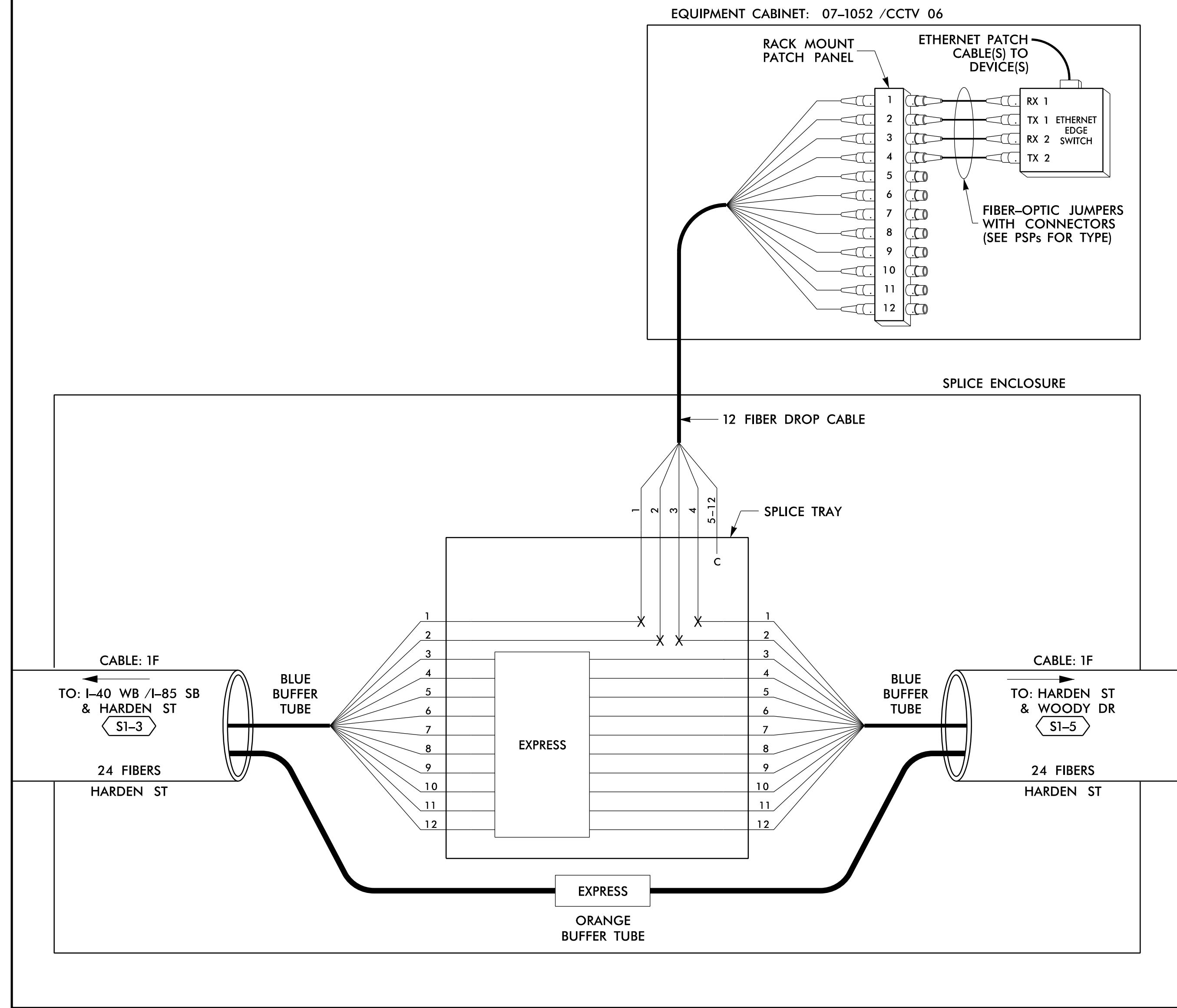


SPLICE NO.

S1-4

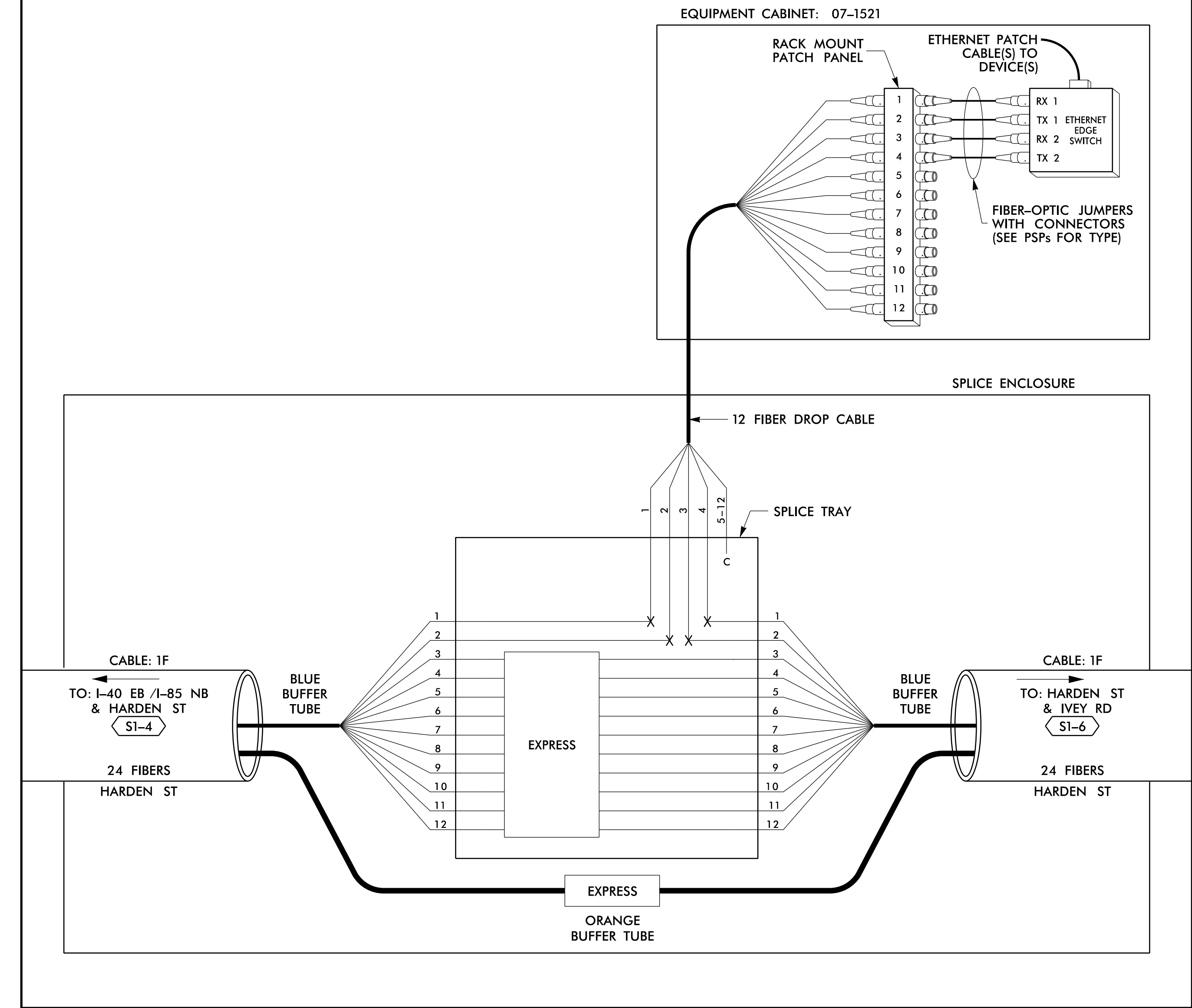
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SEE: CRP-6.106



SPLICE NO.

S1-5

HARDEN ST & WOODY DR
SEE: CRP-6.107



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LEGEND

COLOR CODE		TIA/EIA 598-B	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

NOTES

- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
- EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
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(919) 876-6888 NCBES #F-0326

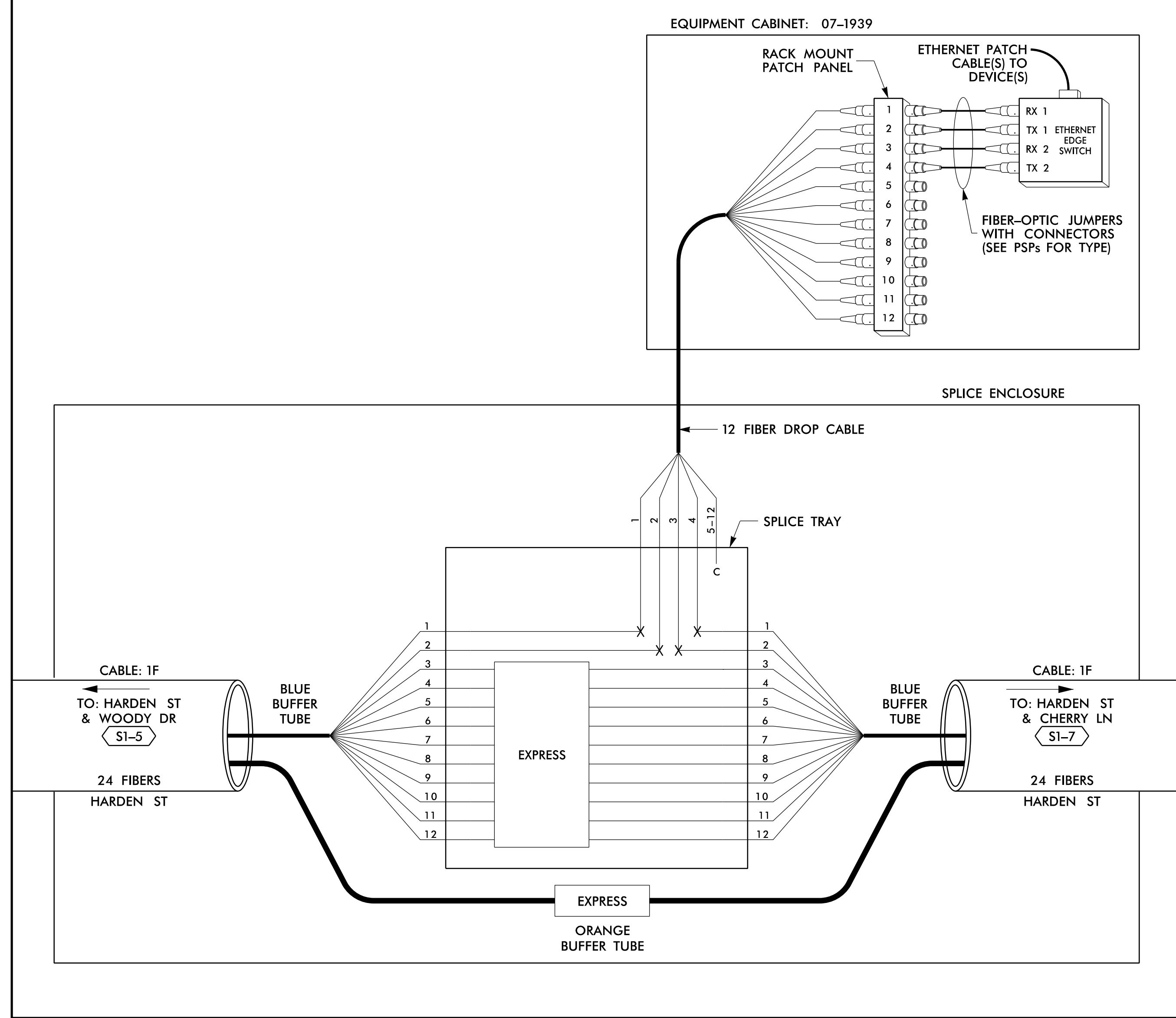
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

<p>750 Greenfield Parkway, Garner, NC 27529</p>	Prepared for the Offices of: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION Transportation Systems		
	Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 Alamance County PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Burlington & Graham REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	
	SCALE: N/A	REVISIONS: _____ INIT.: _____ DATE: _____	

SPLICE NO.

S1-6

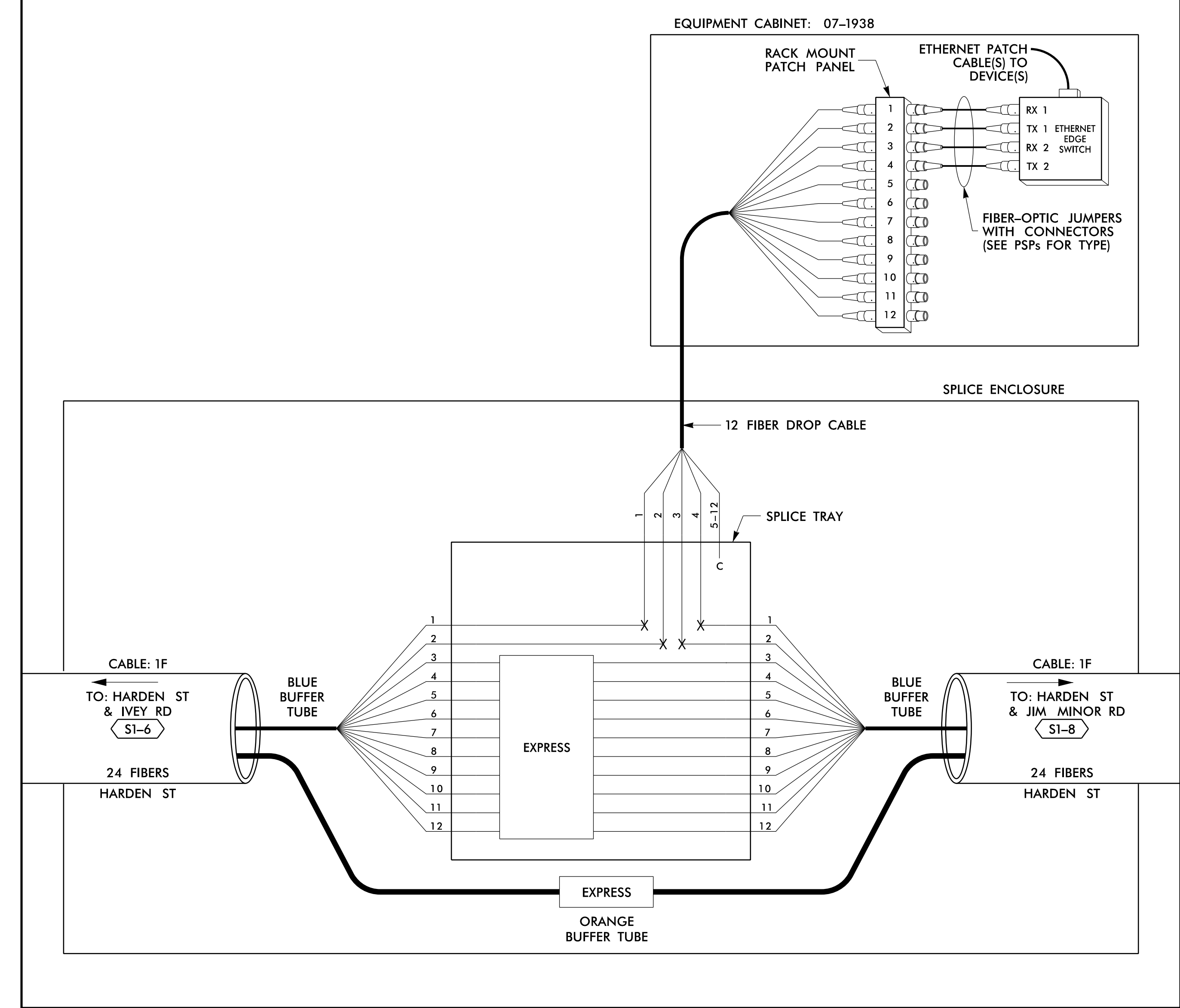
HARDEN ST & IVEY RD
SEE: CRP-6.108



SPLICE NO.

S1-7

HARDEN ST & CHERRY LN
SEE: CRP-6.112



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LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(1) BLUE	(7) RED	C = CAP AND SEAL	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(2) ORANGE	(8) BLACK		EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(3) GREEN	(9) YELLOW			
(4) BROWN	(10) VIOLET			
(5) SLATE	(11) ROSE			
(6) WHITE	(12) AQUA			

NOTES

- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBES #F-0326

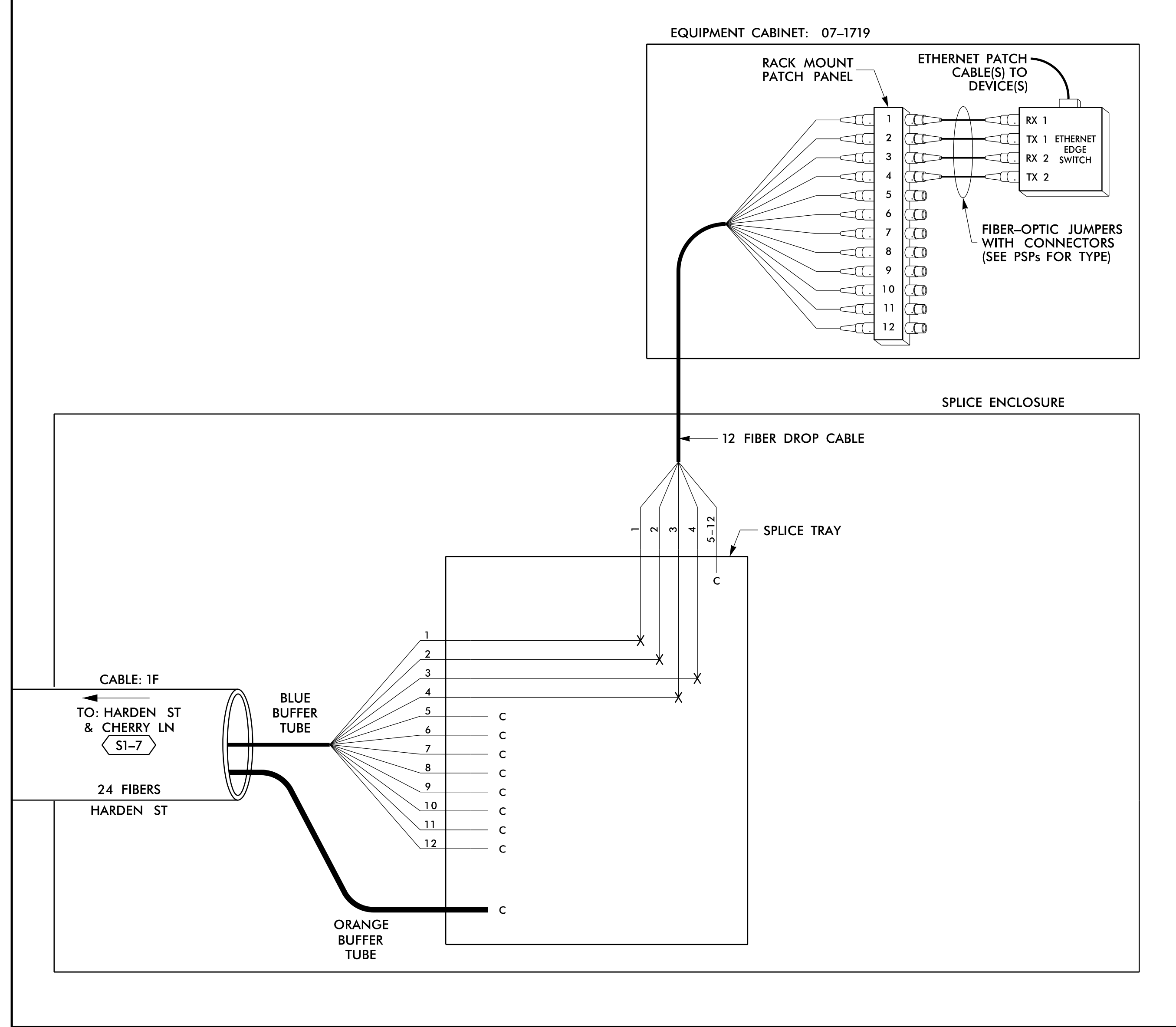
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<p>750 Greenfield Parkway, Garner, NC 27529</p>	<p>Burlington-Graham Signal System Fiber-Optic Splicing Details</p>		
	<p>Division 7 Alamance County</p>	<p>Burlington & Graham</p>	
<p>SCALE: N/A</p>	<p>PLAN DATE: June 2018</p>	<p>REVIEWED BY: HA BADGETT</p>	<p>DATE: 6/15/2018</p>
<p>PREPARED BY: BJ SLOCUM</p>	<p>REVISIONS</p>	<p>REVIEWED BY: DL JONES</p>	<p>DATE</p>

SPLICE NO.

S1-8

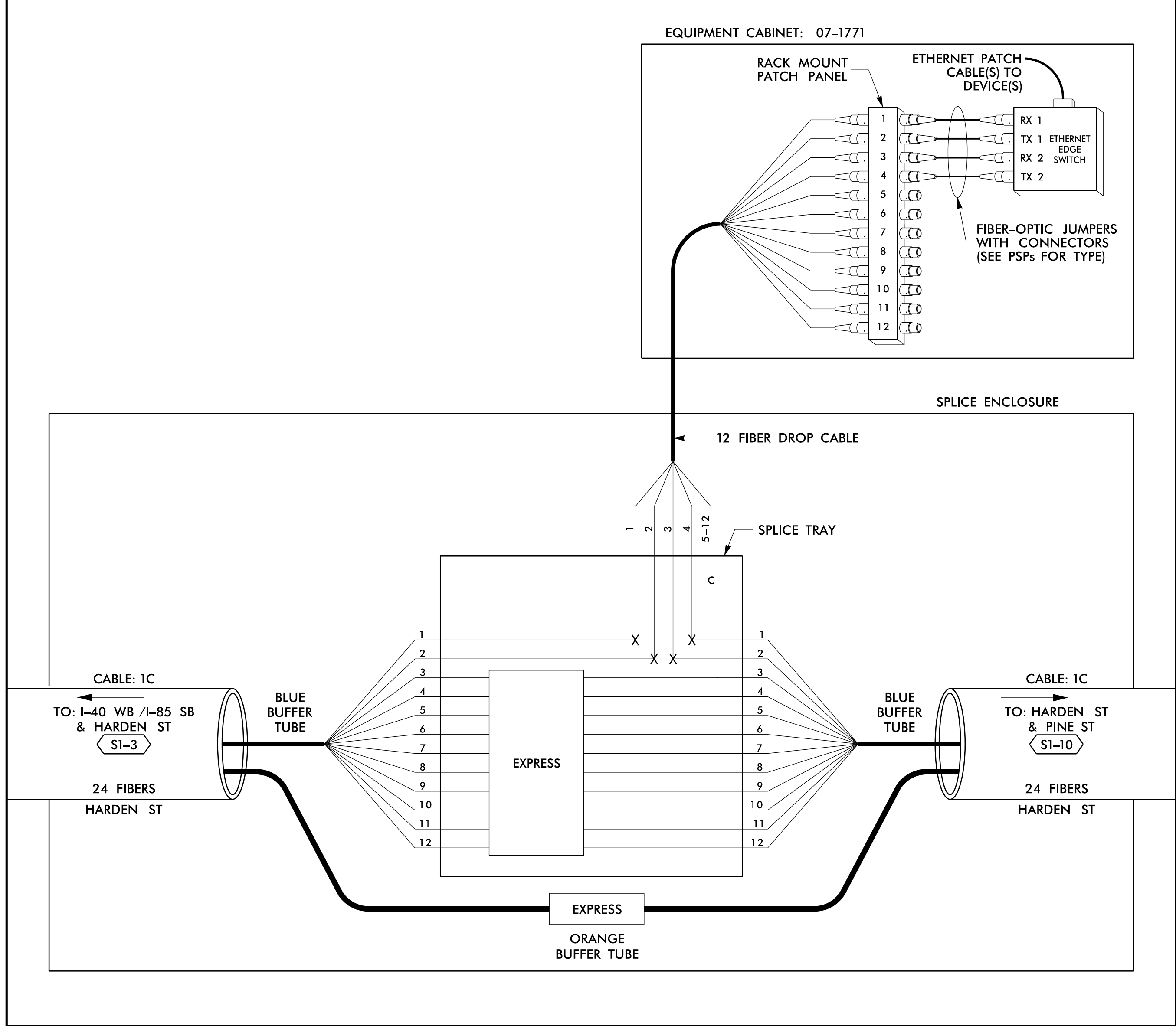
HARDEN ST & JIM MINOR RD
SEE: CRP-6.113



SPLICE NO.

S1-9

HARDEN ST & RIVERBEND RD
SEE: CRP-6.105



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 SLOD3653 AT LUS355433

LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER	
(1) BLUE	(7) RED	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING	
(2) ORANGE	(8) BLACK	C = CAP AND SEAL	
(3) GREEN	(9) YELLOW	EXPRESS	
(4) BROWN	(10) VIOLET	BUFFER SPlice	
(5) SLATE	(11) ROSE	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR	
(6) WHITE	(12) AQUA	EXISTING	
		EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.	

NOTES

1. UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
2. UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
3. EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

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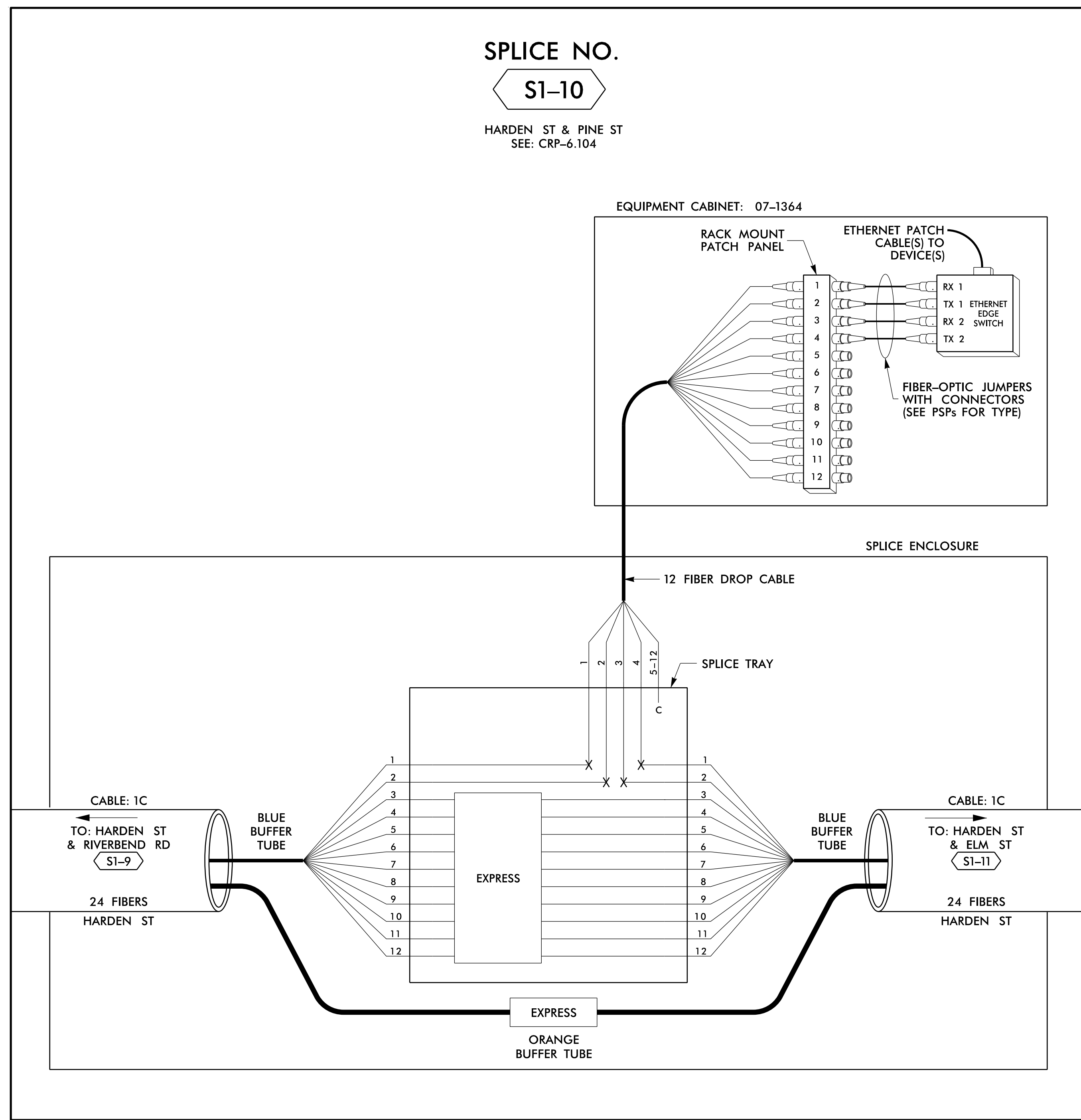
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 Alamance County	Burlington & Graham	
PLAN DATE: June 2018	REVIEWED BY: HA BADGETT	PREPARED BY: BJ SLOCUM	
REVISIONS	INIT.	DATE	DATE
SCALE: N/A	CADD File name: FS_4.007.dgn		

SPLICE NO.

S1-10

HARDEN ST & PINE ST
SEE: CRP-6.104



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LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER C = CAP AND SEAL
(1) BLUE	(7) RED	EXPRESS EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPlice SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING EXISTING BUFFER TUBE /FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	

NOTES

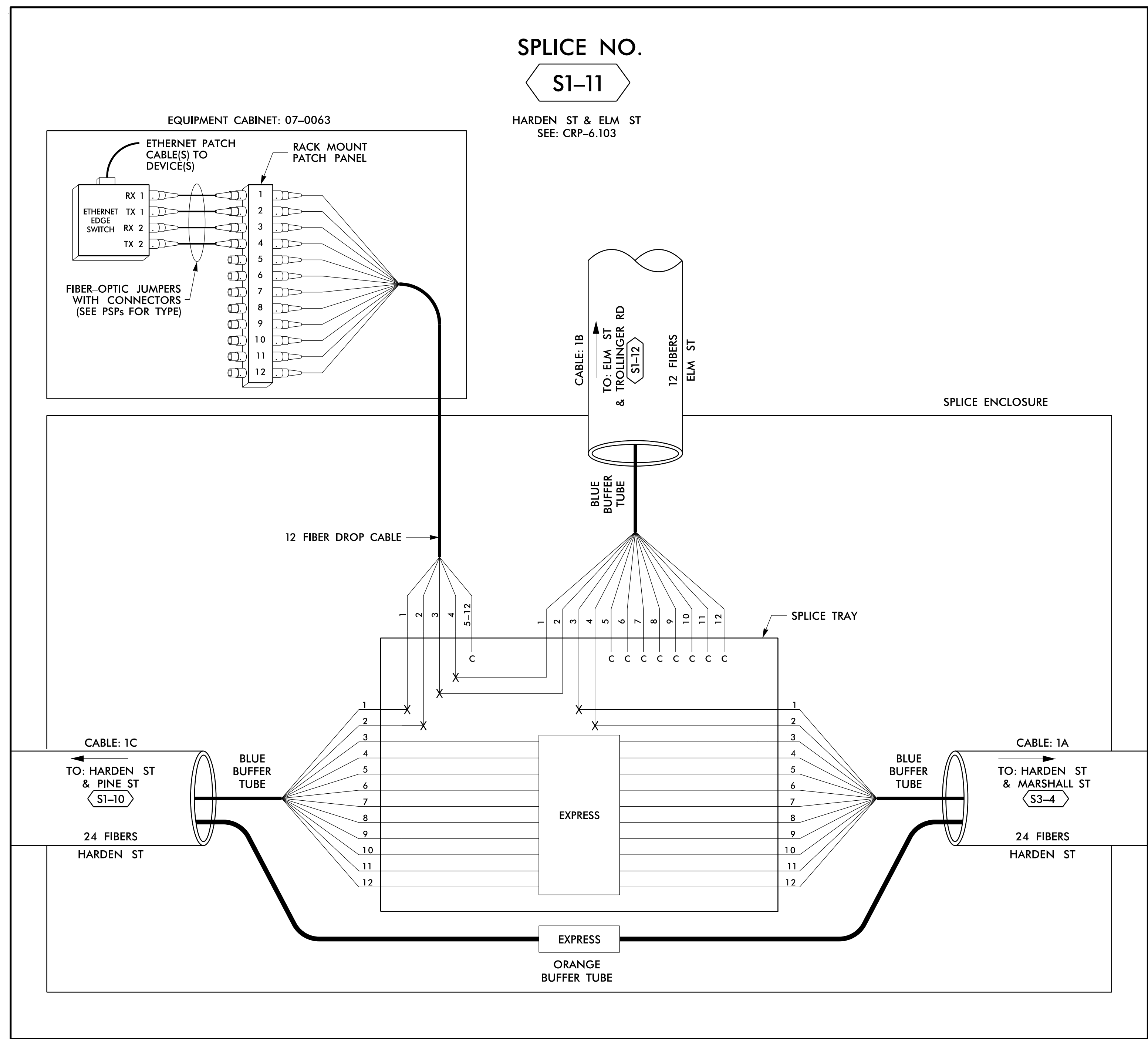
1. UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
2. UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
3. EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

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Prepared for the Offices of: 750 Greenfield Parkway, Garner, NC 27529	Burlington-Graham Signal System Fiber-Optic Splicing Details		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040877 BRADFORD J. SLOCUM 15/2018 DATE
	Division 7 Alamance County Burlington & Graham	PLAN DATE: June 2018 REVIEWED BY: HA BADGETT	
SCALE: N/A	REVISIONS	INIT. DATE	DATE

CAAD File name: FS_4.008.dgn



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COLOR CODE		LEGEND	
(1) BLUE	(7) RED	X = FUSION SPlice INDIVIDUAL FIBER	EXPRESS
(2) ORANGE	(8) BLACK	C = CAP AND SEAL	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(3) GREEN	(9) YELLOW		BUFFER SPlice
(4) BROWN	(10) VIOLET		SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(5) SLATE	(11) ROSE		EXISTING
(6) WHITE	(12) AQUA		EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.

- NOTES**
- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
 - UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

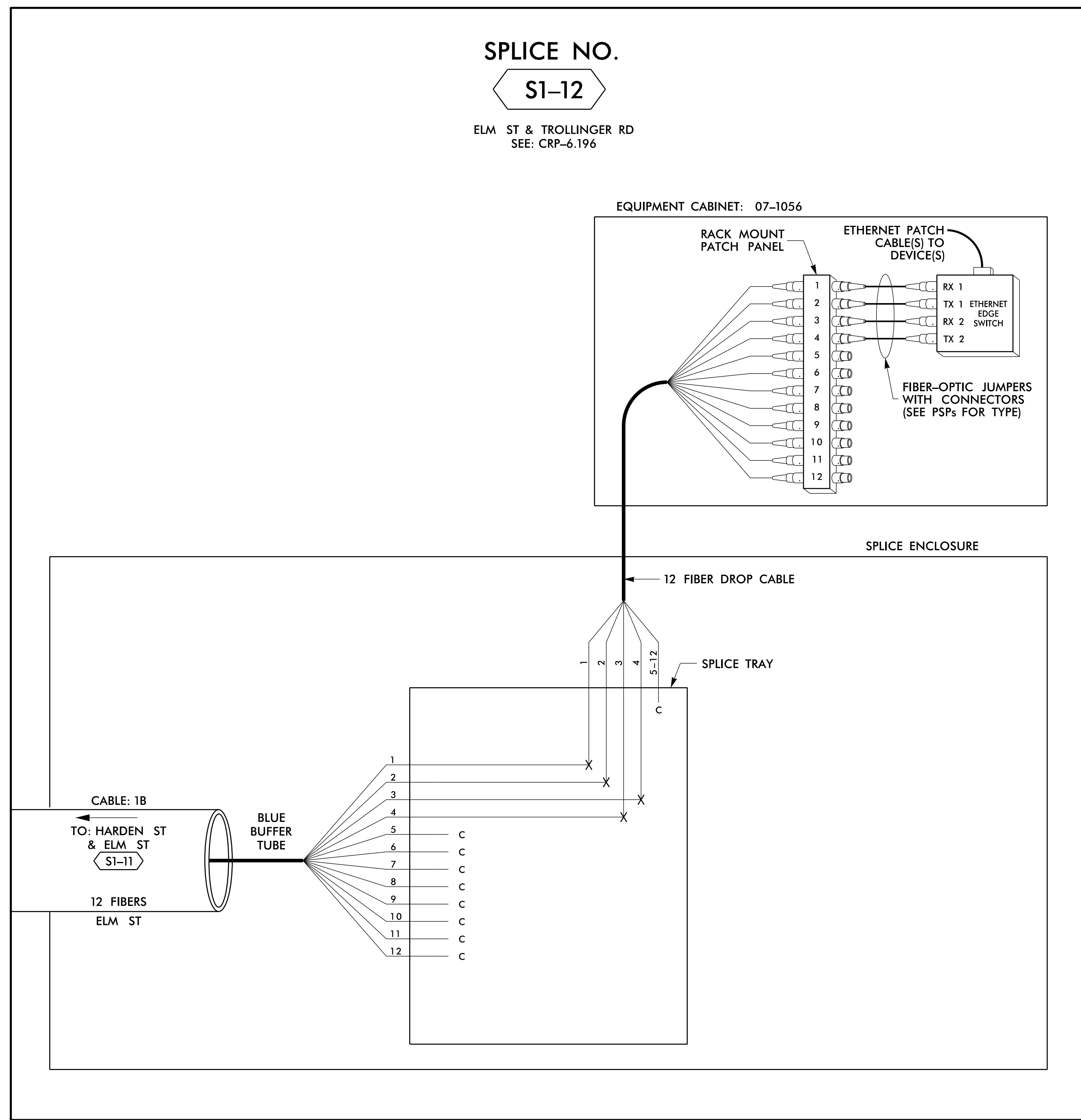
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	Burlington-Graham Signal System Fiber-Optic Splicing Details		
750 Greenfield Parkway, Garner, NC 27529 SCALE: N/A	PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	REVISIONS INIT. DATE

CAAD File name: FS 4.009.dgn

SPLICE NO.

S1-12

ELM ST & TROLLINGER RD
SEE: CRP-6.196



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LEGEND


COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER C = CAP AND SEAL
(1) BLUE	(7) RED	EXPRESS EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	
(3) GREEN	(9) YELLOW	BUFFER SPlice SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	EXISTING EXISTING BUFFER TUBE /FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.
(6) WHITE	(12) AQUA	

NOTES

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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEEES #F-0326

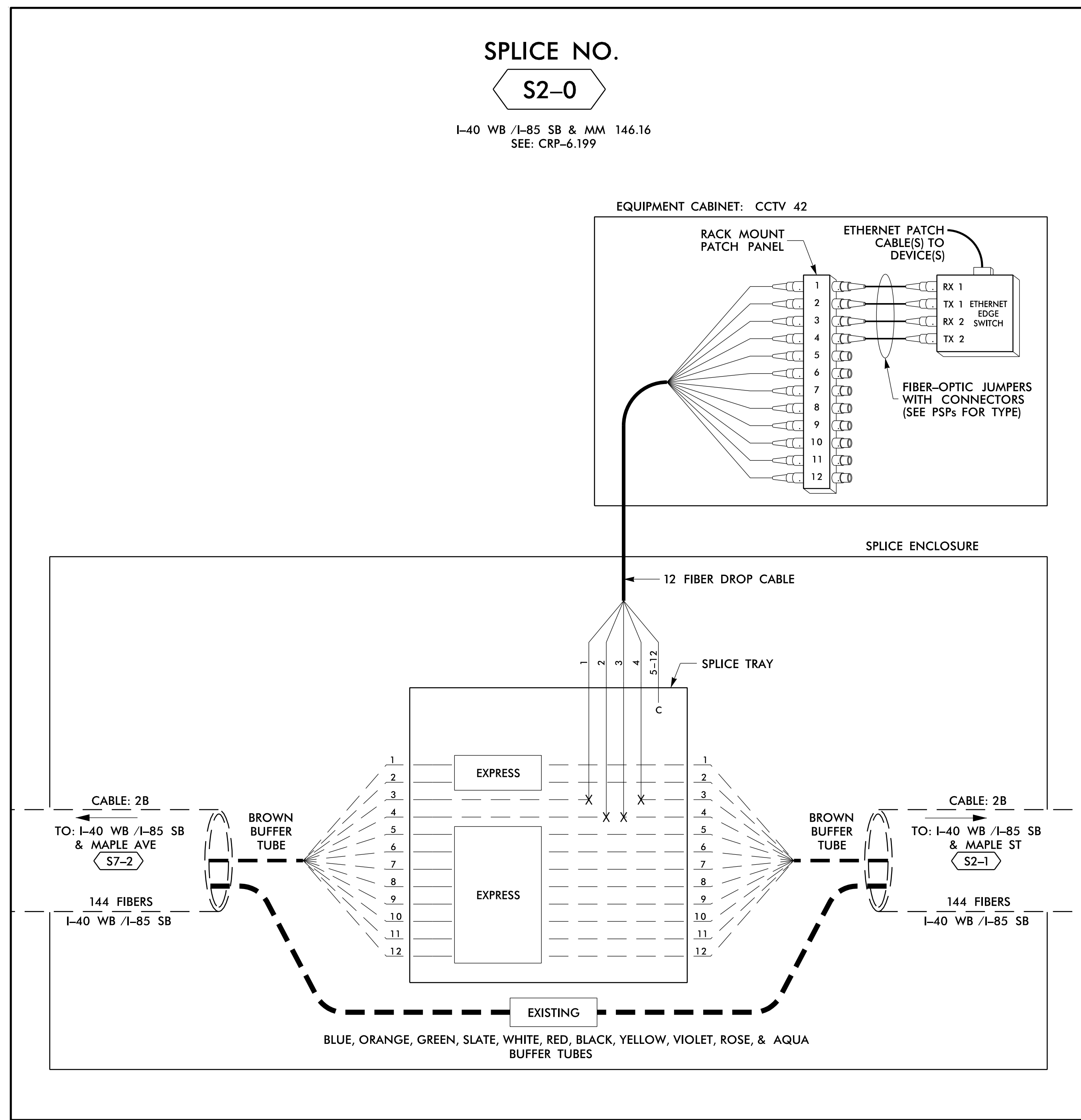
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of:  750 Greenfield Parkway, Garner, NC 27529	Burlington-Graham Signal System Fiber-Optic Splicing Details		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040877 BRADFORD J. SLOCUM 15/2018 DATE
	Division 7 Alamance County Burlington & Graham	PLAN DATE: June 2018 REVIEWED BY: HA BADGETT	
SCALE N/A	REVISIONS INIT. DATE		CAD File name: FS_4.010.dgn

SPLICE NO.

S2-0

I-40 WB /I-85 SB & MM 146.16
SEE: CRP-6.199



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 SLODC363 AT LUS355433

LEGEND

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


EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING
 SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
 EXISTING BUFFER TUBE /FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.

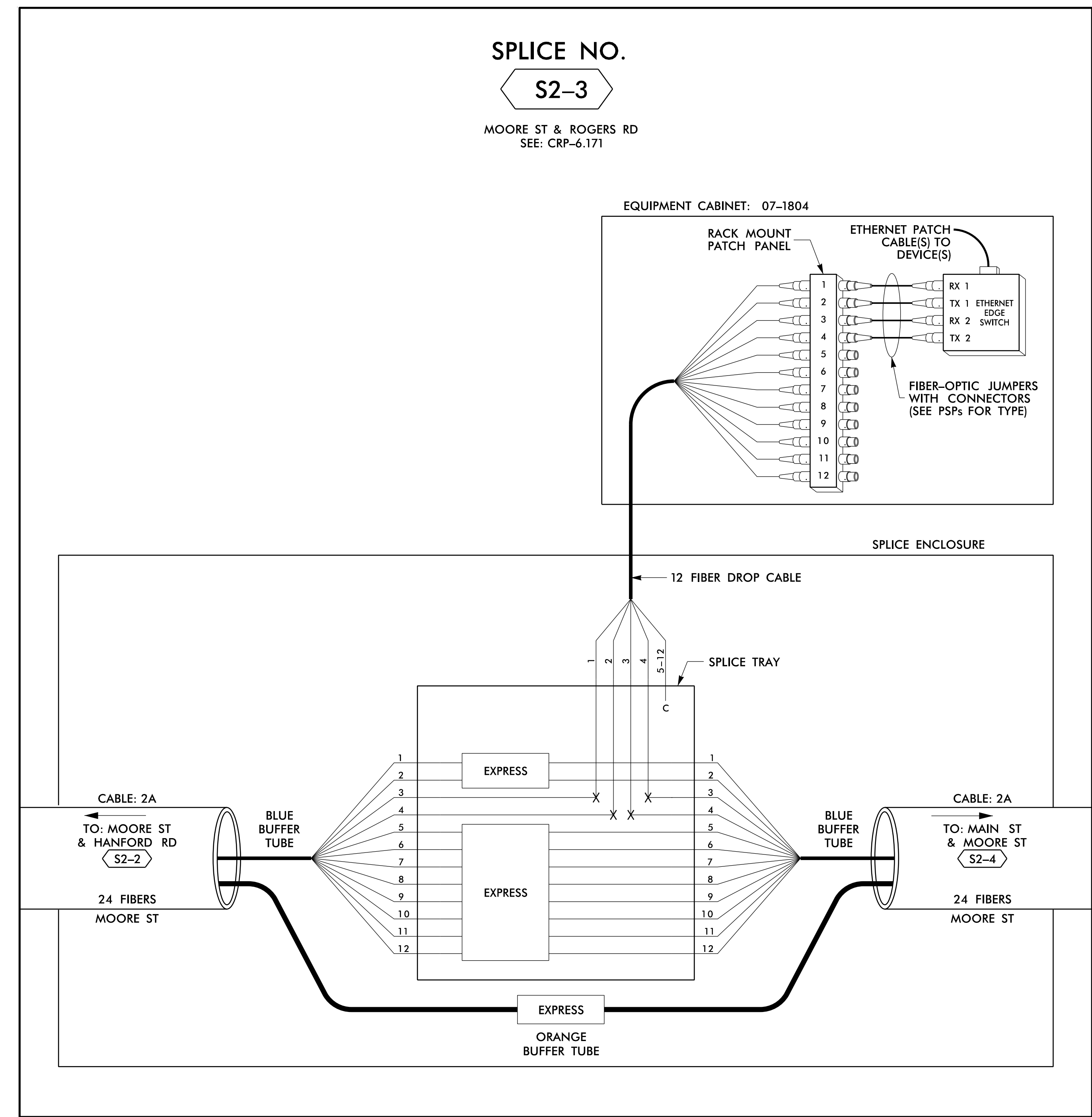
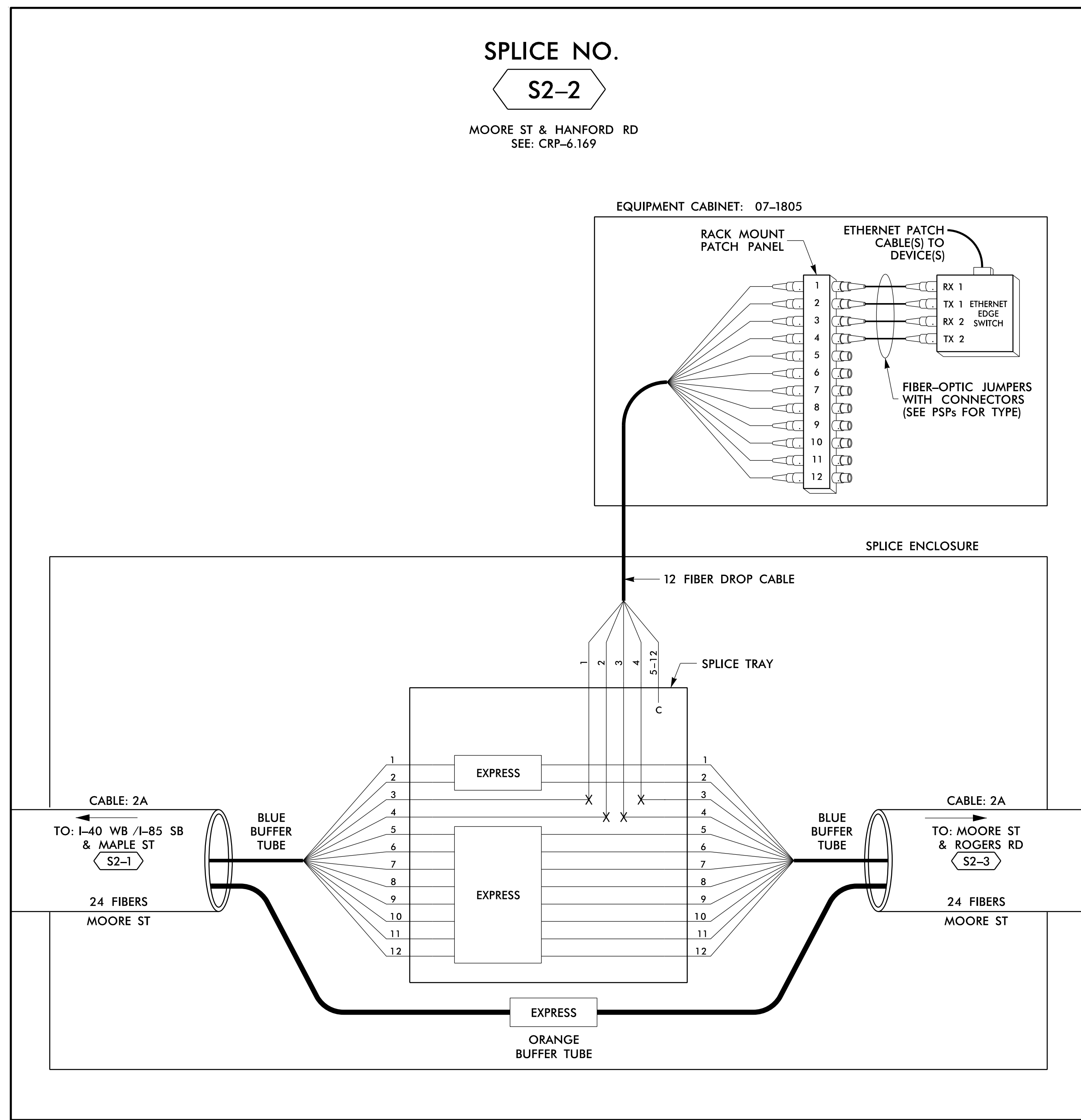
NOTES

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Prepared for the Offices of:  750 Greenfield Parkway, Garner, NC 27529	Burlington-Graham Signal System Fiber-Optic Splicing Details		SEAL NORTH CAROLINA PROFESSIONAL SEAL 040877 ENGINEER Bradford J. Slocum 15/2018 DATE
	Division 7 Alamance County PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Burlington & Graham REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	
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LEGEND

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

EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
 SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
 EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.

