

|    |                                                                                                   |
|----|---------------------------------------------------------------------------------------------------|
| 1  | INSTALL COAX CABLE                                                                                |
| 2  | INSTALL ETHERNET CABLE                                                                            |
| 3  | INSTALL 3-WIRE COPPER FEEDER CONDUCTORS                                                           |
| 4  | INSTALL SMFO CABLE                                                                                |
| 5  | EXISTING SMFO CABLE                                                                               |
| 6  | INSTALL FIBER OPTIC DROP CABLE                                                                    |
| 7  | INSTALL TRACER WIRE                                                                               |
| 8  | TRENCH                                                                                            |
| 9  | INSTALL PVC CONDUIT                                                                               |
| 10 | INSTALL RIGID, GALVANIZED STEEL CONDUIT                                                           |
| 11 | INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD                                            |
| 12 | INSTALL RIGID, GALVANIZED STEEL RISER WITH FIBER OPTIC CABLE SEAL                                 |
| 13 | INSTALL OUTER-DUCT POLYETHYLENE CONDUIT                                                           |
| 14 | INSTALL POLYETHYLENE CONDUIT                                                                      |
| 15 | DIRECTIONAL DRILL CONDUIT                                                                         |
| 16 | BORE AND JACK CONDUIT                                                                             |
| 17 | INSTALL CABLE(S) IN EXISTING CONDUIT                                                              |
| 18 | INSTALL CABLE(S) IN NEW CONDUIT                                                                   |
| 19 | INSTALL CABLE(S) IN EXISTING RISER                                                                |
| 20 | INSTALL CABLE(S) IN NEW RISER                                                                     |
| 21 | INSTALL CABLE(S) IN EXISTING CONDUIT STUB-OUTS                                                    |
| 22 | INSTALL NEW CONDUIT INTO EXISTING CABINET BASE<br>(USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE) |
| 23 | INSTALL NEW RISER INTO EXISTING CABINET BASE<br>(USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)   |
| 24 | INSTALL NEW CONDUIT INTO NEW POLE MOUNTED CABINET                                                 |
| 25 | INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET                                              |
| 26 | INSTALL NEW ETHERNET EDGE SWITCH                                                                  |
| 27 | INSTALL NEW FIBER OPTIC TRANSCEIVER                                                               |
| 28 | INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS<br>AND FUSION SPLICE CABLE IN CABINET           |
| 29 | INSTALL UNDERGROUND SPLICE ENCLOSURE                                                              |
| 30 | INSTALL AERIAL SPLICE ENCLOSURE                                                                   |
| 31 | MODIFY EXISTING INTERCONNECT CENTER /SPLICE ENCLOSURE                                             |
| 32 | INSTALL POLE MOUNTED SPLICE CABINET                                                               |
| 33 | INSTALL BASE MOUNTED SPLICE CABINET                                                               |

