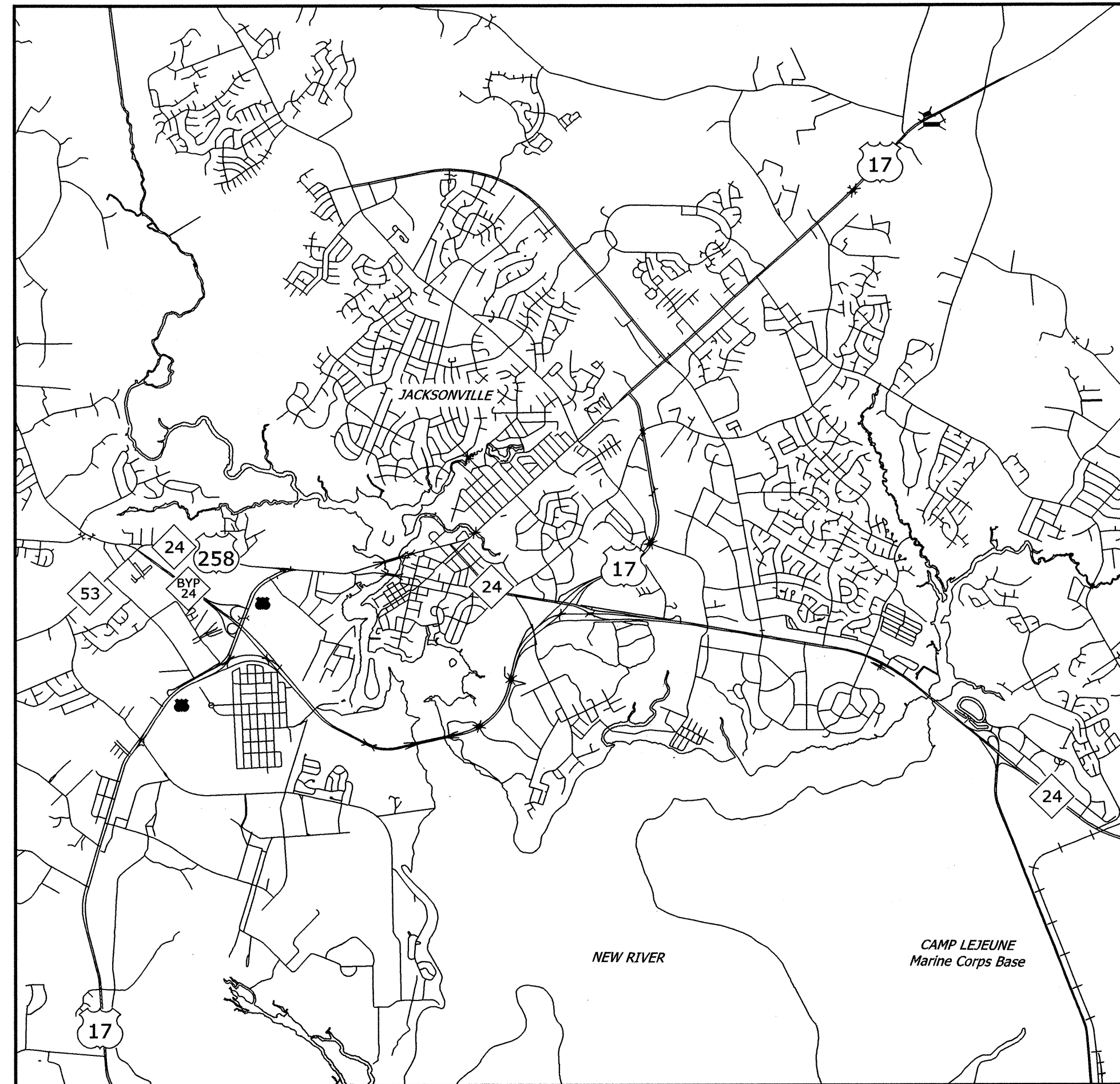


STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5168	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45241.1.1		PE	
45241.3.1	STP-0314(5)	CONST	

**NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

**PLANS FOR PROPOSED  
JACKSONVILLE  
COMPUTERIZED TRAFFIC SIGNAL SYSTEM  
(ONslow COUNTY)**



Volume II of III  
Fiber-Optic Splicing

**FINAL PLANS**

7/20/2011 8:11:58 AM \\s\p\c\i\c\i\ng\m...joc-001.dgn

**CONTRACT: C202576 TIP PROJECT: U-5168**

2006 STANDARD SPECIFICATIONS

LETTING DATE:  
**NOVEMBER 15, 2011**

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
DIVISION ADMINISTRATOR

PROJECT LENGTH


**PROJECT LENGTH = 41 MILES**

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER \_\_\_\_\_ P.E.

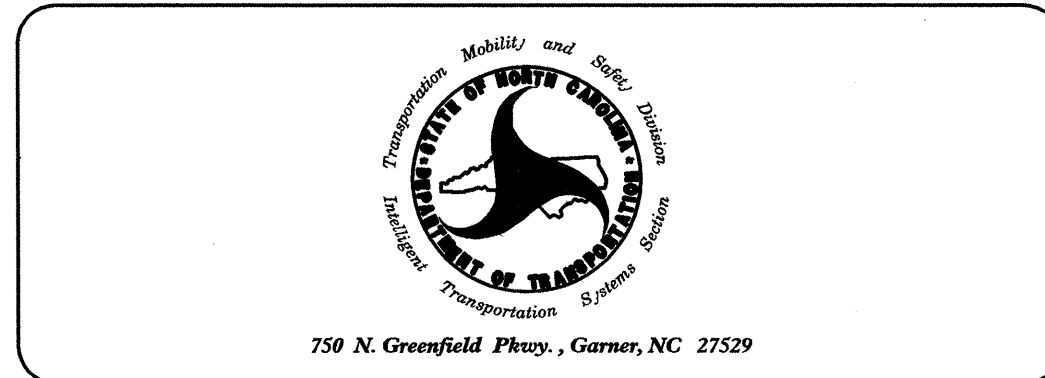
**NC DOT CONTACTS:**  
TRANSPORTATION SAFETY AND MOBILITY  
INTELLIGENT TRANSPORTATION SYSTEMS SECTION  
W. MICHAEL BRASWELL - METRO SYSTEMS PROJECT ENGINEER

PLANS PREPARED BY:



**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh, NC 27636  
(919) 677-2000

**KIMLEY-HORN CONTACTS:** T.F. BURCHETT, P.E. - PROJECT MANAGER  
KEVIN W. SMITH, P.E. - PROJECT ENGINEER




SEAL

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
DATE

SEAL



\_\_\_\_\_  
SIGNATURE

7.20.2011  
\_\_\_\_\_  
DATE

## SPLICE DIAGRAM LEGEND

COLOR CODE  
TIA/EIA 598-A

- |            |             |
|------------|-------------|
| (1) BLUE   | (7) RED     |
| (2) ORANGE | (8) BLACK   |
| (3) GREEN  | (9) YELLOW  |
| (4) BROWN  | (10) VIOLET |
| (5) SLATE  | (11) ROSE   |
| (6) WHITE  | (12) AQUA   |


X - FUSION SPLICE INDIVIDUAL FIBER

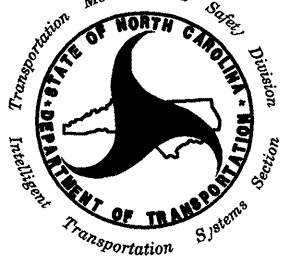



BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

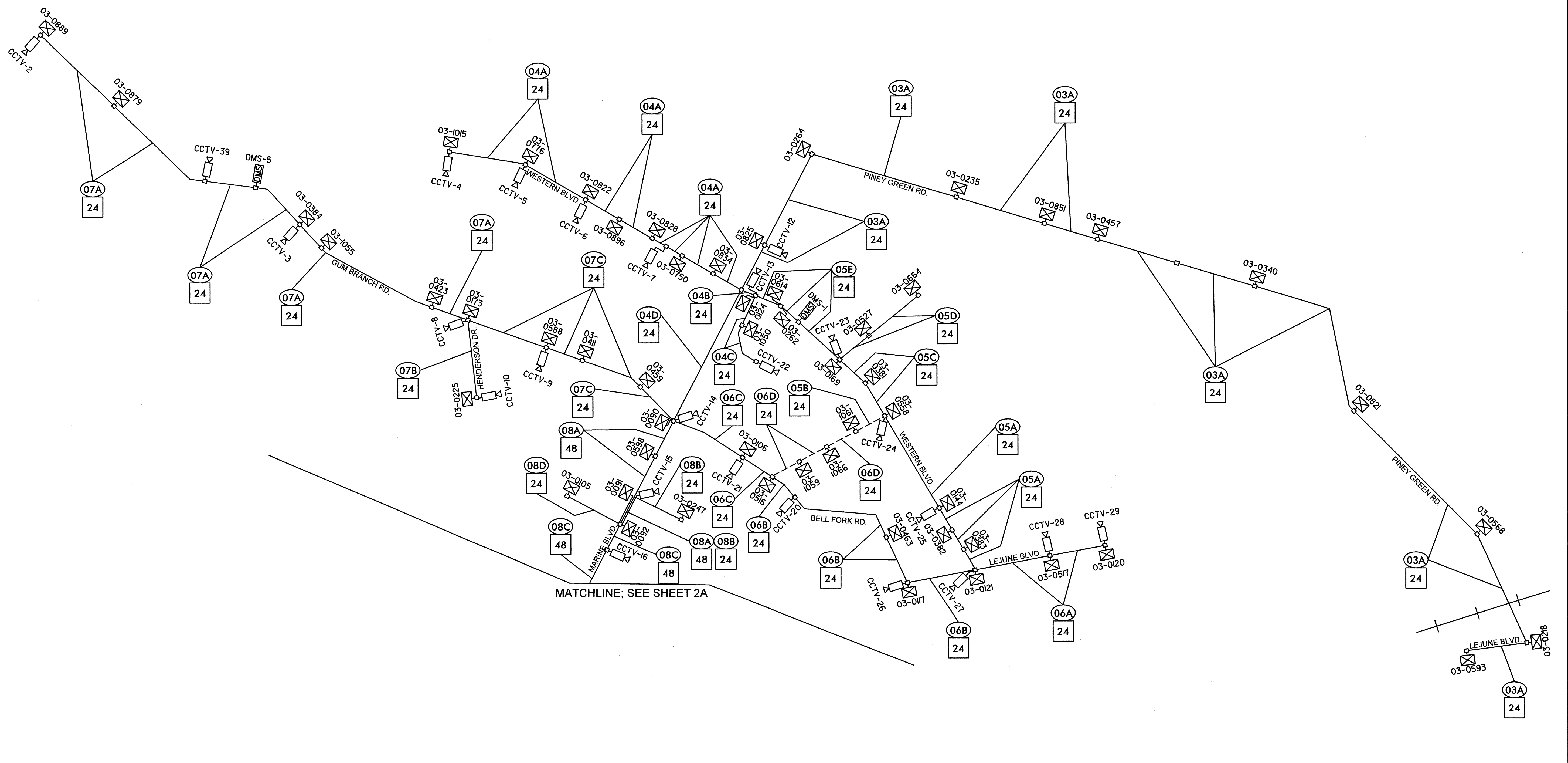
NOTES:

1. ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

7/20/2011  
\_SPLICING.dwg - Jax-001Adgn

PLANS PREPARED IN THE OFFICE OF:  
  
Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

 <small>750 N. Greenfield Pkwy., Garner, NC 27529</small>	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM LEGEND</b>		
	<small>ONSLOW COUNTY</small>		
SCALE 0  NONE	PLAN DATE: JULY 2011 PREPARED BY: _____ REVISIONS: _____ _____ _____	REVIEWED BY: _____ REVIEWED BY: _____ _____ _____	INIT. DATE _____ _____ _____ _____
	SIGNATURE	DATE	 7-20-11



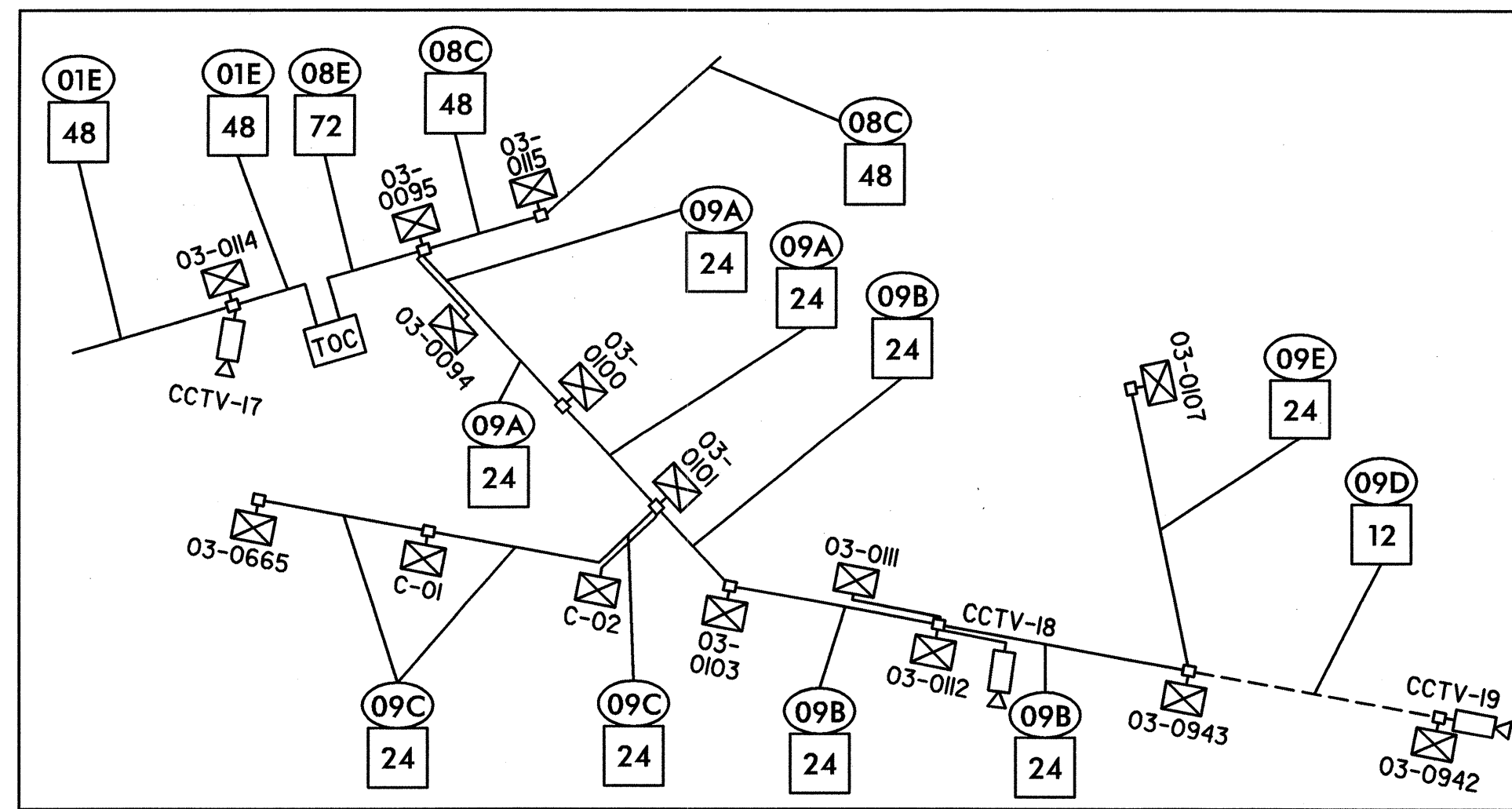
7/20/2011 8:11:58 AM \\spla\ic\h\m\l\loc-002.dgn

