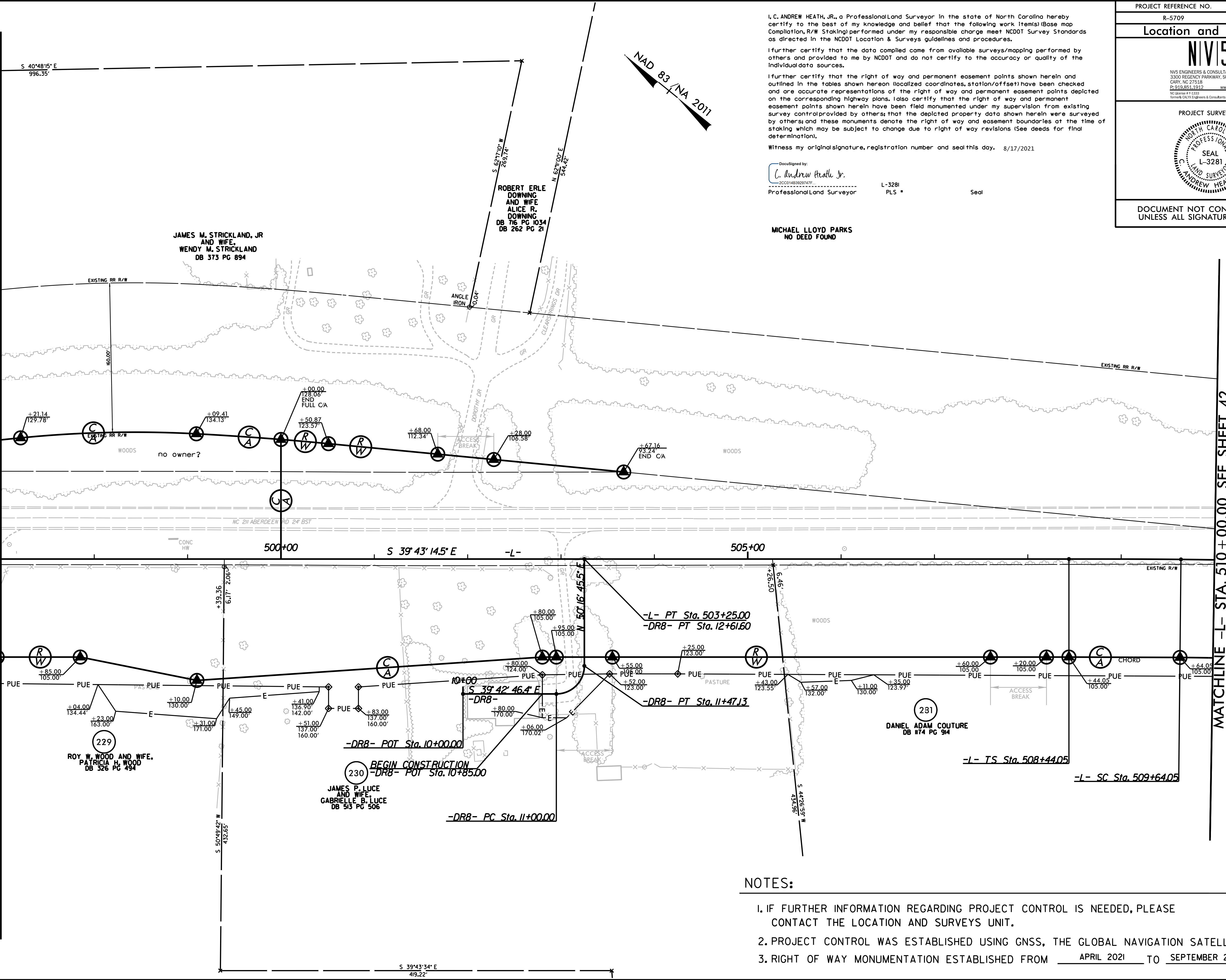
6/2/2019

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6/2/2019 10:16:16 AM L:\CADD\1651\2021014\_20\_SURV\rw\_sheets\5709\1s\_rw41.dgn

REVISIONS

MATCHLINE -L- STA. 497 +00.00 SEE SHEET 40

MATCHLINE -L- STA. 510 +00.00 SEE SHEET 42



I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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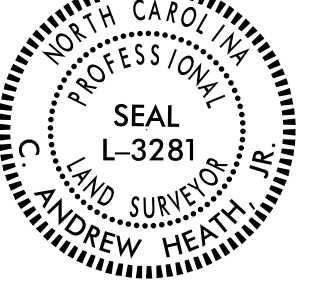
Witness my original signature, registration number and seal this day, 8/17/2021.

DocuSigned by:  
C. Andrew Heath Jr.  
20201463920147F  
Professional Land Surveyor

L-3281  
PLS

Seal

MICHAEL LLOYD PARKS  
NO DEED FOUND

|                                                                                                                                                                                                               |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| PROJECT REFERENCE NO.                                                                                                                                                                                         | SHEET NO. |
| R-5709                                                                                                                                                                                                        | RW41      |
| Location and Surveys                                                                                                                                                                                          |           |
| <b>NIVIS</b><br>NIVIS ENGINEERS & CONSULTANTS, INC.<br>3300 REGENCY PARKWAY, SUITE 100<br>CARY, NC 27518<br>P: 919.851.1912<br>www.NIVIS.com<br>NC License # F-1533<br>Formerly CIVIL ENGINEERS & CONSULTANTS |           |
| PROJECT SURVEYOR<br>                                                                                                       |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                                                                              |           |

- NOTES:
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
  2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
  3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM APRIL 2021 TO SEPTEMBER 2021.

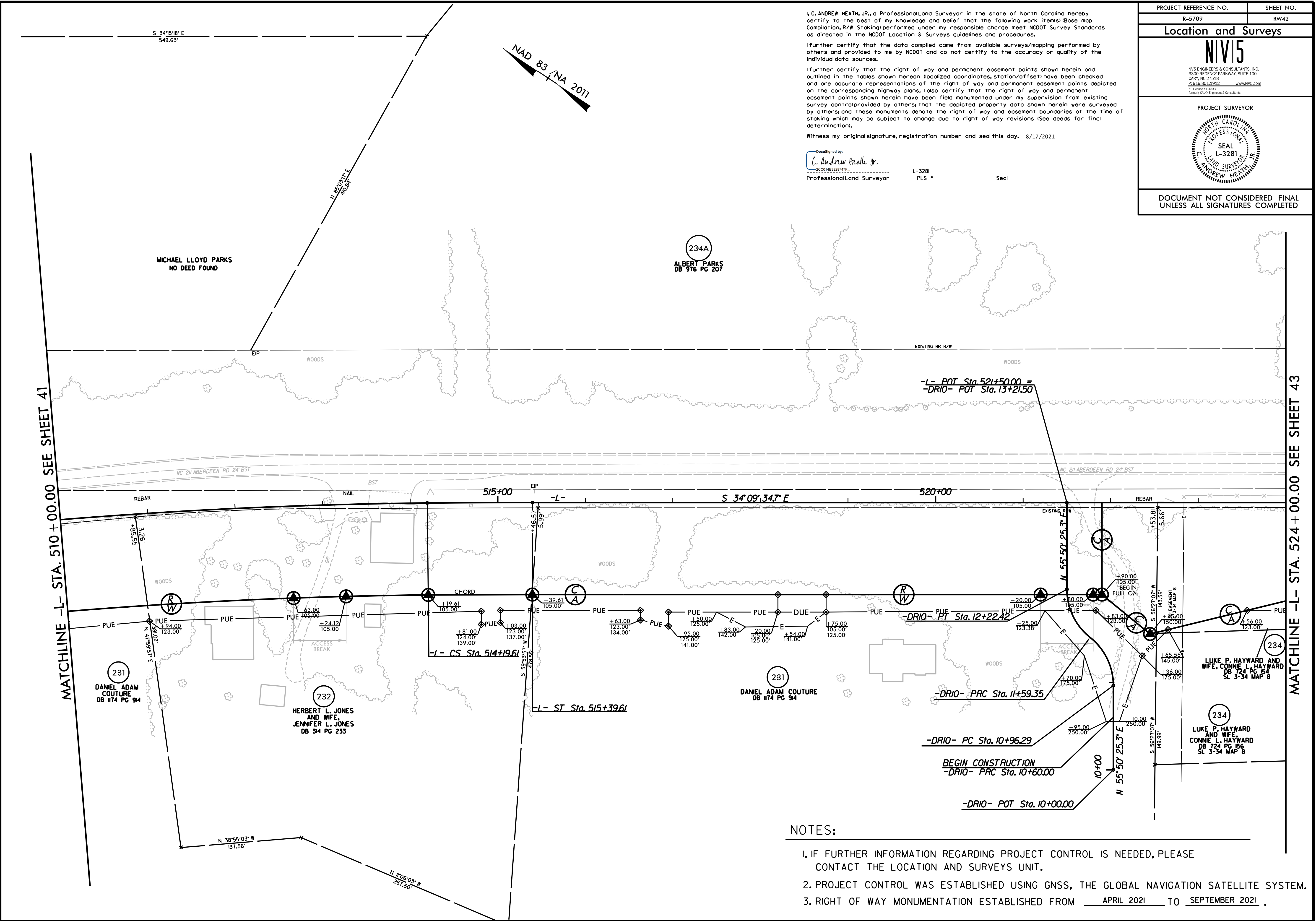
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jheath  
6/2/2019

REVISIONS

MATCHLINE -L- STA. 510+00.00 SEE SHEET 41

MATCHLINE -L- STA. 524+00.00 SEE SHEET 43



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 FROM APRIL 2021 TO SEPTEMBER 2021.

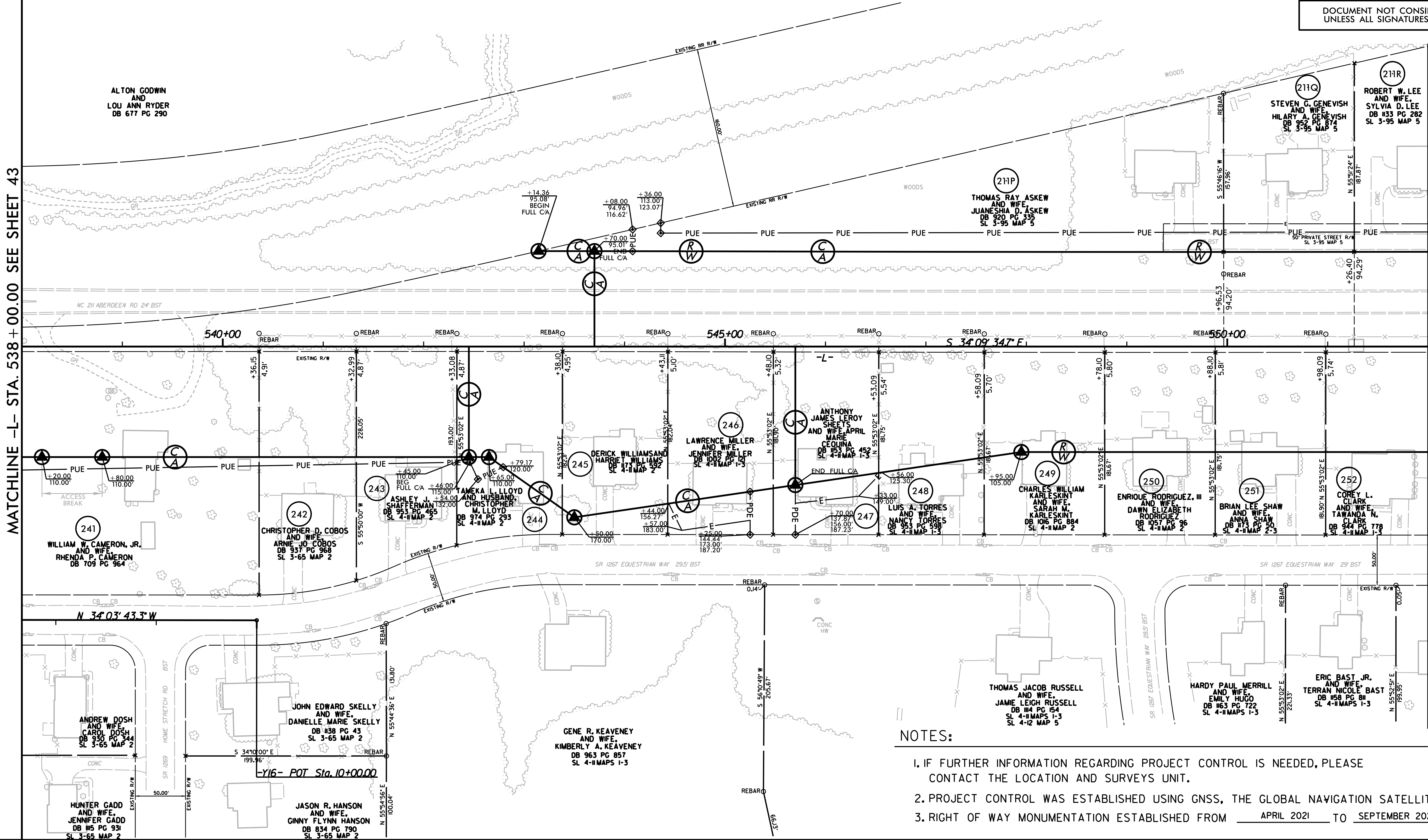


6/2/2019

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jheath

REVISIONS

MATCHLINE -L- STA. 538 + 00.00 SEE SHEET 43



I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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Witness my original signature, registration number and seal this day, 8/17/2021

Designed by:

C. Andrew Heath Jr.

Professional Land Surveyor

L-3281

PLS \*

Seal

PROJECT REFERENCE NO.

