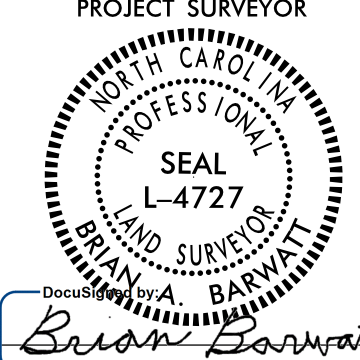


# SURVEY CONTROL SHEET

## W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

|                                                                                     |           |
|-------------------------------------------------------------------------------------|-----------|
| PROJECT REFERENCE NO.                                                               | SHEET NO. |
| U-5839                                                                              | RW02C-8   |
| <b>Location and Surveys</b>                                                         |           |
| LOCATION AND SURVEYS, DIVISION 14<br>122 BONNIE LANE<br>SYLVA, NC 28779             |           |
|  |           |
| DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED                    |           |

| BL  | POINT | DESC. | NORTH       | EAST        | ELEVATION |
|-----|-------|-------|-------------|-------------|-----------|
| 102 |       | G102  | 658396.5890 | 814126.4260 | 2697.91   |
| 3   |       | BL-3  | 659127.3250 | 814015.3630 | 2657.83   |
| 4   |       | BL-4  | 659731.4750 | 814225.7210 | 2657.86   |
| 5   |       | BL-5  | 660337.4990 | 813927.1910 | 2627.75   |
| 6   |       | BL-6  | 660637.0760 | 813635.3310 | 2625.57   |
| 7   |       | BL-7  | 661447.0000 | 813162.2310 | 2649.64   |
| 8   |       | BL-8  | 661858.5950 | 812799.2390 | 2671.51   |
| 103 |       | G103  | 662182.2500 | 812675.3740 | 2671.53   |
| 104 |       | G104  | 662676.1110 | 812248.4200 | 2695.24   |
| 9   |       | BL-9  | 663129.8150 | 812103.3120 | 2724.07   |
| 10  |       | BL-10 | 663634.0470 | 811941.2440 | 2734.37   |
| 11  |       | BL-11 | 664404.5140 | 812048.5640 | 2702.30   |
| 105 |       | G105  | 665253.1820 | 812764.9730 | 2669.61   |
| 106 |       | G106  | 665649.0260 | 813164.4950 | 2670.61   |

| BY1   | POINT | DESC.  | NORTH       | EAST        | ELEVATION |
|-------|-------|--------|-------------|-------------|-----------|
| 12    |       | BY1-12 | 658122.3280 | 813652.1340 | 2716.26   |
| EQ102 |       | G102   | 658396.5890 | 814126.4260 | 2697.91   |
| 101   |       | G101   | 658367.8250 | 814621.1980 | 2656.37   |

| BY2 | POINT | DESC.  | NORTH       | EAST        | ELEVATION |
|-----|-------|--------|-------------|-------------|-----------|
| EQ3 |       | BL-3   | 659127.3250 | 814015.3630 | 2657.83   |
| 13  |       | BY2-13 | 659005.0600 | 813962.4260 | 2657.71   |
| 14  |       | BY2-14 | 658843.9260 | 814388.6070 | 2669.18   |
| 15  |       | BY2-15 | 658769.2210 | 814682.9290 | 2658.62   |

| BY2A | POINT | DESC.   | NORTH       | EAST        | ELEVATION |
|------|-------|---------|-------------|-------------|-----------|
| 16   |       | BY2A-16 | 659086.7370 | 813464.3270 | 2630.69   |
| EQ13 |       | BY2-13  | 659005.0600 | 813962.4260 | 2657.71   |

| BY3     | POINT | DESC.  | NORTH       | EAST        | ELEVATION |
|---------|-------|--------|-------------|-------------|-----------|
| 17      |       | BY3-17 | 658646.1460 | 813572.3510 | 2653.41   |
| EQBY313 |       | BY2-13 | 659005.0600 | 813962.4260 | 2657.71   |

| BY4    | POINT | DESC.  | NORTH       | EAST        | ELEVATION |
|--------|-------|--------|-------------|-------------|-----------|
| EQBY43 |       | BL-3   | 659127.3250 | 814015.3630 | 2657.83   |
| 18     |       | BY4-18 | 659290.4030 | 814055.7990 | 2656.12   |
| 19     |       | BY4-19 | 659208.6520 | 814776.9240 | 2655.56   |

| BY5 | POINT | DESC.  | NORTH       | EAST        | ELEVATION |
|-----|-------|--------|-------------|-------------|-----------|
| EQ4 |       | BL-4   | 659731.4750 | 814225.7210 | 2657.86   |
| 20  |       | BY5-20 | 659792.8560 | 814571.6290 | 2649.37   |
| 21  |       | BY5-21 | 659746.1490 | 814894.3940 | 2642.58   |

| BY7 | POINT | DESC.    | NORTH       | EAST        | ELEVATION |
|-----|-------|----------|-------------|-------------|-----------|
| 23  |       | BY7/9-23 | 660775.0180 | 813098.6130 | 2639.34   |
| 22  |       | BY7-22   | 660643.7330 | 813401.4630 | 2623.93   |
| EQ6 |       | BL-6     | 660637.0760 | 813635.3310 | 2625.57   |

| BY8    | POINT | DESC.  | NORTH       | EAST        | ELEVATION |
|--------|-------|--------|-------------|-------------|-----------|
| EQBY86 |       | BL-6   | 660637.0760 | 813635.3310 | 2625.57   |
| 24     |       | BY8-24 | 660784.4980 | 813661.0820 | 2623.17   |
| 25     |       | BY8-25 | 660710.0300 | 813927.0860 | 2620.35   |