**LEGEND**

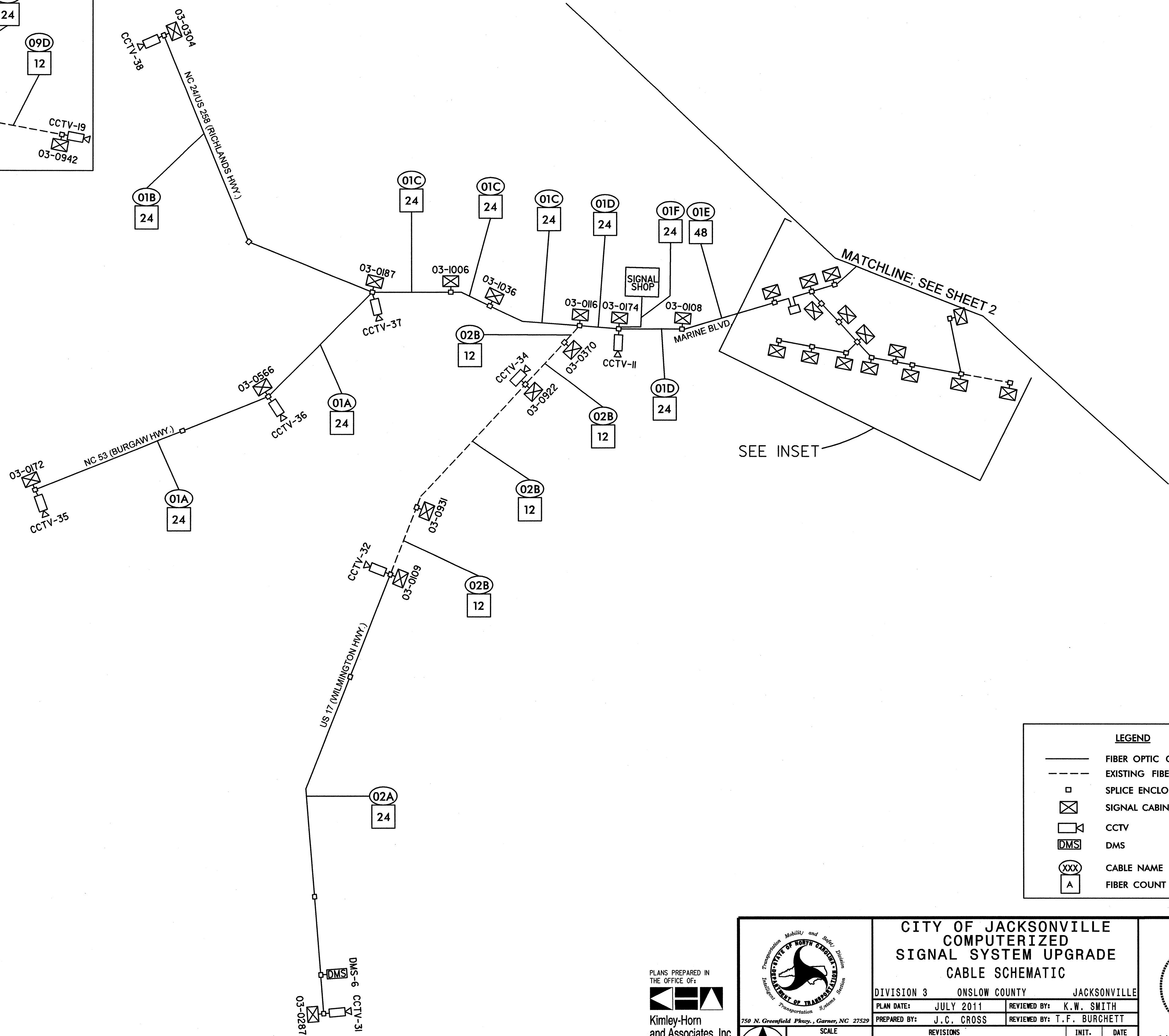
- FIBER OPTIC CABLE
- - - EXISTING FIBER OPTIC CABLE
- SPlice ENCLOSURE
- ⊠ SIGNAL CABINET
- ⊞ CCTV
- DMS DMS
- XXX CABLE NAME
- A FIBER COUNT

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh N.C. 27636-3068  
 (919) 677-2000

 750 N. Greenfield Pkwy., Garner, NC 27529	<b>CITY OF JACKSONVILLE          COMPUTERIZED          SIGNAL SYSTEM UPGRADE          CABLE SCHEMATIC</b>		SEAL  KEVIN W. SMITH
	DIVISION 3    ONSLOW COUNTY    JACKSONVILLE	PLAN DATE: JULY 2011    REVIEWED BY: K.W. SMITH	
PREPARED BY: J.C. CROSS    REVIEWED BY: T.F. BURCHETT	REVISIONS	INIT.    DATE	SIGNATURE    DATE
SCALE: 0' = 1"		CADD Filename:	



INSET



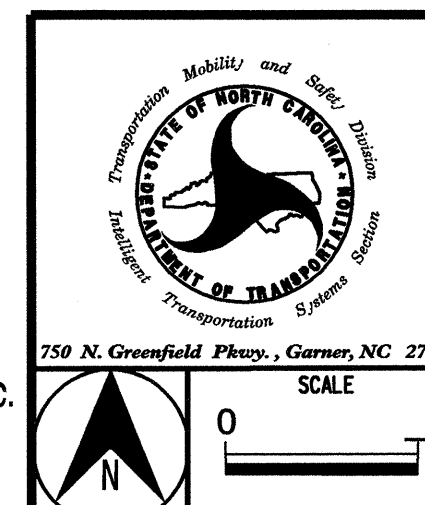
SEE INSET

**LEGEND**

- FIBER OPTIC CABLE
- - - EXISTING FIBER OPTIC CABLE
- SPLICE ENCLOSURE
- ⊠ SIGNAL CABINET
- ◻ CCTV
- DMS DMS
- ⊙ CABLE NAME
- A FIBER COUNT

7/25/2011 7:55 AM susan.perrington ...\$PLT\IC\New...\_loc-002A.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh N.C. 27636-3068  
 (919) 677-2000



**CITY OF JACKSONVILLE  
 COMPUTERIZED  
 SIGNAL SYSTEM UPGRADE  
 CABLE SCHEMATIC**

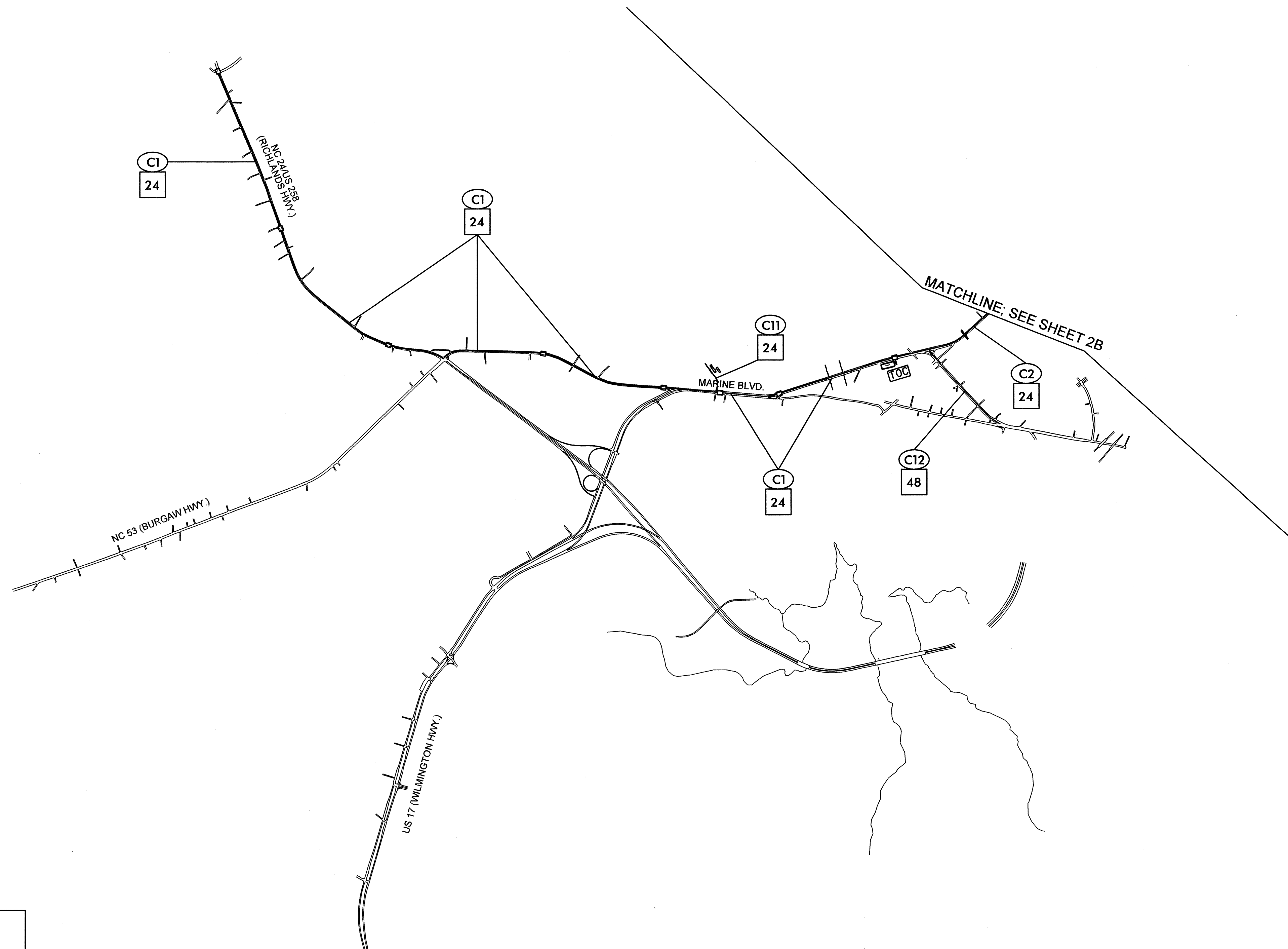
DIVISION 3		ONSLOW COUNTY		JACKSONVILLE	
PLAN DATE:	JULY 2011	REVIEWED BY:	K.W. SMITH		
PREPARED BY:	J.C. CROSS	REVIEWED BY:	T.F. BURCHETT		
REVISIONS	INIT.	DATE			

SEAL

ENGINEER  
 KEVIN W. SMITH  
 7-25-11  
 SIGNATURE DATE  
 CADD Filename:







7/20/2011 8:11:48 AM \\p1\proj\honeycutt\...SPL1C1\ING\nc\_1\nc-020c.dgn

LEGEND	
	FIBER OPTIC CABLE
	EXISTING FIBER OPTIC CABLE
	SPLICE ENCLOSURE
	SIGNAL CABINET
	CCTV
	DMS
	CABLE NAME
	FIBER COUNT

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh N.C. 27636-3068  
 (919) 677-2000

750 N. Greenfield Pkwy., Garner, NC 27529

<b>CITY OF JACKSONVILLE</b>			
<b>COMPUTERIZED SIGNAL SYSTEM UPGRADE</b>			
<b>CITY CABLE SCHEMATIC</b>			
DIVISION 3	ONSLOW COUNTY	JACKSONVILLE	
PLAN DATE:	JULY 2011	REVIEWED BY:	K.W. SMITH
PREPARED BY:	J.C. CROSS	REVIEWED BY:	T.F. BURCHETT
REVISIONS	INIT.	DATE	

SEAL

*Kevin W. Smith* 7-20-11  
 SIGNATURE DATE  
 CAD File Name:

SPLICE ENCLOSURE AT  
BURGAW HWY AND  
MURRILL HILL RD  
03-0172  
CCTV-35

**LEGEND**

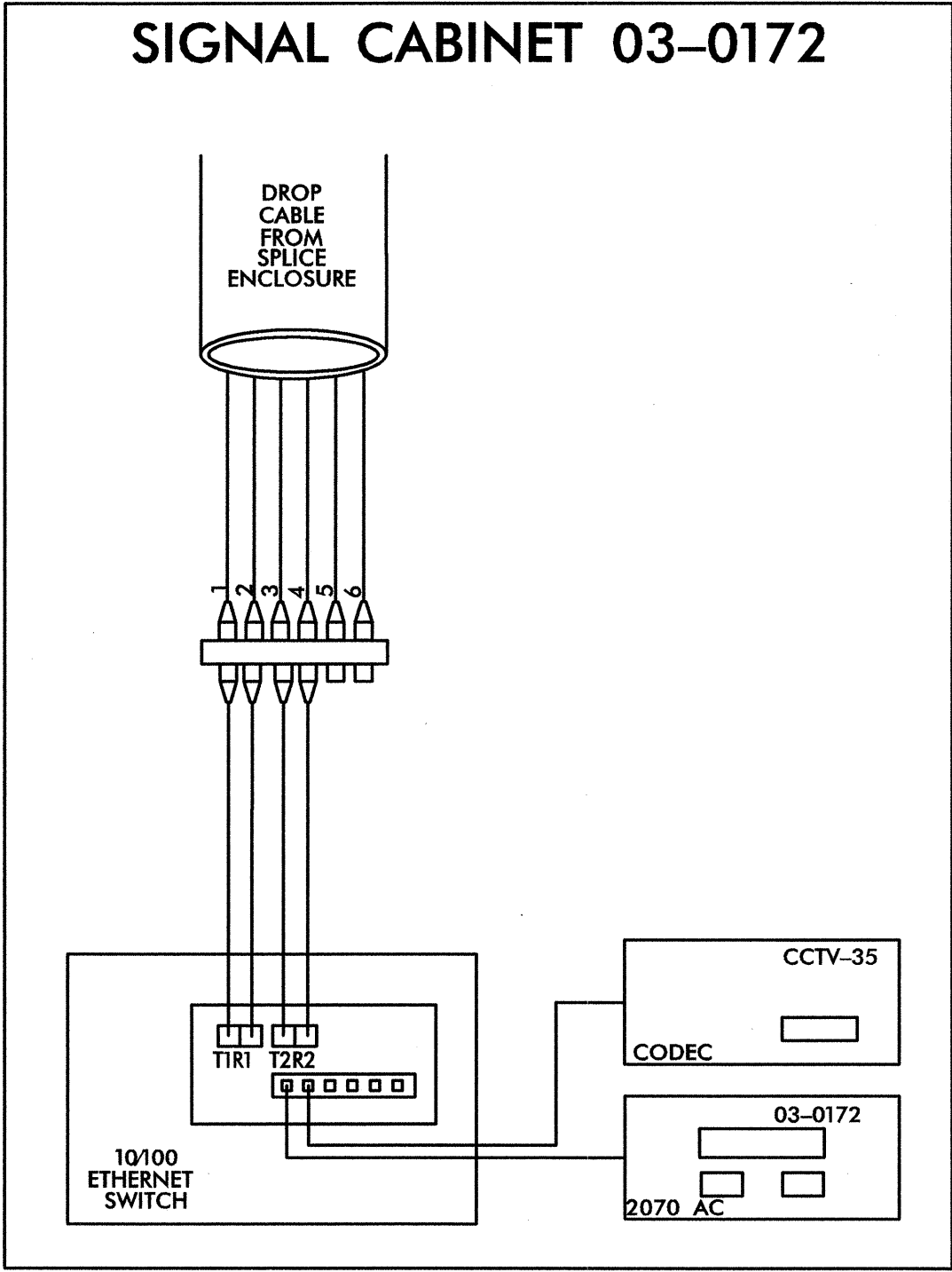
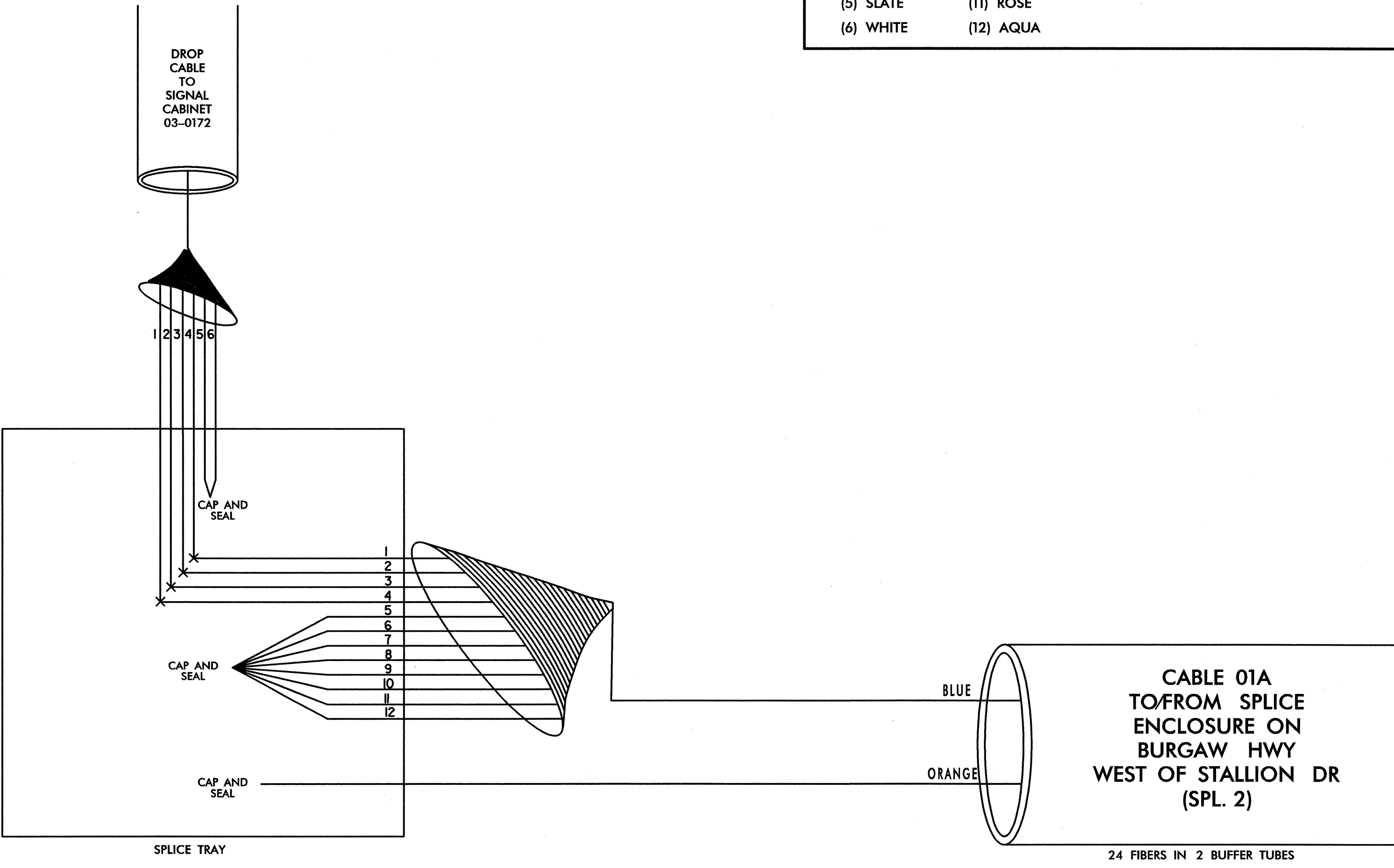
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**COLOR CODE**  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

