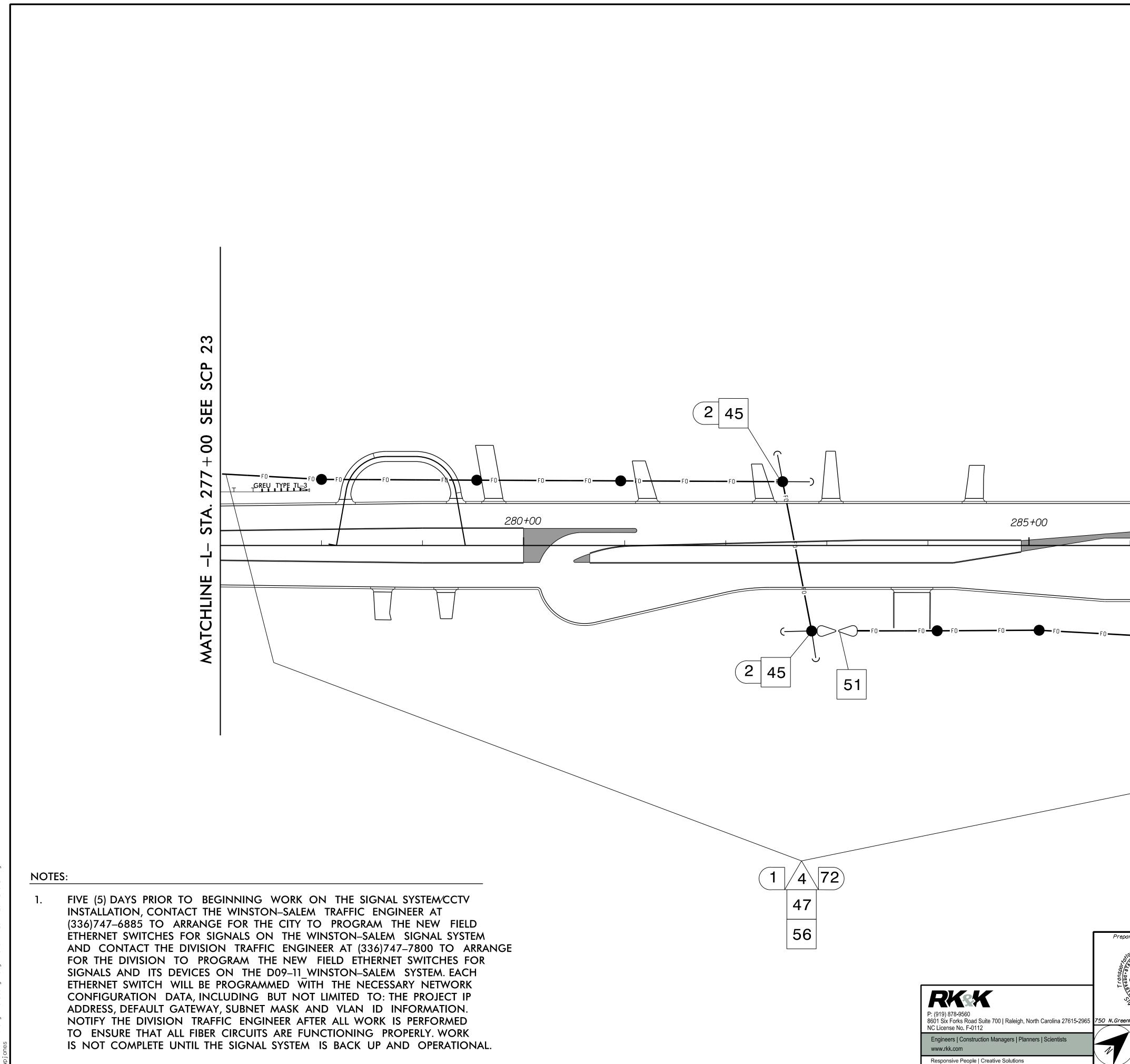


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Signal System D09-11_Winston-Sa Signal Communication Plans Winston-J Division 09 Forsyth County Walk Plan Date: February 2024 Reviewed By: Porter Erickso PREPARED BY: Haylee Townsend Reviewed By:	Salem/ ertown on-Jones CRTER	
SCALE REVISIONS INIT.	DATE Porter Jones	2/12/2024
NTS		DATE



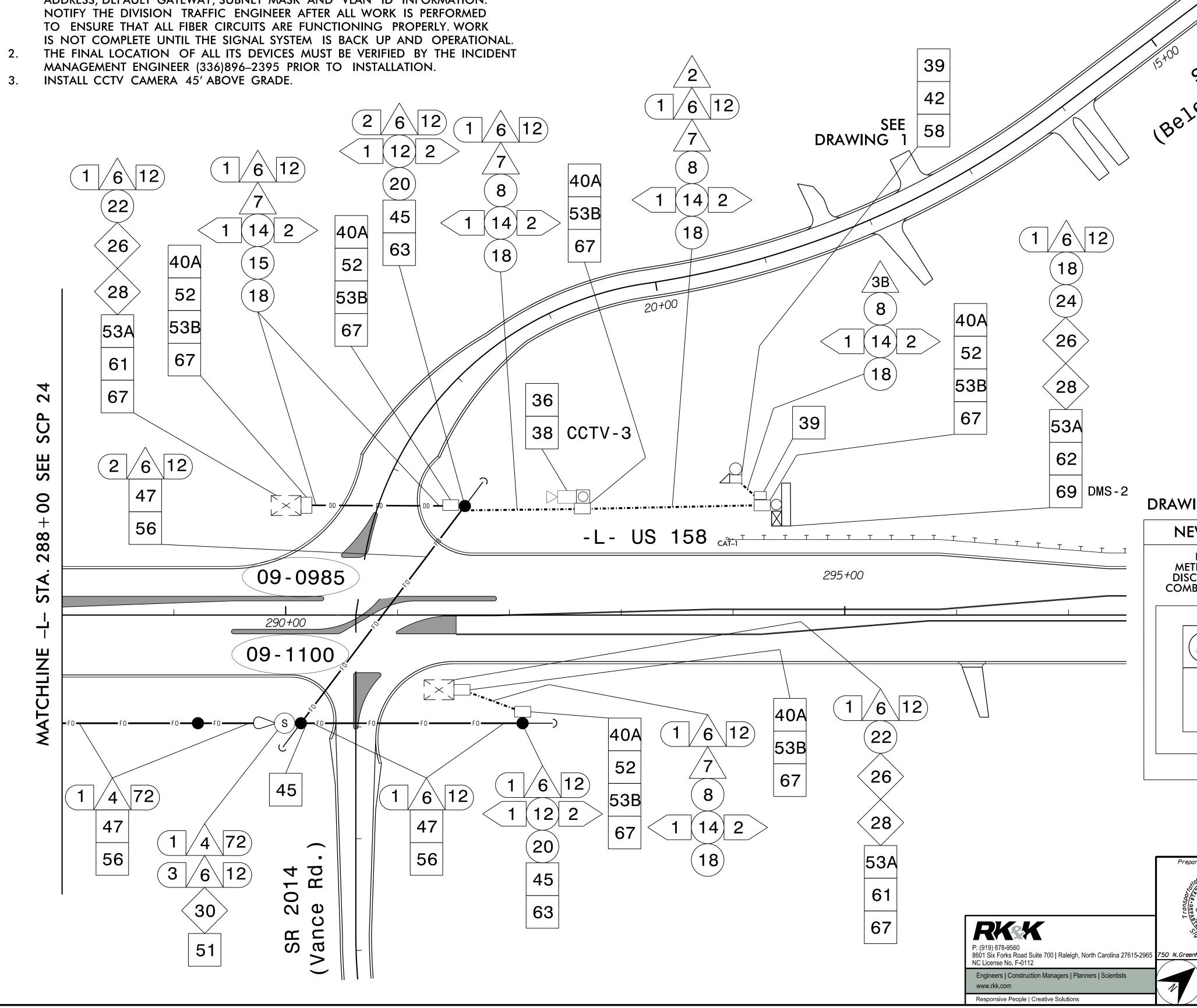
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pared for the Offices of: wobility and Signal System D09-11_Winston-Sal Signal Communication Plans Winston-S Division 09 Forsyth County Walke PLAN DATE: February 2024 REVISIONS INIT.	alem/ rtown	2/12/2024
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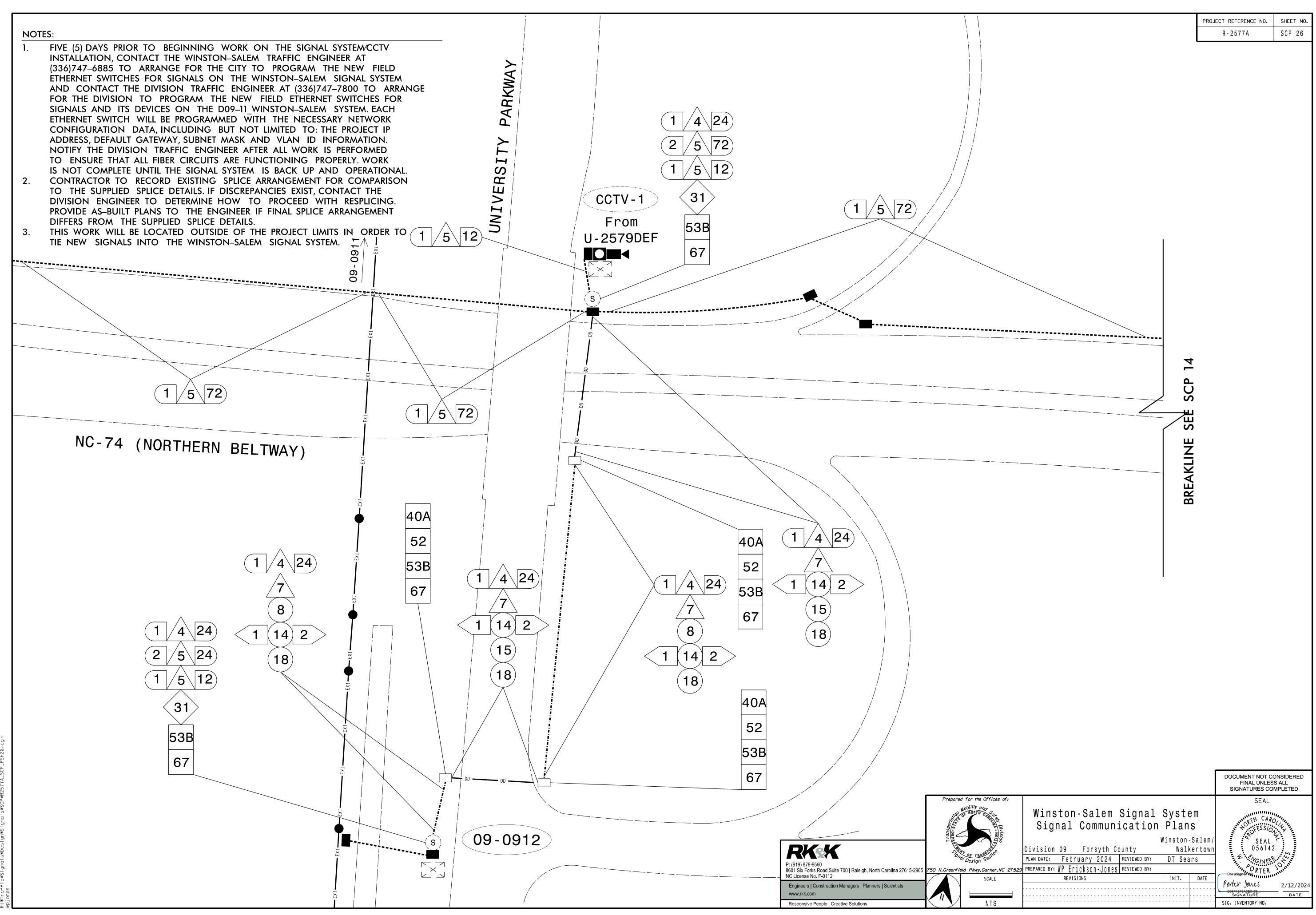
- FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM/CCTV 1. INSTALLATION, CONTACT THE WINSTON-SALEM TRAFFIC ENGINEER AT (336)747–6885 TO ARRANGE FOR THE CITY TO PROGRAM THE NEW FIELD ETHERNET SWITCHES FOR SIGNALS ON THE WINSTON-SALEM SIGNAL SYSTEM AND CONTACT THE DIVISION TRAFFIC ENGINEER AT (336)747-7800 TO ARRANGE FOR THE DIVISION TO PROGRAM THE NEW FIELD ETHERNET SWITCHES FOR SIGNALS AND ITS DEVICES ON THE D09-11 WINSTON-SALEM SYSTEM. EACH ETHERNET SWITCH WILL BE PROGRAMMED \overline{W} ITH THE NECESSARY NETWORK CONFIGURATION DATA, INCLUDING BUT NOT LIMITED TO: THE PROJECT IP ADDRESS, DEFAULT GATEWAY, SUBNET MASK AND VLAN ID INFORMATION.

