

PROPOSED ALIGNMENT CONTROL SHEET

| DWAY6    |       | N          | E           | BEARING         | DIST  | DELTA           | D           | L    | T    | R      |
|----------|-------|------------|-------------|-----------------|-------|-----------------|-------------|------|------|--------|
| STATION  | POINT |            |             |                 |       |                 |             |      |      |        |
| 10+00.00 | POT   | 840230.952 | 1700835.594 |                 |       |                 |             |      |      |        |
|          | LINE  |            |             | S 78°02'57.8" W | 58.17 |                 |             |      |      |        |
| 10+58.17 | PC    | 840218.907 | 1700778.684 |                 |       |                 |             |      |      |        |
|          | CURVE |            |             | S 79°54'08.0" W | 6.47  | 03°42'20.3"(RT) | 57°17'44.8" | 6.47 | 3.23 | 100.00 |
| 10+64.64 | PT    | 840217.773 | 1700772.318 |                 |       |                 |             |      |      |        |
|          | LINE  |            |             | S 81°45'18.1" W | 21.64 |                 |             |      |      |        |
| 10+86.27 | POT   | 840214.670 | 1700750.906 |                 |       |                 |             |      |      |        |

| DWAY7    |       | N          | E           | BEARING         | DIST  | DELTA           | D            | L    | T    | R     |
|----------|-------|------------|-------------|-----------------|-------|-----------------|--------------|------|------|-------|
| STATION  | POINT |            |             |                 |       |                 |              |      |      |       |
| 10+00.00 | POT   | 846435.356 | 1703674.274 |                 |       |                 |              |      |      |       |
|          | LINE  |            |             | S 38°33'24.0" E | 50.86 |                 |              |      |      |       |
| 10+50.86 | PC    | 846395.586 | 1703705.973 |                 |       |                 |              |      |      |       |
|          | CURVE |            |             | S 33°55'51.7" E | 8.06  | 09°15'04.5"(RT) | 114°35'29.6" | 8.07 | 4.05 | 50.00 |
| 10+58.93 | PT    | 846388.895 | 1703710.474 |                 |       |                 |              |      |      |       |
|          | LINE  |            |             | S 29°18'19.5" E | 61.95 |                 |              |      |      |       |
| 11+20.88 | POT   | 846334.876 | 1703740.795 |                 |       |                 |              |      |      |       |

| DWAY8    |       | N          | E           | BEARING         | DIST  | DELTA           | D           | L     | T    | R     |
|----------|-------|------------|-------------|-----------------|-------|-----------------|-------------|-------|------|-------|
| STATION  | POINT |            |             |                 |       |                 |             |       |      |       |
| 10+00.00 | POT   | 847271.082 | 1705182.588 |                 |       |                 |             |       |      |       |
|          | LINE  |            |             | N 40°19'31.6" W | 57.48 |                 |             |       |      |       |
| 10+57.48 | PC    | 847314.902 | 1705145.392 |                 |       |                 |             |       |      |       |
|          | CURVE |            |             | N 66°37'36.4" W | 13.29 | 52°36'09.5"(LT) | 21°58'18.7" | 13.77 | 7.41 | 15.00 |
| 10+71.25 | PT    | 847320.175 | 1705133.190 |                 |       |                 |             |       |      |       |
|          | LINE  |            |             | S 87°04'18.9" W | 44.91 |                 |             |       |      |       |
| 11+16.16 | POT   | 847317.881 | 1705088.340 |                 |       |                 |             |       |      |       |

| DWAY9    |       | N          | E           | BEARING         | DIST   |
|----------|-------|------------|-------------|-----------------|--------|
| STATION  | POINT |            |             |                 |        |
| 10+00.00 | POT   | 849248.247 | 1706640.960 |                 |        |
|          | LINE  |            |             | S 61°25'33.1" E | 104.95 |
| 11+04.95 | POT   | 849198.047 | 1706733.131 |                 |        |

