

PROPOSED ALIGNMENT CONTROL SHEET

| Y5       |       | N          | E           | BEARING         | DIST   | DELTA           | D           | L      | T     | R       |
|----------|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|-------|---------|
| STATION  | POINT |            |             |                 |        |                 |             |        |       |         |
| 10+00.00 | POT   | 841733.376 | 1700010.977 |                 | 473.22 |                 |             |        |       |         |
|          | LINE  |            |             | N 66°00'26.3" E |        |                 |             |        |       |         |
| 14+73.22 | PC    | 841925.798 | 1700443.312 | N 79°13'54.6" E | 183.01 | 26°26'56.5"(RT) | 14°19'26.2" | 184.65 | 94.00 | 400.00  |
| 16+57.87 | CURVE |            |             |                 |        |                 |             |        |       |         |
|          | PT    | 841959.991 | 1700623.103 | S 87°32'37.1" E | 73.31  |                 |             |        |       |         |
|          | LINE  |            |             |                 |        |                 |             |        |       |         |
| 17+31.18 | PC    | 841956.850 | 1700696.341 | S 85°21'20.3" E | 76.36  | 04°22'33.7"(RT) | 05°43'46.5" | 76.38  | 38.21 | 1000.00 |
| 18+07.55 | CURVE |            |             |                 |        |                 |             |        |       |         |
|          | PT    | 841950.667 | 1700772.448 | S 83°10'03.4" E | 53.31  |                 |             |        |       |         |
|          | LINE  |            |             |                 |        |                 |             |        |       |         |
| 18+60.86 | PC    | 841944.325 | 1700825.377 | S 80°33'08.1" E | 91.26  | 05°13'50.7"(RT) | 05°43'46.5" | 91.29  | 45.68 | 1000.00 |
| 19+52.15 | CURVE |            |             |                 |        |                 |             |        |       |         |
|          | PT    | 841929.345 | 1700915.401 | S 77°56'12.8" E | 27.14  |                 |             |        |       |         |
|          | LINE  |            |             |                 |        |                 |             |        |       |         |
| 19+79.30 | POT   | 841923.672 | 1700941.944 |                 |        |                 |             |        |       |         |

| Y6       |       | N          | E           | BEARING         | DIST   | DELTA           | D           | L     | T     | R      |
|----------|-------|------------|-------------|-----------------|--------|-----------------|-------------|-------|-------|--------|
| STATION  | POINT |            |             |                 |        |                 |             |       |       |        |
| 10+00.00 | POT   | 842875.834 | 1701113.281 |                 |        |                 |             |       |       |        |
|          | LINE  |            |             | S 71°30'53.5" E | 344.34 |                 |             |       |       |        |
| 13+44.34 | PC    | 842766.658 | 1701439.855 | S 68°39'18.1" E | 59.87  | 05°43'10.8"(RT) | 09°32'57.5" | 59.90 | 29.97 | 600.00 |
| 14+04.24 | CURVE |            |             |                 |        |                 |             |       |       |        |
|          | PT    | 842744.866 | 1701495.619 | S 65°47'42.7" E | 50.06  |                 |             |       |       |        |
|          | LINE  |            |             |                 |        |                 |             |       |       |        |
| 14+54.30 | POT   | 842724.341 | 1701541.280 |                 |        |                 |             |       |       |        |

| Y7       |       | N          | E           | BEARING         | DIST   | DELTA           | D           | L     | T     | R      |
|----------|-------|------------|-------------|-----------------|--------|-----------------|-------------|-------|-------|--------|
| STATION  | POINT |            |             |                 |        |                 |             |       |       |        |
| 10+00.00 | POT   | 843560.680 | 1701600.996 |                 |        |                 |             |       |       |        |
|          | LINE  |            |             | S 56°09'31.6" E | 216.14 |                 |             |       |       |        |
| 12+16.14 | PC    | 843440.312 | 1701780.519 | S 61°46'50.1" E | 58.78  | 11°14'36.9"(LT) | 19°05'54.9" | 58.87 | 29.53 | 300.00 |
| 12+75.01 | CURVE |            |             |                 |        |                 |             |       |       |        |
|          | PT    | 843412.520 | 1701832.310 | S 67°24'08.6" E | 45.81  |                 |             |       |       |        |
|          | LINE  |            |             |                 |        |                 |             |       |       |        |
| 13+20.82 | POT   | 843394.918 | 1701874.600 |                 |        |                 |             |       |       |        |

| Y8       |       | N          | E           | BEARING         | DIST   | DELTA           | D           | L       | T      | R       |
|----------|-------|------------|-------------|-----------------|--------|-----------------|-------------|---------|--------|---------|
| STATION  | POINT |            |             |                 |        |                 |             |         |        |         |
| 10+00.00 | POT   | 843394.918 | 1701874.600 |                 |        |                 |             |         |        |         |
|          | LINE  |            |             | S 67°24'08.6" E | 262.58 |                 |             |         |        |         |
| 12+62.58 | PC    | 843294.021 | 1702117.018 | S 43°10'48.1" E | 984.67 | 48°26'40.9"(RT) | 04°46'28.7" | 1014.62 | 539.86 | 1200.00 |
| 22+77.20 | CURVE |            |             |                 |        |                 |             |         |        |         |
|          | PT    | 842575.993 | 1702790.820 | S 18°57'27.6" E | 203.59 |                 |             |         |        |         |
|          | LINE  |            |             |                 |        |                 |             |         |        |         |
| 24+80.79 | POT   | 842383.447 | 1702856.960 |                 |        |                 |             |         |        |         |