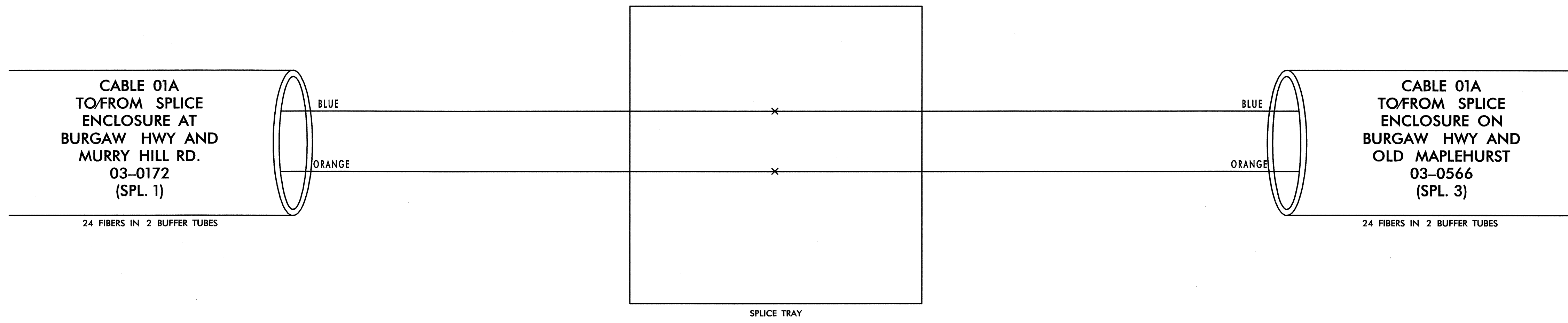
PLANS PREPARED IN THE OFFICE OF:

Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE</b> <b>COMPUTERIZED SIGNAL SYSTEM</b> <b>SPLICE DIAGRAM</b>	
	GROUP 1 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY: REVIEWED BY:
SCALE 0 NONE	REVISIONS INIT. DATE	SIGNATURE DATE 7-20-2011

**SPLICE ENCLOSURE  
ON BURGAW HWY  
WEST OF STALLION DR**

<b>COLOR CODE TIA/EIA 598-A</b>		<b>LEGEND</b>	
(1) BLUE	(7) RED	ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.	
(2) ORANGE	(8) BLACK	X - FUSION SPLICE INDIVIDUAL FIBER	
(3) GREEN	(9) YELLOW	<b>BUFFER TUBE</b> SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED	
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		



7/20/2011 11:51:00 AM \ASPLACING\jox\_spl\_002.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 1	ONSLAW COUNTY	
PLAN DATE:	JULY 2011	REVIEWED BY:	
PREPARED BY:		REVIEWED BY:	
SCALE	0	INIT.	DATE
NONE			
SIGNATURE		DATE	
		7-20-2011	



**SPLICE ENCLOSURE AT  
BURGAW HWY AND  
OLD MAPLEHURST  
03-0566  
CCTV-36**

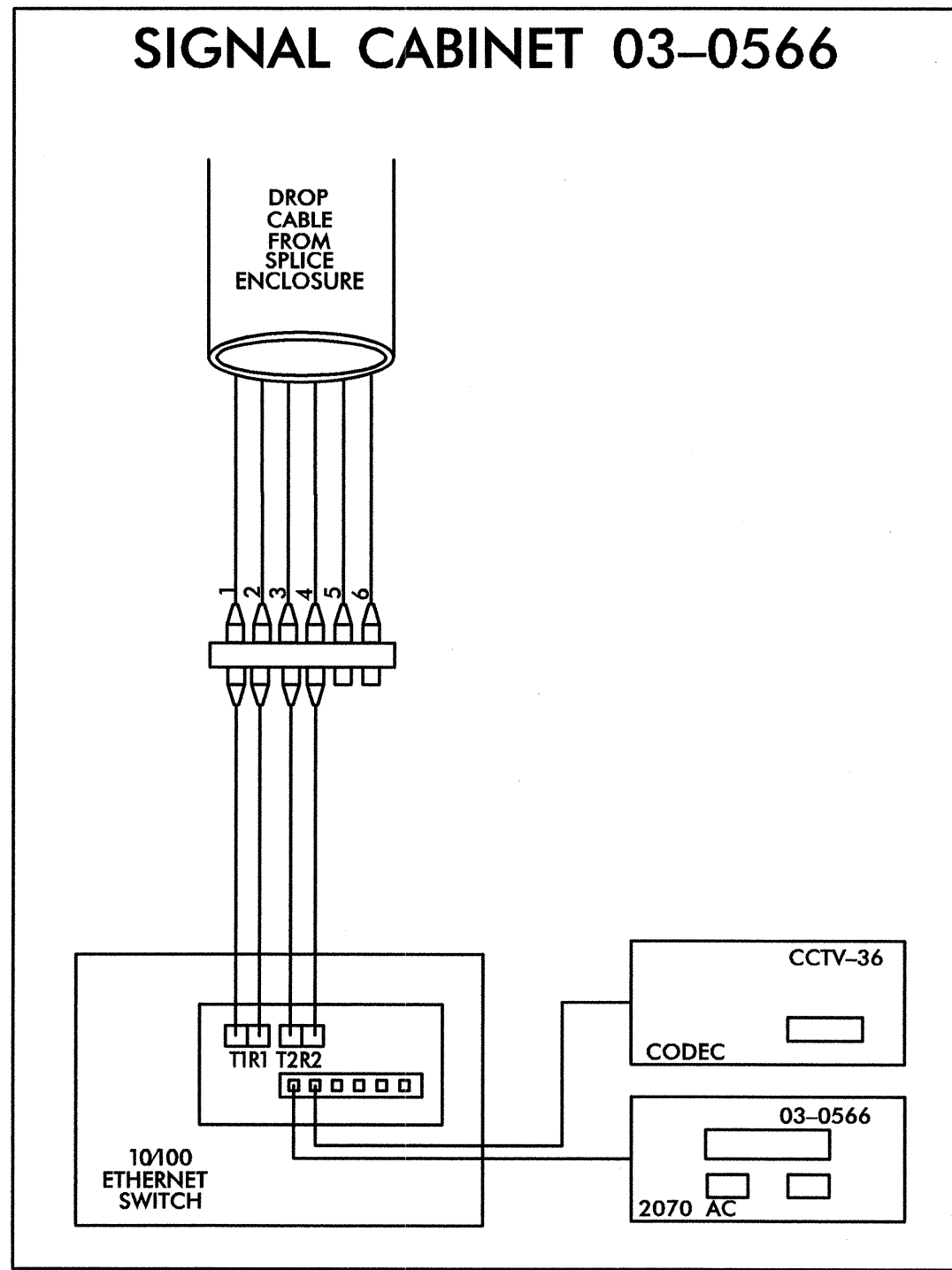
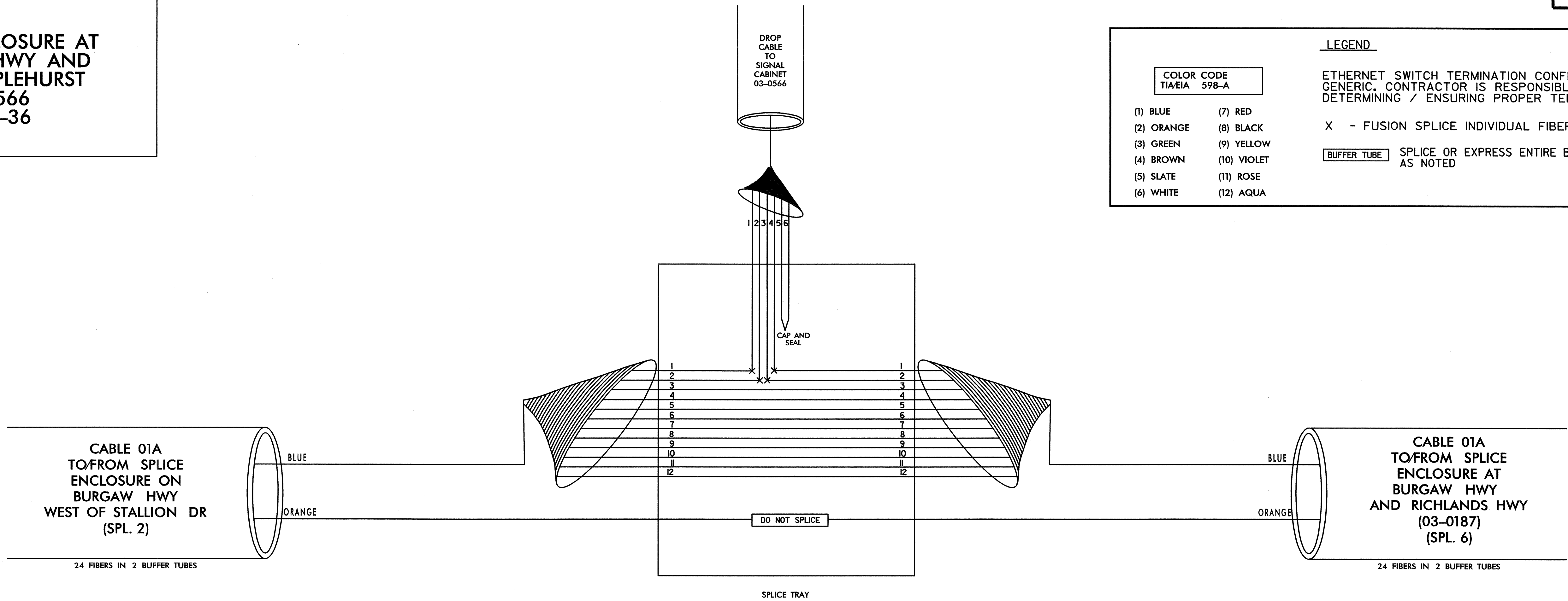
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

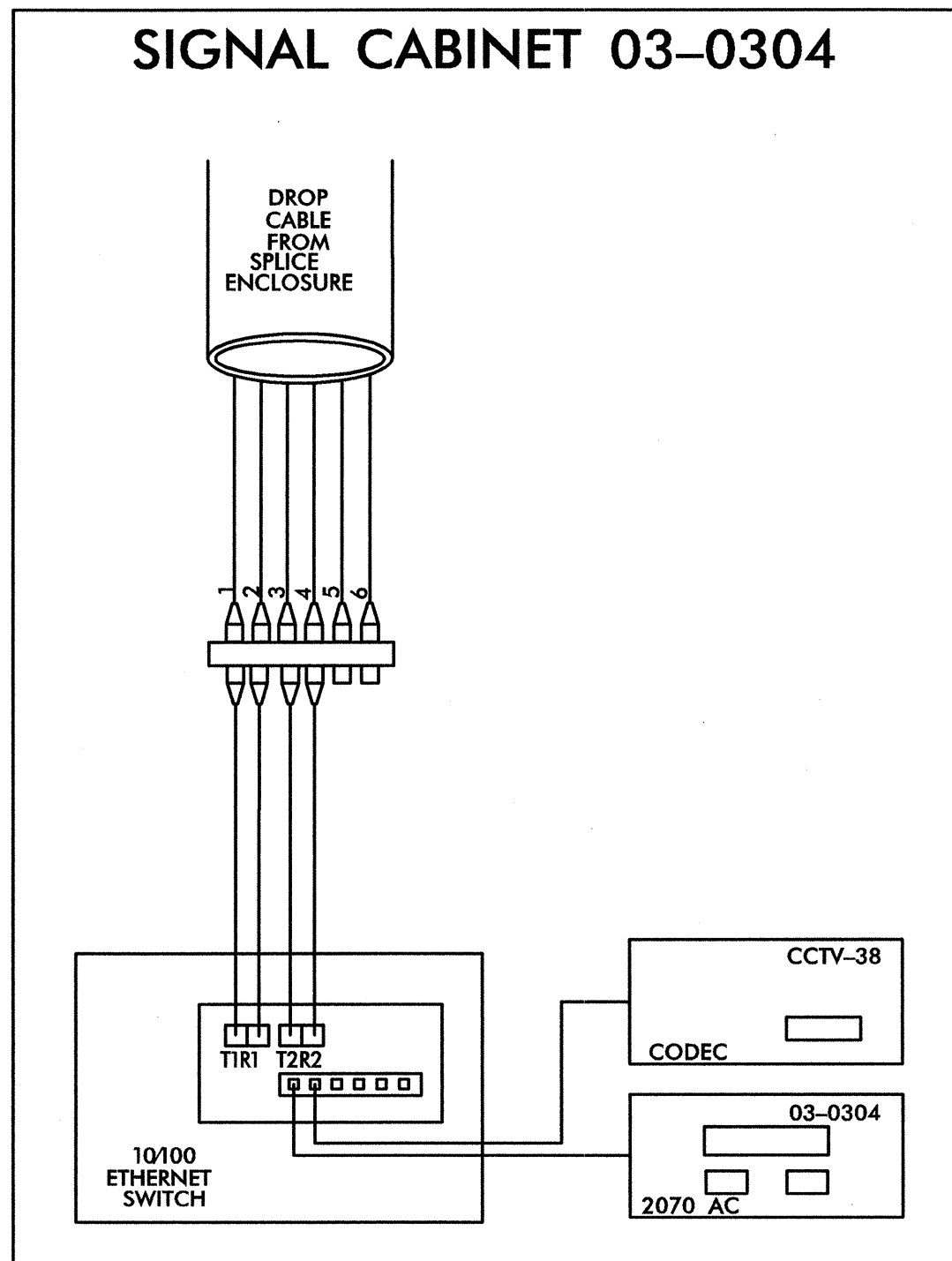
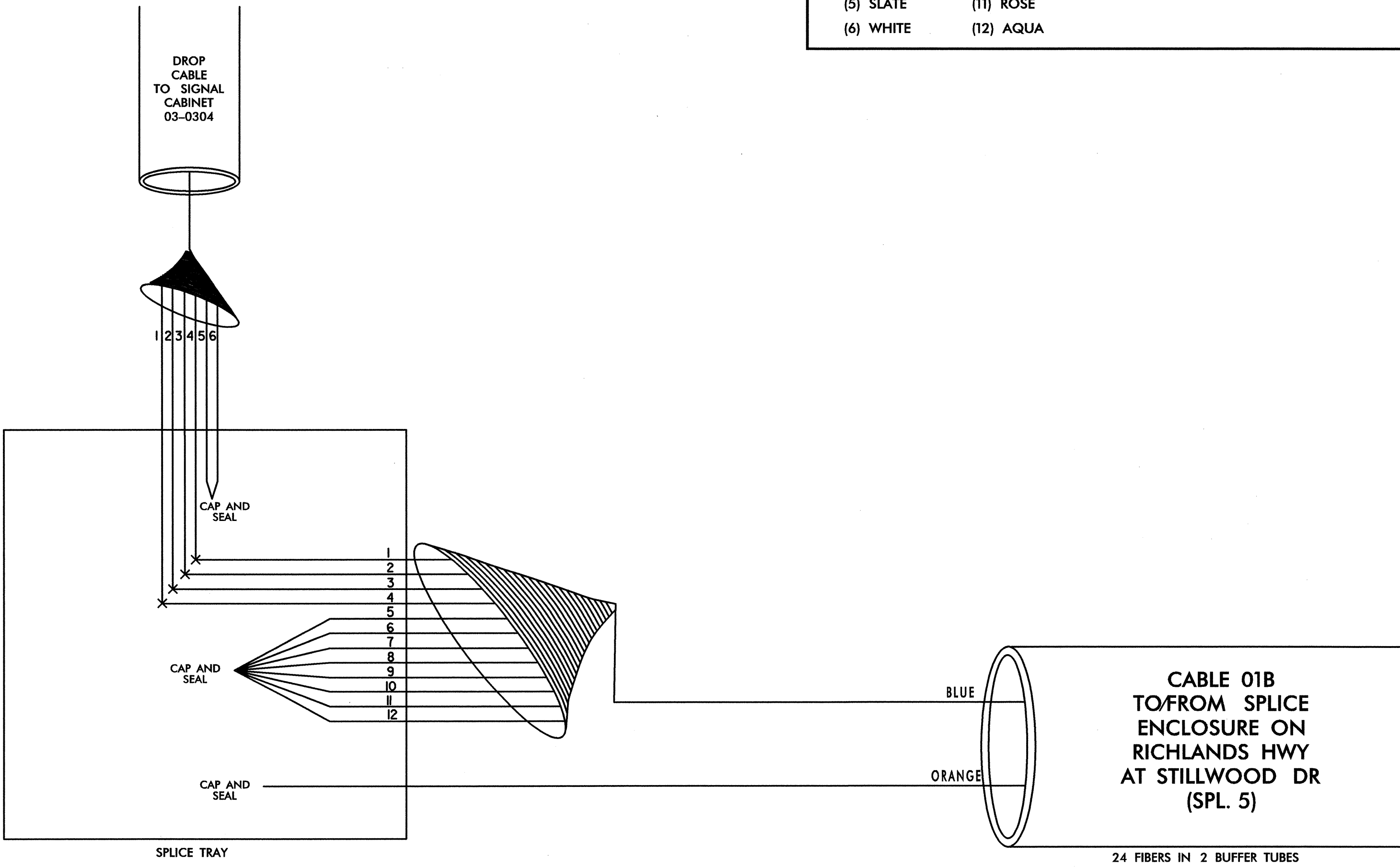
	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 1	ONSLOW COUNTY	
PLAN DATE:	JULY 2011	REVIEWED BY:	
PREPARED BY:		REVIEWED BY:	
SCALE	0	REVISIONS	INIT. DATE
NONE			
			 7.20.2011 SIGNATURE DATE