R-5709

SHEET NO.

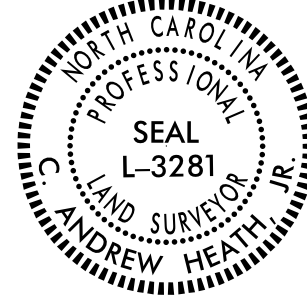
RW44

Location and Surveys

NIVIS

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3300 REGENCY PARKWAY, SUITE 100  
CARY, NC 27518  
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NC License # L-3281  
Surveying & Civil Engineers & Consultants

PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM APRIL 2021 TO SEPTEMBER 2021.

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I further 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.

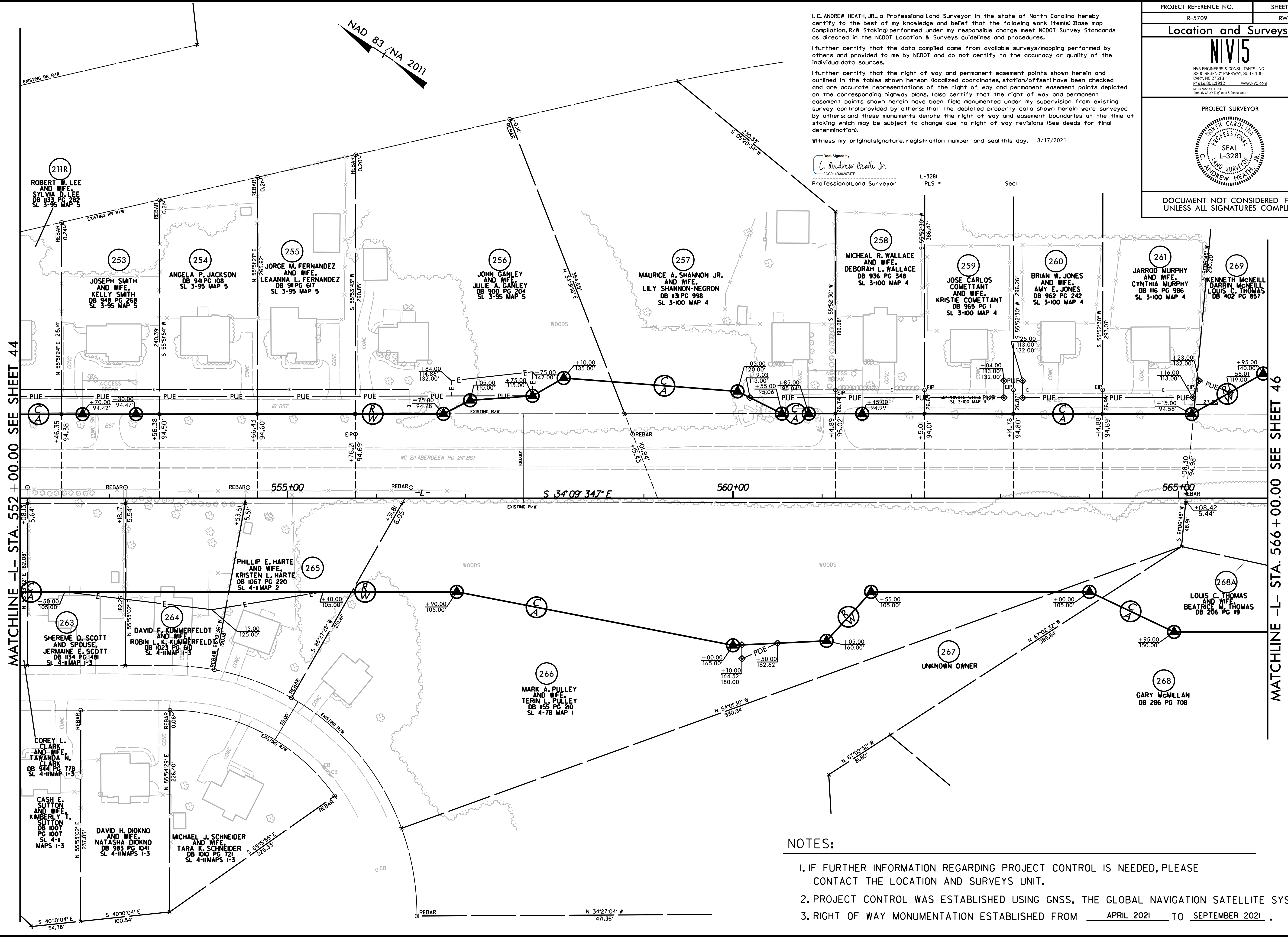
I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this day, 8/17/2021

DocuSigned by:  
C. Andrew Heath Jr.  
2CC014B3929747F...

-----  
Professional Land Surveyor

L-3281  
PLS ■ Seal



NOTES:

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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 FROM APRIL 2021 TO SEPTEMBER 2021 .

## REVISIONS

**MATCHLINE -L- STA. 552 + 00.00 SEE SHEET 44**

MATCHLINE -L- STA. 566 + 00.00 SEE SHEET 46

6/2/99

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17-AUG-2021 10:42:20 SURV\w-sheets\5709\1s\_rw46.dgn  
C:\Users\andrew\Documents\Projects\5709\1s\_rw46.dgn

REVISIONS

I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work (Base map, Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the 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.

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Witness my original signature, registration number and seal this day, 8/17/2021

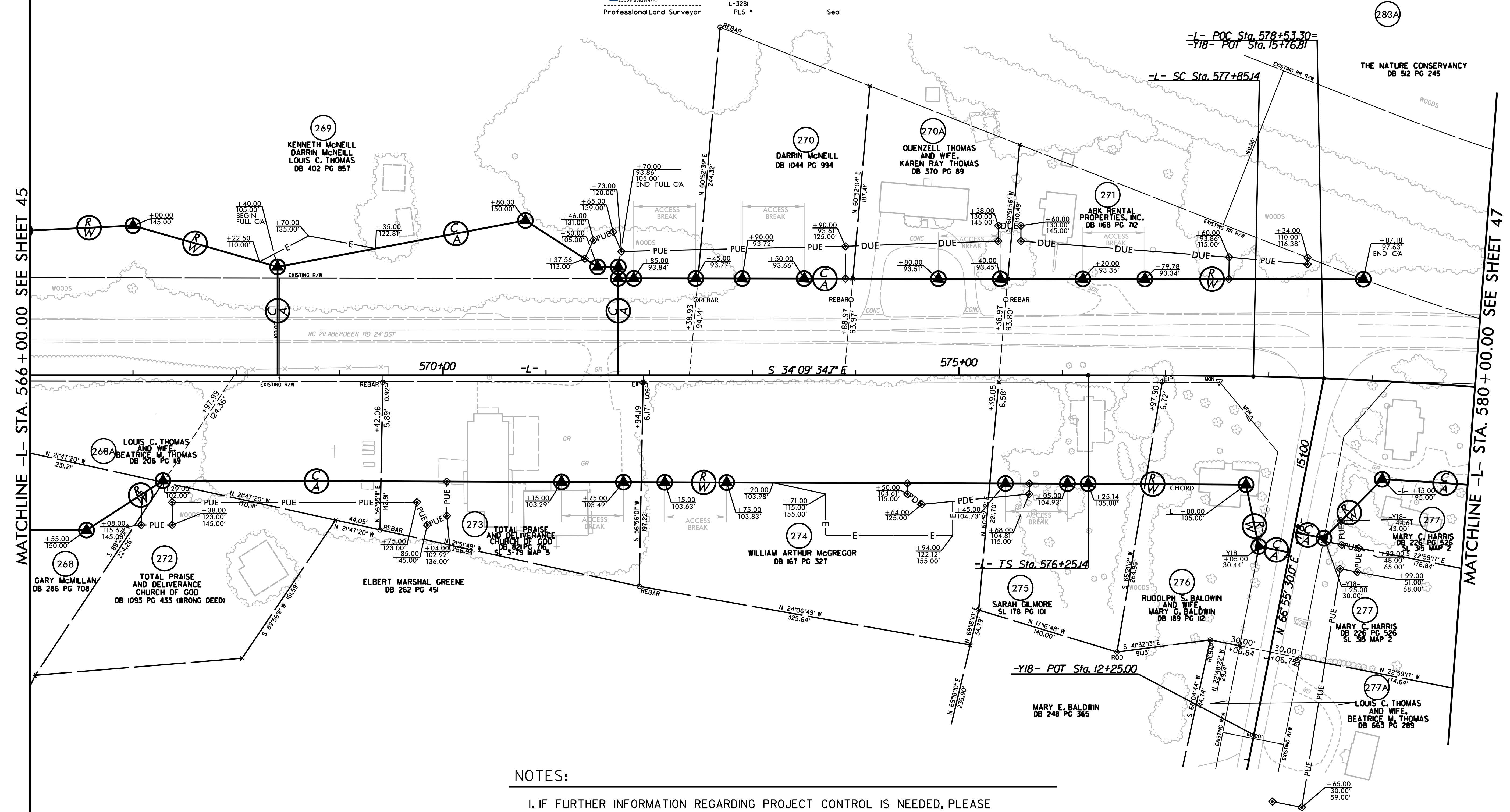
DocuSigned by:  
C. Andrew Heath Jr.  
20001483929747F  
Professional Land Surveyor

L-3281  
PLS  
Seal

PROJECT SURVEYOR



|                                                                                                                                                                                               |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| PROJECT REFERENCE NO.                                                                                                                                                                         | SHEET NO. |
| R-5709                                                                                                                                                                                        | RW46      |
| Location and Surveys                                                                                                                                                                          |           |
| NIVIS                                                                                                                                                                                         |           |
| NIVIS ENGINEERS & CONSULTANTS, INC.<br>3300 REGENCY PARKWAY, SUITE 100<br>CHAR, NC 27018<br>P: 919.851.1912<br>www.NIVIS.com<br>NC License # F-1333<br>Formerly CIVIL Engineers & Consultants |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                                                              |           |



NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM APRIL 2021 TO SEPTEMBER 2021.

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## REVISIONS

00 00 SEE SHEET 46

MATCHLINE -L- STA. 593+50.00 SEE SHEET 48

~~NAD 83 / NA 2011~~

I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monitored under my direct supervision by a licensed survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this day. 8/17/2021

DocuSigned by

C. Andrew Heath Jr.  
2CC014B3929747F...

L-328I  
PLS

Seal

|                       |           |
|-----------------------|-----------|
| PROJECT REFERENCE NO. | SHEET NO. |
| R-5709                | RW47      |

# Location and Surveys

# NIVIS

NIVIS ENGINEERS & CONSULTANTS, INC.  
3300 REGENCY PARKWAY, SUITE 100  
CARY, NC 27518  
P-919.851.1917 [www.NIVIS.com](http://www.NIVIS.com)

NC License # 1333  
Formerly G&L Engineers & Geoscientists

## PROJECT SURVEYOR

A circular professional seal for the State of North Carolina. The outer ring contains the text "NORTH CAROLINA" at the top and "ANDREW HEATH, JR." at the bottom. Inside the ring, the words "PROFESSIONAL" and "SURVEYOR" are arranged in a circle around the central text "SEAL L-3281".

