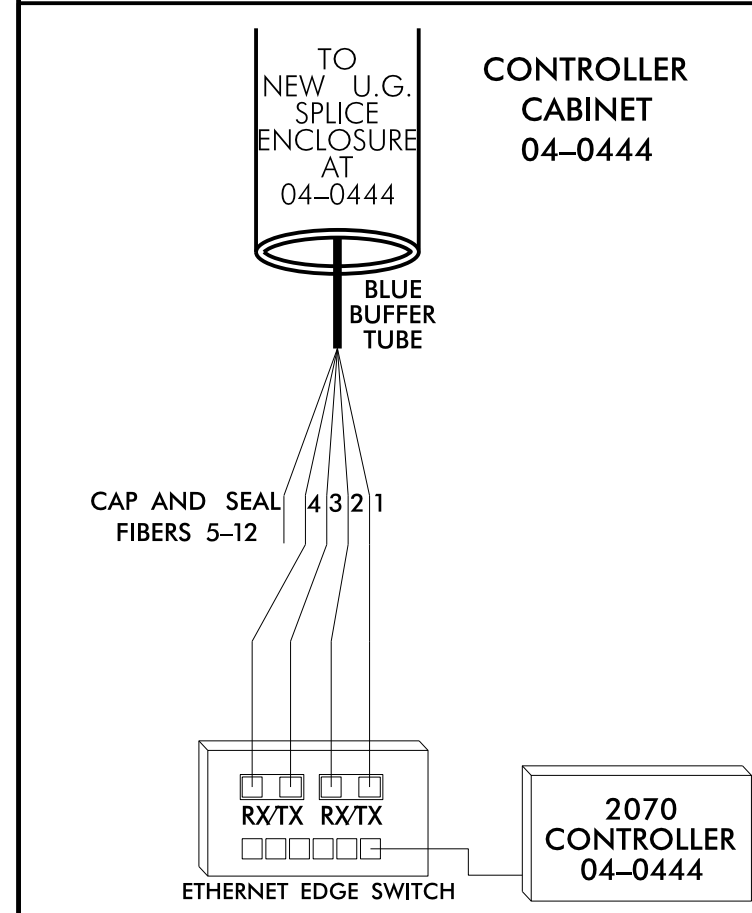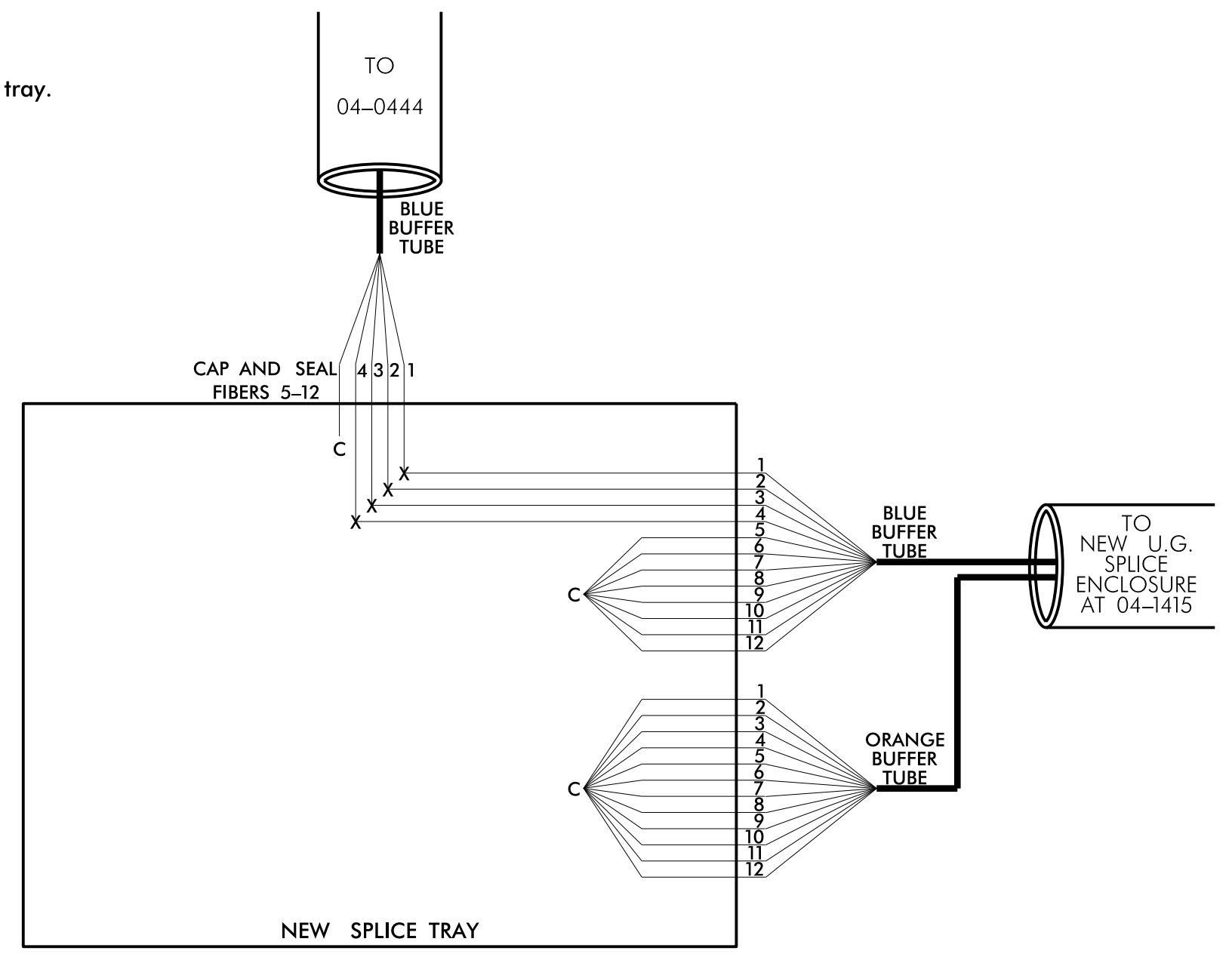NEW UNDERGROUND SPLICE ENCLOSURE
BOOKER DAIRY RD. AT BUFFALO RD.
SIG. INV. # 04-0444