**SPLICE ENCLOSURE AT  
 RICHLANDS HWY AND  
 PONY FARM RD  
 03-0304  
 CCTV-38**

**LEGEND**

<b>COLOR CODE          TIA/EIA 598-A</b>		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE (2) ORANGE (3) GREEN (4) BROWN (5) SLATE (6) WHITE	(7) RED (8) BLACK (9) YELLOW (10) VIOLET (11) ROSE (12) AQUA	

X - FUSION SPLICE INDIVIDUAL FIBER  
 [BUFFER TUBE] SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



**TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.**

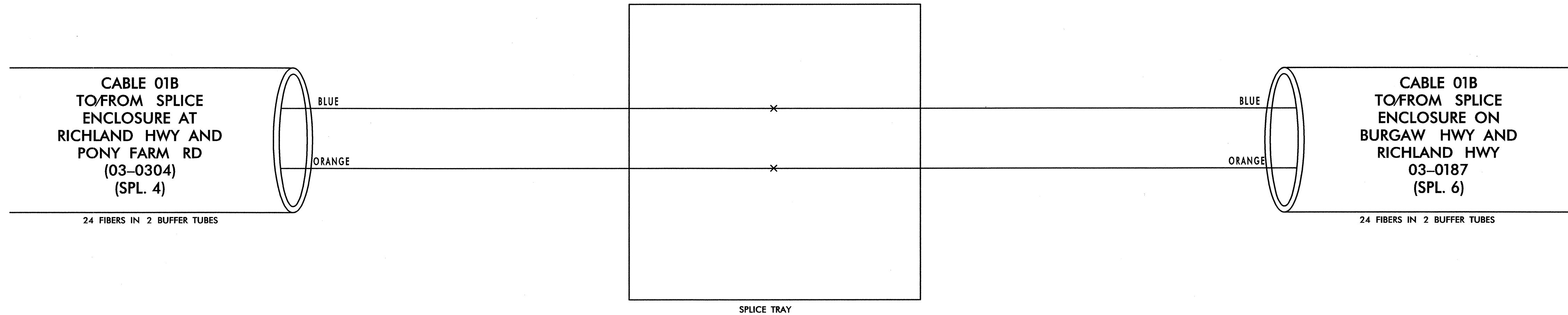
7/20/2011 1:51:06 PM \_ASPLICING\jax\_spl\_004.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

	<b>CITY OF JACKSONVILLE          COMPUTERIZED SIGNAL SYSTEM          SPLICE DIAGRAM</b>		
	GROUP 1 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY:	
SCALE 0 NONE		REVISIONS	INIT. DATE
SIGNATURE:		DATE: 7/20/2011	DATE:

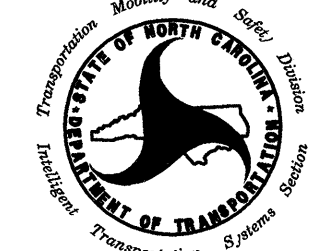
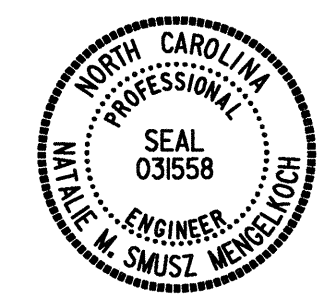
**SPLICE ENCLOSURE  
ON RICHLANDS HWY  
AT STILLWOOD DR**

COLOR CODE TIA/EIA 598-A		LEGEND
(1) BLUE	(7) RED	ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(2) ORANGE	(8) BLACK	
(3) GREEN	(9) YELLOW	
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	
		X - FUSION SPLICE INDIVIDUAL FIBER
		<span style="border: 1px solid black; padding: 2px;">BUFFER TUBE</span> SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



7/20/2011 10:51:00 AM SPLICING\_jax\_spl\_005.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

 <small>750 N. Greenfield Pkwy., Garner, NC 27529</small>	<b>CITY OF JACKSONVILLE</b>		 <small>SEAL 031558</small> <small>ENGINEER M. SMUSZ NEWEL, NC</small>
	<b>COMPUTERIZED SIGNAL SYSTEM</b>		
<b>SPLICE DIAGRAM</b>		GROUP 1	ONSLOW COUNTY
PLAN DATE:	JULY 2011	REVIEWED BY:	
PREPARED BY:		REVIEWED BY:	
SCALE		REVISIONS	INIT. DATE
0 NONE			
		SIGNATURE	DATE
			7.20.2011

**SPLICE ENCLOSURE AT  
BURGAW HWY. AND  
RICHLANDS HWY  
03-0187  
CCTV-37**

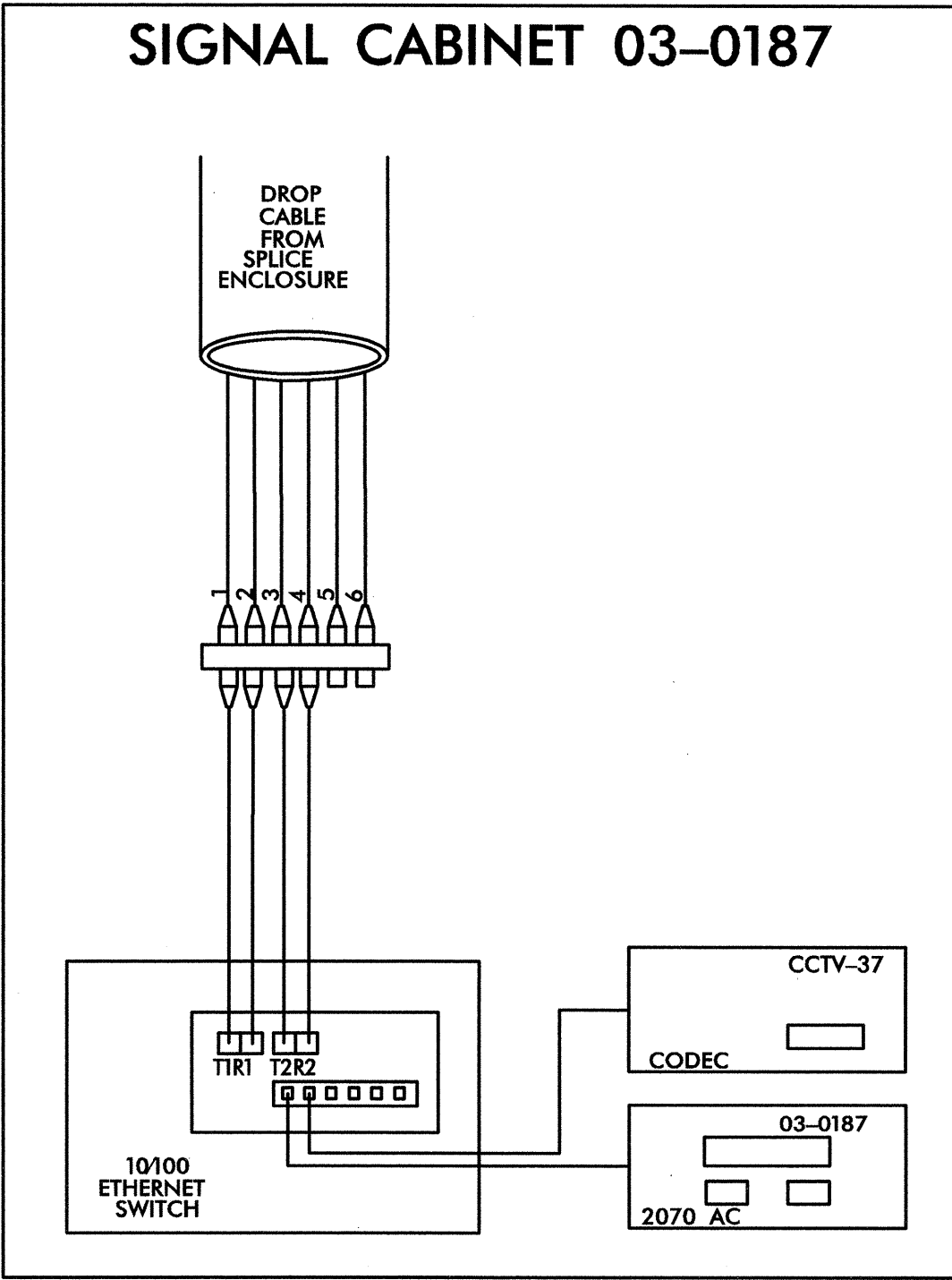
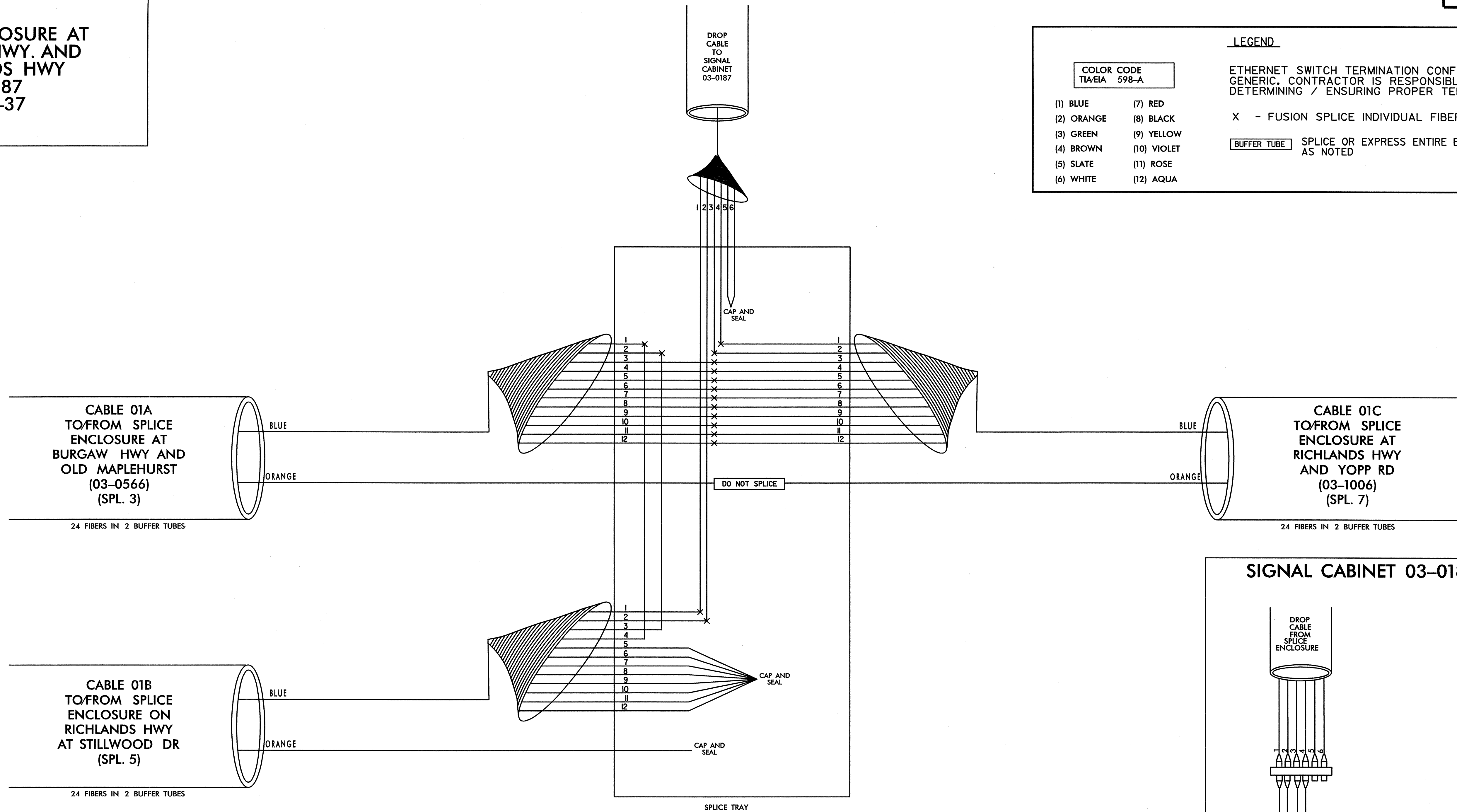
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 1	ONSLAW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	INIT.	DATE
PREPARED BY:	REVISIONS	INIT.	DATE
		SIGNATURE: <i>M. Smutz</i> DATE: 7-20-2011	