|     |                                                                      |
|-----|----------------------------------------------------------------------|
| 34  | INSTALL CABINET FOUNDATION                                           |
| 35  | INSTALL CCTV CAMERA POLE MOUNTED CABINET                             |
| 36  | INSTALL CCTV CAMERA ASSEMBLY                                         |
| 37  | INSTALL CCTV CAMERA WOOD POLE                                        |
| 38  | INSTALL CCTV CAMERA METAL POLE AND FOUNDATION                        |
| 39  | INSTALL JUNCTION BOX                                                 |
| 40A | INSTALL OVERSIZED JUNCTION BOX                                       |
| 40B | INSTALL SPECIAL OVERSIZED JUNCTION BOX (36" x 24" x 24")             |
| 41  | REMOVE EXISTING JUNCTION BOX                                         |
| 42  | INSTALL WOOD POLE                                                    |
| 43  | REMOVE EXISTING WOOD POLE                                            |
| 44  | INSTALL AERIAL GUY ASSEMBLY                                          |
| 45  | INSTALL STANDARD GUY ASSEMBLY                                        |
| 46  | INSTALL SIDEWALK GUY ASSEMBLY                                        |
| 47  | INSTALL MESSENGER CABLE                                              |
| 48A | REMOVE EXISTING COMMUNICATIONS AND MESSENGER CABLE                   |
| 48B | REMOVE EXISTING COMMUNICATIONS CABLE                                 |
| 49  | BACK PULL EXISTING COMMUNICATIONS CABLE                              |
| 50  | INSTALL CELL MODEM AND ANTENNA                                       |
| 51  | INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF CABLE |
| 52  | INSTALL DELINEATOR MARKER                                            |
| 53A | STORE 20 FEET OF COMMUNICATIONS CABLE                                |
| 53B | STORE 50 FEET OF EACH COMMUNICATIONS CABLE                           |
| 53C | STORE 100 FEET OF EACH COMMUNICATIONS CABLE                          |
| 54  | LASH CABLE(S) TO EXISTING COMMUNICATIONS CABLE                       |
| 55  | LASH CABLE(S) TO EXISTING MESSENGER CABLE                            |
| 56  | LASH CABLE(S) TO NEW MESSENGER CABLE                                 |
| 57  | MODIFY EXISTING ELECTRICAL SERVICE                                   |
| 58  | INSTALL NEW ELECTRICAL SERVICE                                       |
| 59  | INSTALL NEW EQUIPMENT CABINET DISCONNECT                             |
| 60  | INSTALL NEW POLE MOUNTED CABINET                                     |
| 61  | BOND TRACER WIRE TO EQUIPMENT GROUND BUS                             |
| 62  | DO NOT BOND TRACER WIRE TO EQUIPMENT GROUND BUS                      |
| 63  | BOND RISER AND MESSENGER CABLE TO POLE GROUND                        |
| 64  | BOND RISER TO POLE GROUND                                            |
| 65  | BOND MESSENGER CABLE TO POLE GROUND                                  |
| 66  | INSTALL HEAT SHRINK TUBING RETROFIT KIT                              |
| 67  | INSTALL MOLDABLE DUCT SEAL                                           |
| 68  | SLACK SPAN                                                           |

| <b><u>LEGEND</u></b>                                                                |                                             |
|-------------------------------------------------------------------------------------|---------------------------------------------|
|    | NEW FIBER OPTIC COMMUNICATIONS CABLE        |
|   | EXISTING COMMUNICATIONS CABLE               |
|  | EXISTING COMMUNICATIONS CABLE TO BE REMOVED |
|  | NEW AERIAL GUY ASSEMBLY                     |
|  | NEW CONDUIT                                 |
|  | EXISTING CONDUIT                            |
|  | NEW DIRECTIONAL DRILLED CONDUIT             |

| NEW     |                                              | EXISTING |
|---------|----------------------------------------------|----------|
|         | OVERSIZED JUNCTION BOX                       |          |
|         | WOOD POLE                                    |          |
|         | AERIAL SPLICE ENCLOSURE                      |          |
|         | UNDERGROUND SPLICE ENCLOSURE                 |          |
|         | METAL POLE                                   |          |
|         | CCTV ASSEMBLY                                |          |
|         | STANDARD GUY ASSEMBLY                        |          |
|         | SIDEWALK GUY ASSEMBLY                        |          |
|         | CABLE STORAGE RACKS (SNOW SHOES)             |          |
|         | SIGNAL EQUIPMENT CABINET                     |          |
|         | SPLICE CABINET                               |          |
|         | ELECTRICAL SERVICE                           |          |
|         | FLAT PANEL ANTENNA (SINGLE)                  |          |
|         | YAGI ANTENNA (DOUBLE) FOR REPEATER OPERATION |          |
|         | YAGI ANTENNA (SINGLE)                        |          |
|         | OMNI ANTENNA                                 |          |
| SP      | SIGNAL POLE                                  | SP       |
| XX-XXXX | SIGNAL INVENTORY NUMBER                      | XX-XXXX  |

**CONSTRUCTION NOTE SYMBOLS KEY**

XX INDICATES NUMBER OF CABLES, LOOPS, ETC.

XX INDICATES NUMBER OF FIBERS PER CABLE, TWISTED PAIRS PER CABLE, ETC.