| DWAY24   |       | N          | E           | BEARING         | DIST   | DELTA           | D           | L      | T      | R       |
|----------|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|---------|
| STATION  | POINT |            |             |                 |        |                 |             |        |        |         |
| 10+00.00 | POT   | 852355.246 | 1708169.182 |                 |        |                 |             |        |        |         |
|          | LINE  |            |             | S 24°05'53.2" W | 166.88 |                 |             |        |        |         |
| 11+66.88 | PC    | 852202.909 | 1708101.045 |                 |        |                 |             |        |        |         |
|          | CURVE |            |             | S 13°34'44.4" W | 365.13 | 21°02'17.5"(LT) | 05°43'46.5" | 367.19 | 185.68 | 1000.00 |
| 15+34.07 | PT    | 851847.989 | 1708015.318 |                 |        |                 |             |        |        |         |
|          | LINE  |            |             | S 03°03'35.7" W | 187.59 |                 |             |        |        |         |
| 17+21.66 | POT   | 851660.663 | 1708005.304 |                 |        |                 |             |        |        |         |

| DWAY10   |       | N          | E           | BEARING         | DIST  | DELTA           | D            | L     | T    | R     |
|----------|-------|------------|-------------|-----------------|-------|-----------------|--------------|-------|------|-------|
| STATION  | POINT |            |             |                 |       |                 |              |       |      |       |
| 10+00.00 | POT   | 849532.984 | 1706795.896 |                 |       |                 |              |       |      |       |
|          | LINE  |            |             | S 62°07'00.3" E | 56.52 |                 |              |       |      |       |
| 10+56.52 | PC    | 849506.552 | 1706845.855 |                 |       |                 |              |       |      |       |
|          | CURVE |            |             | S 77°28'33.0" E | 10.59 | 30°43'05.3"(LT) | 286°28'44.0" | 10.72 | 5.49 | 20.00 |
| 10+67.24 | PT    | 849504.254 | 1706856.197 |                 |       |                 |              |       |      |       |
|          | LINE  |            |             | N 87°09'54.4" E | 59.92 |                 |              |       |      |       |
| 11+27.17 | POT   | 849507.218 | 1706916.047 |                 |       |                 |              |       |      |       |

| DWAY12   |       | N          | E           | BEARING         | DIST  | DELTA           | D           | L    | T    | R     |
|----------|-------|------------|-------------|-----------------|-------|-----------------|-------------|------|------|-------|
| STATION  | POINT |            |             |                 |       |                 |             |      |      |       |
| 10+00.00 | POT   | 845525.258 | 1702793.922 |                 |       |                 |             |      |      |       |
|          | LINE  |            |             | S 65°30'48.0" E | 49.40 |                 |             |      |      |       |
| 10+49.40 | PC    | 845504.782 | 1702838.880 |                 |       |                 |             |      |      |       |
|          | CURVE |            |             | S 71°13'49.7" E | 4.58  | 17°34'09.8"(LT) | 21°58'18.7" | 4.60 | 2.32 | 15.00 |
| 10+54.00 | PT    | 845503.308 | 1702843.218 |                 |       |                 |             |      |      |       |
|          | LINE  |            |             | S 80°00'54.6" E | 40.30 |                 |             |      |      |       |
| 10+94.30 | POT   | 845496.320 | 1702882.908 |                 |       |                 |             |      |      |       |

| DWAY20   |       | N          | E           | BEARING         | DIST   | DELTA           | D           | L      | T     | R      |
|----------|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|-------|--------|
| STATION  | POINT |            |             |                 |        |                 |             |        |       |        |
| 10+00.00 | POT   | 852282.093 | 1705601.036 |                 |        |                 |             |        |       |        |
|          | LINE  |            |             | S 30°41'13.9" W | 146.40 |                 |             |        |       |        |
| 11+46.40 | PC    | 852156.197 | 1705526.322 |                 |        |                 |             |        |       |        |
|          | CURVE |            |             | S 62°02'58.1" W | 114.50 | 62°43'28.5"(RT) | 52°05'13.5" | 120.42 | 67.04 | 110.00 |
| 12+66.82 | PT    | 852102.530 | 1705425.179 |                 |        |                 |             |        |       |        |
|          | LINE  |            |             | N 86°35'17.6" W | 233.18 |                 |             |        |       |        |
| 15+00.00 | POT   | 852116.407 | 1705192.412 |                 |        |                 |             |        |       |        |