**DO NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM APRIL 2021 TO SEPTEMBER 2021.

## REVISIONS

NAD 83 / NA 2011

Seal

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| PROJECT REFERENCE NO. | SHEET NO. |
| R-5709                | RW48      |

# Location and Surveys

## NIVIS

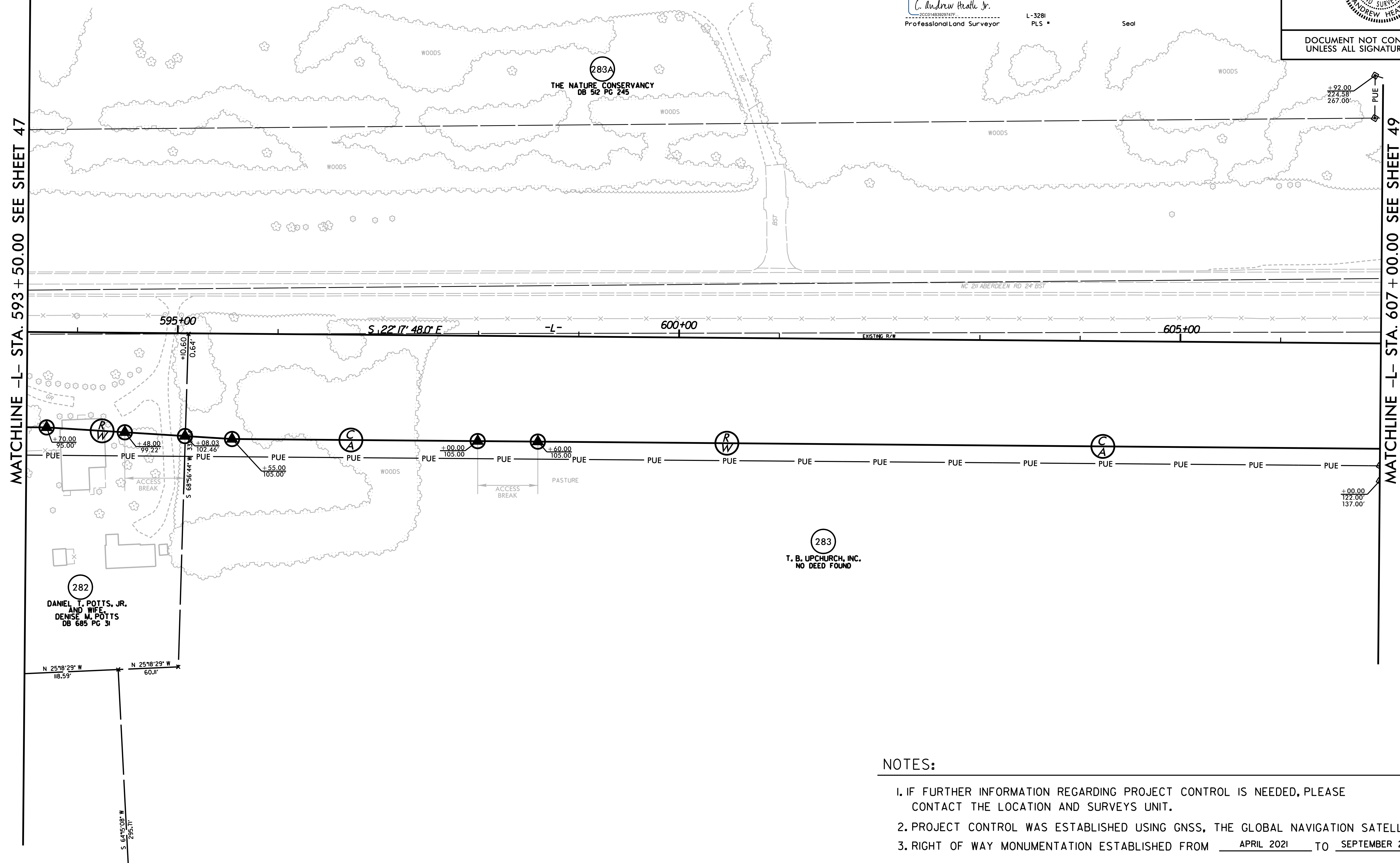
NIVIS ENGINEERS & CONSULTANTS, INC.  
3300 REGENCY PARKWAY, SUITE 1100  
CARY, NC 27518  
P-910-853.12912 [www.NIVIS.com](http://www.NIVIS.com)

NC license # F-5333  
Formerly C&V Engineers & Consultants

### PROJECT SURVEYOR

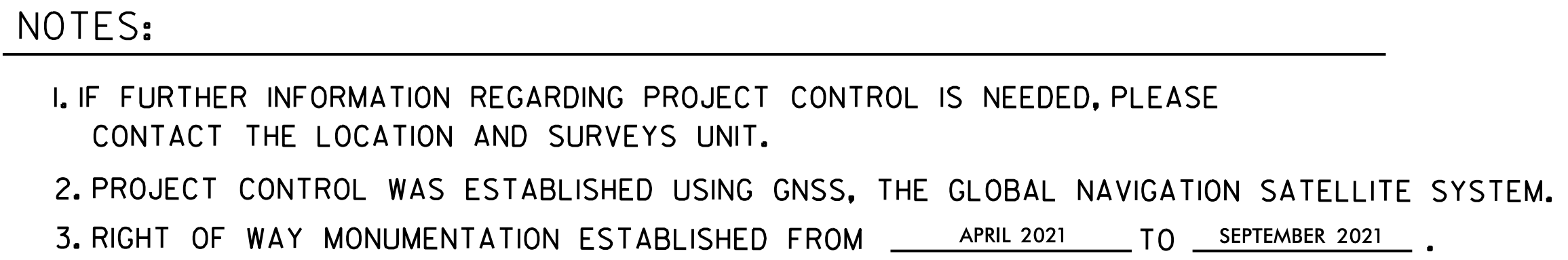
A circular professional seal for a surveyor in North Carolina. The outer ring contains the text "NORTH CAROLINA" at the top and "J.R." at the bottom. Inside the ring, the words "PROFESSIONAL SURVEYOR" are written in a circular path. In the center of the seal, it says "SEAL L-3281". At the bottom of the seal, the name "ANDREW HEATH, JR." is written in a curved path.

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



NOTES:

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2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM APRIL 2021 TO SEPTEMBER 2021.







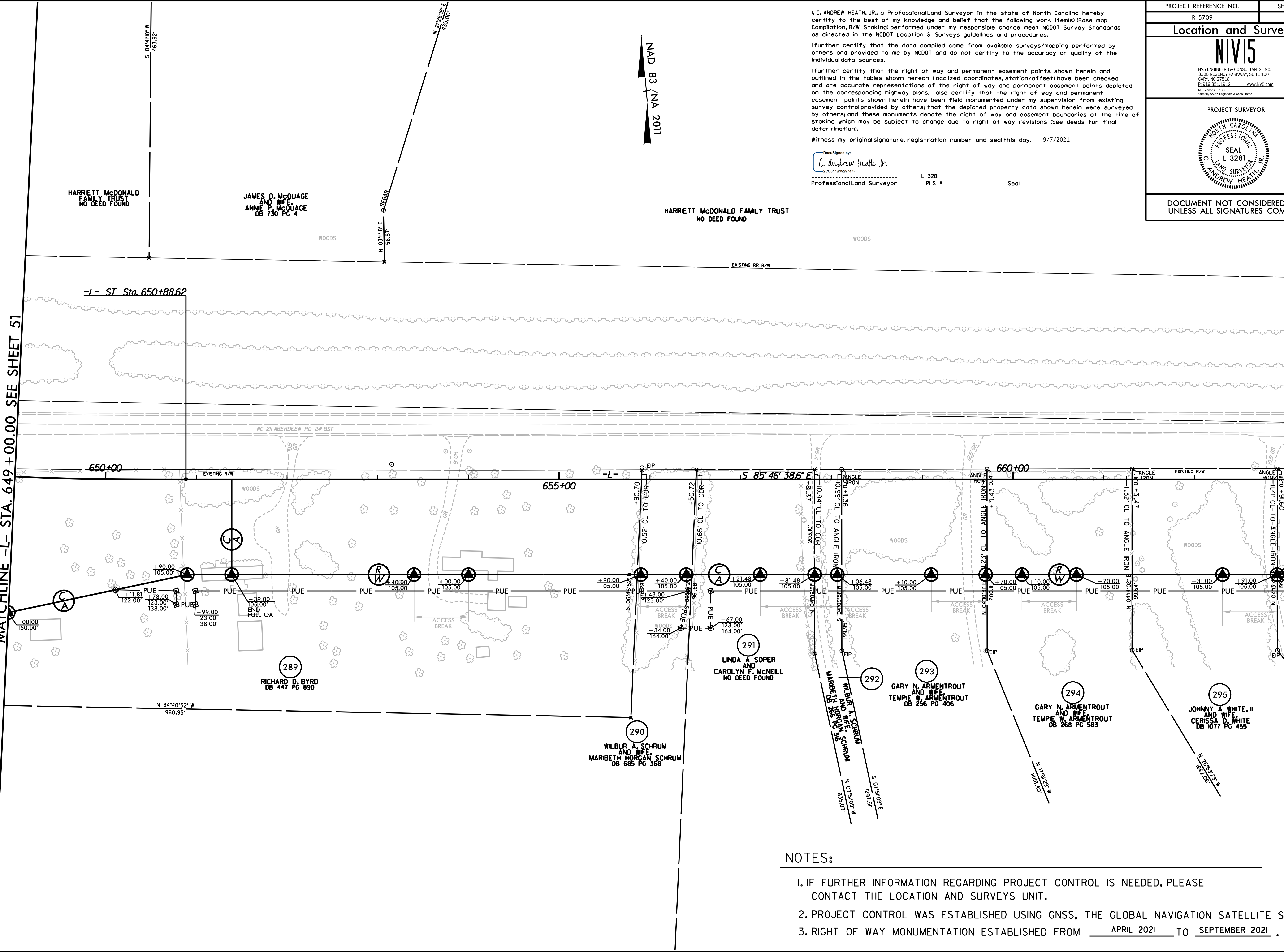
6/2/2019

REVISIONS

9/7/2021 - REVISED PER DIVISION L&S COMMENTS

07-SEP-2021 09:59  
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jheath

MATCHLINE -L- STA. 649 + 00.00 SEE SHEET 51



I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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Witness my original signature, registration number and seal this day, 9/7/2021

DocuSigned by:  
C. Andrew Heath Jr.  
20C014B3920747F  
Professional Land Surveyor

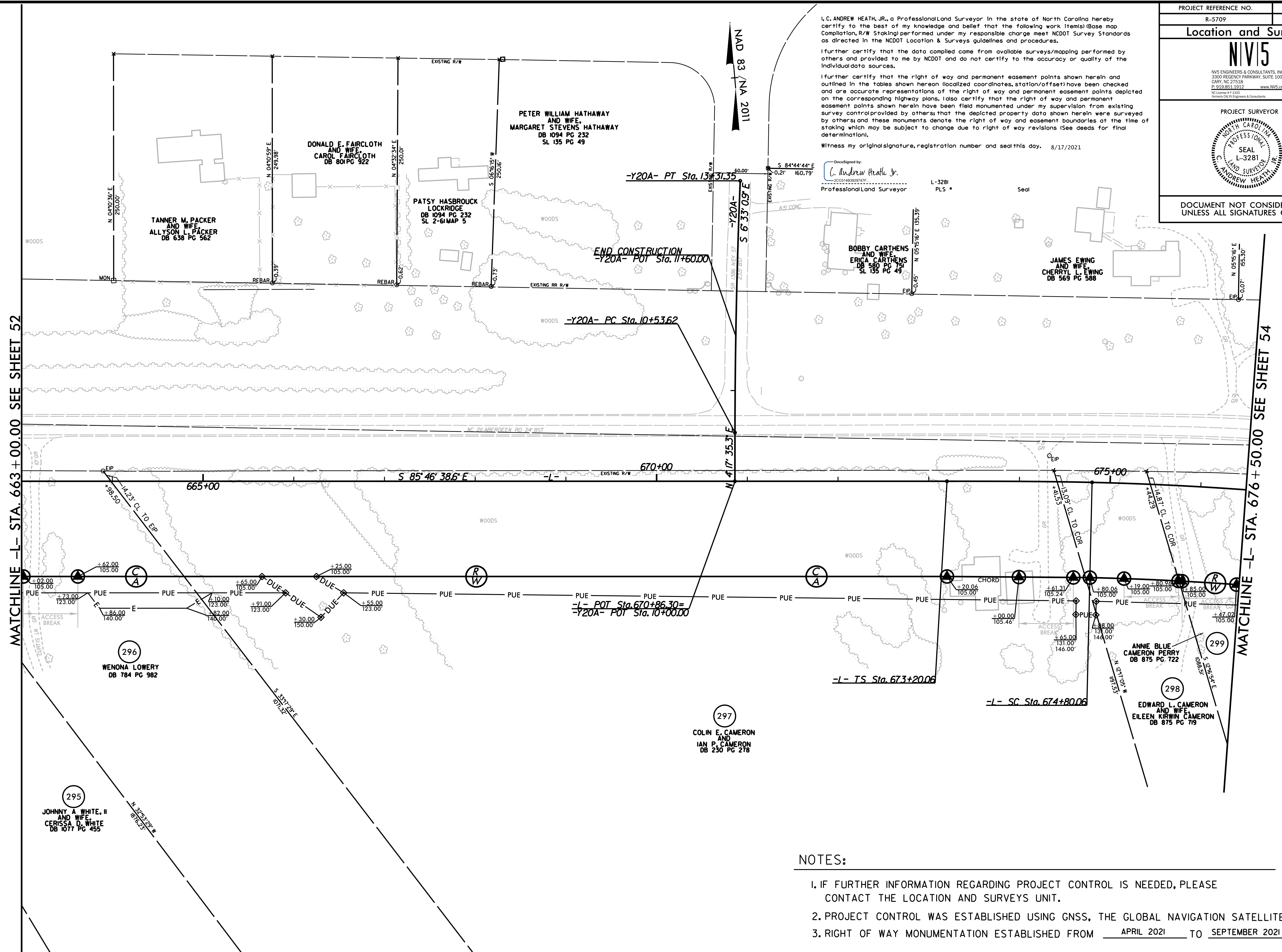
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PLS

Seal

|                                                                                                                                                                                                                 |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| PROJECT REFERENCE NO.                                                                                                                                                                                           | SHEET NO. |
| R-5709                                                                                                                                                                                                          | RW52      |
| Location and Surveys                                                                                                                                                                                            |           |
| <b>NIVIS</b><br>NIVIS ENGINEERS & CONSULTANTS, INC.<br>3300 REGENCY PARKWAY, SUITE 100<br>CARY, NC 27518<br>P: 919.851.1912 www.NIVIS.com<br>NC License # F-5333<br>Surveying & Mapping Engineers & Consultants |           |
| PROJECT SURVEYOR                                                                                                                                                                                                |           |
|                                                                                                                                                                                                                 |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                                                                                |           |

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 FROM APRIL 2021 TO SEPTEMBER 2021.