XX INDICATES NUMBER OF RISER(S) /CONDUIT(S)

XX INDICATES DIAMETER OF RISER(S)/CONDUIT(S) (INCH)

NUMBER OF CABLE(S)

NUMBER OF FIBER/TWISTED PAIRS

NEW/EXISTING CABLE

REMOVE/MODIFY CABLE

CONDUIT/RISER

NUMBER OF RISER(S)/CONDUIT(S)

DIAMETER OF RISER(S)/CONDUIT(S) (INCH)

**ATTACHMENT POINT:**

|                                 |                                                         |
|---------------------------------|---------------------------------------------------------|
| ' data-bbox="111 100 190 140"/> | DISTANCE ABOVE (IN)/ATTACHMENT POINT<br>REFERENCE POINT |
| ' data-bbox="111 140 190 180"/> | REFERENCE POINT<br>DISTANCE BELOW (IN)/ATTACHMENT POINT |

**"SS" REFERENCE LOCATION**

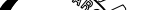
FS = FRONT SIDE OF POLE

BS = BACK SIDE OF POLE

**RK&K**  
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| <p style="text-align: center;"><i>Prepared for the Offices of:</i></p> <div style="text-align: center;">  </div> <p style="text-align: center;">750 N. Greenfield Physy., Garner, NC 27529</p>                                                                                                                                                                                                                                                      | <h2 style="margin: 0;">Construction Notes</h2>                                                                                                                                                                                                                                                      |  |             |             |             |                              |                            |  |                             |              |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|-------------|-------------|------------------------------|----------------------------|--|-----------------------------|--------------|--|
| <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; border: none;">DIVISION 05</td> <td style="width: 33%; border: none;">WAKE COUNTY</td> <td style="width: 33%; border: none;">WAKE FOREST</td> </tr> <tr> <td style="border: none;">PLAN DATE:   <b>MARCH 2025</b></td> <td style="border: none;">REVIEWED BY:   <b>DSEARS</b></td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">PREPARED BY:   <b>WPJONES</b></td> <td colspan="2" style="border: none;">REVIEWED BY:</td> </tr> </table> |                                                                                                                                                                                                                                                                                                     |                                                                                       | DIVISION 05 | WAKE COUNTY | WAKE FOREST | PLAN DATE: <b>MARCH 2025</b> | REVIEWED BY: <b>DSEARS</b> |  | PREPARED BY: <b>WPJONES</b> | REVIEWED BY: |  |
| DIVISION 05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | WAKE COUNTY                                                                                                                                                                                                                                                                                         | WAKE FOREST                                                                           |             |             |             |                              |                            |  |                             |              |  |
| PLAN DATE: <b>MARCH 2025</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | REVIEWED BY: <b>DSEARS</b>                                                                                                                                                                                                                                                                          |                                                                                       |             |             |             |                              |                            |  |                             |              |  |
| PREPARED BY: <b>WPJONES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | REVIEWED BY:                                                                                                                                                                                                                                                                                        |                                                                                       |             |             |             |                              |                            |  |                             |              |  |
| <p style="text-align: center;">SCALE</p> <div style="text-align: center;">  </div> <p style="text-align: center; font-weight: bold;">NTS</p>                                                                                                                                                                                                                                                                                                        | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">REVISIONS</th> <th style="width: 20%;">INIT.</th> <th style="width: 20%;">DATE</th> </tr> </thead> <tbody> <tr> <td style="height: 40px;"></td> <td></td> <td></td> </tr> </tbody> </table> |                                                                                       | REVISIONS   | INIT.       | DATE        |                              |                            |  |                             |              |  |
| REVISIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | INIT.                                                                                                                                                                                                                                                                                               | DATE                                                                                  |             |             |             |                              |                            |  |                             |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                     |                                                                                       |             |             |             |                              |                            |  |                             |              |  |
| <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 60%;"> <p style="margin: 0;">DocuSigned by:<br/><i>David T. Sears</i><br/>06013F20B2E41E</p> <p style="margin: 0;">SIGNATURE</p> </div> <div style="width: 35%; text-align: right;"> <p style="margin: 0; font-weight: bold;">3/3/2025</p> <p style="margin: 0;">DATE</p> </div> </div> <p style="margin-top: 5px;">CADD Filename:</p>                                                                                            |                                                                                                                                                                                                                                                                                                     |                                                                                       |             |             |             |                              |                            |  |                             |              |  |