7/20/2011 \\SP\CHING\jax\_spl\_006.dgn



**SPLICE ENCLOSURE AT  
RICHLANDS HWY  
AND YOPP RD  
03-1006**

**LEGEND**

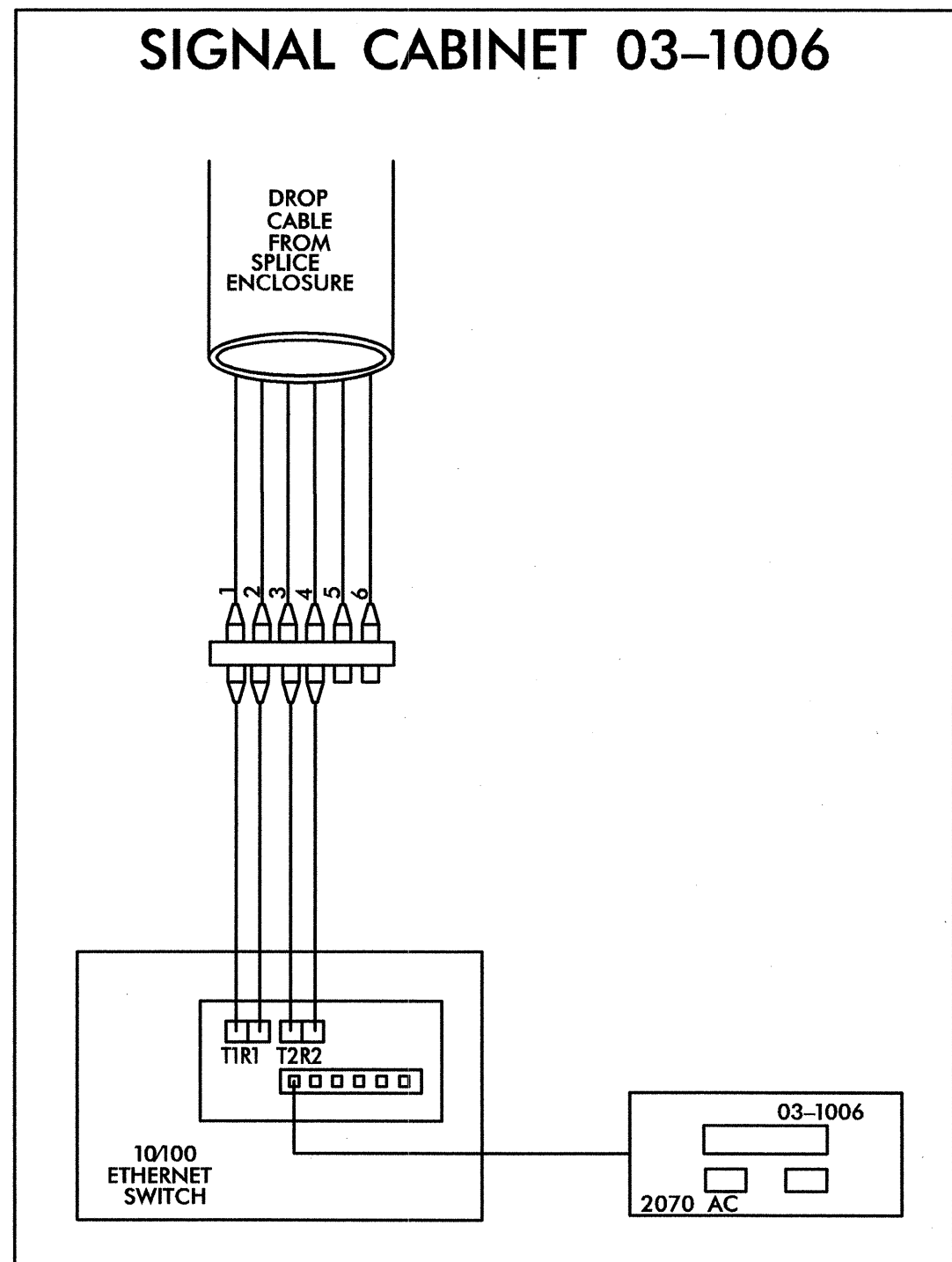
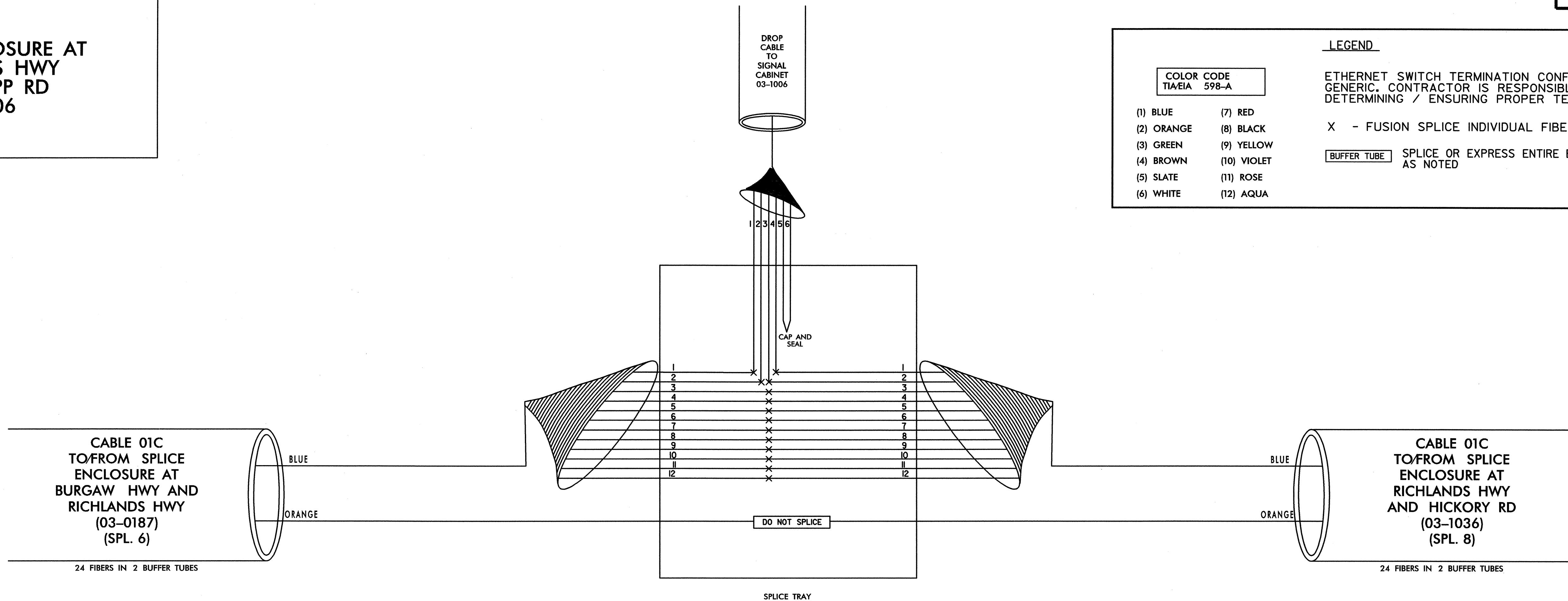
COLOR CODE  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE  
GENERIC. CONTRACTOR IS RESPONSIBLE FOR  
DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE  
AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN  
THE OFFICE OF:  
**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh, NC, 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 1	ONSLAW COUNTY	
PLAN DATE:	JULY 2011	REVIEWED BY:	
PREPARED BY:		REVIEWED BY:	
SCALE	0	REVISIONS	
NONE		INIT.	DATE
			7.20.2011

7/20/2011 1:51:10 PM \\splicing\jox\_sp\_d007.dgn

**SPLICE ENCLOSURE AT  
RICHLANDS HWY.  
AND HICKORY RD.  
03-1036**

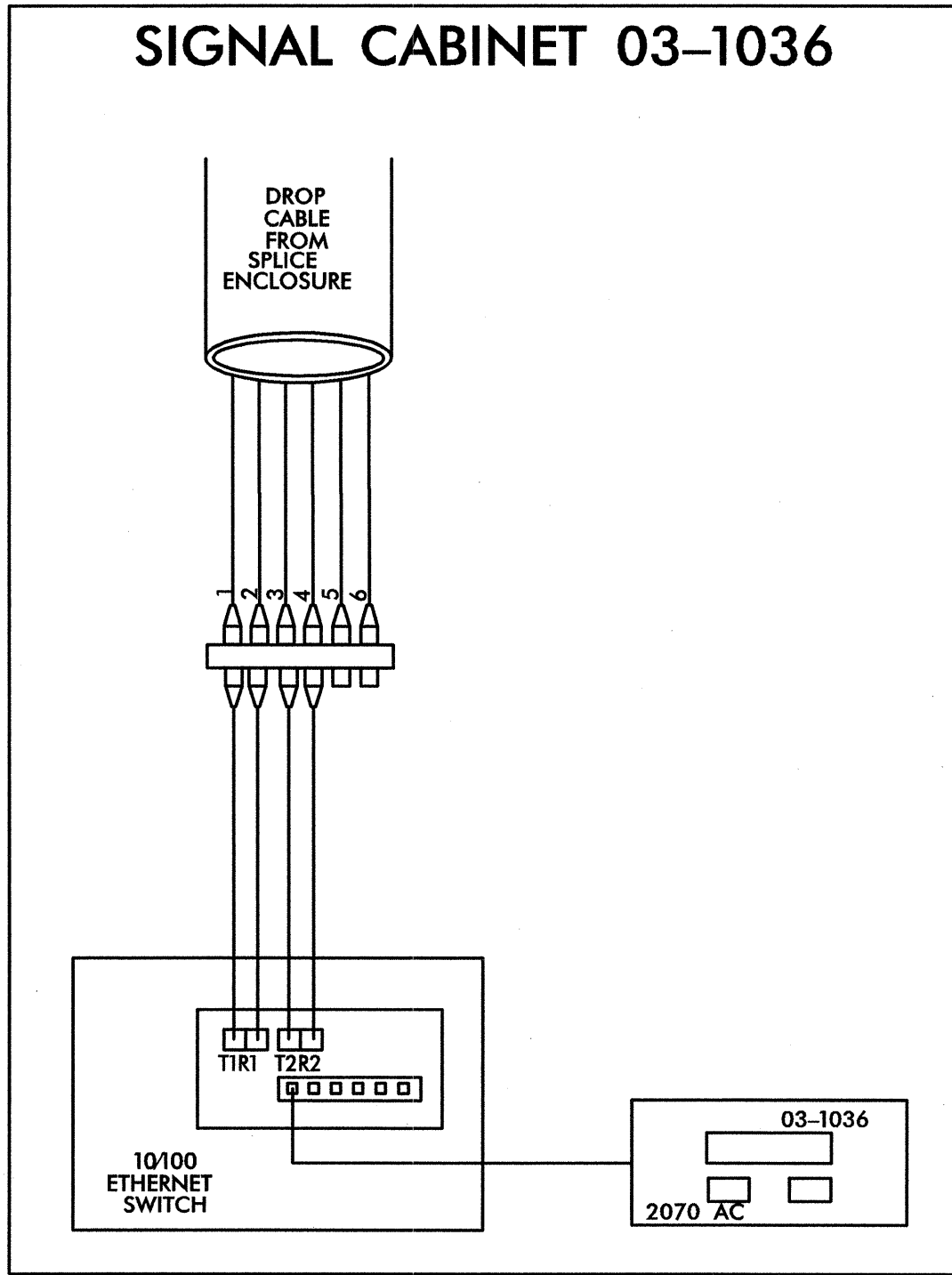
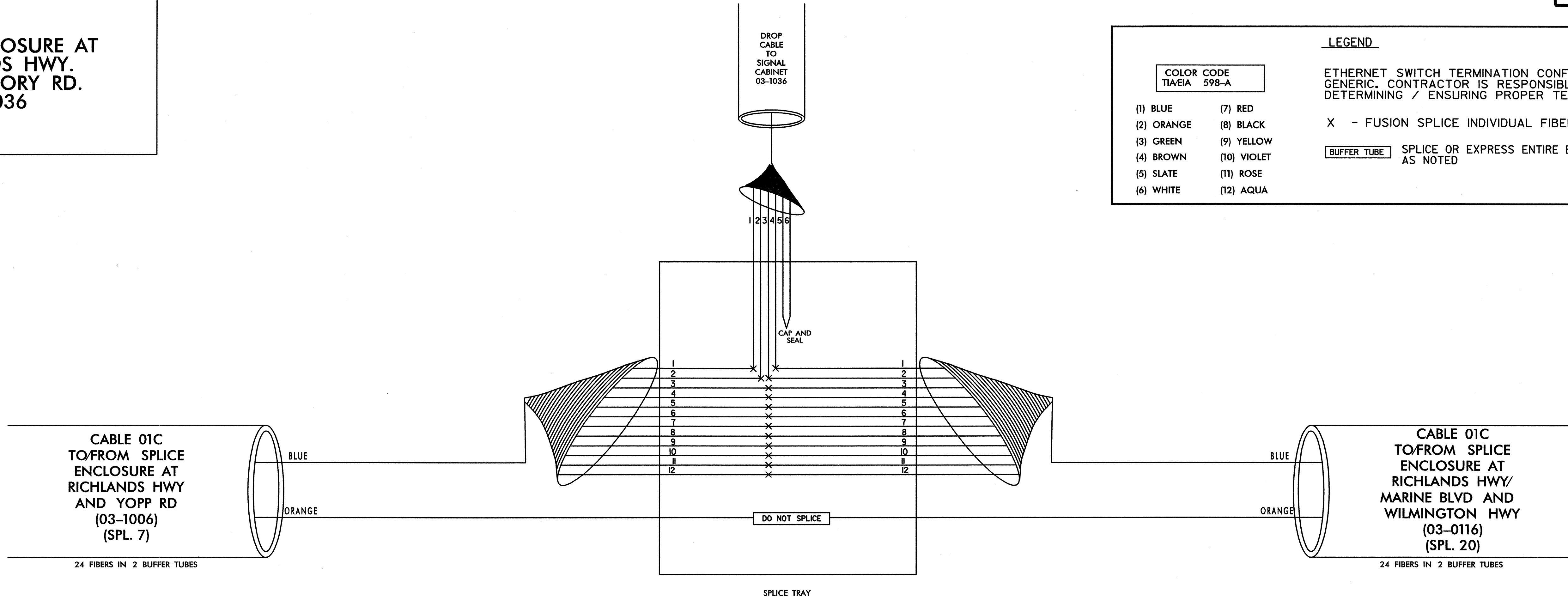
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 1	ONSLOW COUNTY	
PLAN DATE:	JULY 2011	REVIEWED BY:	
PREPARED BY:		REVIEWED BY:	
SCALE	0	REVISIONS	INIT. DATE
NONE			