NOTES

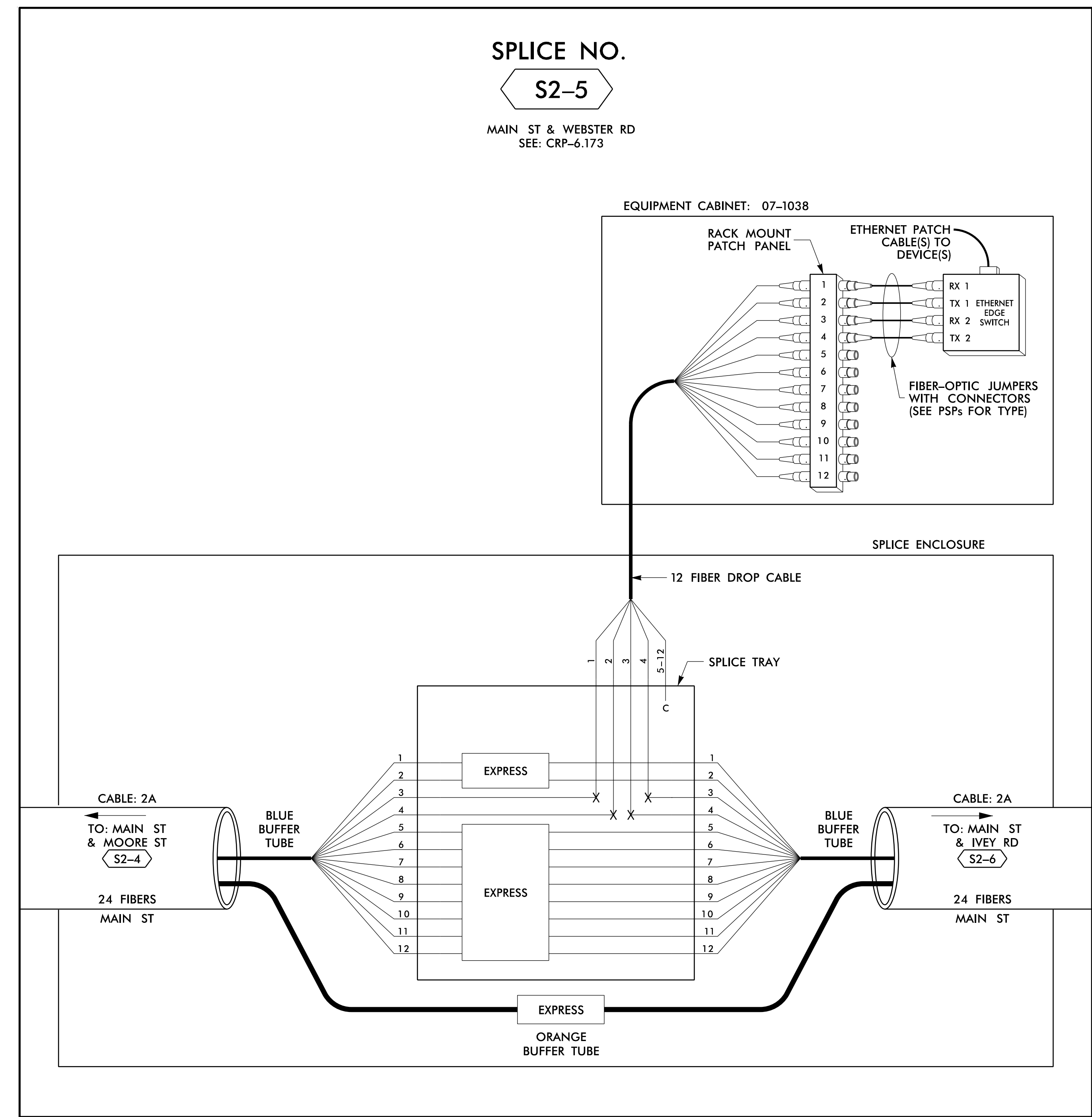
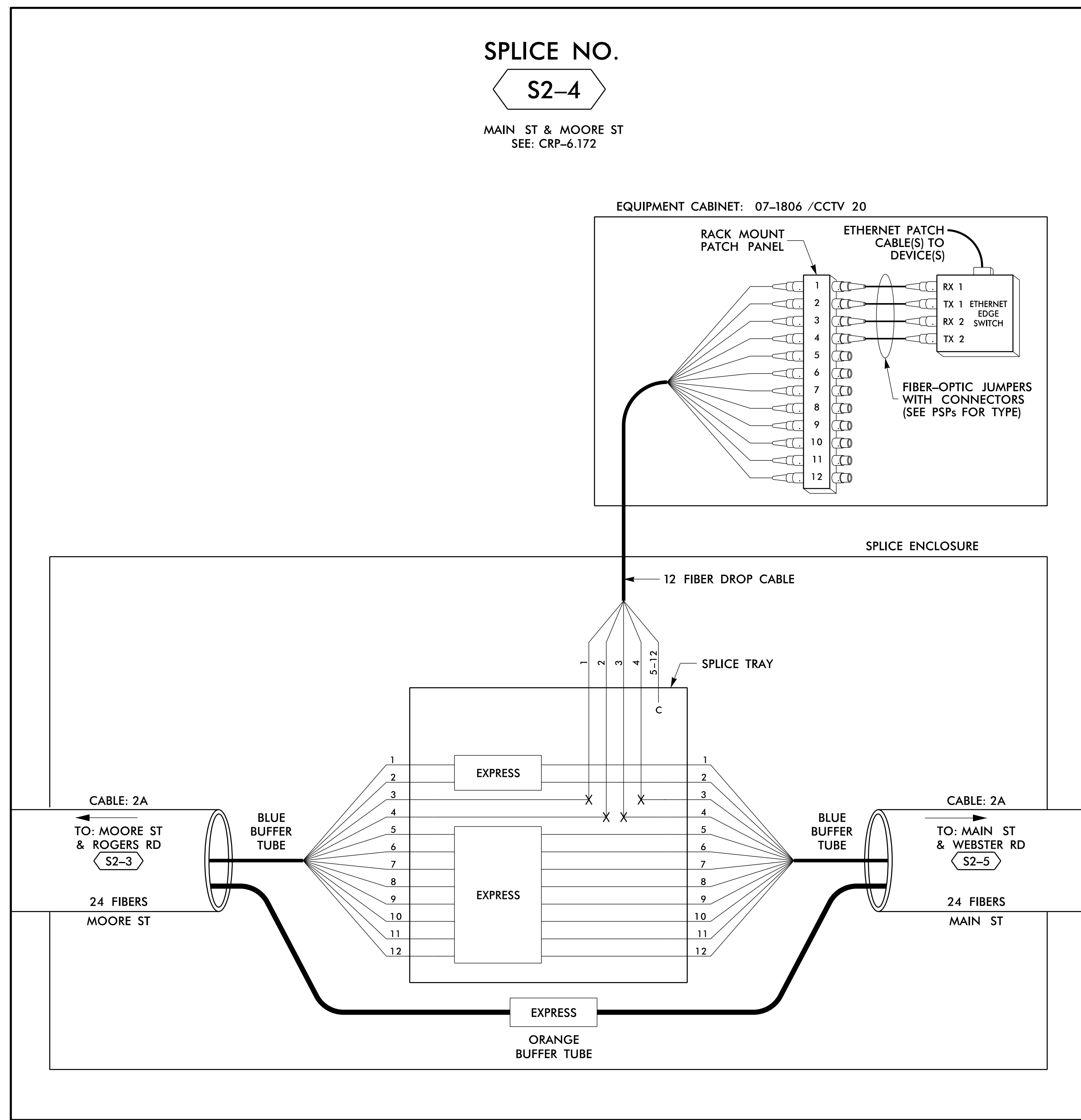
- UNUSED FIBERS LEFT COILED AND STORED IN SPlice TRAY
- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPlice ENCLOSURE
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	Burlington-Graham Signal System Fiber-Optic Splicing Details			
	Division 7 Alamance County	Burlington & Graham		
	PLAN DATE: June 2018	REVIEWED BY: HA BADGETT		
	PREPARED BY: BJ SLOCUM	REVIEWED BY: DL JONES		
SCALE: N/A		REVISIONS	INIT. DATE	

CADW File name: FS_4.013.dgn
 DATE: 6/15/2018



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 SLOCS3633 AT LUS355433

LEGEND

COLOR CODE		TIA/EIA 598-B	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

X = FUSION SPLICE INDIVIDUAL FIBER
C = CAP AND SEAL

- #### NOTES
- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
 - UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
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ATKINS

Burlington-Graham Signal System
Fiber-Optic Splicing Details

Division 7 Alamance County Burlington & Graham

PLAN DATE: June 2018 REVIEWED BY: HA BADGETT

PREPARED BY: BJ SLOCUM REVIEWED BY: DL JONES

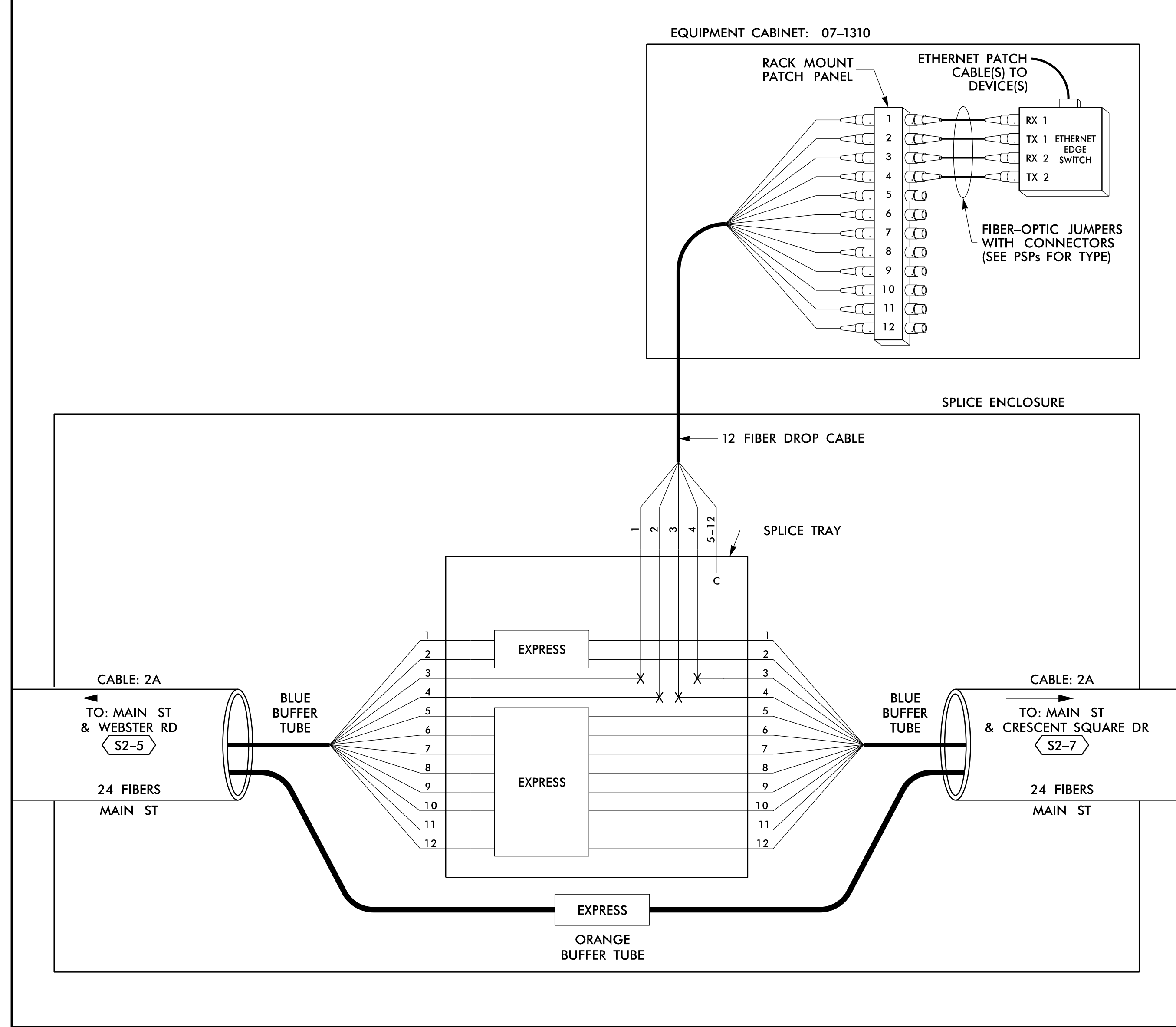
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UNLESS ALL SIGNATURES COMPLETED

SPLICE NO.

S2-6

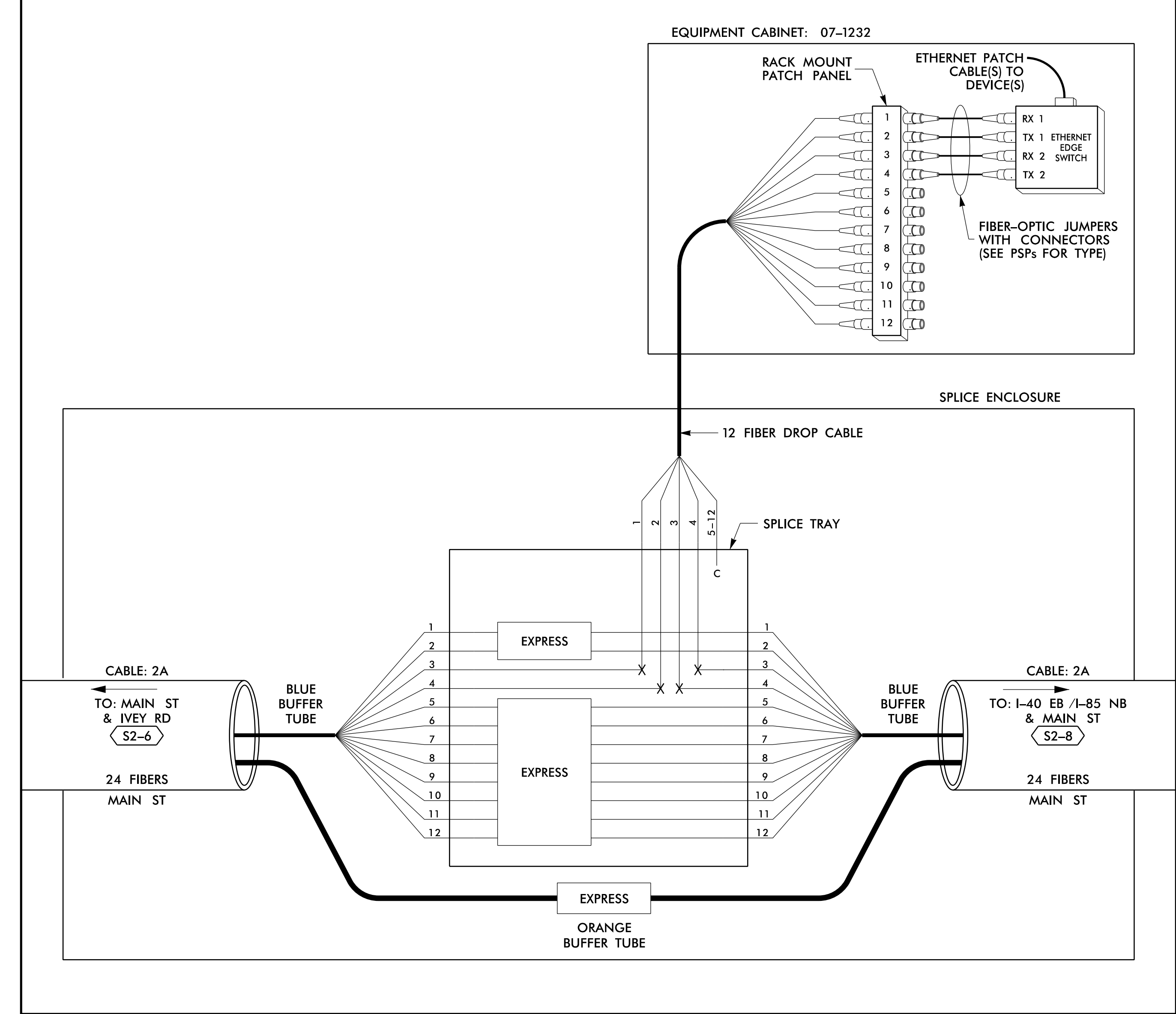
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SEE: CRP-6.174



SPLICE NO.

S2-7

MAIN ST & CRESCENT SQUARE DR
SEE: CRP-6.175



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LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER C = CAP AND SEAL
(1) BLUE	(7) RED	EXPRESS
(2) ORANGE	(8) BLACK	BUFFER SPlice
(3) GREEN	(9) YELLOW	EXISTING
(4) BROWN	(10) VIOLET	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(5) SLATE	(11) ROSE	BUFFER SPlice
(6) WHITE	(12) AQUA	EXISTING
		SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
		EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.

NOTES

- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
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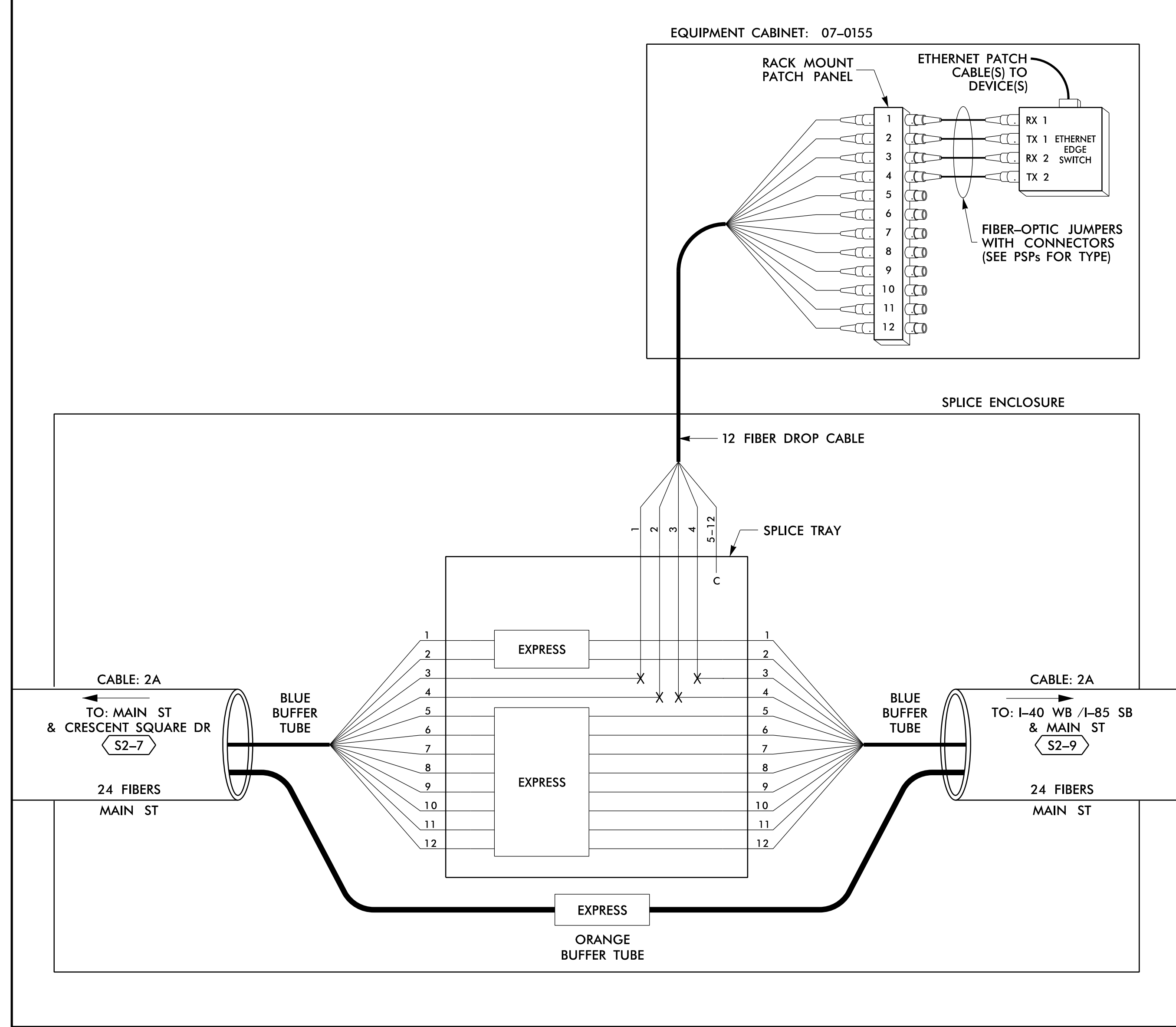
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Prepared for the Offices of: 750 Greenfield Parkway, Garner, NC 27529	Burlington-Graham Signal System Fiber-Optic Splicing Details		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040877 BRADFORD J. SLOCUM 15/2018 DATE
	Division 7 Alamance County PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Burlington & Graham REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	
REVISIONS			DATE

SPLICE NO.

S2-8

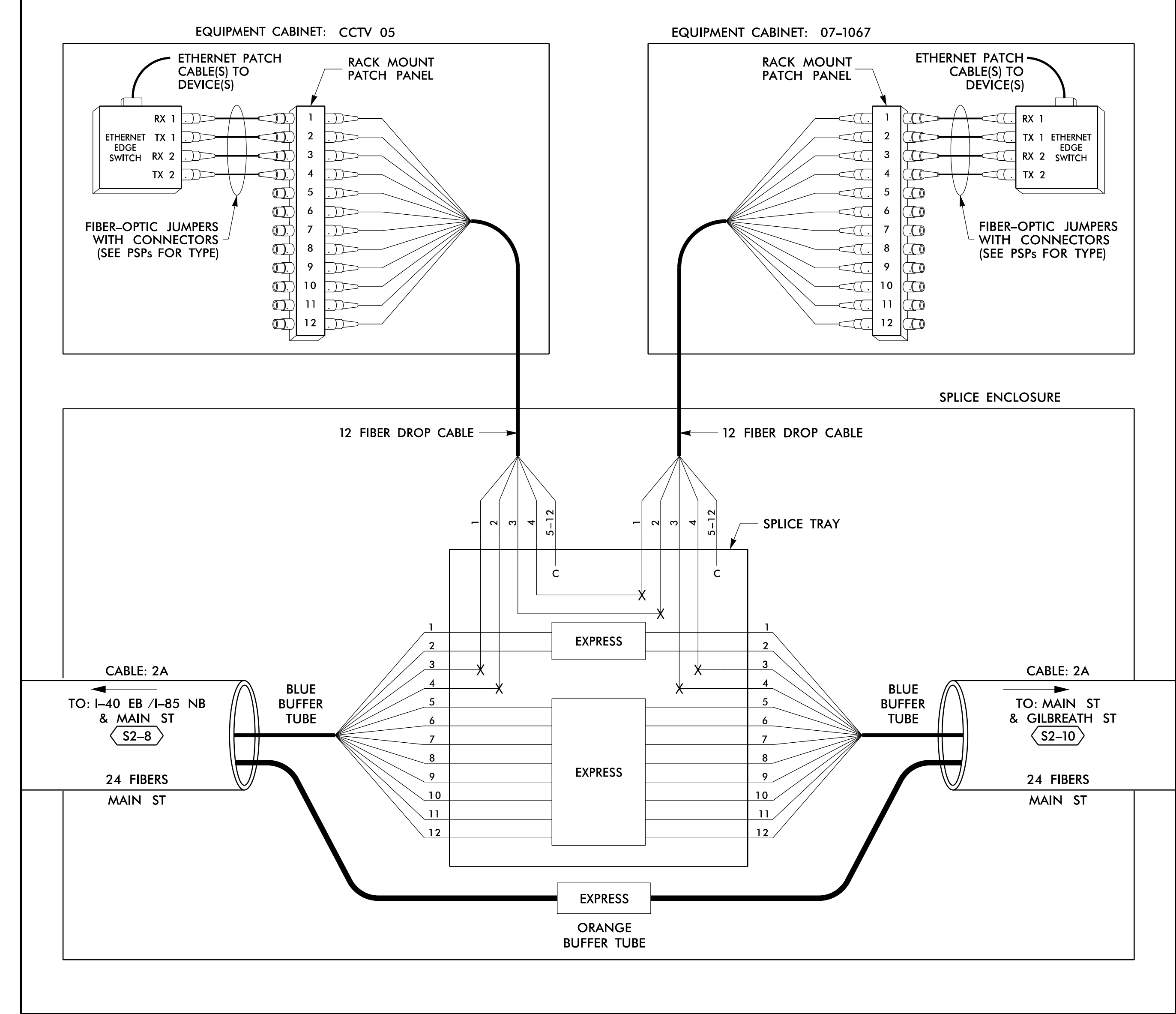
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SEE: CRP-6.176



SPLICE NO.

S2-9

I-40 WB /I-85 SB & MAIN ST
SEE: CRP-6.176



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LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER	EXPRESS	EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING
(1) BLUE	(7) RED	C = CAP AND SEAL	BUFFER SPlice	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(2) ORANGE	(8) BLACK		EXISTING	EXISTING BUFFER TUBE /FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.
(3) GREEN	(9) YELLOW			
(4) BROWN	(10) VIOLET			
(5) SLATE	(11) ROSE			
(6) WHITE	(12) AQUA			

NOTES

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1616 EAST MILLBROOK ROAD, SUITE 160
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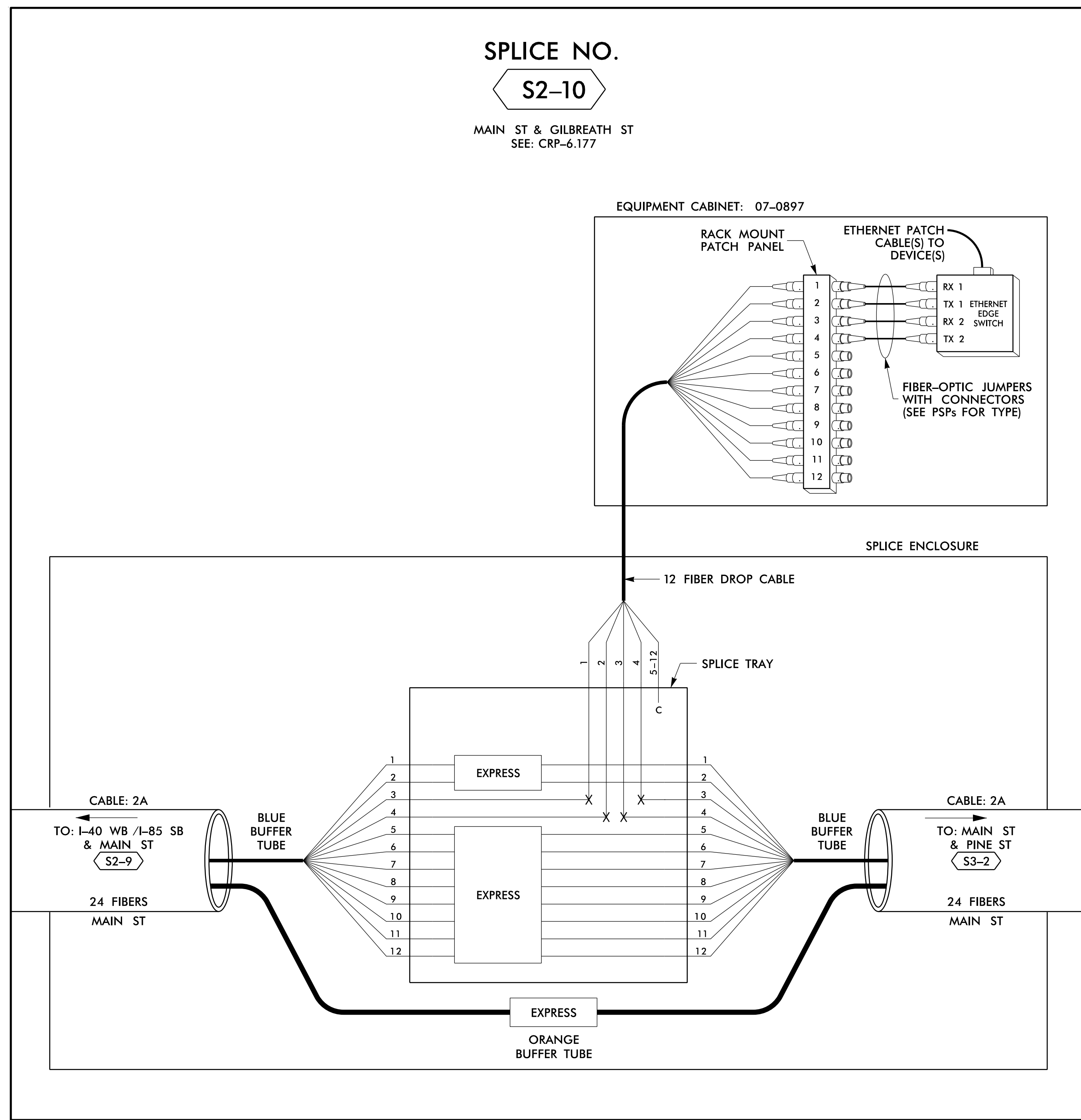
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 Alamance County	Burlington & Graham	
PLAN DATE: June 2018	REVIEWED BY: HA BADGETT	PREPARED BY: BJ SLOCUM	REVIEWED BY: DL JONES
SCALE: N/A	REVISIONS	INIT.	DATE
CADD File name: FS_4.016.dgn			

SPLICE NO.

S2-10

MAIN ST & GILBREATH ST
SEE: CRP-6.177



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LEGEND


COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER C = CAP AND SEAL
(1) BLUE	(7) RED	EXPRESS
(2) ORANGE	(8) BLACK	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(3) GREEN	(9) YELLOW	BUFFER SPlice
(4) BROWN	(10) VIOLET	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(5) SLATE	(11) ROSE	EXISTING
(6) WHITE	(12) AQUA	EXISTING BUFFER TUBE / FIBERS. DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.

NOTES

- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
- EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

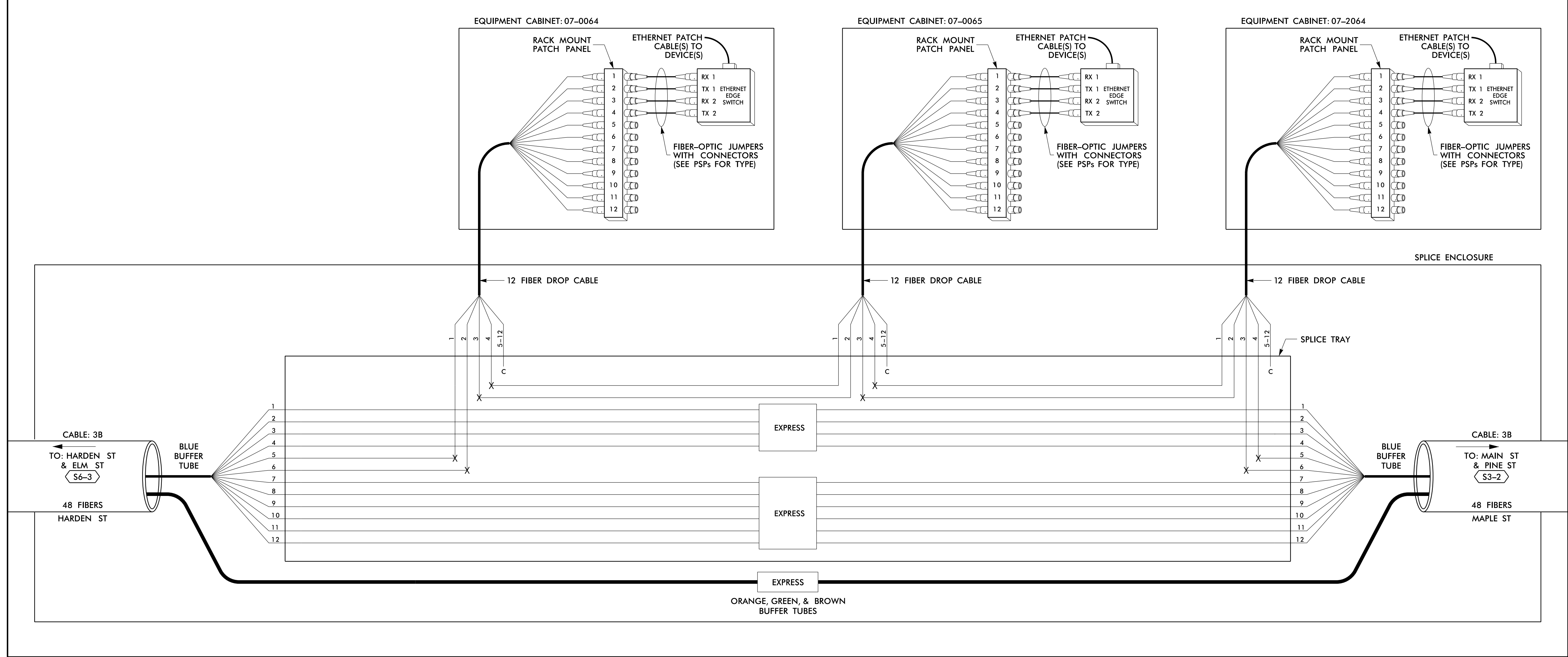
ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEES #F-0326

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of:  750 Greenfield Parkway, Garner, NC 27529	Burlington-Graham Signal System Fiber-Optic Splicing Details		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040877 BRADFORD J. SLOCUM 15/2018 DATE
	Division 7 Alamance County PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Burlington & Graham REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	
SCALE N/A	CADD File name: FS 4.017.dgn		

SPLICE NO.
S3-1

HARDEN ST & MAPLE ST
SEE: CRP-6.101



LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER
(1) BLUE	(7) RED	EXPRESS = EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE = SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING = EXISTING BUFFER TUBE / FIBERS. DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	

NOTES

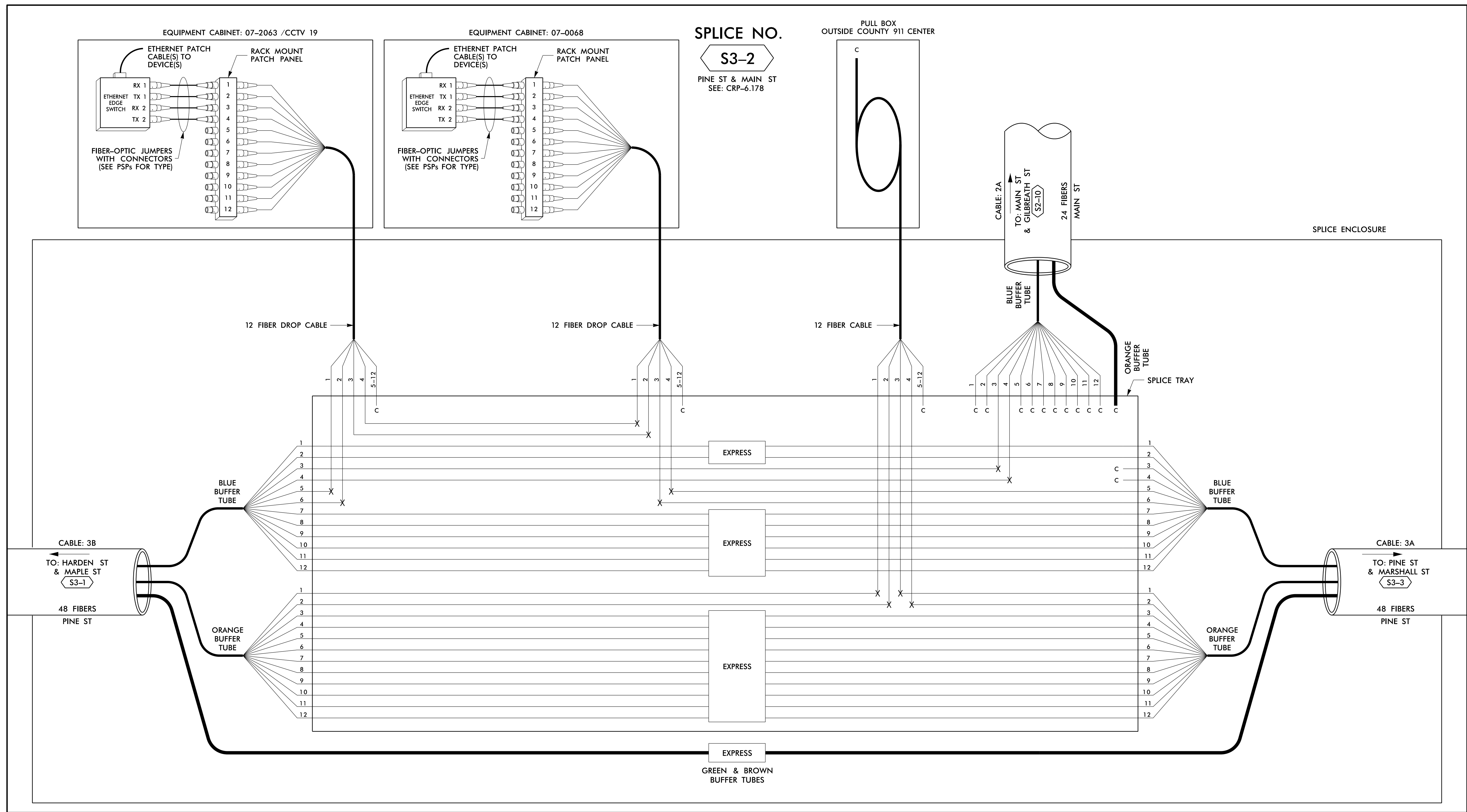
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2. UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
3. EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBES #F-0326

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

	Prepared for the Offices of: Burlington-Graham Signal System Fiber-Optic Splicing Details		SEAL NORTH CAROLINA PROFESSIONAL SEAL 040877 ENGINEER Bradford J. Slocum 15/2018
	Division 7 PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Alamance County REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	
SCALE N/A	DATE		DATE

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SPLICE NO.
S3-2
 PINE ST & MAIN ST
 SEE: CRP-6.178

PULL BOX
 OUTSIDE COUNTY 911 CENTER

SPLICE ENCLOSURE

LEGEND

COLOR CODE TIA/EIA 598-B	X = FUSION SPLICE INDIVIDUAL FIBER	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(1) BLUE	C = CAP AND SEAL	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(2) ORANGE		EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(3) GREEN			
(4) BROWN			
(5) SLATE			
(6) WHITE			
(7) RED			
(8) BLACK			
(9) YELLOW			
(10) VIOLET			
(11) ROSE			
(12) AQUA			

- NOTES**
- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
 - UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
 - EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEES #F-0326

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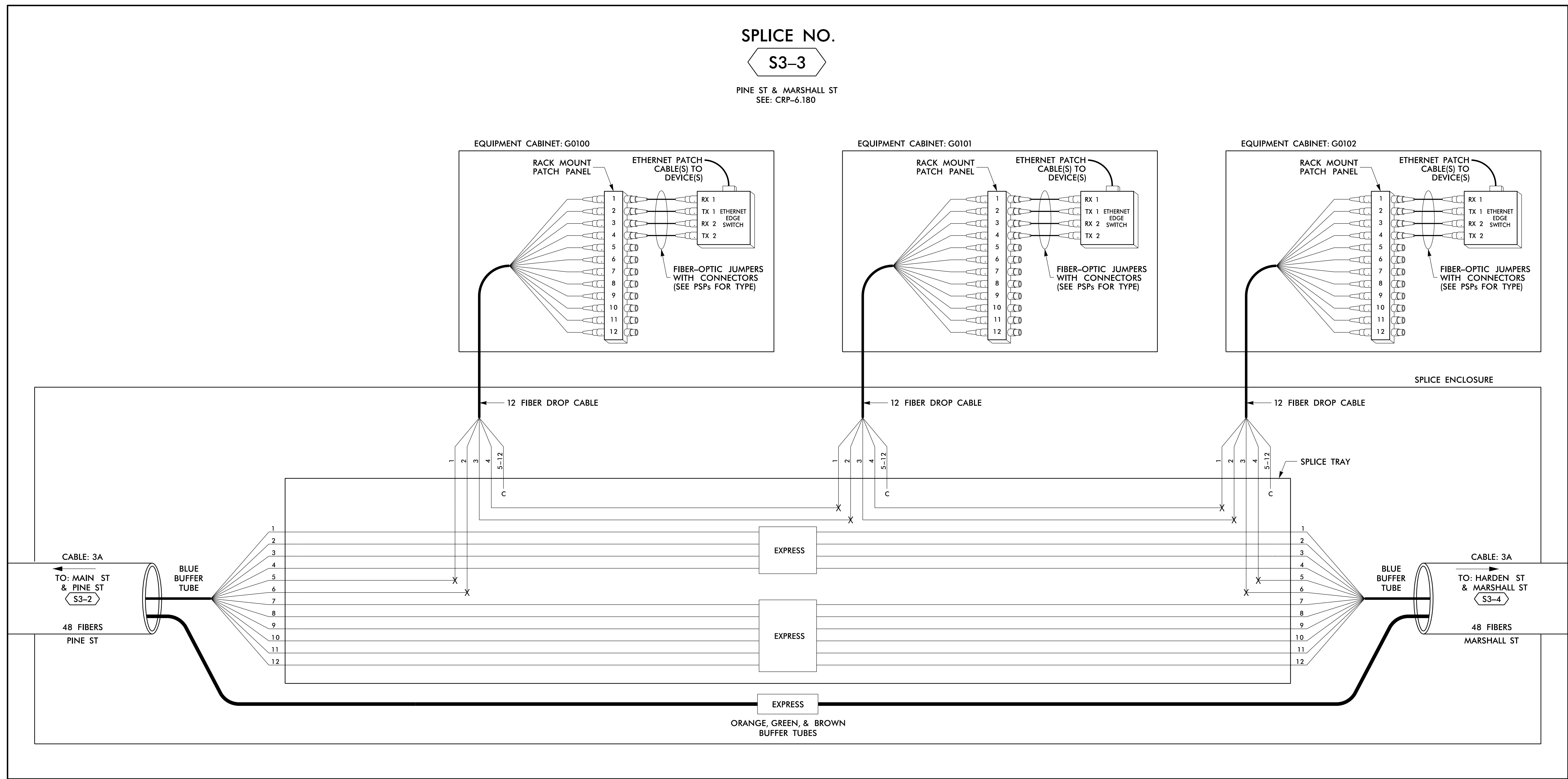
	Prepared for the Offices of: 		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER BRADFORD J. SLOCOM License No. 040877 Date: 15/2018
	Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 Alamance County PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Burlington & Graham REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	
	SCALE: N/A	REVISIONS: _____ INIT.: _____ DATE: _____	

750 Greenfield Parkway, Garner, NC 27529
 CADD File name: FS 4.019.dgn

SPLICE NO.