| BY9  | POINT | DESC.    | NORTH       | EAST        | ELEVATION |
|------|-------|----------|-------------|-------------|-----------|
| EQ23 |       | BY7/9-23 | 660775.0180 | 813098.6130 | 2639.34   |
| EQ7  |       | BL-7     | 661447.0000 | 813162.2310 | 2649.64   |

| BY10    | POINT | DESC.   | NORTH       | EAST        | ELEVATION |
|---------|-------|---------|-------------|-------------|-----------|
| EQBY107 |       | BL-7    | 661447.0000 | 813162.2310 | 2649.64   |
| 26      |       | BY10-26 | 661652.2300 | 813548.7090 | 2632.76   |

| BY11    | POINT | DESC.      | NORTH       | EAST        | ELEVATION |
|---------|-------|------------|-------------|-------------|-----------|
| 28      |       | BY11-28    | 661477.8590 | 812809.8060 | 2684.39   |
| 27      |       | BY11/12-27 | 661641.0590 | 813027.1520 | 2662.97   |
| EQBY117 |       | BL-7       | 661447.0000 | 813162.2310 | 2649.64   |

| BY12 | POINT | DESC.      | NORTH       | EAST        | ELEVATION |
|------|-------|------------|-------------|-------------|-----------|
| 29   |       | BY12-29    | 661648.1490 | 812709.2940 | 2710.89   |
| 30   |       | BY12-30    | 661698.8300 | 812873.3780 | 2683.24   |
| EQ27 |       | BY11/12-27 | 661641.0590 | 813027.1520 | 2662.97   |

| BY13 | POINT | DESC.   | NORTH       | EAST        | ELEVATION |
|------|-------|---------|-------------|-------------|-----------|
| EQ8  |       | BL-8    | 661858.5950 | 812799.2390 | 2671.51   |
| 31   |       | BY13-31 | 662075.1140 | 813141.6490 | 2686.65   |

| BY14 | POINT | DESC.   | NORTH       | EAST        | ELEVATION |
|------|-------|---------|-------------|-------------|-----------|
| 32   |       | BY14-32 | 662346.2010 | 812205.6040 | 2679.98   |
| EQ33 |       | BY15-33 | 662696.9910 | 812365.8760 | 2686.91   |

| BY15  | POINT | DESC.   | NORTH       | EAST        | ELEVATION |
|-------|-------|---------|-------------|-------------|-----------|
| EQ104 |       | G104    | 662676.1110 | 812248.4200 | 2695.24   |
| 33    |       | BY15-33 | 662696.9910 | 812365.8760 | 2686.91   |
| 34    |       | BY15-34 | 663072.6920 | 812461.9340 | 2699.51   |

| BY16 | POINT | DESC.   | NORTH       | EAST        | ELEVATION |
|------|-------|---------|-------------|-------------|-----------|
| 36   |       | BY16-36 | 663378.7710 | 811435.5090 | 2749.88   |
| 35   |       | BY16-35 | 663833.2360 | 811950.9270 | 2724.13   |
| EQ10 |       | BL-10   | 663634.0470 | 811941.2440 | 2734.37   |

|                          |
|--------------------------|
| .....                    |
| BM1 ELEVATION = 2716.06  |
| N 658137 E 813623        |
| BM1-CHISELEDX            |
| .....                    |
| .....                    |
| BM2 ELEVATION = 2633.34  |
| N 659132 E 813457        |
| BM2-CHISELEDX            |
| .....                    |
| .....                    |
| BM3 ELEVATION = 2656.64  |
| N 659469 E 814175        |
| BM3-CHISELEDX            |
| .....                    |
| .....                    |
| BM4 ELEVATION = 2642.04  |
| N 659831 E 814943        |
| BM4-CHISELEDX            |
| .....                    |
| .....                    |
| BM5 ELEVATION = 2636.78  |
| N 660190 E 813914        |
| BM5-CHISELEDX            |
| .....                    |
| .....                    |
| BM6 ELEVATION = 2632.75  |
| N 661216 E 813406        |
| BM6-CHISELEDX            |
| .....                    |
| .....                    |
| BM7 ELEVATION = 2644.98  |
| N 660695 E 812984        |
| BM7-CHISELEDX            |
| .....                    |
| .....                    |
| BM8 ELEVATION = 2675.31  |
| N 662001 E 812879        |
| BM8-CHISELEDX            |
| .....                    |
| .....                    |
| BM9 ELEVATION = 2685.55  |
| N 662334 E 812076        |
| BM9-CHISELEDX            |
| .....                    |
| .....                    |
| BM10 ELEVATION = 2716.50 |
| N 662841 E 812091        |
| BM10-CHISELEDX           |
| .....                    |
| .....                    |
| BM11 ELEVATION = 2758.55 |
| N 663280 E 811353        |
| BM11-RRSPIKE28" TREE     |
| .....                    |
| .....                    |
| BM12 ELEVATION = 2716.82 |
| N 664098 E 811942        |
| BM12-CHISELEDX           |
| .....                    |
| .....                    |
| BM13 ELEVATION = 2656.65 |
| N 658796 E 814715        |
| BM13-RRSPIKE             |
| .....                    |
| .....                    |
| BM14 ELEVATION = 2629.39 |
| N 660722 E 813553        |
| BM14-CHISELEDX           |
| .....                    |

### NOTES:

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

REVISIONS