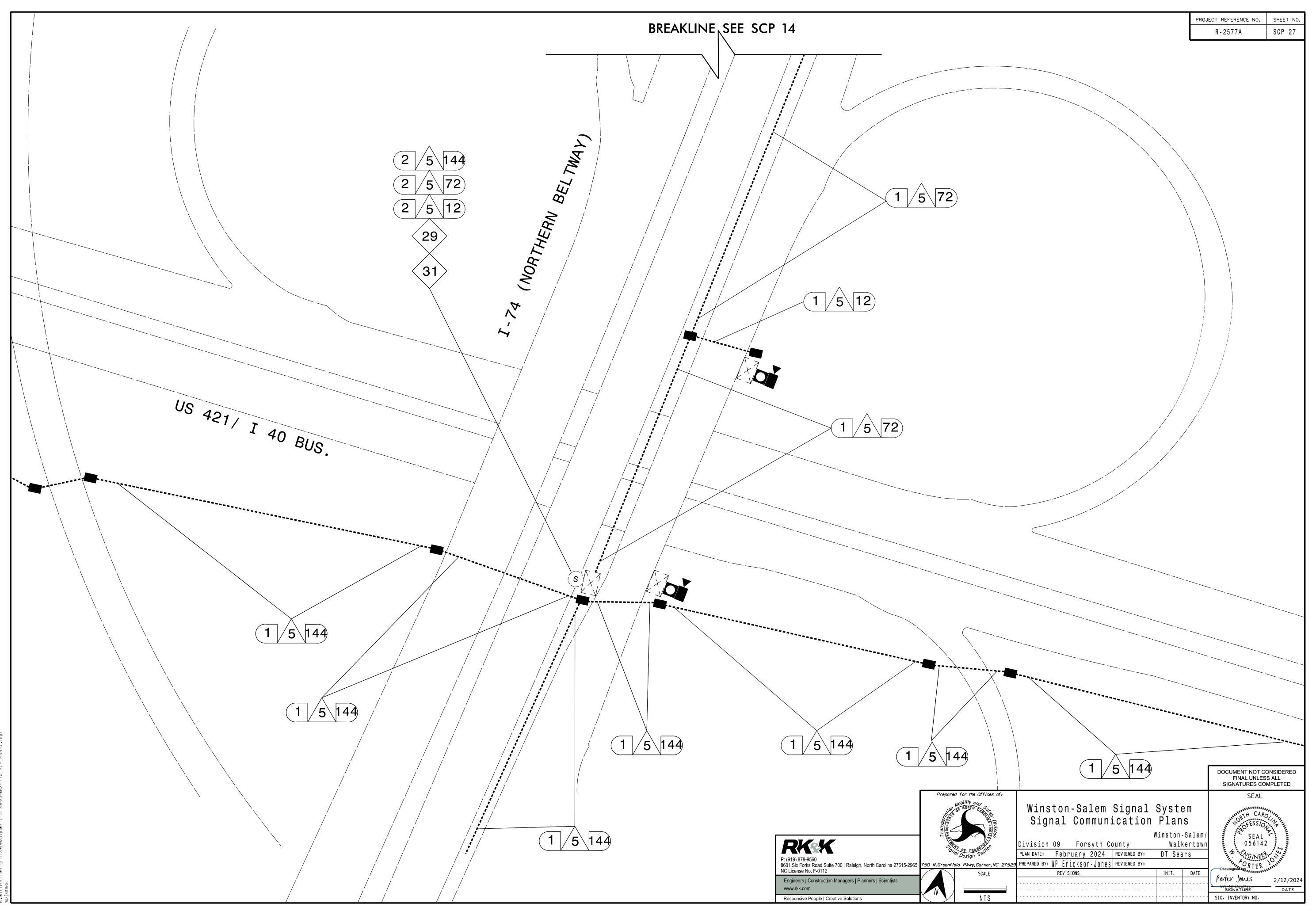


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-5	ad.)		
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/ING 1			
EW ELECTRI	CAL SERVICE EQUIPMENT		
ter base⁄ connect \bo panel			
	- INSTALL ONE 1 1/2" RISER WITH WEATHERHEAD		
	INSTALL NEW SERVICE		
	DISCONNECT WITH 1 DOUBLE POLE, 50 AMP CIRCUIT BREAKER		
20			
	INSTALL ONE 2" CONDUIT - WITH FOUR #6 COPPER FEEDER CONDUCTORS TO POLE MOUNTED		
J	DMS-2 CABINET		
		DOCUMENT NOT CO FINAL UNLES SIGNATURES CO	S ALL
bility a	Signal System D09-11_Winston-Sa	lem SEAL	
NODING OF NORTH CARE IN DIVISION	Signal Communication Plans	×××××××××××××××××××××××××××××××××××××	
Star and see of	· · ·	ertown 05614;	5.5
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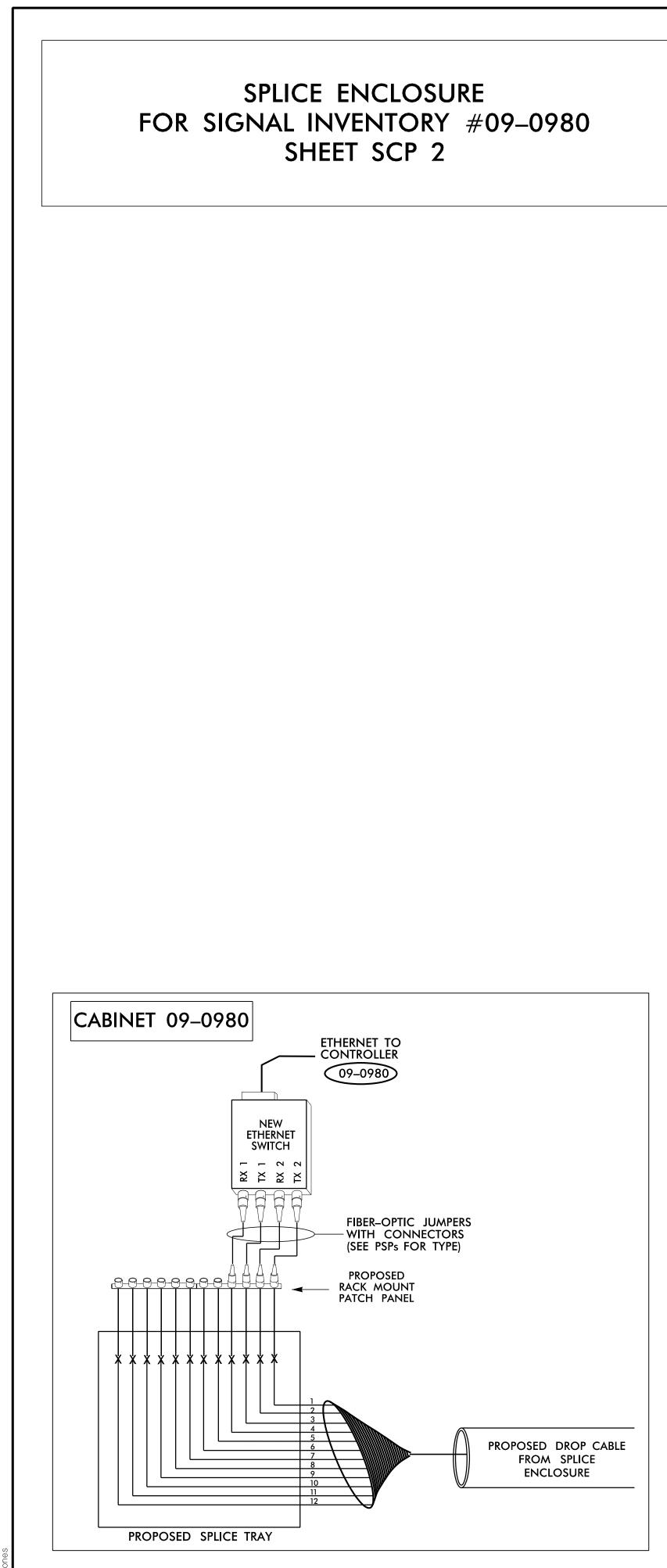
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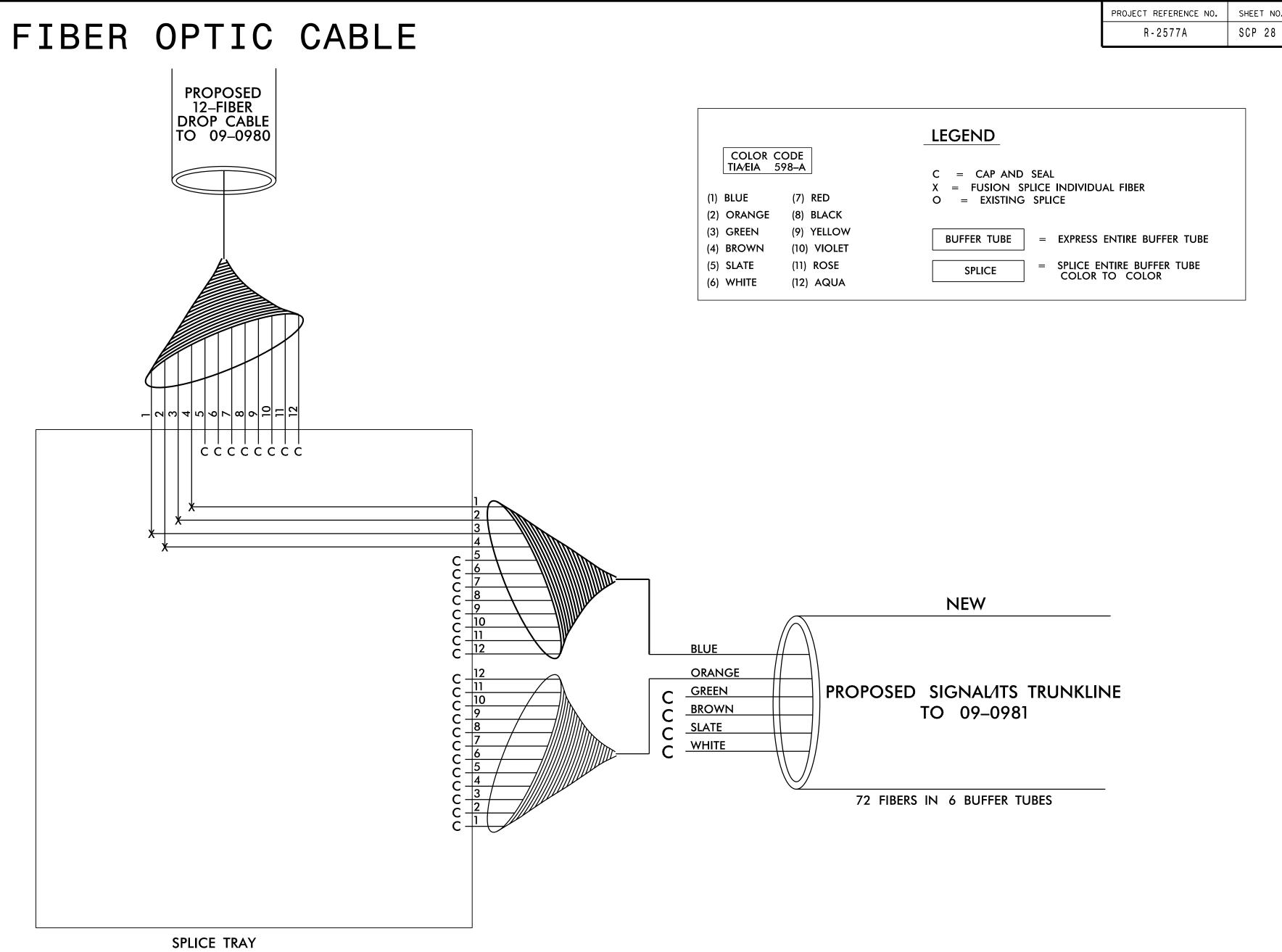
SIG. INVENTORY NO.