S3-3

PINE ST & MARSHALL ST
SEE: CRP-6.180



LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(1) BLUE	(7) RED	C = CAP AND SEAL	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(2) ORANGE	(8) BLACK		EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(3) GREEN	(9) YELLOW			
(4) BROWN	(10) VIOLET			
(5) SLATE	(11) ROSE			
(6) WHITE	(12) AQUA			

NOTES

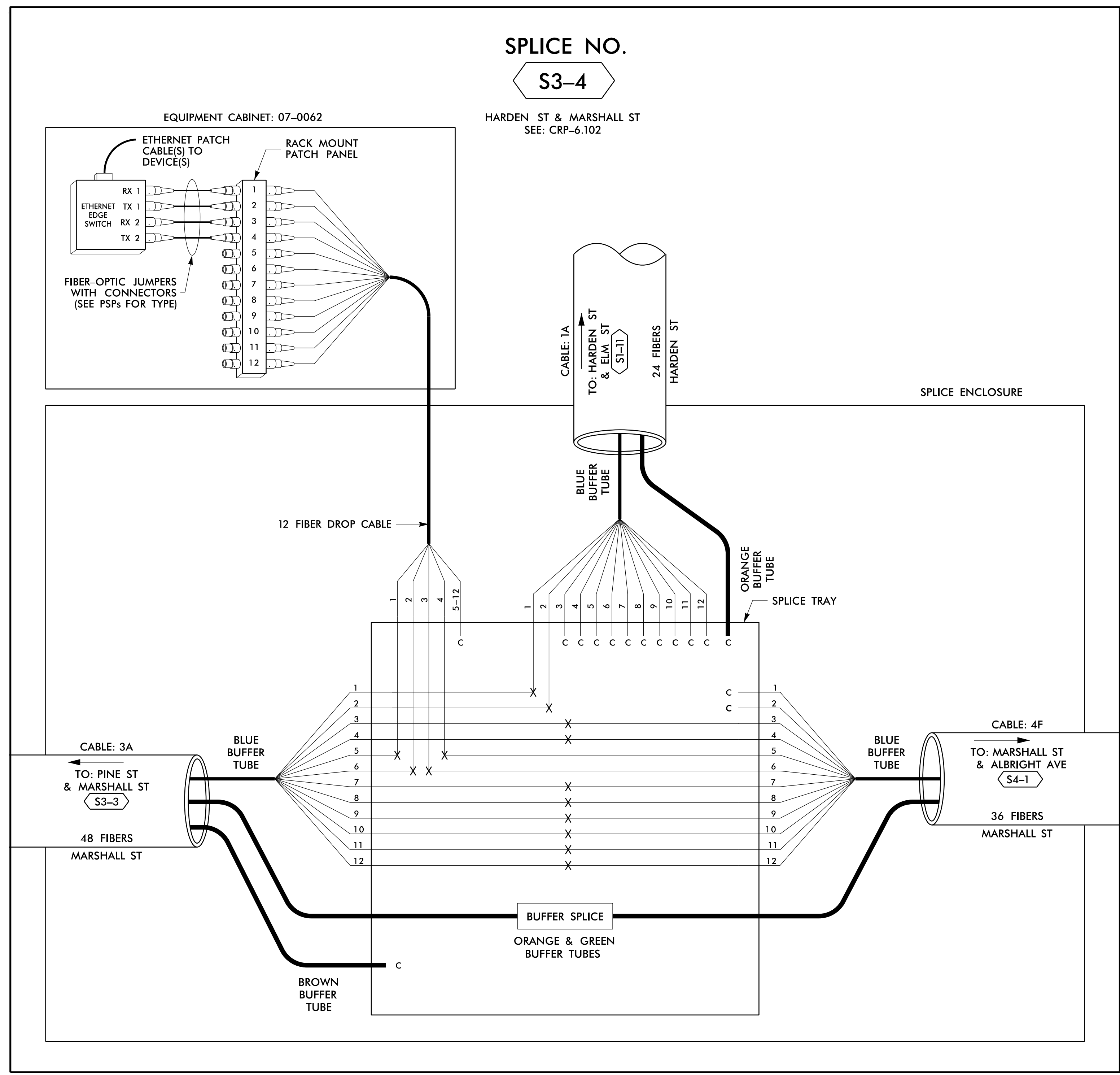
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- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEEES #F-0326

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 Alamance County	Burlington & Graham	
PLAN DATE: June 2018	REVIEWED BY: HA BADGETT	PREPARED BY: BJ SLOCUM	REVIEWED BY: DL JONES
SCALE: N/A	REVISIONS	INIT.	DATE
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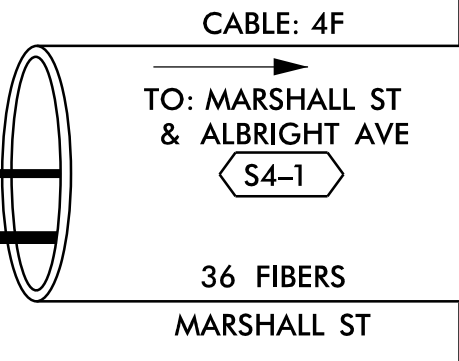
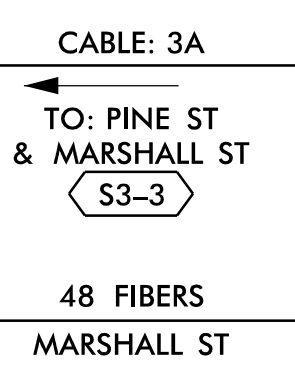
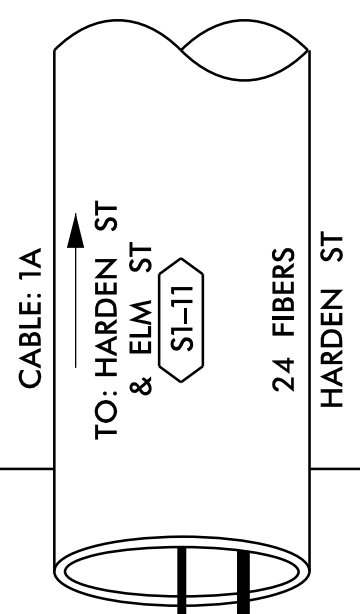
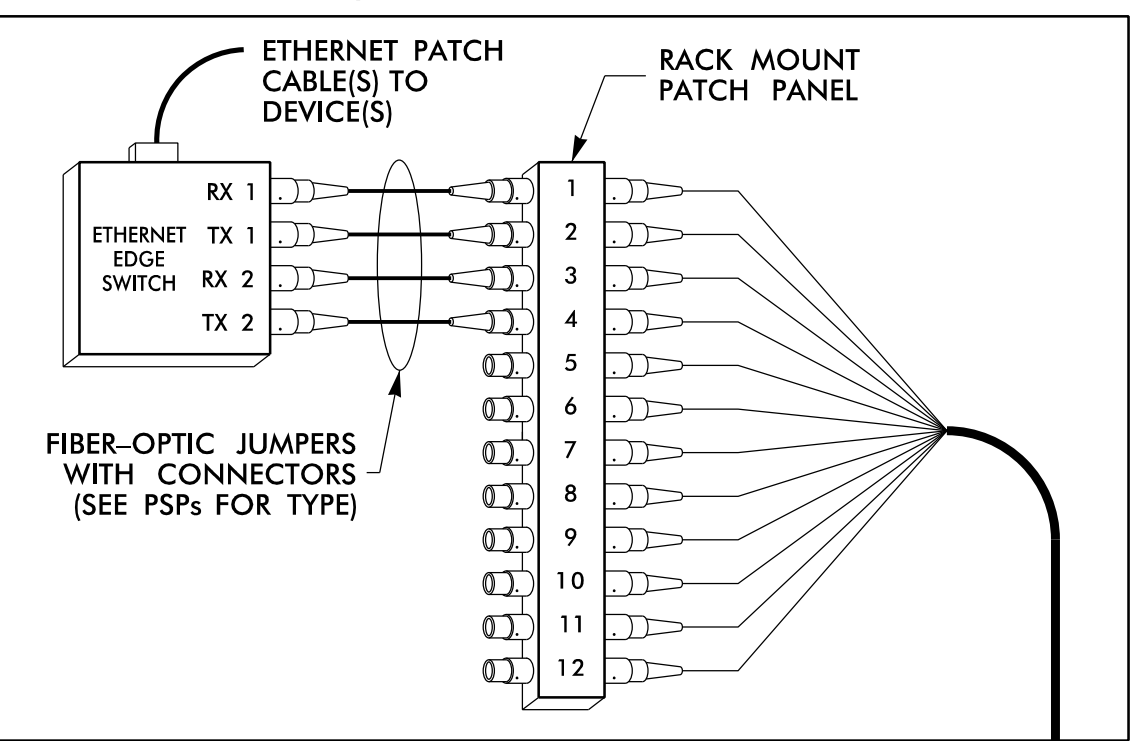
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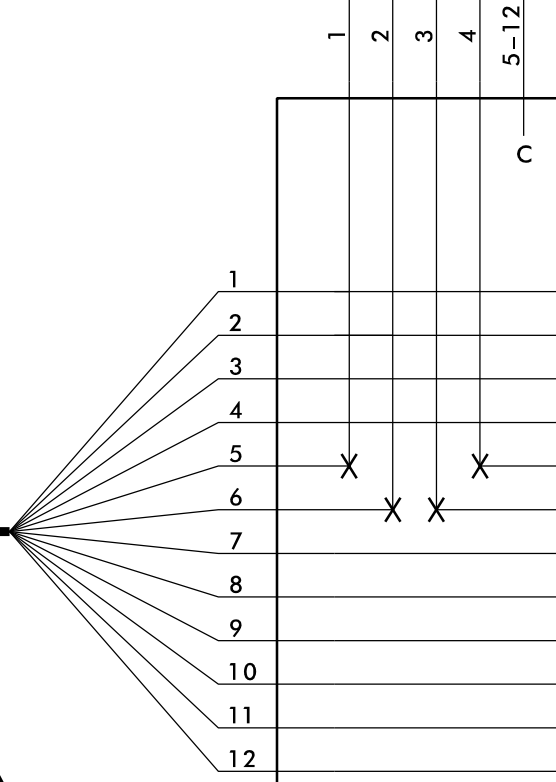
SPLICE NO.
S3-4

HARDEN ST & MARSHALL ST
SEE: CRP-6.102

EQUIPMENT CABINET: 07-0062



12 FIBER DROP CABLE



BUFFER SPLICE
ORANGE & GREEN
BUFFER TUBES

LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER THROUGH WITHOUT CUTTING	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

NOTES

- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
- EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEEES #F-0326

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of:

 750 Greenfield Parkway, Garner, NC 27529
 SCALE: N/A

Burlington-Graham Signal System Fiber-Optic Splicing Details		Burlington & Graham	
Division 7	Alamance County		
PLAN DATE: June 2018	REVIEWED BY: HA BADGETT		
PREPARED BY: BJ SLOCUM	REVIEWED BY: DL JONES		
REVISIONS	INIT.	DATE	

SEAL

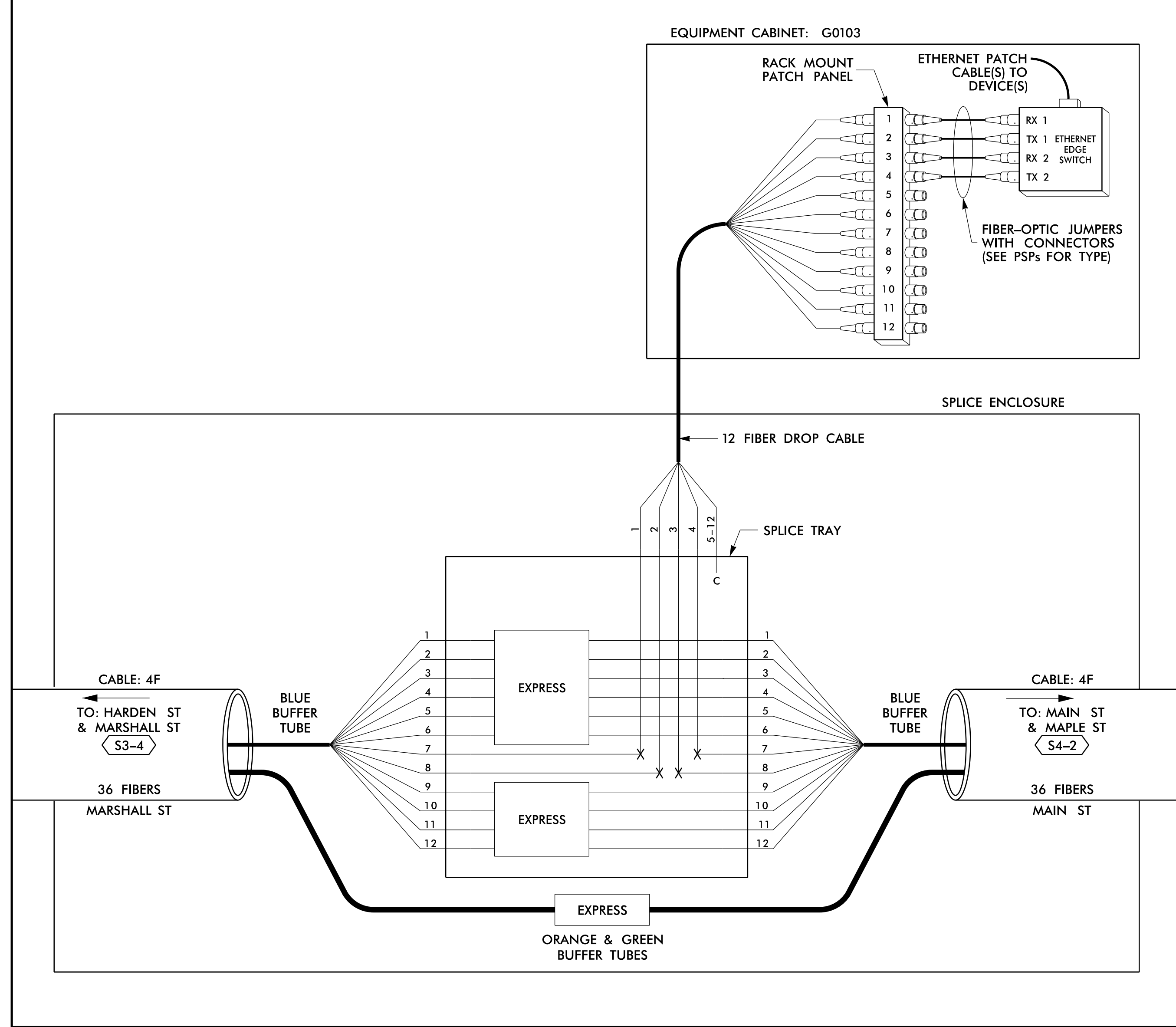
 BRADFORD J. SLOCUM
 ENGINEER
 15/2018
 DATE

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SPLICE NO.

S4-1

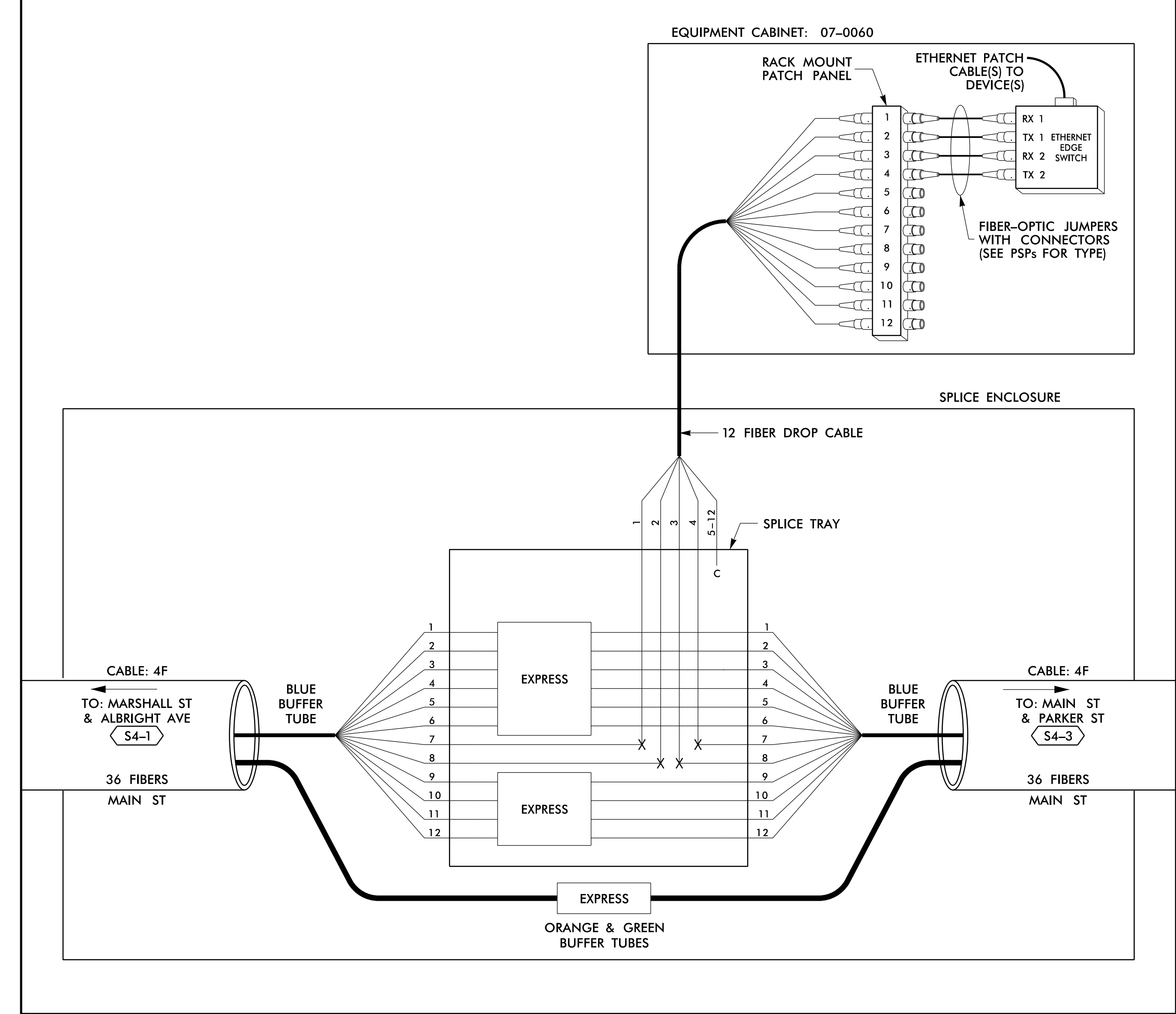
MARSHALL ST & ALBRIGHT AVE
SEE: CRP-6.181



SPLICE NO.

S4-2

MAIN ST & MAPLE ST
SEE: CRP-6.182



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LEGEND

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

EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
 SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
 EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.

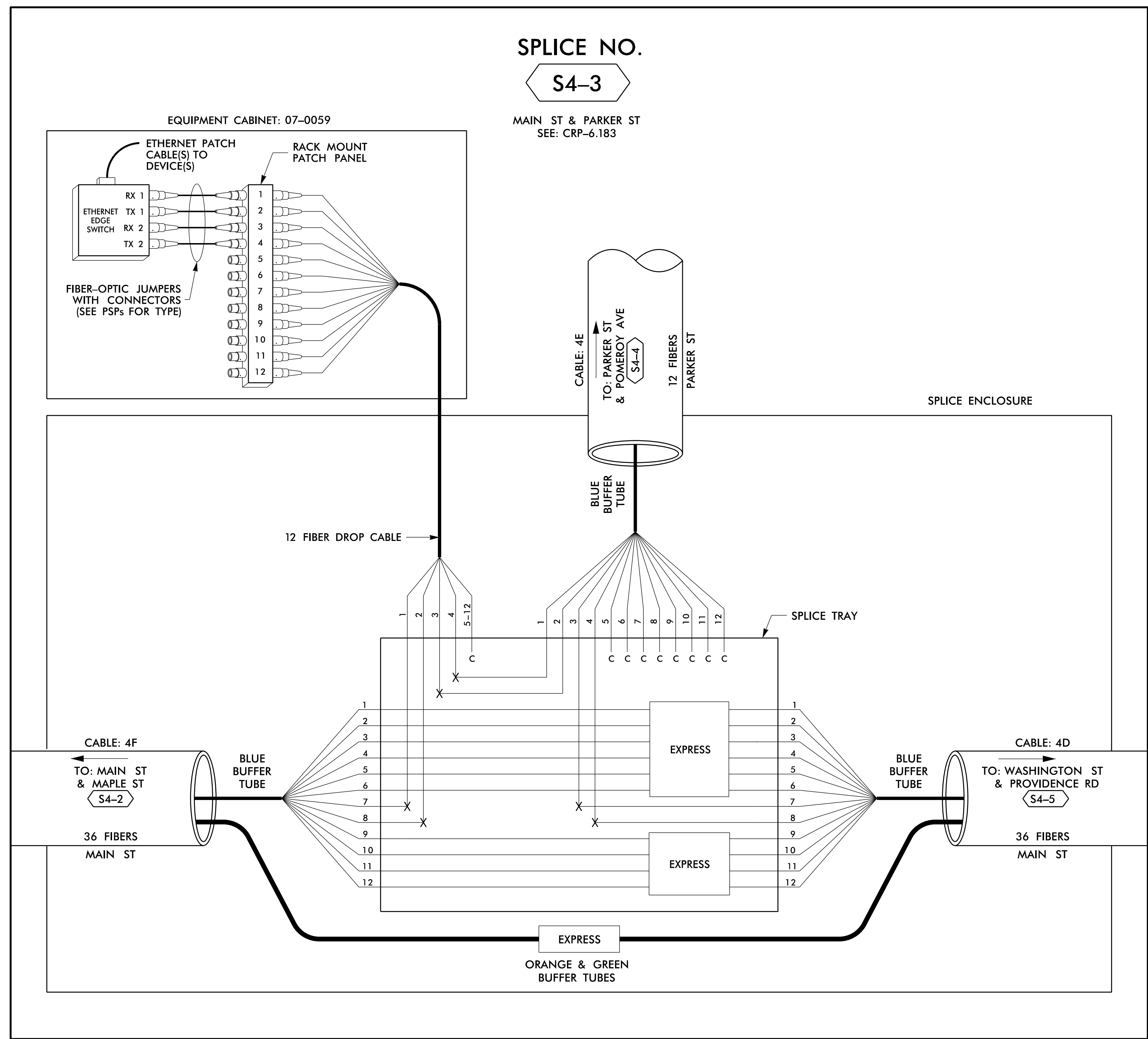
NOTES

- UNUSED FIBERS LEFT COILED AND STORED IN SPlice TRAY
- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPlice ENCLOSURE
- EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEs #F-0326

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of: 750 Greenfield Parkway, Garner, NC 27529 SCALE: N/A	Burlington-Graham Signal System Fiber-Optic Splicing Details		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040877 BRADFORD J. SLOCUM 15/2018 DATE
	Division 7 Alamance County PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Burlington & Graham REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	



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COLOR CODE		LEGEND	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPlice	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

- NOTES**
- UNUSED FIBERS LEFT COILED AND STORED IN SPICE TRAY
 - UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPICE ENCLOSURE
 - EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEE# F-0326

	Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 Alamance County Burlington & Graham	PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	
SCALE: N/A	REVISIONS	INIT.	DATE

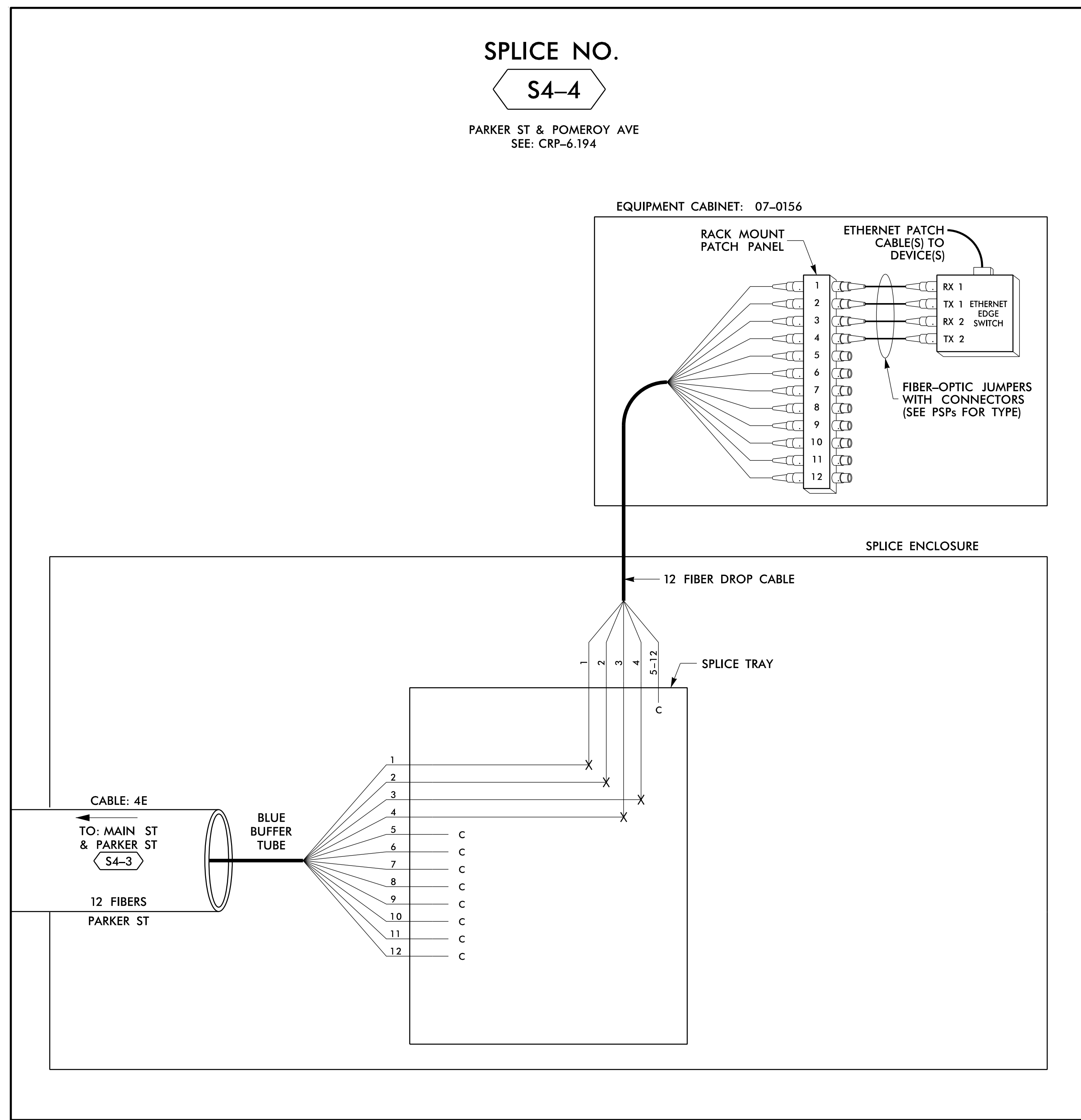
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SPLICE NO.

S4-4

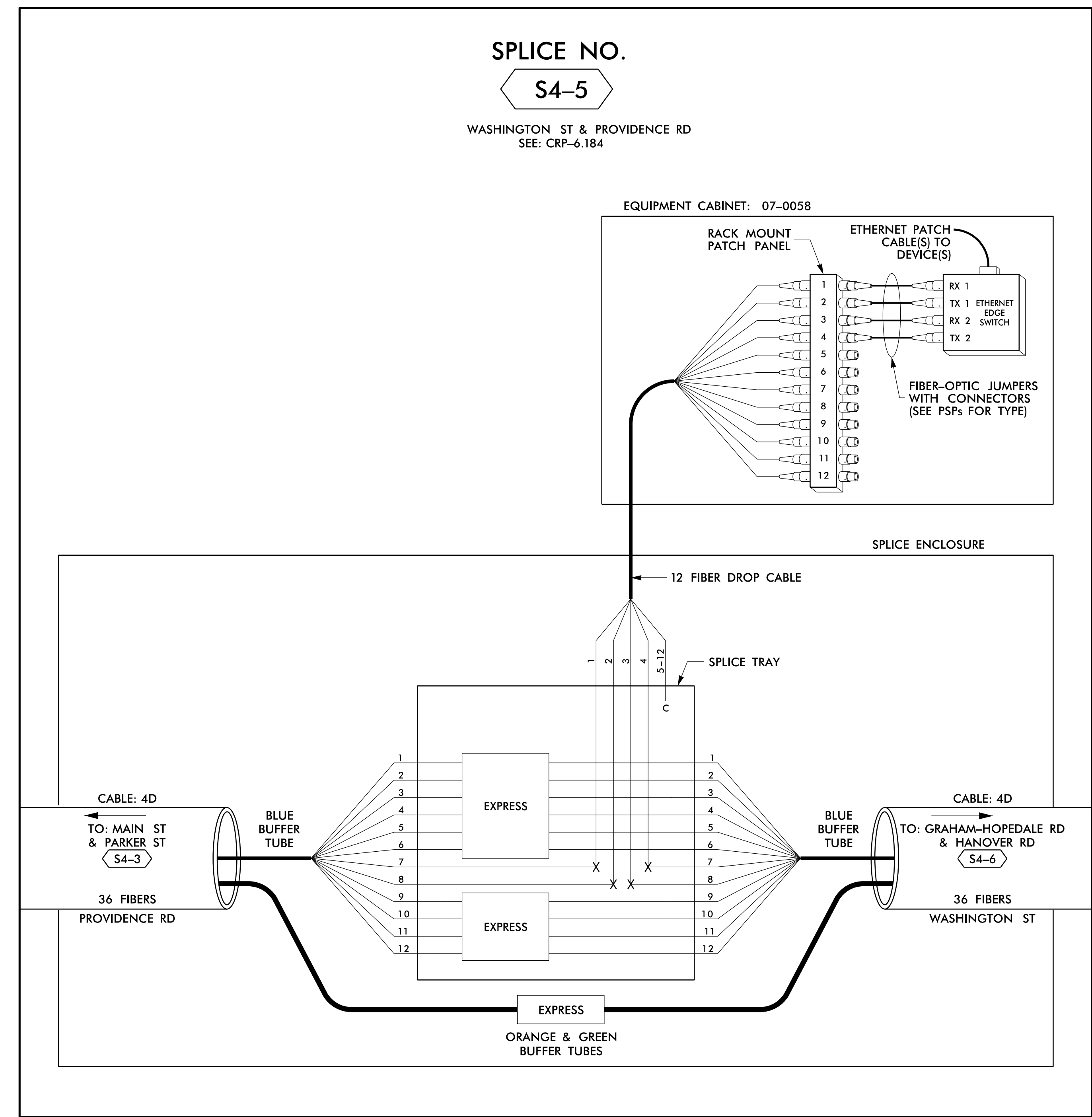
PARKER ST & POMEROY AVE
SEE: CRP-6.194



SPLICE NO.

S4-5

WASHINGTON ST & PROVIDENCE RD
SEE: CRP-6.184



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LEGEND


COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER C = CAP AND SEAL
(1) BLUE	(7) RED	EXPRESS
(2) ORANGE	(8) BLACK	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(3) GREEN	(9) YELLOW	BUFFER SPlice
(4) BROWN	(10) VIOLET	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(5) SLATE	(11) ROSE	EXISTING
(6) WHITE	(12) AQUA	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.

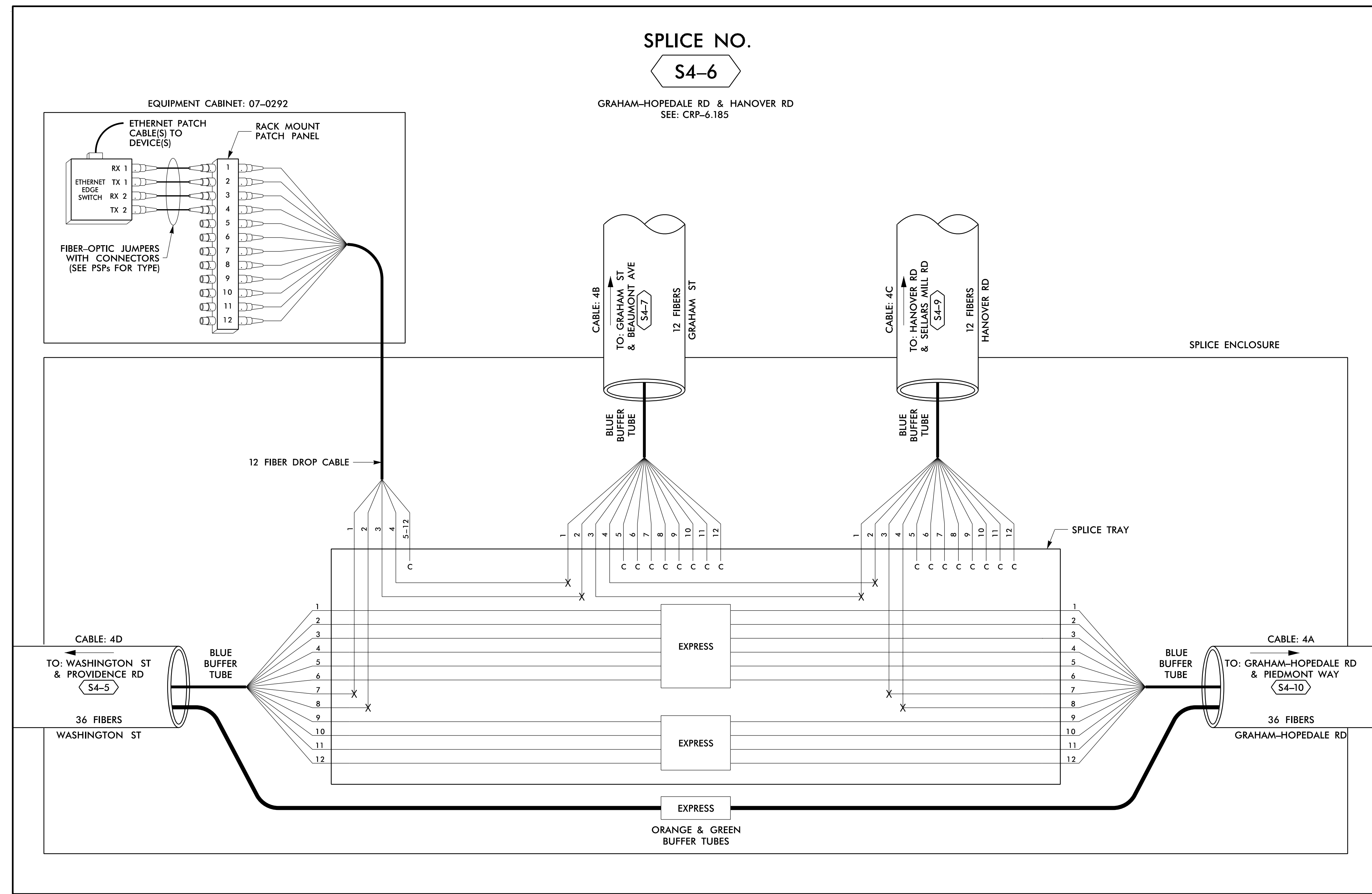
NOTES

- UNUSED FIBERS LEFT COILED AND STORED IN SPlice TRAY
- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPlice ENCLOSURE
- EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEEES #F-0326

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

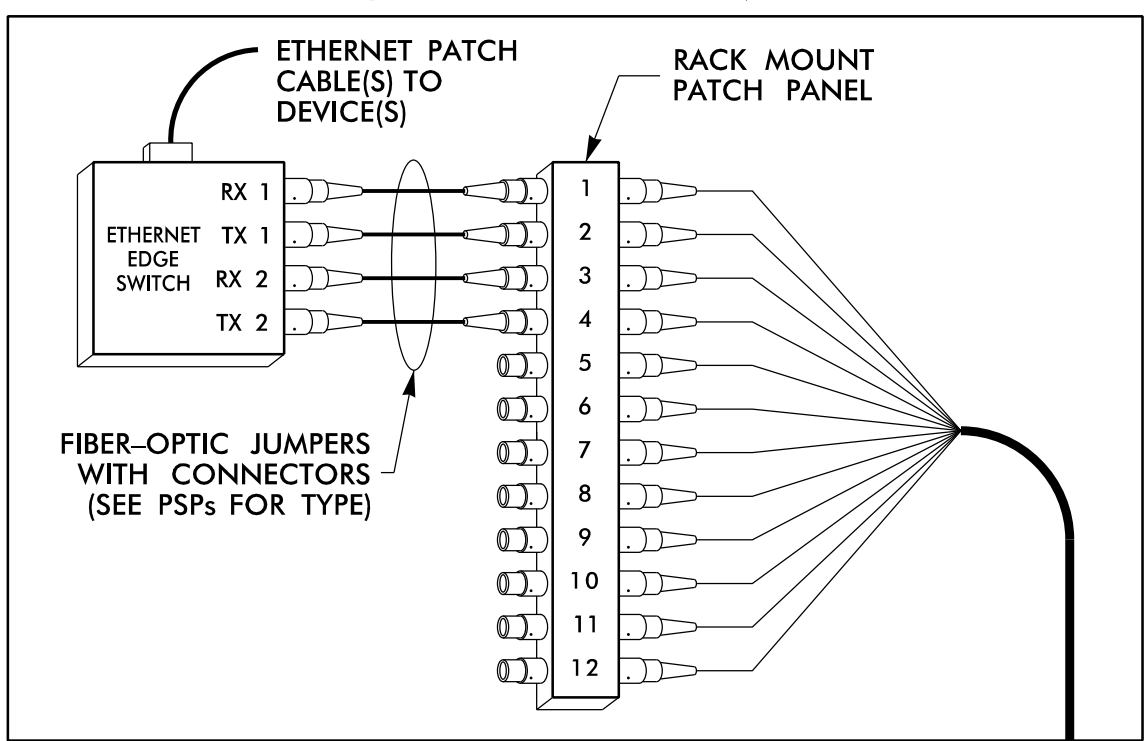
Prepared for the Offices of:  750 Greenfield Parkway, Garner, NC 27529	Burlington-Graham Signal System Fiber-Optic Splicing Details		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040877 BRADFORD J. SLOCUM 15/2018 DATE
	Division 7 Alamance County Burlington & Graham	PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM REVISIONS: _____ SCALE: N/A	



SPLICE NO.
S4-6

GRAHAM-HOPEDALE RD & HANOVER RD
 SEE: CRP-6.185

EQUIPMENT CABINET: 07-0292



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LEGEND

COLOR CODE TIA/EIA 598-B	X = FUSION SPLICE INDIVIDUAL FIBER
(1) BLUE (7) RED	C = CAP AND SEAL
(2) ORANGE (8) BLACK	
(3) GREEN (9) YELLOW	EXPRESS EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(4) BROWN (10) VIOLET	BUFFER SPLICE SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(5) SLATE (11) ROSE	EXISTING EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(6) WHITE (12) AQUA	

- NOTES**
- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
 - UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
 - EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

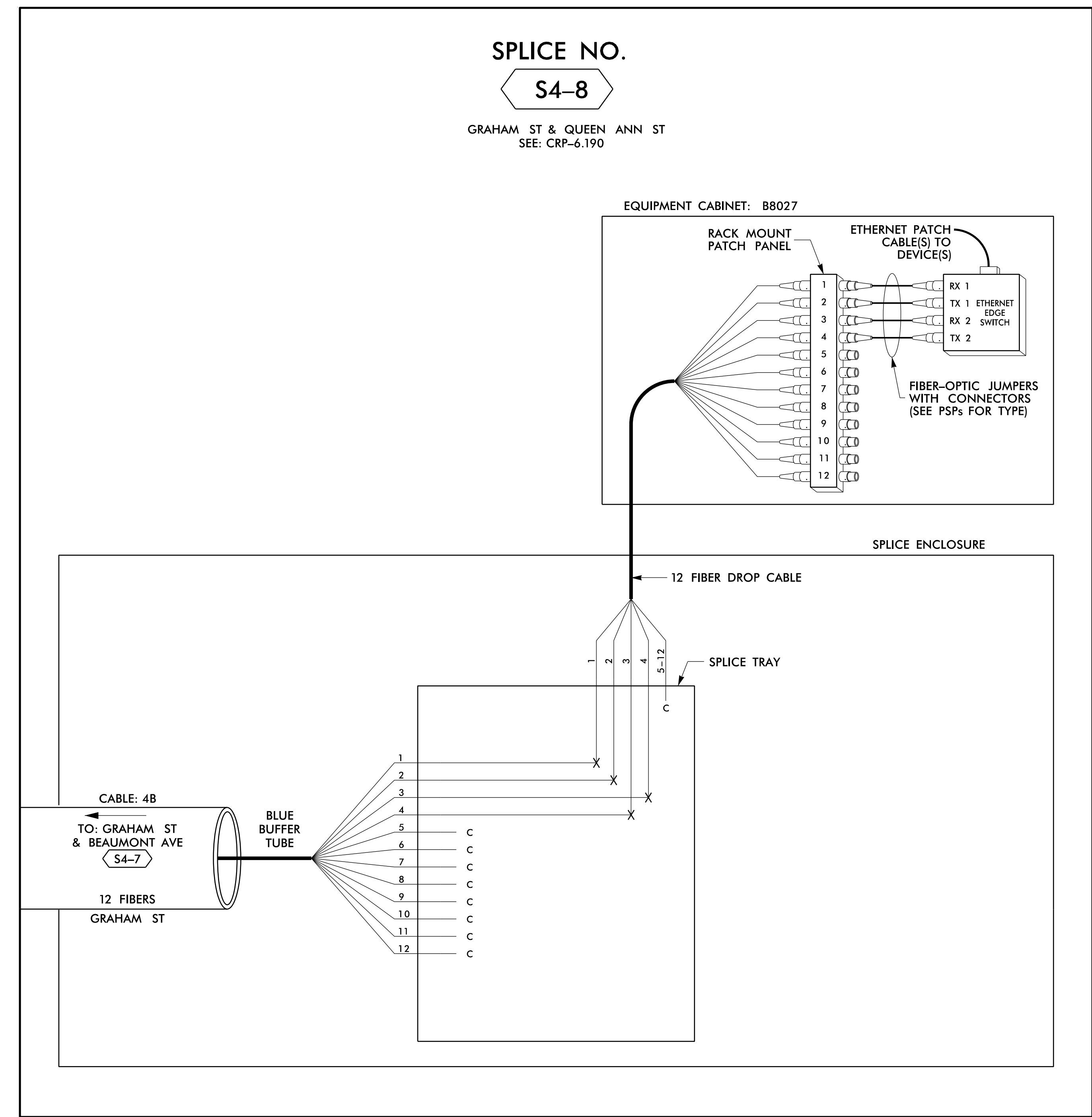
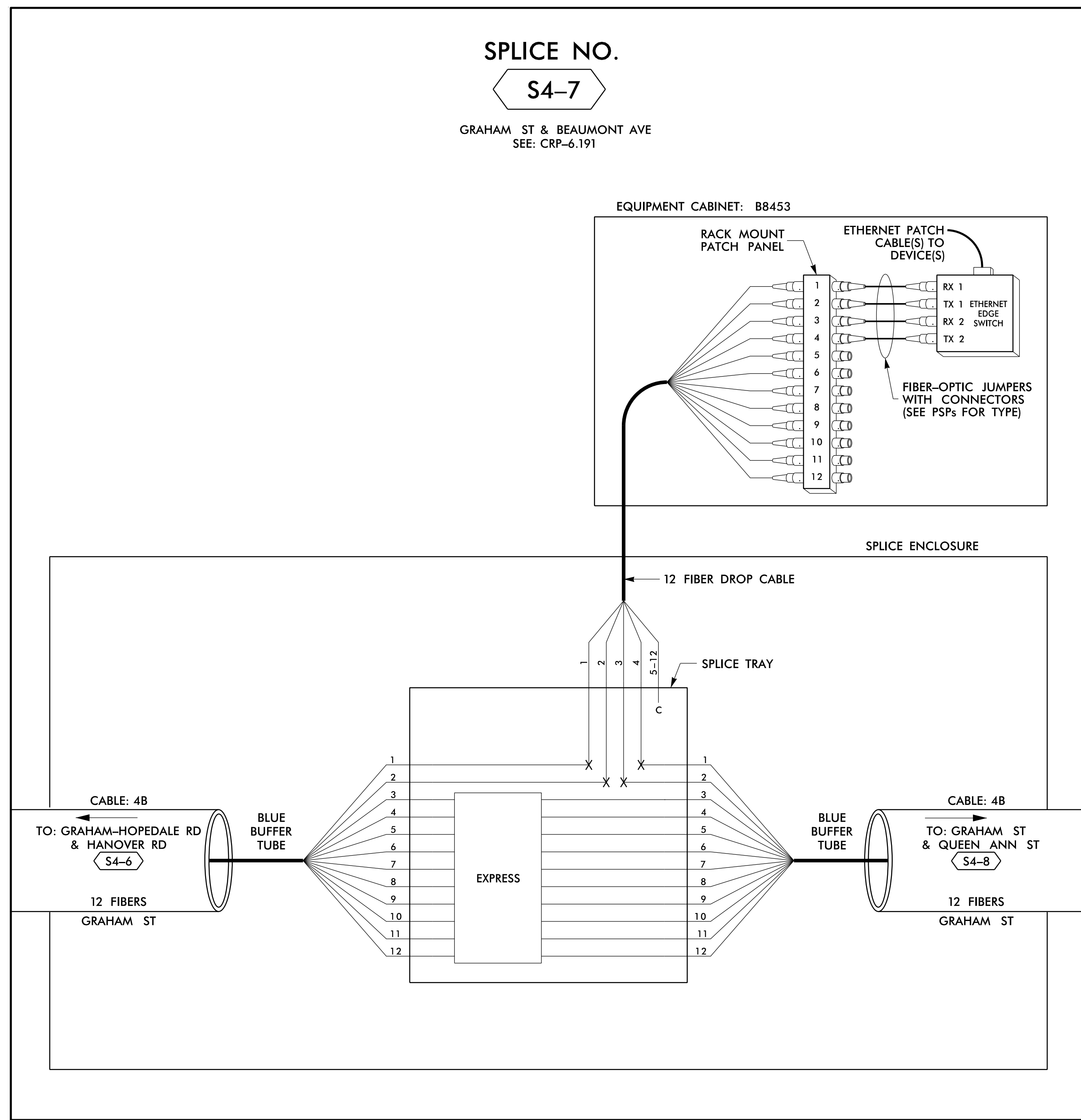
ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEES #F-0326

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 Alamance County	Burlington & Graham	
	PLAN DATE: June 2018	REVIEWED BY: HA BADGETT	
	PREPARED BY: BJ SLOCUM	REVIEWED BY: DL JONES	
SCALE: N/A	REVISIONS	INIT. DATE	DATE

750 Greenfield Parkway, Garner, NC 27529

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LEGEND

COLOR CODE TIA/EIA 598-B			
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPlice	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

NOTES

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ATKINS

1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEE# F-0326

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of:

750 Greenfield Parkway, Garner, NC 27529

Burlington-Graham Signal System
Fiber-Optic Splicing Details

Division 7 Alamance County Burlington & Graham

PLAN DATE: June 2018	REVIEWED BY: HA BADGETT
PREPARED BY: BJ SLOJUM	REVIEWED BY: DL JONES

REVISIONS	INIT.	DATE

SCALE
N/A

SEAL

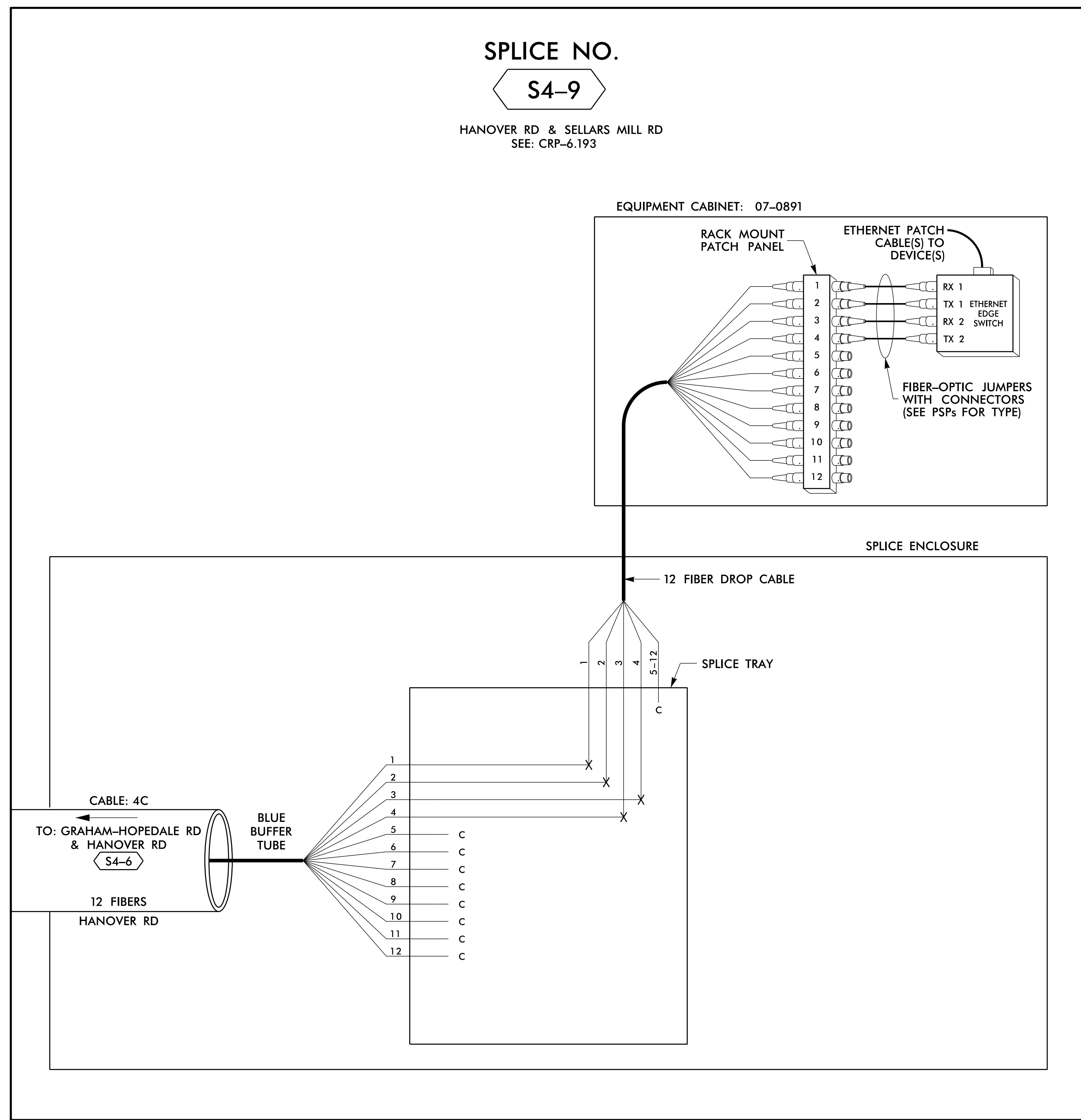
BRADFORD J. SLOJUM
ENGINEER
15/2018

CADD File name: FS 4.026.dgn

SPLICE NO.

