SURVEY CONTROL SHEET

| W/ EXISTING | CENTERLINE | ALIGNMENTS | PRIOR | TO | CONSTRUCTION |
|-------------|-------------------|-------------------|--------------|----|---------------------|
| | | | | | |

| EL-REV | | | | | | | | | |
|-------------|---------------|----------------|-------------------|----------------|--------------------|----------------------|----------------|--------|--|
| POINT | N | F | BEARING | DIST | DELTA | D I | 1 | Т | R |
| PC | 685519.128 | 2097106.383 | | 2101 | | | | | |
| CURVE | | | N 47°51′Ø4.4" E | 409.08 | 00°25′06.0"(LT) | ØØ°Ø6′Ø8.1" | 409.08 | 204.54 | 56028.76 |
| PCC | 685793.642 | 2097409.675 | | | | | | | |
| CURVE | | | N 47°55′58.5" E | 205.49 | 00°34′54.1"(RT) | 00°16′59.1" | 205.49 | 102.75 | 20240.75 |
| PCC | 685931.323 | 2097562.225 | | | | | | | |
| CURVE | | | N 42°45′08.9" E | 109.19 | 10°56′33.6"(LT) | 10°00′22 . 3" | 109.36 | 54.85 | 572.60 |
| PCC | 686011.502 | 2097636.349 | | | | | | 10.10 | |
| CURVE | 000000 400 | 0007000 770 | N 22°50′41.5" E | 83.52 | 28°52′21.2"(LT) | 34°12′23.2" | 84.41 | 43.12 | 167.50 |
| PCC | 686Ø88.468 | 2097668.773 | L A GERGOVAE ALLE | 100.47 | 00044/51 78/1 7 | GE910/01 01 | 100 55 | 04.05 | 1100.00 |
| CURVE PT | 000017.440 | 2007000100 | N 05°02′05.0" E | 129.47 | 06°44′51.7"(LT) | Ø5°12′31.3" | 129.55 | 64.85 | 1100.00 |
| | 686217.440 | 2097680.135 | N. @1*20/20 2# E | F00.11 | | | | | 1 |
| LINE PC | C0C740 220 | 2007005 550 | N Ø1°39′39.2" E | 532.11 | | | | | <u> </u> |
| CURVE | 686749.329 | 2097695.558 | N 01°56′51.0" E | 200.10 | 00°34′23.6"(RT) | 00°17′11 . 3" | 200.10 | 100.05 | 20000.00 |
| PT | 686949.309 | 2097702.358 | | 200.10 | 1 00 34 23.6 (N1) | 1/ 11.5 | 200.10 | 100.03 | <u> </u> |
| LINE | | 2011/02:330 | N 02°14′02.8" E | 150.41 | 1 | | | | 1 |
| PC | 687099.602 | 2097708.221 | N 02 14 02.8 L | 170.41 | 1 | | | | <u> </u> |
| CURVE | 007077.002 | 2077700.221 | N Ø2°Ø8′14.4" E | 135.14 | 00°11′36.9"(LT) | ØØ°Ø8′35.7" | 135.14 | 67.57 | 40000.00 |
| PT | 687234.645 | 2097713.261 | IN BE BOTHER E | 10011 | DD 11 CC: / (E / | | 100111 | 07107 | |
| LINE | 0072018010 | LB // / IOILOI | N 02°02′25.9" E | 93.63 | i | | | | |
| I PC | 687328.216 | 2097716.595 | 1 32 32 23.7 2 | 70100 | İ | | | | |
| CURVE | | | N Ø2°11′53.9" E | 654.35 | ØØ°18′55.9"(RT) | 00°02′53 . 6" | 654.35 | 327.18 | 118827.15 |
| PCC | 687982.086 | 2097741.694 | T | | | | | | |
| CURVE | | | N Ø2°13′24.4" E | 389.18 | 00°15′54.8"(LT) | 00°04′05.3" | 389.18 | 194.59 | 84073.89 |
| PCC | 688370.978 | 2097756.793 | | | | | | | |
| CURVE | | | N Ø2°31′35.3" E | 62 . 73 | ØØ°52′16.7"(RT) | Ø1°23′20 . 4" | 62 . 73 | 31.37 | 4125.00 |
| PCC | 688433.646 | 2097759.559 | | | | | | | |
| CURVE | | | N Ø9°36′Ø1.2" E | 637.54 | 13°16′17.5"(RT) | 02°04′37.3" | 638.96 | 320.92 | 2758.53 |
| PCC | 689062.254 | 2097865.883 | | | | | | | |
| CURVE | 1 200 400 465 | 0.707000 7.55 | N 16°08′06.9" E | 420.43 | 00°12′23.5"(LT) | 00°02′56 . 8" | 420.43 | 210.22 | 116644.94 |
| PT | 689466.123 | 2097982.723 | | | | | | | |

| EY1 | | | | | | | | | |
|-------|------------|-------------|-----------------|-----------------|-----------------|-------------|--------|--------|----------|
| POINT | N | Е | BEARING | DIST | DELTA | D | L | Т | R |
| PC | 684612.052 | 2098318.639 | | | | | | | |
| CURVE | | | N 25°Ø9′57.8" W | 587 . 59 | 01°23′50.2"(RT) | 00°14′16.1" | 587.61 | 293.82 | 24094.90 |
| PT | 685143.869 | 2098068.769 | | | | | | | |
| LINE | | | N 24°28′Ø2.7" W | 317.06 | | | | | |
| PC | 685432.459 | 2097937.450 | | | | | | | |
| CURVE | | | N 24°11′30.6" W | 679.24 | 00°33′04.2"(RT) | 00°04′52.1" | 679.24 | 339.62 | 70610.94 |
| l PT | 686052.044 | 2097659.103 | | | | | | | |

| EY2 | | | | |
|-------|---------------------|-------------|-----------------|--------|
| POINT | Ν | LJ | BEARING | DIST |
| POT | 686879 . 523 | 2097234.959 | | |
| LINE | | | N 89°59′Ø2.3" E | 464.80 |
| POT | 686879.653 | 2097699.762 | | |

| EY3-REV | | | | | | | | | |
|---------|------------|-------------|-----------------|--------|-----------------|----------------------|--------|-------|--------|
| POINT | N | E | BEARING | DIST | DELTA | D | L | T | R |
| PC | 689463.536 | 2097627.918 | | | | | | | |
| CURVE | | | S 74°35′28.8" E | 97.80 | 63°12′1Ø.1"(RT) | 61°23′53 . 1" | 102.94 | 57.41 | 93.32 |
| PT | 689437.550 | 2097722.202 | | | | | | | |
| LINE | | | S 42°59′23.8" E | 63.31 | | | | | |
| PC | 689391.242 | 2097765.370 | | | | | | | |
| CURVE | | | S 55°24′Ø5.8" E | 83.28 | 24°49′23.9"(LT) | 29°34′28 . 3" | 83.93 | 42.64 | 193.73 |
| ļ PT | 689343.954 | 2097833.922 | | | | | | | |
| LINE | | | S 67°48′47.8" E | 109.78 | | | | | |
| L POT | 689302.497 | 2097935.576 | | | | | | | |

PROJECT REFERENCE NO.

HL-00081 RW02C-3 Location and Surveys

SHEET NO.

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PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, C. ANDREW HEATH, JR., PLS, 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 JANUARY 2022 to NOVEMBER 2022 and again in DECEMBER 2024, 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 10th day of January, 2025: C. Andrew Heath Ir.

Professional Land Surveyor L-3281

REVISION 11/30/2022 - Extended EY1. REVISION 1/10/2025 - Added EL-REV and EY3-REV

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.