[illegible]

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
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3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM APRIL 2021 TO SEPTEMBER 2021.

|                                                                                                                                                                                                                                                                                                                                                                                |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| PROJECT REFERENCE NO.                                                                                                                                                                                                                                                                                                                                                          | SHEET NO. |
| R-4709                                                                                                                                                                                                                                                                                                                                                                         | RW53      |
| Location and Surveys                                                                                                                                                                                                                                                                                                                                                           |           |
|  <p>NIVS ENGINEERS &amp; CONSULTANTS, INC.<br/>         3300 REGENCY PARKWAY, SUITE 100<br/>         CARY, NC 27518<br/>         P. 919.358.1592      <a href="http://www.NIVS.com">www.NIVS.com</a></p> <p>NC License # 1-3333<br/>         formerly C&amp;W Engineers and Consultants</p> |           |
| PROJECT SURVEYOR                                                                                                                                                                                                                                                                                                                                                               |           |
|                                                                                                                                                                                                                                                                                             |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                                                                                                                                                                                                                                               |           |



6/2/2019

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andrew.heath

REVISIONS

9/7/2021 - REVISED PER DIVISION L&S COMMENTS

PROJECT SURVEYOR



PROJECT REFERENCE NO. SHEET NO.

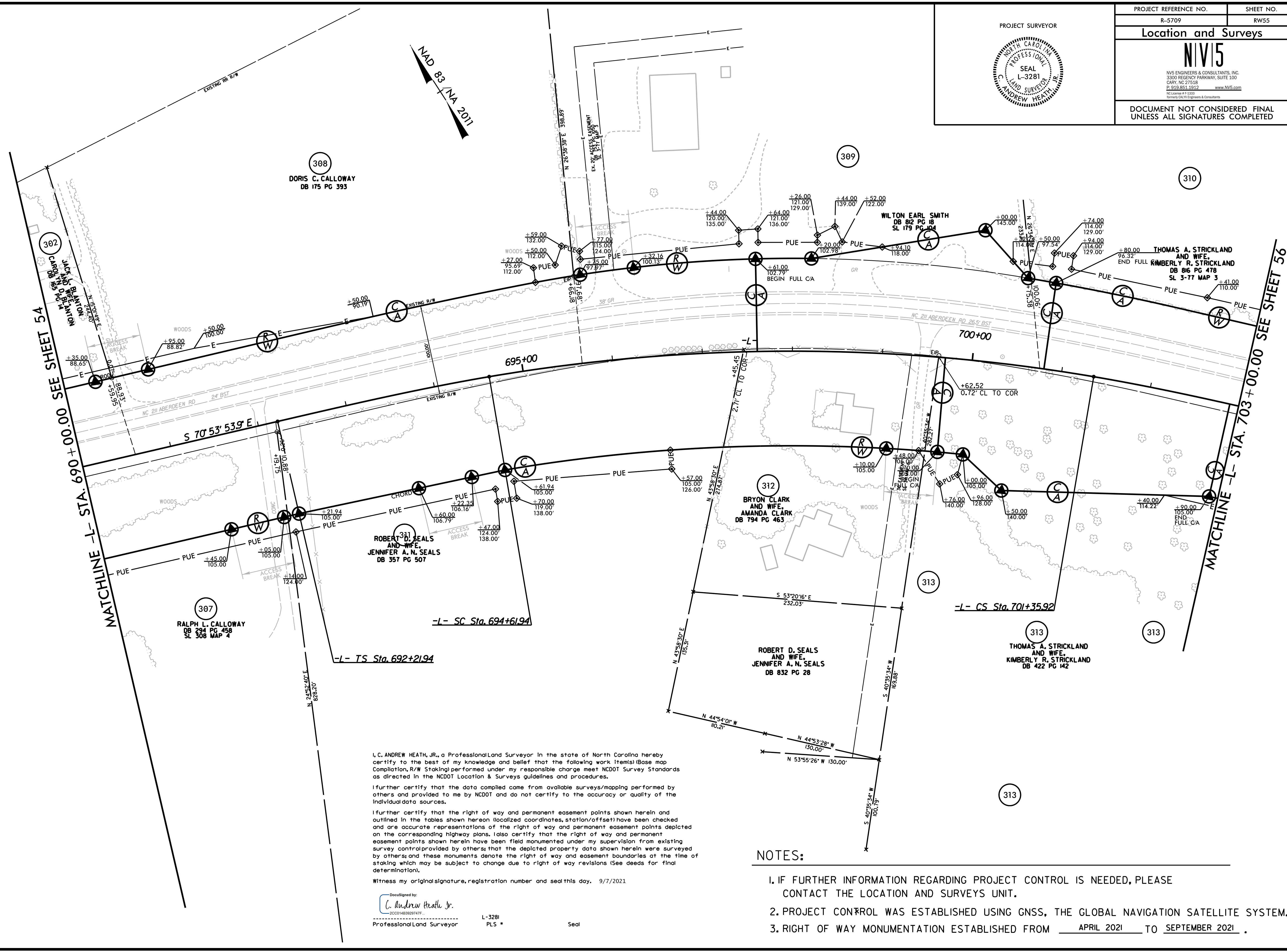
R-5709 RW55

Location and Surveys

NIVIS

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3300 REGENCY PARKWAY, SUITE 100  
CARY, NC 27518  
P: 919.851.1912  
www.NIVIS.com  
NC License # P-1333  
Surveying, Civil, Engineering & Consultants

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



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Witness my original signature, registration number and seal this day, 9/7/2021

DocuSigned by:  
C. Andrew Heath Jr.  
20C014B3020747F  
Professional Land Surveyor

L-3281  
PLS \*

Seal

### NOTES:

- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
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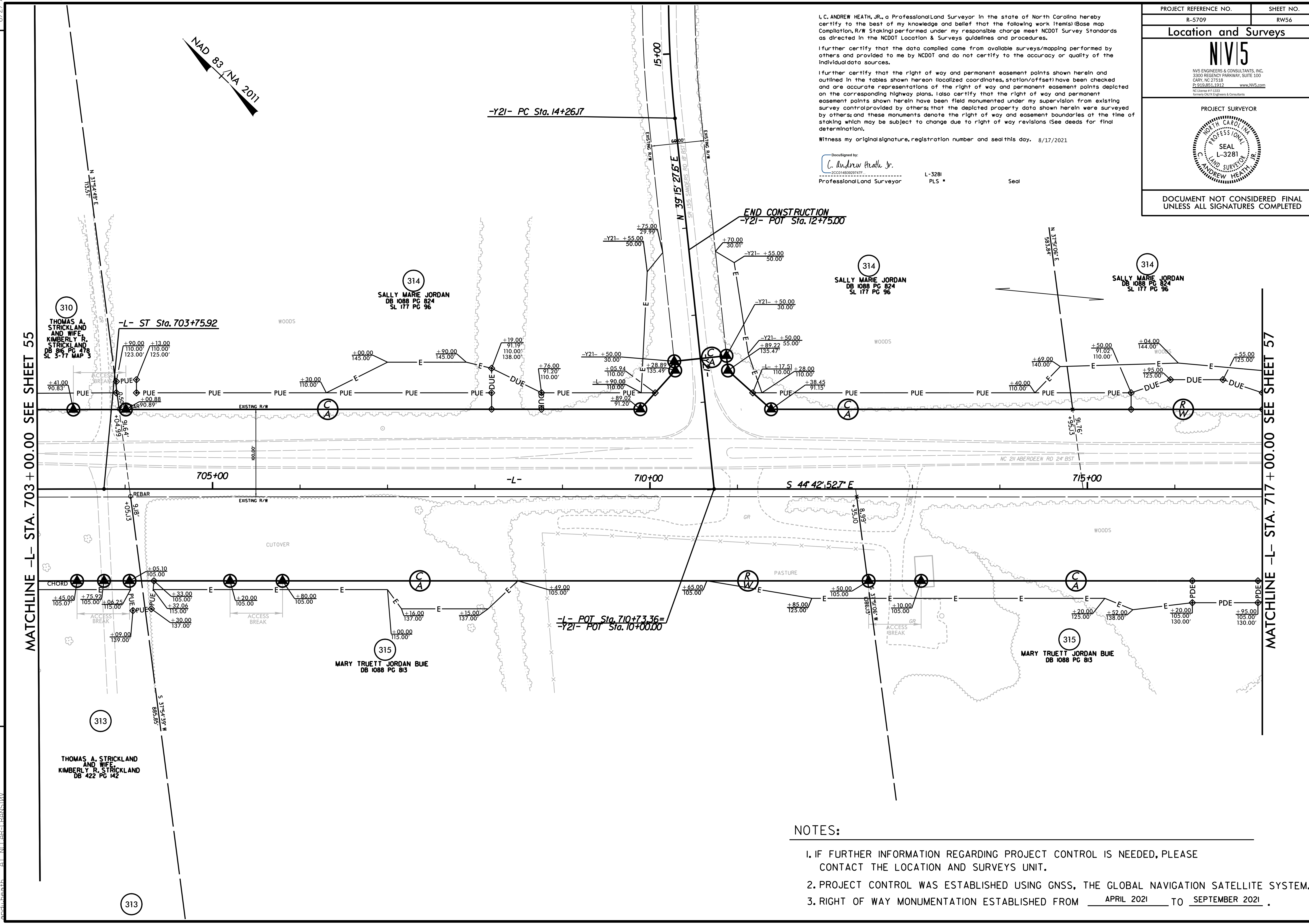
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17-AUG-2023 11:51  
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jheath

REVISIONS

MATCHLINE -L- STA. 703 + 00.00 SEE SHEET 55

MATCHLINE -L- STA. 717 + 00.00 SEE SHEET 57



I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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Witness my original signature, registration number and seal this day, 8/17/2021

DocuSigned by:  
C. Andrew Heath Jr.  
Professional Land Surveyor

L-3281  
PLS Seal

|                                                                                                                              |           |
|------------------------------------------------------------------------------------------------------------------------------|-----------|
| PROJECT REFERENCE NO.                                                                                                        | SHEET NO. |
| R-5709                                                                                                                       | RW56      |
| Location and Surveys                                                                                                         |           |
| NIVIS                                                                                                                        |           |
| NIVIS ENGINEERS & CONSULTANTS, INC.<br>3300 REGENCY PARKWAY, SUITE 100<br>CARY, NC 27518<br>P: 919.851.1912<br>www.NIVIS.com |           |
| PROJECT SURVEYOR                                                                                                             |           |
| SEAL<br>L-3281<br>ANDREW HEATH JR.                                                                                           |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                             |           |

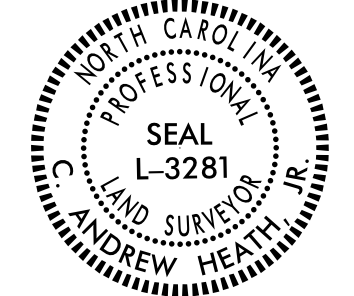
NOTES:

- 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 FROM APRIL 2021 TO SEPTEMBER 2021.

## Location and Surveys

**N|V|5**  
NV5 ENGINEERS & CONSULTANTS, INC.  
3300 REGENCY PARKWAY, SUITE 100  
CARY, NC 27518  
P: 919.851.1912 [www.NV5.com](http://www.NV5.com)  
NC License # F-1333  
formerly GALXY Engineers & Consultants

PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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Witness my original signature, registration number and seal this day. 8/17/2021

DocuSigned by:  
C. Andrew Heath Jr.  
2CC014B3929747F...