S4-9

HANOVER RD & SELLARS MILL RD
SEE: CRP-6.193



14 JUN 2018 12:16
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LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER
(1) BLUE	(7) RED	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	C = CAP AND SEAL
(3) GREEN	(9) YELLOW	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(4) BROWN	(10) VIOLET	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(5) SLATE	(11) ROSE	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.
(6) WHITE	(12) AQUA	

NOTES

1. UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
2. UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
3. EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

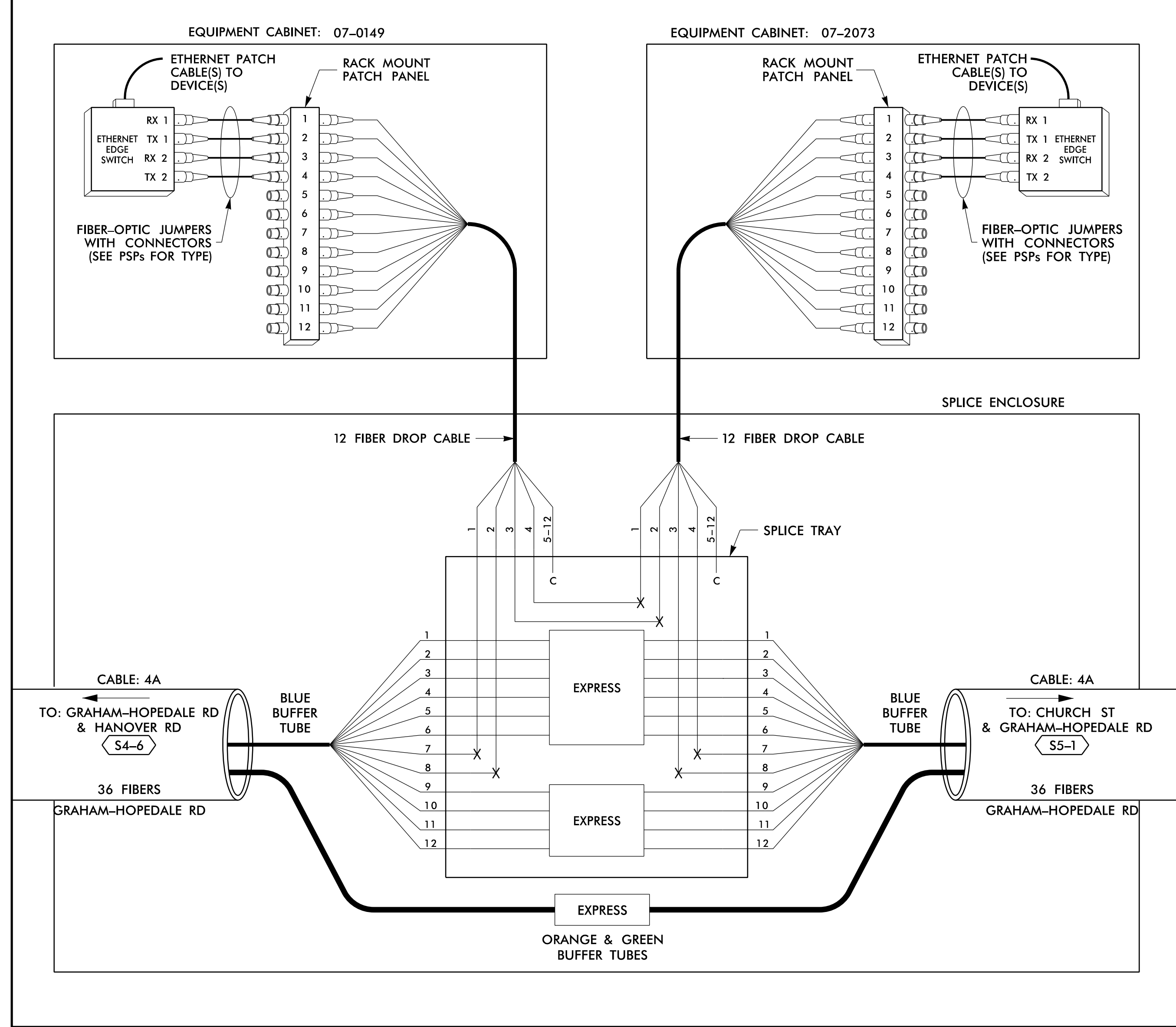
ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEE# F-0326

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<p>Prepared for the Offices of: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION Transportation Systems</p>	Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 Alamance County	Burlington & Graham	
PLAN DATE: June 2018	REVIEWED BY: HA BADGETT	PREPARED BY: BJ SLOCUM	
SCALE: N/A	REVIEWED BY: DL JONES	REVISIONS	INIT. DATE
CAD File name: FS 4.027.dgn			

SPLICE NO.
S4-10

GRAHAM-HOPEDALE RD & PIEDMONT WAY
SEE: CRP-6.187



LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		


NOTES

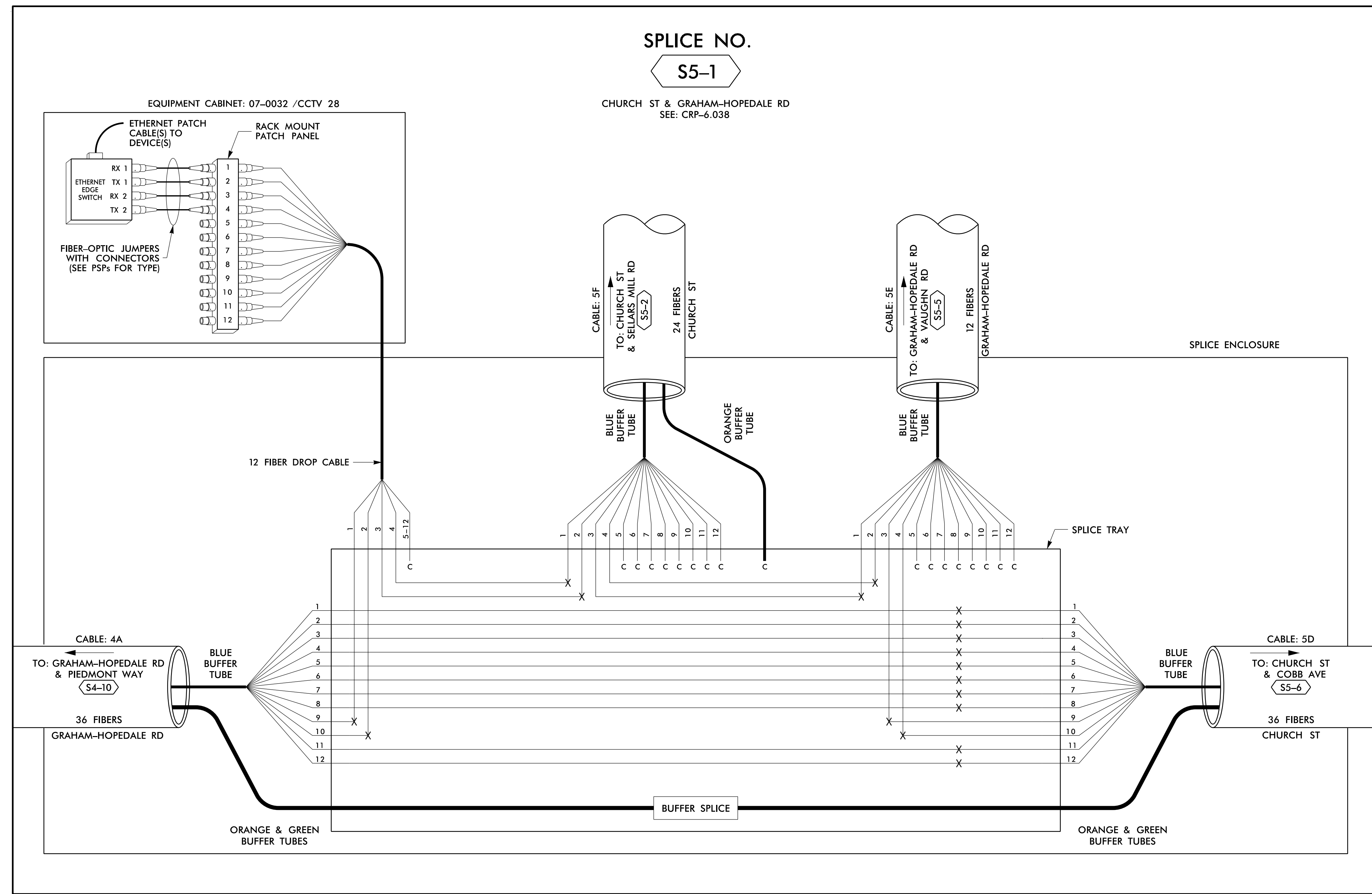
- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
- EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEE# F-0326

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

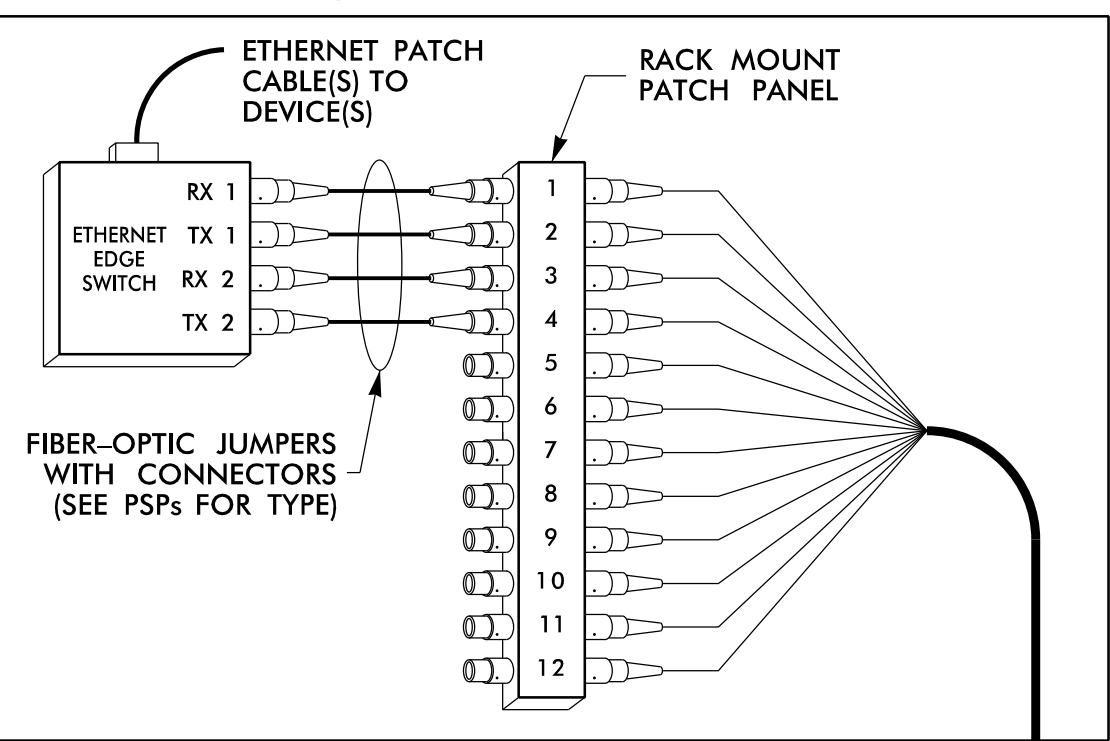
 Prepared for the Offices of: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION Transportation Systems	Burlington-Graham Signal System Fiber-Optic Splicing Details		SEAL NORTH CAROLINA PROFESSIONAL SEAL 040877 ENGINEER Bradford J. Slocum 15/2018
	Division 7 PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Alamance County REVIEWED BY: HA BADGETT DL JONES	
750 Greenfield Parkway, Garner, NC 27529 SCALE: N/A	REVISIONS	INIT. DATE	DATE



SPLICE NO.
S5-1

CHURCH ST & GRAHAM-HOPEDALE RD
 SEE: CRP-6.038

EQUIPMENT CABINET: 07-0032 / CCTV 28



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COLOR CODE		LEGEND	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

- NOTES**
- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
 - UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
 - EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEES #F-0326

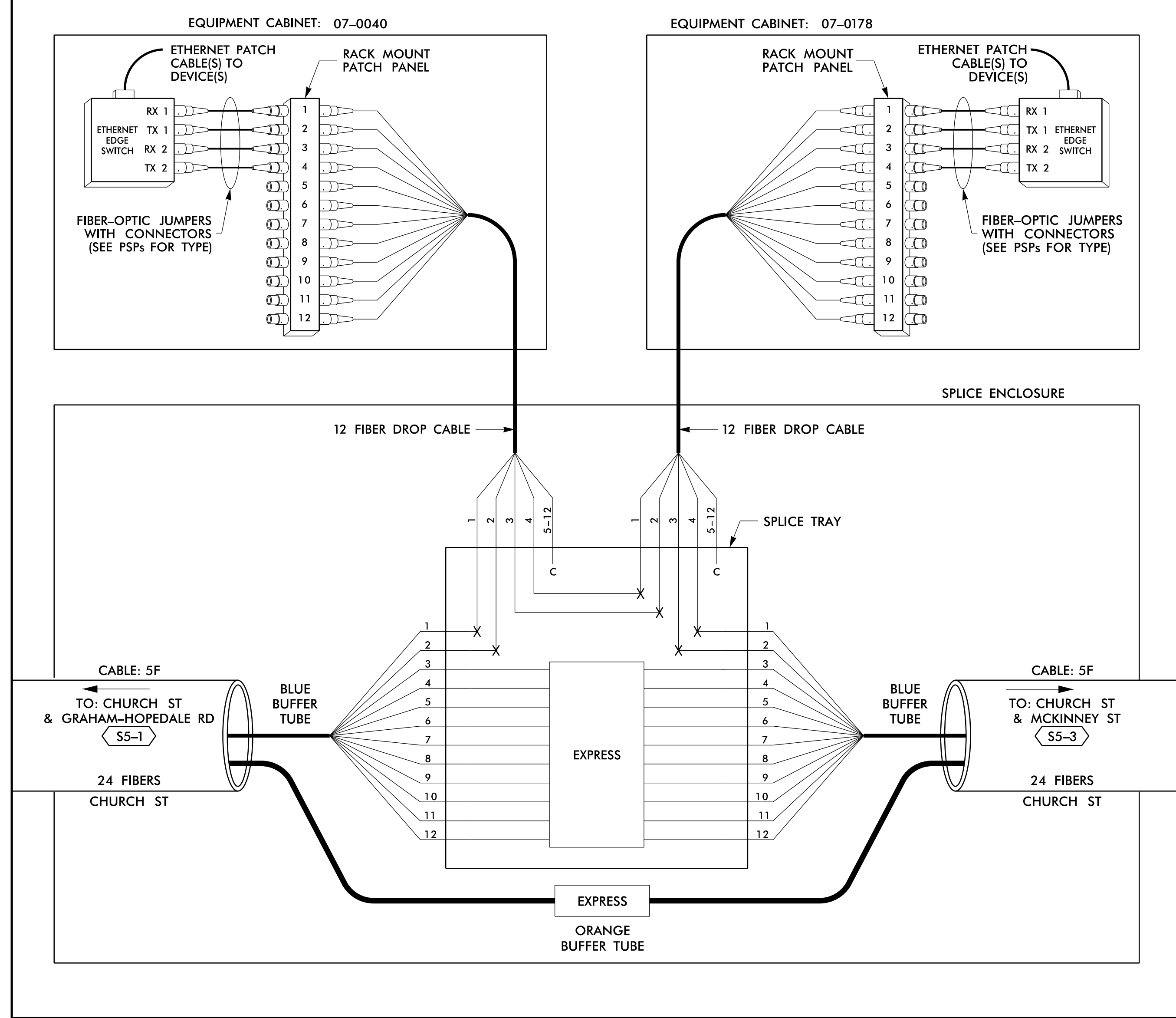
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 UNLESS ALL SIGNATURES COMPLETED

	Prepared for the Offices of: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		
	Burlington-Graham Signal System Fiber-Optic Splicing Details		
Division 7 Alamance County Burlington & Graham		PLAN DATE: June 2018 REVIEWED BY: HA BADGETT	
PREPARED BY: BJ SLOCUM REVIEWED BY: DL JONES		REVISIONS: _____ INIT. DATE: _____	
SCALE: N/A		DATE: _____	

SPLICE NO.

S5-2

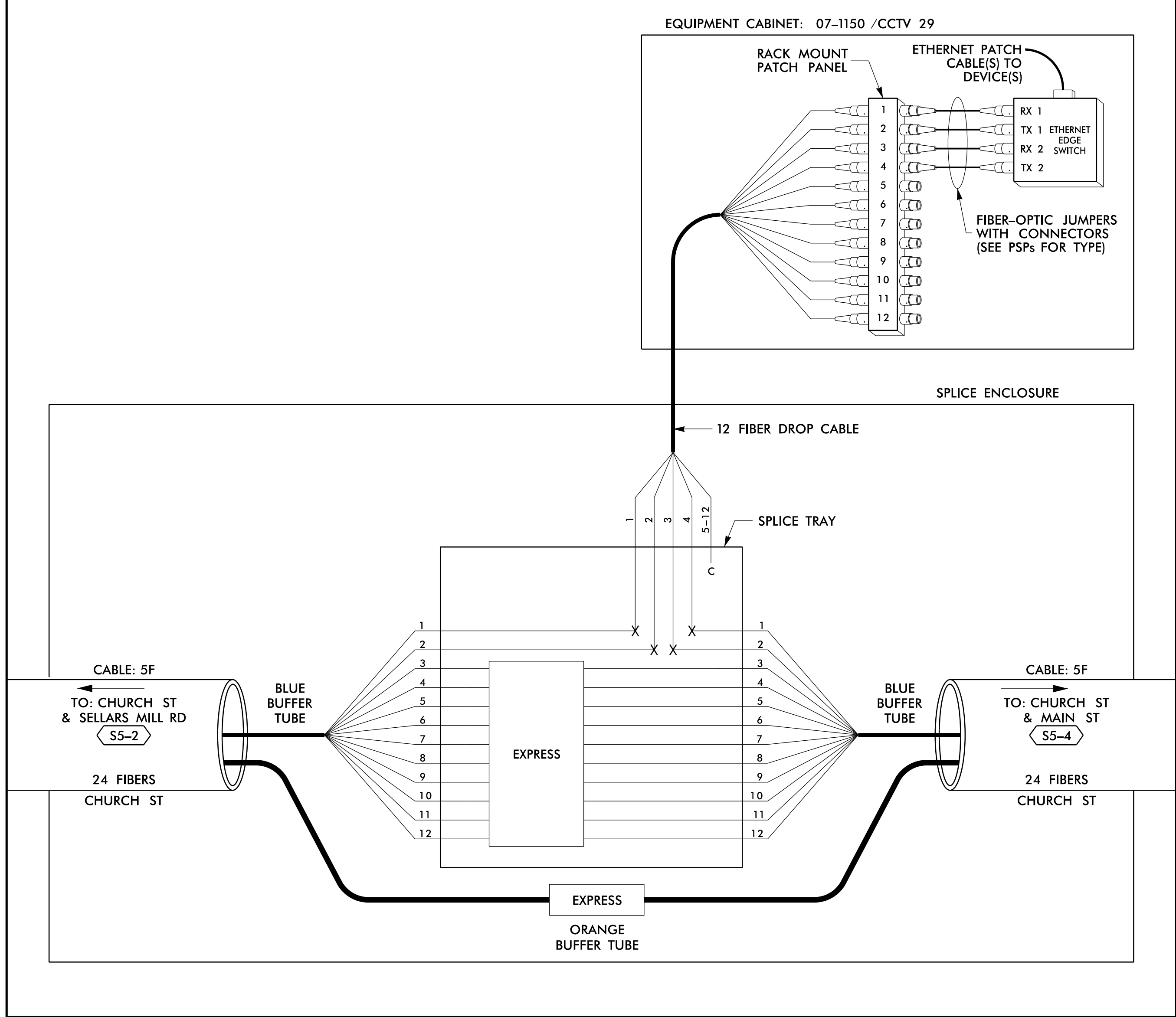
CHURCH ST & SELLARS MILL RD
SEE: CRP-6.039



SPLICE NO.

S5-3

CHURCH ST & MCKINNEY ST
SEE: CRP-6.042



LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

NOTES

- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEEES #F-0326

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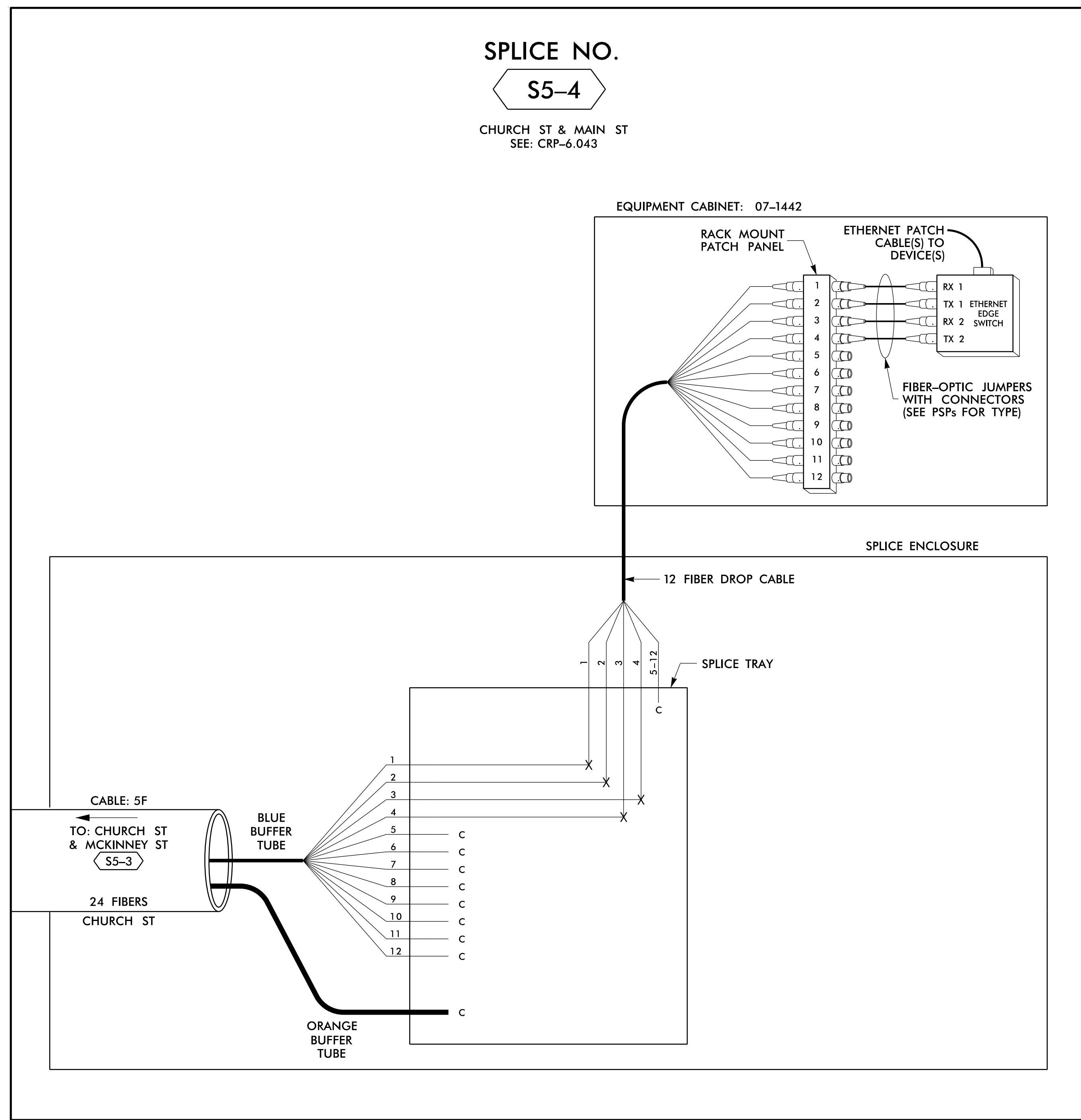
	Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Alamance County REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	
750 Greenfield Parkway, Garner, NC 27529 SCALE: N/A	REVISIONS: _____ INIT. DATE _____		DATE: _____

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SPLICE NO.

S5-4

CHURCH ST & MAIN ST
SEE: CRP-6.043



LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER
(1) BLUE	(7) RED	EXPRESS
(2) ORANGE	(8) BLACK	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(3) GREEN	(9) YELLOW	BUFFER SPlice
(4) BROWN	(10) VIOLET	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(5) SLATE	(11) ROSE	EXISTING
(6) WHITE	(12) AQUA	EXISTING BUFFER TUBE / FIBERS. DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.
		C = CAP AND SEAL

NOTES

- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
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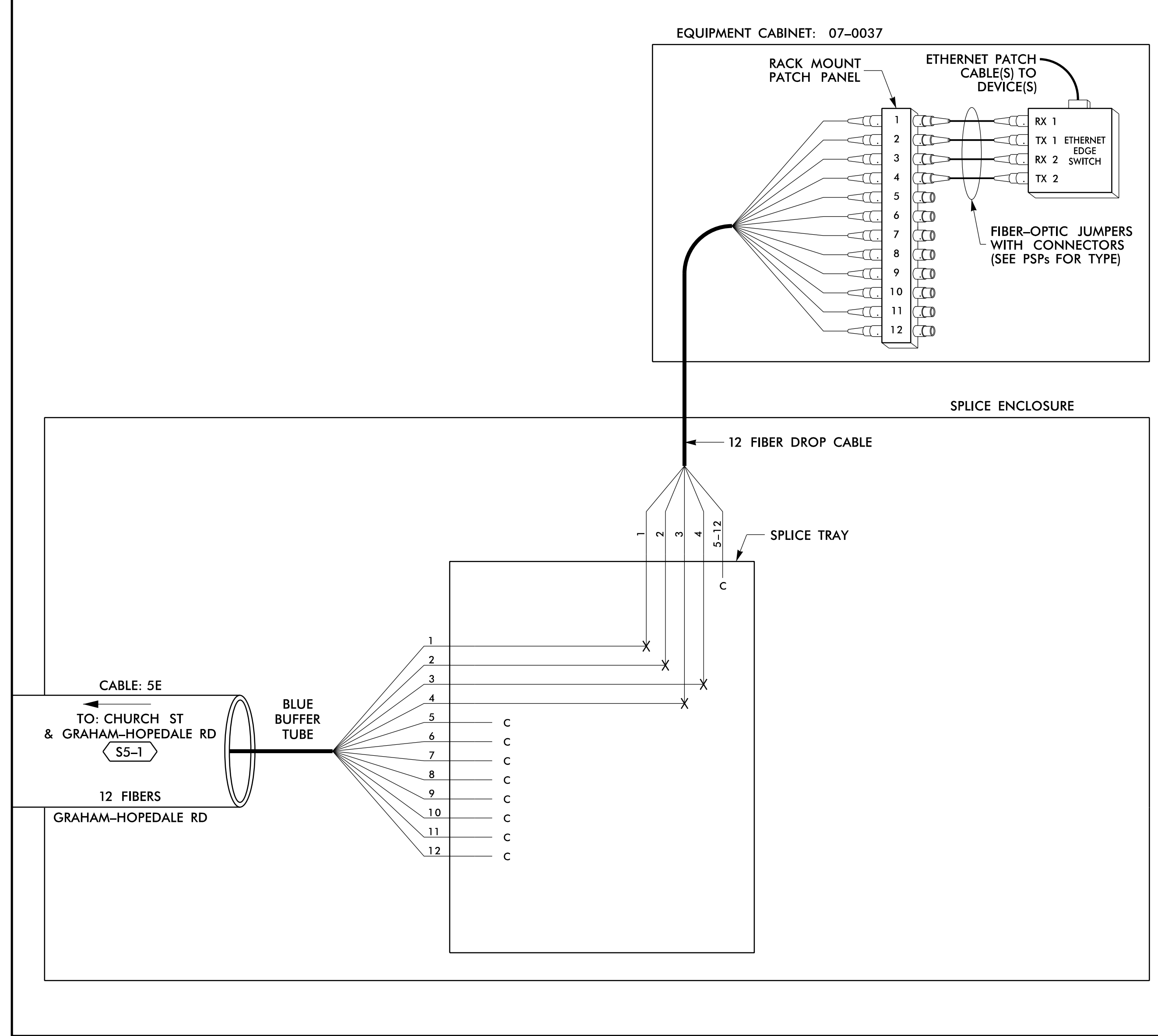
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UNLESS ALL SIGNATURES COMPLETED

	Prepared for the Offices of: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION Division 7 Alameda County Burlington & Graham		
	Burlington-Graham Signal System Fiber-Optic Splicing Details		
PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER BRADFORD J. SLOCUM 15/2018
SCALE: N/A	REVISIONS:		DATE:
CAD File name: FS_4.031.dgn			DATE:

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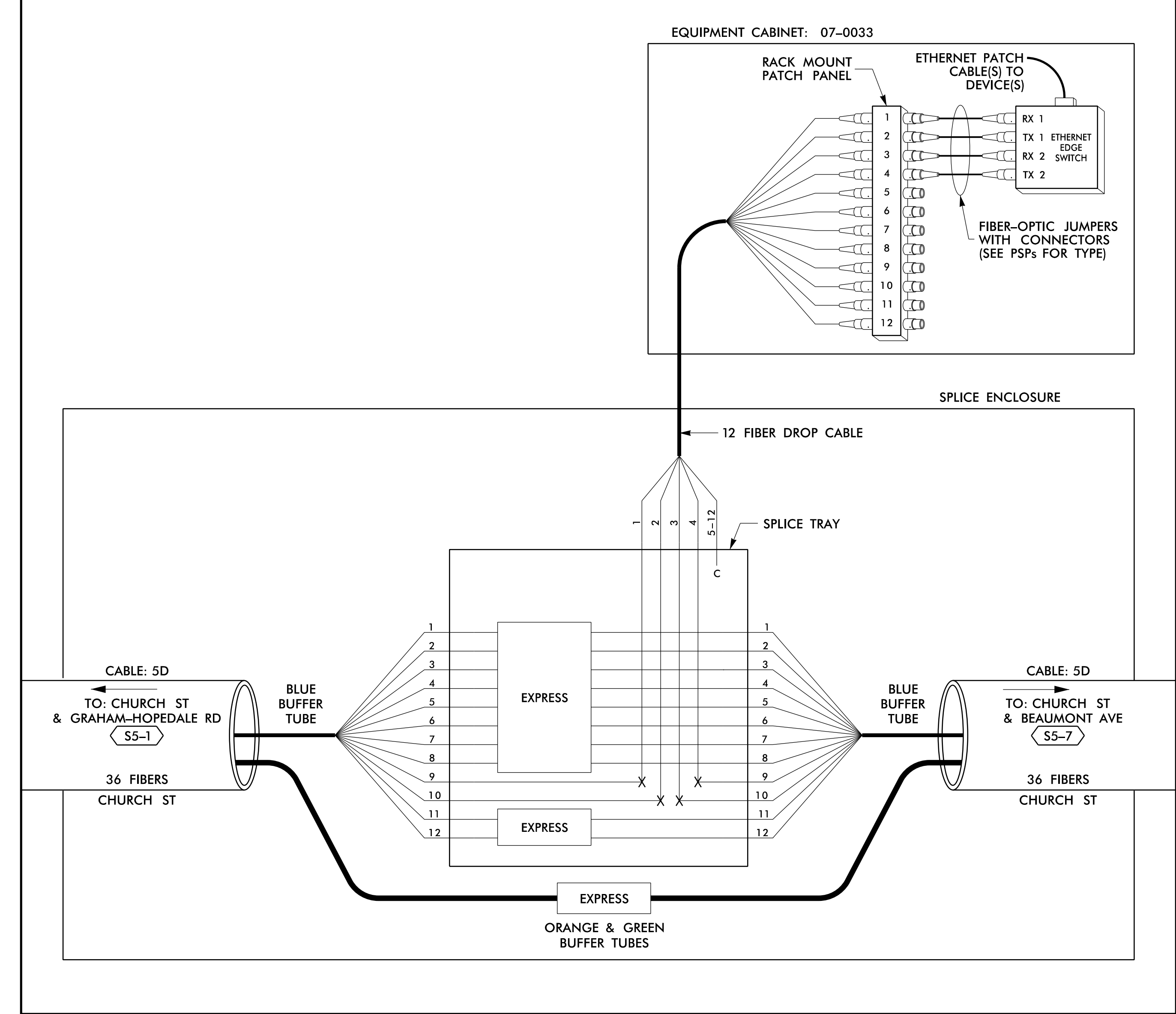
SPLICE NO.
S5-5

GRAHAM-HOPEDALE RD & VAUGHN RD
SEE: CRP-6.189



SPLICE NO.
S5-6

CHURCH ST & COBB AVE
SEE: CRP-6.037



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LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(1) BLUE	(7) RED	C = CAP AND SEAL	BUFFER SPlice	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(2) ORANGE	(8) BLACK		EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.
(3) GREEN	(9) YELLOW			
(4) BROWN	(10) VIOLET			
(5) SLATE	(11) ROSE			
(6) WHITE	(12) AQUA			

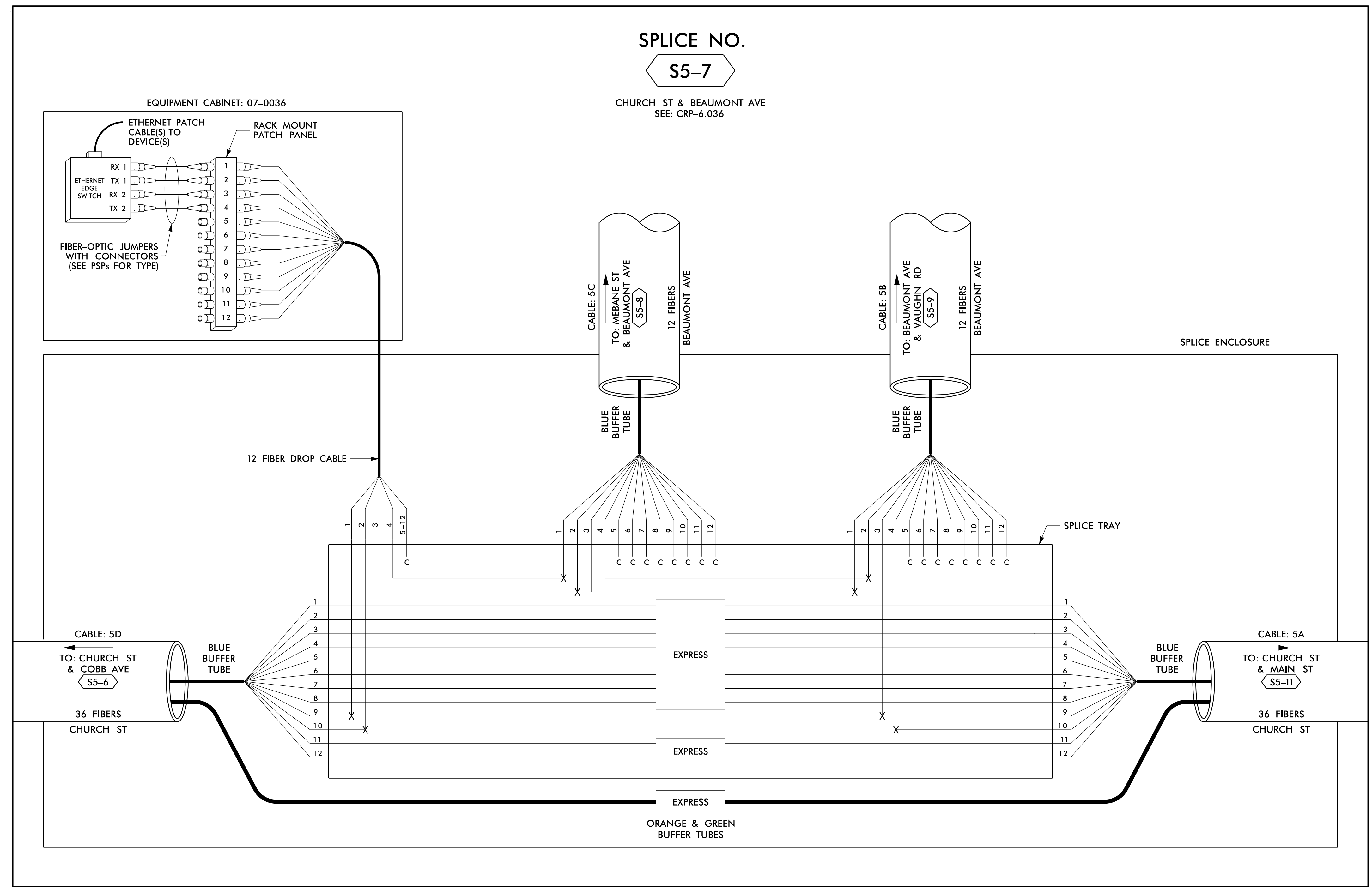
NOTES

- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBES #F-0326

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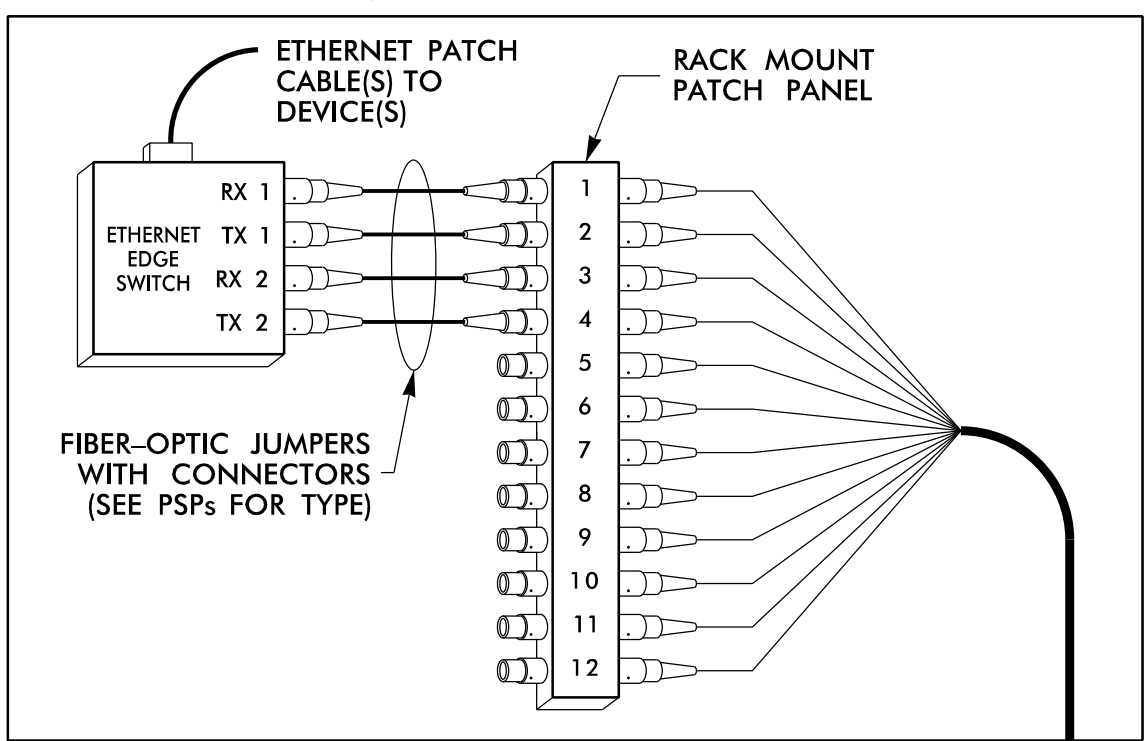
<p>750 Greenfield Parkway, Garner, NC 27529</p>	<p>Burlington-Graham Signal System Fiber-Optic Splicing Details</p>							
	<p>Division 7 Alamance County Burlington & Graham</p>	<p>PLAN DATE: June 2018 REVIEWED BY: HA BADGETT</p> <p>PREPARED BY: BJ SLOCUM REVIEWED BY: DL JONES</p>		<p>SEAL NORTH CAROLINA PROFESSIONAL ENGINEER BRADFORD J. SLOCUM 040877</p>				
<p>SCALE N/A</p>	<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>INIT.</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	INIT.	DATE				<p>DATE 15/2018</p> <p>DATE</p>
NO.	INIT.	DATE						



SPLICE NO.
S5-7

CHURCH ST & BEAUMONT AVE
 SEE: CRP-6.036

EQUIPMENT CABINET: 07-0036



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COLOR CODE		LEGEND	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPlice	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

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750 Greenfield Parkway, Garner, NC 27529

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 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEES #F-0326

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Prepared for the Offices of:

**Burlington-Graham Signal System
 Fiber-Optic Splicing Details**

Division 7 Alamance County Burlington & Graham

PLAN DATE: June 2018 REVIEWED BY: HA BADGETT

PREPARED BY: BJ SLOCUM REVIEWED BY: DL JONES

REVISIONS	INIT.	DATE

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 040877
 BRADFORD J. SLOCUM
 15/2018
 DATE

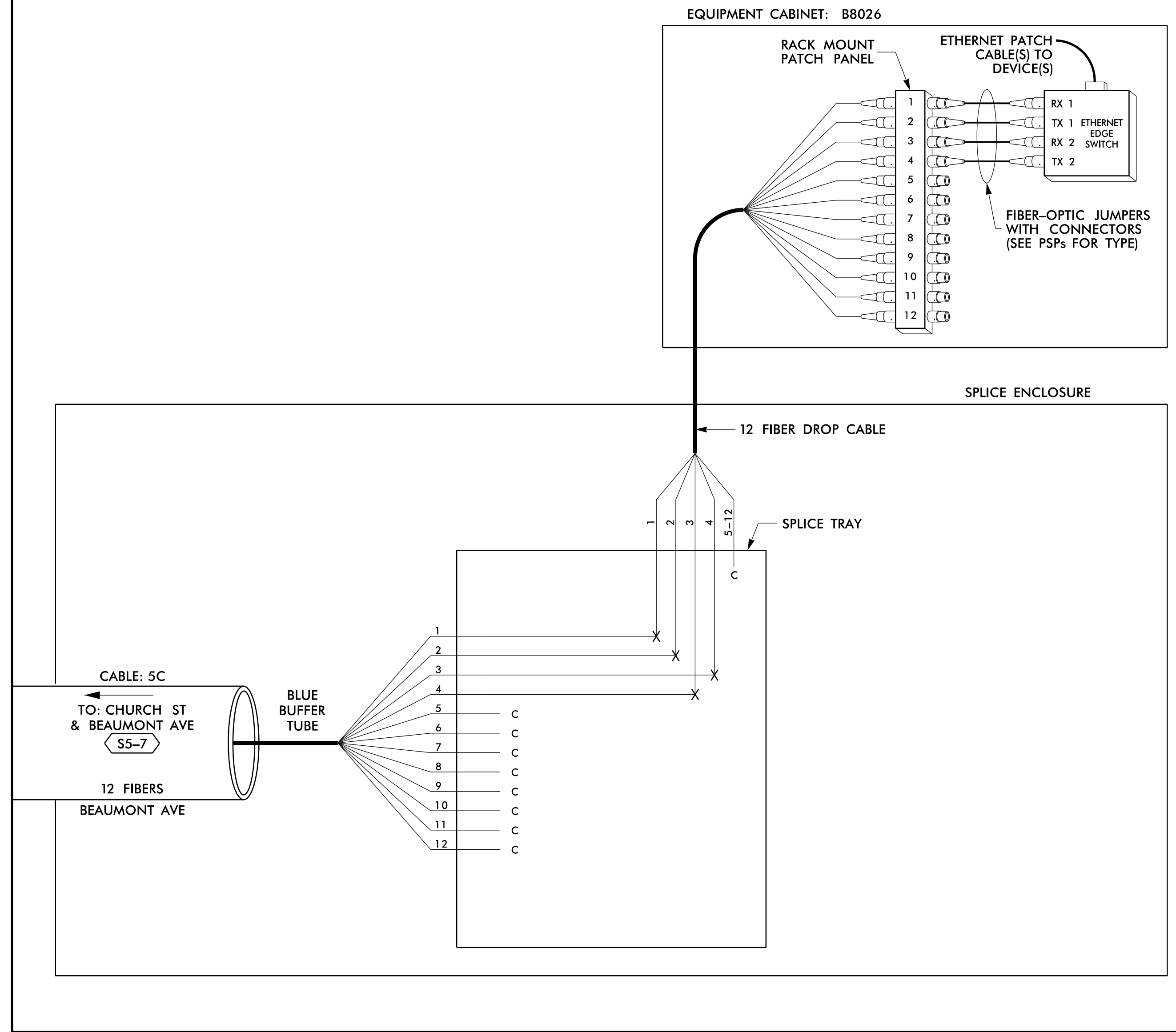
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SPLICE NO.

S5-8

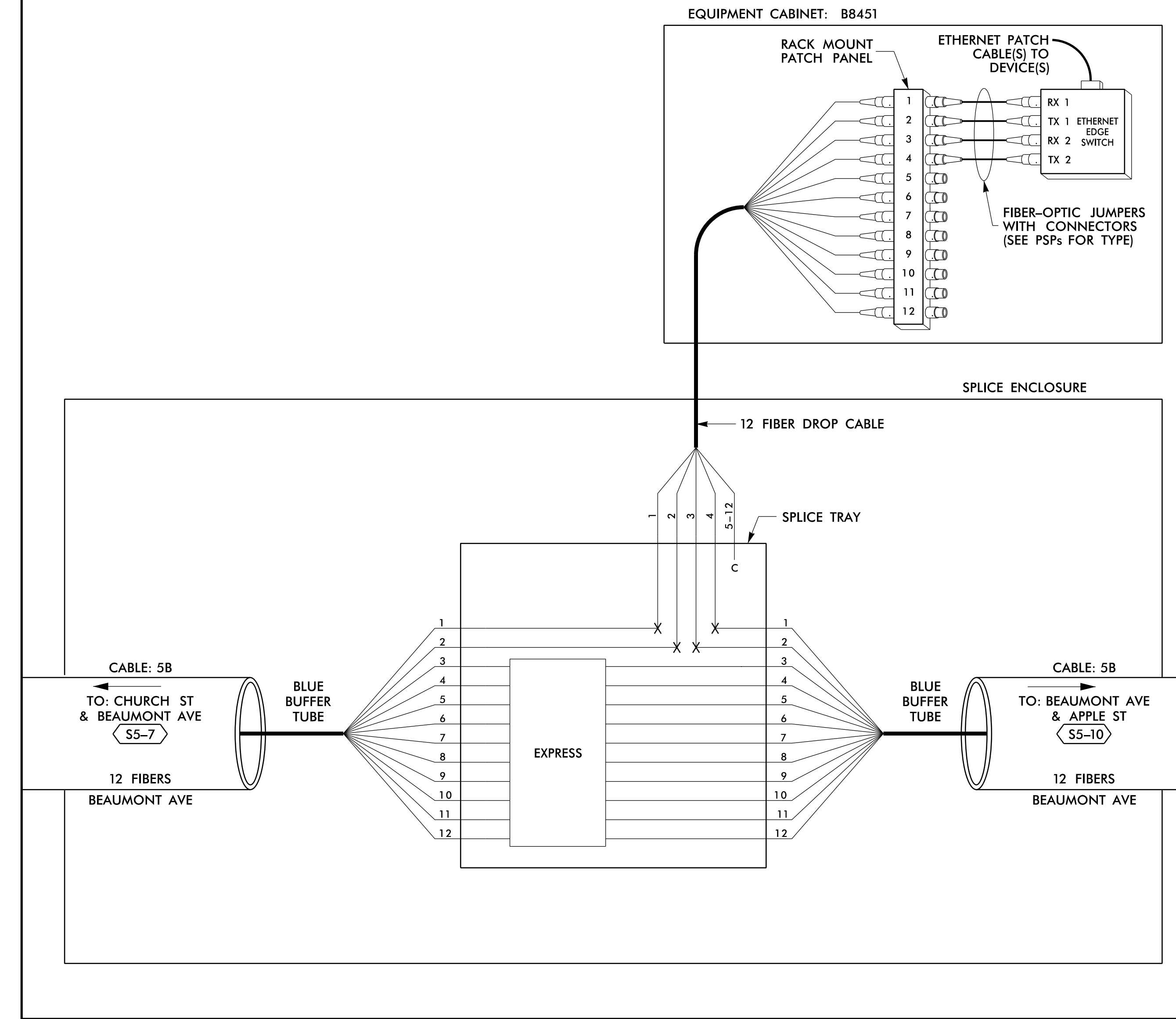
MEBANE ST & BEAUMONT AVE
SEE: CRP-6.161



SPLICE NO.

S5-9

BEAUMONT AVE & VAUGHN RD
SEE: CRP-6.162



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LEGEND

COLOR CODE		X = FUSION SPlice INDIVIDUAL FIBER	
TIA/EIA 598-B		C = CAP AND SEAL	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPlice	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

NOTES

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2. UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
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ATKINS

1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEEs #F-0326

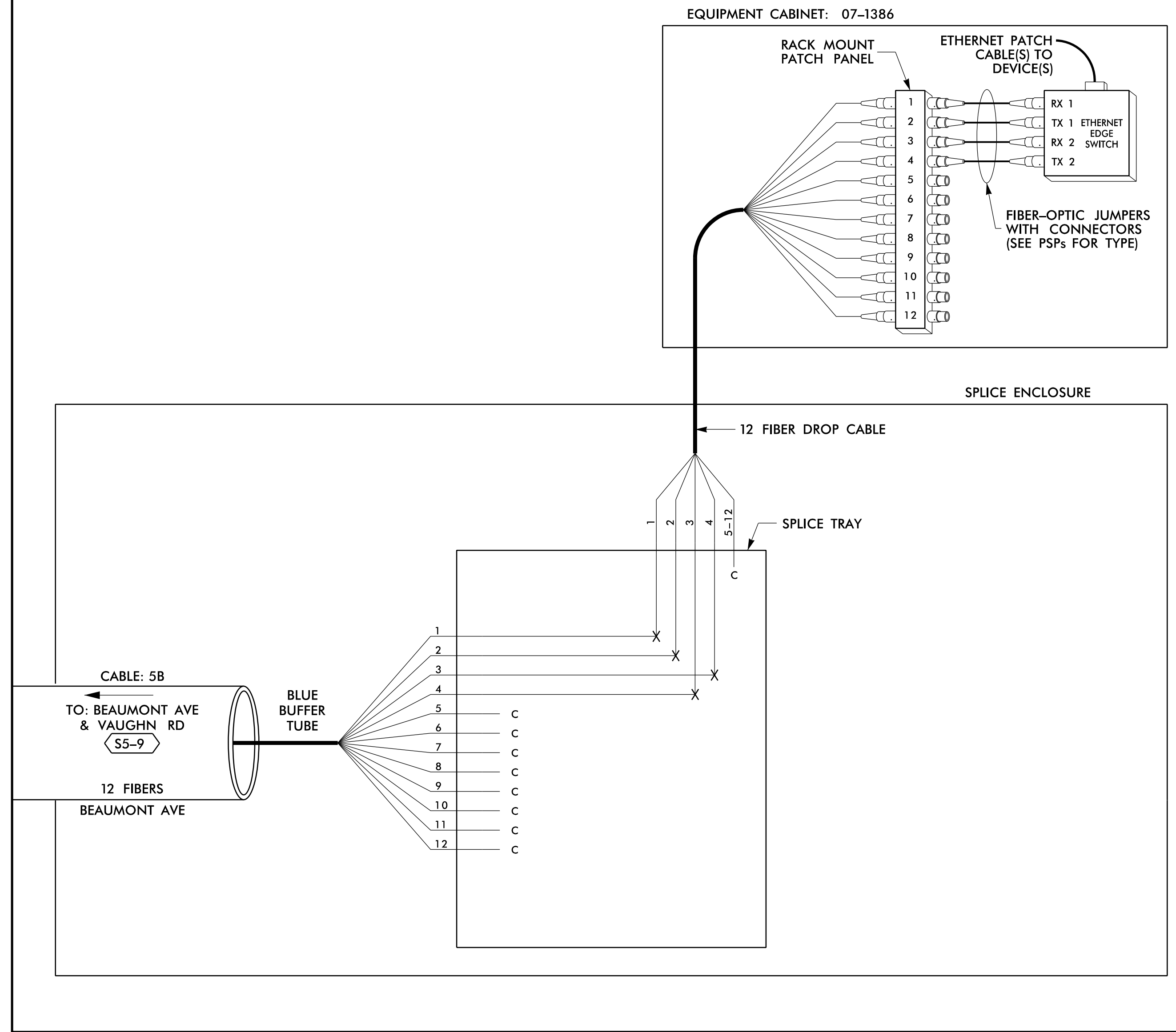
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	Prepared for the Offices of: Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 Alamance County	Burlington & Graham	
PLAN DATE: June 2018	REVIEWED BY: HA BADGETT	PREPARED BY: BJ SLOCUM	REVIEWED BY: DL JONES
REVISIONS	INIT.	DATE	DATE
SCALE: N/A	DATE:	DATE:	DATE:

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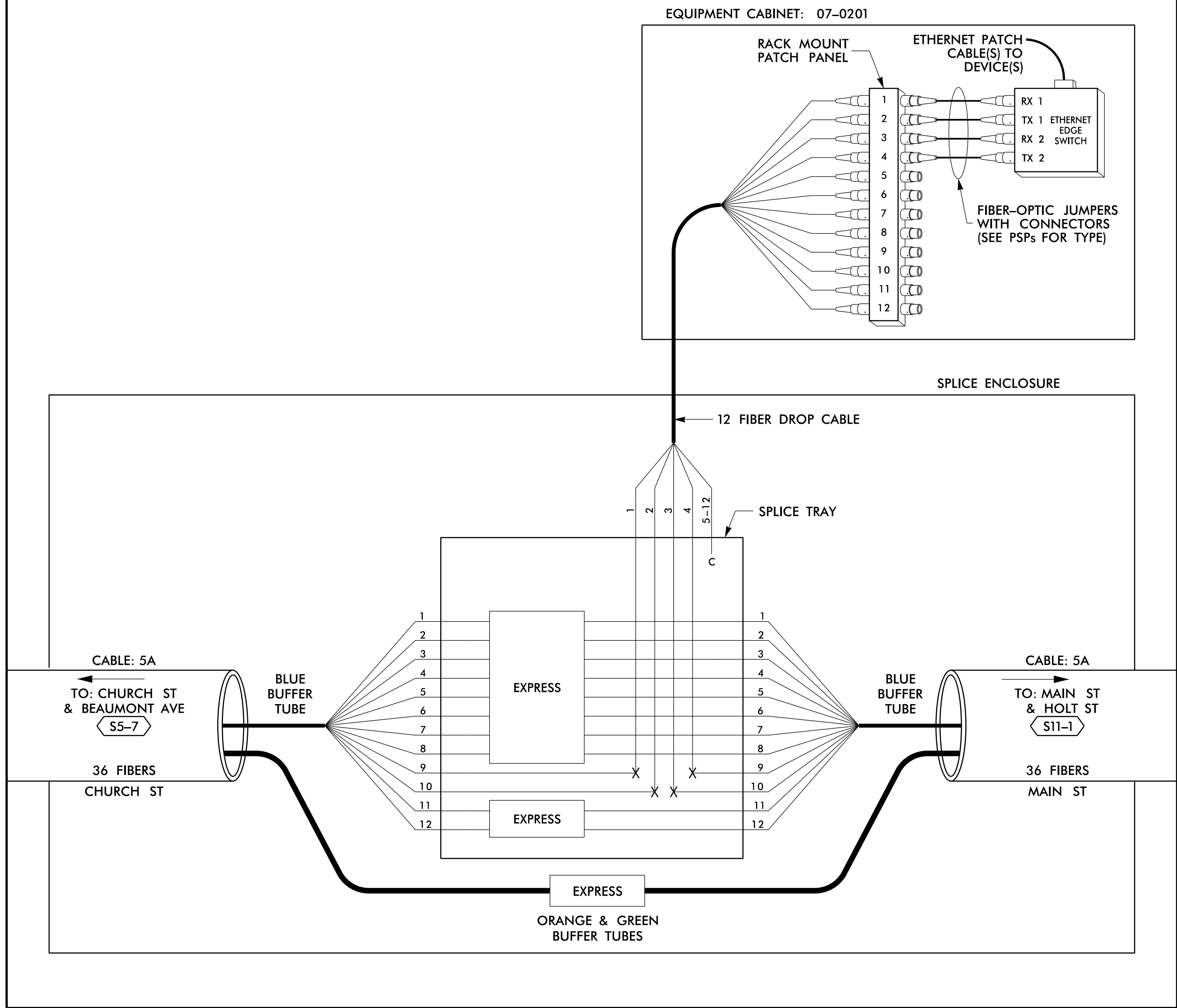
SPLICE NO.
S5-10

BEAUMONT AVE & APPLE ST
SEE: CRP-6.165



SPLICE NO.
S5-11

CHURCH ST & MAIN ST
SEE: CRP-6.035



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LEGEND

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

EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
 SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
 EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.

