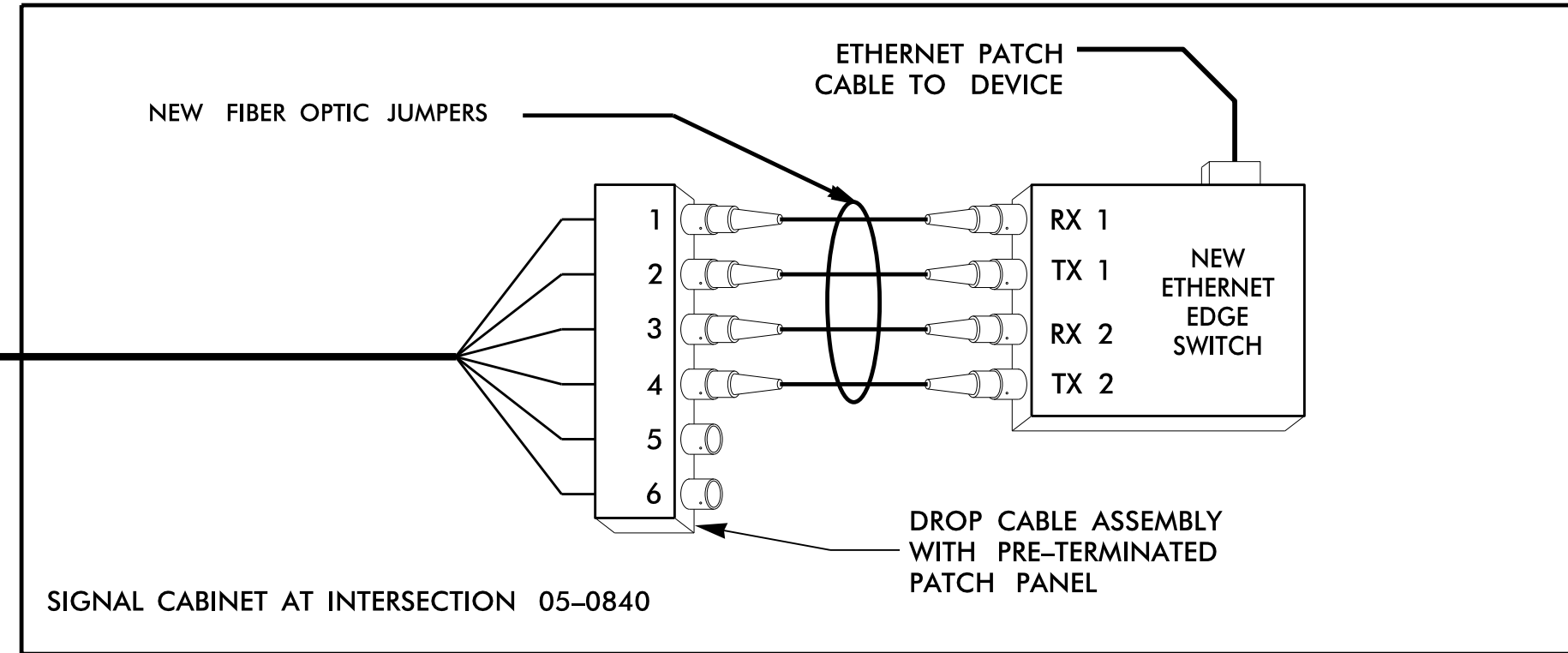
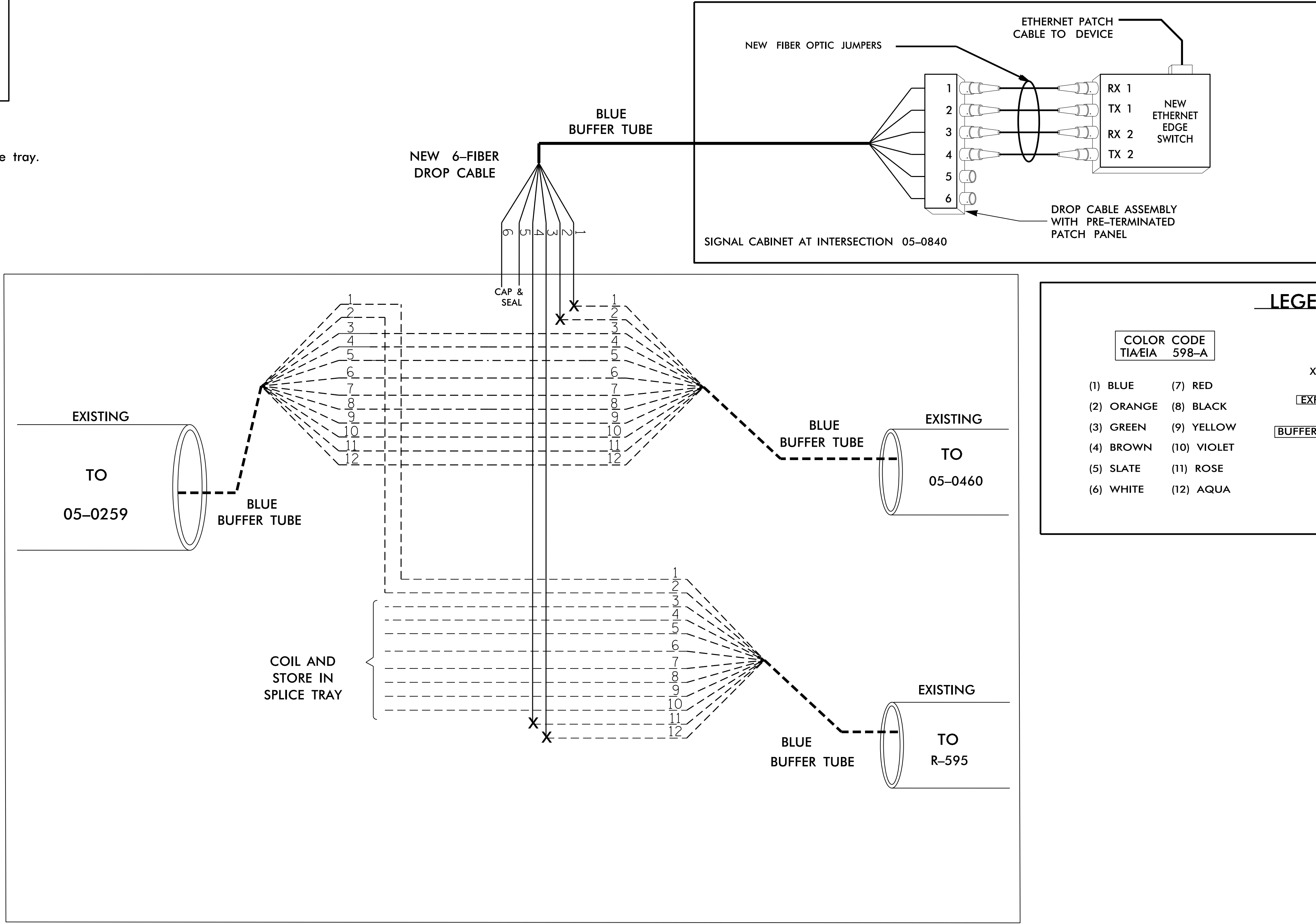