| DWAY22   |       | N          | E           | BEARING         | DIST   |
|----------|-------|------------|-------------|-----------------|--------|
| STATION  | POINT |            |             |                 |        |
| 10+00.00 | POT   | 853355.198 | 1705122.368 |                 |        |
|          | LINE  |            |             | S 39°50'43.3" W | 104.64 |
| 11+04.64 | POT   | 853274.859 | 1705055.325 |                 |        |

| RPB      |       | N          | E           | BEARING         | DIST   | DELTA           | D           | L      | T      | R       |
|----------|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|---------|
| STATION  | POINT |            |             |                 |        |                 |             |        |        |         |
| 10+00.00 | POT   | 854531.557 | 1703950.375 |                 |        |                 |             |        |        |         |
|          | LINE  |            |             | S 68°11'14.2" E | 394.26 |                 |             |        |        |         |
| 13+94.26 | PC    | 854385.059 | 1704316.410 |                 |        |                 |             |        |        |         |
|          | CURVE |            |             | S 57°29'00.3" E | 461.50 | 21°24'27.8"(RT) | 04°36'42.3" | 464.20 | 234.84 | 1242.39 |
| 18+58.46 | PT    | 854136.980 | 1704705.567 |                 |        |                 |             |        |        |         |
|          | LINE  |            |             | S 46°46'46.4" E | 604.03 |                 |             |        |        |         |
| 24+62.49 | PC    | 853723.339 | 1705145.735 |                 |        |                 |             |        |        |         |
|          | CURVE |            |             | S 52°15'51.1" E | 162.48 | 10°58'09.6"(LT) | 06°44'26.4" | 162.73 | 81.62  | 850.00  |
| 26+25.22 | PCC   | 853623.894 | 1705274.235 |                 |        |                 |             |        |        |         |
|          | CURVE |            |             | S 74°04'48.0" E | 337.43 | 32°39'44.2"(LT) | 09°32'57.5" | 342.04 | 175.81 | 600.00  |
| 29+67.26 | PT    | 853531.340 | 1705598.719 |                 |        |                 |             |        |        |         |
|          | LINE  |            |             | N 89°35'19.9" E | 42.27  |                 |             |        |        |         |
| 30+09.53 | POT   | 853531.644 | 1705640.988 |                 |        |                 |             |        |        |         |

| RPC      |       | N          | E           | BEARING         | DIST   | DELTA           | D           | L      | T      | R       |
|----------|-------|------------|-------------|-----------------|--------|-----------------|-------------|--------|--------|---------|
| STATION  | POINT |            |             |                 |        |                 |             |        |        |         |
| 10+00.00 | POT   | 853317.566 | 1706962.366 |                 |        |                 |             |        |        |         |
|          | LINE  |            |             | N 68°11'14.2" W | 410.00 |                 |             |        |        |         |
| 14+10.00 | PC    | 853469.910 | 1706581.724 |                 |        |                 |             |        |        |         |
|          | CURVE |            |             | N 76°38'10.0" W | 383.50 | 16°53'51.7"(LT) | 04°23'24.7" | 384.90 | 193.86 | 1305.09 |
| 17+94.89 | PCC   | 853558.551 | 1706208.605 |                 |        |                 |             |        |        |         |
|          | CURVE |            |             | S 89°57'35.3" W | 213.31 | 09°54'37.7"(LT) | 04°38'25.2" | 213.57 | 107.05 | 1234.74 |
| 20+08.47 | PT    | 853558.401 | 1705995.299 |                 |        |                 |             |        |        |         |
|          | LINE  |            |             | S 85°00'16.5" W | 355.19 |                 |             |        |        |         |
| 23+63.65 | POT   | 853527.473 | 1705641.460 |                 |        |                 |             |        |        |         |

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-6

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 14th day of August, 2025.

DocuSigned by:  
  
DATE OF SIGNATURE  
Professional Land Surveyor L-3834