NOTES

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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEES #F-0326

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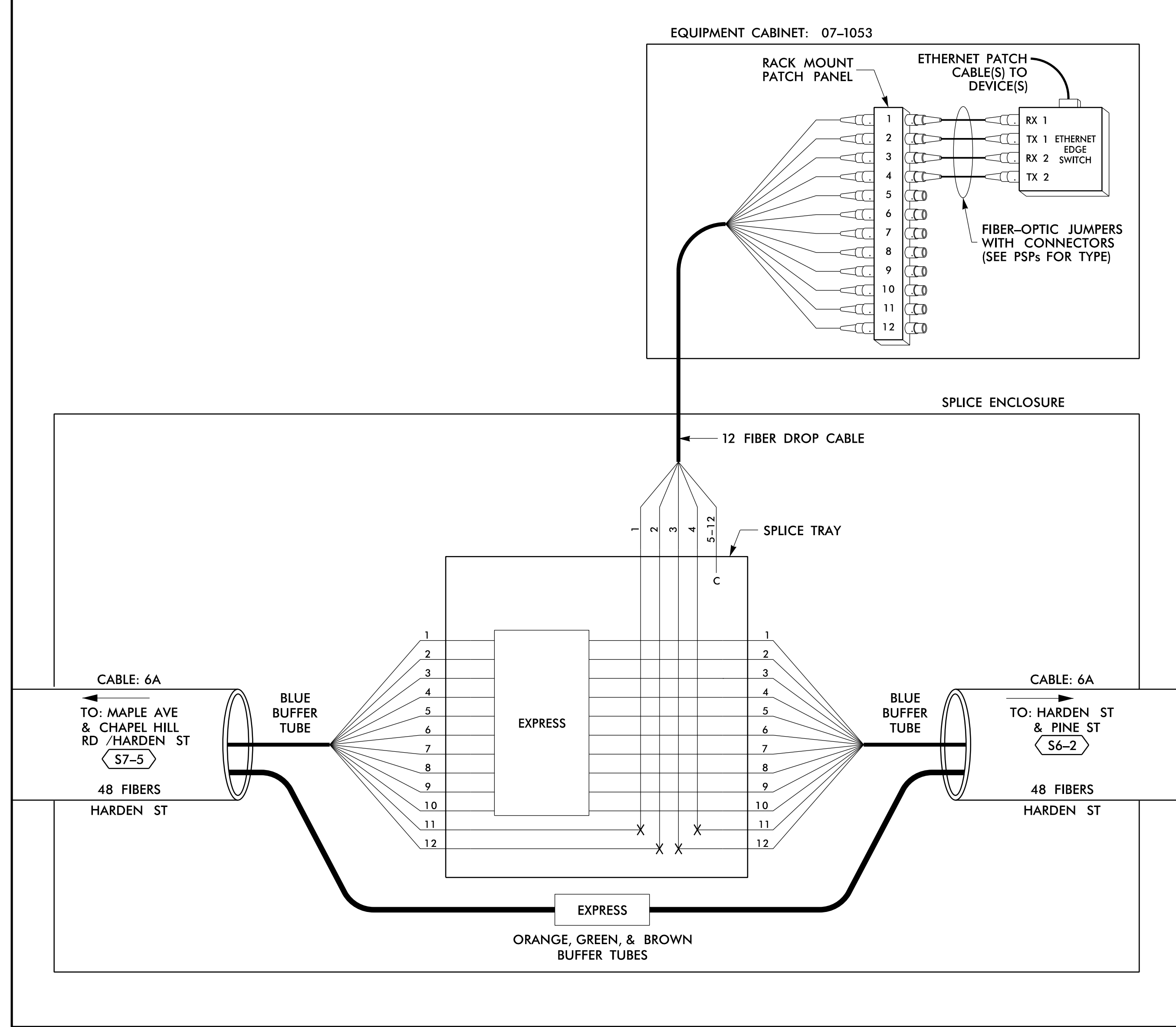
Prepared for the Offices of: 750 Greenfield Parkway, Garner, NC 27529	Burlington-Graham Signal System Fiber-Optic Splicing Details		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040877 BRADFORD J. SLOCOM 15/2018 DATE
	Division 7 Alamance County PLAN DATE: June 2018 PREPARED BY: BJ SLOCOM	Burlington & Graham REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	
SCALE N/A	REVISIONS INIT. DATE		DATE

750 Greenfield Parkway, Garner, NC 27529
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SPLICE NO.

S6-1

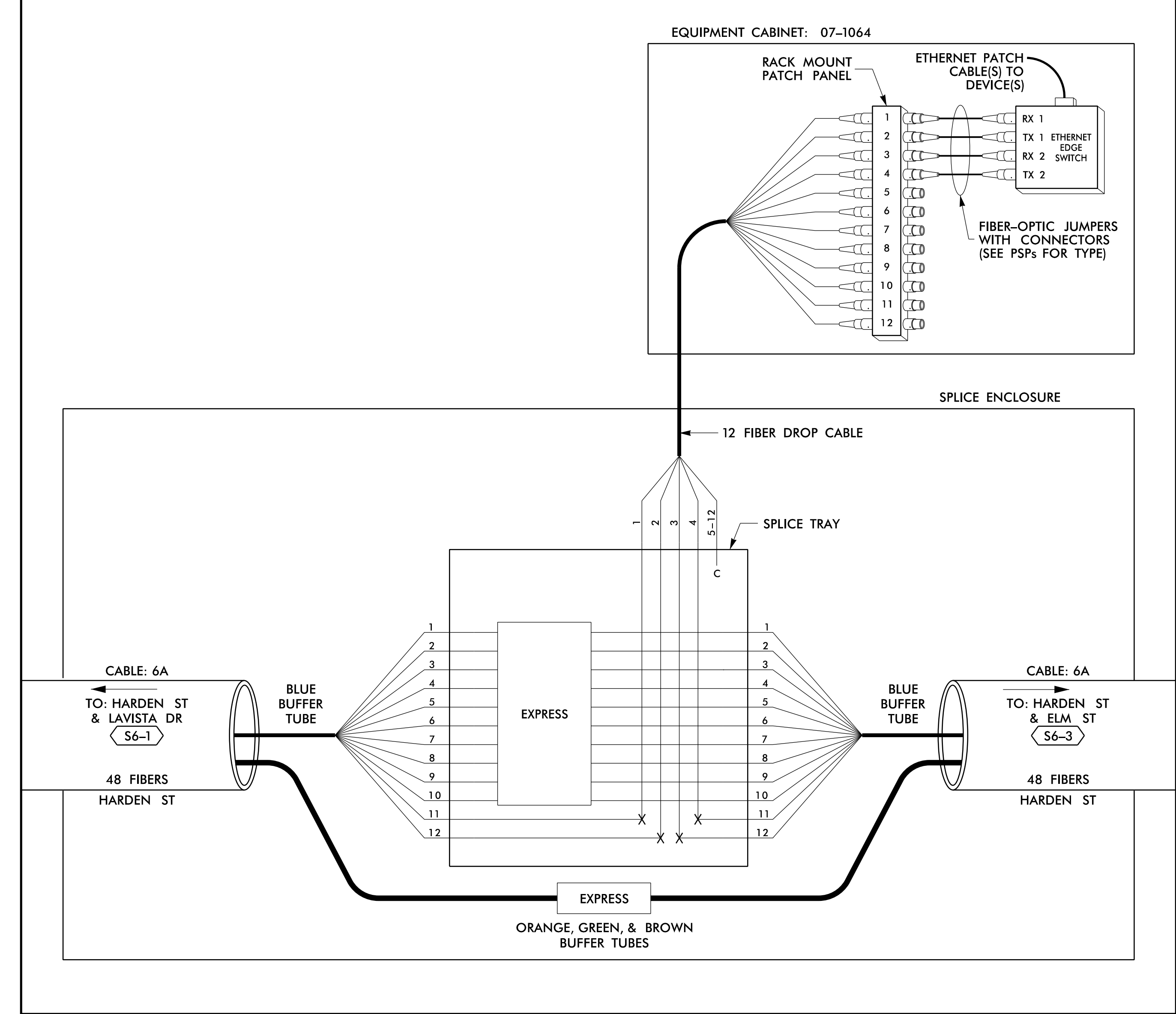
HARDEN ST & LAVISTA DR
SEE: CRP-6.097



SPLICE NO.

S6-2

HARDEN ST & PINE ST
SEE: CRP-6.099



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LEGEND

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

EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
 SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
 EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.

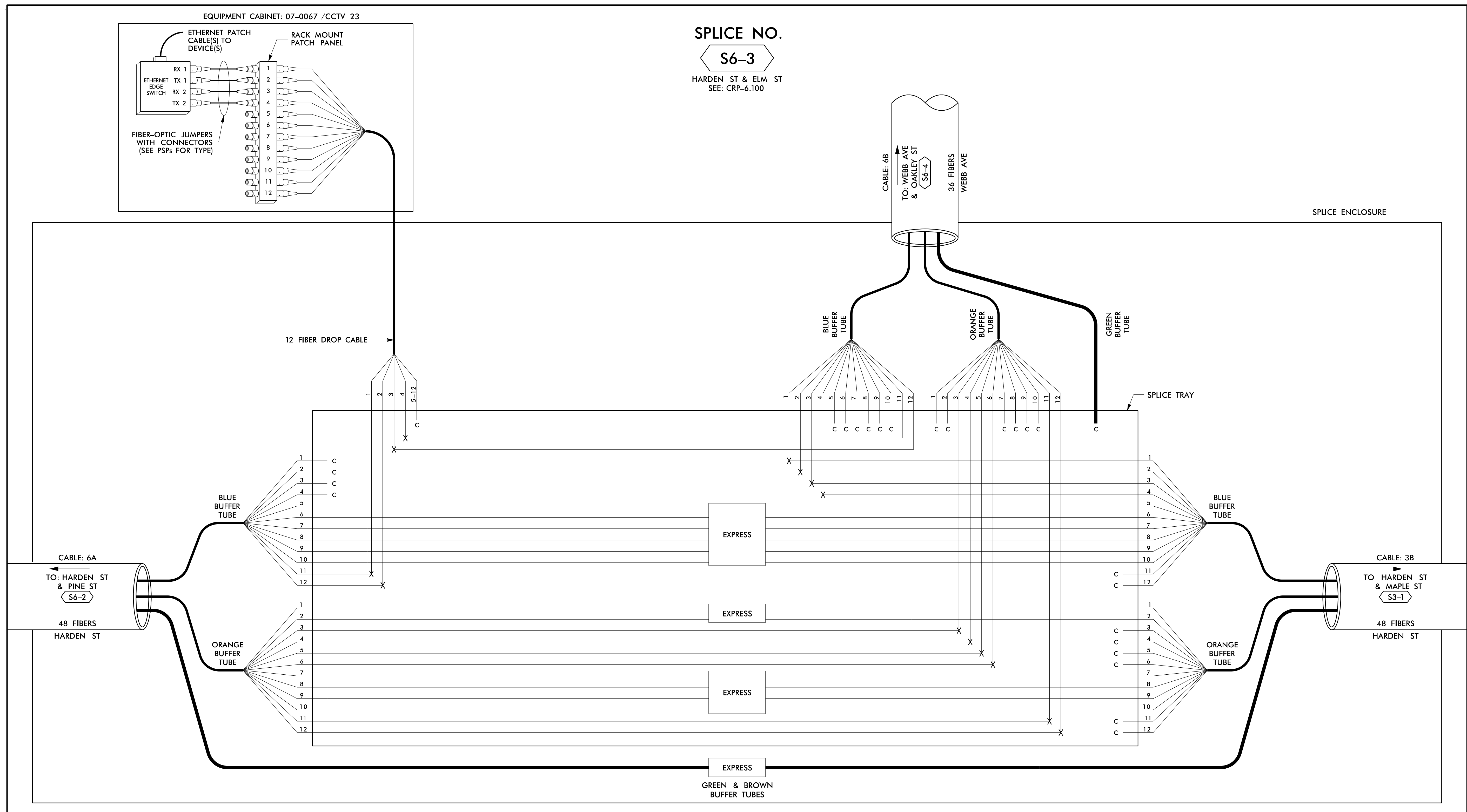
NOTES

- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEES #F-0326

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Prepared for the Offices of: 750 Greenfield Parkway, Garner, NC 27529 SCALE: N/A	Burlington-Graham Signal System Fiber-Optic Splicing Details		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040877 BRADFORD J. SLOCUM 15/2018 DATE
	Division 7 Alamance County PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Burlington & Graham REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	
REVISIONS:			DATE:



SPLICE NO.
S6-3
 HARDEN ST & ELM ST
 SEE: CRP-6.100

LEGEND

<p>COLOR CODE TIA/EIA 598-B</p> <p>(1) BLUE (7) RED (2) ORANGE (8) BLACK (3) GREEN (9) YELLOW (4) BROWN (10) VIOLET (5) SLATE (11) ROSE (6) WHITE (12) AQUA</p>	<p>X = FUSION SPLICED INDIVIDUAL FIBER C = CAP AND SEAL</p> <p>EXPRESS EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING</p> <p>BUFFER SPLICED SPLICED ALL FIBERS IN BUFFER TUBE COLOR TO COLOR</p> <p>EXISTING EXISTING BUFFER TUBE /FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.</p>
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- NOTES**
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 RALEIGH, NORTH CAROLINA 27609
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Prepared for the Offices of: DEPARTMENT OF TRANSPORTATION State of North Carolina		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040877 BRADFORD J. SLOCUM ENGINEER 15/2018 DATE
Burlington-Graham Signal System Fiber-Optic Splicing Details Division 7 Alamance County Burlington & Graham		
PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM SCALE: N/A	REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	REVISIONS INIT. DATE

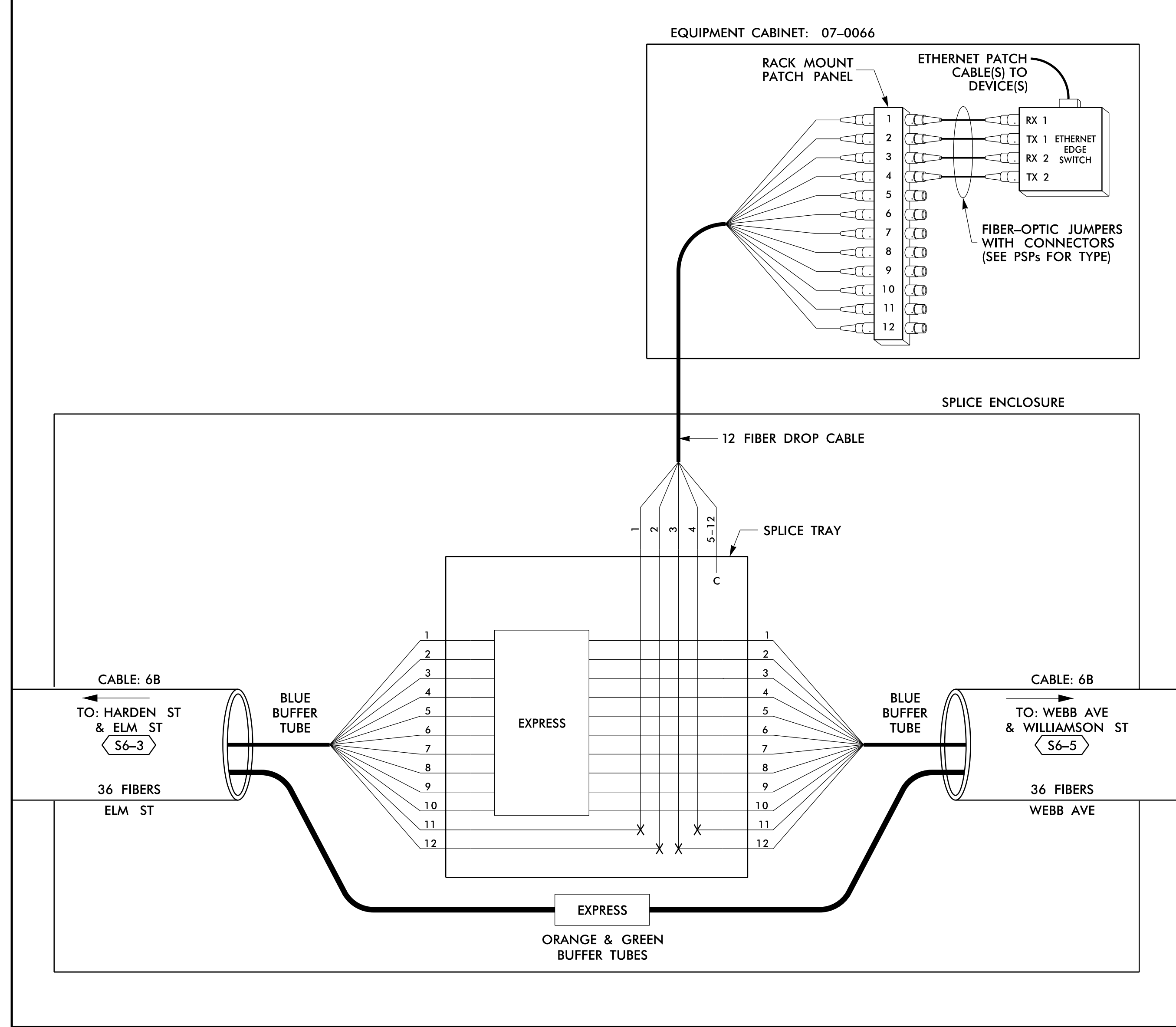
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SPLICE NO.

S6-4

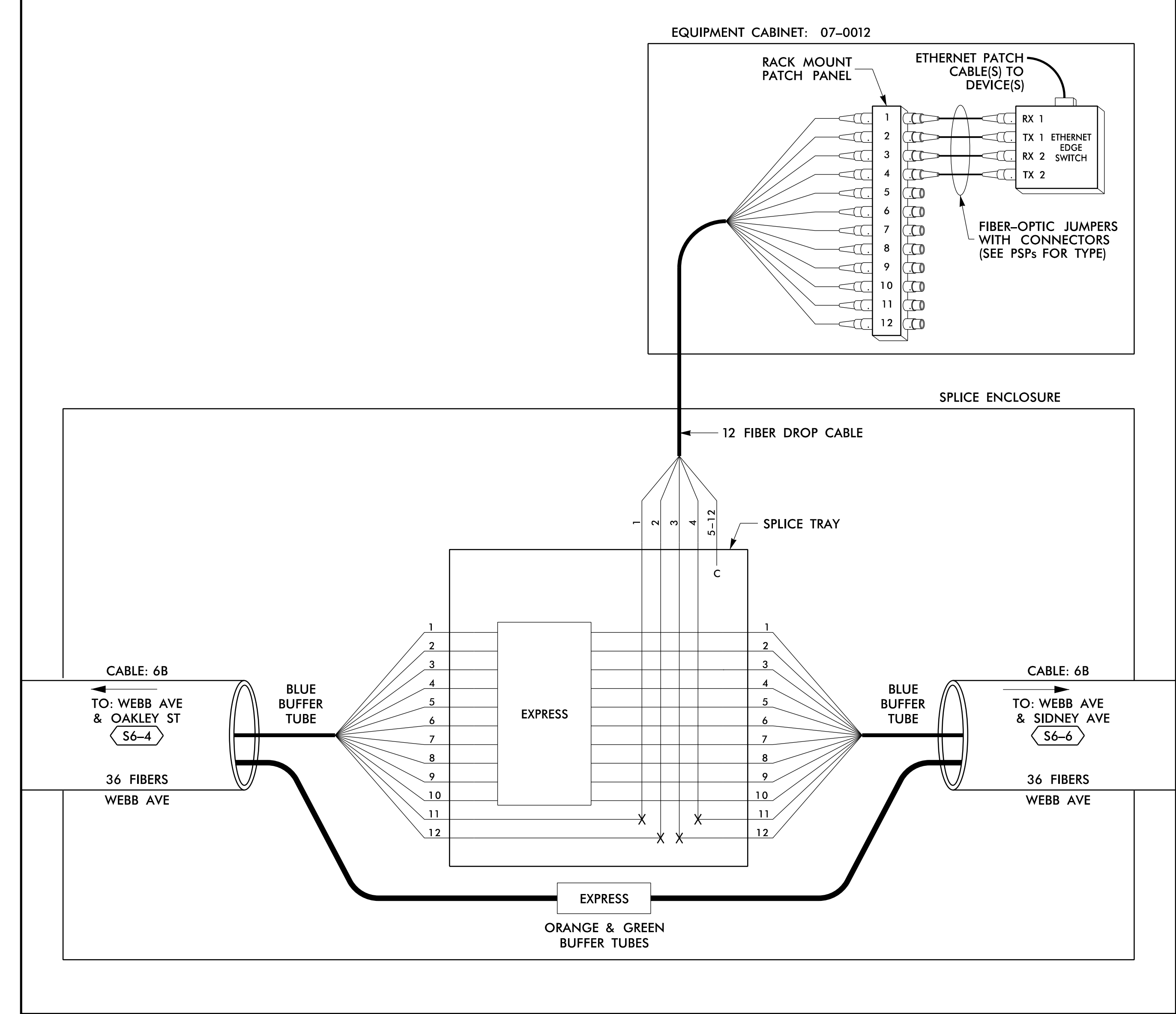
WEBB AVE & OAKLEY ST
SEE: CRP-6.126



SPLICE NO.

S6-5

WEBB AVE & WILLIAMSON ST
SEE: CRP-6.124



14 JUN 2018 12:19
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 SLOJ3653 AT LUS355433

LEGEND

COLOR CODE		TIA/EIA 598-B	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

NOTES

- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
- EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBES #F-0326

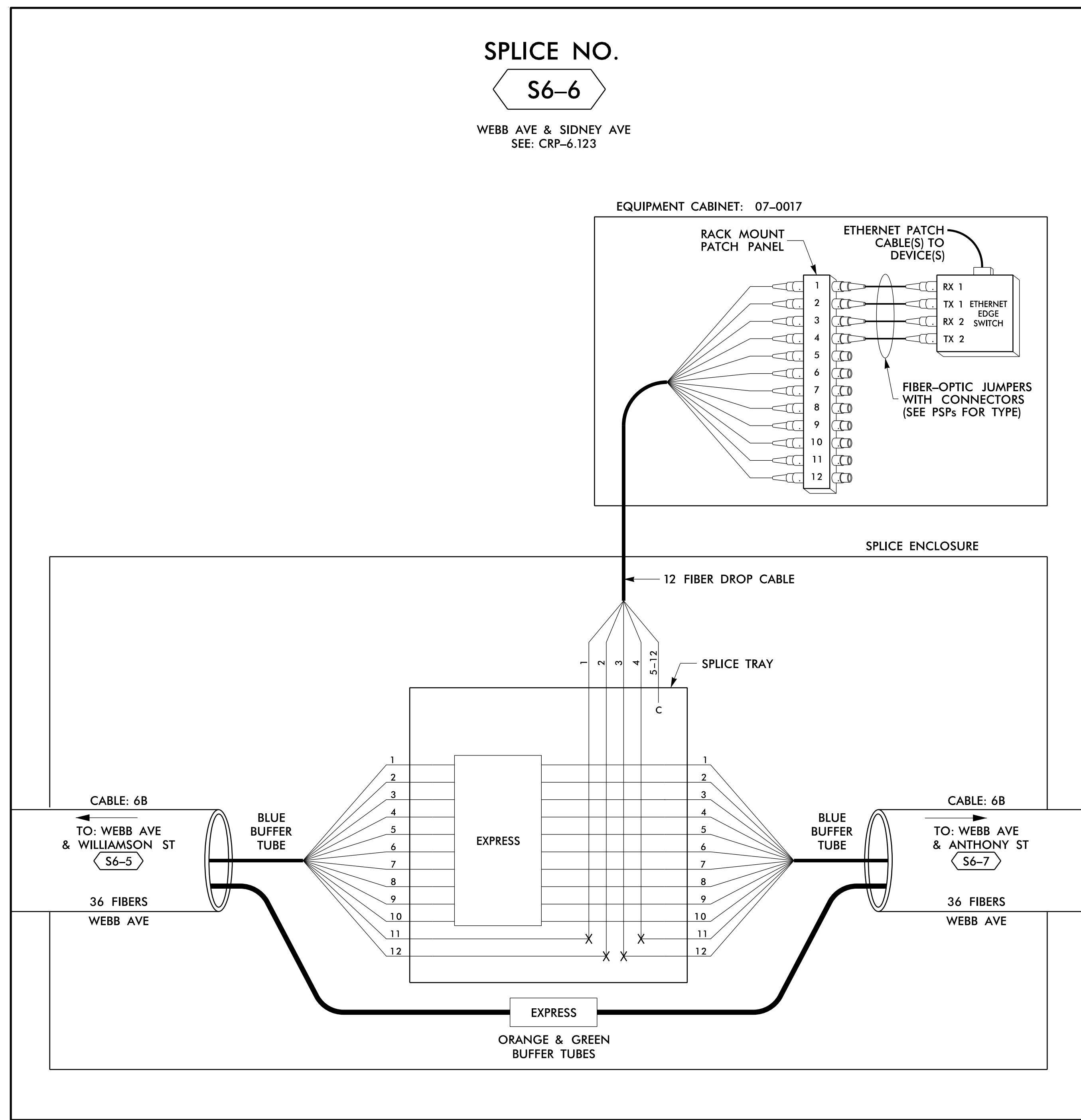
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	Burlington-Graham Signal System Fiber-Optic Splicing Details			
	Division 7 Alamance County	Burlington & Graham		
	PLAN DATE: June 2018	REVIEWED BY: HA BADGETT		
PREPARED BY: BJ SLOCUM	REVIEWED BY: DL JONES	DATE: 6/15/2018		
REVISIONS		INIT.	DATE	
SCALE: N/A				

SPLICE NO.

S6-6

WEBB AVE & SIDNEY AVE
SEE: CRP-6.123



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LEGEND

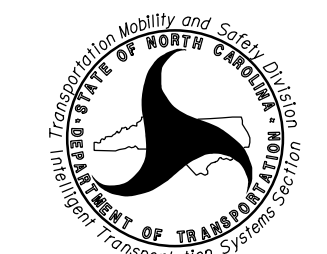
COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER C = CAP AND SEAL
(1) BLUE	(7) RED	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	
(3) GREEN	(9) YELLOW	BUFFER SPlice SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	EXISTING EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.
(6) WHITE	(12) AQUA	

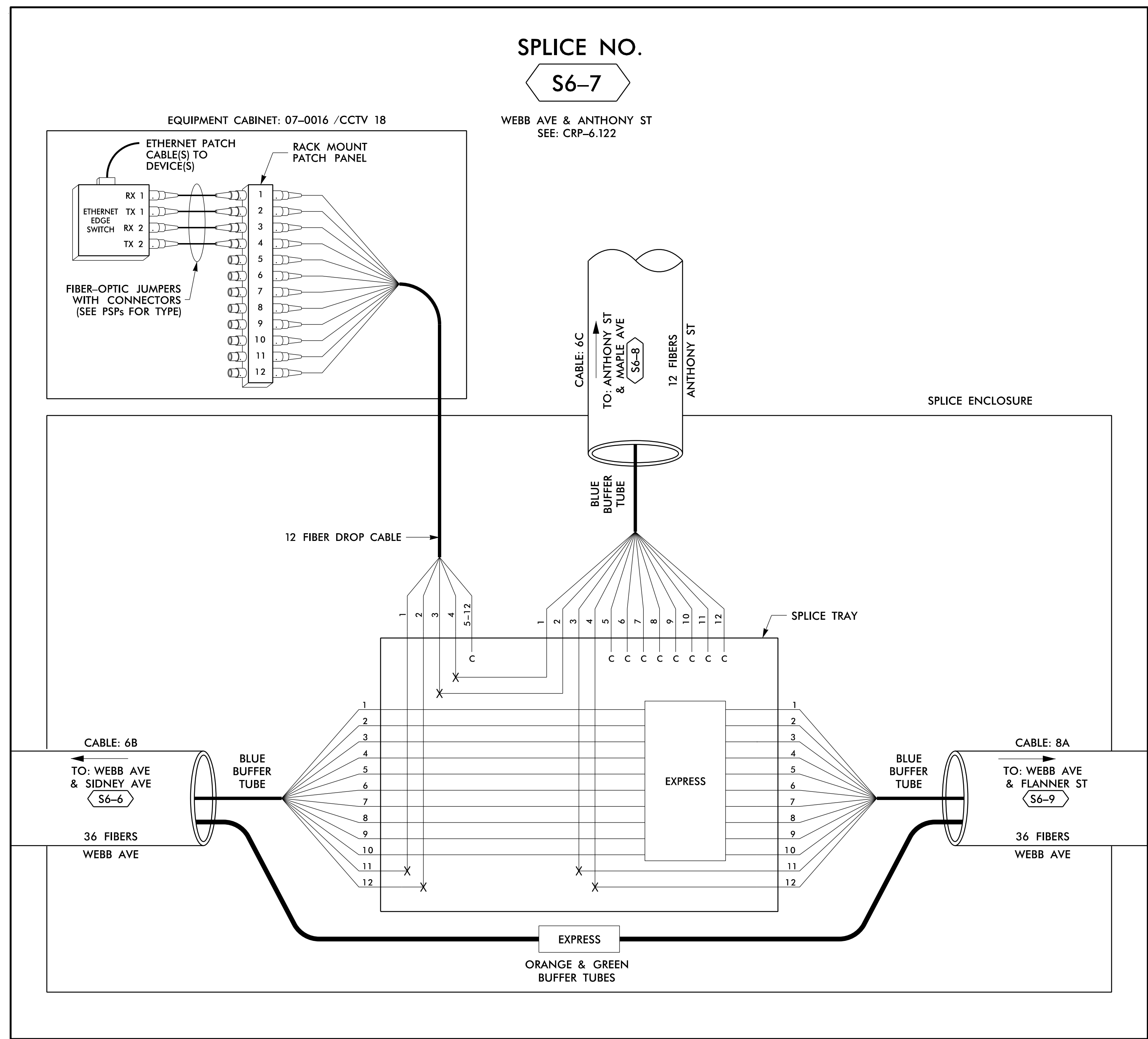
NOTES

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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
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Prepared for the Offices of:  750 Greenfield Parkway, Garner, NC 27529	Burlington-Graham Signal System Fiber-Optic Splicing Details		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040877 BRADFORD J. SLOCUM 15/2018 DATE
	Division 7 Alamance County PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Burlington & Graham REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	



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 SLOCS363 AT LUS355433


LEGEND

COLOR CODE TIA/EIA 598-B	X = FUSION SPlice INDIVIDUAL FIBER
(1) BLUE (7) RED	C = CAP AND SEAL
(2) ORANGE (8) BLACK	EXPRESS
(3) GREEN (9) YELLOW	BUFFER SPlice
(4) BROWN (10) VIOLET	EXISTING
(5) SLATE (11) ROSE	EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING
(6) WHITE (12) AQUA	BUFFER SPlice
	EXISTING
	EXPRESS ENTIRE BUFFER TUBE /FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.

- NOTES**
- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
 - UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEs #F-0326

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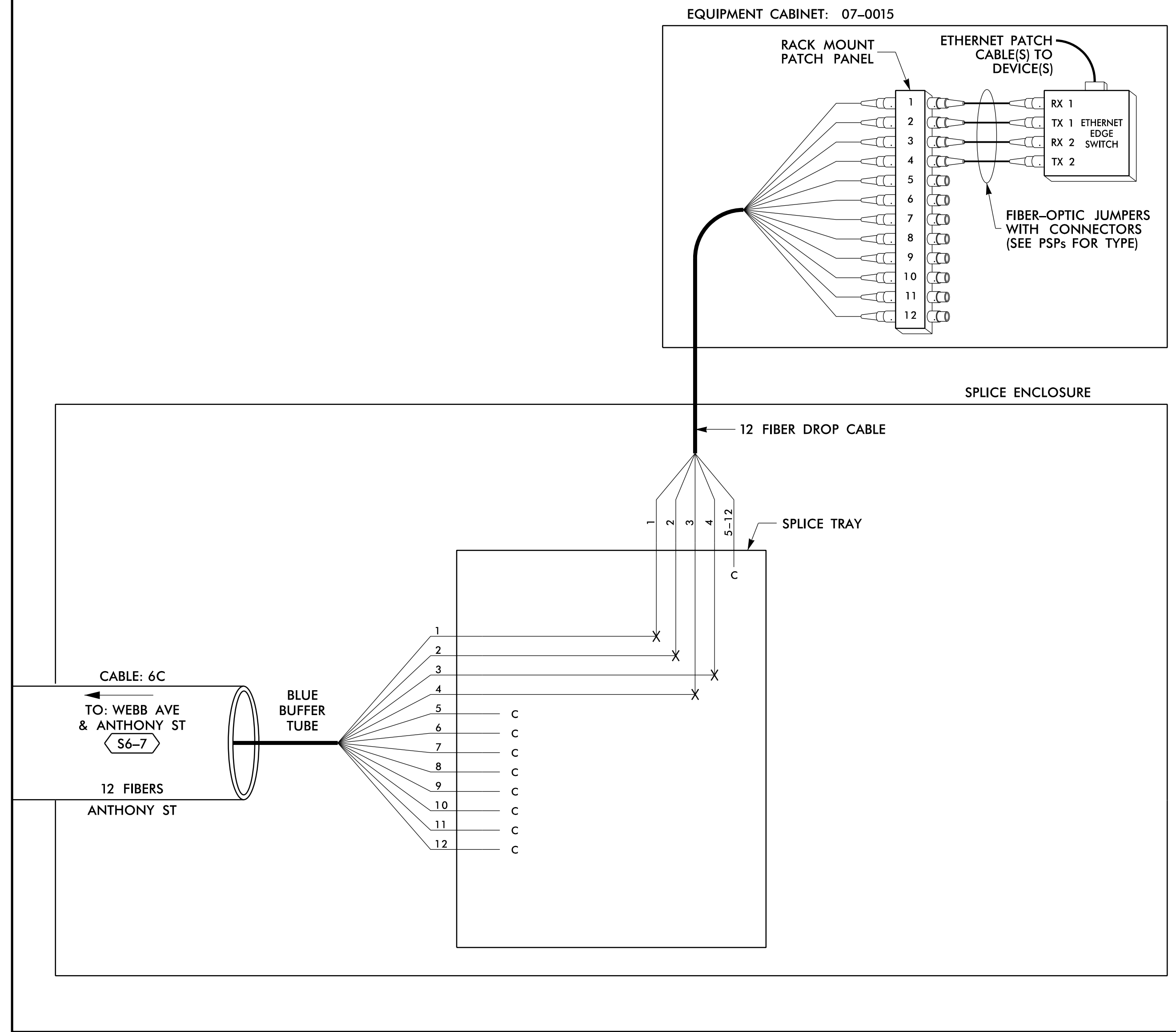
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Burlington-Graham Signal System Fiber-Optic Splicing Details Division 7 Alamance County Burlington & Graham		
PLAN DATE: June 2018	REVIEWED BY: HA BADGETT	
PREPARED BY: BJ SLOCUM	REVIEWED BY: DL JONES	
SCALE: N/A	REVISIONS	INIT. DATE

CADD File name: FS 4.040.dgn

SPLICE NO.

S6-8

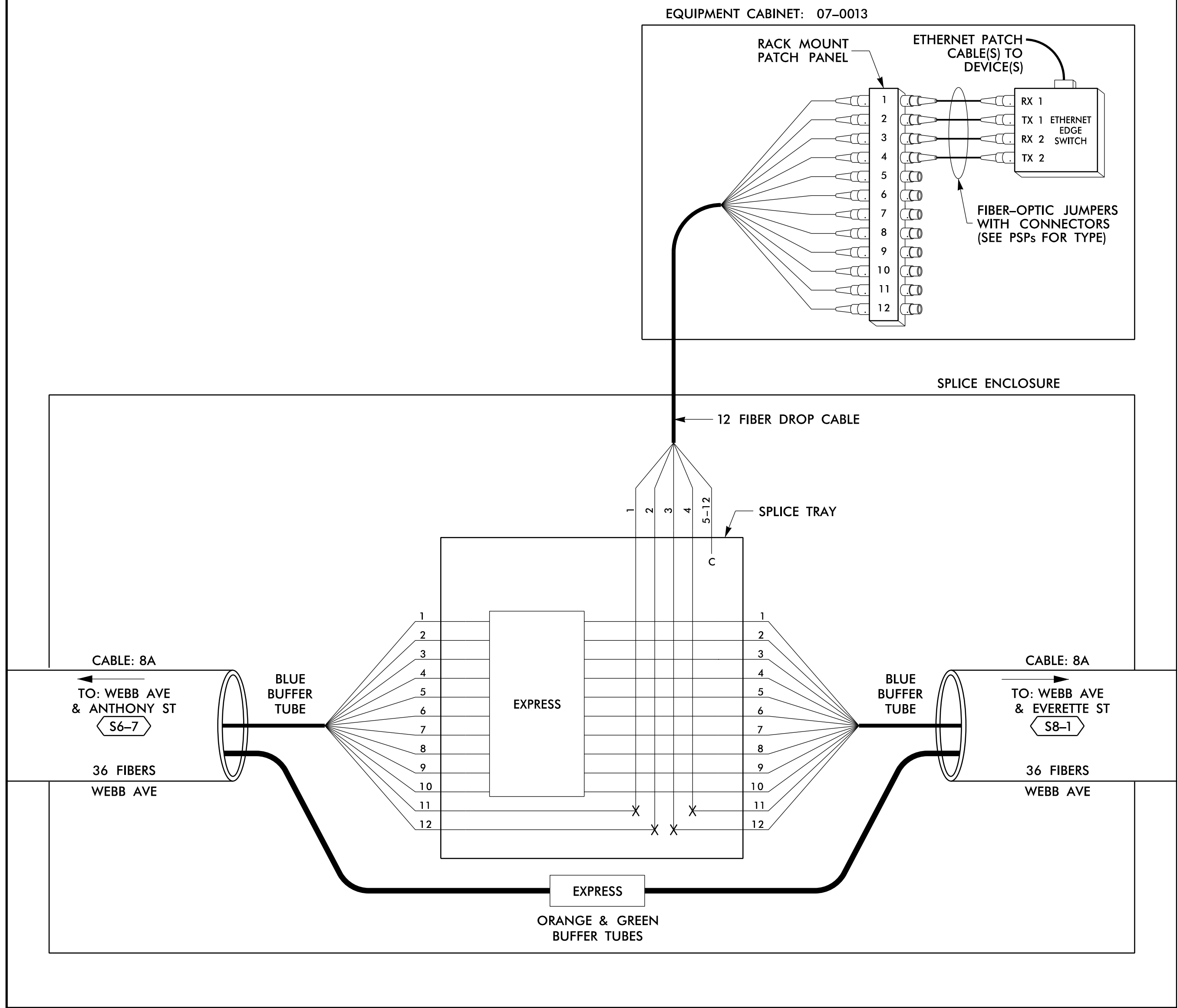
ANTHONY ST & MAPLE AVE
SEE: CRP-6.129



SPLICE NO.

S6-9

WEBB AVE & FLANNER ST
SEE: CRP-6.121



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 SLOD3653 AT LUS355433

LEGEND

COLOR CODE		TIA/EIA 598-B	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

NOTES

1. UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
2. UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
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RALEIGH, NORTH CAROLINA 27609
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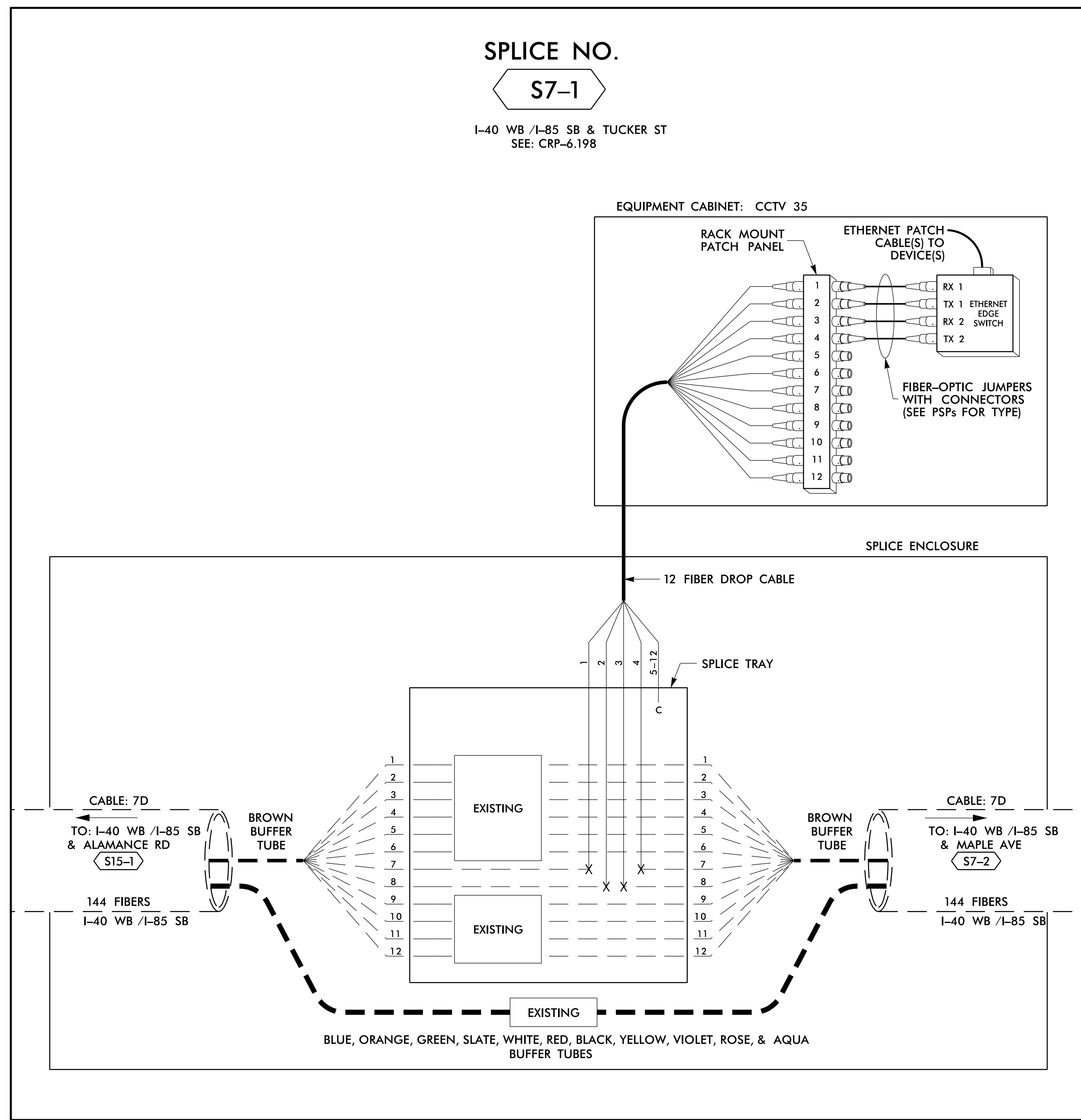
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	<p>Division 7 Alamance County Burlington & Graham</p>			
	<p>PLAN DATE: June 2018</p>	<p>REVIEWED BY: HA BADGETT</p>		
	<p>PREPARED BY: BJ SLOCUM</p>	<p>REVIEWED BY: DL JONES</p>		
<p>SCALE: N/A</p>	<p>REVISIONS</p>	<p>INIT. DATE</p>	<p>DATE</p>	

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Bradford J. Slocum
15/2018
DATE
CADD File name: FS 4.041.dgn

SPLICE NO.

S7-1

I-40 WB /I-85 SB & TUCKER ST
SEE: CRP-6.198



LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE /FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

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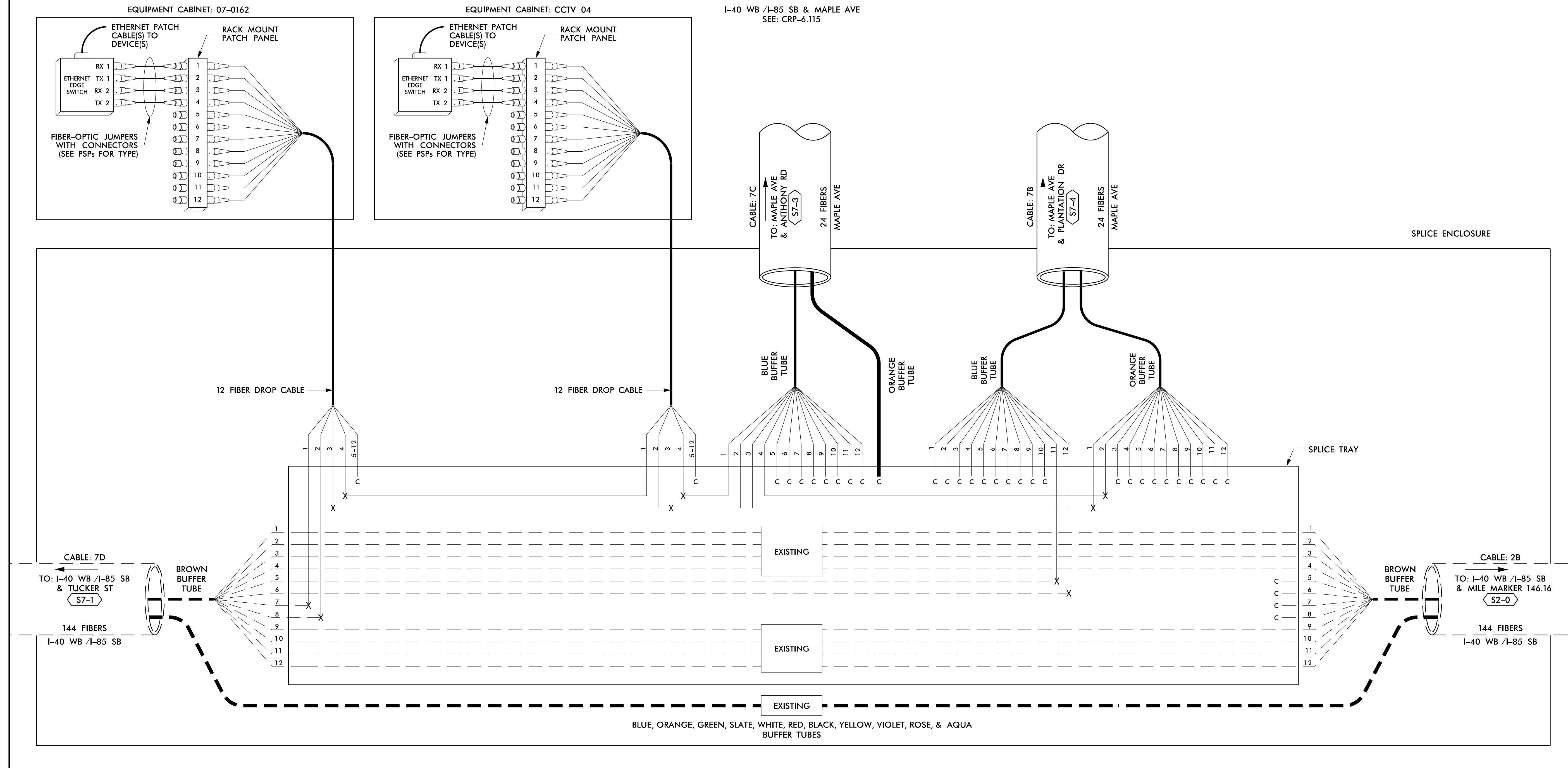
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	Burlington-Graham Signal System Fiber-Optic Splicing Details		
Division 7 Alamance County Burlington & Graham		PLAN DATE: June 2018 REVIEWED BY: HA BADGETT	
PREPARED BY: BJ SLOCUM		REVIEWED BY: DL JONES	
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SPLICE NO.