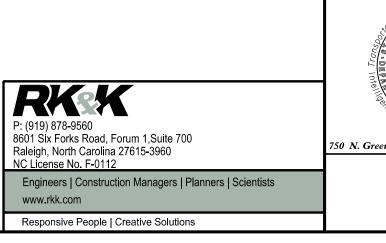




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		R-2577A SCP
		LEGEND
COLOR	CODE	
TIA⁄EIA	598–A	C = CAP AND SEAL
		X = FUSION SPLICE INDIVIDUAL FIBER
(1) BLUE	(7) RED	O = EXISTING SPLICE
(2) ORANGE	(8) BLACK	
(3) GREEN	(9) YELLOW	
(4) BROWN	(10) VIOLET	BUFFER TUBE = EXPRESS ENTIRE BUFFER TUBE
(5) SLATE	(11) ROSE	SPLICE = SPLICE ENTIRE BUFFER TUBE
J JLAIL	N 7	SPLICE COLOR TO COLOR

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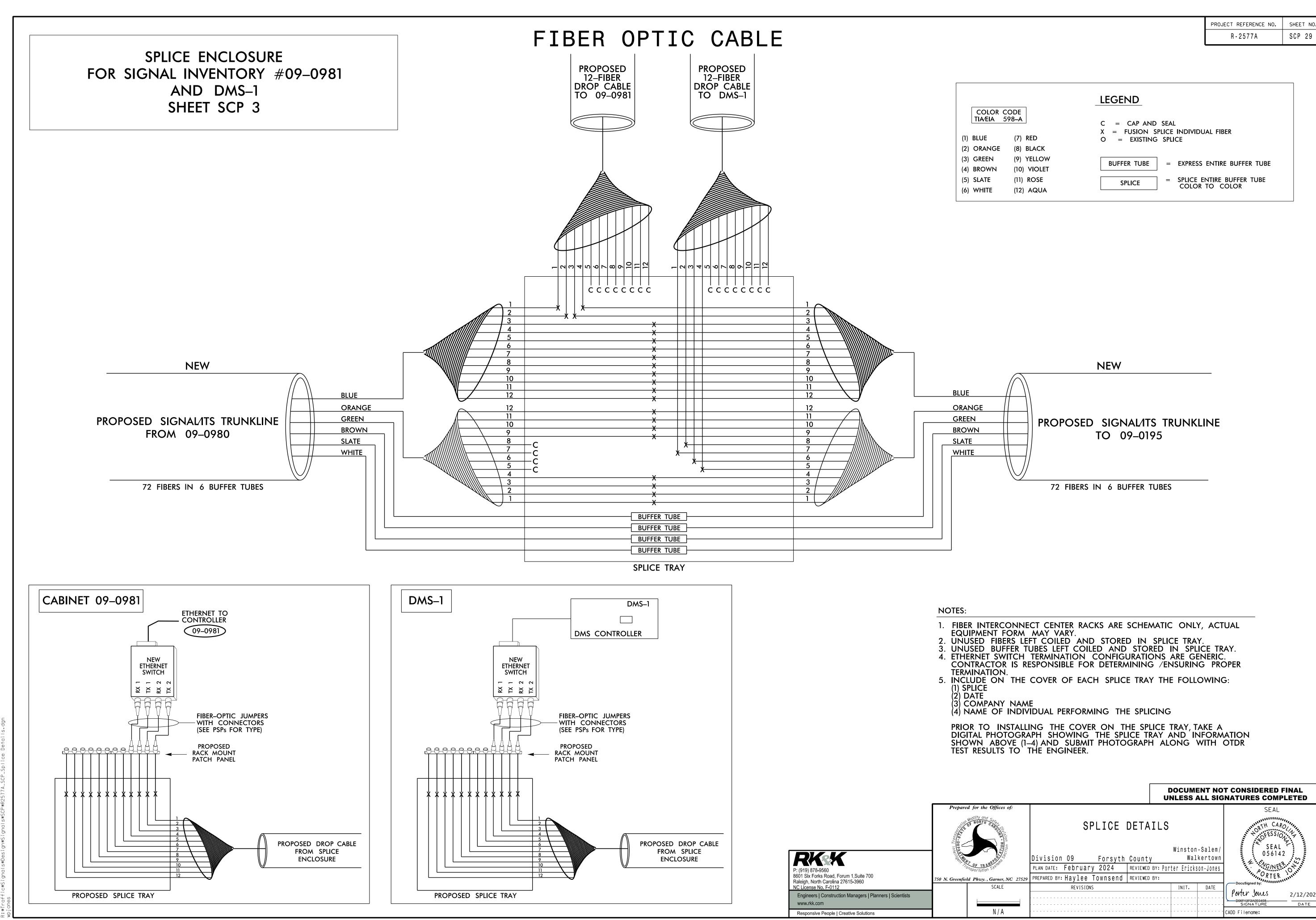
FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY, ACTUAL EQUIPMENT FORM MAY VARY. 2. UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY.

3. UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE TRAY. 4. ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING /ENSURING PROPER TERMINATION.

5. INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING: (1) SPLICE
(2) DATE
(3) COMPANY NAME

(4) NAME OF INDIVIDUAL PERFORMING THE SPLICING

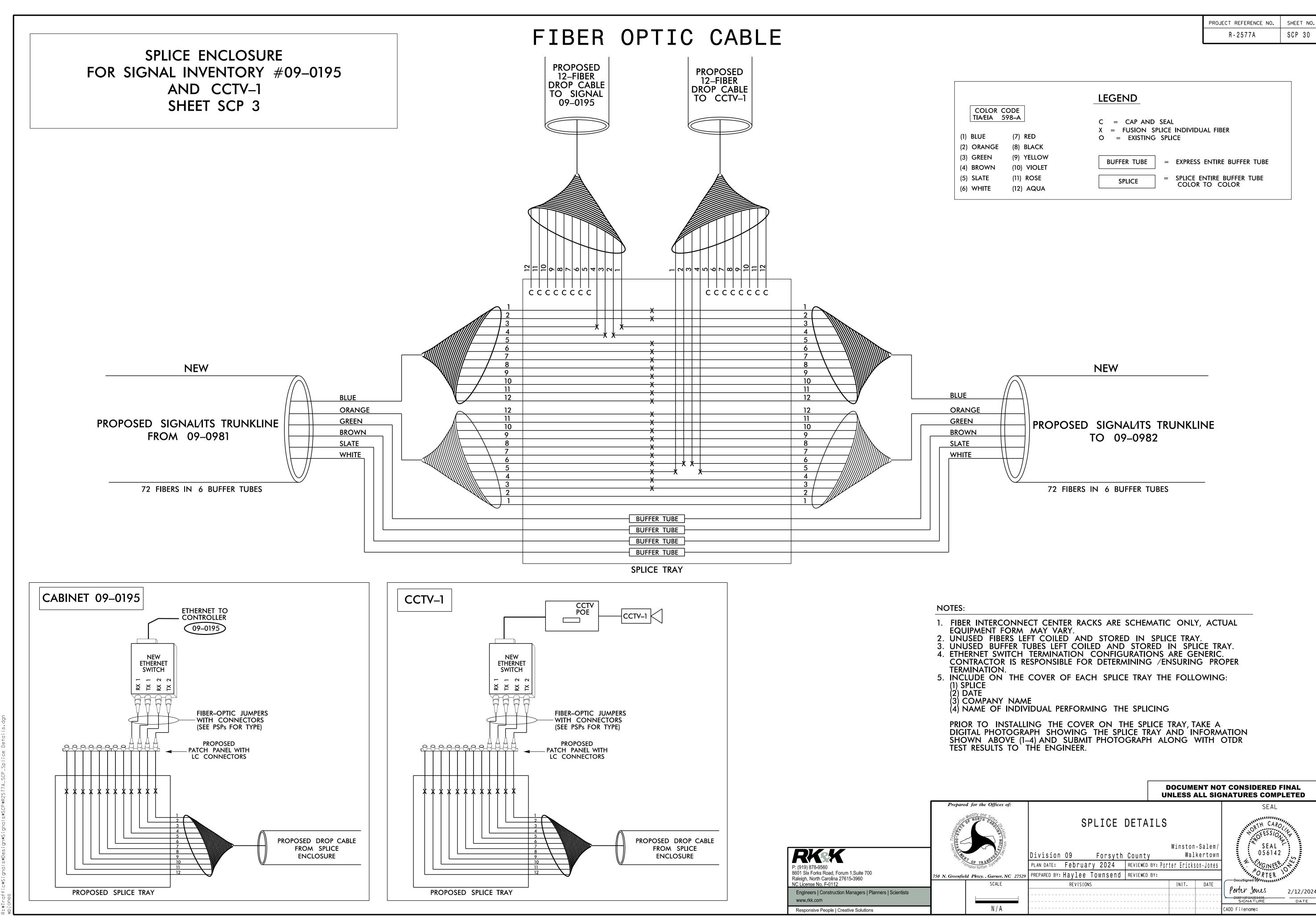
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		Division 09 Forsyth	Count	у	Winston Wal	-Salem/ kertown	SEAL 056142	÷
Tro,	2Sportation System	PLAN DATE: February 2024	REVIEWED) BY: Por	ter Ericks	on-Jones	VG/NEEX	07.1
eenfield	d Pkwy. , Garner, NC 27529	PREPARED BY: Haylee Townsend	REVIEWED) BY:			ORTER.	
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							Porter Jones	2/12/2024
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		PROJECT REFERENCE NO.	SHEET NO
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		LEGEND	
COLOR CO			
TIA⁄EIA 59	8–A	C = CAP AND SEAL	
(1) BLUE	(7) RED	X = FUSION SPLICE INDIVIDUAL FIBER O = EXISTING SPLICE	
(2) ORANGE	(8) BLACK		
(3) GREEN	(9) YELLOW	BUFFER TUBE = EXPRESS ENTIRE BUFFER TUBE	
(4) BROWN	(10) VIOLET	BUFFER TUBE = EXFRESS EINTIRE BUFFER TUBE	
(5) SLATE	(11) ROSE	SPLICE = SPLICE ENTIRE BUFFER TUBE	
(6) WHITE	(12) AQUA	COLOR TO COLOR	