-----  
Professional Land Surveyor

L-3281  
PLS

Seal

TOTAL VICTORY  
DELIVERANCE CHURCH  
DB 360 PG 809

U.S. BANK NATIONAL ASSOCIATION  
DB 1159 PG 530  
SL 204 PG 79

LIVING FAITH MINISTRIES  
DB 252 PG 202  
MB 8 PG 79 SL 204

TOTAL VICTORY  
DELIVERANCE CHURCH  
DB 270 PG 106  
MB 8 PG 79 SL 204

SALLY MARIE JORDAN  
DB 1088 PG 824  
SL 177 PG 96

SALLY MARIE JORDAN  
DB 1088 PG 824  
SL 177 PG 96

WRIGHT & BEST, INC  
DB 268 PG 93  
SL 177 PG 96

MARY TRUETT JORDAN BUIE  
DB 1088 PG 813

MARY TRUETT JORDAN BUIE  
DB 1088 PG 813

BIG AND LITTLE  
FAITH TEMPLE CHURCH  
DB 1055 PG 908  
SL 4-60 MAP 2

ERNESTINE T. BEATTY  
DB 1067 PG 983  
SL 4-60 MAP 2

JORGE SANCHEZ CARRANZA  
AND  
ERNESTO SANCHEZ CARRANZA  
DB 1163 PG 625  
SL 3-10 MAP 5  
S 44°47'55" E

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 FROM APRIL 2021 TO SEPTEMBER 2021.





## Location and Surveys

**N|V|5**  
 INSERT CONSULTANT'S NAME  
 NV5 ENGINEERS & CONSULTANTS, INC.  
 3300 REGENCY PARKWAY, SUITE 100  
 CARY, NC 27518  
 P: 919.851.1912 [www.NV5.com](http://www.NV5.com)

PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL  
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Witness my original signature, registration number and seal this day. 8/17/2021

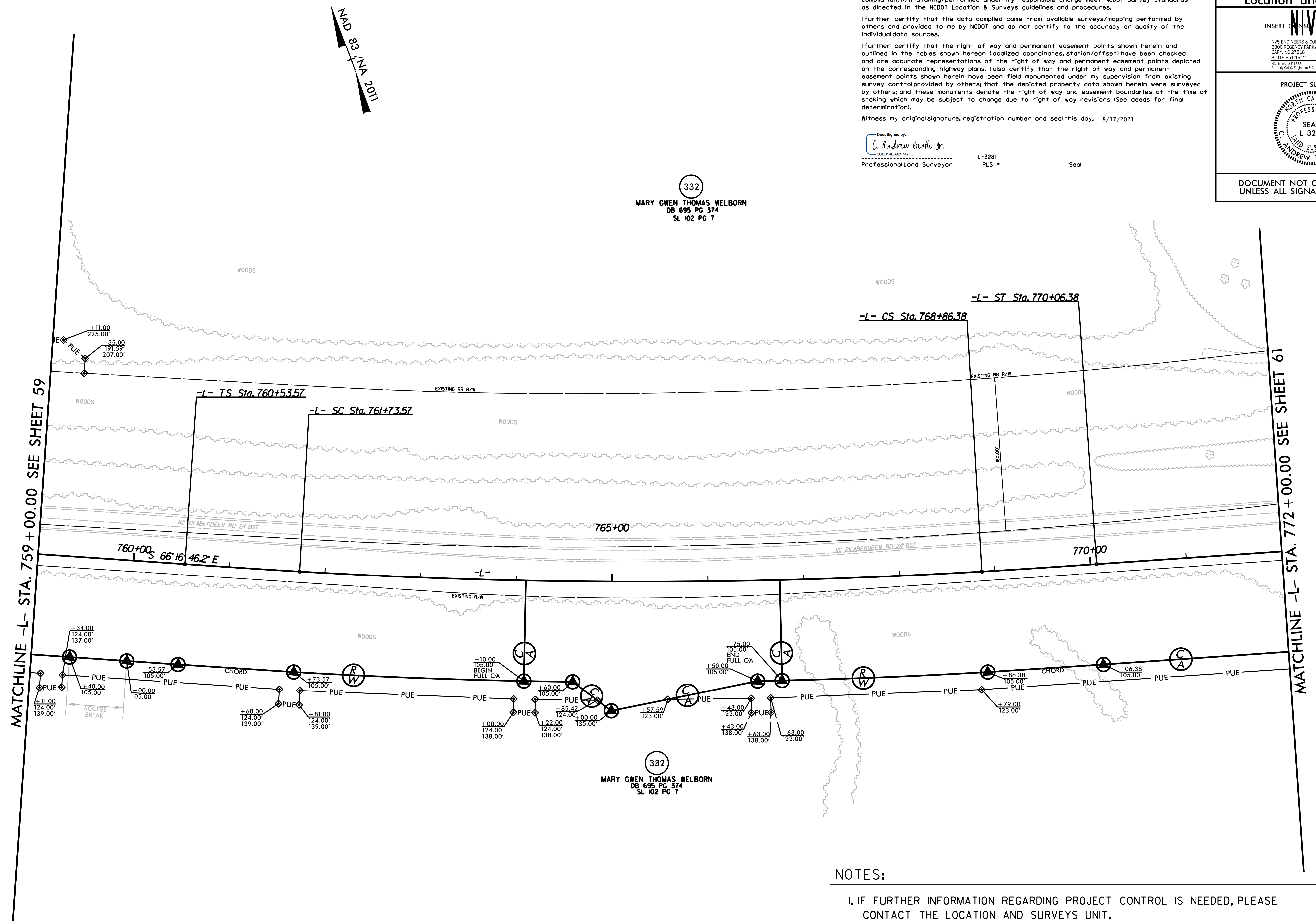
DocuSigned by:

C. Andrew Heath Jr.  
2CC014B3929747F...  
Professional Land Surveyor

L-3281  
PLS

Seal

332  
MARY GWEN THOMAS WELBORN  
DB 695 PG 374  
SL 102 PG 7

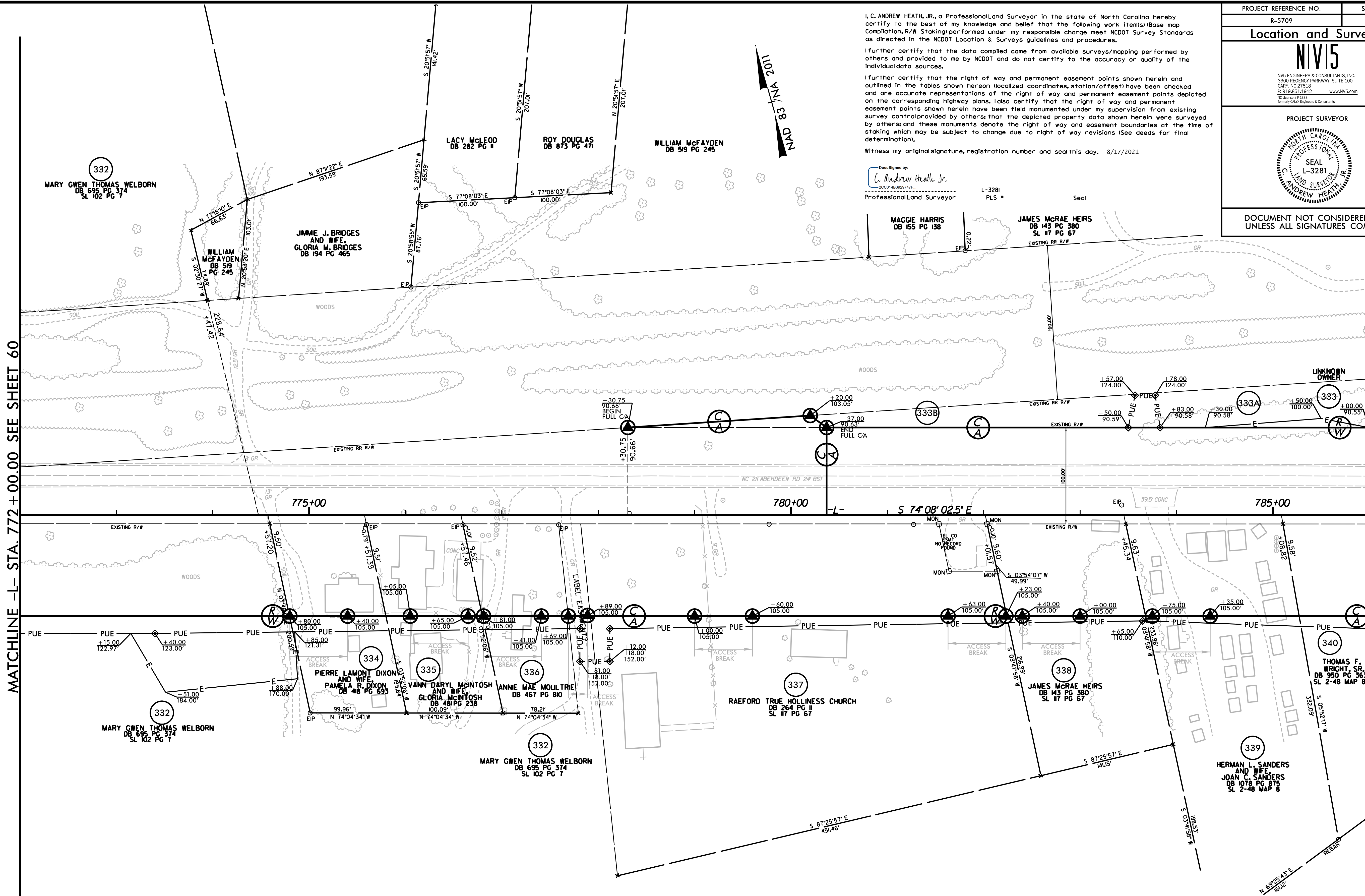


NOTES:

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3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM APRIL 2021 TO SEPTEMBER 2021.

MATCHLINE -L- STA. 772 + 00.00 SEE SHEET 60

MATCHLINE -L- STA. 786 + 00.00 SEE SHEET 62



I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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Witness my original signature, registration number and seal this day, 8/17/2021

DocuSigned by:  
C. Andrew Heath Jr.  
2020014839297476  
Professional Land Surveyor

L-3281  
PLS

Seal

|                                                                                                                                                                                                                   |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| PROJECT REFERENCE NO.                                                                                                                                                                                             | SHEET NO. |
| R-5709                                                                                                                                                                                                            | RW61      |
| Location and Surveys                                                                                                                                                                                              |           |
| <b>NIVIS</b><br>NIVIS ENGINEERS & CONSULTANTS, INC.<br>3300 REGENCY PARKWAY, SUITE 100<br>DURHAM, NC 27718<br>P: 919.851.1912 www.nivis.com<br>NC License # P-1233<br>Surveying & Civil Engineering & Consultants |           |
| PROJECT SURVEYOR                                                                                                                                                                                                  |           |
|                                                                                                                                                                                                                   |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                                                                                  |           |

NOTES:

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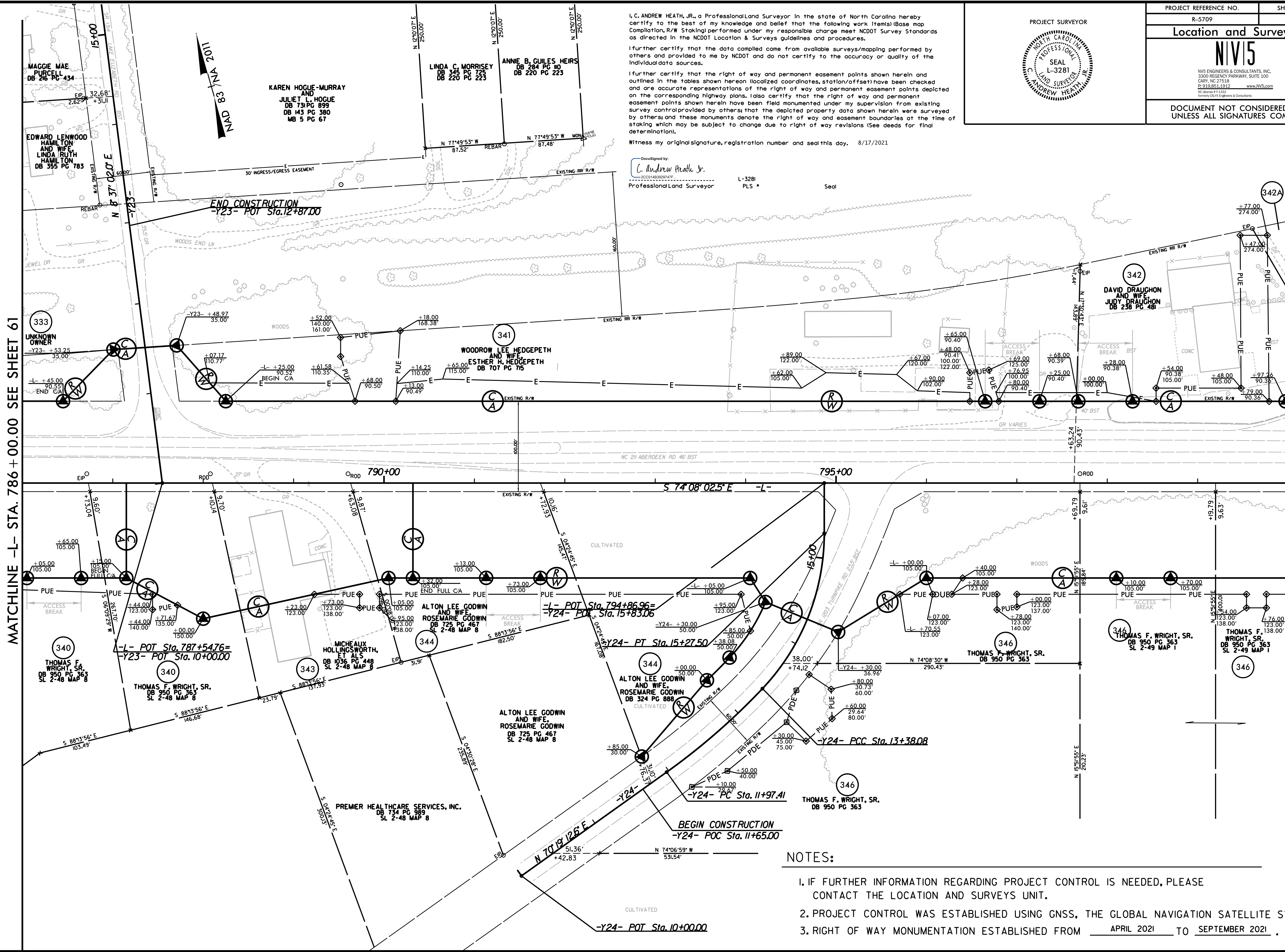
6/2/2019

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jheath

REVISIONS

MATCHLINE -L- STA. 786 + 00.00 SEE SHEET 61

MATCHLINE -L- STA. 800 + 00.00 SEE SHEET 63



I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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DocuSigned by:  
C. Andrew Heath Jr.  
Professional Land Surveyor

L-3281  
PLS

Seal

PROJECT SURVEYOR



PROJECT REFERENCE NO. SHEET NO.