S7-2

I-40 WB /I-85 SB & MAPLE AVE
SEE: CRP-6.115



LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE /FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
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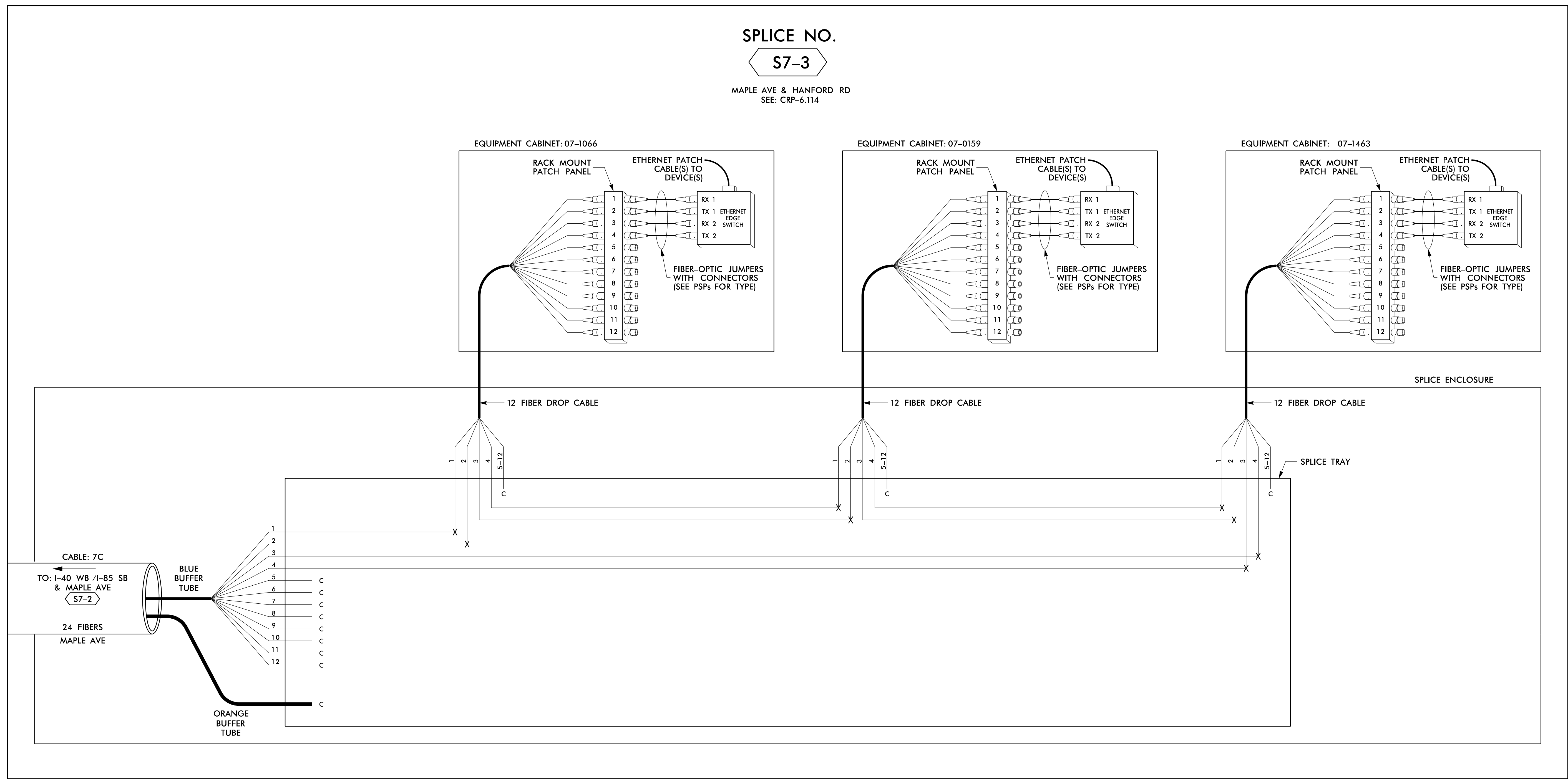
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	<p>Division 7 Alamance County</p>	<p>Burlington & Graham</p>						
	<p>PLAN DATE: June 2018</p>	<p>REVIEWED BY: HA BADGETT</p>						
	<p>PREPARED BY: BJ SLOCUM</p>	<p>REVIEWED BY: DL JONES</p>						
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 SLOCUM AT LUS355433

SPLICE NO.

S7-3

MAPLE AVE & HANFORD RD
SEE: CRP-6.114



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LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPlice	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		
		C =	CAP AND SEAL

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RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEEES #F-0326

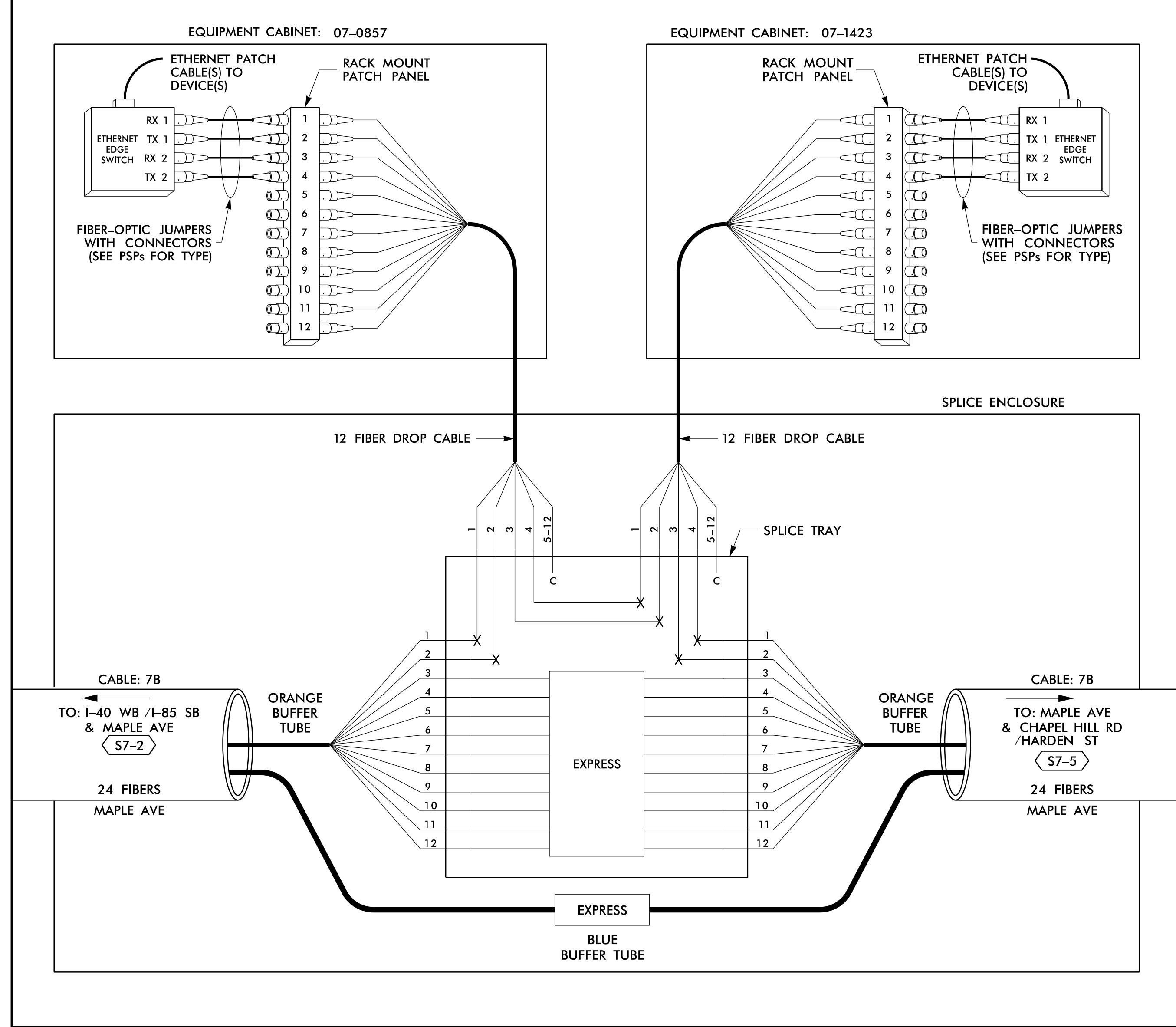
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UNLESS ALL SIGNATURES COMPLETED

	Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 Alamance County PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Burlington & Graham REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	

SPLICE NO.

S7-4

MAPLE AVE & PLANTATION DR
SEE: CRP-6.115



LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE /FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
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(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		


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RALEIGH, NORTH CAROLINA 27609
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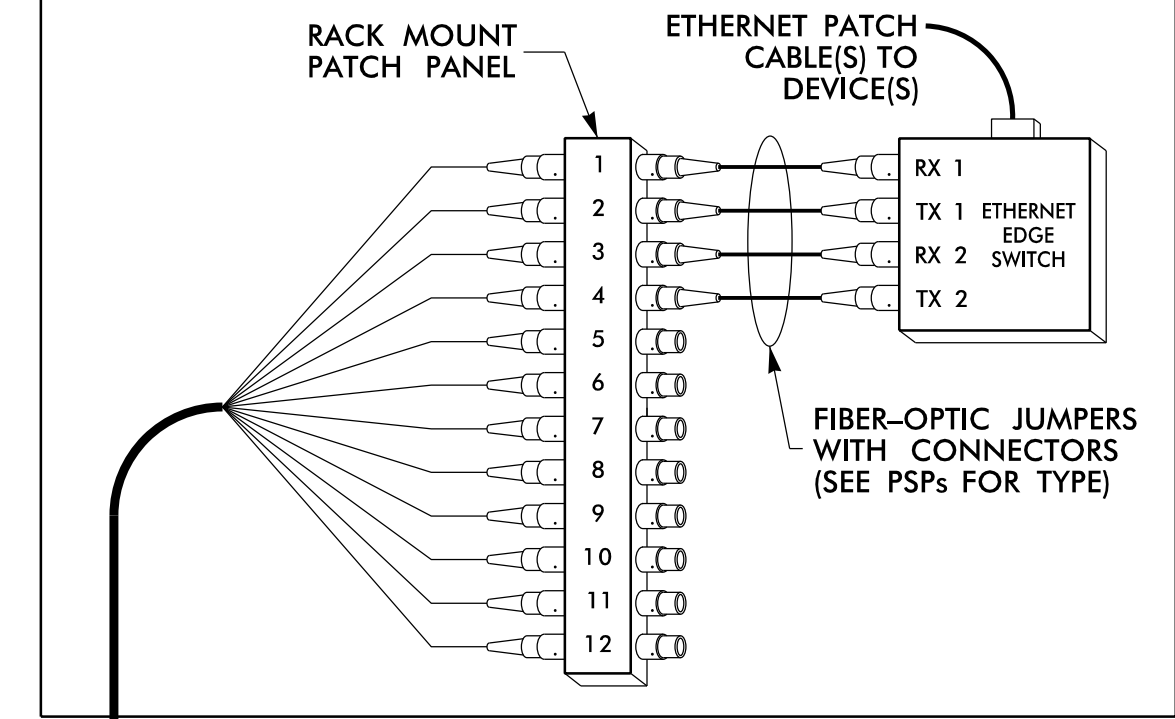
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	Division 7 Alamance County Burlington & Graham	PLAN DATE: June 2018 REVIEWED BY: HA BADGETT PREPARED BY: BJ SLOCUM REVIEWED BY: DL JONES	
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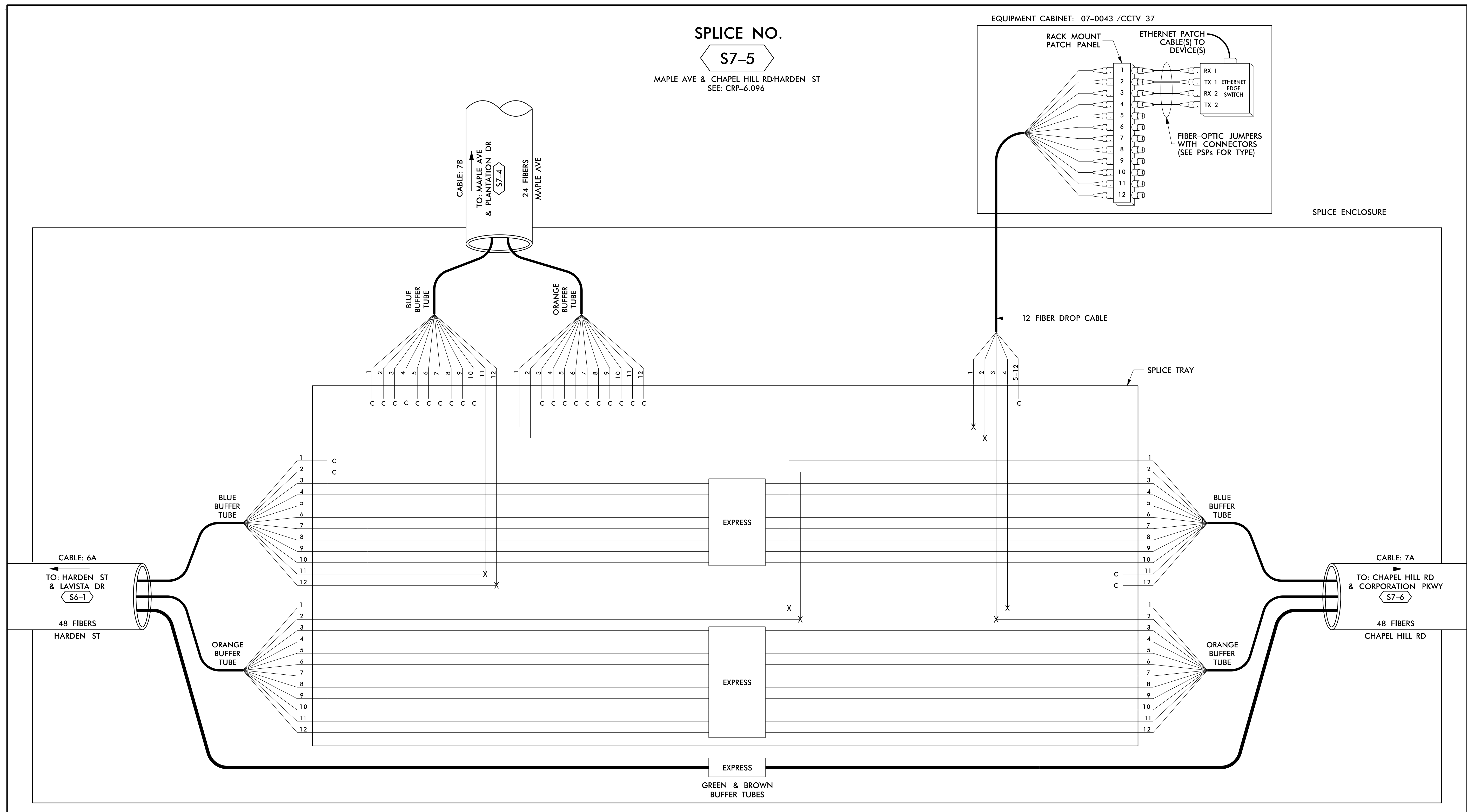
S7-5

MAPLE AVE & CHAPEL HILL RD/HARDEN ST
SEE: CRP-6.096

EQUIPMENT CABINET: 07-0043 /CCTV 37



SPLICE ENCLOSURE



14 JUN 2018 12:20
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LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPlice	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE /FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.
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ATKINS

1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
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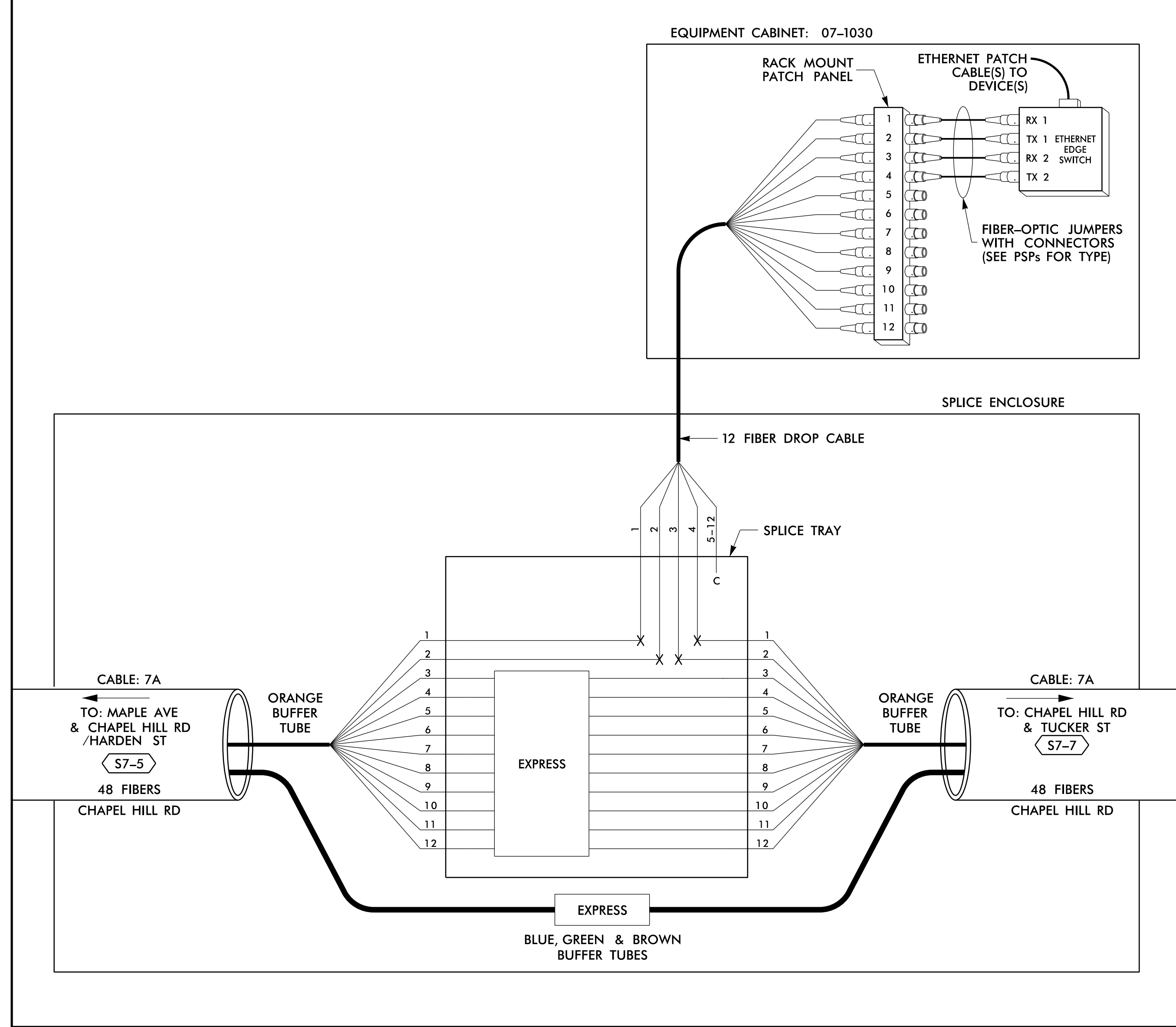
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	Burlington-Graham Signal System Fiber-Optic Splicing Details	
	Division 7 PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Alamance County REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES
Burlington & Graham SCALE: N/A	REVISIONS INIT. DATE	SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040877 BRADFORD J. SLOCUM 15/2018 DATE CADW File name: FS 4.046.dgn

SPLICE NO.

S7-6

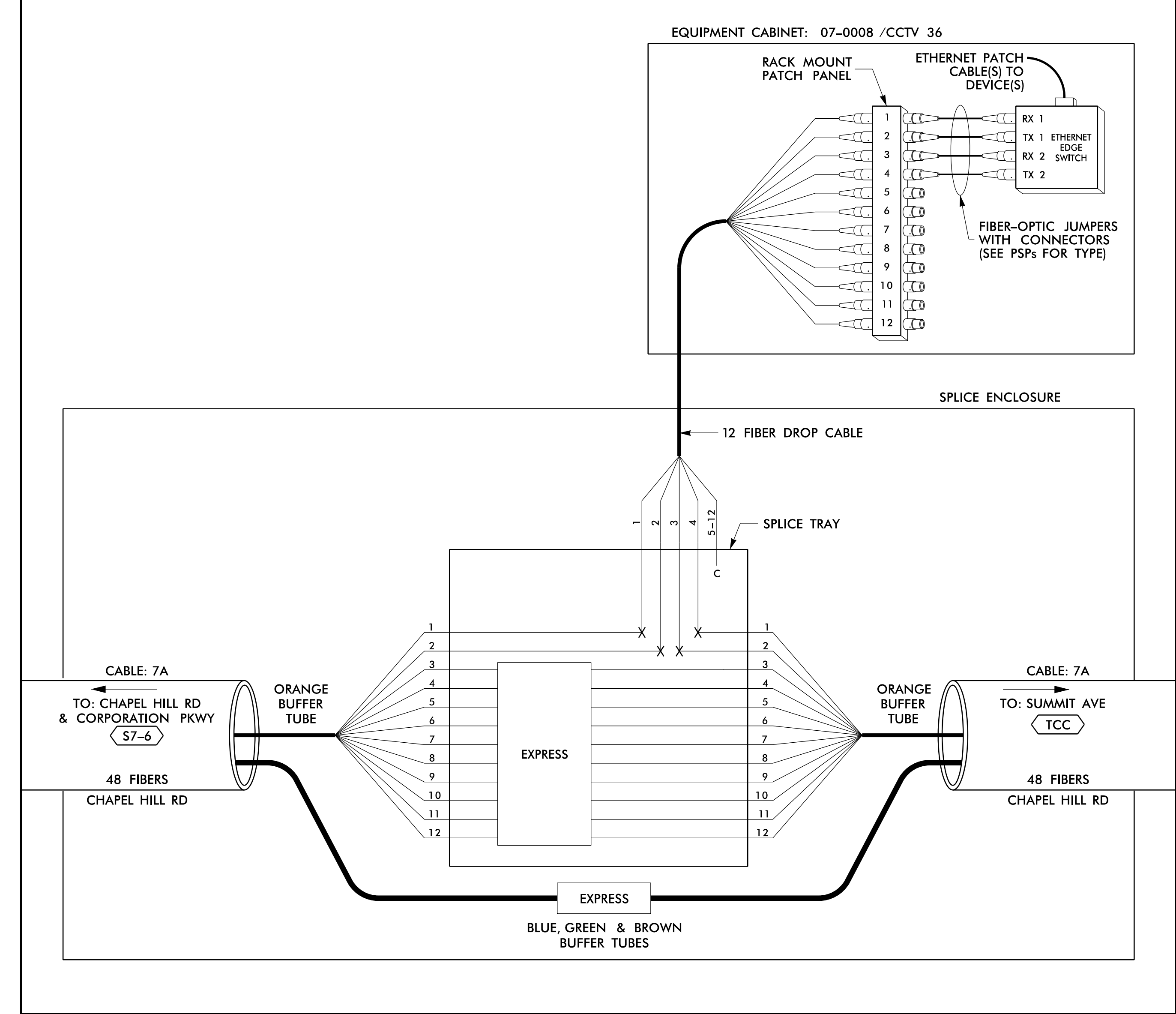
CHAPEL HILL RD & CORPORATION PKWY
SEE: CRP-6.095



SPLICE NO.

S7-7

CHAPEL HILL RD & TUCKER ST
SEE: CRP-6.092



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LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(1) BLUE	(7) RED	C = CAP AND SEAL	BUFFER SPlice	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(2) ORANGE	(8) BLACK		EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.
(3) GREEN	(9) YELLOW			
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(5) SLATE	(11) ROSE			
(6) WHITE	(12) AQUA			

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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
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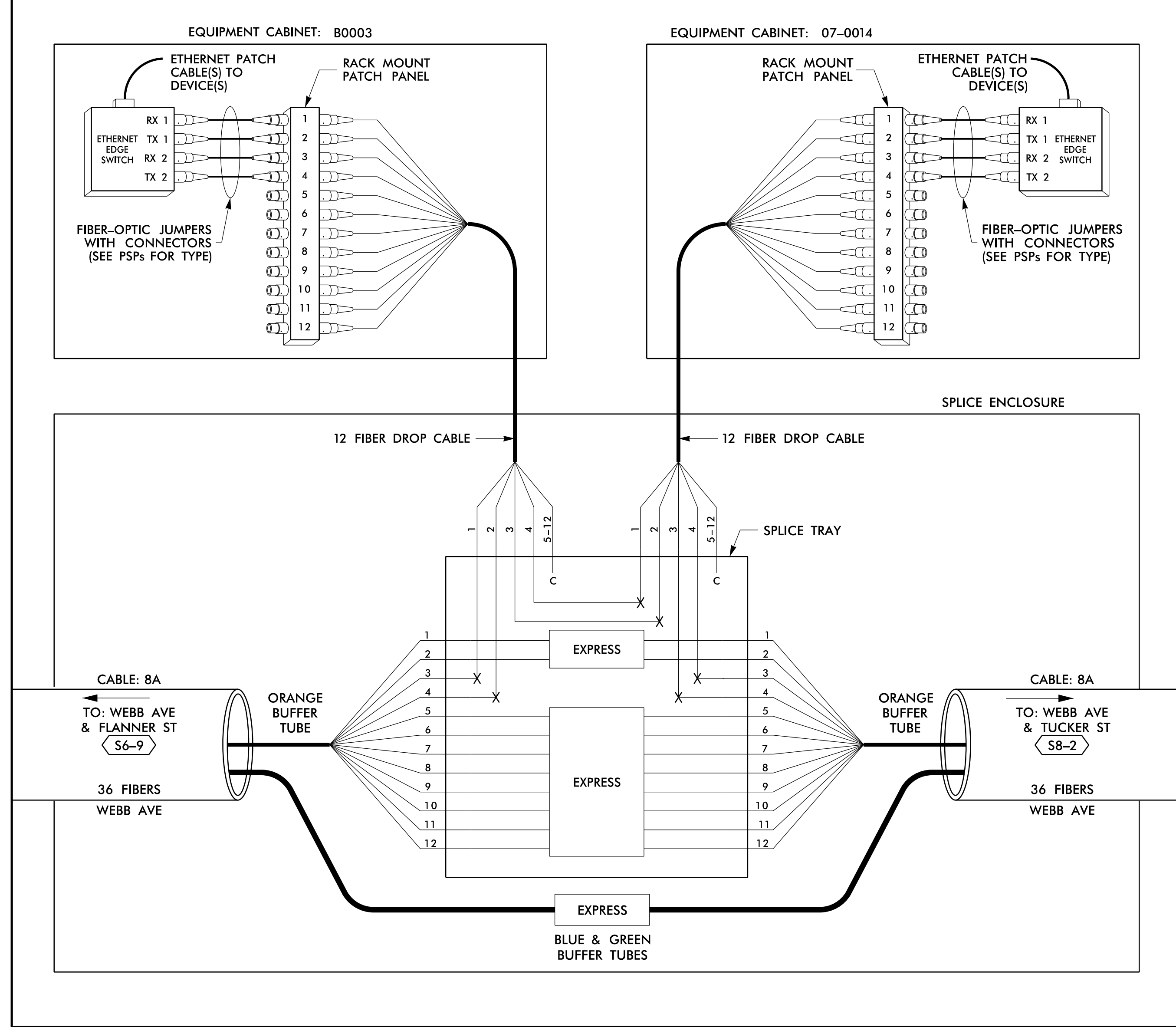
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	<p>Division 7 Alamance County Burlington & Graham</p>			
	<p>PLAN DATE: June 2018</p>	<p>REVIEWED BY: HA BADGETT</p>		
	<p>PREPARED BY: BJ SLOCUM</p>	<p>REVIEWED BY: DL JONES</p>		
<p>SCALE: N/A</p>	<p>REVISIONS</p>	<p>INIT. DATE</p>	<p>DATE</p>	

DATE: 6/15/2018
CADD File name: FS_4.047.dgn

SPLICE NO.

S8-1

WEBB AVE & EVERETTE ST
SEE: CRP-6.121



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LEGEND

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

EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
 SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
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NOTES

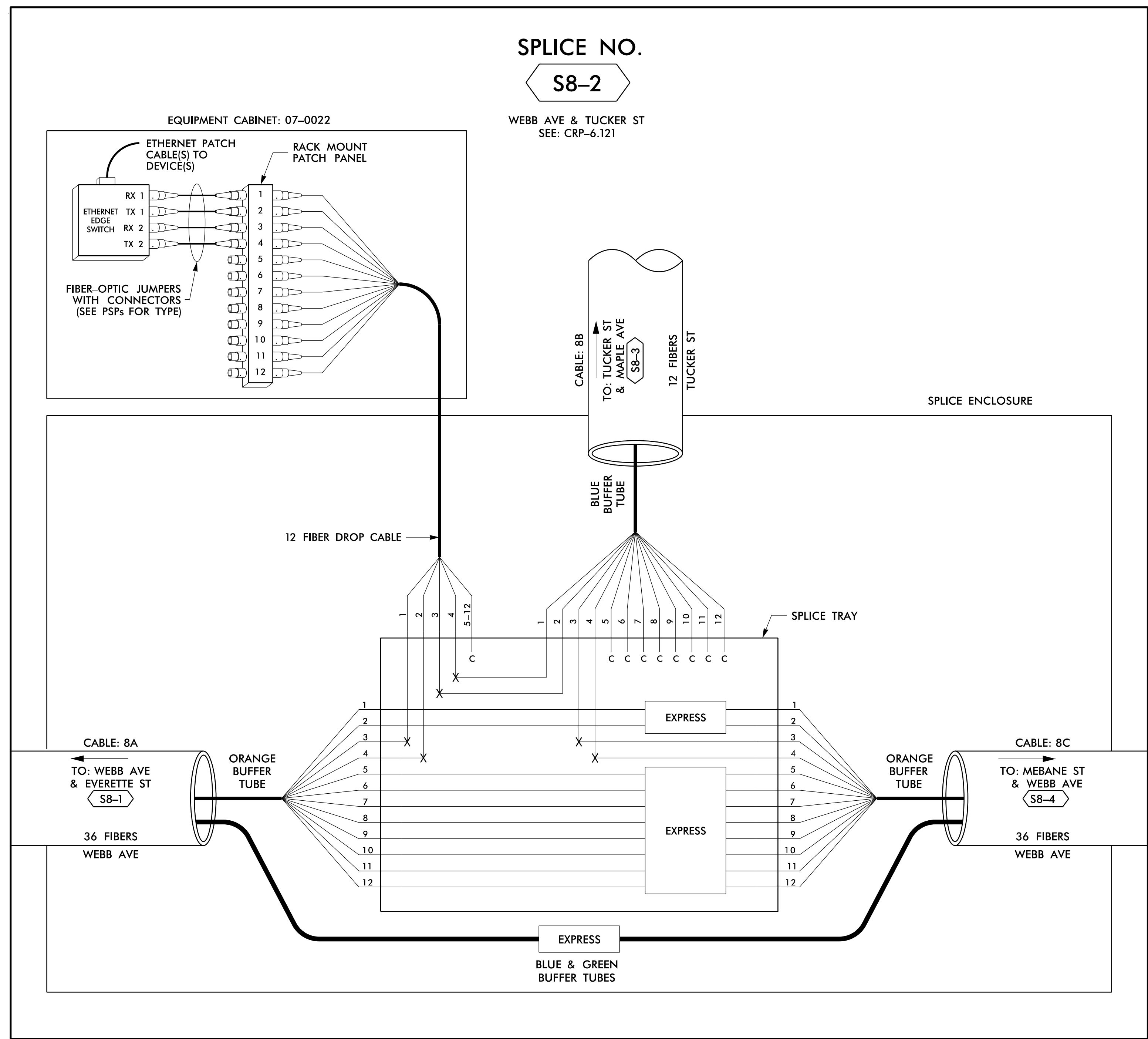
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 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEES #F-0326

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	Prepared for the Offices of: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION Division 7		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040877 BRADFORD J. SLOCUM ENGINEER 15/2018 DATE
	Burlington-Graham Signal System Fiber-Optic Splicing Details		
Alameda County Burlington & Graham		PLAN DATE: June 2018 REVIEWED BY: HA BADGETT	
PREPARED BY: BJ SLOCUM		REVIEWED BY: DL JONES	
SCALE: N/A		REVISIONS: _____ INIT. DATE _____	

750 Greenfield Parkway, Garner, NC 27529
 CADD File name: FS 4.048.dgn



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LEGEND

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
EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.

- NOTES**
- UNUSED FIBERS LEFT COILED AND STORED IN SPlice TRAY
 - UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPlice ENCLOSURE
 - EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

ATKINS

1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEE# F-0326

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**Burlington-Graham Signal System
 Fiber-Optic Splicing Details**

Division 7 Alamance County Burlington & Graham

PLAN DATE: June 2018 REVIEWED BY: HA BADGETT

PREPARED BY: BJ SLOCUM REVIEWED BY: DL JONES

REVISIONS	INIT.	DATE

SCALE: N/A

SEAL

NORTH CAROLINA PROFESSIONAL ENGINEER

SEAL 040877

BRADFORD J. SLOCUM

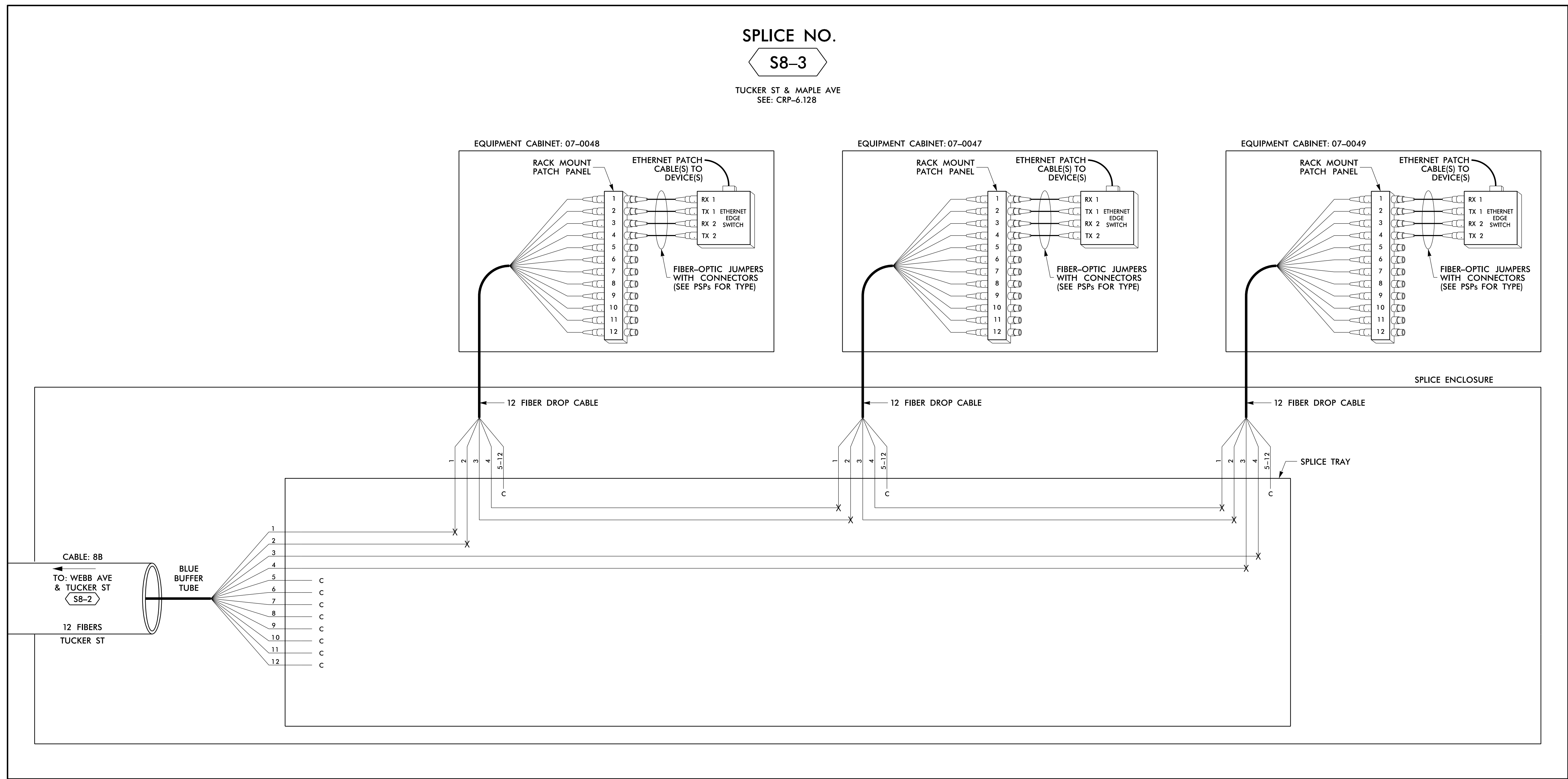
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SPLICE NO.

S8-3

TUCKER ST & MAPLE AVE
SEE: CRP-6.128



LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

NOTES

1. UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
2. UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
3. EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEEES #F-0326

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UNLESS ALL SIGNATURES COMPLETED**

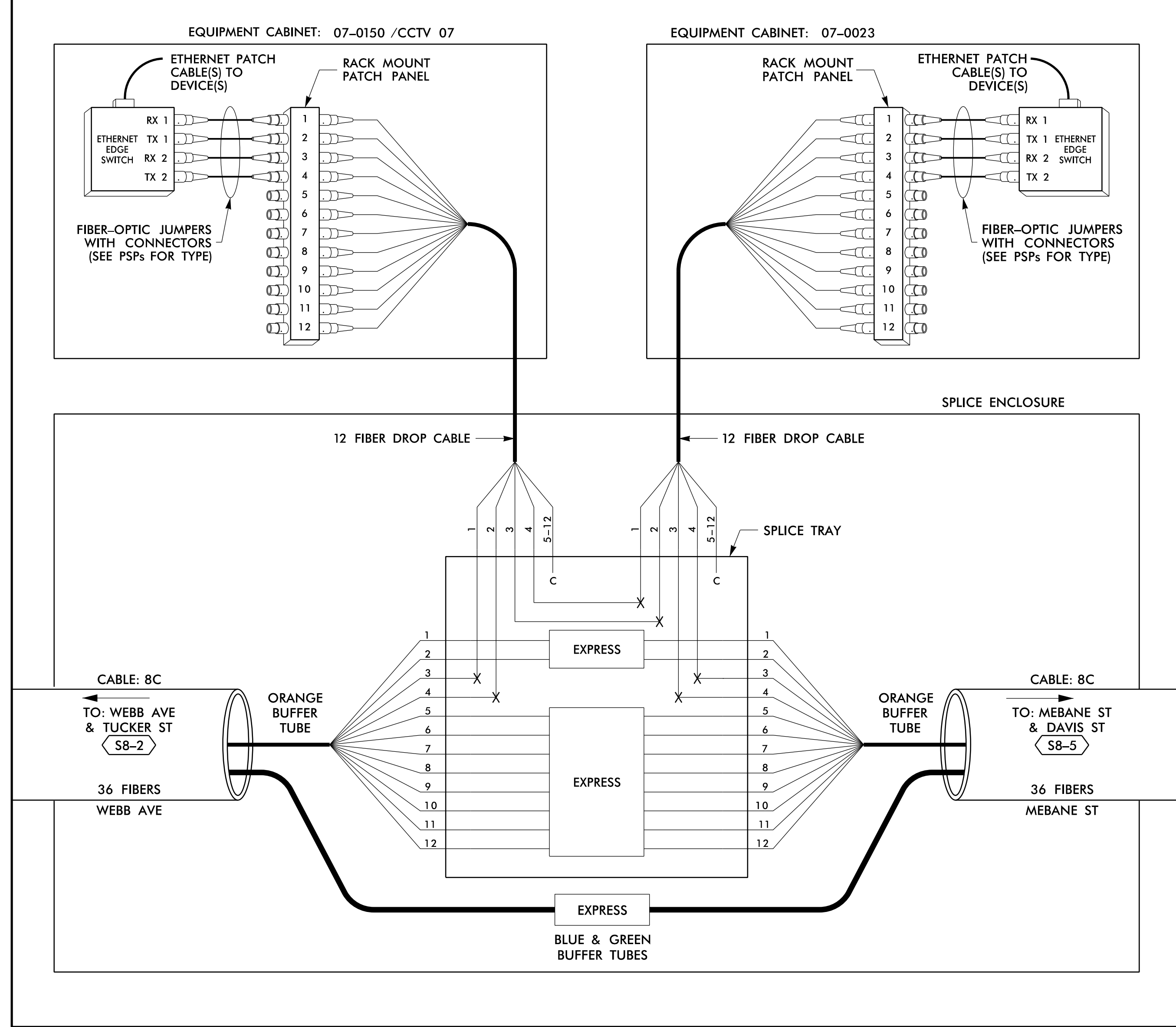
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	Division 7 Alamance County PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Burlington & Graham REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	

14 JUN 2018 12:20
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SPLICE NO.

S8-4

MEBANE ST & WEBB AVE
SEE: CRP-6.120



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COLOR CODE	TIA/EIA	598-B			
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING		
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR		
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.		
(4) BROWN	(10) VIOLET				
(5) SLATE	(11) ROSE				
(6) WHITE	(12) AQUA				

NOTES

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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEEES #F-0326

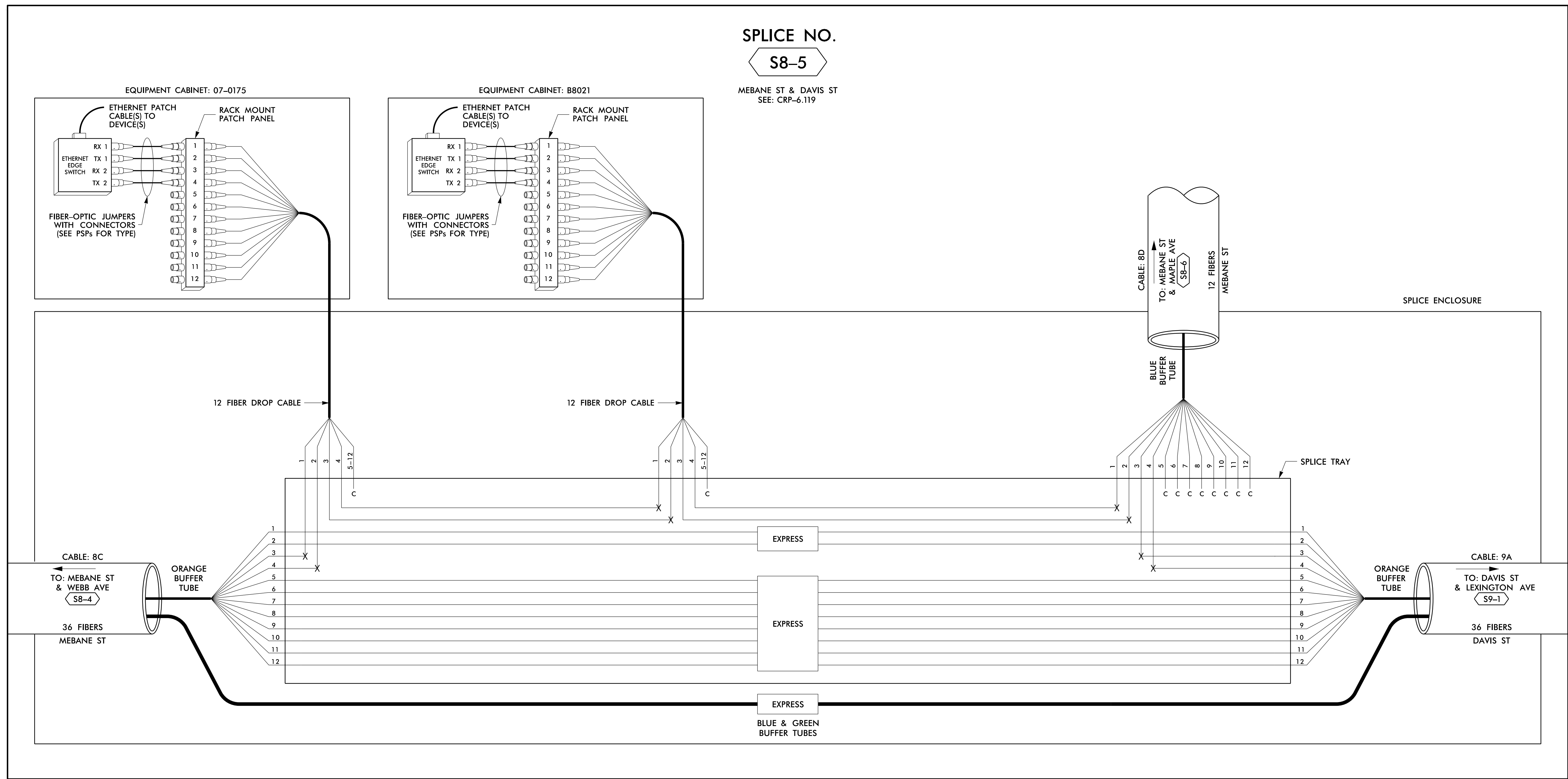
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 Alamance County	Burlington & Graham	
PLAN DATE: June 2018	REVIEWED BY: HA BADGETT	PREPARED BY: BJ SLOCUM	
SCALE: N/A	REVISIONS	INIT.	DATE
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 SLOCUM363 AT LUS355433

SPLICE NO.
S8-5

MEBANE ST & DAVIS ST
SEE: CRP-6.119



LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

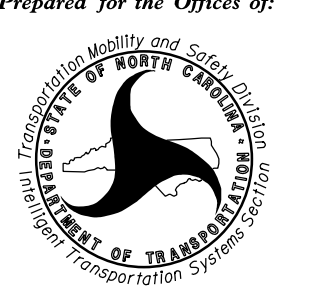
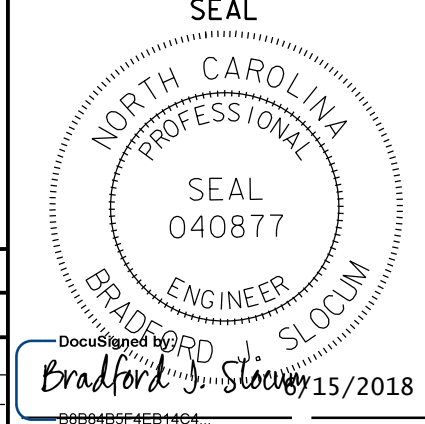
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ATKINS
1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBES #F-0326

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UNLESS ALL SIGNATURES COMPLETED**

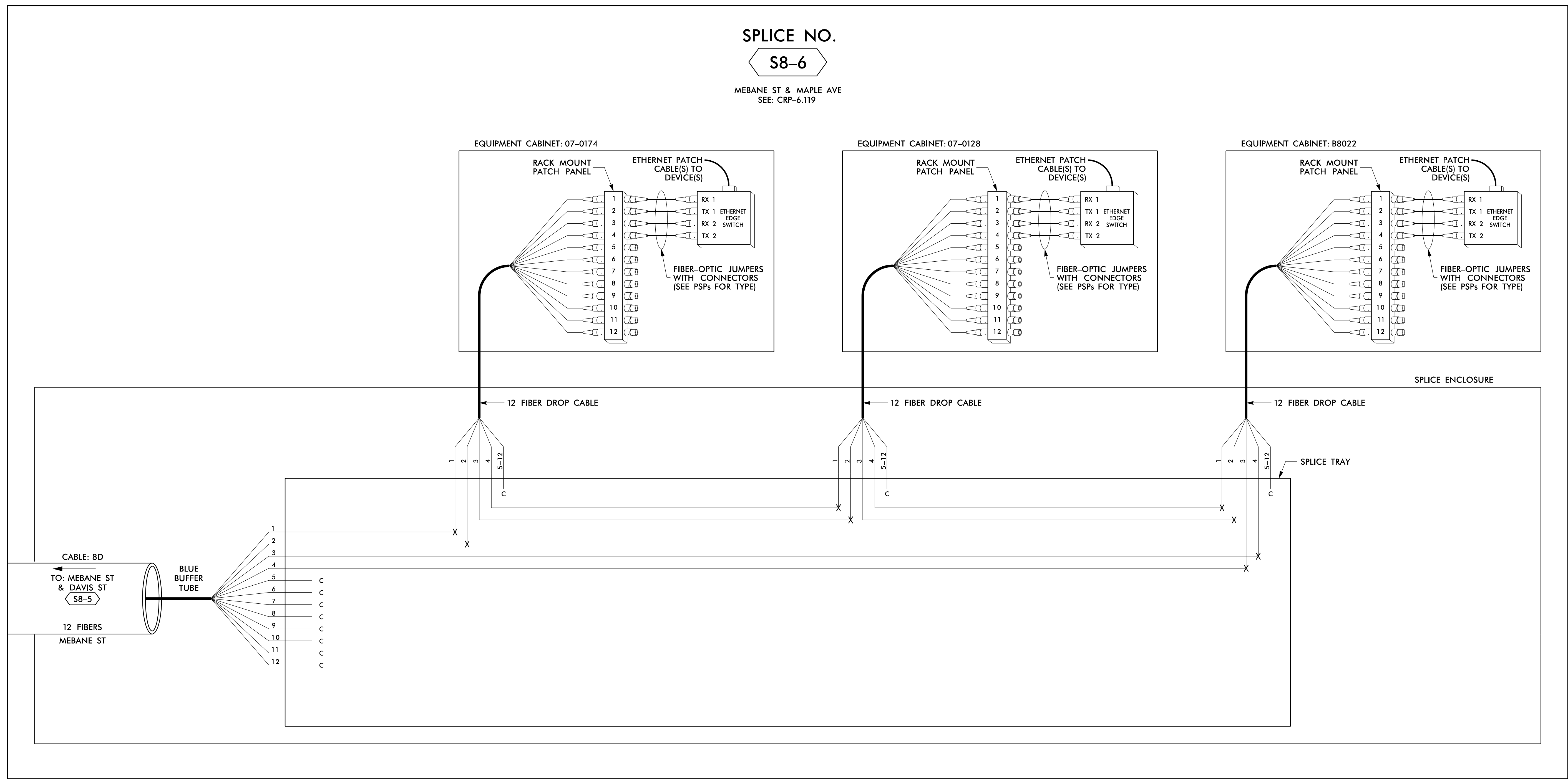
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<p>Division 7 Alamance County Burlington & Graham</p>		<p>PLAN DATE: June 2018 REVIEWED BY: HA BADGETT</p>		<p>PREPARED BY: BJ SLOCUM REVIEWED BY: DL JONES</p>	
<p>750 Greenfield Parkway, Garner, NC 27529</p>		<p>SCALE: N/A</p>		<p>DATE: 15/2018</p>	

CAD File Name: FS_4.052.dgn

SPLICE NO.

