

FIGURE 1 of 2

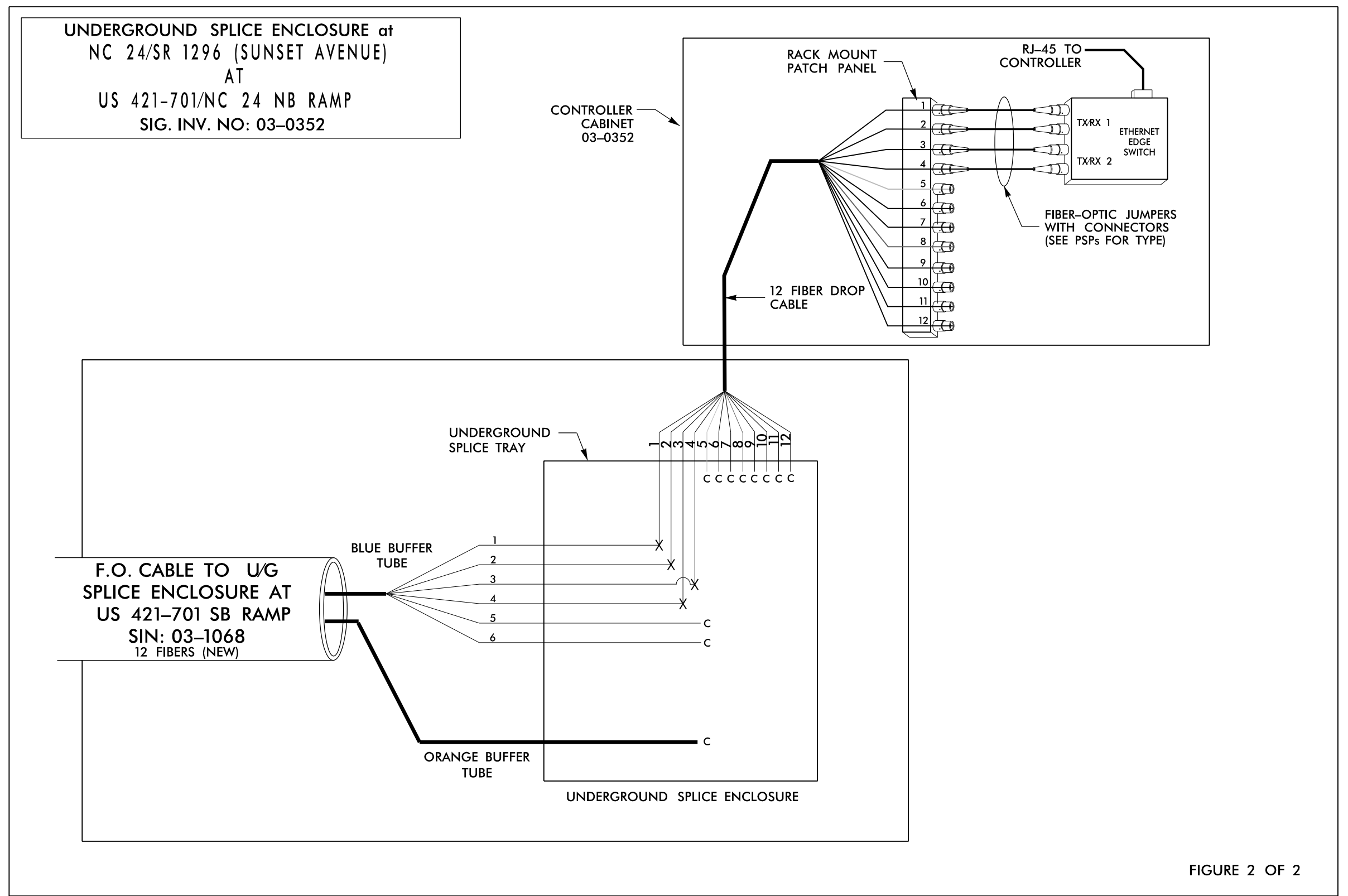


FIGURE 2 OF 2

1) FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE NCDOT-DIV. 03, DIV. TRAFFIC ENGINEER, JESSI LEONARD, PE, AT (910) 341-2200 TO ARRANGE FOR THE DIVISION TO PROGRAM THE NEW FIELD ETHERNET EDGE SWITCHES WITH THE NECESSARY NETWORK CONFIGURATION DATA, INCLUDING BUT NOT LIMITED TO: THE PROJECT IP ADDRESS, DEFAULT GATEWAY, SUBNET MASK AND VLAN ID INFORMATION. NOTIFY THE DIV. 03 TRAFFIC ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. WORK IS NOT COMPLETE UNTIL THE SIGNAL SYSTEM IS BACK UP AND OPERATIONAL.

2) CONTRACTOR TO RECORD EXISTING SPlice ARRANGEMENT FOR COMPARISON TO THE SUPPLIED SPlice DETAILS. IF DISCREPANCIES EXIST, CONTACT THE DIV. 03 TRAFFIC ENGINEER TO DETERMINE HOW TO PROCEED WITH RESPLICING. PROVIDE AS-BUILT PLANS TO THE ENGINEER IF FINAL SPlice ARRANGEMENT DIFFERS FROM THE SUPPLIED SPlice DETAILS.

3) ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING \ ENSURING PROPER TERMINATIONS.

4) INCLUDE ON THE COVER OF EACH SPlice TRAY THE FOLLOWING: REFERENCE SECTION 1731 "FIBER OPTIC SPlice ENCLOSURE"

- 1) SPlice LOCATION
- 2) DATE
- 3) COMPANY NAME
- 4) NAME OF INDIVIDUAL PERFORMING THE SPlicing

PRIOR TO INSTALLING THE COVER ON THE SPlice TRAY TAKE A DIGITAL PHOTOGRAPH SHOWING THE SPlice TRAY AND INFORMATION SHOWN ABOVE (1-4) AND SUBMIT PHOTOGRAPH ALONG WITH OTDR TEST RESULTS.

**LEGEND**

|                          |             |  |
|--------------------------|-------------|--|
| COLOR CODE TIA/EIA 598-B |             | X = FUSION SPlice INDIVIDUAL FIBER                                   |