SIGNATURE: *[Signature]* DATE: 7.20.2011

7/20/2011 1:51:01 PM \\jacksonville\jackson\sp\_008.dgn

**SPLICE ENCLOSURE AT  
S MARINE BLVD AND  
GEORGETOWN RD  
03-0174  
CCTV-11**

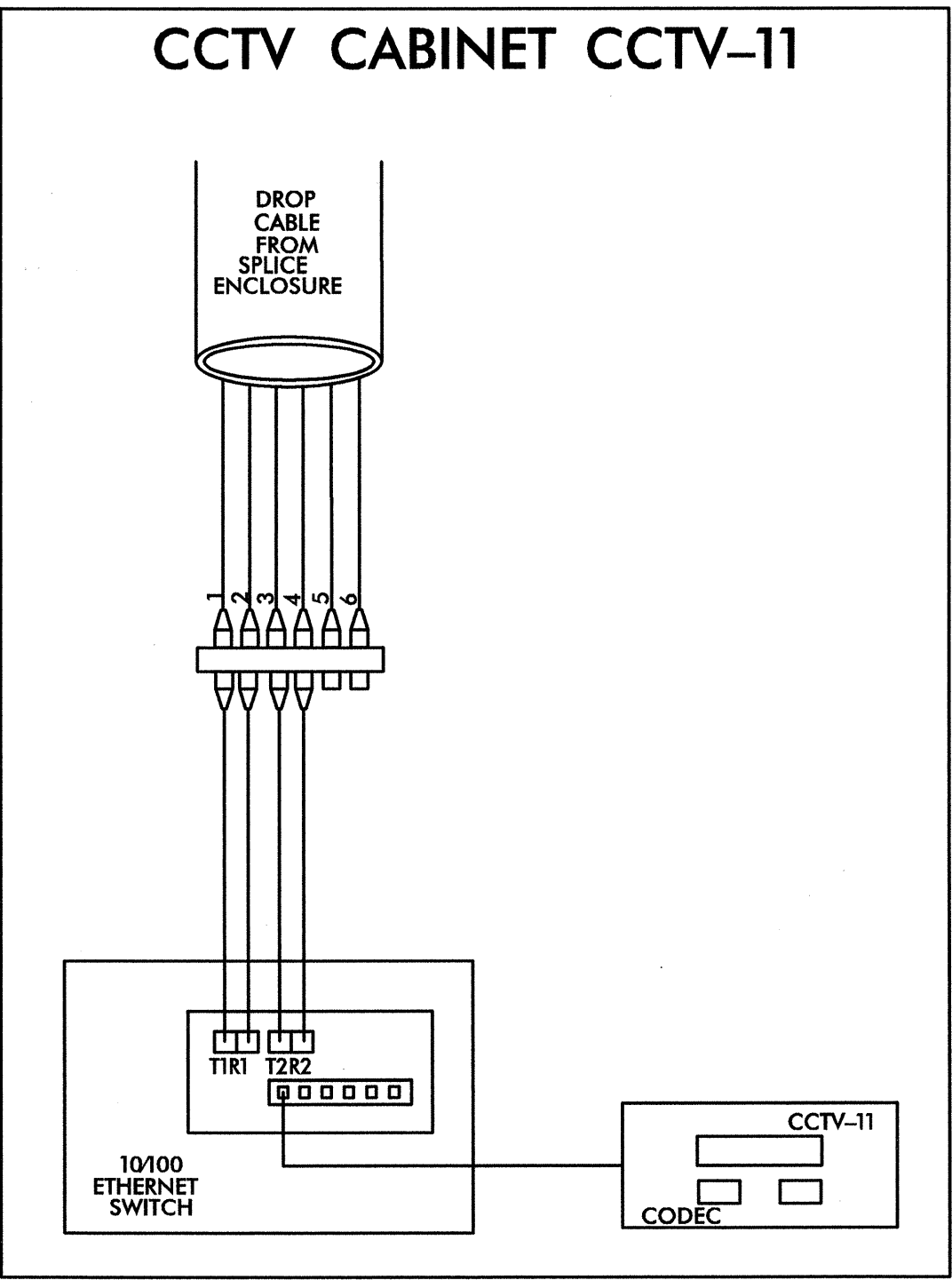
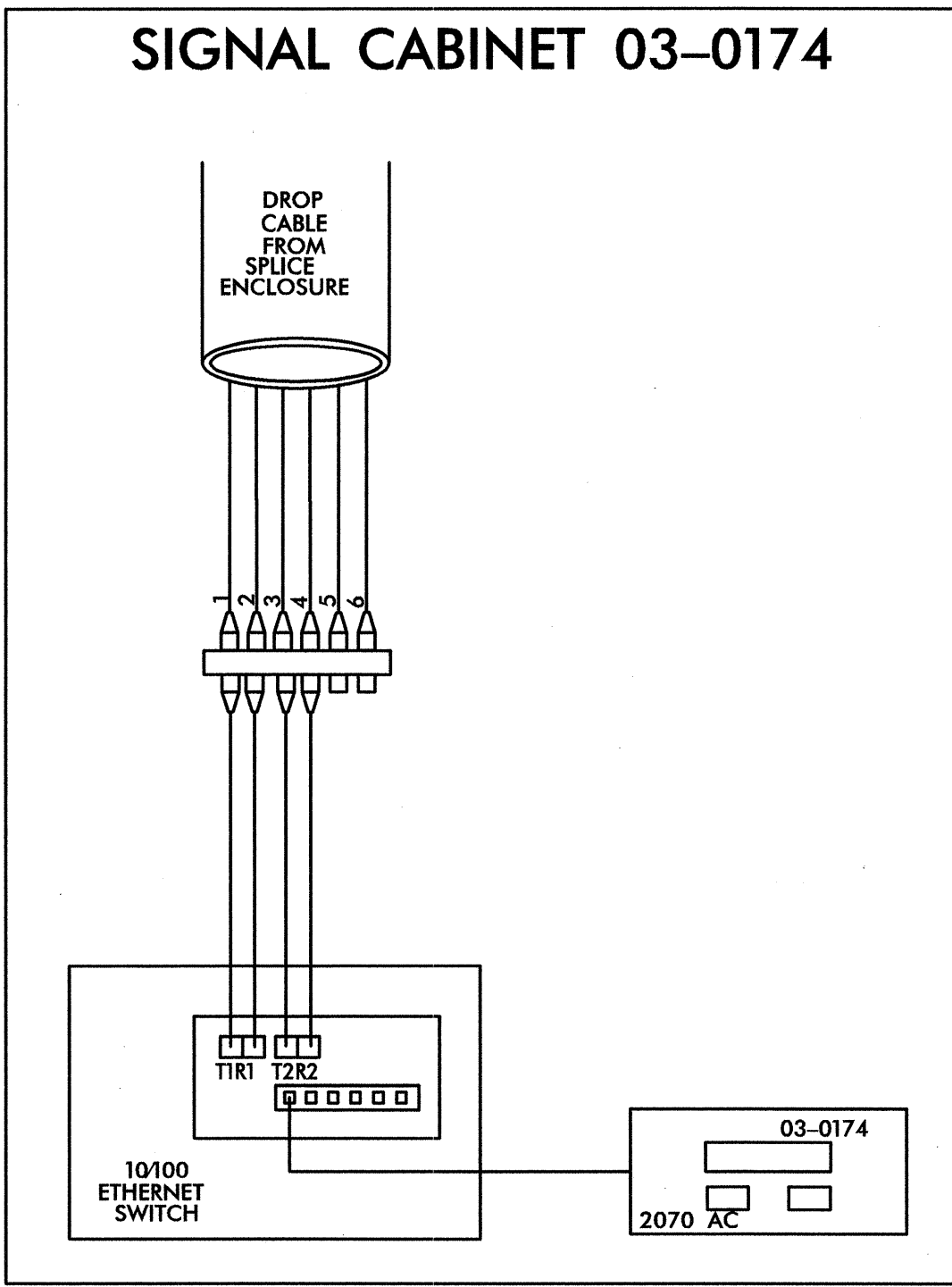
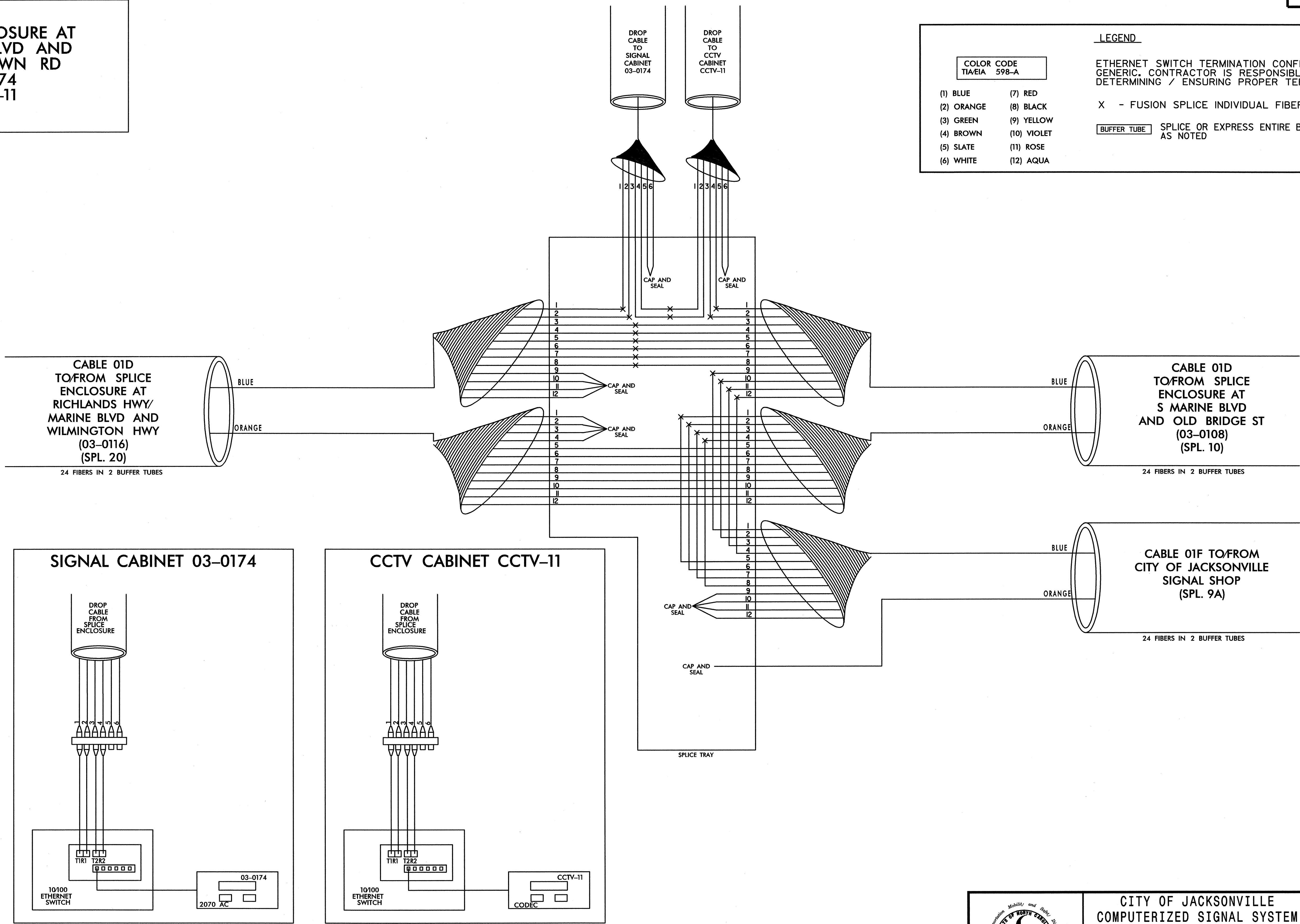
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 1 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

SCALE: 0 NONE

REVISIONS: INIT. DATE

SIGNATURE: DATE: 7.26.11

Professional Engineer Seal: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 031558

7/25/2011  
SPLACING\ax\_spl\_009.dgn

CITY OF JACKSONVILLE  
SIGNAL SHOP

**COLOR CODE**  
TIA/EIA 598-A

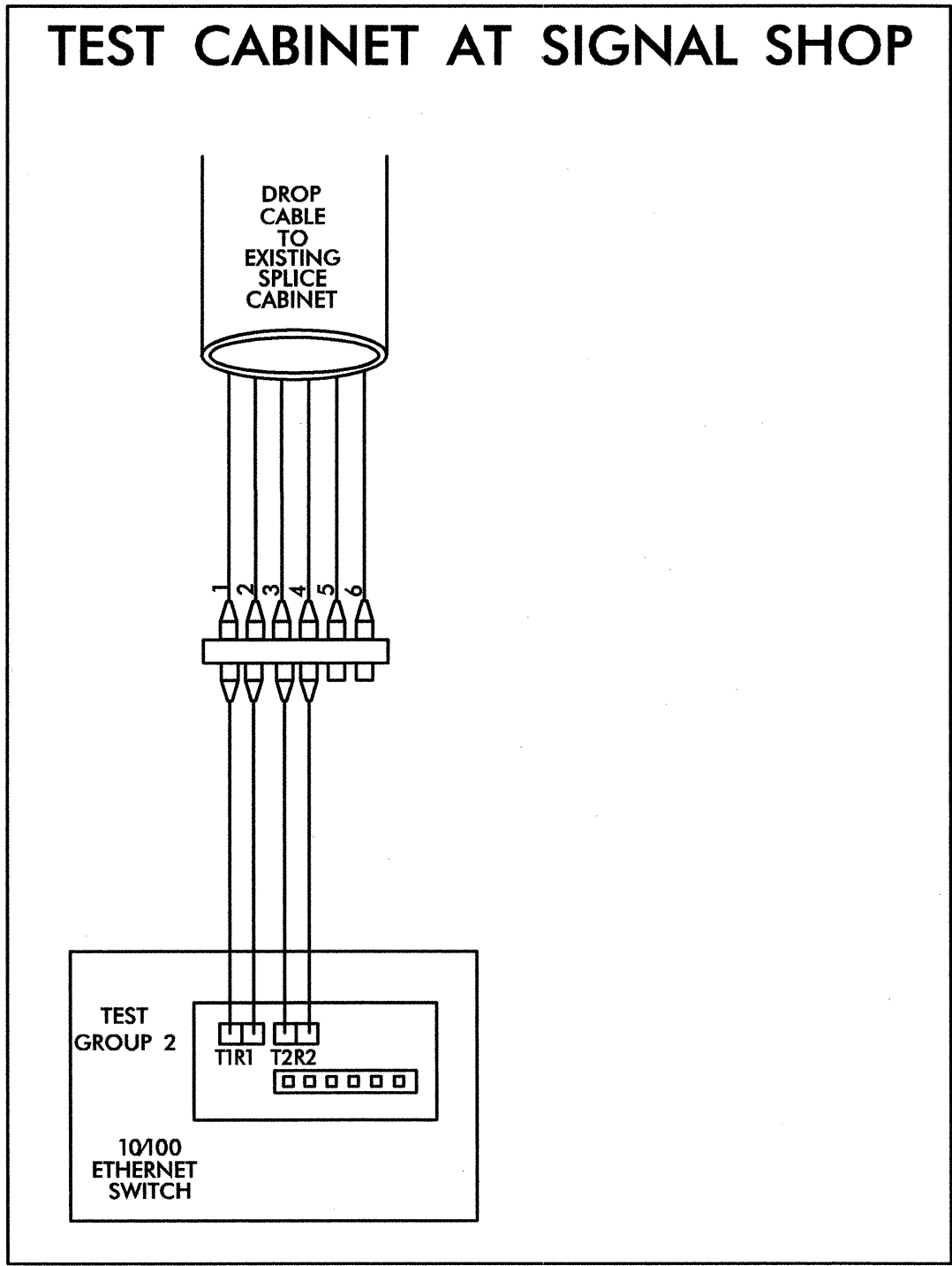
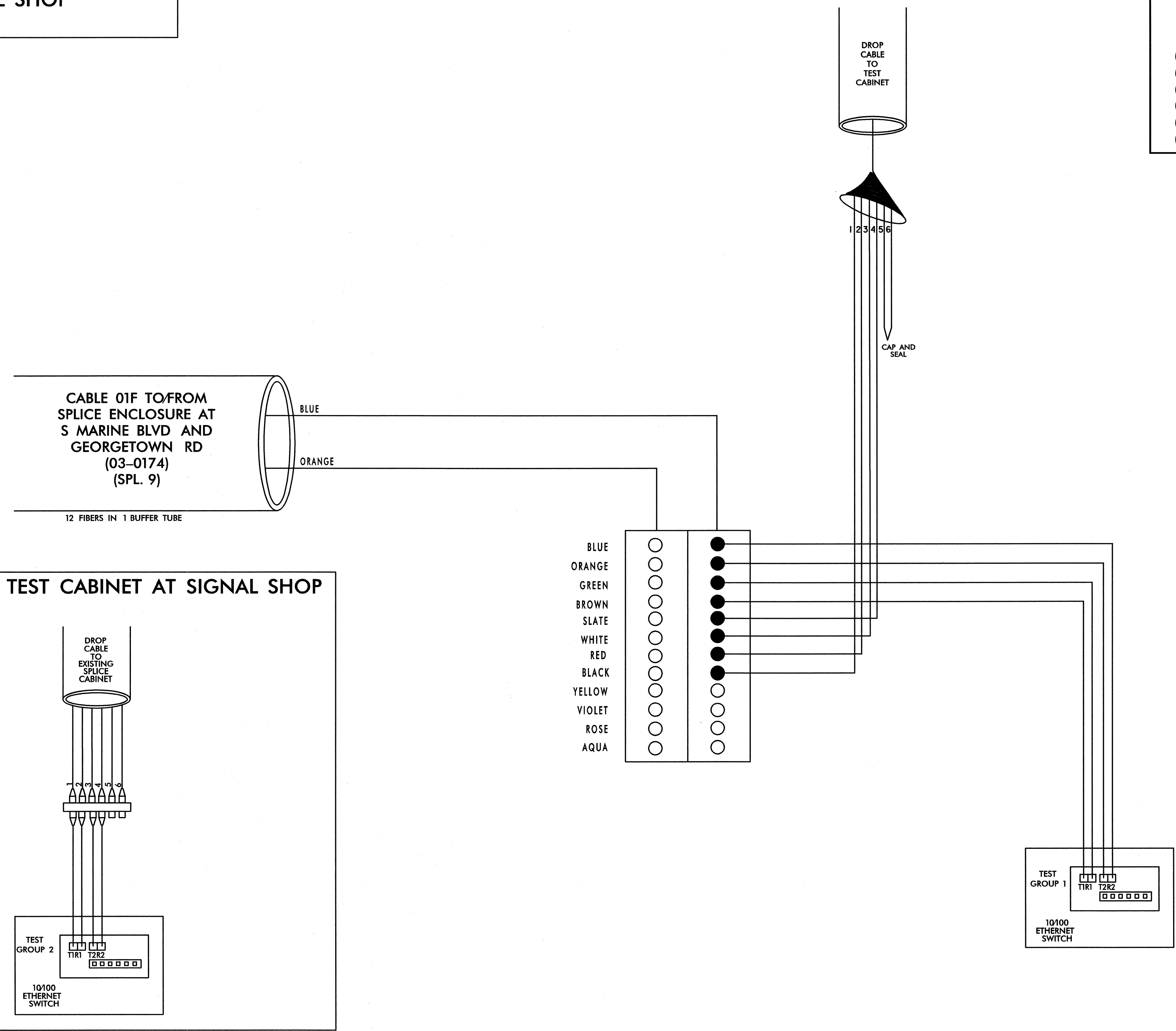
(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



1. TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.  
 2. SEE DETAIL 2AG FOR SHOP LAYOUT.  
 3. EXISTING SPlicing AND TERMINATIONS NOT SHOWN AND TO REMAIN AS IS.