DIGITAL PHOTOGRAPH SHOWING THE SPLICE TRAY AND INFORMATION

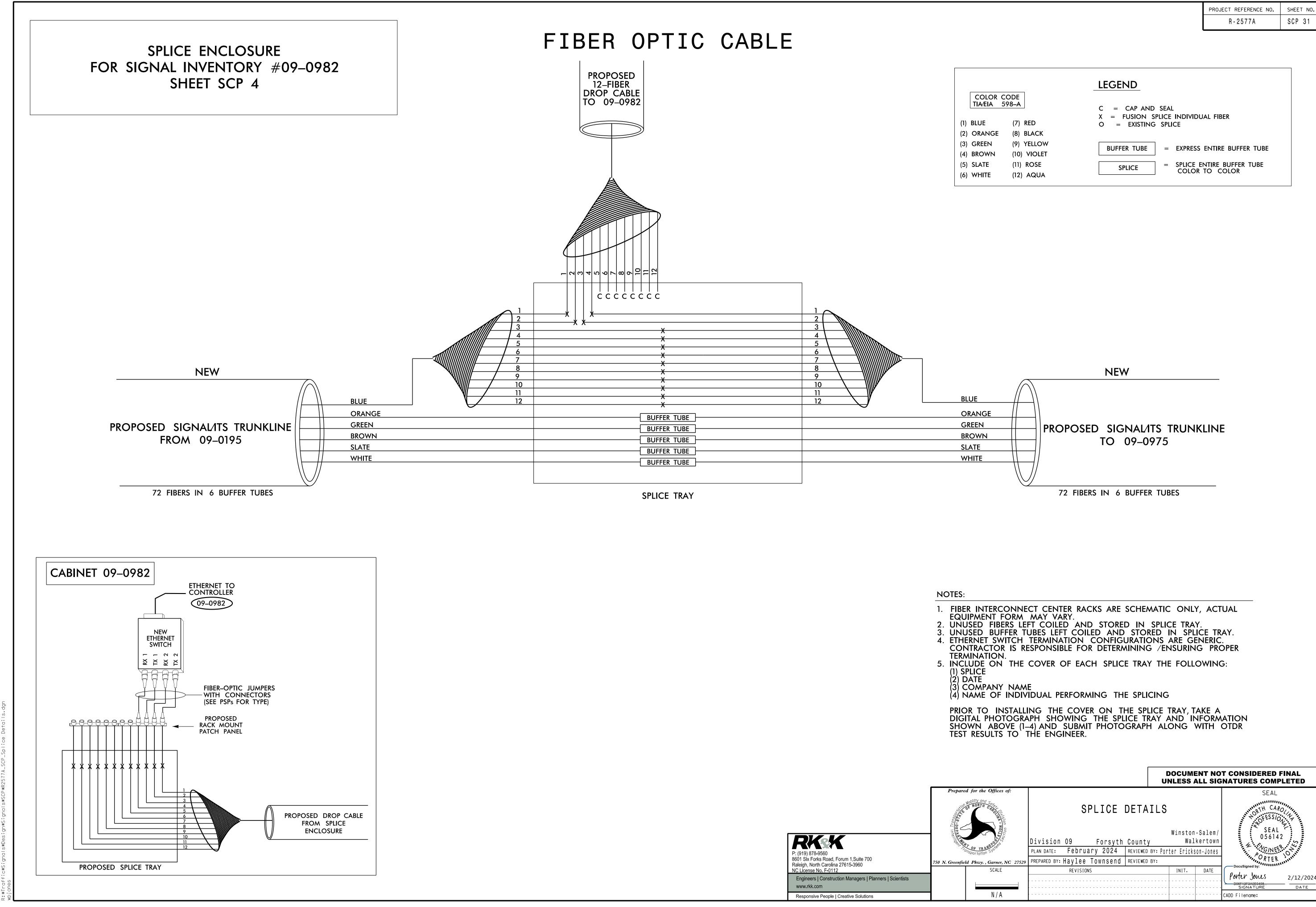
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ronsportation System	PLAN DATE: February 2024	REVIEWED B	Y: Porte	r Ericks	on-Jones	G/NEER O	A.
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		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	O = EXISTING SPLICE	
(2) ORANGE	(8) BLACK		
(3) GREEN	(9) YELLOW		
(4) BROWN	(10) VIOLET	BUFFER TUBE = EXPRESS ENTIRE BUFFER TUBE	
		= SPLICE ENTIRE BUFFER TUBE	
(5) SLATE	(11) ROSE	SPLICE = SPLICE ENTIRE BUFFER TUBE COLOR TO COLOR	
(6) WHITE	(12) AQUA		

DIGITAL PHOTOGRAPH SHOWING THE SPLICE TRAY AND INFORMATION

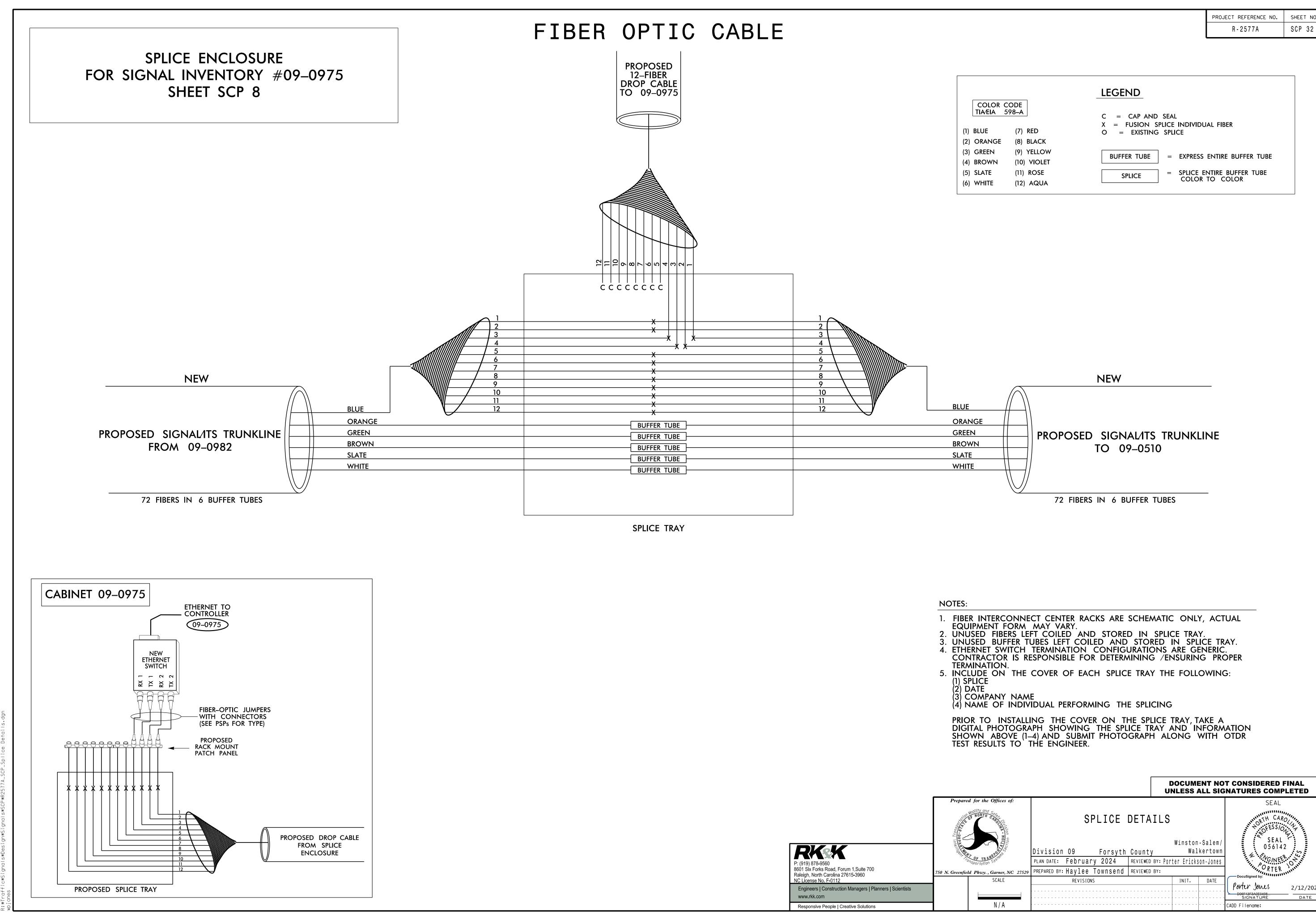
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Proportation System	PLAN DATE: February 2024	REVIEWED	BY: Port	er Ericks	on-Jones	T SINGINEER
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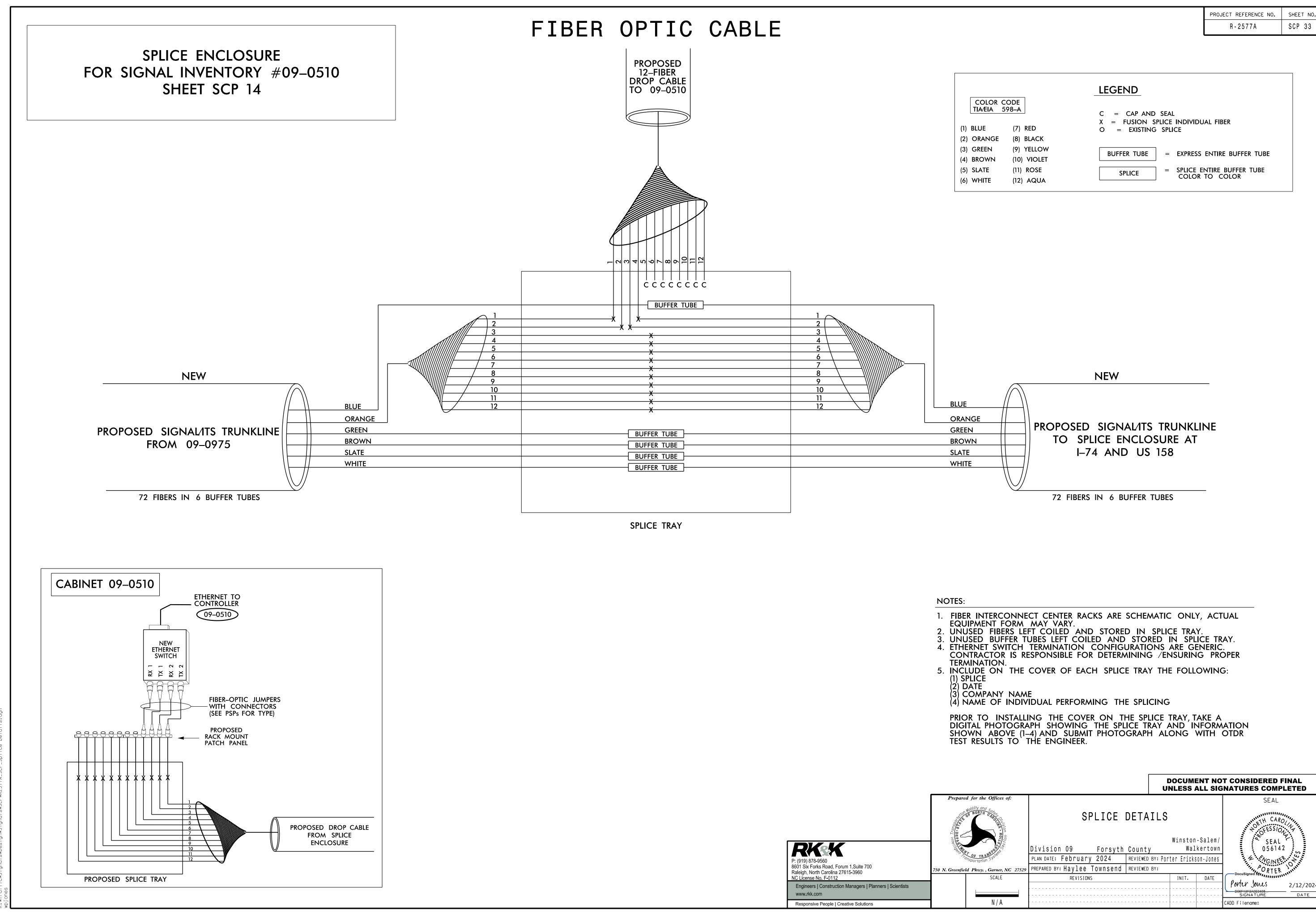
			JILLI NO
		R - 2577A	SCP 31
		LEGEND	
COLOR	CODE		
TIA⁄EIA	598–A	C = CAP AND SEAL	
(1) BLUE	(7) RED	X = FUSION SPLICE INDIVIDUAL FIBER O = EXISTING SPLICE	
(1) DEOL (2) ORANGE	(8) BLACK	O = EXISTING SPLICE	
(3) GREEN	(9) YELLOW		
(4) BROWN	(10) VIOLET	BUFFER TUBE = EXPRESS ENTIRE BUFFER TUBE	
(5) SLATE	(11) ROSE	SPLICE = SPLICE ENTIRE BUFFER TUBE	
• •	• •	COLOR TO COLOR	

