# NOTES
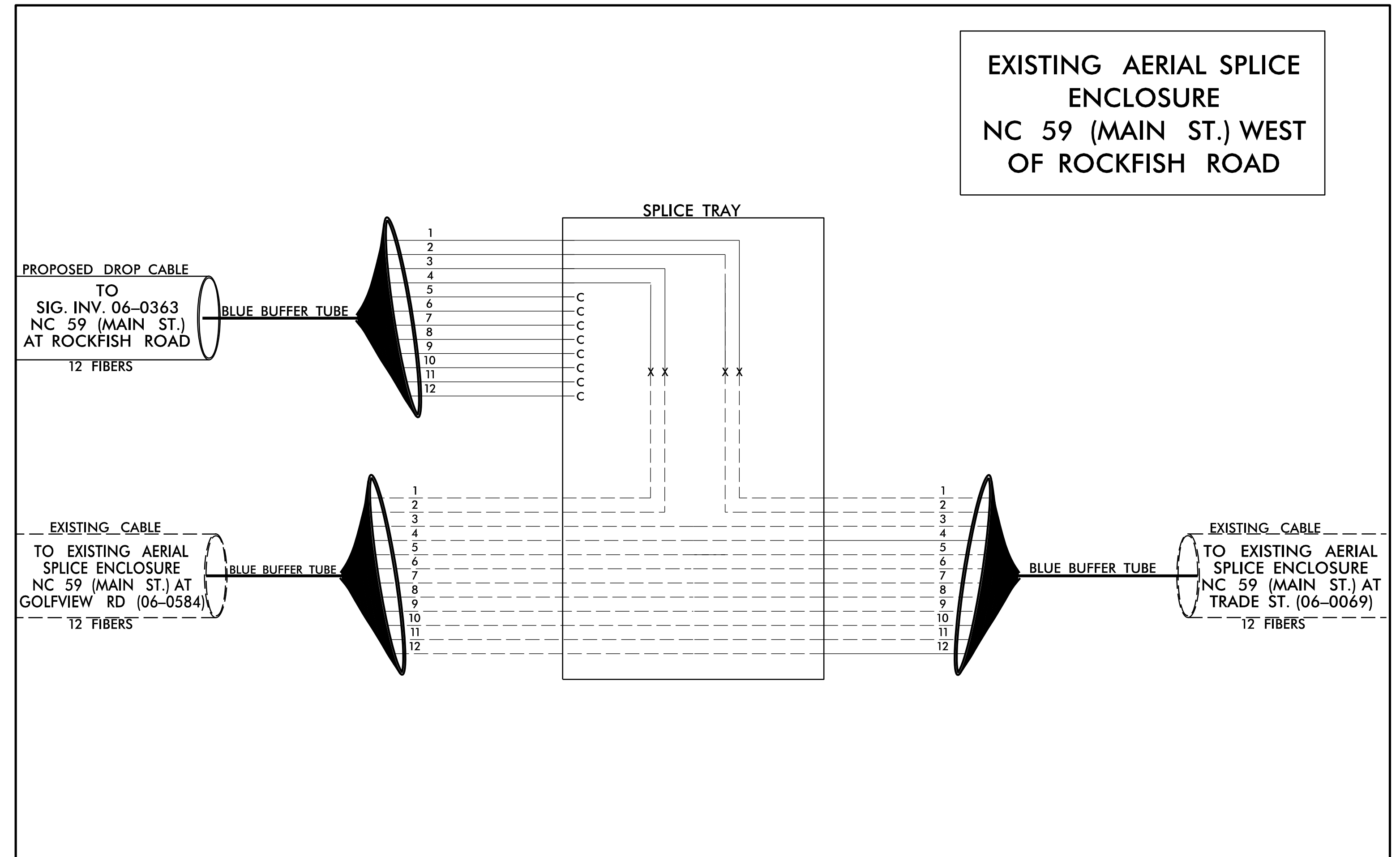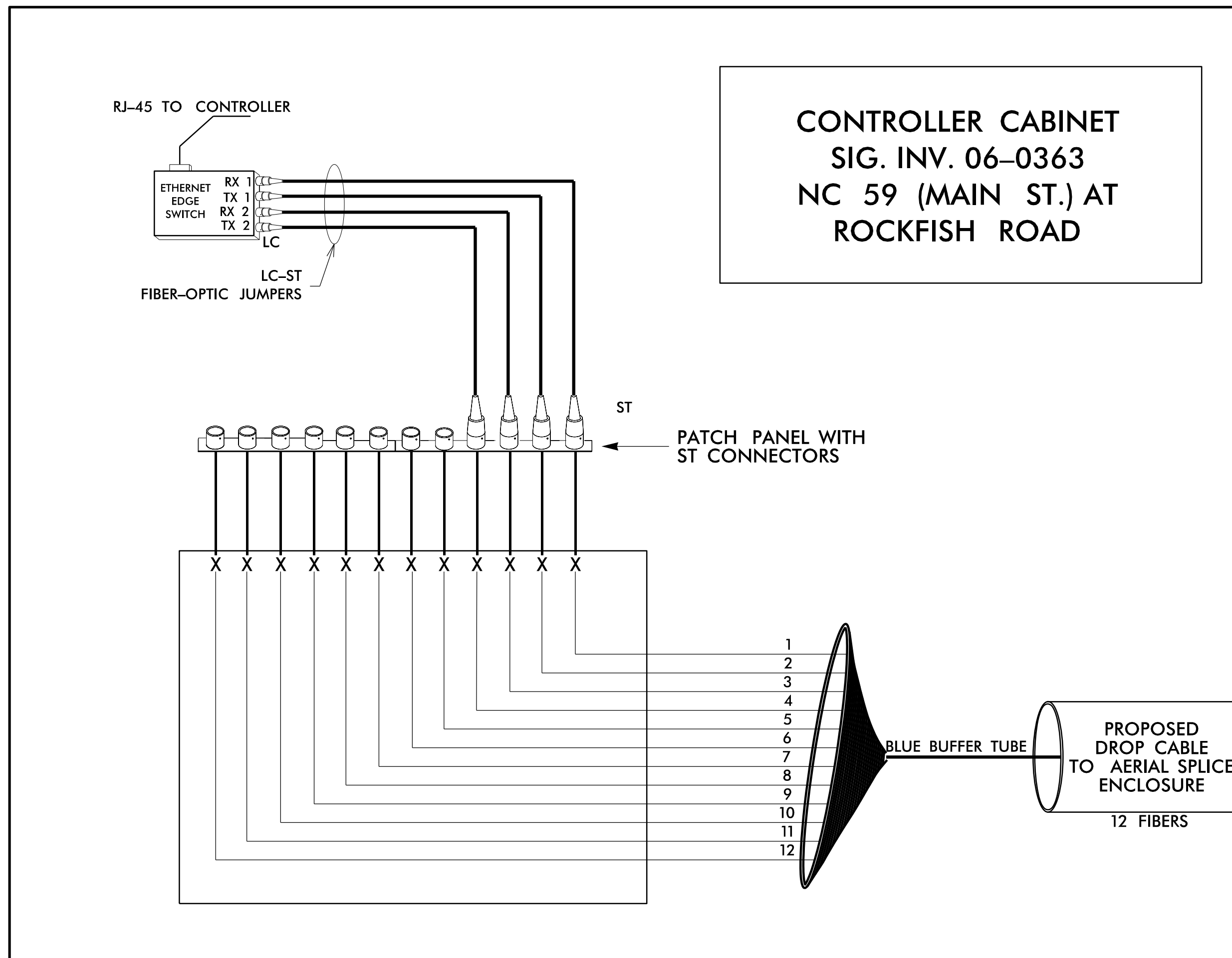
1) FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE DIVISION 6 TRAFFIC SIGNAL SUPERVISOR AT (910) 364-0606 TO PROGRAM THE NEW FIELD ETHERNET SWITCHES WITH THE NECCESSARY NETWORK CONFIGURATION DATA, INCLUDING BUT NOT LIMITED TO: THE PROJECT IP ADDRESS, DEFAULT GATEWAY, SUBNET MASK AND VLAN ID INFORMATION. NOTIFY DIVISION 6 TRAFFIC SIGNAL SUPERVISOR AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING ROPERLY. 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 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 AND ENSURING PROPER TERMINATIONS.

4) INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING: REFERENCE SECTION 1731 "FIBER OPTIC SPLICE ENCLOSURE"
a) SPLICE LOCATION
b) DATE
c) COMPANY NAME
d) NAME OF INDIVIDUAL PERFORMING THE SPLICING

5) 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.

6) UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY

7) UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE

## LEGEND

### COLOR CODE
### TIA/EIA 598-A

| (1) BLUE | (7) RED |
|---|---|
| (2) ORANGE | (8) BLACK |
| (3) GREEN | (9) YELLOW |
| (4) BROWN | (10) VIOLET |
| (5) SLATE | (11) ROSE |
| (6) WHITE | (12) AQUA |

X = FUSION SPLICE INDIVIDUAL FIBER

C = CAP AND SEAL

EXPRESS = EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING

BUFFER SPLICE = SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR



CONTROLLER CABINET
SIG. INV. 06-0363
NC 59 (MAIN ST.) AT
ROCKFISH ROAD

RJ-45 TO CONTROLLER

ETHERNET EDGE SWITCH — RX 1, TX 1, RX 2, TX 2, LC

LC-ST FIBER-OPTIC JUMPERS

ST

PATCH PANEL WITH ST CONNECTORS

PROPOSED DROP CABLE TO AERIAL SPLICE ENCLOSURE

BLUE BUFFER TUBE

12 FIBERS

REFER TO SHEET SCP-5.

EXISTING AERIAL SPLICE ENCLOSURE
NC 59 (MAIN ST.) WEST OF ROCKFISH ROAD



SPLICE TRAY

PROPOSED DROP CABLE
TO
SIG. INV. 06-0363
NC 59 (MAIN ST.)
AT ROCKFISH ROAD
BLUE BUFFER TUBE
12 FIBERS

EXISTING CABLE
TO EXISTING AERIAL SPLICE ENCLOSURE
NC 59 (MAIN ST.) AT GOLFVIEW RD (06-0584)
BLUE BUFFER TUBE
12 FIBERS

EXISTING CABLE
TO EXISTING AERIAL SPLICE ENCLOSURE
NC 59 (MAIN ST.) AT TRADE ST. (06-0069)
BLUE BUFFER TUBE
12 FIBERS

Signal System #D06-03 Hope Mills
FINAL
SPLICE DETAILS

| DIVISION 6 | CUMBERLAND COUNTY | HOPE MILLS |
|---|---|---|
| PLAN DATE: March 2024 | REVIEWED BY: G. G. Murr, Jr. | |
| PREPARED BY: B.E. Wynn | REVIEWED BY: | |

| REVISIONS | INIT. | DATE |
|---|---|---|

SEAL
NORTH CAROLINA
PROFESSIONAL
SEAL
14543
ENGINEER
GENE G. MURR, JR.

DocuSigned by:
Gene G. Murr Jr.
14458EBE1CDD45B...
SIGNATURE
DATE

CADD Filename:

SCALE
0 N/A
NONE