EXISTING AERIAL SPLICE ENCLOSURE  
 NEW HOPE CHURCH RD AND  
 ATLANTIC AVE  
 SIG. INV. # 05-0840

Notes:  
 Unused fibers left coiled and stored in splice tray.  
 Unused Buffer Tubes left coiled and stored in splice tray.



**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

[EXPRESS] - EXPRESS ENTIRE BUFFER TUBE WITHOUT CUTTING

[BUFFER SPLICE] - SPLICE ENTIRE BUFFER TUBE COLOR TO COLOR

EXISTING SPLICE TRAY

- NOTES:
- 1) NOTIFY THE CITY OF RALEIGH TRAFFIC SIGNAL SYSTEM MANAGER AT (919) 996-4046 FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM COMMUNICATIONS CABLE. NOTIFY THE SIGNAL SYSTEM OPERATOR AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. ALL 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 EDGE 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.

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

	RALEIGH SIGNAL SYSTEM SPLICE DETAILS POST LET PLANS	
	DIVISION 05 WAKE PLAN DATE: SEPTEMBER 2023 PREPARED BY: H.T. BERGGREN, EIT	RALEIGH REVIEWED BY: <i>Gregory L. ...</i> 99F88BEF705A4FA
REVISIONS _____ _____	INIT. DATE _____ _____	SEAL NORTH CAROLINA PROFESSIONAL ENGINEER ALEX D. STEWART 046152 09/13/2023