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POR SYSTEM	PLAN DATE: February 2024	REVIEWED BY:	Porter Ericks	on-Jones	G/NEER	A.
eenfield Pkwy. , Garner, NC 27529	PREPARED BY: Haylee Townsend	REVIEWED BY:			ORTER	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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		PROJECT REFERENCE NO.	SHEET N
		R - 2577A	SCP 32
		LEGEND	
COLOR			
TIA⁄EIA	598–A	C = CAP AND SEAL	
(1) BLUE	(7) RED	X = FUSION SPLICE INDIVIDUAL FIBER O = EXISTING SPLICE	
(2) ORANGE	(8) BLACK		
(3) GREEN	(9) YELLOW	BUFFER TUBE = EXPRESS ENTIRE BUFFER TUBE	
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE	SPLICE = SPLICE ENTIRE BUFFER TUBE	
(6) WHITE	(12) AQUA	COLOR TO COLOR	

						T CONSIDERED FINAL NATURES COMPLETED
epared for the Offices of:						SEAL
Nobility and Society and Socie	SPLICE [DETA	ILS			PRTH CARO
				Winston	-Salem/	SEAL 056142
	Division 09 Forsyth	County	1	Wal	kertown	4
CONSPORTATION SYSTEM	PLAN DATE: February 2024	REVIEWED	BY: Port	er Ericks	on-Jones	MG/NEEK, O
eenfield Pkwy. , Garner, NC 27529	PREPARED BY: Haylee Townsend	REVIEWED	BY:			ORTER
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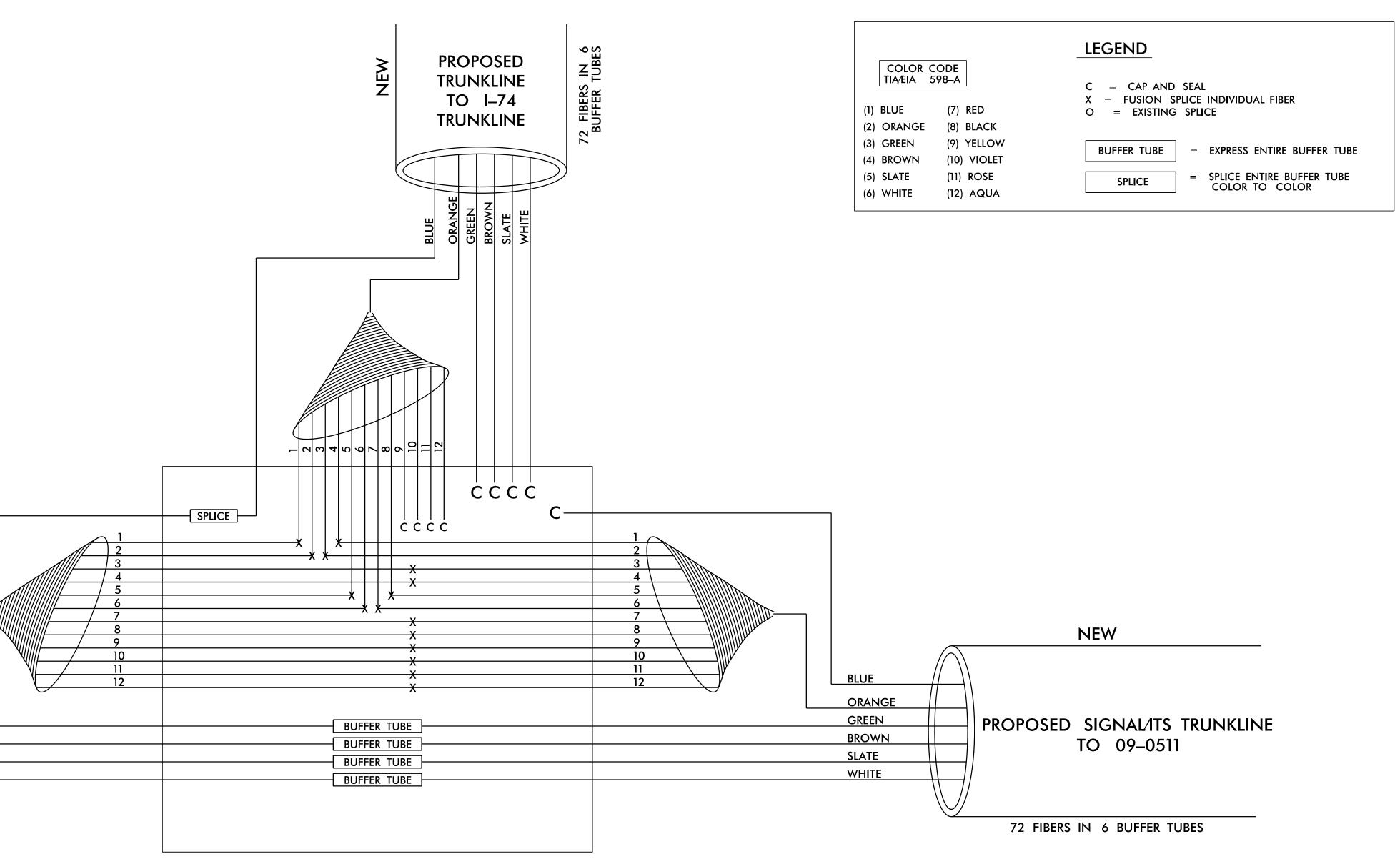


		TRODECT REFERENCE NO.	SHELT NO.
		R - 2577A	SCP 33
		LEGEND	
COLOR C			
TIA/EIA 59	98–A	C = CAP AND SEAL	
		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	O = EXISTING SPLICE	
(2) ORANGE	(8) BLACK		
(3) GREEN	(9) YELLOW		
(4) BROWN	(10) VIOLET	BUFFER TUBE = EXPRESS ENTIRE BUFFER TUBE	
(5) SLATE	(11) ROSE	SPLICE = SPLICE ENTIRE BUFFER TUBE	
(6) WHITE	(12) AQUA	SPLICE SPLICE EINTRE BOFFER TOBE	

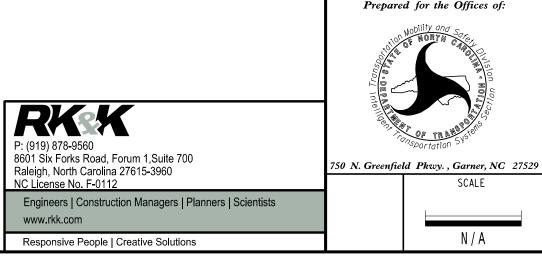
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						T CONSIDERED FINAL NATURES COMPLETED
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	Division 09 Forsyth	County		Winston Wal	-Salem/ kertown	€
TONSPORTATION SUS		REVIEWED REVIEWED		er Ericks	on-Jones	MGINEER.
senfield Pkwy., Garner, NC 27529 SCALE	REVISIONS			INIT.	DATE	DocuSigned By
						Porter Jours 2/12/2024 DOGETI3F3A0E0408 DATE DATE
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SPLICE ENCLOSURE FOR TRUNKLINE TO I-74 SHEET SCP 14 NEW BLUE ORANGE PROPOSED SIGNALITS TRUNKLINE GREEN BROWN FROM 09–0510 SLATE WHITE 72 FIBERS IN 6 BUFFER TUBES

FIBER OPTIC CABLE



SPLICE TRAY



	R - 2577A	SCP 34
	LEGEND	
COLOR CODE TIA⁄EIA 598–A		
	C = CAP AND SEAL X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE (7) RED (2) ORANGE (8) BLACK	O = EXISTING SPLICE	
(3) GREEN (9) YELLOW		
(4) BROWN (10) VIOLET	BUFFER TUBE = EXPRESS ENTIRE BUFFER TUBE	
(5) SLATE (11) ROSE	SPLICE = SPLICE ENTIRE BUFFER TUBE	
(6) WHITE (12) AQUA	COLOR TO COLOR	

PROJECT REFERENCE NO. SHEET NO.

NOTES:

1. FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY, ACTUAL EQUIPMENT FORM MAY VARY. UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY.
 UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE TRAY.
 ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING /ENSURING PROPER TERMINATION. 5. INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING: (1) SPLICE (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 TO THE ENGINEER. DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED Prepared for the Offices of: SEAL SPLICE DETAILS TH CARO OFESSION SEAL Winston-Salem/ 056142 Walkertown Division 09 Forsyth County FIV GINEER PLAN DATE: February 2024 REVIEWED BY: Porter Erickson-Jones

PREPARED BY: Haylee Townsend REVIEWED BY:

REVISIONS

SCALE

N/A

RTER

2/12/2024

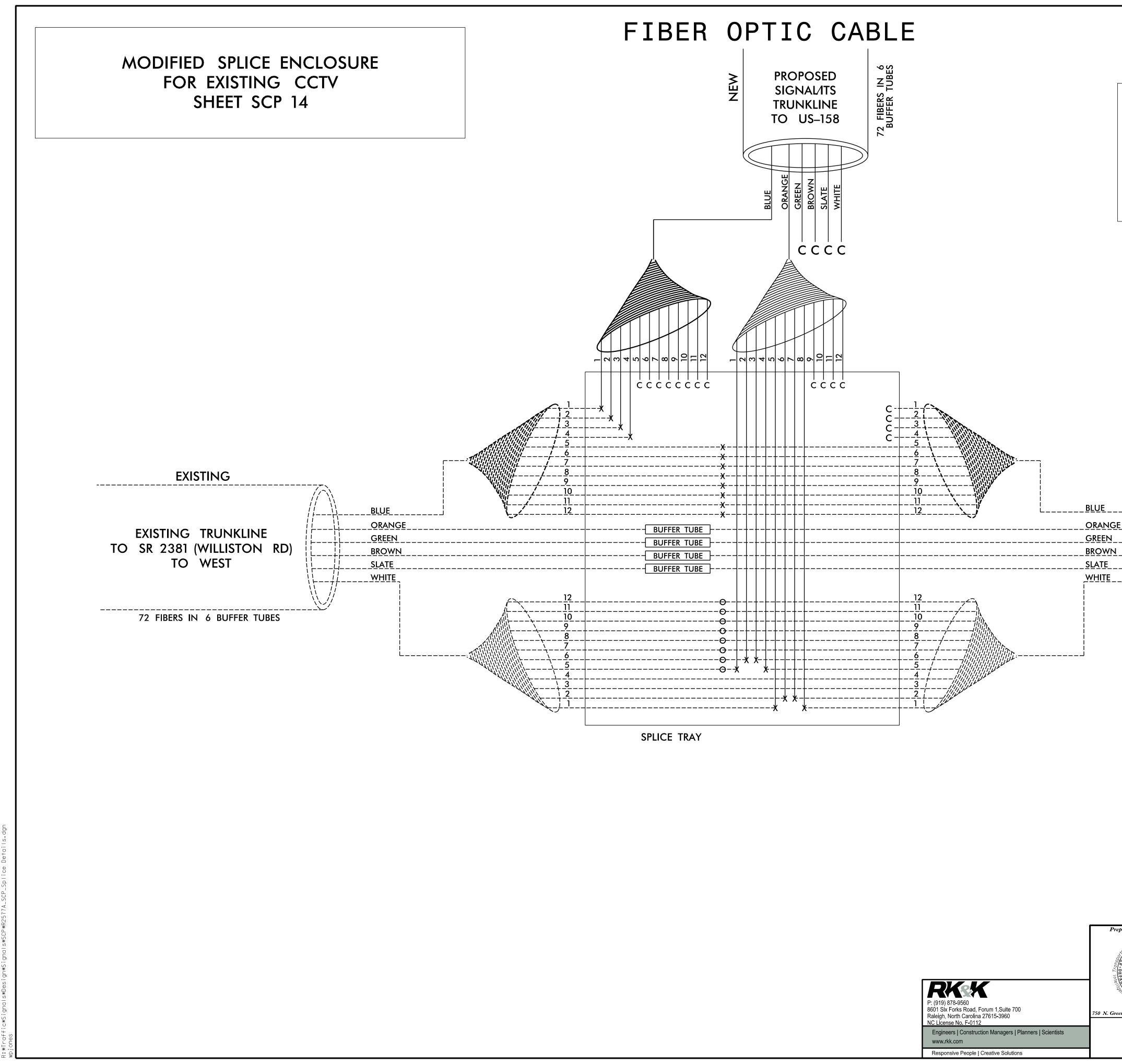
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Porter Jones