R-5709 RW62

Location and Surveys

NIVIS

NIVIS ENGINEERS & CONSULTANTS, INC.  
3300 REGENCY PARKWAY, SUITE 100  
CARY, NC 27518  
P: 919.851.1912 www.nivis.com  
NC License # P-2333  
Surveying & Mapping Engineers & Consultants

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

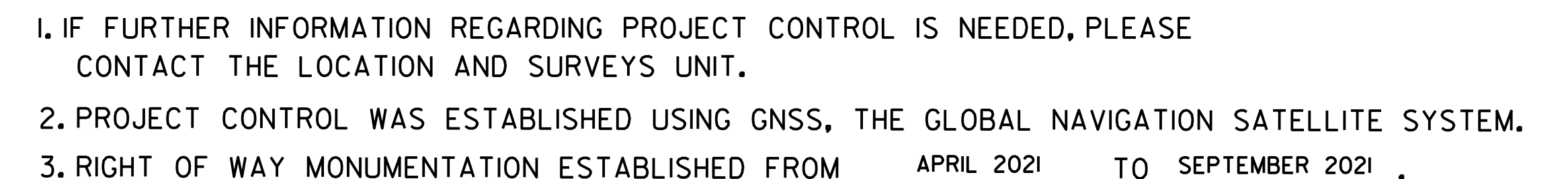
#### NOTES:

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- RIGHT OF WAY MONUMENTATION ESTABLISHED FROM APRIL 2021 TO SEPTEMBER 2021.

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Seal

MATCHLINE -L- STA. 814 + 00.00 SEE SHEET 64



|                                                                                                                                                                                                                                  |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| PROJECT REFERENCE NO.                                                                                                                                                                                                            | SHEET NO. |
| R-5709                                                                                                                                                                                                                           | RW63      |
| <h1 style="text-align: center;">Location and Surveys</h1>                                                                                                                                                                        |           |
|                                                                                                                                               |           |
| <p style="text-align: center;">NIV ENGINEERS &amp; CONSULTANTS, INC.<br/>         3300 REGENCY PARKWAY, SUITE 100<br/>         CARY, NC 27518<br/>         P: 919.853.1912      <a href="http://www.NIV.com">www.NIV.com</a></p> |           |
| <p style="text-align: center;">NC License # F 1303<br/>         formerly CAY Engineers &amp; Consultants</p>                                                                                                                     |           |
| <h2>PROJECT SURVEYOR</h2>                                                                                                                                                                                                        |           |
|                                                                                                                                               |           |
| <p><b>DOCUMENT NOT CONSIDERED FINAL<br/>         UNLESS ALL SIGNATURES COMPLETED</b></p>                                                                                                                                         |           |

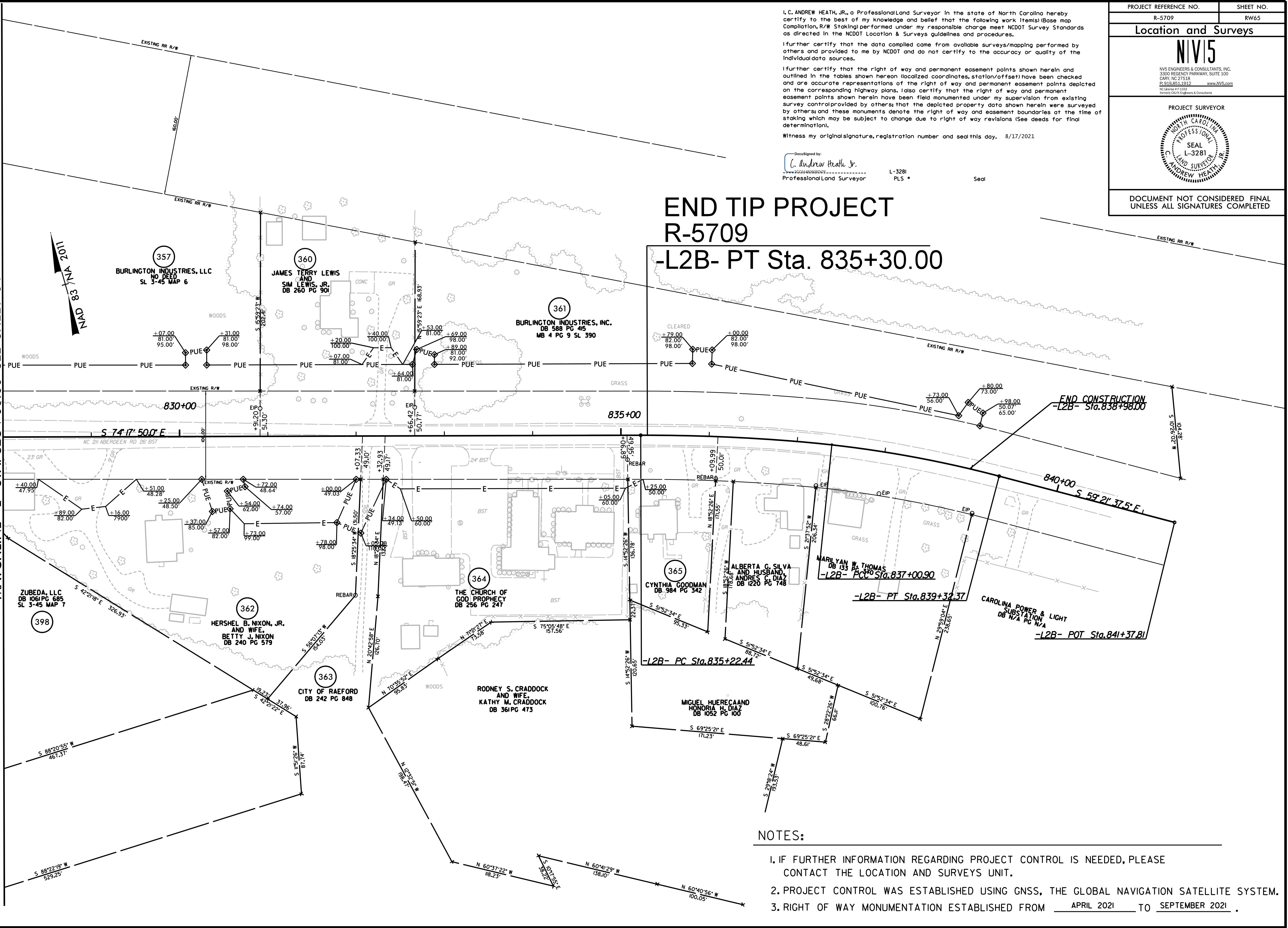


6/2/2019

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andrew

REVISIONS

MATCHLINE -L- STA. 828+00.00 SEE SHEET 64



I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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Witness my original signature, registration number and seal this day, 8/17/2021

Documented by:  
*C. Andrew Heath Jr.*  
Professional Land Surveyor L-3281 PLS Seal

|                                                                                                                                                                                                              |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| PROJECT REFERENCE NO.                                                                                                                                                                                        | SHEET NO. |
| R-5709                                                                                                                                                                                                       | RW65      |
| Location and Surveys                                                                                                                                                                                         |           |
| <b>NIVIS</b><br>NIVIS ENGINEERS & CONSULTANTS, INC.<br>3300 REGENCY PARKWAY, SUITE 100<br>DURHAM, NC 27718<br>P: 919.851.1912 www.nivis.com<br>NC License # F-1333<br>Formerly CIVIL Engineers & Consultants |           |
| PROJECT SURVEYOR<br><br>SEAL L-3281<br>ANDREW HEATH JR.                                                                                                                                                      |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                                                                             |           |

6/2/2019

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jheath

REVISIONS

9/7/2021 - REVISED PER DIVISION L&S COMMENTS

NAD 83 / NA 2011

I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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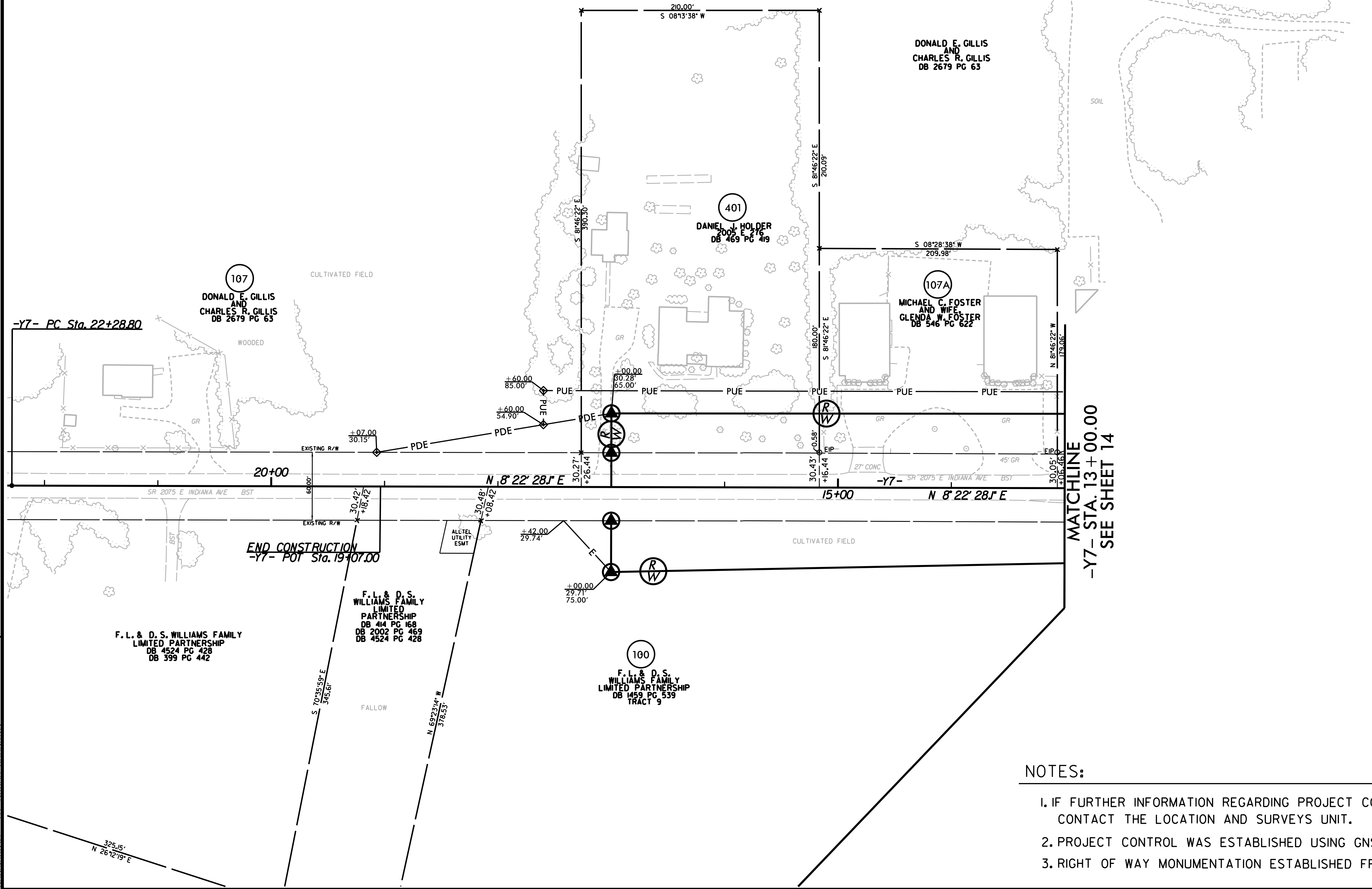
Witness my original signature, registration number and seal this day. 9/7/2021

