

NEW UNDERGROUND SPLICE ENCLOSURE AT
US 29 (CONCORD PARKWAY SOUTH) AT
SR 1414 (ROCK HILL CHURCH ROAD)/QUIKTRIP
AND U-HAUL ENTRANCE
(SIG ID 10-0875)

COLOR CODE
TIA/EIA 598-C

(1) BLUE

(2) ORANGE

(3) GREEN

(4) BROWN

(5) SLATE

(6) WHITE

(7) RED

(8) BLACK

(9) YELLOW

(10) VIOLET

(11) ROSE

(12) AQUA

LEGEND

X

O

- FUSION SPLICE INDIVIDUAL FIBER

- EXISTING SPLICE

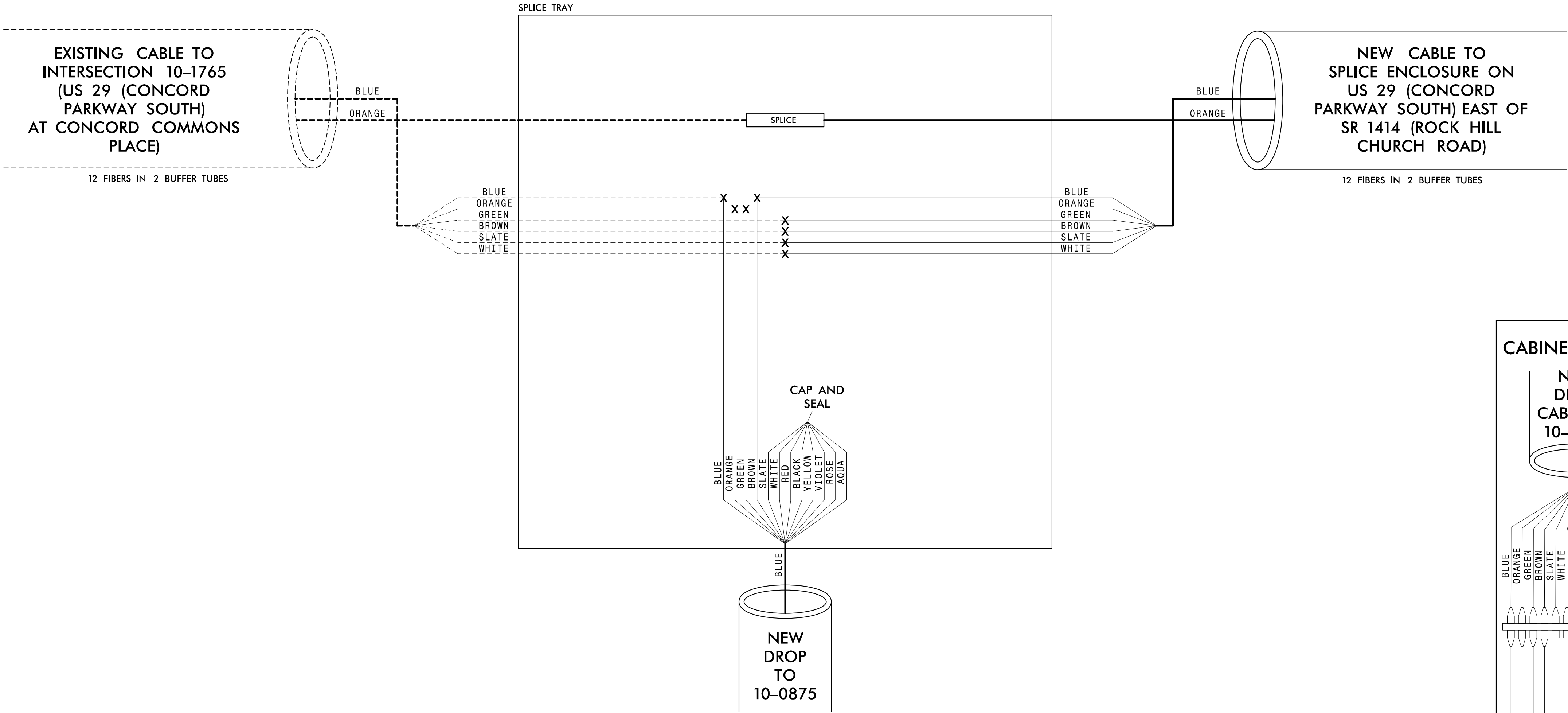
- EXPRESS INDIVIDUAL FIBER

EXPRESS

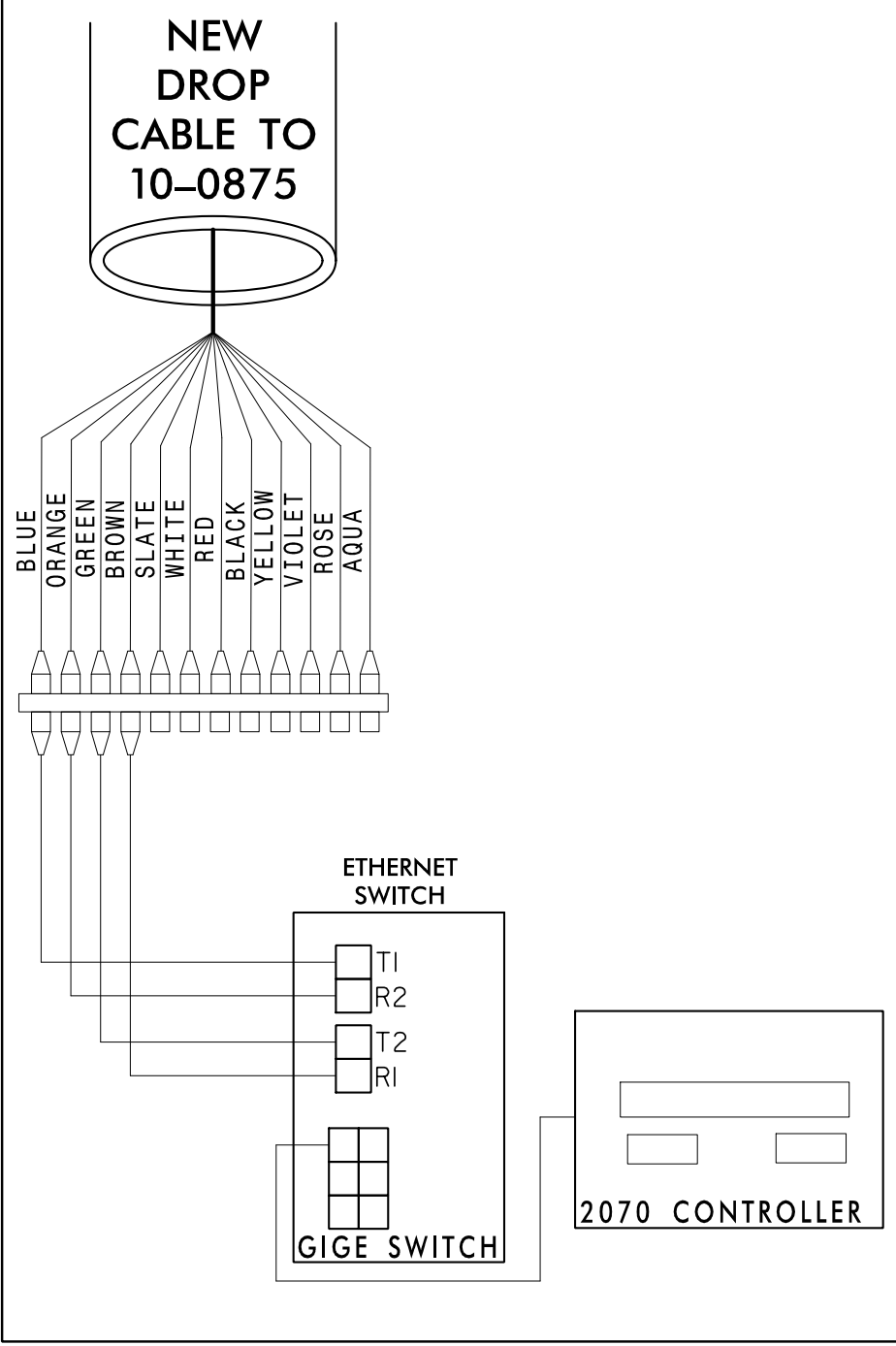
SPLICE

EXPRESS ENTIRE BUFFER TUBE

SPLICE ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED



CABINET AT INTERSECTION 10-0875

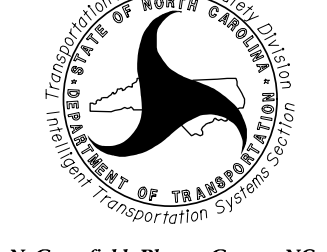
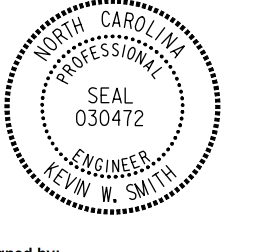


NOTES:

- FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE CITY OF CONCORD TRAFFIC ENGINEER AT 704-920-5377 TO ARRANGE FOR THE CITY TO PROGRAM THE NEW FIELD ETHERNET SWITCHES WITH THE NECESSARY NETWORK CONFIGURATION DATA, INCLUDING BUT NOT LIMITED TO: THE PROJECT IP ADDRESS, DEFAULT GATEWAY, SUBNET MASK AND VLAN INFORMATION. NOTIFY THE 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.
 - 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.
 - ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING \ ENSURING PROPER TERMINATIONS.
 - INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING:
REFERENCE SECTION 1731 "FIBER OPTIC SPLICE ENCLOSURE"
 - SPLICE LOCATION
 - DATE
 - COMPANY NAME
 - 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.

PLANS PREPARED IN THE OFFICE OF:
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Raleigh, NC 27601
(919) 677-2000

TMP Phase 1

Prepared for the Offices of:  750 N. Greenfield Plaza, Garner, NC 27529		CITY OF CONCORD SIGNAL SYSTEM Splice Detail Division 10 Cabarrus County Concord PLAN DATE: February 2025 PREPARED BY: SP Pennington REVIEWED BY: KW Smith REVISIONS INIT. DATE		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED SEAL  DocuSigned by: Kevin W. Smith 8/21/2025 CADD Filename:	
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