| (1) BLUE                 | (7) RED     | C = CAP AND SEAL   |
| (2) ORANGE               | (8) BLACK   |  |
| (3) GREEN                | (9) YELLOW  | EXPRESS = EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING |
| (4) BROWN                | (10) VIOLET | BUFFER SPlice = SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR      |
| (5) SLATE                | (11) ROSE   |  |
| (6) WHITE                | (12) AQUA   |  |

**NOTES**

1. UNUSED FIBERS LEFT COILED AND STORED IN SPlice TRAY
2. UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPlice ENCLOSURE

SCP Upgrade - Final Signal Communication Plan

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

| <p>750 N. Greenfield Pkwy., Garner, NC 27529</p>  | <p>SPlice DETAILS</p> <p>R-2303E</p> <p>NC 24 (Sunset Avenue)</p>   |  |           |       |      |  |  |  |  |
|---|---|--|-----------|-------|------|--|--|--|--|
|   | <p>Division 3 Sampson County Clinton</p> <p>PLAN DATE: Sep 2019 REVIEWED BY: D.J. Darity</p> <p>PREPARED BY: D.J. Darity MAN PROJECT NO.: 8522-07</p> |  |           |       |      |  |  |  |  |
| <p>4700 FALLS OF NEUSE ROAD, SUITE 300<br/>RALEIGH, NORTH CAROLINA 27609<br/>(919) 781-4626 VOICE (919) 781-4869 FAX<br/>NCFE LICENSE NO. F-01015</p> | <p>SCALE</p> <p>0 N/A</p> <p>NONE</p>   | <table border="1"> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table> | REVISIONS | INIT. | DATE |  |  |  | <p>DocuSigned by:<br/><i>Don Darity</i><br/>9/12/2019<br/>88986A3841C6424</p> <p>CADD FILE NAME: R-2303E_SCP</p> |
| REVISIONS   | INIT.   | DATE   |           |       |      |  |  |  |  |
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