DocuSigned by:  
C. Andrew Heath Jr.  
20001463929747P  
Professional Land Surveyor

L-3281  
PLS \*

Seal

107



#### NOTES:

- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
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- RIGHT OF WAY MONUMENTATION ESTABLISHED FROM APRIL 2021 TO SEPTEMBER 2021.

|                                                                                                                                                                                                     |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| PROJECT REFERENCE NO.                                                                                                                                                                               | SHEET NO. |
| R-5709                                                                                                                                                                                              | RW66      |
| Location and Surveys                                                                                                                                                                                |           |
| NIVIS<br>NVIS ENGINEERS & CONSULTANTS, INC.<br>3300 REGENCY PARKWAY, SUITE 100<br>CHRY, NC 27518<br>P: 919.851.1912<br>www.nvis.com<br>NC License # F-1533<br>Formerly CALS Engineers & Consultants |           |
| PROJECT SURVEYOR<br>SEAL<br>L-3281<br>ANDREW HEATH, JR.                                                                                                                                             |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                                                                    |           |

6/2/2019

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REVISIONS

NAD 83 / NA 2011

402  
NANCY STALKER WENNBERG  
NO DEED FOUND  
MB 2 PG 222

I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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DocuSigned by:  
C. Andrew Heath Jr.  
Professional Land Surveyor

L-3281  
PLS #

Seal

|                                                                                                                                                                                                             |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| PROJECT REFERENCE NO.                                                                                                                                                                                       | SHEET NO. |
| R-5709                                                                                                                                                                                                      | RW67      |
| Location and Surveys                                                                                                                                                                                        |           |
| NIVIS<br>NIVIS ENGINEERS & CONSULTANTS, INC.<br>3300 REGENCY PARKWAY, SUITE 100<br>CARY, NC 27518<br>P: 919.851.1912<br>www.NIVIS.com<br>NC License # F 1333<br>Surveying & Mapping Engineers & Consultants |           |
| PROJECT SURVEYOR<br>SEAL<br>L-3281<br>ANDREW HEATH, JR.                                                                                                                                                     |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                                                                            |           |

MATCHLINE -Y9A- STA. 15+00.00  
SEE SHEET 22

+40.00  
52.84'  
54.00'

+50.00  
40.00'

R  
W

+54.61  
50.00'  
57.46'

R  
W

+11.00  
90.00'

-Y9A- PC Sta. 15+54.61

402  
NANCY STALKER WENNBERG  
NO DEED FOUND  
MB 2 PG 222

-Y9A- PT Sta. 23+44.81

+44.81  
40.00'

+44.81  
50.00'

403  
MICHAEL B. FOSTER  
AND WIFE  
GLENDA W. FOSTER  
DB 372 PG 99

+04.96  
36.57'

+65.00  
40.00'  
50.00'

407  
LESTER DAVIS  
AND WIFE  
DAWN DAVIS  
DB 500 PG 196

30' IMPROVED EASEMENT

N 38°15'15" E  
155.00'

25+00

S 42°26'12" E  
75.00'

26+00.00

MATCHLINE -Y9A- STA. 26+00.00  
SEE SHEET 68

404  
JAMES B. MCLEOD  
IRREVOCABLE TRUST  
DB 1017 PG 349

### NOTES:

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- RIGHT OF WAY MONUMENTATION ESTABLISHED FROM APRIL 2021 TO SEPTEMBER 2021 .

6/2/2019

17-AUG-2023 11:51  
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andrew.heath

REVISIONS

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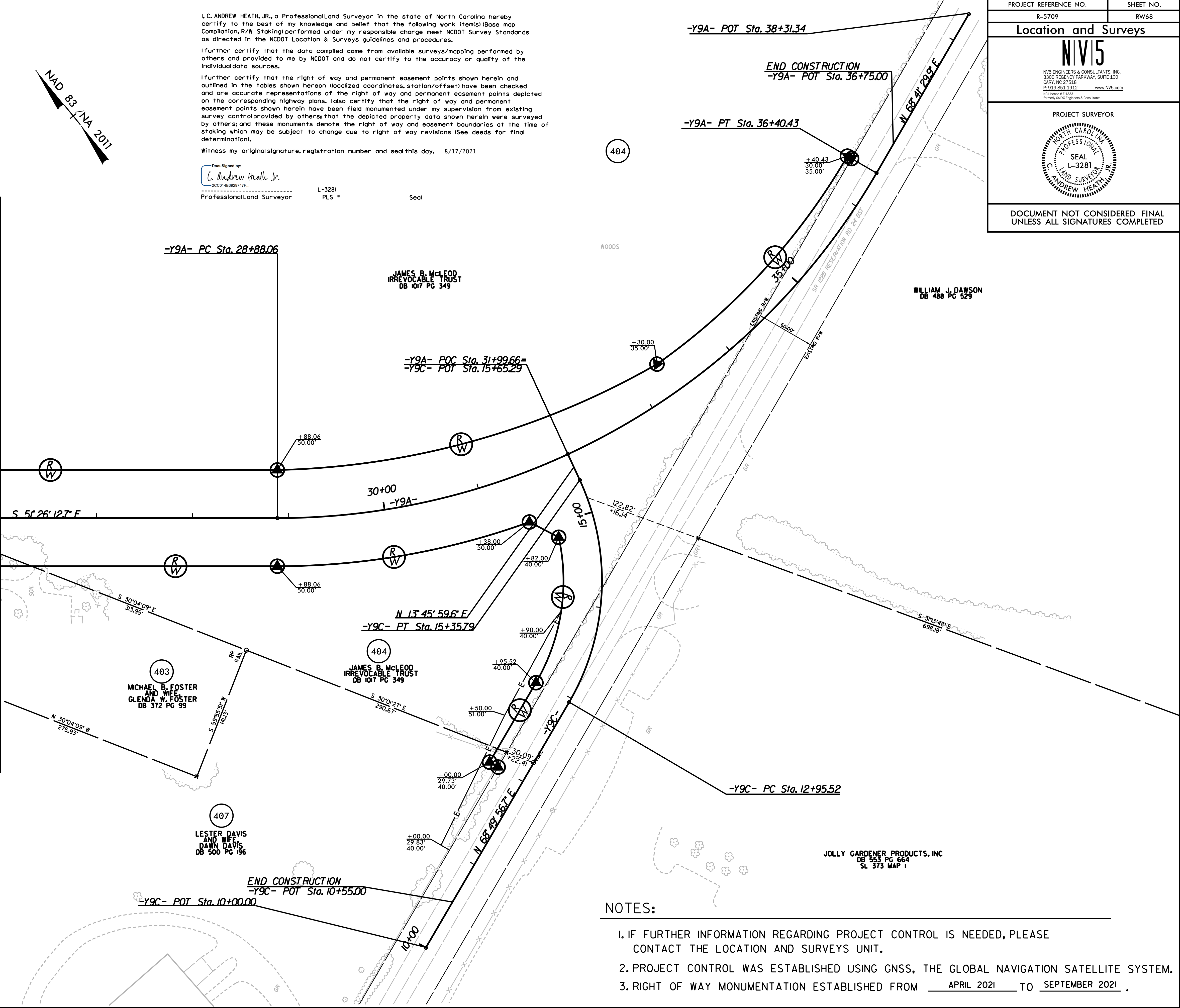
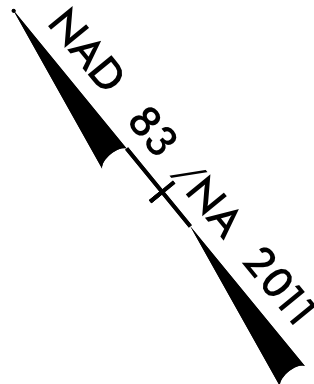
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Witness my original signature, registration number and seal this day, 8/17/2021.

DocuSigned by:  
C. Andrew Heath Jr.  
20201483920747F  
Professional Land Surveyor L-3281 PLS \* Seal

MATCHLINE -Y9A- STA. 26+00.00 SEE SHEET 67



|                                                                                                                                                                                                               |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| PROJECT REFERENCE NO.<br>R-5709                                                                                                                                                                               | SHEET NO.<br>RW68 |
| <b>Location and Surveys</b>                                                                                                                                                                                   |                   |
| <b>NIVIS</b><br>NIVS ENGINEERS & CONSULTANTS, INC.<br>3300 REGENCY PARKWAY, SUITE 100<br>DURHAM, NC 27718<br>P: 919.851.1912 www.NIVS.com<br>NC License # F 1333<br>Surveying & Civil Engineers & Consultants |                   |
| PROJECT SURVEYOR<br><br>ANDREW HEATH, JR.                                                                                                                                                                     |                   |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                                                                              |                   |

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM APRIL 2021 TO SEPTEMBER 2021.

6/2/2019

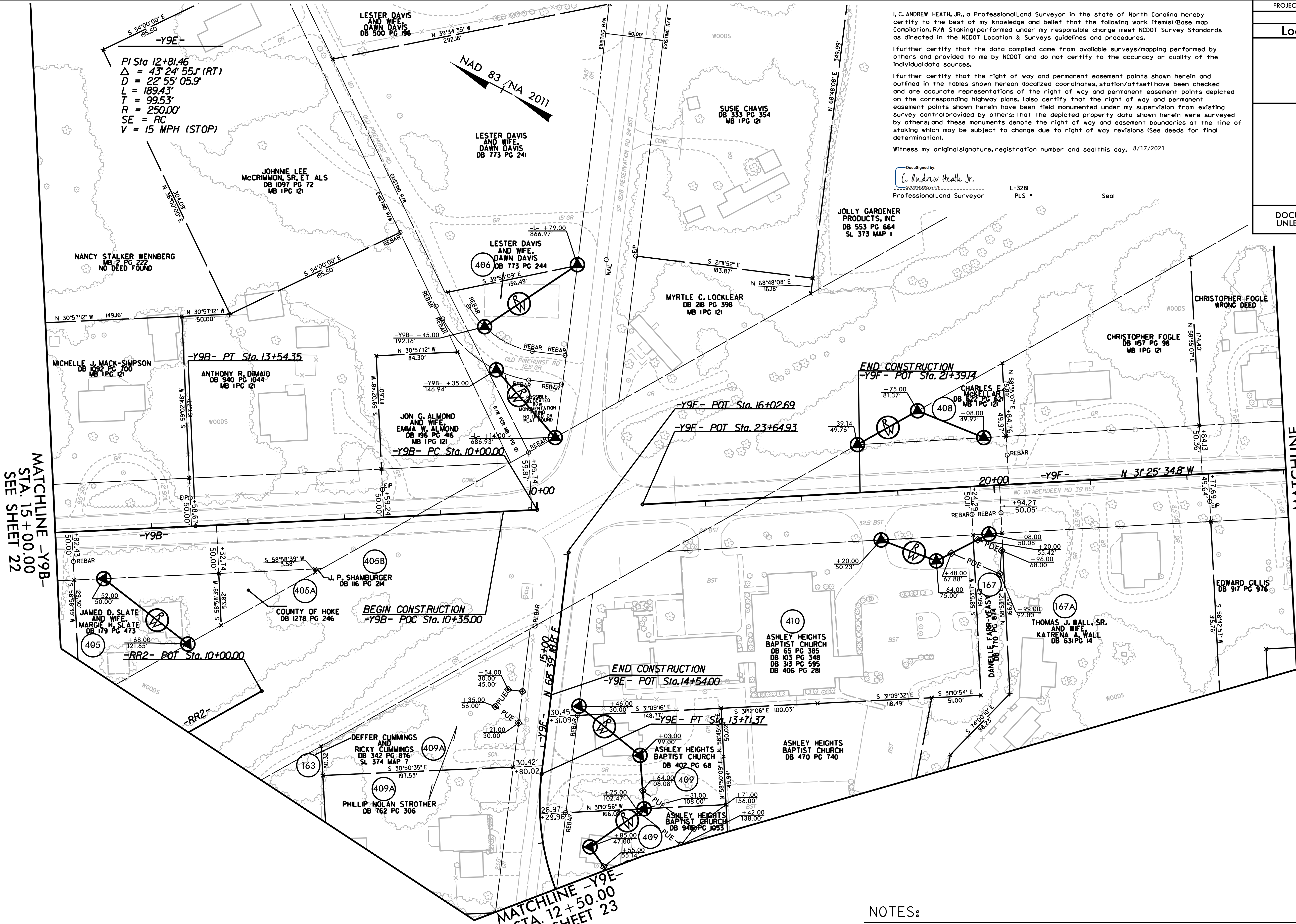
17-AUG-2023 11:51  
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jheath

REVISIONS

MATCHLINE -Y9B-  
STA. 15+00.00  
SEE SHEET 22

MATCHLINE -Y9E-  
STA. 12+50.00  
SEE SHEET 23

MATCHLINE  
-Y9F- STA. 17+00.00 SEE SHEET 24



I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this day, 8/17/2021.