S8-6

MEBANE ST & MAPLE AVE
SEE: CRP-6.119



LEGEND

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COLOR CODE	TIA/EIA	598-B			
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING		
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR		
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.		
(4) BROWN	(10) VIOLET				
(5) SLATE	(11) ROSE				
(6) WHITE	(12) AQUA				

NOTES

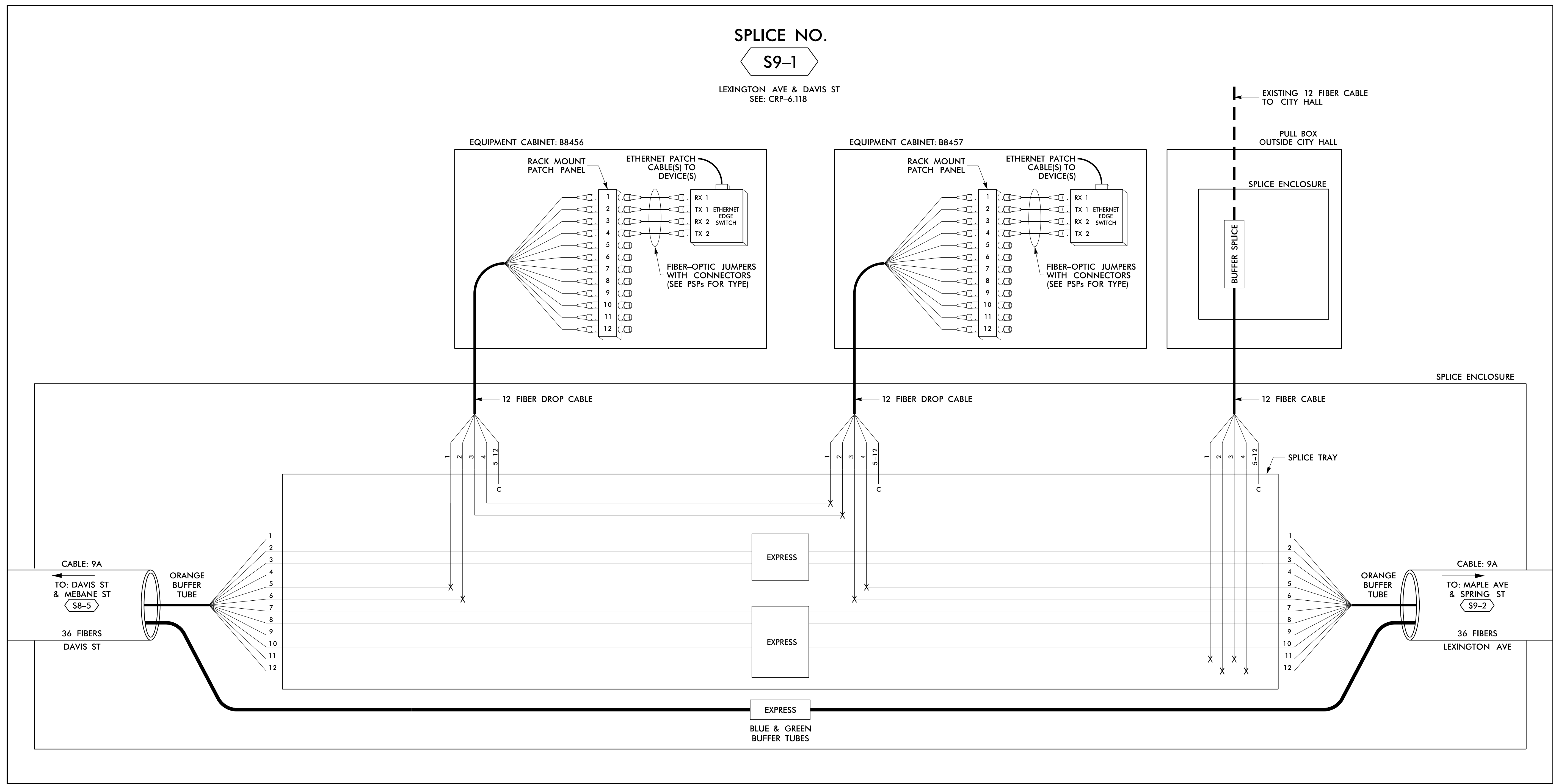
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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEEES #F-0326

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

<p>Prepared for the Offices of: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION 750 Greenfield Parkway, Garner, NC 27529</p>	Burlington-Graham Signal System Fiber-Optic Splicing Details			
	Division 7	Alamance County		Burlington & Graham
	PLAN DATE: June 2018	REVIEWED BY: HA BADGETT		
	PREPARED BY: BJ SLOCUM	REVIEWED BY: DL JONES		
SCALE: N/A	REVISIONS	INIT.	DATE	

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LEGEND

COLOR CODE TIA/EIA 598-B	X = FUSION SPLICE INDIVIDUAL FIBER
(1) BLUE (7) RED	C = CAP AND SEAL
(2) ORANGE (8) BLACK	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(3) GREEN (9) YELLOW	BUFFER SPLICE SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(4) BROWN (10) VIOLET	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(5) SLATE (11) ROSE	
(6) WHITE (12) AQUA	

- NOTES**
- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEES #F-0326

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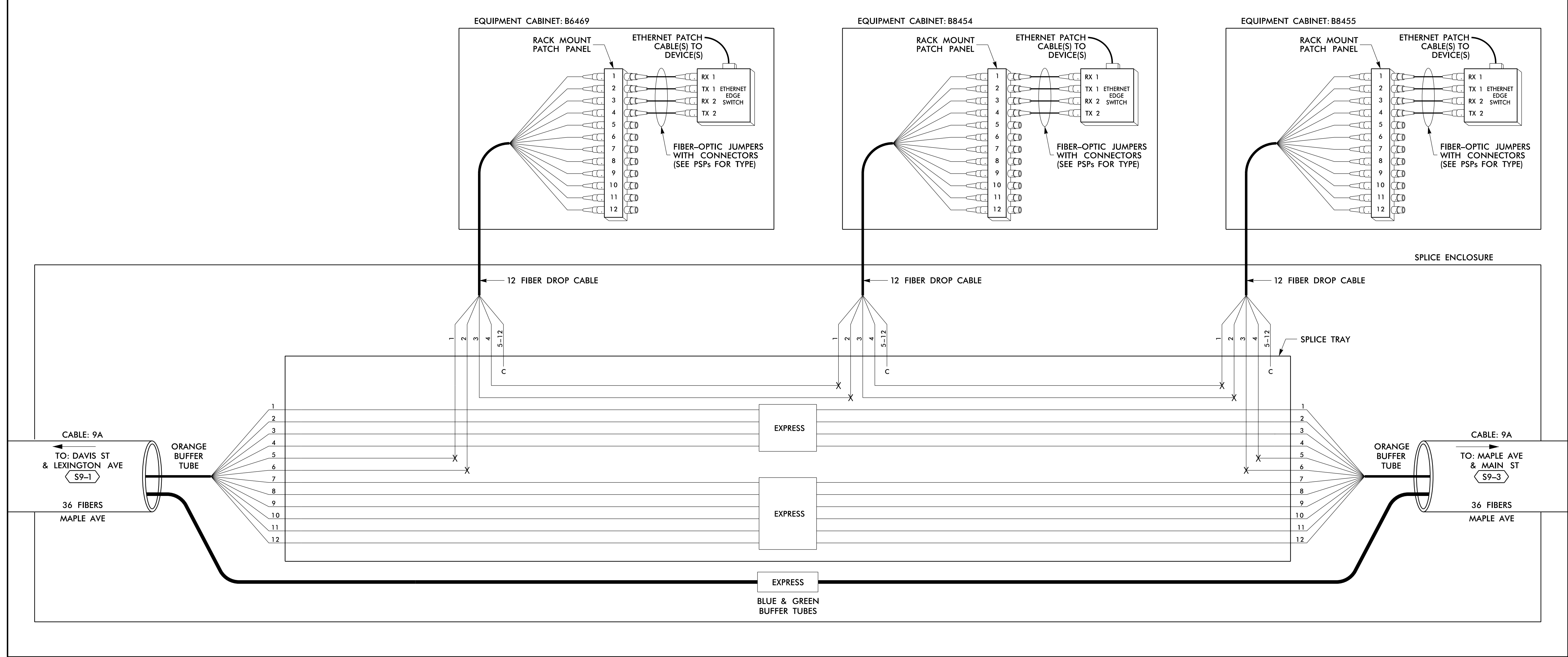
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PLAN DATE: June 2018	REVIEWED BY: HA BADGETT	PREPARED BY: BJ SLOCUM	REVIEWED BY: DL JONES	
SCALE: N/A	REVISIONS	INIT.	DATE	

750 Greenfield Parkway, Garner, NC 27529

CADD File name: FS 4.054.dgn

SPLICE NO.
S9-2

MAPLE AVE & SPRING ST
SEE: CRP-6.117



LEGEND

COLOR CODE TIA/EIA 598-B	X = FUSION SPLICE INDIVIDUAL FIBER	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(1) BLUE (7) RED	C = CAP AND SEAL	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
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ATKINS

1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEEES #F-0326

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UNLESS ALL SIGNATURES COMPLETED**

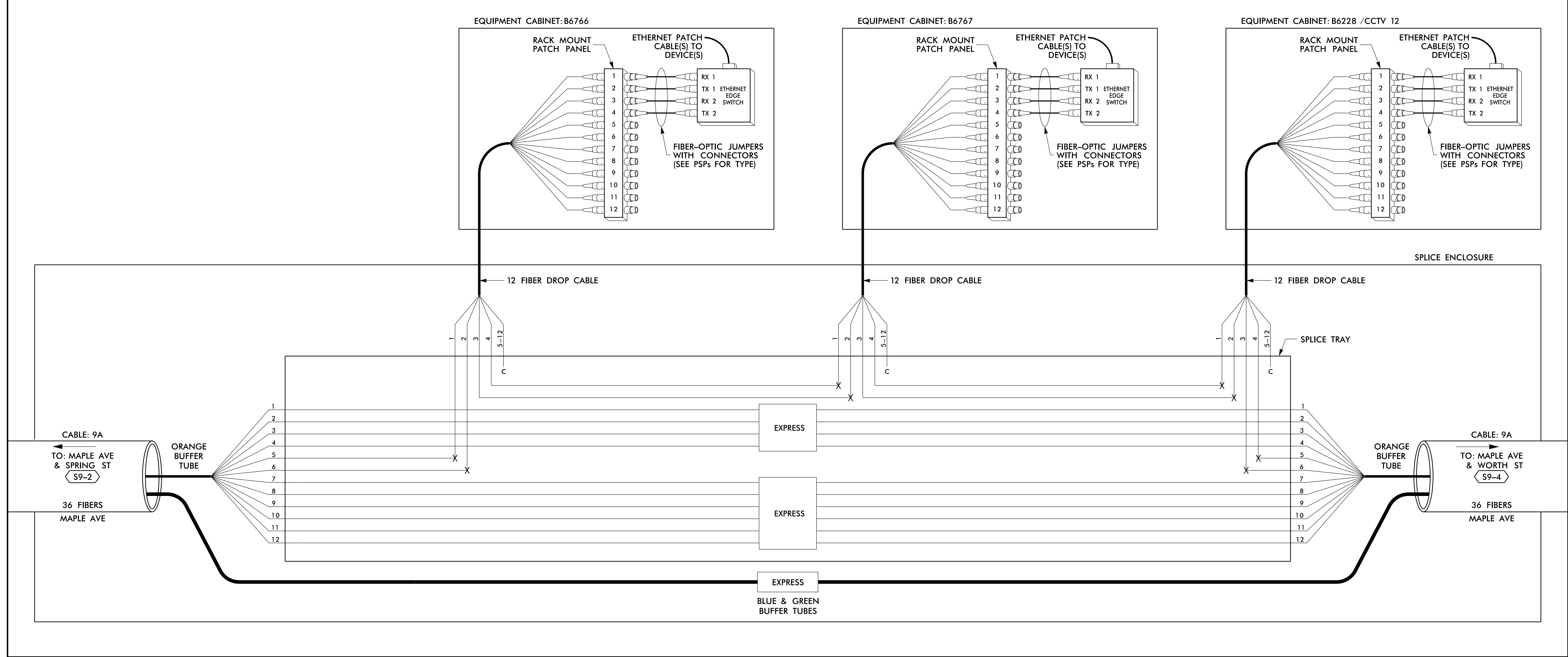
SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
BRADFORD J. SLOCUM
040877

Prepared for the Offices of:		Burlington-Graham Signal System Fiber-Optic Splicing Details	
Division 7 Alamance County		Burlington & Graham	
PLAN DATE: June 2018	REVIEWED BY: HA BADGETT		
PREPARED BY: BJ SLOCUM	REVIEWED BY: DL JONES		
SCALE: N/A			
750 Greenfield Parkway, Garner, NC 27529			
REVISIONS		INIT.	DATE

CADW File name: FS 4.055.dgn
 15/2018

SPLICE NO.
S9-3

MAPLE AVE & MAIN ST
SEE: CRP-6.116



LEGEND

COLOR CODE TIA/EIA 598-B	X = FUSION SPLICE INDIVIDUAL FIBER	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(1) BLUE	(7) RED	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(2) ORANGE	(8) BLACK	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(3) GREEN	(9) YELLOW		
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

- NOTES**
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ATKINS

1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBES #F-0326

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Prepared for the Offices of:

 Burlington-Graham Signal System
 Fiber-Optic Splicing Details

Division 7 Alamance County Burlington & Graham

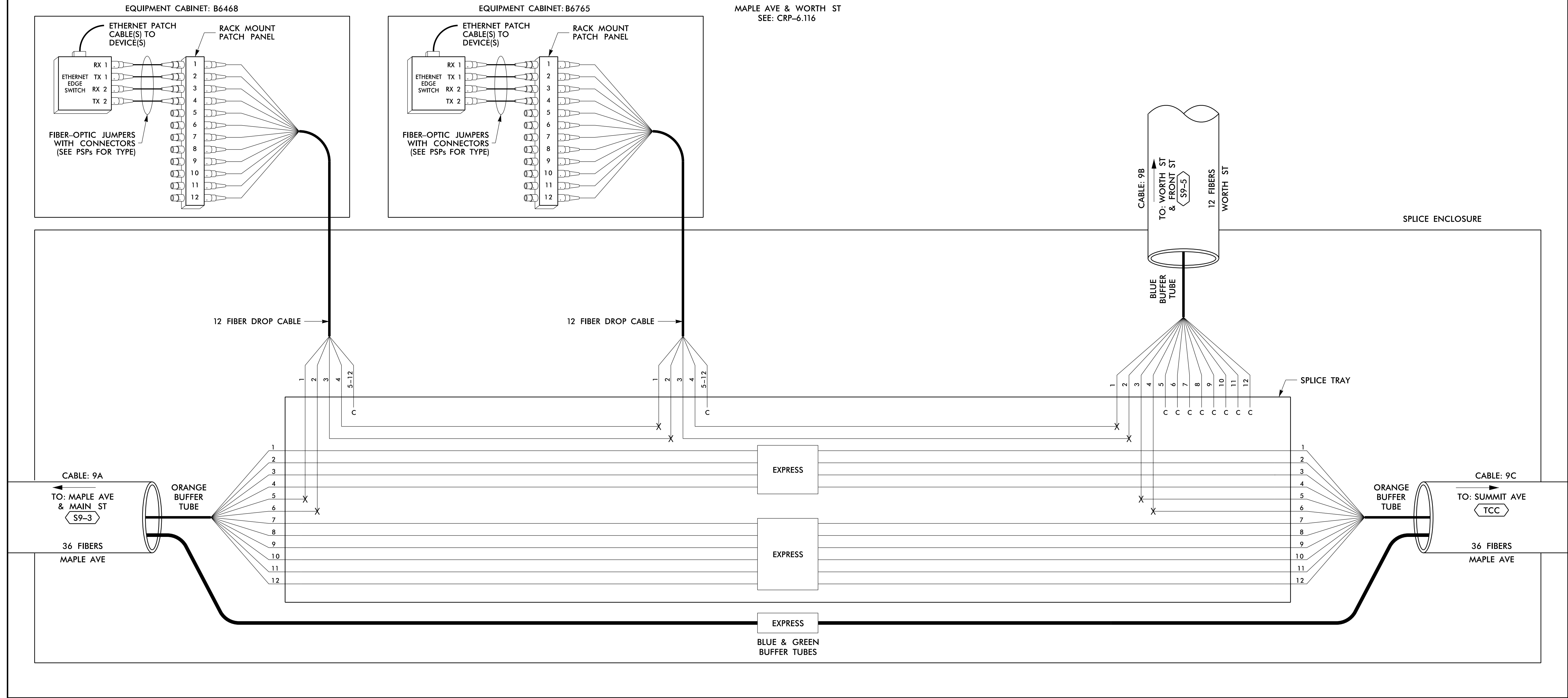
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PREPARED BY: BJ SLOCUM	REVIEWED BY: DL JONES

REVISIONS	INIT.	DATE

750 Greenfield Parkway, Garner, NC 27529
 SCALE: N/A
 CADD File name: FS 4.056.dgn

SPLICE NO.
S9-4

MAPLE AVE & WORTH ST
 SEE: CRP-6.116



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LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER C = CAP AND SEAL
(1) BLUE	(7) RED	EXPRESS
(2) ORANGE	(8) BLACK	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(3) GREEN	(9) YELLOW	BUFFER SPLICE
(4) BROWN	(10) VIOLET	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(5) SLATE	(11) ROSE	EXISTING
(6) WHITE	(12) AQUA	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.

NOTES

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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEES #F-0326

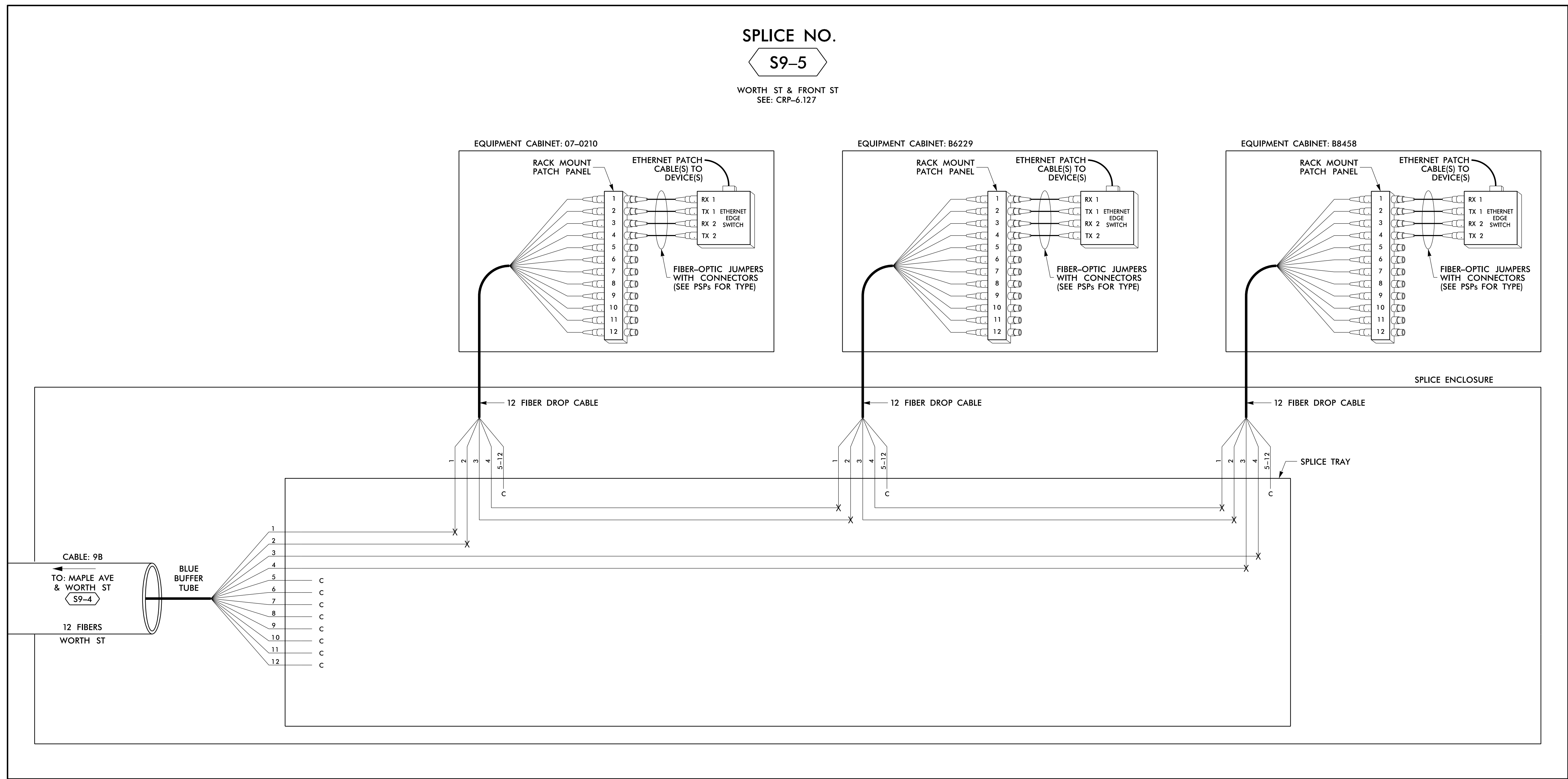
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Prepared for the Offices of: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040877 BRADFORD J. SLOCUM ENGINEER 15/2018 DATE
Burlington-Graham Signal System Fiber-Optic Splicing Details Division 7 Alamance County Burlington & Graham		
PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	REVISIONS INIT. DATE
SCALE: N/A		CAD FILE NAME: FS_4.057.dgn

SPLICE NO.

S9-5

WORTH ST & FRONT ST
SEE: CRP-6.127



LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPlice	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
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(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

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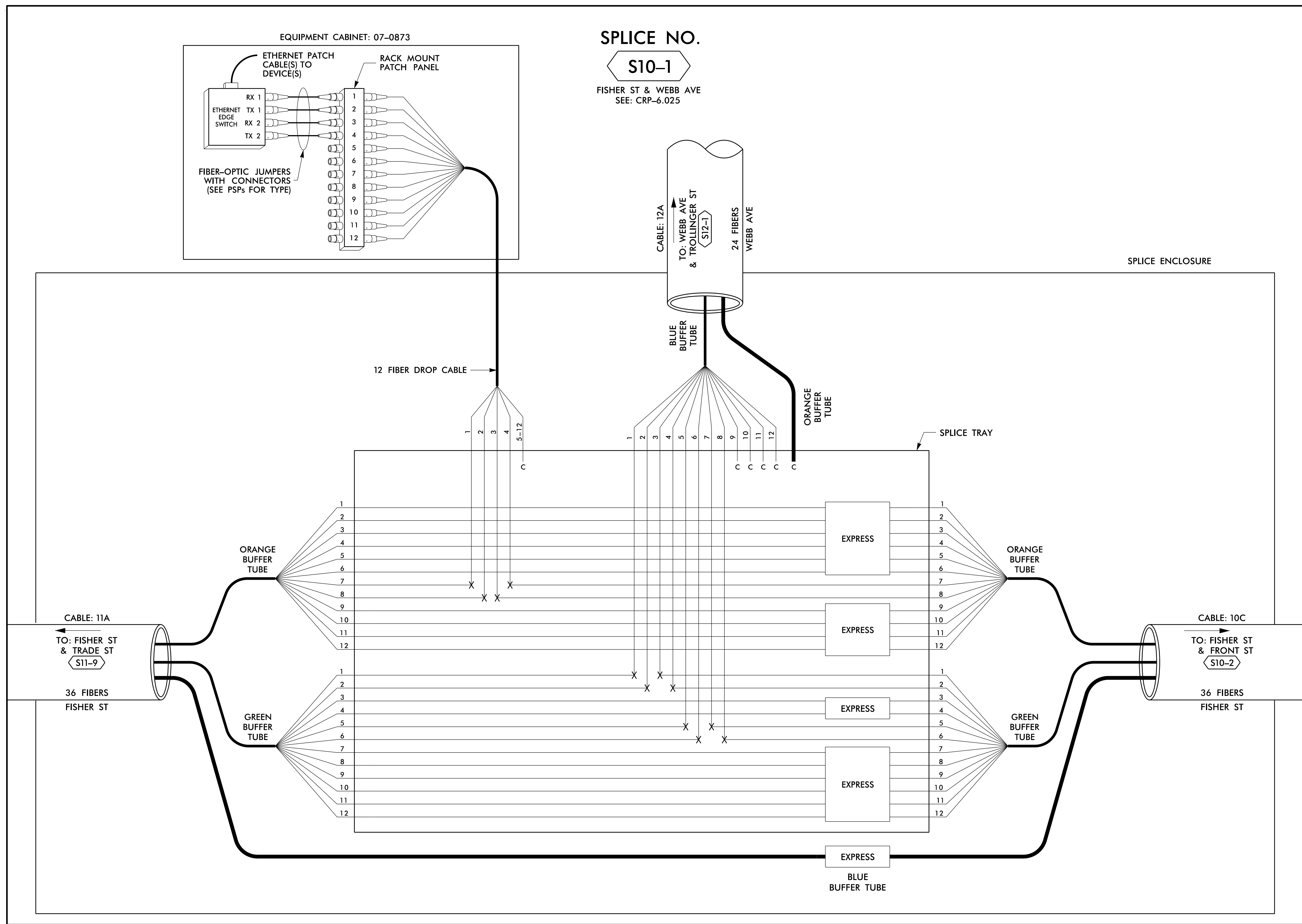
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RALEIGH, NORTH CAROLINA 27609
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	Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 Alamance County PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Burlington & Graham REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	

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LEGEND

(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
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(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

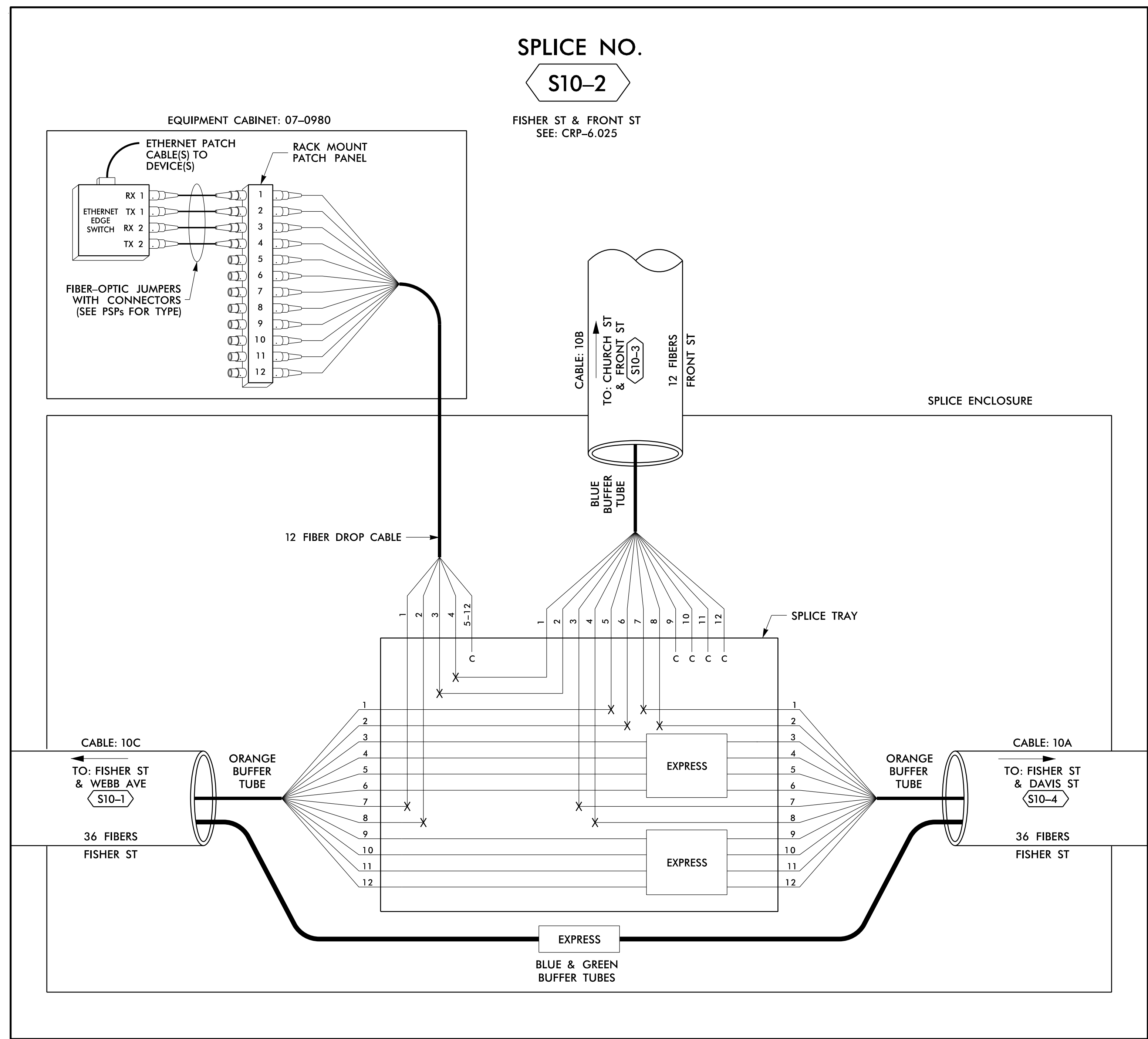
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<p>750 Greenfield Parkway, Garner, NC 27529</p>	<p>Burlington-Graham Signal System Fiber-Optic Splicing Details</p>											
	<p>Division 7 Alamance County Burlington & Graham</p> <p>PLAN DATE: June 2018 REVIEWED BY: HA BADGETT</p> <p>PREPARED BY: BJ SLOCUM REVIEWED BY: DL JONES</p>											
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REVISIONS	INIT.	DATE										

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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COLOR CODE		LEGEND	
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(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
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ATKINS

Prepared for the Offices of:

 750 Greenfield Parkway, Garner, NC 27529

1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEs #F-0326

Burlington-Graham Signal System
Fiber-Optic Splicing Details

Division 7 Alamance County Burlington & Graham

PLAN DATE: June 2018 REVIEWED BY: HA BADGETT
 PREPARED BY: BJ SLOCUM REVIEWED BY: DL JONES

SCALE: N/A

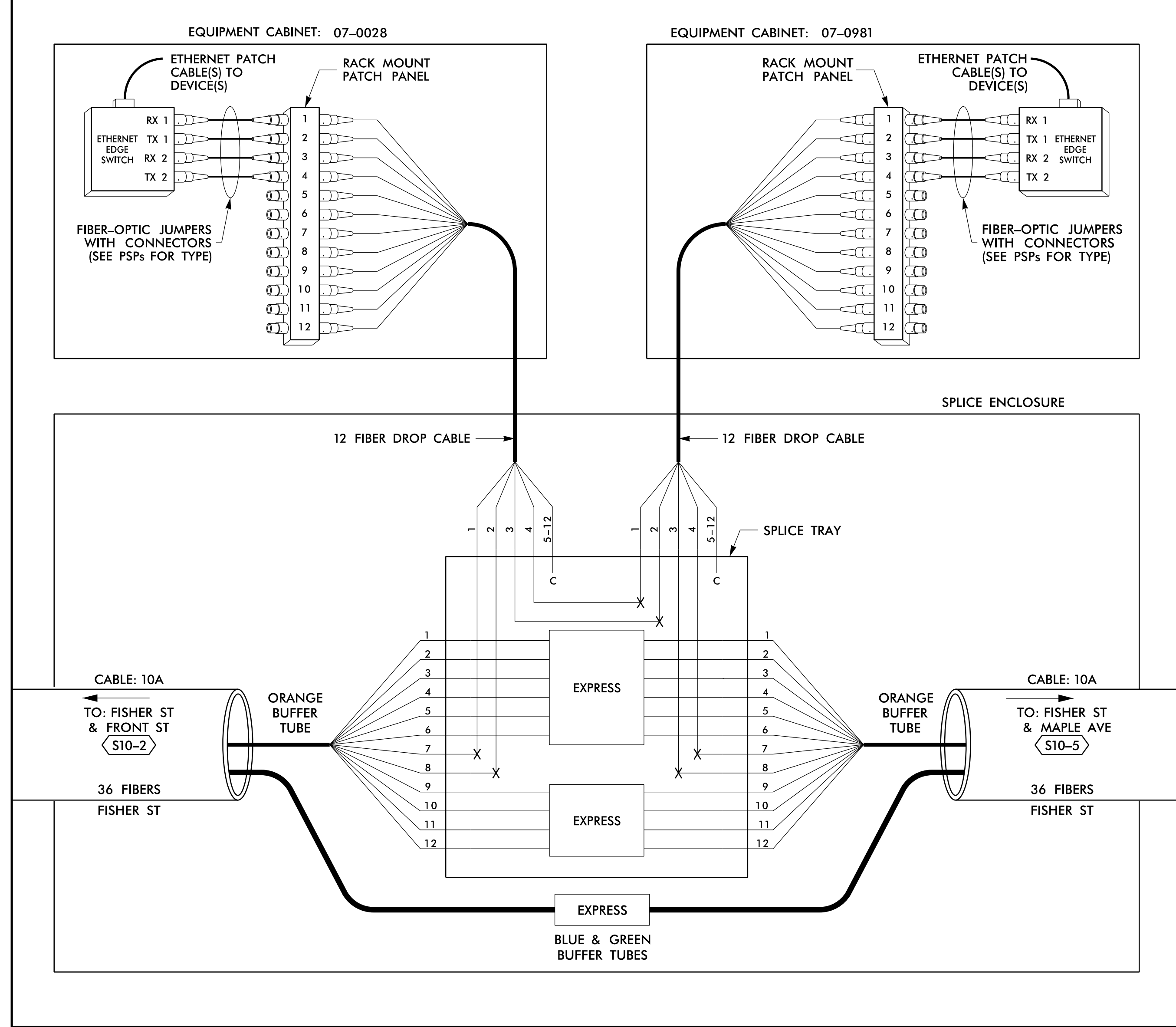
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 040877
 BRADFORD J. SLOCUM
 15/2018

SPLICE NO.

S10-4

FISHER ST & DAVIS ST
SEE: CRP-6.025



LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

NOTES

- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
- EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

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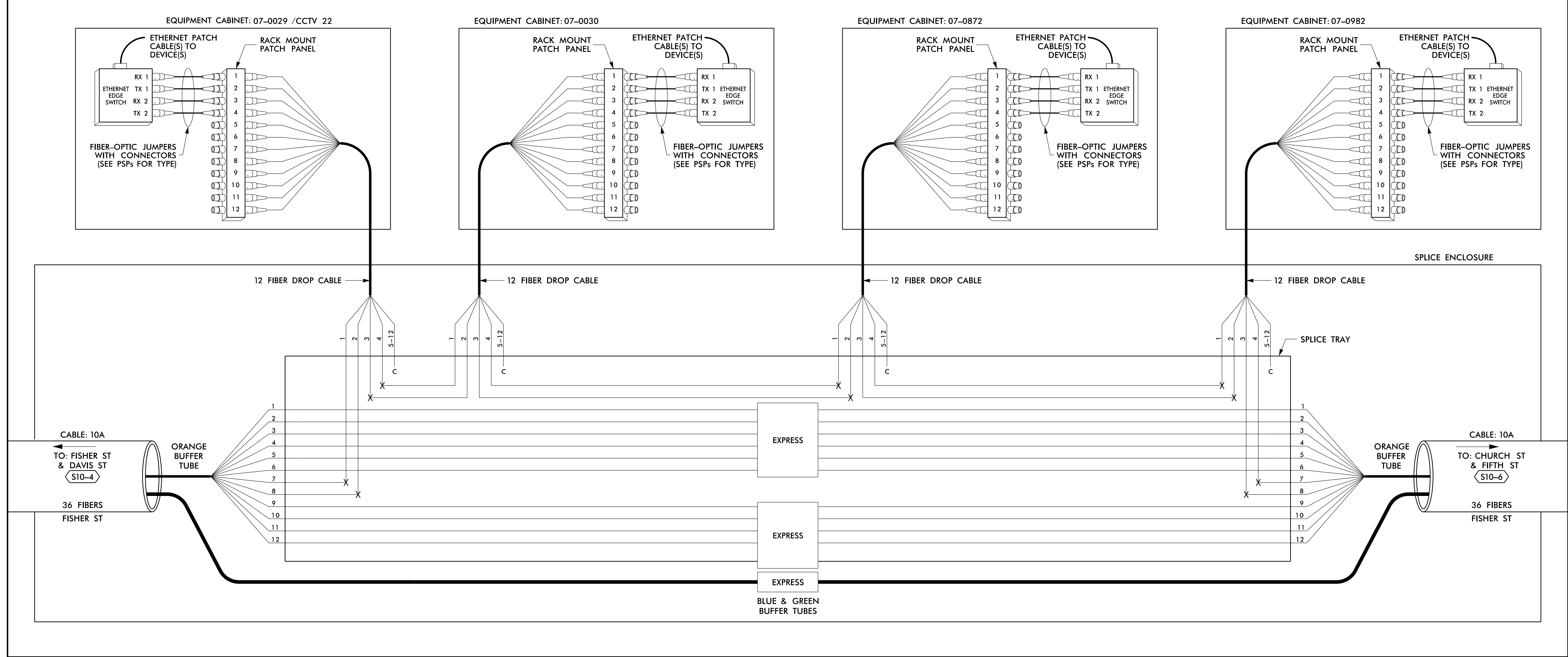
ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBES #F-0326

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	Prepared for the Offices of: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION Division 7		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040877 BRADFORD J. SLOCUM ENGINEER 15/2018 DATE
	Burlington-Graham Signal System Fiber-Optic Splicing Details		
750 Greenfield Parkway, Garner, NC 27529 SCALE: N/A	PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	REVISIONS INIT. DATE

SPLICE NO.
S10-5

FISHER ST & MAPLE AVE
SEE: CRP-6.024



LEGEND

(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

X = FUSION SPLICE INDIVIDUAL FIBER
C = CAP AND SEAL

- NOTES**
- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
 - UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
 - EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

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ATKINS

Prepared for the Offices of:

 750 Greenfield Parkway, Garner, NC 27529

1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBES #F-0326

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

Division 7 Alamance County Burlington & Graham

PLAN DATE: June 2018
 PREPARED BY: BJ SLOCUM

Burlington-Graham Signal System
 Fiber-Optic Splicing Details

REVIEWED BY: HA BADGETT
 REVIEWED BY: DL JONES

REVISIONS	INIT.	DATE

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 040877
 BRADFORD J. SLOCUM
 15/2018
 DATE

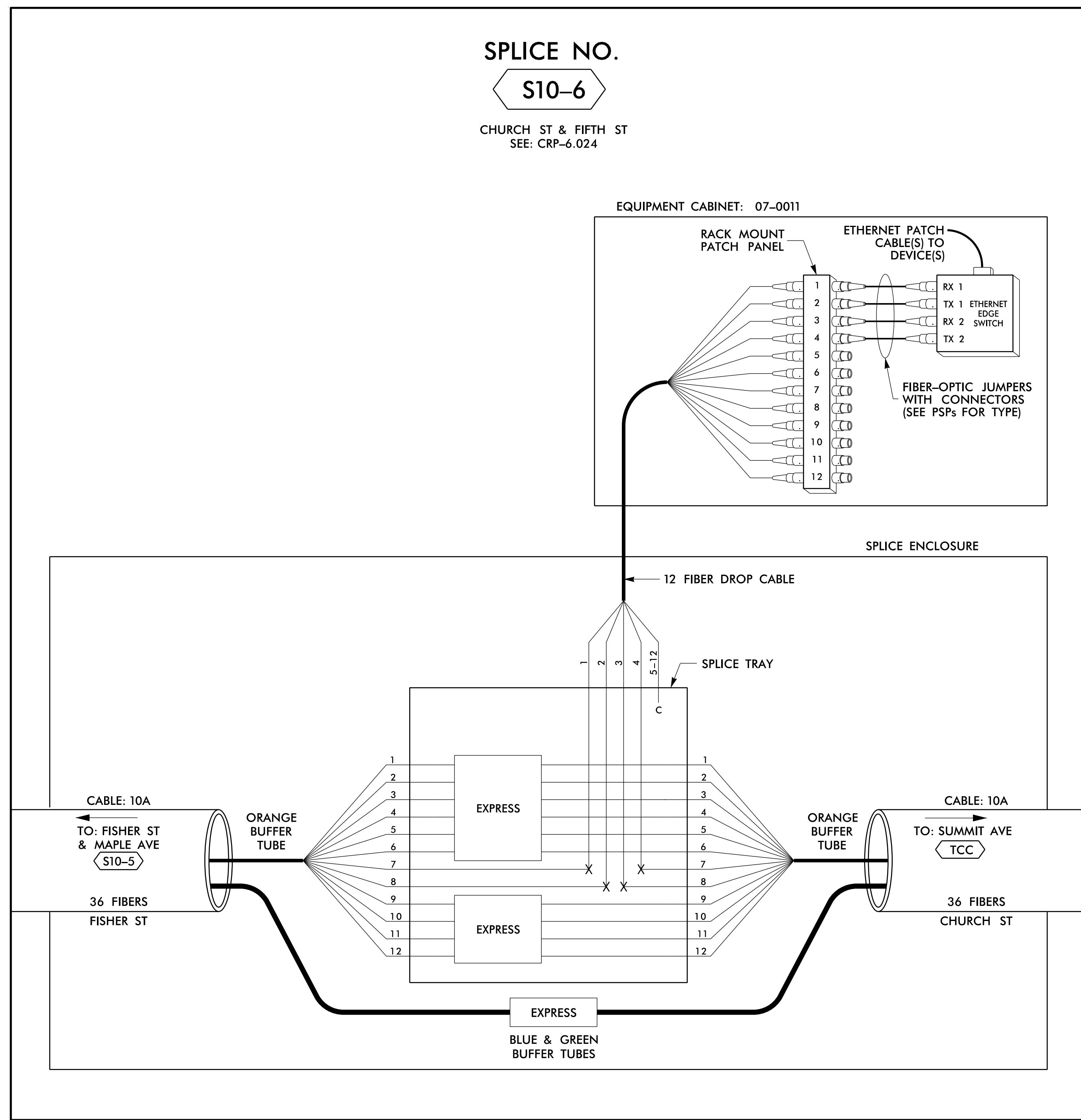
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CADD File name: FS 4.063.dgn

SPLICE NO.

S10-6

CHURCH ST & FIFTH ST
SEE: CRP-6.024



LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER
(1) BLUE	(7) RED	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	C = CAP AND SEAL
(3) GREEN	(9) YELLOW	EXPRESS
(4) BROWN	(10) VIOLET	BUFFER SPlice
(5) SLATE	(11) ROSE	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(6) WHITE	(12) AQUA	EXISTING
		EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.

NOTES

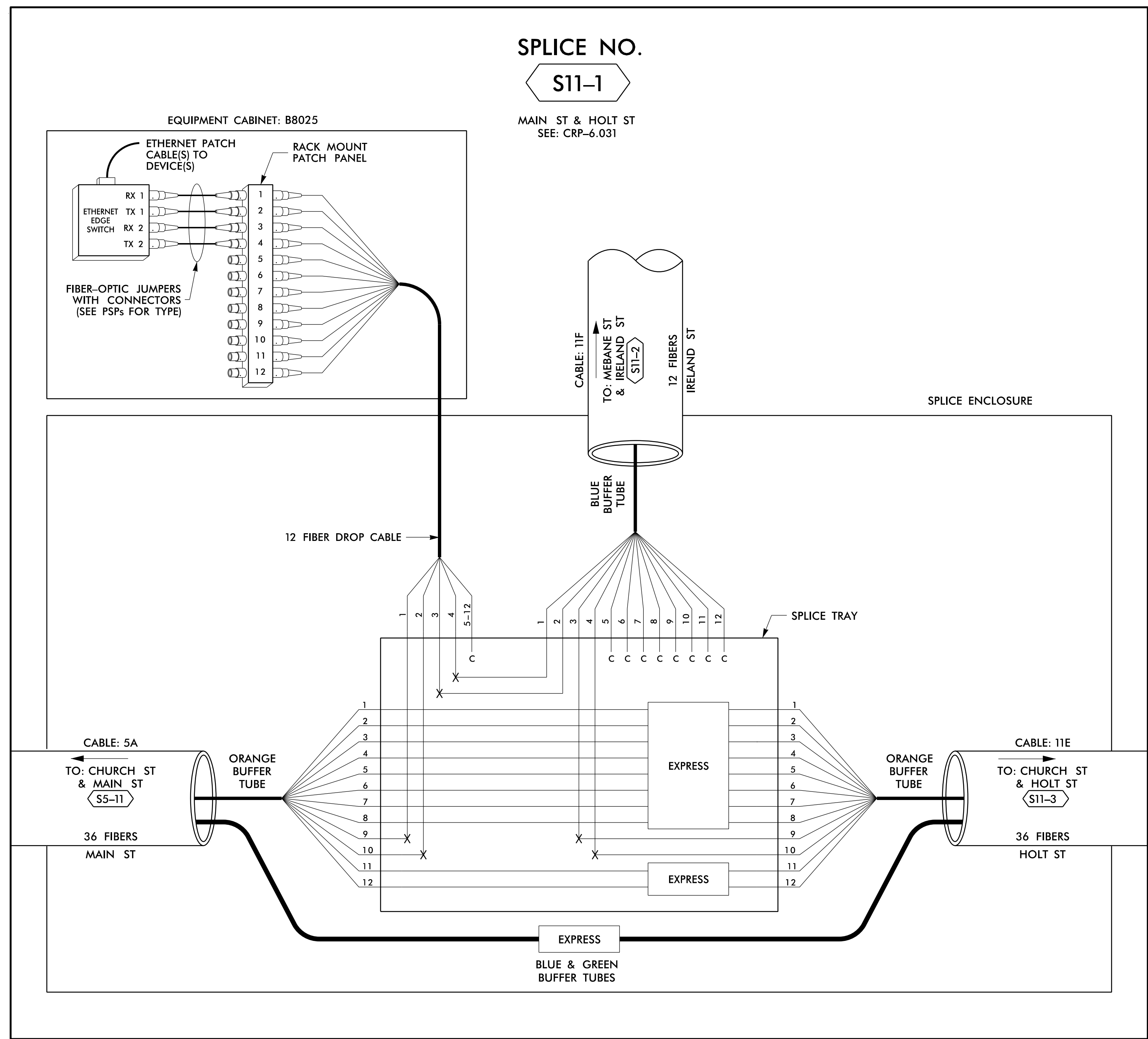
- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
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RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEEES #F-0326

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	Prepared for the Offices of: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION Transportation Systems		
	Burlington-Graham Signal System Fiber-Optic Splicing Details		
Division 7 Alamance County Burlington & Graham		PLAN DATE: June 2018 REVIEWED BY: HA BADGETT	
PREPARED BY: BJ SLOCUM		REVIEWED BY: DL JONES	
SCALE: N/A		REVISIONS: _____ INIT. DATE _____	
750 Greenfield Parkway, Garner, NC 27529		DATE: _____	
CADD File name: FS_4.064.dgn		DATE: _____	

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COLOR CODE		LEGEND	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPlice	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

- NOTES**
- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
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RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEEES #F-0326

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Burlington-Graham Signal System
Fiber-Optic Splicing Details

Division 7 Alamance County Burlington & Graham

PLAN DATE: June 2018 REVIEWED BY: HA BADGETT

PREPARED BY: BJ SLOCUM REVIEWED BY: DL JONES

SCALE: N/A

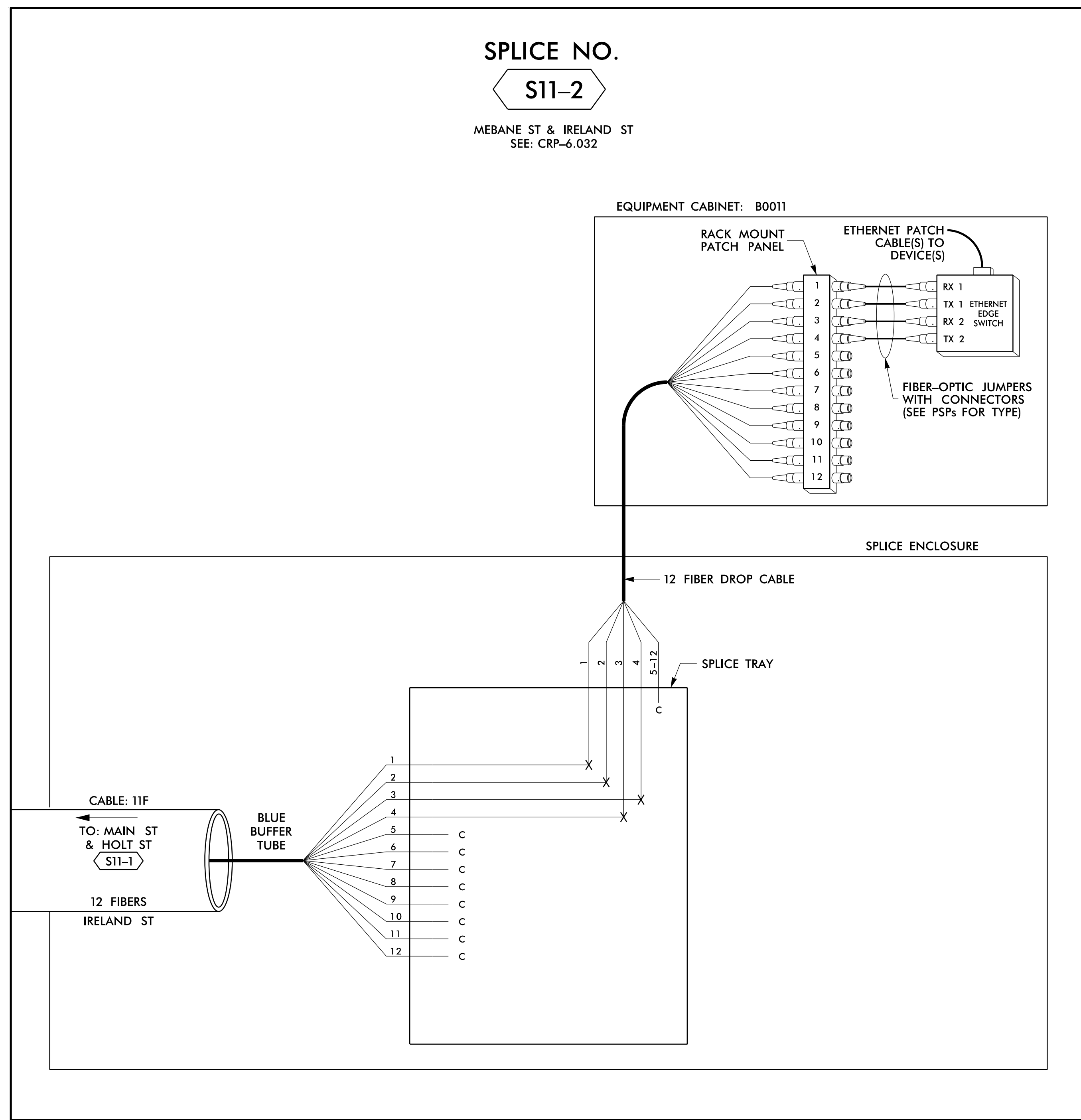
SEAL

BRADFORD J. SLOCUM
ENGINEER
15/2018

SPLICE NO.