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INIT. DATE



				R - 2577A	SCP 35
	7	LEGEND			
COLOR CODE TIA⁄EIA 598–A					
		C = CAP AND SE X = FUSION SPLIC			
(1) BLUE (7)	RED	O = EXISTING SI		FIDER	
(2) ORANGE (8)	BLACK				
(3) GREEN (9)	YELLOW	BUFFER TUBE	= EXPRESS EN	TIRE BUFFER TUBE	
(4) BROWN (10)	VIOLET	BOTTER TODE	- LAIRESS LIN	TIRE BOTTER TODE	
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(6) WHITE (12)	AQUA		COLOR TO	COLOK	

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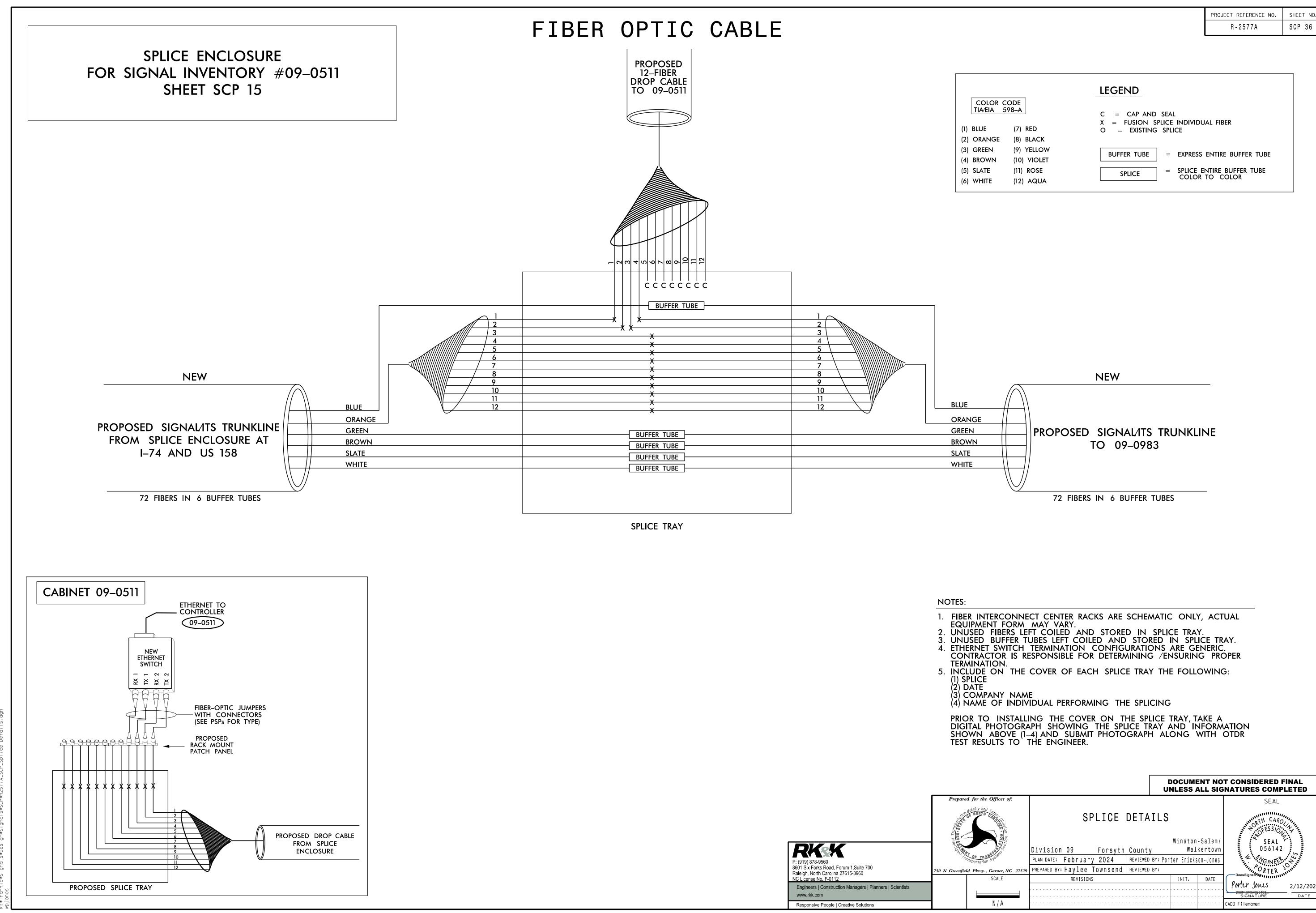
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~	EXISTING	
	EXISTING TRUNKLINE TO D9–DMS37 TO EAST	
	72 FIBERS IN 6 BUFFER TUBES	

NOTES:

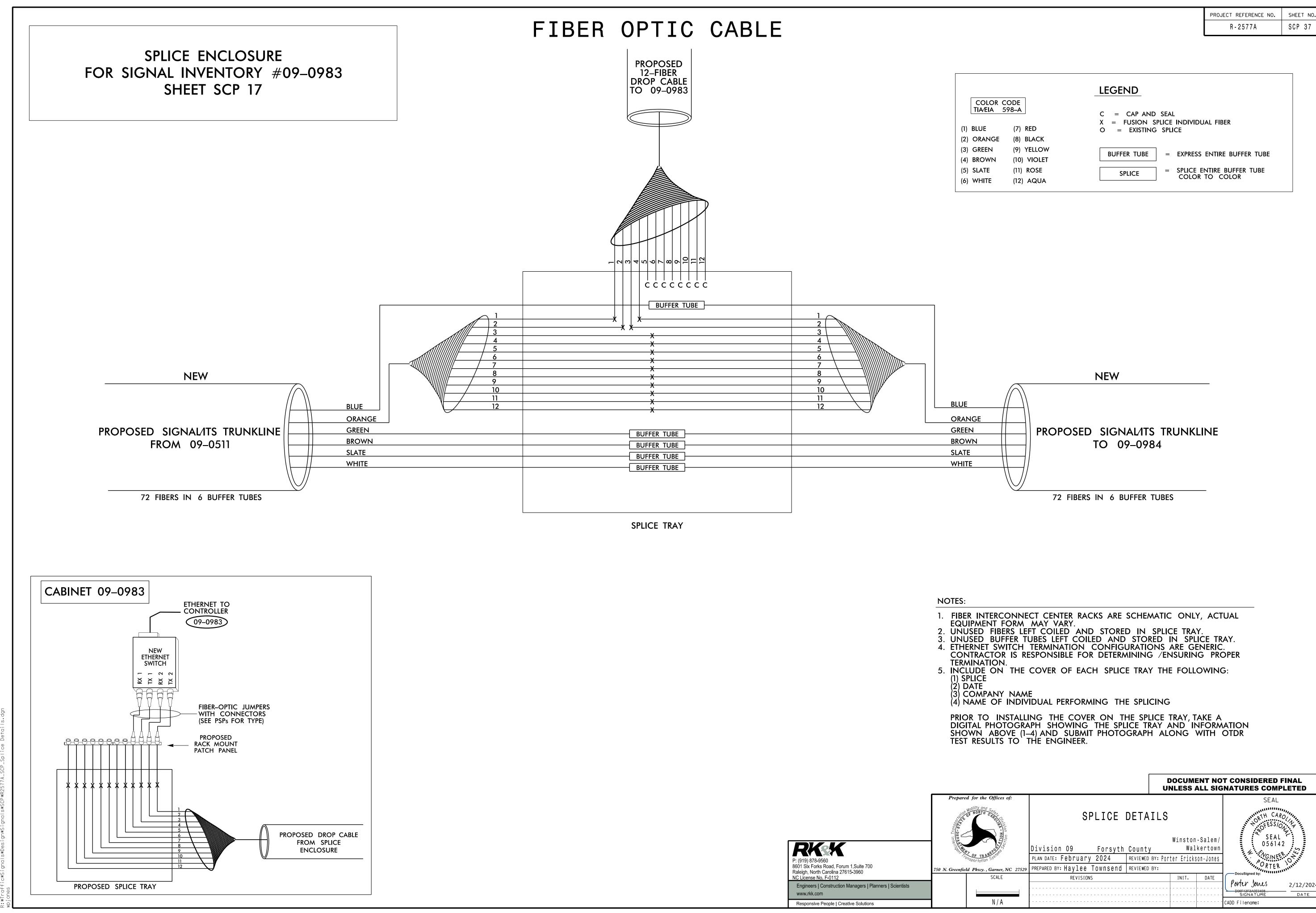
- 1. FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY, ACTUAL
- EQUIPMENT FORM MAY VARY.
- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY.
 UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE TRAY.
 ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING /ENSURING PROPER TERMINATION.
- 5. INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING: (1) SPLICE (2) DATE
- (3) COMPANY NAME
- (4) NAME OF INDIVIDUAL PERFORMING THE SPLICING

						T CONSIDERED FINAL NATURES COMPLETED
pared for the Offices of:	SPLICE	DETA	ILS			SEAL PRTH CARO POFESSION
	Division 09 Forsyth	County		Winston Wal	-Salem/ kertown	SEAL 056142
Proportation System	PLAN DATE: February 2024	REVIEWED	BY: Port	er Ericks	on-Jones	A CINER OF
enfield Pkwy. , Garner, NC 27529	PREPARED BY: Haylee Townsend	REVIEWED	BY:			RTER
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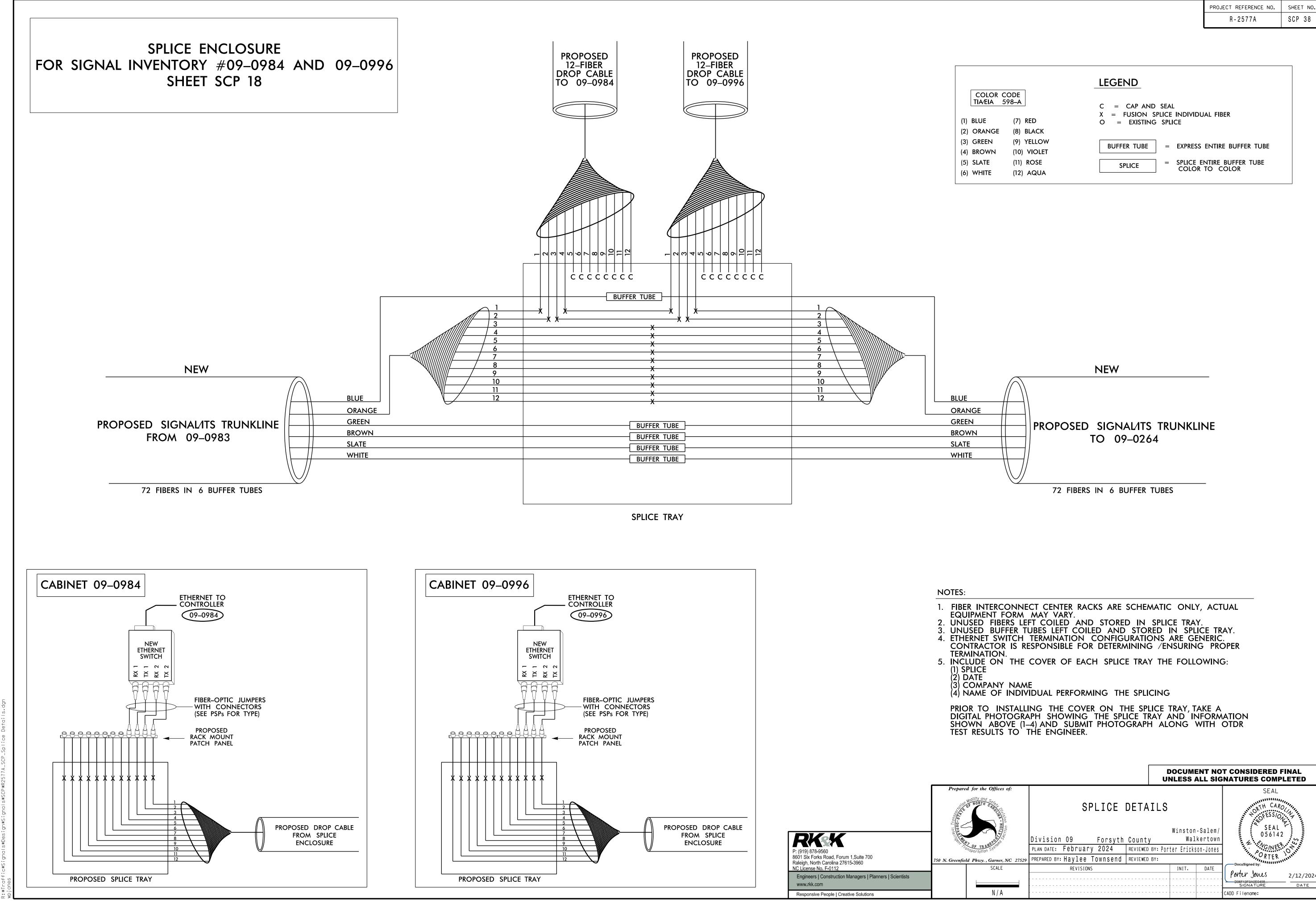
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COLOR	CODE			
	598–A	C = CAP AND SEAL		
		X = FUSION SPLICE INDIVIDUAL FIBER		
(1) BLUE	(7) RED	O = EXISTING SPLICE		
(2) ORANGE	(8) BLACK			
(3) GREEN	(9) YELLOW			
(4) BROWN	(10) VIOLET	BUFFER TUBE = EXPRESS ENTIRE BUFFER TUBE		
• •		SPLICE = SPLICE ENTIRE BUFFER TUBE		
(5) SLATE	(11) ROSE	SPLICE - SPLICE ENTIRE BUFFER TOBE		