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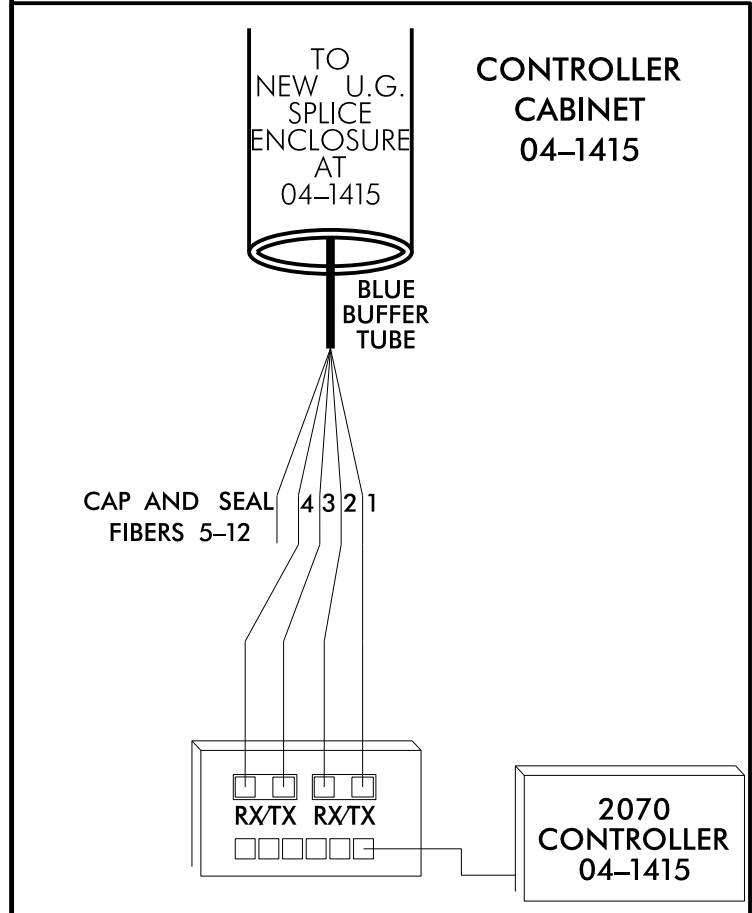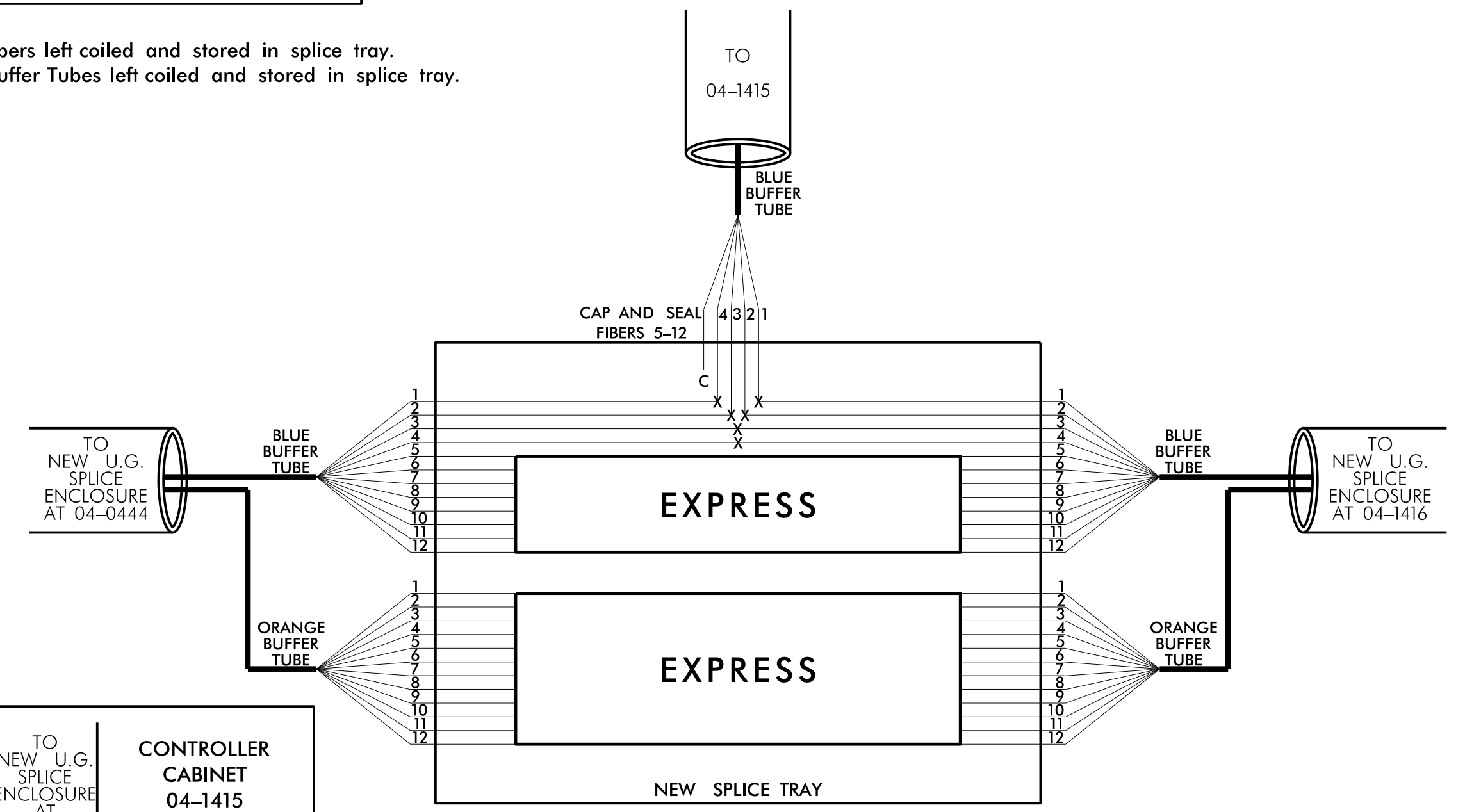Unused Buffer Tubes left coiled and stored in splice tray.