S11-2

MEBANE ST & IRELAND ST
SEE: CRP-6.032



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LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		
		C =	CAP AND SEAL

NOTES

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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
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(919) 876-6888 NCBES #F-0326

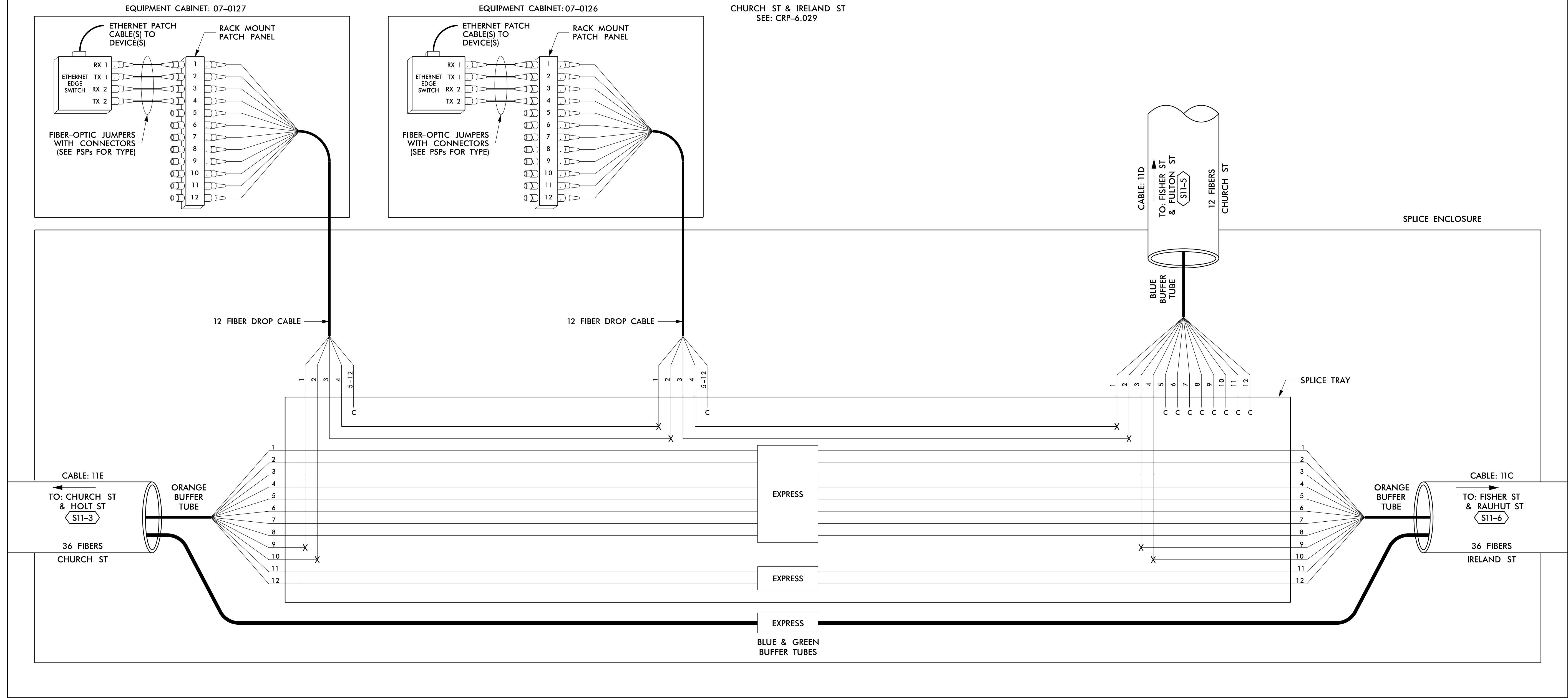
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<p>Prepared for the Offices of: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION Transportation Systems</p>	Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 Alamance County Burlington & Graham		
PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES		
SCALE: N/A	REVISIONS	INIT. DATE	DATE

750 Greenfield Parkway, Garner, NC 27529
 CADD File name: FS 4.066.dgn

SPLICE NO. S11-4

CHURCH ST & IRELAND ST
SEE: CRP-6.029



LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(1) BLUE	(7) RED	C = CAP AND SEAL	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(2) ORANGE	(8) BLACK		EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(3) GREEN	(9) YELLOW			
(4) BROWN	(10) VIOLET			
(5) SLATE	(11) ROSE			
(6) WHITE	(12) AQUA			

NOTES

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RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEEES #F-0326

Prepared for the Offices of:

 Division 7 Alamance County Burlington & Graham
 Fiber-Optic Splicing Details

PLAN DATE: June 2018 REVIEWED BY: HA BADGETT
 PREPARED BY: BJ SLOCUM REVIEWED BY: DL JONES

750 Greenfield Parkway, Garner, NC 27529
 SCALE: N/A

REVISIONS: _____ INIT. DATE _____

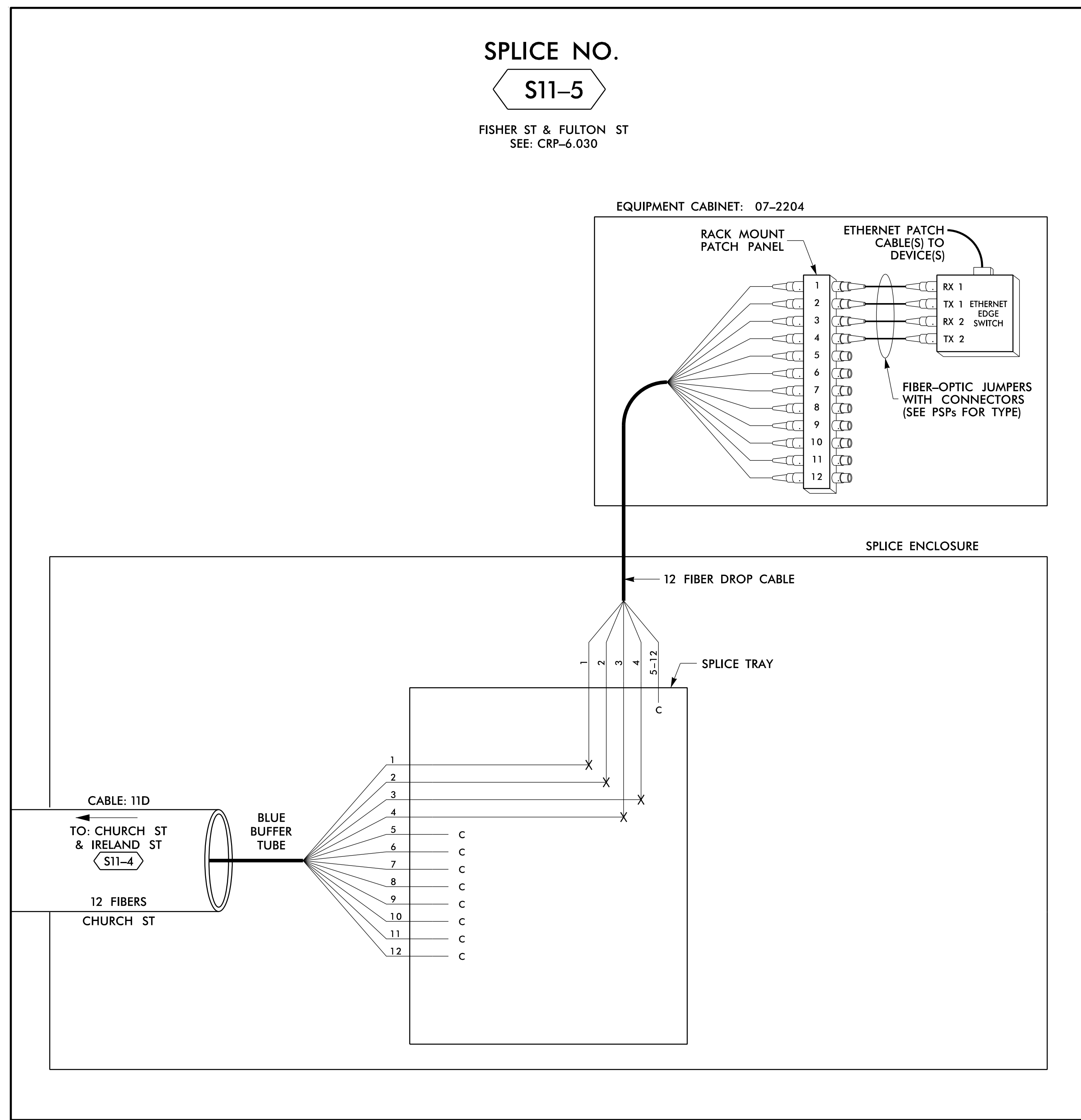
SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 040877
 BRADFORD J. SLOCUM
 15/2018
 DATE
 CADD File name: FS 4.068.dgn

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SPLICE NO.

S11-5

FISHER ST & FULTON ST
SEE: CRP-6.030



LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER
(1) BLUE	(7) RED	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	EXPRESS
(3) GREEN	(9) YELLOW	BUFFER SPlice
(4) BROWN	(10) VIOLET	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(5) SLATE	(11) ROSE	EXISTING
(6) WHITE	(12) AQUA	EXISTING BUFFER TUBE / FIBERS. DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
		C = CAP AND SEAL

NOTES

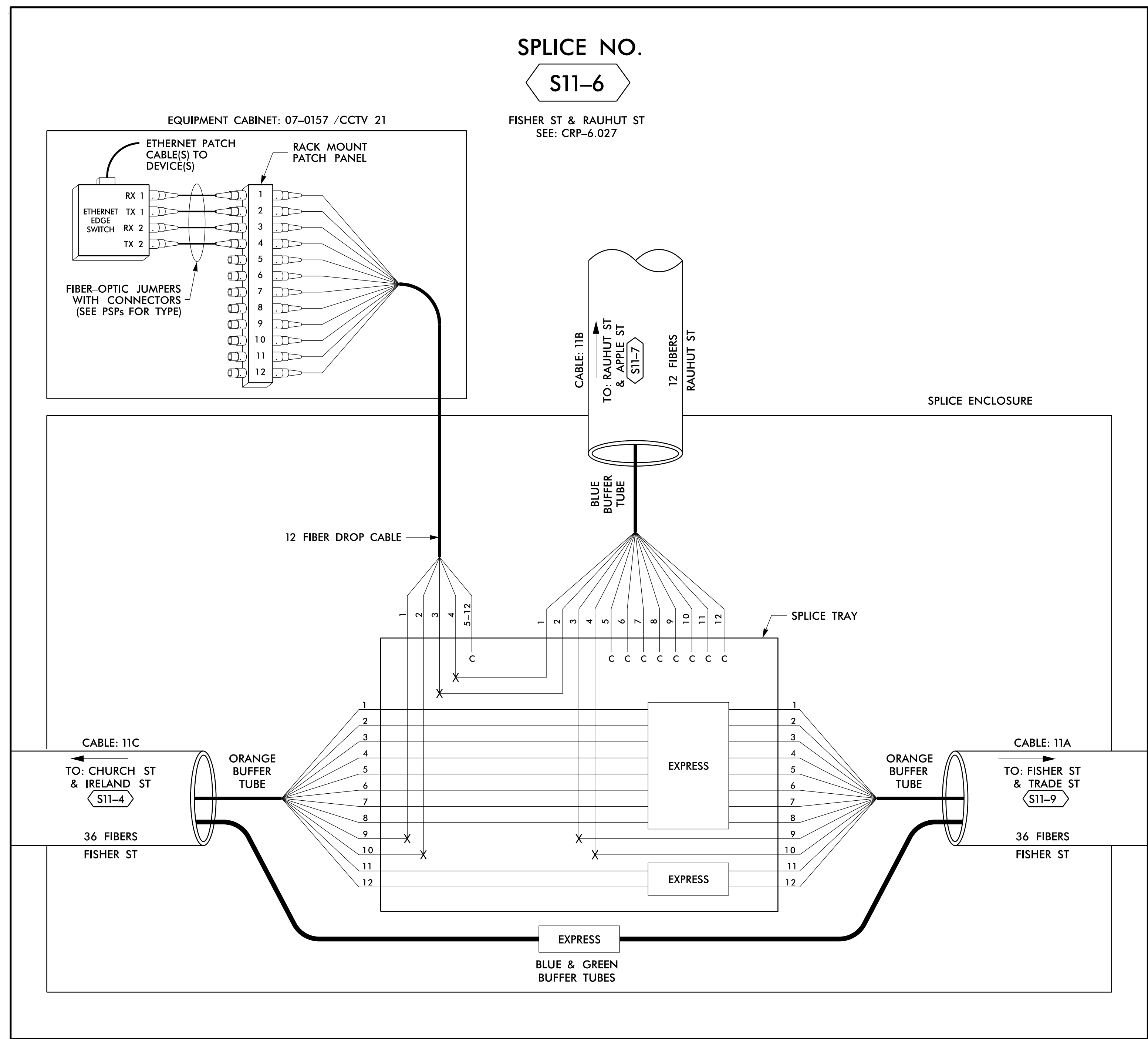
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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBES #F-0326

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	Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 Alamance County	Burlington & Graham	
PLAN DATE: June 2018	REVIEWED BY: HA BADGETT		SEAL 040877 ENGINEER BRADFORD J. SLOCUM 15/2018
PREPARED BY: BJ SLOCUM	REVIEWED BY: DL JONES		
SCALE: N/A	REVISIONS	INIT.	DATE

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SPLICE NO.
S11-6

FISHER ST & RAUHUT ST
SEE: CRP-6.027

EQUIPMENT CABINET: 07-0157 / CCTV 21

SPLICE ENCLOSURE

12 FIBER DROP CABLE

CABLE: 11B
TO: RAUHUT ST & APPLE ST
S11-7
12 FIBERS
RAUHUT ST

CABLE: 11C
TO: CHURCH ST & IRELAND ST
S11-4
36 FIBERS
FISHER ST

ORANGE BUFFER TUBE

ORANGE BUFFER TUBE

CABLE: 11A
TO: FISHER ST & TRADE ST
S11-9
36 FIBERS
FISHER ST

EXPRESS

EXPRESS
BLUE & GREEN BUFFER TUBES

SPLICE TRAY

LEGEND


COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(1) BLUE	(7) RED	C = CAP AND SEAL	BUFFER SPlice	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(2) ORANGE	(8) BLACK		EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.
(3) GREEN	(9) YELLOW			
(4) BROWN	(10) VIOLET			
(5) SLATE	(11) ROSE			
(6) WHITE	(12) AQUA			

NOTES

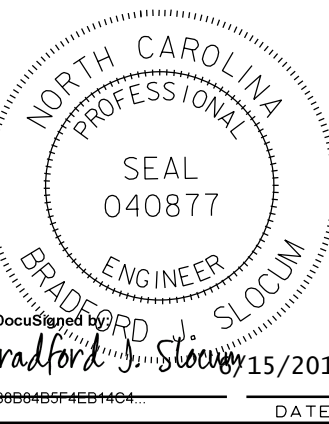
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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEE# F-0326

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Prepared for the Offices of:

 750 Greenfield Parkway, Garner, NC 27529
 SCALE: N/A

Burlington-Graham Signal System Fiber-Optic Splicing Details		Burlington & Graham	
Division 7	Alamance County		
PLAN DATE: June 2018	REVIEWED BY: HA BADGETT		
PREPARED BY: BJ SLOCUM	REVIEWED BY: DL JONES		
REVISIONS	INIT.	DATE	

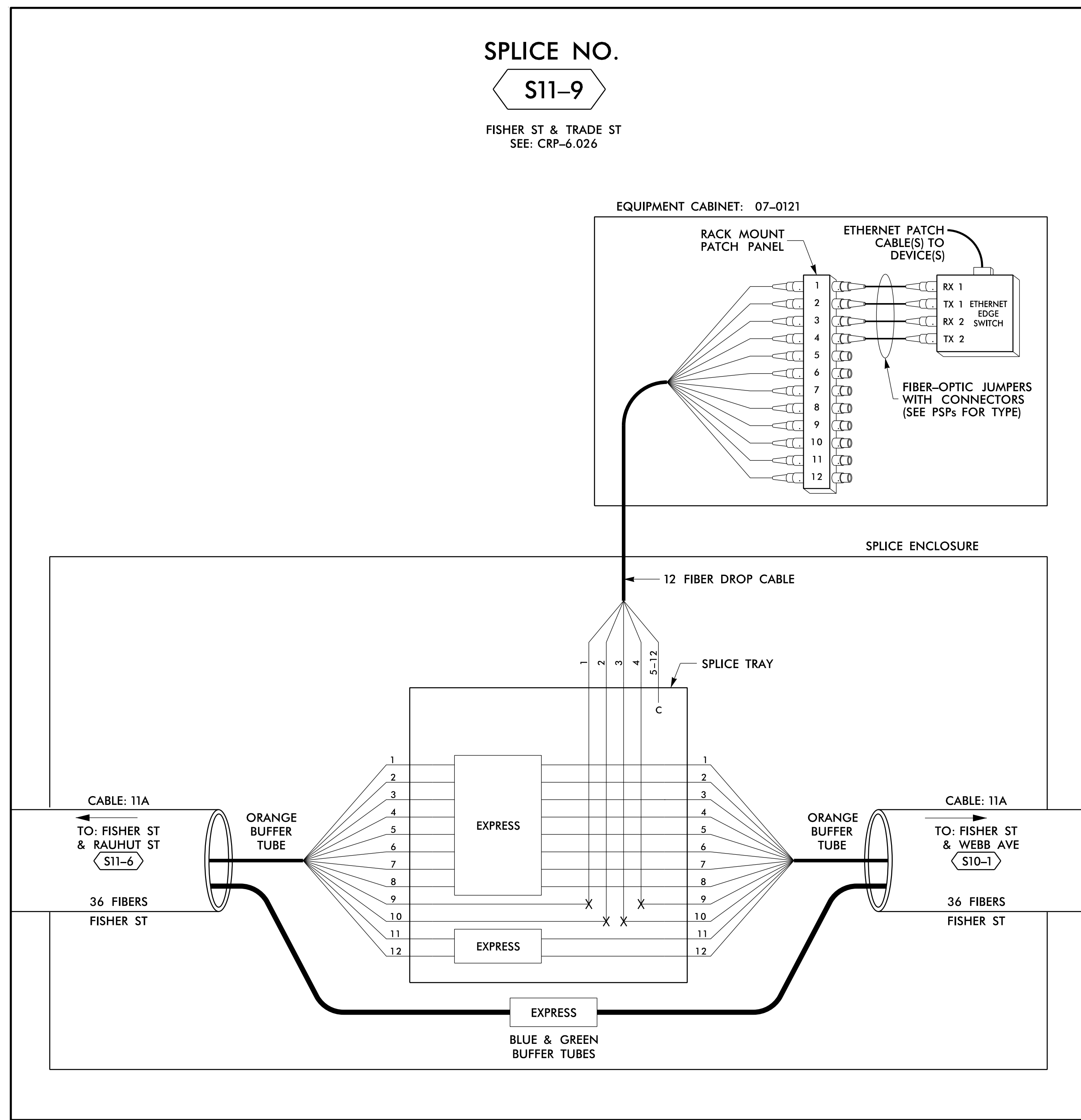
SEAL

 BRADFORD J. SLOCUM
 ENGINEER
 15/2018
 DATE
 CADD File name: FS_4.070.dgn

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SPLICE NO.

S11-9

FISHER ST & TRADE ST
SEE: CRP-6.026



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LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER C = CAP AND SEAL
(1) BLUE	(7) RED	EXPRESS
(2) ORANGE	(8) BLACK	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(3) GREEN	(9) YELLOW	BUFFER SPlice
(4) BROWN	(10) VIOLET	SPlice ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(5) SLATE	(11) ROSE	EXISTING
(6) WHITE	(12) AQUA	EXISTING BUFFER TUBE / FIBERS. DO NOT MODIFY EXISTING SPlices OR EXPRESSED FIBERS.

NOTES

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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEES #F-0326

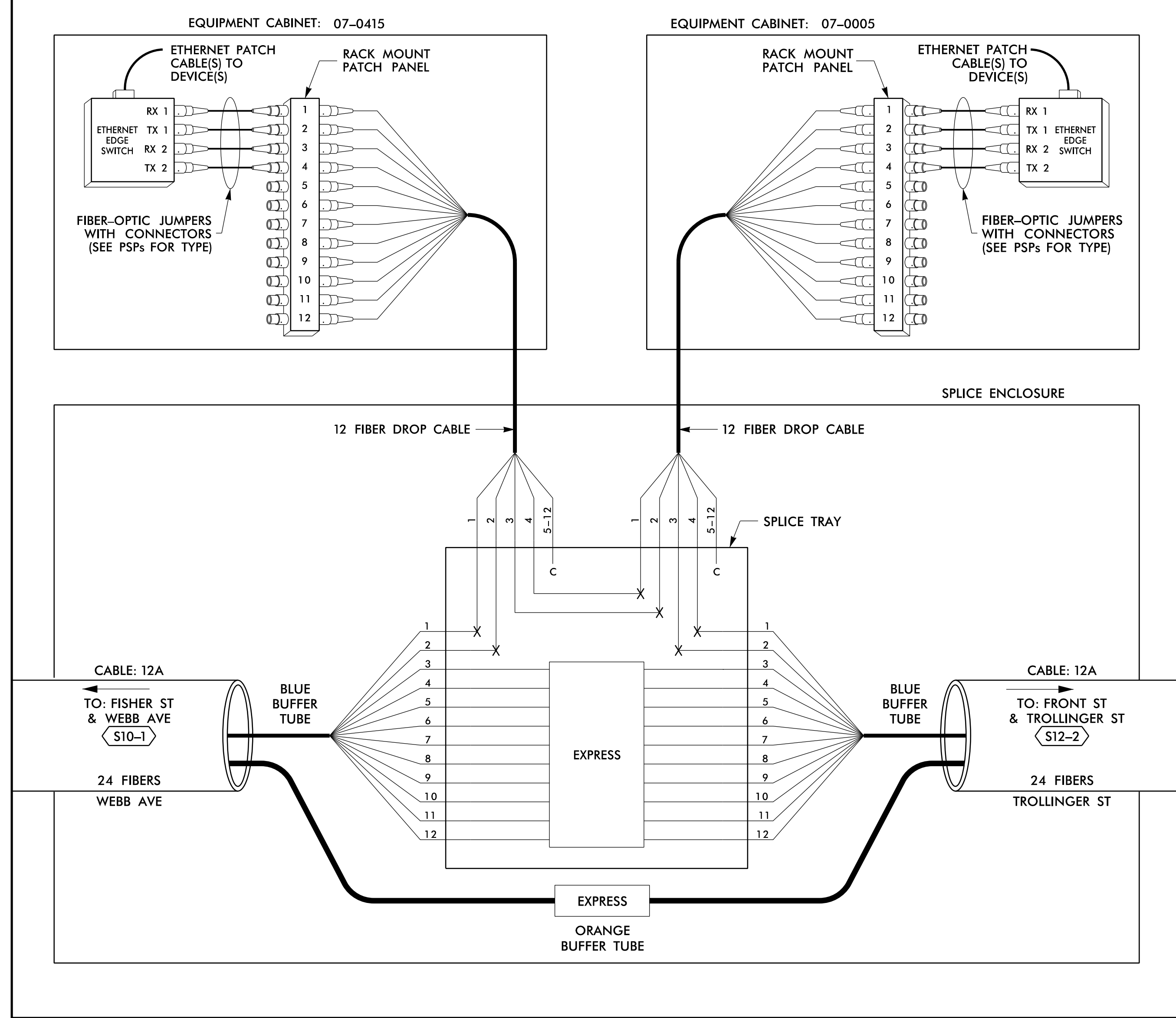
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of: 750 Greenfield Parkway, Garner, NC 27529	Burlington-Graham Signal System Fiber-Optic Splicing Details		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040877 BRADFORD J. SLOCUM 15/2018 DATE
	Division 7 Alamance County PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Burlington & Graham REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	
SCALE N/A	CADD File name: FS 4.072.dgn		

SPLICE NO.

S12-1

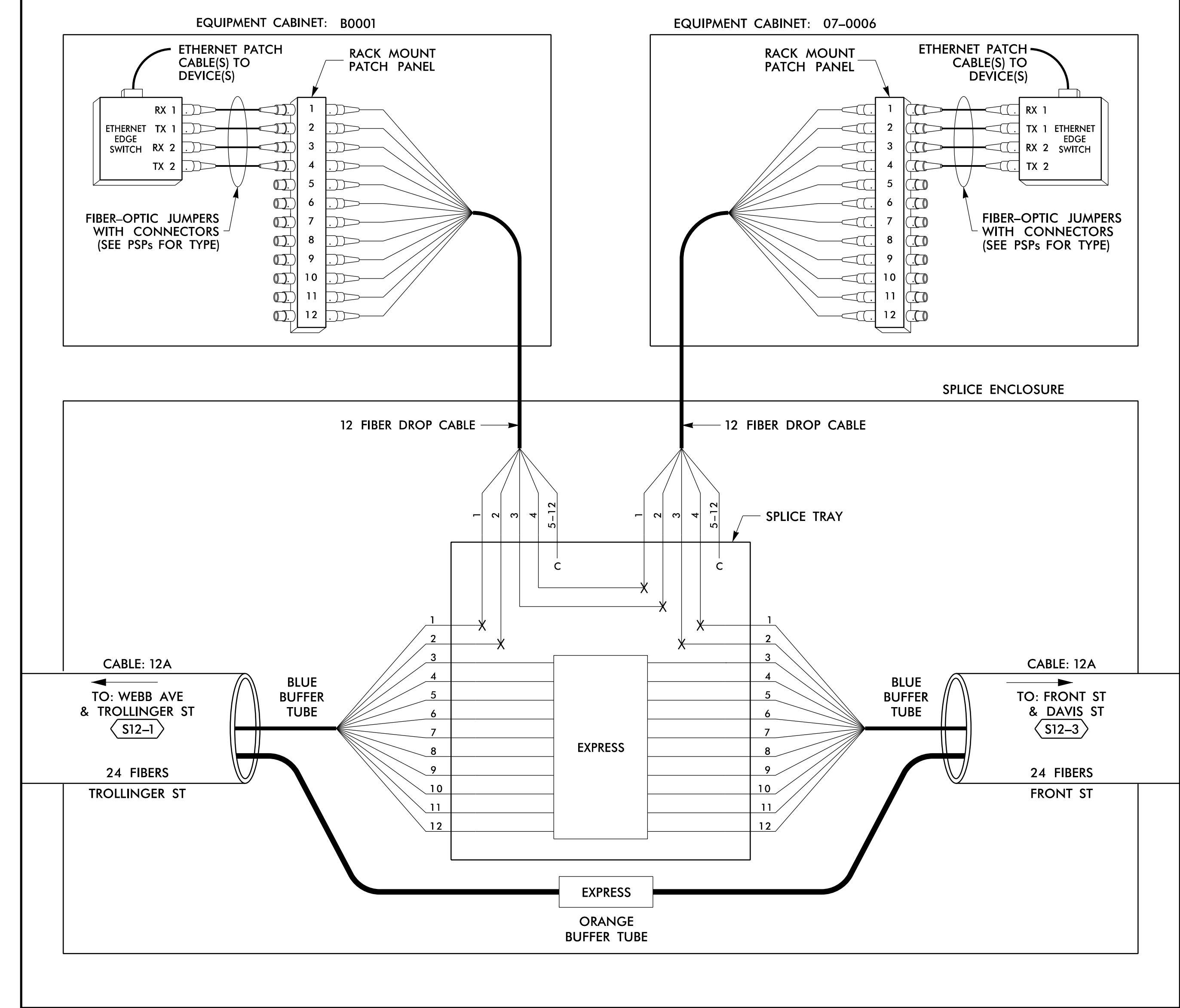
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SEE: CRP-6.142



SPLICE NO.

S12-2

FRONT ST & TROLLINGER ST
SEE: CRP-6.140



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LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

NOTES

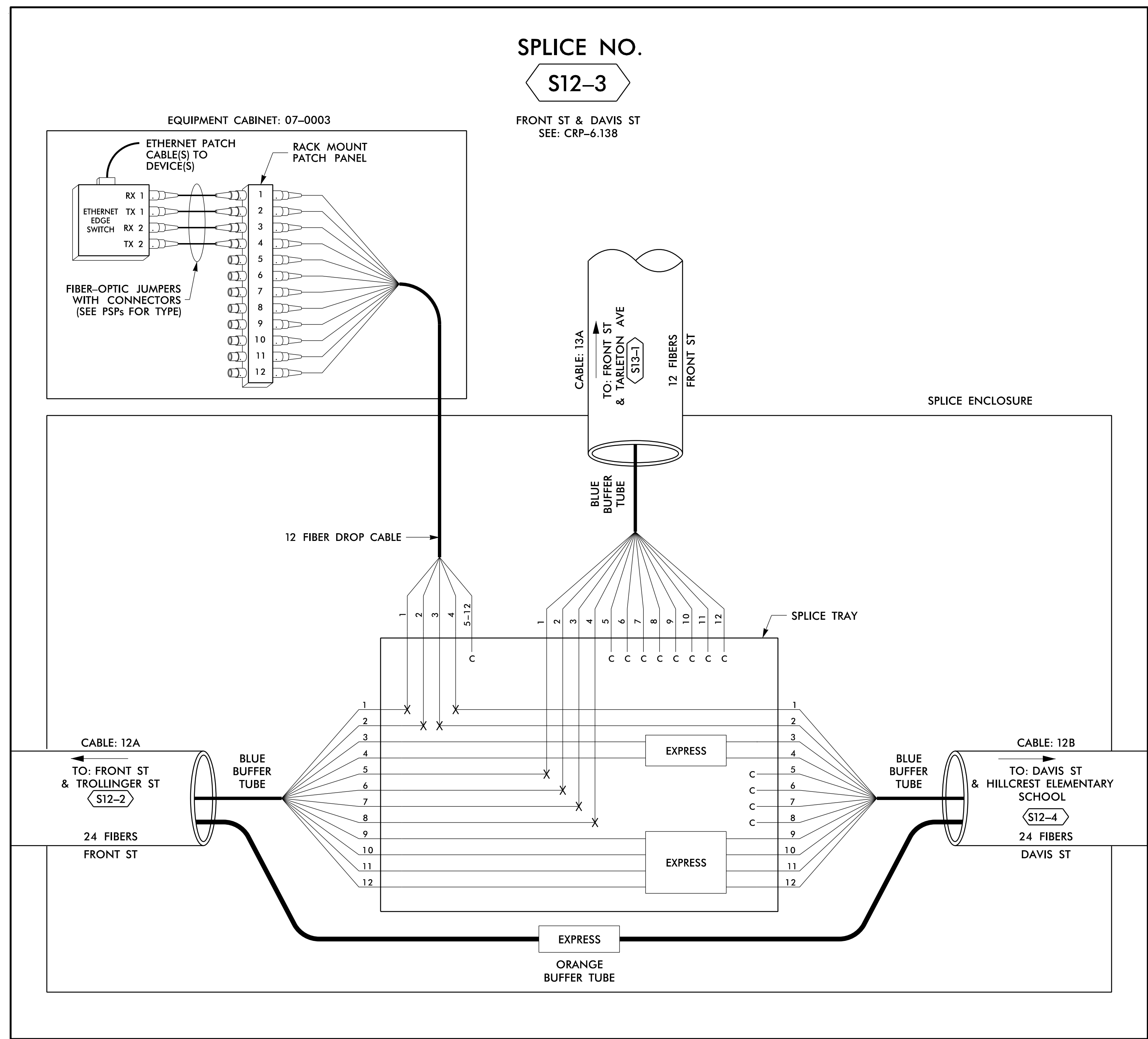
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ATKINS

1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBES #F-0326

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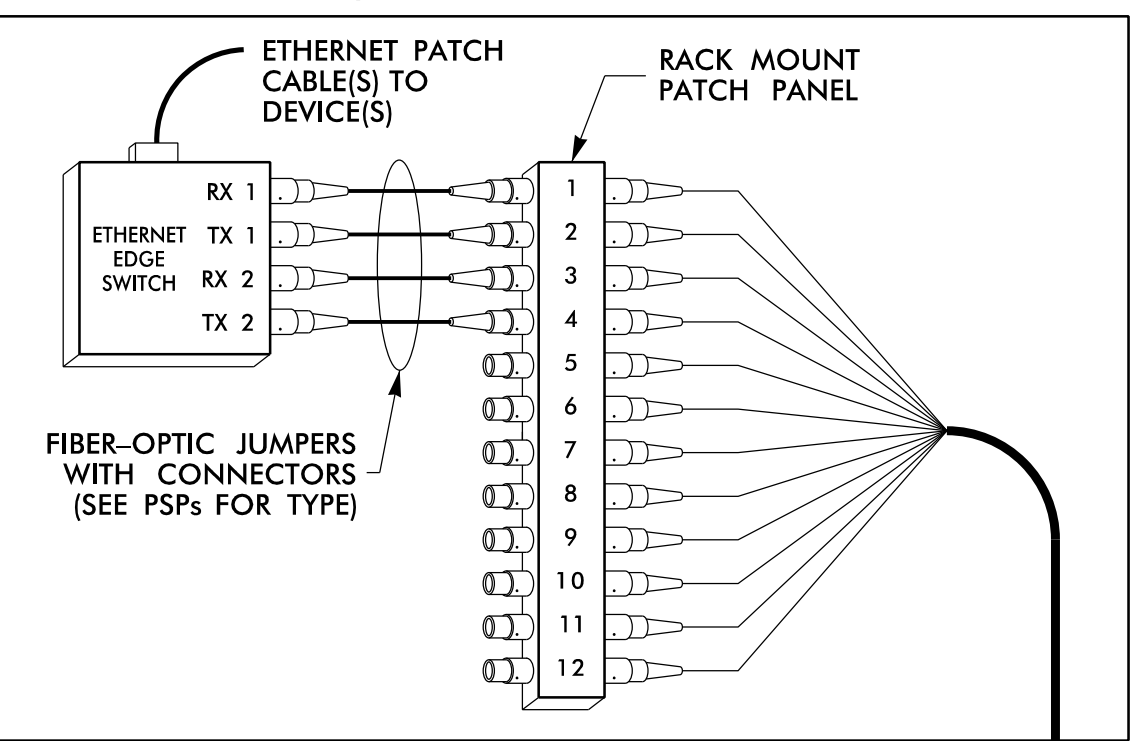
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	Burlington-Graham Signal System Fiber-Optic Splicing Details		
Division 7 Alamance County Burlington & Graham	PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	SCALE: N/A
REVISIONS		INIT. DATE	CADD File name: FS 4.073.dgn



SPLICE NO.
S12-3

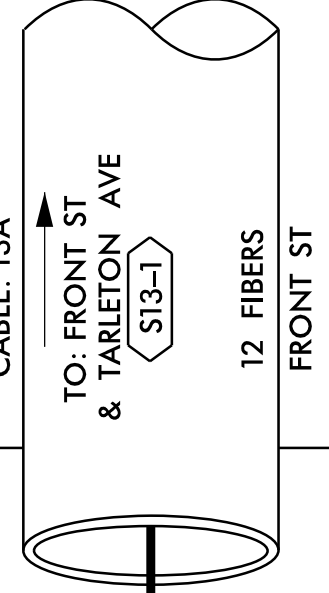
FRONT ST & DAVIS ST
 SEE: CRP-6.138

EQUIPMENT CABINET: 07-0003



SPLICE ENCLOSURE

12 FIBER DROP CABLE



BLUE BUFFER TUBE

SPLICE TRAY

CABLE: 12A

TO: FRONT ST & TROLLINGER ST
 S12-2

24 FIBERS
 FRONT ST

BLUE BUFFER TUBE

EXPRESS

EXPRESS

EXPRESS
 ORANGE BUFFER TUBE

CABLE: 12B

TO: DAVIS ST & HILLCREST ELEMENTARY SCHOOL
 S12-4

24 FIBERS
 DAVIS ST

BLUE BUFFER TUBE

LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPlice INDIVIDUAL FIBER THROUGH WITHOUT CUTTING	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE /FIBERS THROUGH WITHOUT CUTTING
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(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

NOTES

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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBES #F-0326

DOCUMENT NOT CONSIDERED FINAL
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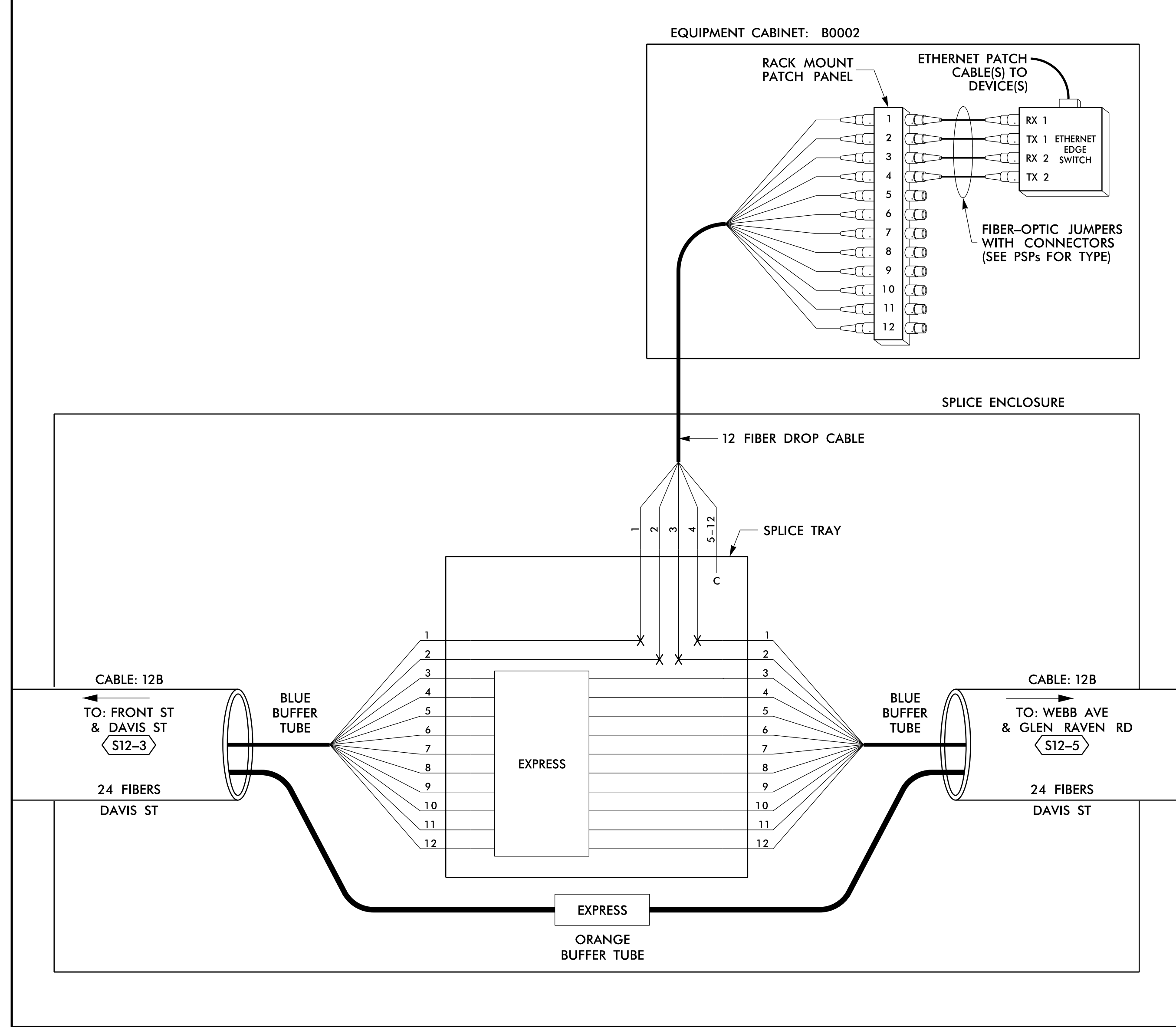
750 Greenfield Parkway, Garner, NC 27529
 SCALE: N/A

Burlington-Graham Signal System Fiber-Optic Splicing Details		Burlington & Graham	
Division 7	Alamance County		
PLAN DATE: June 2018	REVIEWED BY: HA BADGETT		
PREPARED BY: BJ SLOCUM	REVIEWED BY: DL JONES		
REVISIONS	INIT.	DATE	

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 040877
 BRADFORD J. SLOCUM
 15/2018
 DATE
 CADD File name: FS 4.074.dgn

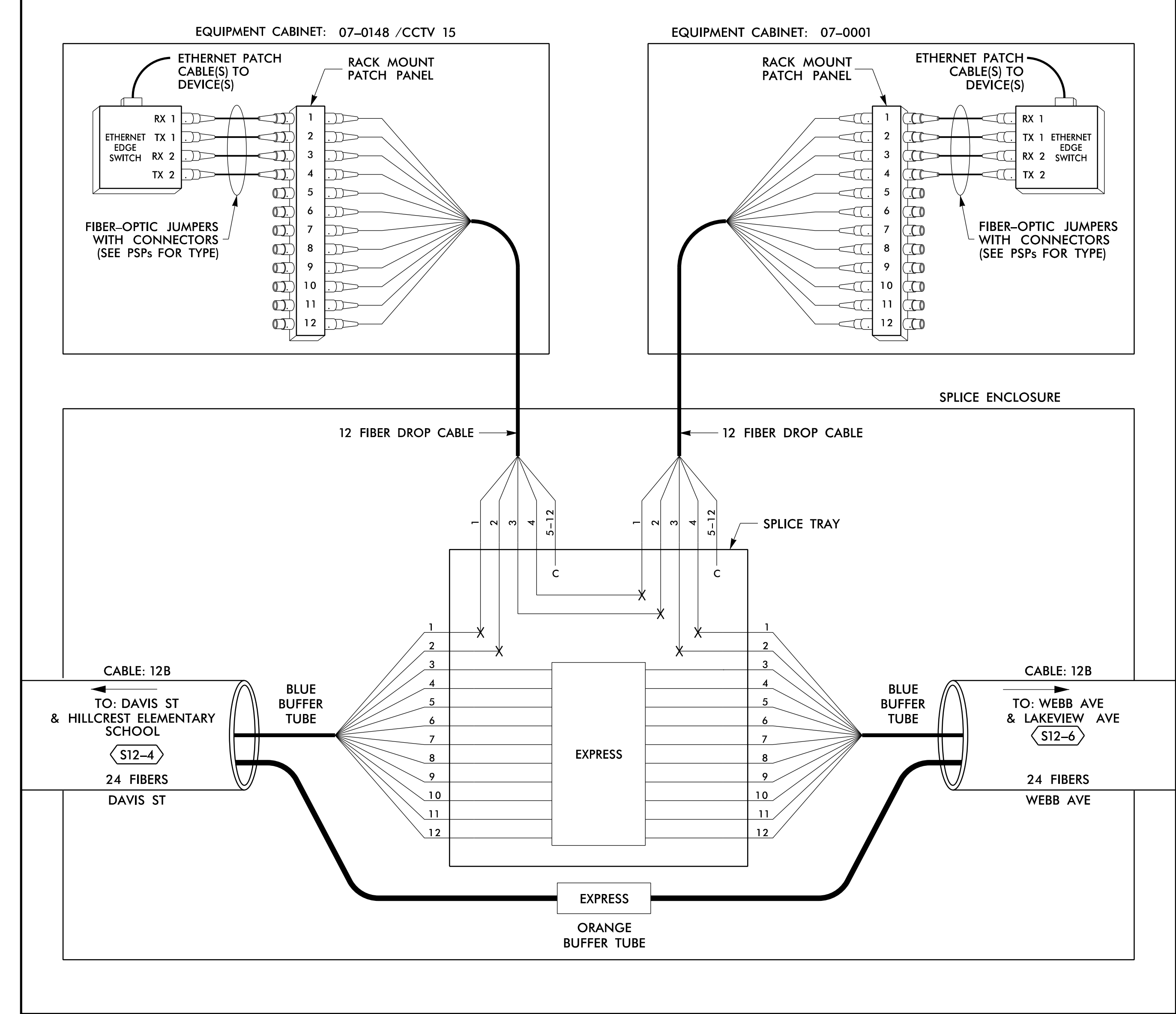
SPLICE NO.
S12-4

DAVIS ST & HILLCREST ELEMENTARY SCHOOL
SEE: CRP-6.134



SPLICE NO.
S12-5

WEBB AVE & GLEN RAVEN RD
SEE: CRP-6.133



14 JUN 2018 12:29
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LEGEND

COLOR CODE TIA/EIA 598-B		X = FUSION SPLICE INDIVIDUAL FIBER	
(1) BLUE	(7) RED	EXPRESS	EXPRESS ENTIRE BUFFER TUBE / FIBERS THROUGH WITHOUT CUTTING
(2) ORANGE	(8) BLACK	BUFFER SPLICE	SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR
(3) GREEN	(9) YELLOW	EXISTING	EXISTING BUFFER TUBE / FIBERS DO NOT MODIFY EXISTING SPLICES OR EXPRESSED FIBERS.
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		

NOTES

- UNUSED FIBERS LEFT COILED AND STORED IN SPLICE TRAY
- UNUSED BUFFER TUBES LEFT COILED AND STORED IN SPLICE ENCLOSURE
- EDGE SWITCH CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING THE PROPER TERMINATIONS.

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
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<p>750 Greenfield Parkway, Garner, NC 27529</p>	Prepared for the Offices of: 		SEAL NORTH CAROLINA PROFESSIONAL SEAL 040877 ENGINEER Bradford J. Slocum 15/2018 DATE
	Burlington-Graham Signal System Fiber-Optic Splicing Details		
	Division 7 Alamance County PLAN DATE: June 2018 PREPARED BY: BJ SLOCUM	Burlington & Graham REVIEWED BY: HA BADGETT REVIEWED BY: DL JONES	
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