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Propertation System	PLAN DATE: February 2024	REVIEWED	BY: Port	er Ericks	on-Jones	Z . NGINEER	
enfield Pkwy. , Garner, NC 27529	PREPARED BY: Haylee Townsend	REVIEWED	BY:			ORTER JUNIO	
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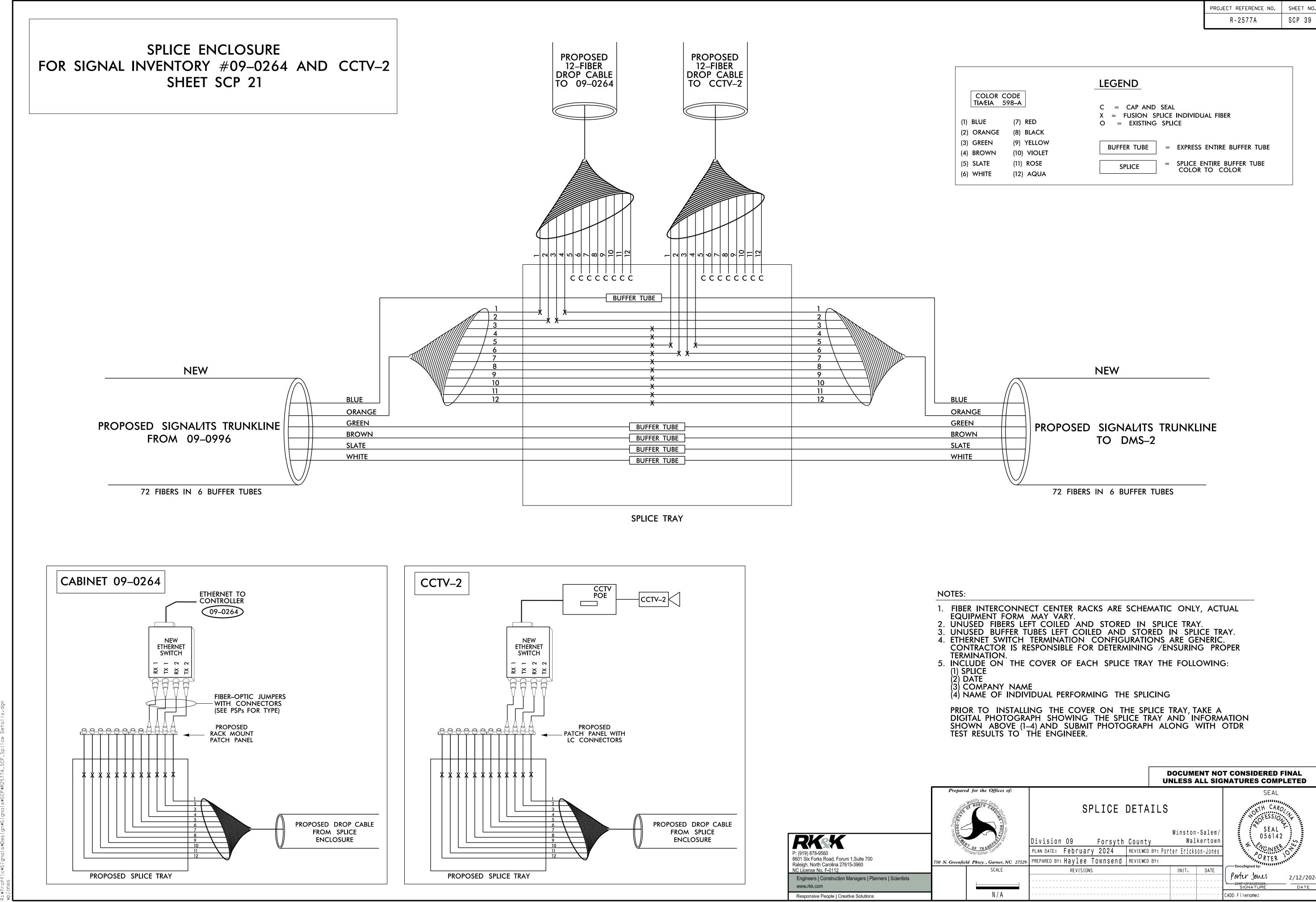
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		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	O = EXISTING SPLICE	
(2) ORANGE	(8) BLACK		
(3) GREEN	(9) YELLOW	BUFFER TUBE = EXPRESS ENTIRE BUFFER TUBE	
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE	SPLICE = SPLICE ENTIRE BUFFER TUBE	
		COLOR TO COLOR	

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NORTH CARLES	SPLICE I	DETA	ILS			NORTH CAR	
				Winston	-Salem/	SEAL 05614	
	Division 09 Forsyth	County		Wal	kertown	00014,	S
PORSPORTATION SYSTEM	PLAN DATE: February 2024	REVIEWED	BY: ₽ort	er Ericks:	on-Jones	V.G/NEE	0,11
eenfield Pkwy. , Garner, NC 27529	PREPARED BY: Haylee Townsend	REVIEWED	BY:			RTER	
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						Porter Jones	2/12/2024
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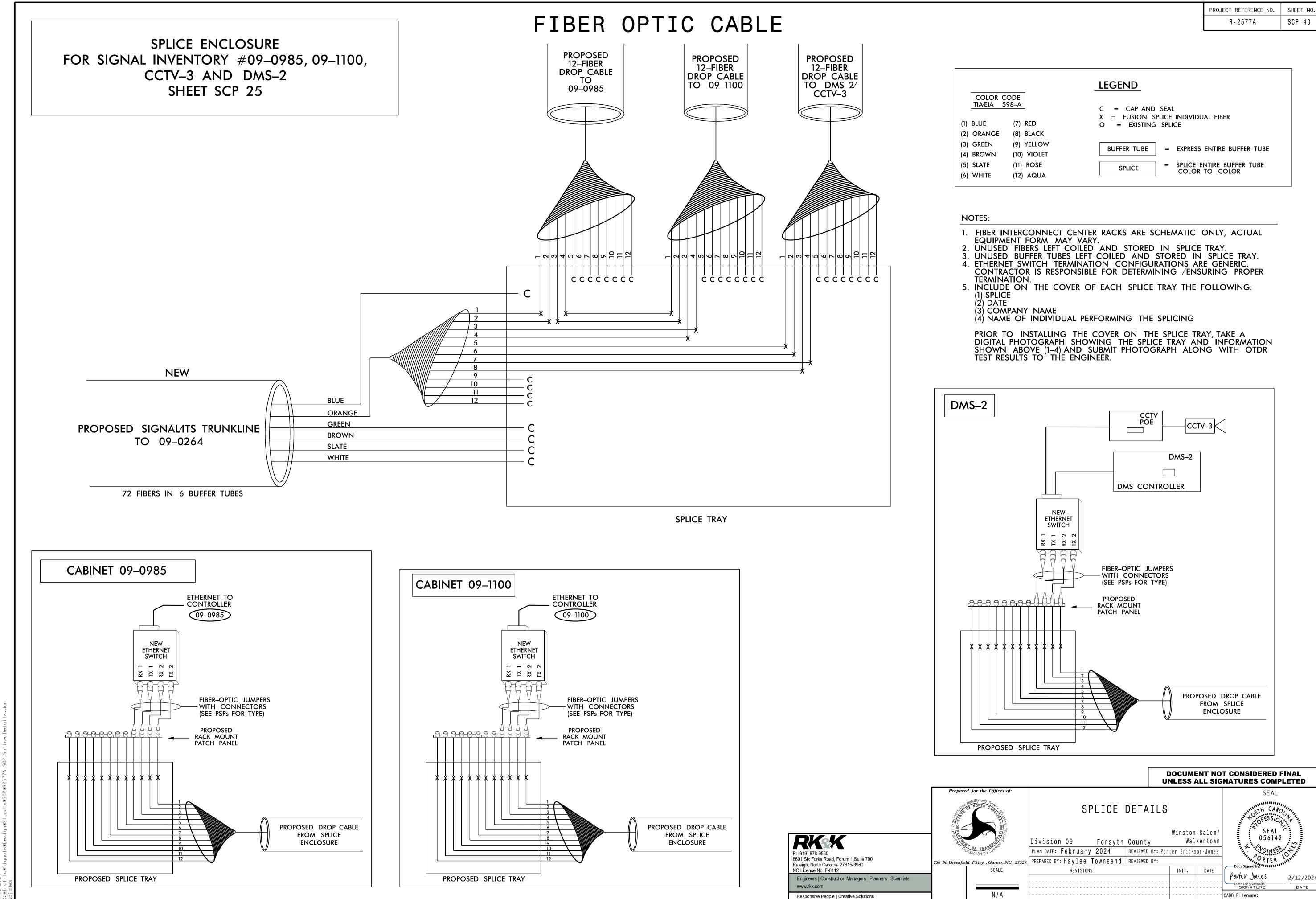
		PROJECT REFERENCE NO.	SHEET NO
		R - 2577A	SCP 38
		LEGEND	
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TIA/EIA	598–A	C = CAP AND SEAL	
		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	O = EXISTING SPLICE	
(2) ORANGE	(8) BLACK		
(3) GREEN	(9) YELLOW	BUFFER TUBE = EXPRESS ENTIRE BUFFER TUBE	
(4) BROWN	(10) VIOLET	BOTTER TODE - EAFRE33 EINTIRE BOFFER TOBE	
/->	(11) ROSE	SPLICE = SPLICE ENTIRE BUFFER TUBE	
(5) SLATE			