LEGEND
X = FUSION SPLICE
C = CAP IN TRAY

COLOR CODE
TIA/EIA 598-A
(1) BLUE
(2) ORANGE
(3) GREEN
(4) BROWN
(5) SLATE
(6) WHITE
(7) RED
(8) BLACK
(9) YELLOW
(10) PURPLE
(11) ROSE
(12) AQUA

TO
04-0444
BLUE BUFFER TUBE

CAP AND SEAL 4 3 2 1
FIBERS 5-12

NEW SPLICE TRAY

BLUE BUFFER TUBE
TO NEW U.G. SPLICE ENCLOSURE AT 04-1415

ORANGE BUFFER TUBE

TO NEW U.G. SPLICE ENCLOSURE AT 04-0444
BLUE BUFFER TUBE

CAP AND SEAL 4 3 2 1
FIBERS 5-12

CONTROLLER CABINET 04-0444

RX/TX RX/TX
ETHERNET EDGE SWITCH

2070 CONTROLLER 04-0444

NEW UNDERGROUND SPLICE ENCLOSURE
BOOKER DAIRY RD. AT KELLIE DR.
SIG. INV. # 04-1415

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

LEGEND
X = FUSION SPLICE
C = CAP IN TRAY

COLOR CODE
TIA/EIA 598-A
(1) BLUE
(2) ORANGE
(3) GREEN
(4) BROWN
(5) SLATE
(6) WHITE
(7) RED
(8) BLACK
(9) YELLOW
(10) PURPLE
(11) ROSE
(12) AQUA

TO
04-1415
BLUE BUFFER TUBE

CAP AND SEAL 4 3 2 1
FIBERS 5-12

EXPRESS

EXPRESS

NEW SPLICE TRAY

TO NEW U.G. SPLICE ENCLOSURE AT 04-0444
BLUE BUFFER TUBE

ORANGE BUFFER TUBE

BLUE BUFFER TUBE
TO NEW U.G. SPLICE ENCLOSURE AT 04-1416

ORANGE BUFFER TUBE

TO NEW U.G. SPLICE ENCLOSURE AT 04-1415
BLUE BUFFER TUBE

CAP AND SEAL 4 3 2 1
FIBERS 5-12

CONTROLLER CABINET 04-1415

RX/TX RX/TX

2070 CONTROLLER 04-1415

1) FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE DIVISION 04 DEPUTY TRAFFIC ENGINEER, RUSSELL BROADWELL, AT (252) 640-6507 TO ARRANGE FOR THE DIVISION 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 ID INFORMATION. NOTIFY THE DEPUTY TRAFFIC ENGNIEER 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 FINAL SPLICE ARRANGEMENT FOR COMPARISON TO THE SUPPLIED SPLICE DETAILS. IF DISCREPANCIES EXIST, PROVIDE AS-BUILT PLANS TO THE ENGINEER.

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.

FINAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Prepared in the Offices of:

SPLICE DETAIL

DIVISION 04   JOHNSTON COUNTY   SMITHFIELD
PLAN DATE: AUGUST 2017   REVIEWED BY: Neil Avery
PREPARED BY: A. J. SKUCE   09F5DB4CBED3443
REVISIONS

750 N. Greenfield Pkwy., Garner, NC 27529

SEAL
NORTH CAROLINA
PROFESSIONAL
SEAL
032108
ENGINEER
MOHD A. ASLAM

Mohd Aslam
5D8608A8DBB8495...
9/27/2017
DATE

INIT. | DATE