PLANS PREPARED IN THE OFFICE OF:  
  
 Kimley-Horn and Associates, Inc.  
 P.O. Box 33068  
 Raleigh N.C. 27636-3068  
 (919) 677-2000

 STATE OF NORTH CAROLINA PROFESSIONAL ENGINEER NAME: M. SMISZ MEMBER NO. 1008	CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM	
	GROUP 2 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY: REVIEWED BY:
SCALE 0 NONE	REVISIONS INIT. DATE	SIGNATURE DATE  7/20/2011

7/20/2011 \\SPlicing\jax\_spl\_009A.dgn



**SPLICE ENCLOSURE AT  
S MARINE BLVD AND  
OLD BRIDGE ST  
03-0108**

**LEGEND**

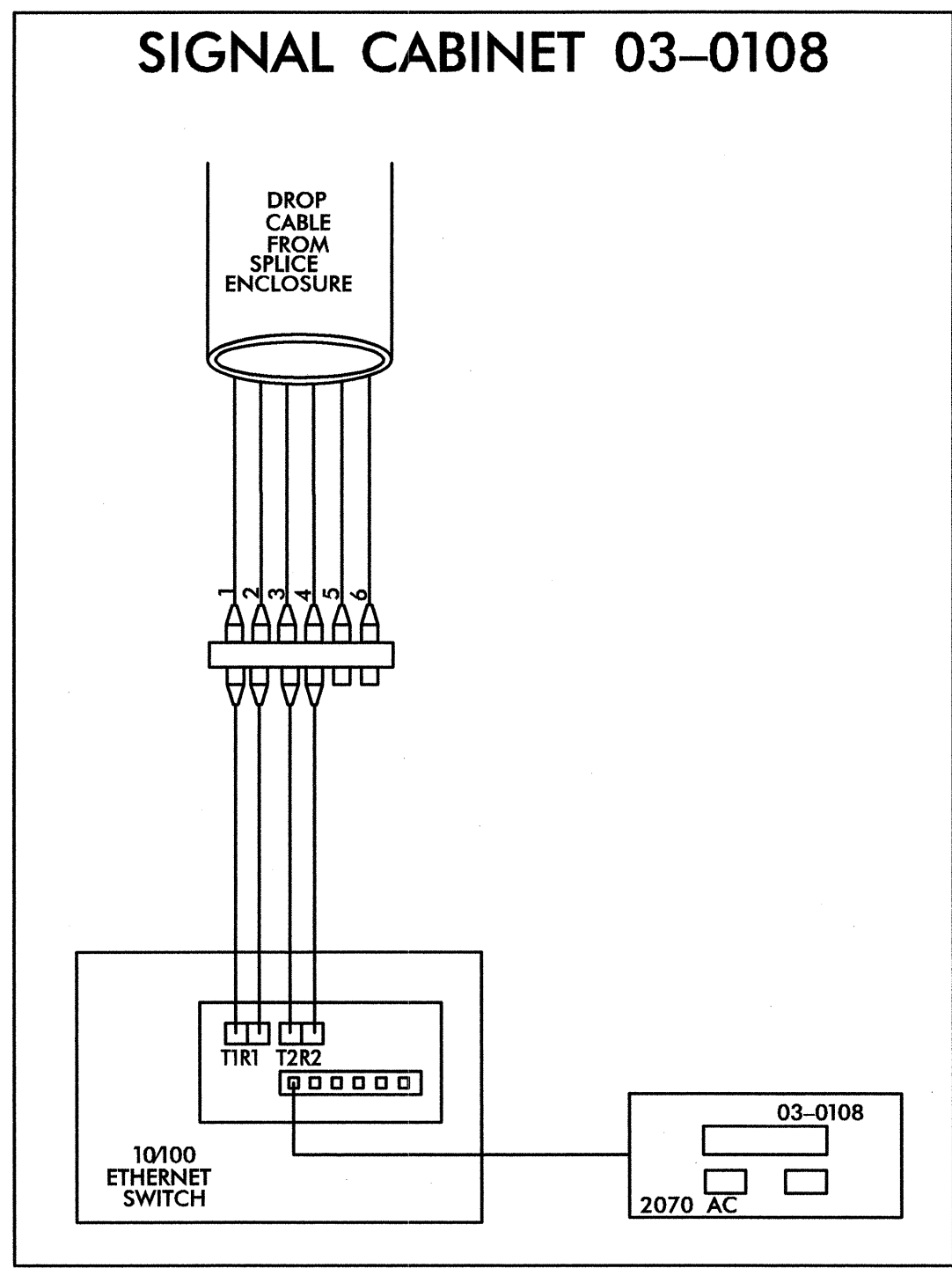
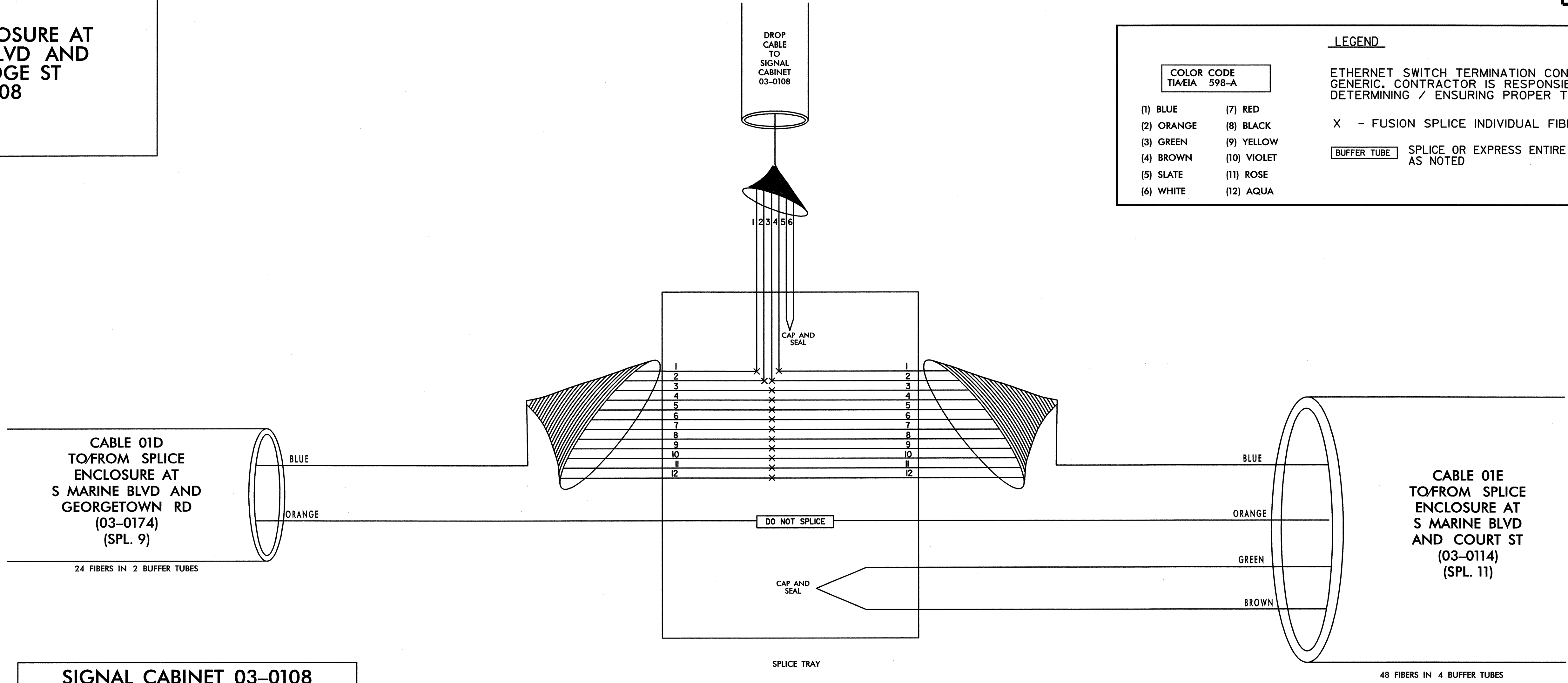
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**COLOR CODE  
TIA/EIA 598-A**

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



**TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.**

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 1	ONSLow COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	INIT.	DATE
PREPARED BY:	REVISIONS	INIT.	DATE
SCALE: 0 NONE		SIGNATURE: <i>[Signature]</i> DATE: 7.30.2011	

7/20/2011 11:51:16 AM \\splicing\jox\_spl\_010.dgn

**SPLICE ENCLOSURE AT  
S MARINE BLVD  
AND COURT ST  
03-0114  
CCTV-17**

**LEGEND**

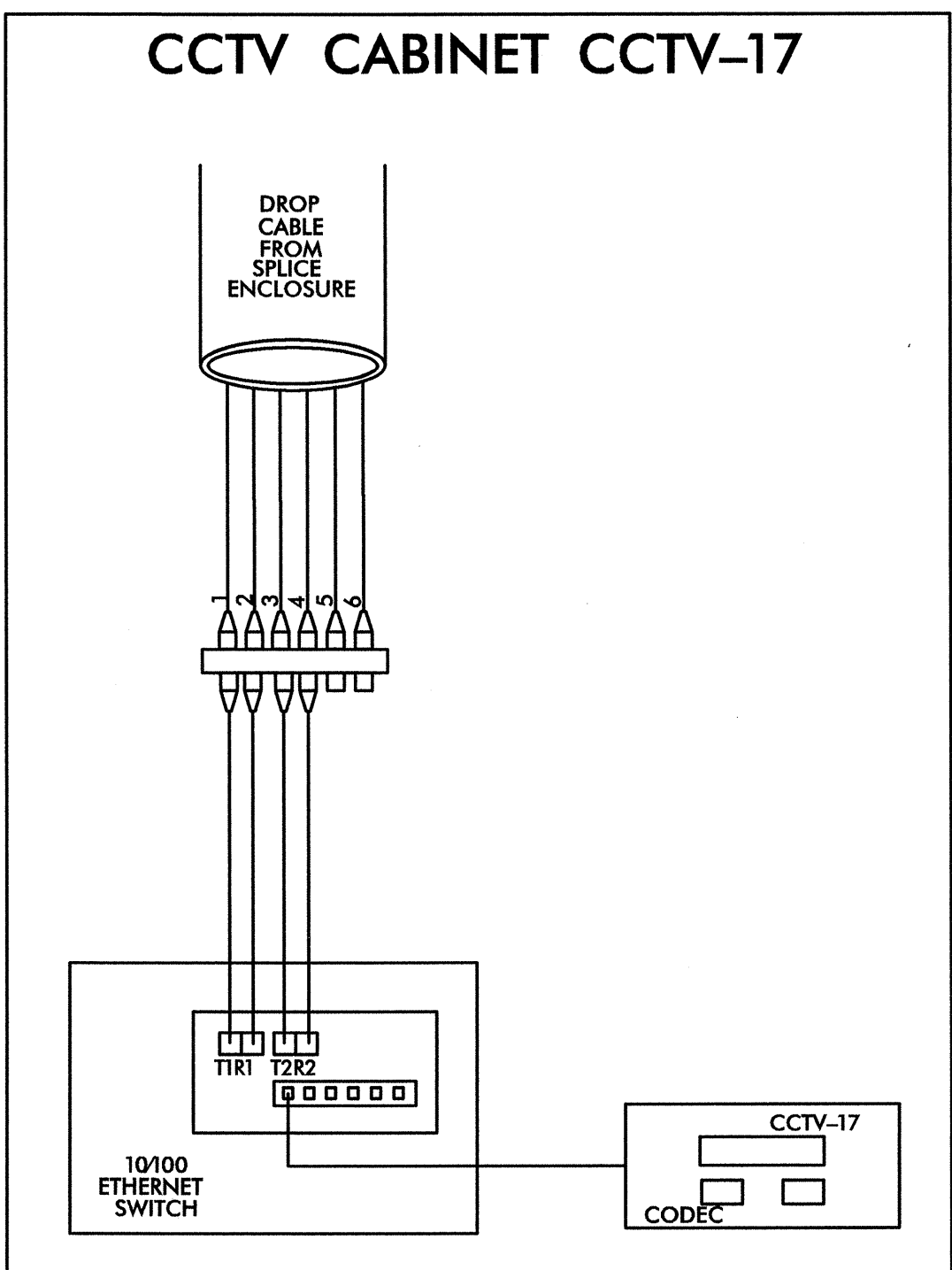
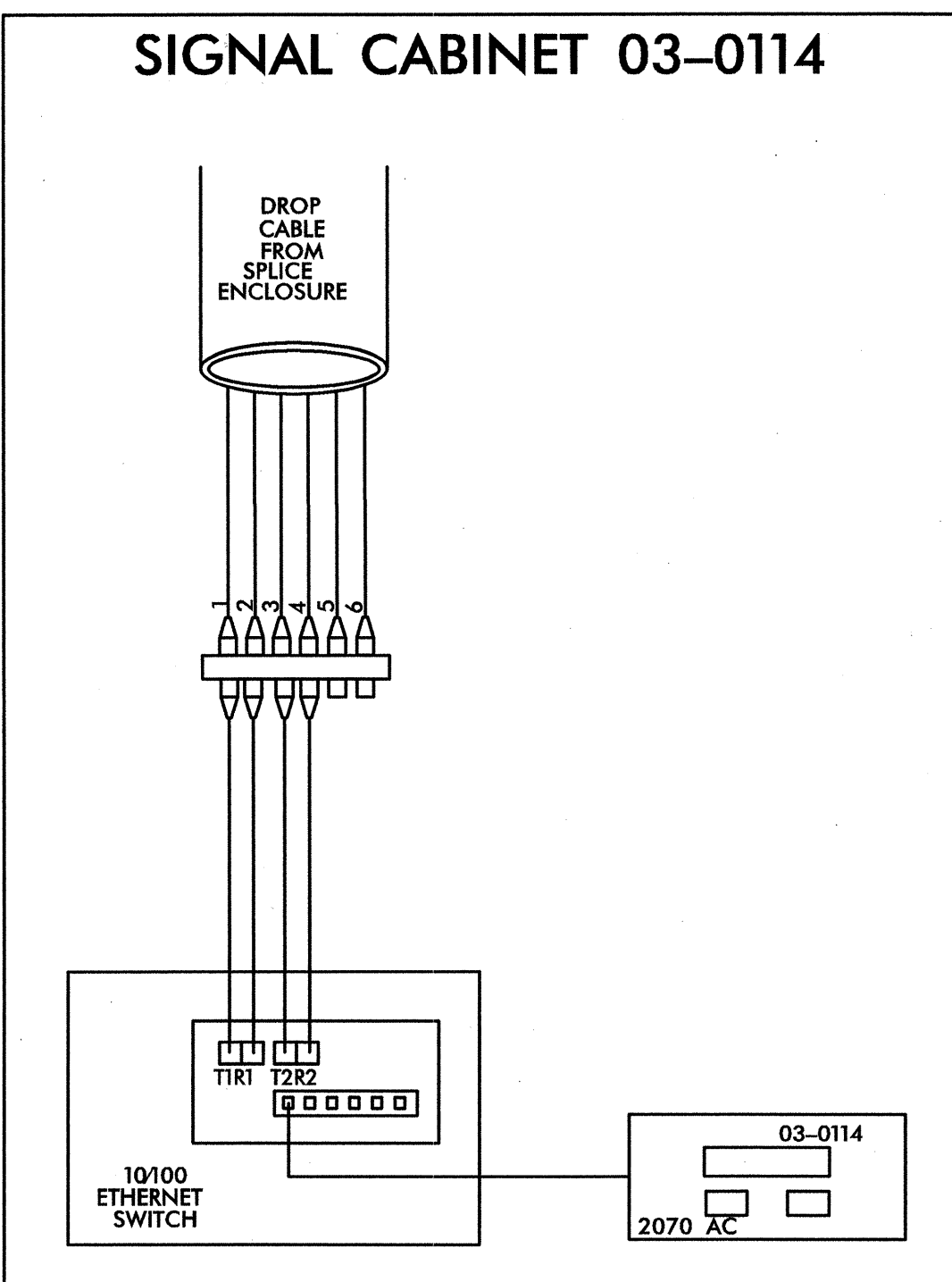
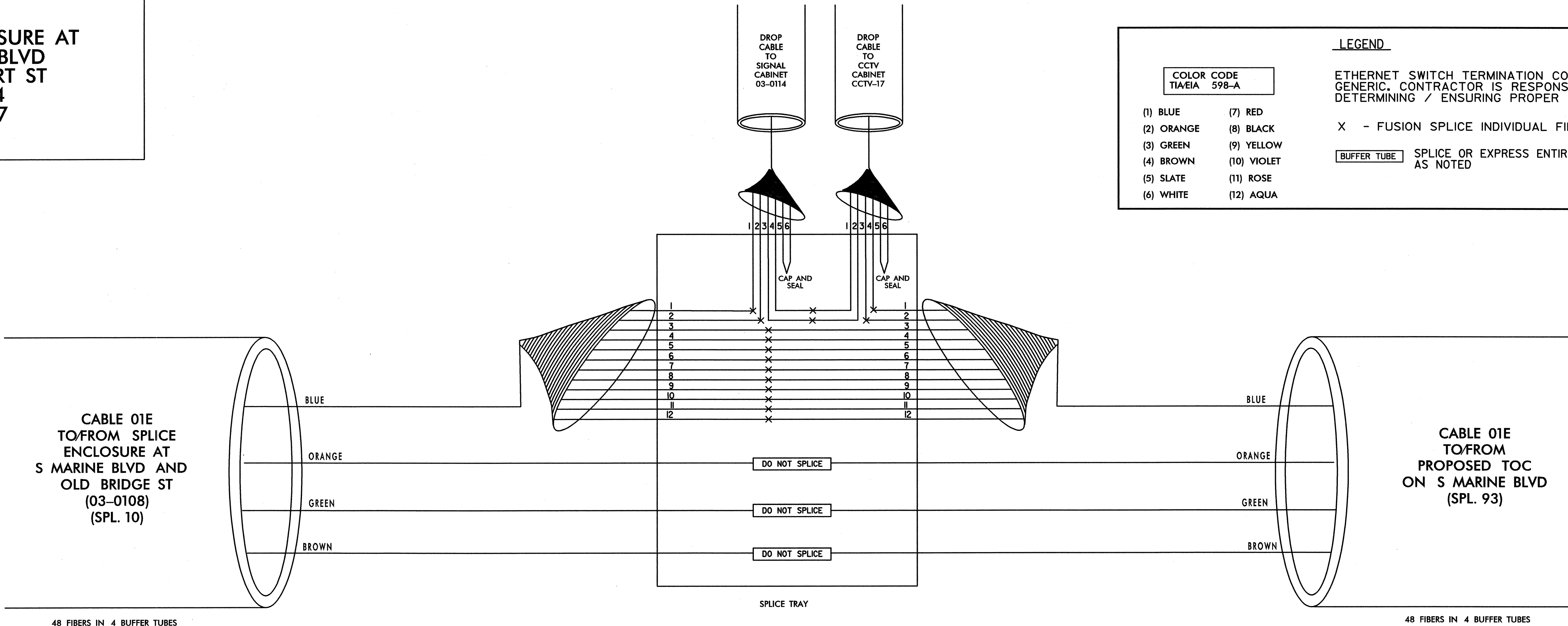
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