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	OF TRANSPORT	Division 09 Forsyth (PLAN DATE: February 2024 F	County REVIEWED BY:			kertown	SEAL 056142	
enfiel	^{osp} ortation ³³ d Pkwy., Garner, NC 27529		REVIEWED BY:		EL ELTENS	011-001162	DocuSigned by:	
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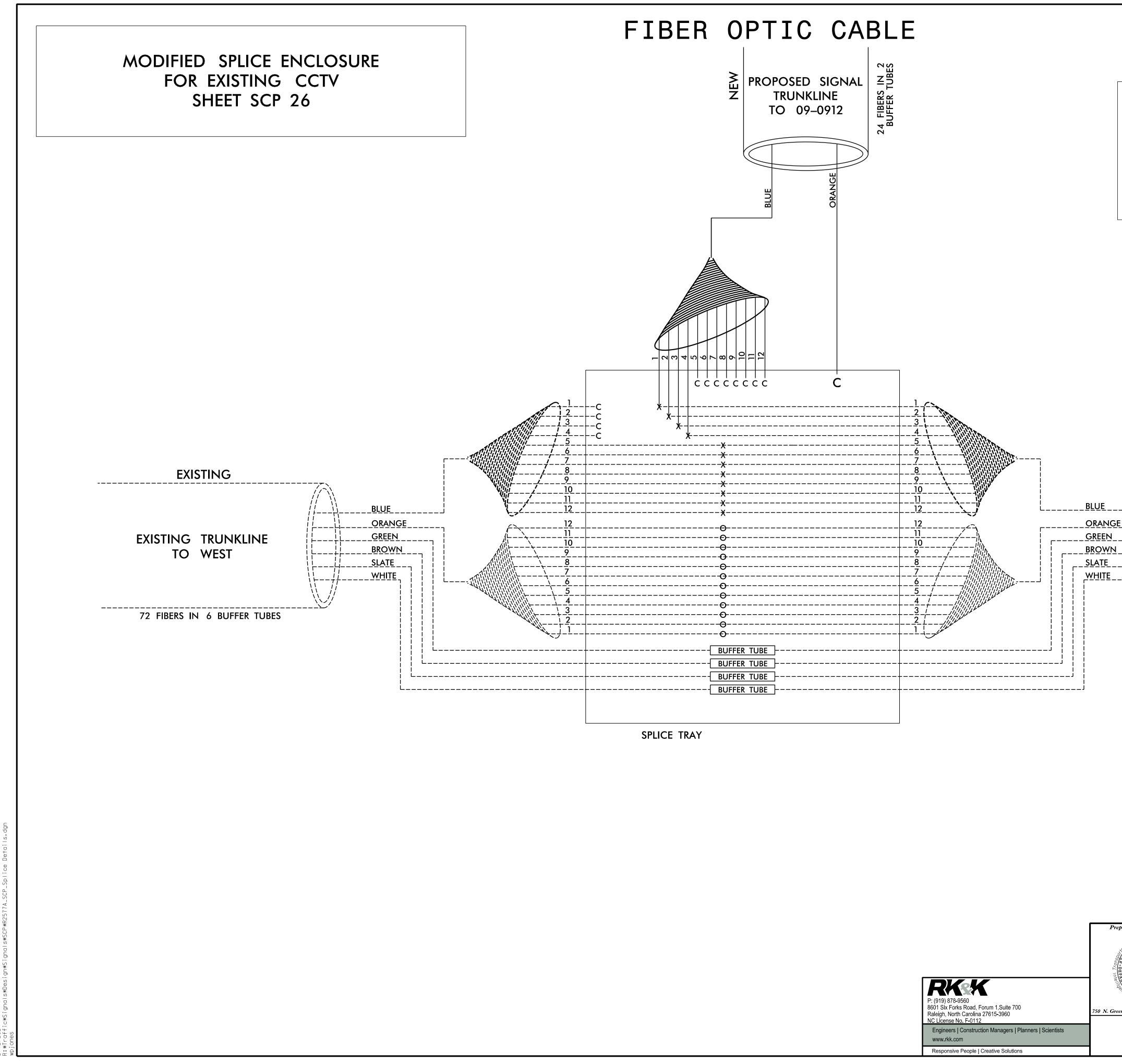


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		R - 2577A	SCP 39
		LEGEND	
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		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	O = EXISTING SPLICE	
(2) ORANGE	(8) BLACK		
(3) GREEN	(9) YELLOW	BUFFER TUBE = EXPRESS ENTIRE BUFFER TUBE	
(4) BROWN	(10) VIOLET	BOTTER TOBE - EXFRESS EINTIRE BOFFER TOBE	
(5) SLATE	(11) ROSE	SPLICE = SPLICE ENTIRE BUFFER TUBE	
		COLOR TO COLOR	

									T CONSIDER		
pared for the Offices of:			SI	PLICE	DETA	ILS			SE VORTH VORTH	CARO	A
	cetion	Division		Forsyth				kertown		AL 6142	ES
ansportation SVS		PLAN DATE: PREPARED BY:	Februar	y 2024 Townsend	REVIEWED		ter Ericks	on-Jones	PORT	ER	
enfield Pkwy. , Garner,	NC 27529	FREFARED DI	• nayiee	TOWIISEIIU	REVIEWED	DI.			DocuSigned by:	inner.	
SCALE			REVISION	S			INIT.	DATE			
									Porter Jones	2	2/12/2024
									D06F13F3A0E0408 SIGNATURE		DATE
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	LEGEND
COLOR CODE TIA/EIA 598–A	C = CAP AND SEAL X = FUSION SPLICE INDIVIDUAL FIBER
(2) ORANGE (8) BLACK	O = EXISTING SPLICE
(3) GREEN (9) YELLOW	BUFFER TUBE = EXPRESS ENTIRE BUFFER TUBE
(4) BROWN (10) VIOLET	
(5) SLATE (11) ROSE	SPLICE = SPLICE ENTIRE BUFFER TUBE
(6) WHITE (12) AQUA	COLOR TO COLOR



	R - 2577A	SCP 41
	LEGEND	
COLOR CODE TIA/EIA 598–A	C = CAP AND SEAL	
(1) BLUE (7) RED	X = FUSION SPLICE INDIVIDUAL FIBER O = EXISTING SPLICE	
(2) ORANGE (8) BLACK		
(3) GREEN (9) YELLOW	BUFFER TUBE = EXPRESS ENTIRE BUFFER TUBE	
(4) BROWN (10) VIOLET		
(5) SLATE (11) ROSE	SPLICE = SPLICE ENTIRE BUFFER TUBE	
(6) WHITE (12) AQUA	COLOR TO COLOR	

PROJECT REFERENCE NO.

SHEET NO

 EXISTING
EXISTING TRUNKLINE TO R–2577A TO EAST
 72 FIBERS IN 6 BUFFER TUBES

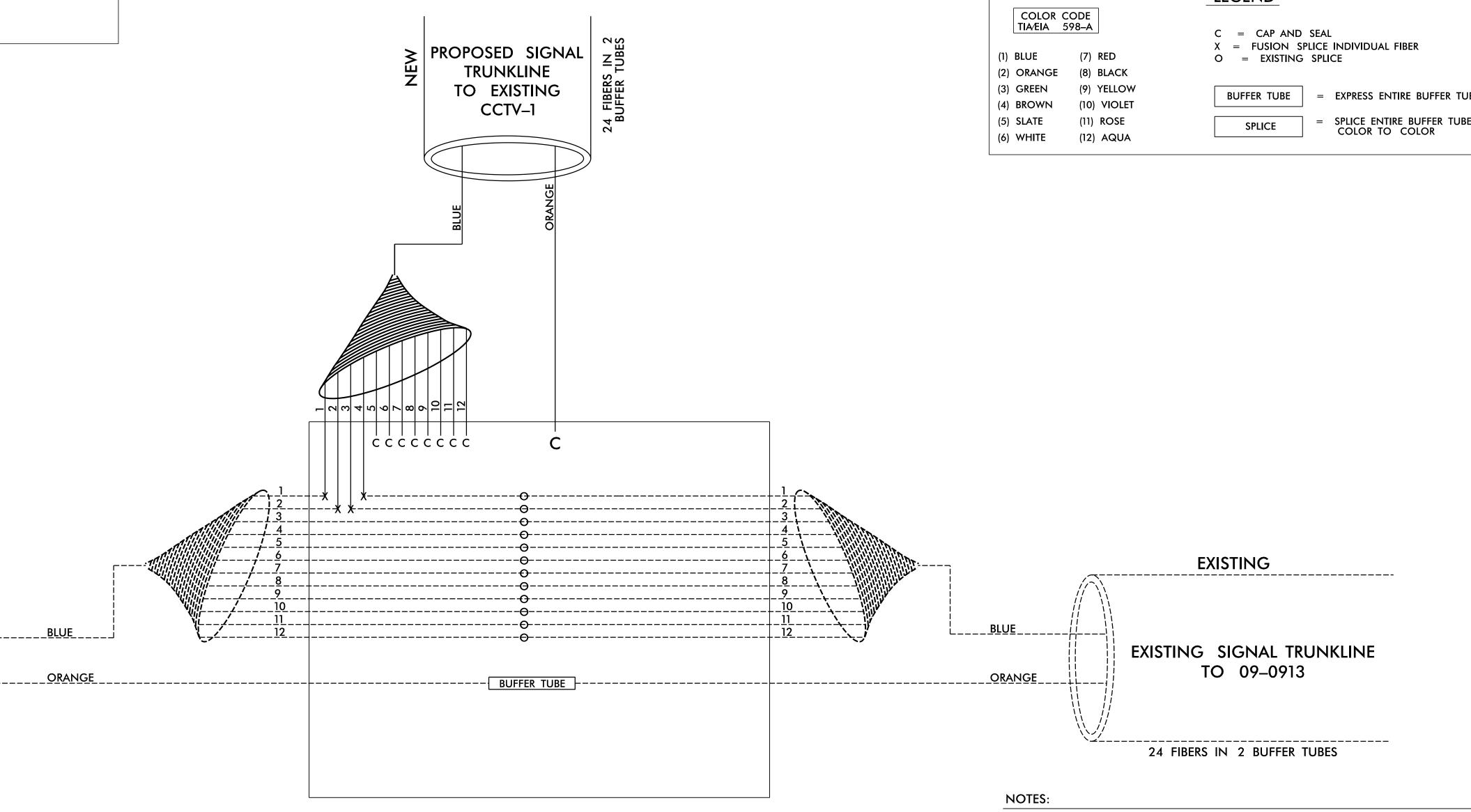
NOTES:

- 1. FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY, ACTUAL
- EQUIPMENT FORM MAY VARY.
- 2. UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY. 3. UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE TRAY. 4. ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING /ENSURING PROPER TERMINATION.
- 5. INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING: (1) SPLICE (2) DATE
- (3) COMPANY NAME
- (4) NAME OF INDIVIDUAL PERFORMING THE SPLICING

					T CONSIDERED FINAL NATURES COMPLETED
pared for the Offices of:	SPLICE DE	SEAL NORTH CAROLINA VOFESSION			
	Division 09 Forsyth Co			kertown	SEAL 056142
enfield Pkwy., Garner, NC 27529		VIEWED BY: Por [.]	LEF EFICKS	on-Jones	ORTER JOINT
SCALE	REVISIONS		INIT.	DATE	Porter Jones 2/12/2024
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MODIFIED SPLICE ENCLOSURE FOR SIGNAL INVENTORY 09–0912 SHEET SCP 26 EXISTING -----____BLUE____ EXISTING SIGNAL TRUNKLINE FROM 09-0911 ____ ------24 FIBERS IN 2 BUFFER TUBES

FIBER OPTIC CABLE



SPLICE TRAY



COLOR CODE TIA/EIA 598–A C = CAP AND SEAL
X = FUSION SPLICE INDIVIDUAL FIBER
(1) BLUE (7) RED $O = EXISTING SPLICE$
(2) ORANGE (8) BLACK
(3) GREEN (9) YELLOW BUFFER TUBE = EXPRESS ENTIRE BUFFER TUBE
(4) BROWN (10) VIOLET
(5) SLATE (11) ROSE SPLICE = SPLICE ENTIRE BUFFER TUBE
(6) WHITE (12) AQUA COLOR TO COLOR

PROJECT REFERENCE NO.

SHEET NO

- 1. FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY, ACTUAL
- PIDER INTERCONNECT CLINER RACKS ARE SCHLMANC CITET, ACTOR E EQUIPMENT FORM MAY VARY.
 UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY.
 UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE TRAY.
 ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING /ENSURING PROPER
- TERMINATION. 5. INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING:
- (1) SPLICE (2) DATE
- (3) COMPANY NAME
- (4) NAME OF INDIVIDUAL PERFORMING THE SPLICING

							T CONSIDERED FI	
pared	A for the Offices of:	SPLICE DE	ETA]	LS			SEAL	22. NA.
		Division 09 Forsyth Co				kertown	SEAL 056142	ES
10	Psportation System	PLAN DATE: February 2024 RE	VIEWED E	iY: Port	er Ericks	on-Jones	G/NEL	A
enfiel	d Pkwy. , Garner, NC 27529	PREPARED BY: Haylee Townsend REY	VIEWED E	Y:			DocuSigned by:	, 1° *
	SCALE	REVISIONS			INIT.	DATE		
								2/12/2024
							SIGNATURE	DATE
	N / A						CADD Filename:	