DocuSigned by:  
C. Andrew Heath Jr.  
Professional Land Surveyor L-3281 PLS

|                                                                                                                                                                                                                    |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| PROJECT REFERENCE NO.                                                                                                                                                                                              | SHEET NO. |
| R-5709                                                                                                                                                                                                             | RW69      |
| Location and Surveys                                                                                                                                                                                               |           |
| <b>NIVIS</b><br>NIVIS ENGINEERS & CONSULTANTS, INC.<br>3300 REGENCY PARKWAY, SUITE 100<br>CARY, NC 27518<br>P: 919.851.1912<br>www.NIVIS.com<br>NC License # P 1333<br>Surveying & Mapping Engineers & Consultants |           |
| PROJECT SURVEYOR<br>SEAL<br>L-3281<br>C. ANDREW HEATH, JR.                                                                                                                                                         |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                                                                                   |           |

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 FROM APRIL 2021 TO SEPTEMBER 2021.

6/2/2019

REVISIONS

9/7/2021 - REVISED PER DIVISION L&S COMMENTS

07-SEP-2021 09:59  
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andrew.heathe

NAD 83 (NA 2011)

I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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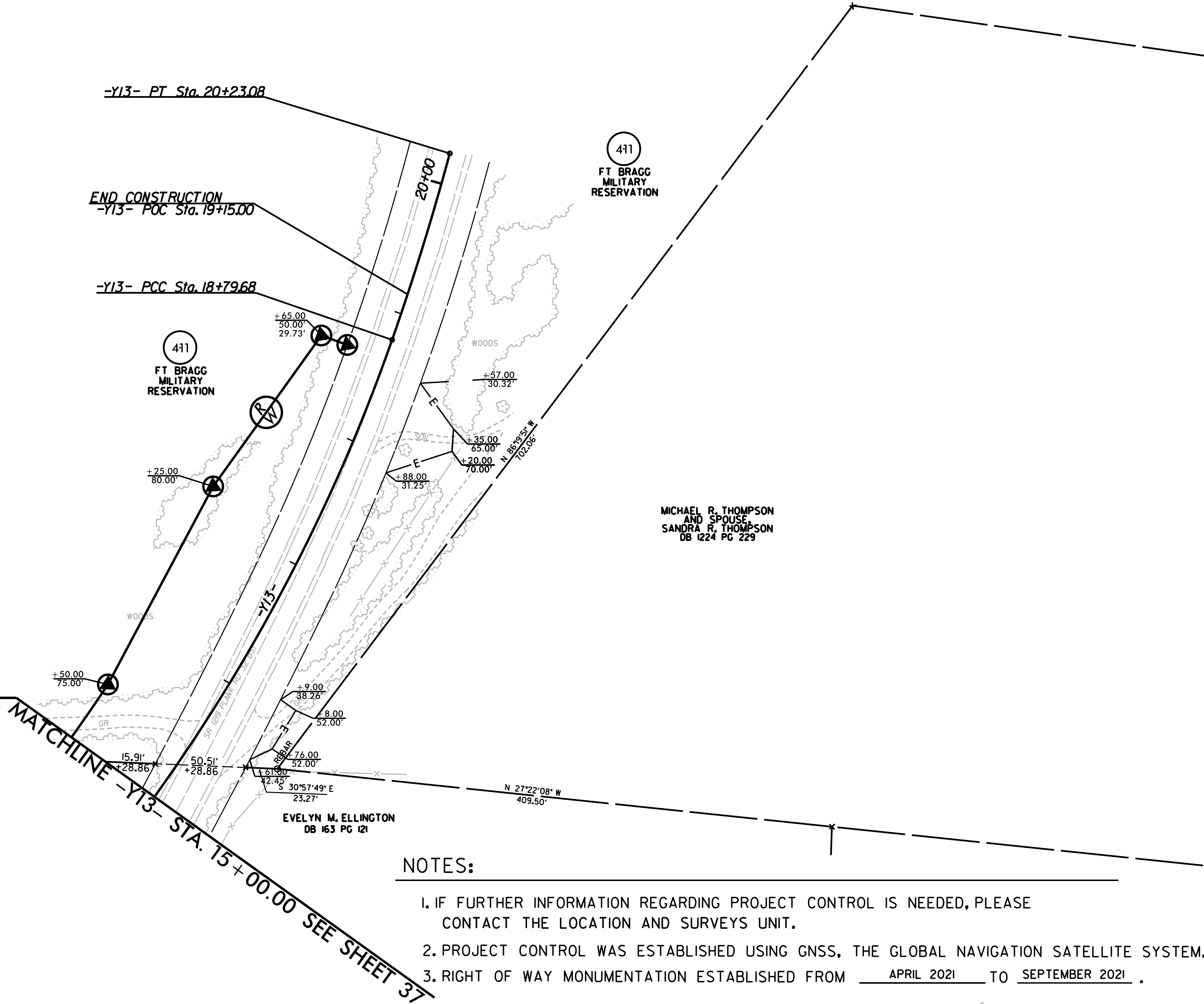
Witness my original signature, registration number and seal this day, 9/7/2021

DocuSigned by:  
C. Andrew Heath Jr.  
2C2D14B3829147E  
Professional Land Surveyor

L-3281  
PLS

Seal

|                                                                                                                                                                                                         |           |
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| PROJECT REFERENCE NO.                                                                                                                                                                                   | SHEET NO. |
| R-5709                                                                                                                                                                                                  | RW70      |
| Location and Surveys                                                                                                                                                                                    |           |
| NIVIS<br>NIVIS ENGINEERS & CONSULTANTS, INC.<br>3300 REGENCY PARKWAY, SUITE 100<br>DURHAM, NC 27718<br>P: 919.851.1912<br>www.NIVIS.com<br>NC License # F1333<br>Formerly CIVIL Engineers & Consultants |           |
| PROJECT SURVEYOR<br>SEAL<br>L-3281<br>ANDREW HEATH, JR.<br>LAND SURVEYOR                                                                                                                                |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                                                                        |           |



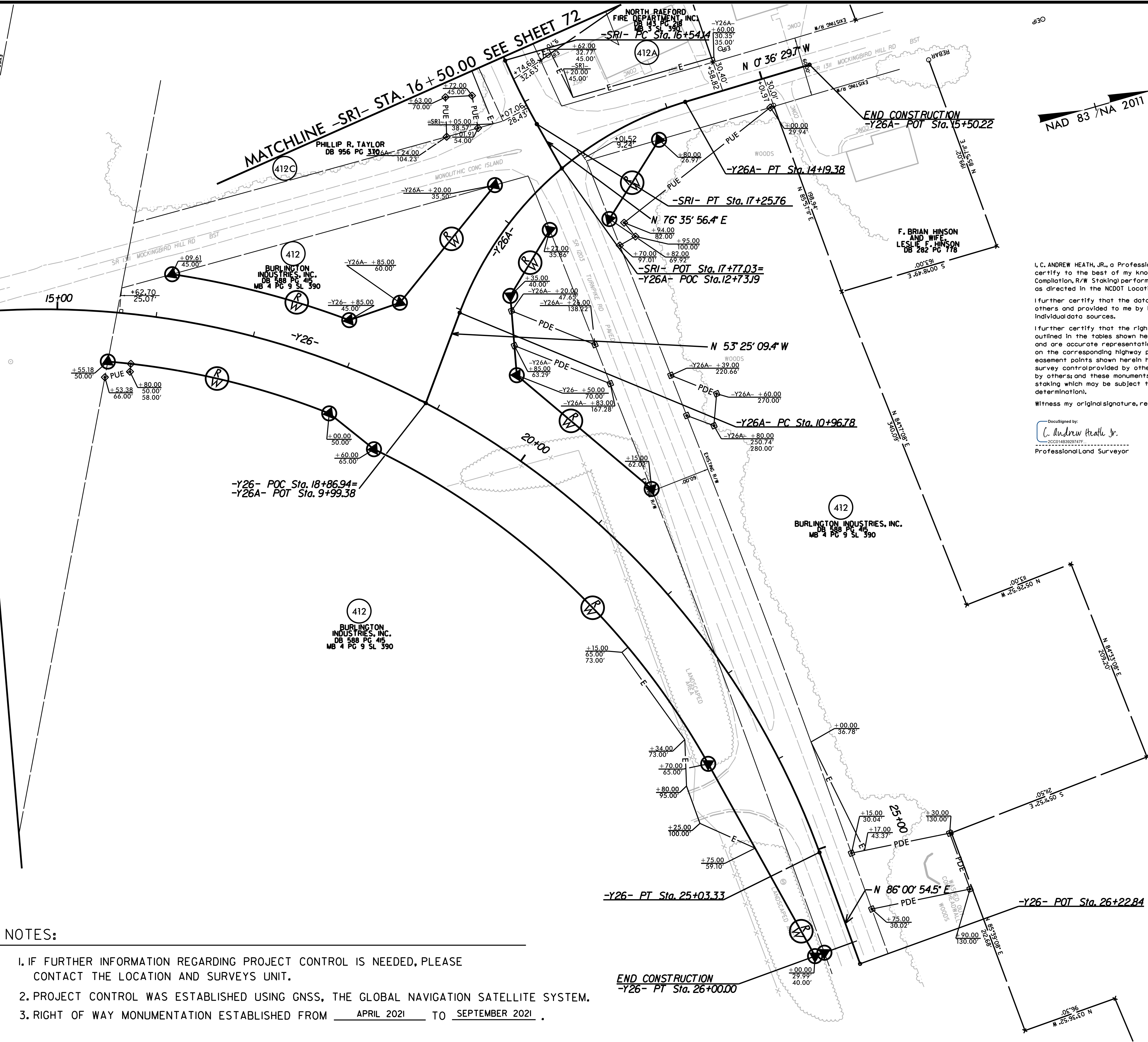
- NOTES:
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  2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
  3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM APRIL 2021 TO SEPTEMBER 2021 .

6/2/2019

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jheath

REVISIONS

MATCHLINE -Y26- STA. 14 + 50.00 SEE SHEET 64



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 FROM APRIL 2021 TO SEPTEMBER 2021 .

|                                                                                                                                                                                                |           |
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| PROJECT REFERENCE NO.                                                                                                                                                                          | SHEET NO. |
| R-5709                                                                                                                                                                                         | RW71      |
| Location and Surveys                                                                                                                                                                           |           |
| NIVIS                                                                                                                                                                                          |           |
| NVS ENGINEERS & CONSULTANTS, INC.<br>3300 REGENCY PARKWAY, SUITE 100<br>DURHAM, NC 27715<br>P: 919.851.1912 www.NVIS.com<br>NC License # F 1533<br>Surveying & Civil Engineering & Consultants |           |
| PROJECT SURVEYOR                                                                                                                                                                               |           |
| NORTH CAROLINA<br>PROFESSIONAL<br>SEAL<br>L-3281<br>ANDREW HEATH, JR.                                                                                                                          |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                                                                                                                               |           |

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Witness my original signature, registration number and seal this day, 8/17/2021

DocuSigned by:  
C. Andrew Heath Jr.  
2CC014B3929747F  
Professional Land Surveyor

L-3281  
PLS \*

Seal

REVISIONS

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MATCHLINE B SEE INSET A THIS SHEET

NAD 83 /NA 2011

-SRI- POT Sta.10+00.00

BEGIN OVERLAY  
-SRI- POC Sta.10+75.00

+25.00  
29.98'  
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333

WILLIAM F. WRIGHT  
AND WIFE  
ANNE S. WRIGHT  
DB 950 PG 365

PHILLIP R. TAYLOR  
DB 956 PG 370

PC Sta.14+93.78

END OVERLAY  
BEGIN GRADE  
-SRI- POC Sta.15+00.00

NORTH RAFFORD  
FIRE DEPARTMENT, INC.  
DB 143 PG 28  
MB 3 SL 390

-SRI- PT Sta.15+06.29

FRANKLIN HINSON  
DB 966 PG 28  
DB 99 PG 581  
MB 3 SL 390

RALPH D. CURRIE  
AND WIFE  
BETTY H. CURRIE  
DB 145 PG 28

412C

MATCHLINE -SRI- STA.16+50.00 SEE SHEET 71

MATCHLINE A SEE SHEET 72

MATCHLINE B THIS SHEET

INSET A

I, C. ANDREW HEATH, JR., a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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Witness my original signature, registration number and seal this day, 8/17/2021

DocuSigned by:  
C. Andrew Heath Jr.  
2C0014B3920747E...  
Professional Land Surveyor

L-3281  
PLS \*

Seal

NOTES:

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2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM APRIL 2021 TO SEPTEMBER 2021 .