| Y9       |       | N          | E           | BEARING         | DIST   | DELTA           | D           | L      | T      | R      |
|----------|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|--------|
| STATION  | POINT |            |             |                 |        |                 |             |        |        |        |
| 10+00.00 | POT   | 844821.370 | 1701989.152 |                 |        |                 |             |        |        |        |
|          | LINE  |            |             | N 49°44'34.7" E | 18.54  |                 |             |        |        |        |
| 10+18.54 | PC    | 844833.352 | 1702003.302 | N 81°21'56.2" E | 314.59 | 63°14'43.0"(RT) | 19°05'54.9" | 331.15 | 184.72 | 300.00 |
| 13+49.69 | CURVE |            |             |                 |        |                 |             |        |        |        |
|          | PT    | 844880.582 | 1702314.330 | S 67°00'42.3" E | 180.07 |                 |             |        |        |        |
|          | LINE  |            |             |                 |        |                 |             |        |        |        |
| 15+29.76 | POT   | 844810.259 | 1702480.096 |                 |        |                 |             |        |        |        |

| Y10      |       | N          | E           | BEARING         | DIST   | DELTA           | D           | L      | T      | R      |
|----------|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|--------|
| STATION  | POINT |            |             |                 |        |                 |             |        |        |        |
| 10+00.00 | POT   | 845995.639 | 1702499.288 |                 |        |                 |             |        |        |        |
|          | LINE  |            |             | S 89°08'16.1" E | 226.62 |                 |             |        |        |        |
| 12+26.62 | PC    | 845992.229 | 1702725.881 | S 76°23'43.9" E | 220.57 | 25°29'04.3"(RT) | 11°27'33.0" | 222.39 | 113.07 | 500.00 |
| 14+49.01 | CURVE |            |             |                 |        |                 |             |        |        |        |
|          | PT    | 845940.348 | 1702940.258 | S 63°39'11.8" E | 103.40 |                 |             |        |        |        |
|          | LINE  |            |             |                 |        |                 |             |        |        |        |
| 15+52.42 | POT   | 845894.457 | 1703032.920 |                 |        |                 |             |        |        |        |

| Y11      |       | N          | E           | BEARING         | DIST   | DELTA           | D           | L      | T      | R      |
|----------|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|--------|
| STATION  | POINT |            |             |                 |        |                 |             |        |        |        |
| 10+00.00 | POT   | 846627.324 | 1703915.122 |                 |        |                 |             |        |        |        |
|          | LINE  |            |             | N 35°11'41.0" W | 31.10  |                 |             |        |        |        |
| 10+31.10 | PC    | 846652.739 | 1703897.197 | N 15°50'25.3" W | 497.11 | 38°42'31.4"(RT) | 07°38'22.0" | 506.70 | 263.45 | 750.00 |
| 15+37.80 | CURVE |            |             |                 |        |                 |             |        |        |        |
|          | PT    | 847130.976 | 1703761.506 | N 03°30'50.5" E | 145.79 |                 |             |        |        |        |
|          | LINE  |            |             |                 |        |                 |             |        |        |        |
| 16+83.58 | POT   | 847276.489 | 1703770.442 |                 |        |                 |             |        |        |        |

| Y12      |       | N          | E           | BEARING         | DIST   | DELTA           | D           | L     | T     | R      |
|----------|-------|------------|-------------|-----------------|--------|-----------------|-------------|-------|-------|--------|
| STATION  | POINT |            |             |                 |        |                 |             |       |       |        |
| 10+00.00 | POT   | 846256.994 | 1704537.427 |                 |        |                 |             |       |       |        |
|          | LINE  |            |             | N 01°41'14.0" E | 601.63 |                 |             |       |       |        |
| 16+01.63 | PC    | 846858.360 | 1704555.141 | N 02°09'09.4" W | 66.97  | 07°40'46.9"(LT) | 11°27'33.0" | 67.02 | 33.56 | 500.00 |
| 16+68.65 | CURVE |            |             |                 |        |                 |             |       |       |        |
|          | PT    | 846925.281 | 1704552.625 | N 05°59'32.9" W | 51.05  |                 |             |       |       |        |
|          | LINE  |            |             |                 |        |                 |             |       |       |        |
| 17+19.70 | POT   | 846976.056 | 1704547.295 |                 |        |                 |             |       |       |        |

NOTES:

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

PROJECT REFERENCE NO.

U-4758

SHEET NO.

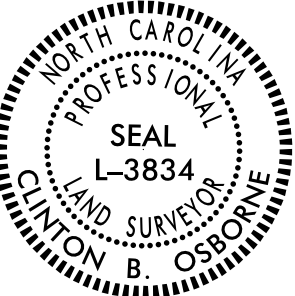
RW02D-2

Location and Surveys

 **Stantec**

ONE WEST FOURTH ST., SUITE 820  
WINSTON SALEM, N.C. 27101  
LICENSE NO.: F-0672  
www.stantec.com

PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

I, Clinton B. Osborne, PLS, certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

This 2nd day of September, 2024.

DocuSigned by:  
*Clinton B. Osborne*  
SAFEB000F04400

Professional Land Surveyor L-3834