**COLOR CODE  
TIA/EIA 598-A**

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 1 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS

REVISIONS	INIT.	DATE

SCALE: 0 NONE

**SEAL**  
NORTH CAROLINA PROFESSIONAL ENGINEER  
MALE M. SWISZ MENCHER 031558

SIGNATURE DATE: 7.26.11

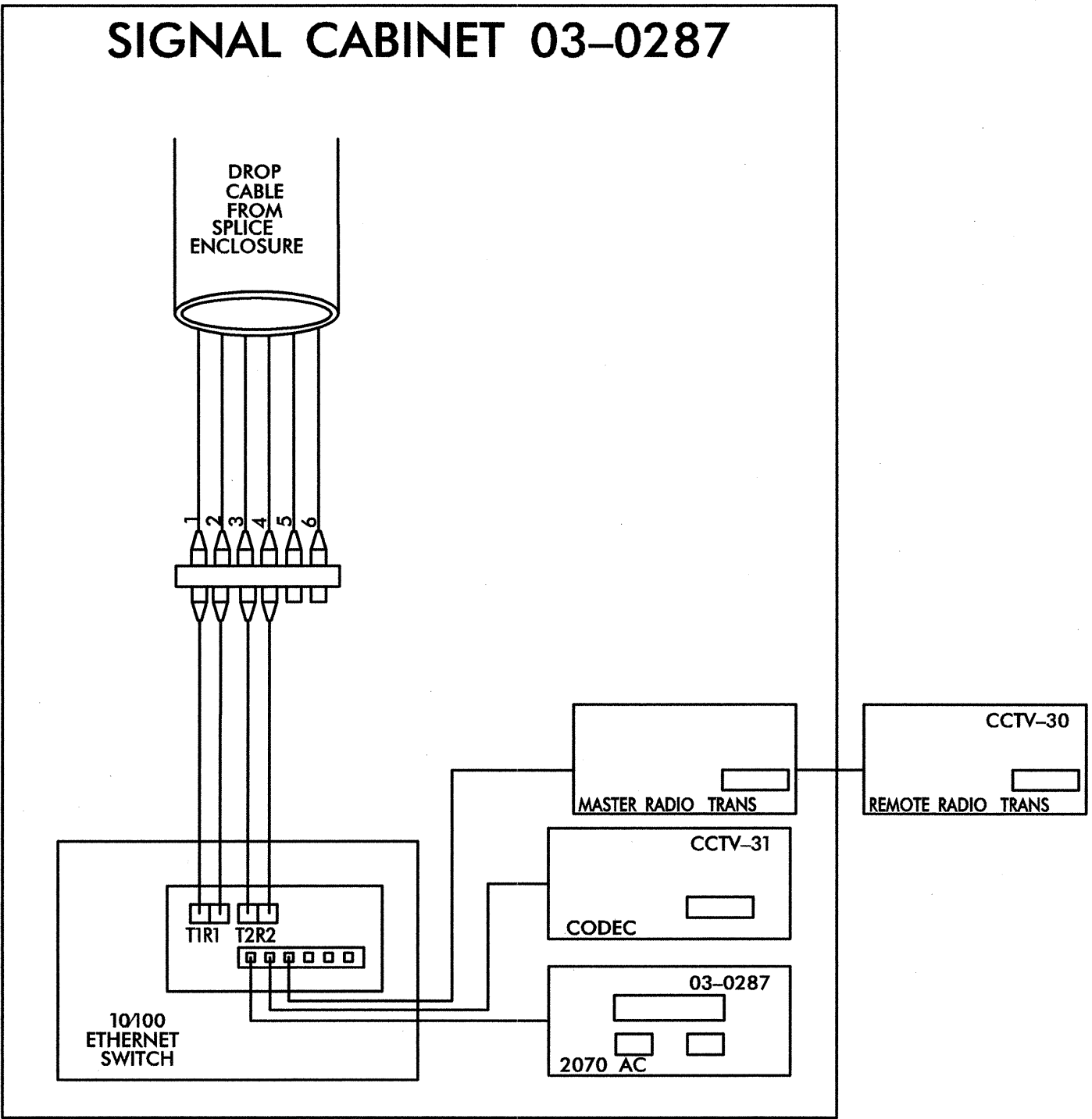
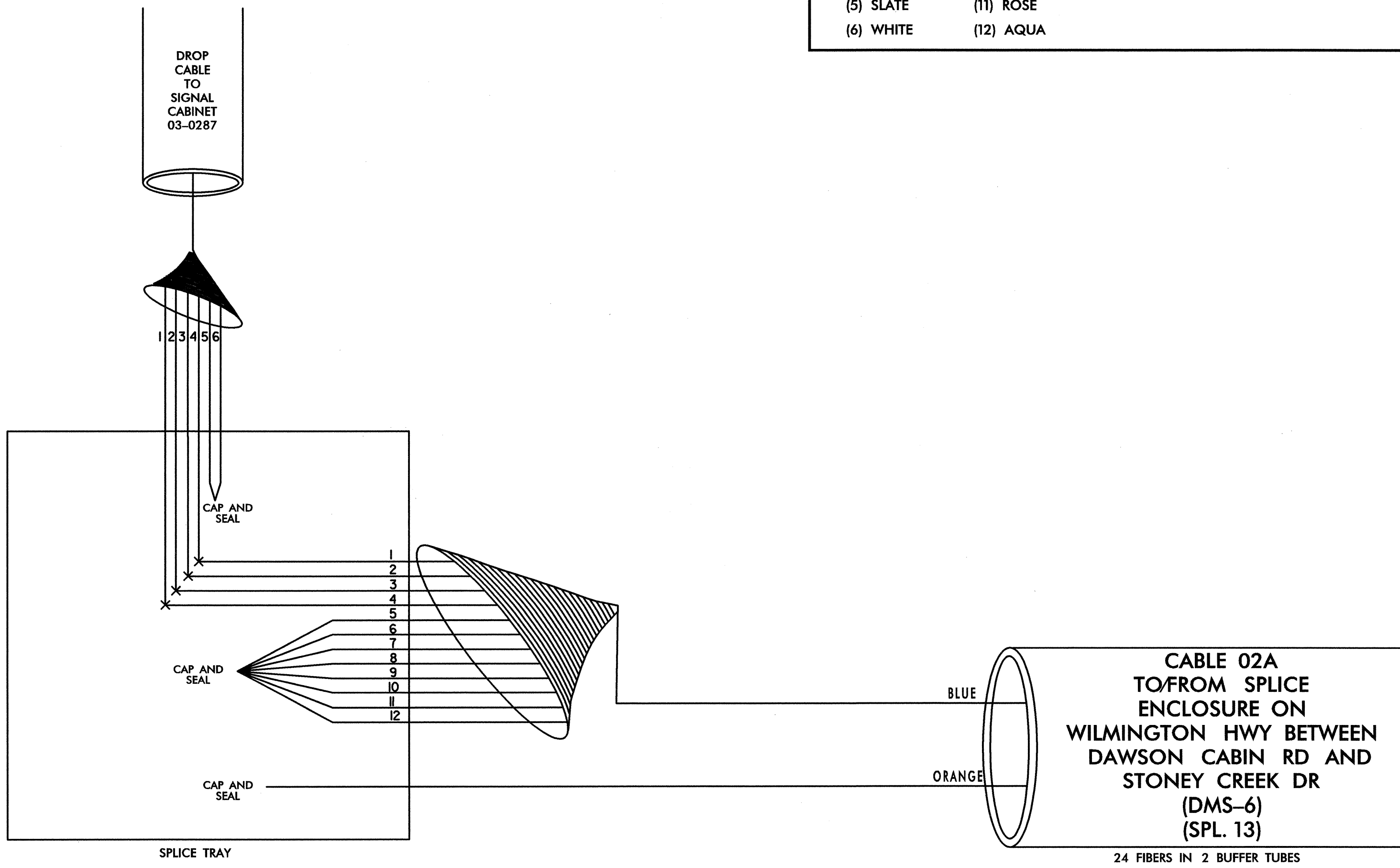
7/25/2011 -SPLACING\jox\_spl\_01.dgn

**SPLICE ENCLOSURE  
 AT WILMINGTON HWY  
 AND DAWSON CABIN RD  
 03-0287  
 CCTV-31  
 WIRELESS CCTV-30**

**LEGEND**

<b>COLOR CODE          TIA/EIA 598-A</b>		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE (2) ORANGE (3) GREEN (4) BROWN (5) SLATE (6) WHITE	(7) RED (8) BLACK (9) YELLOW (10) VIOLET (11) ROSE (12) AQUA	

X - FUSION SPLICE INDIVIDUAL FIBER  
 [BUFFER TUBE] SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



**TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR  
 IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.**

7/20/2011 1:51:10 PM \\jacksonville\jackson\sp\_012.dgn

PLANS PREPARED IN  
 THE OFFICE OF:  
  
**Kimley-Horn  
 and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

 250 N. Greenfield Pkwy., Garner, NC 27529	<b>CITY OF JACKSONVILLE          COMPUTERIZED SIGNAL SYSTEM          SPLICE DIAGRAM</b>		
	GROUP 2 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY:	
SCALE 0 NONE	REVISIONS	INIT. DATE	SIGNATURE DATE 7.20.2011

**SPLICE ENCLOSURE ON WILMINGTON HWY BETWEEN DAWSON CABIN RD AND STONEY CREEK DR DMS-6**

**LEGEND**

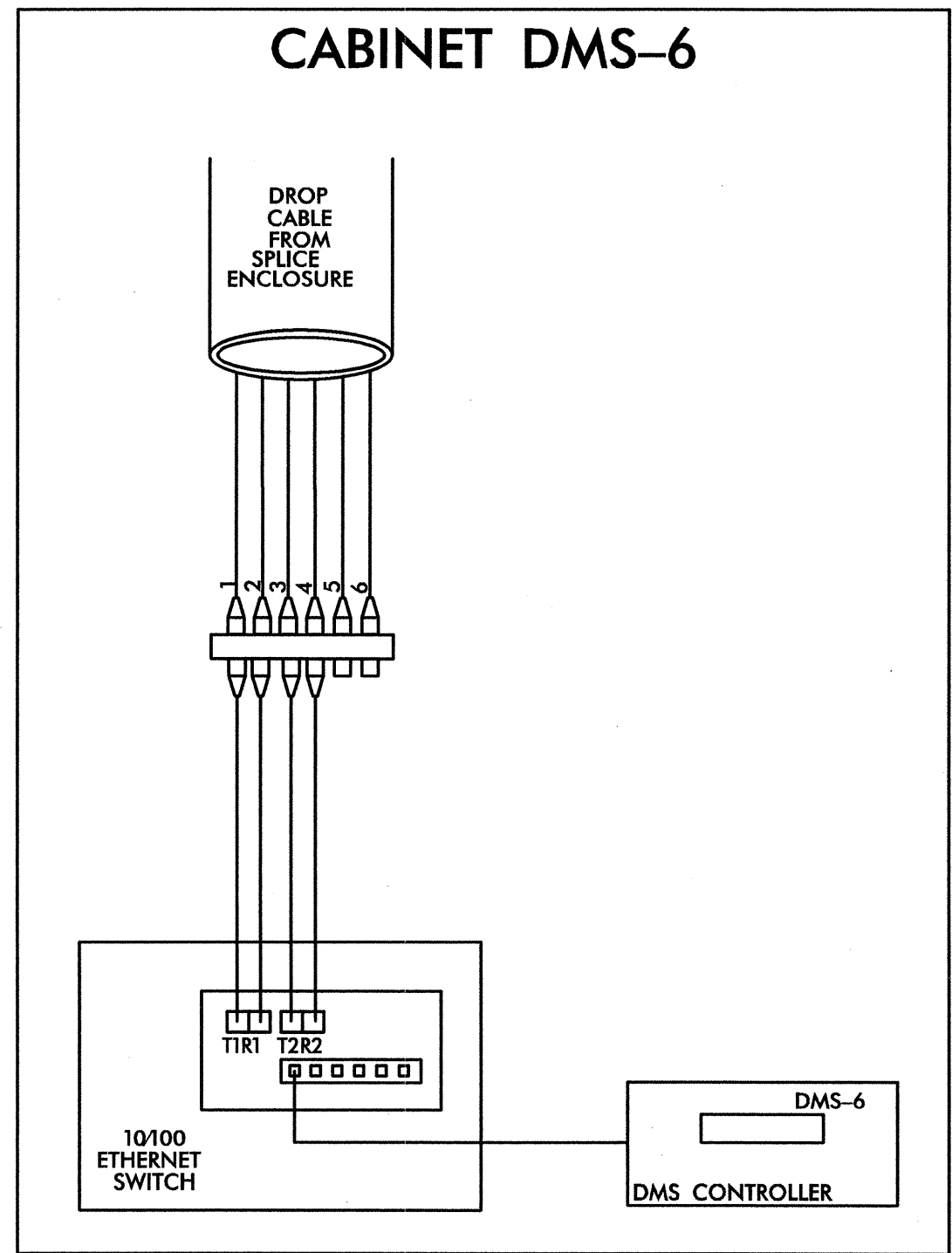
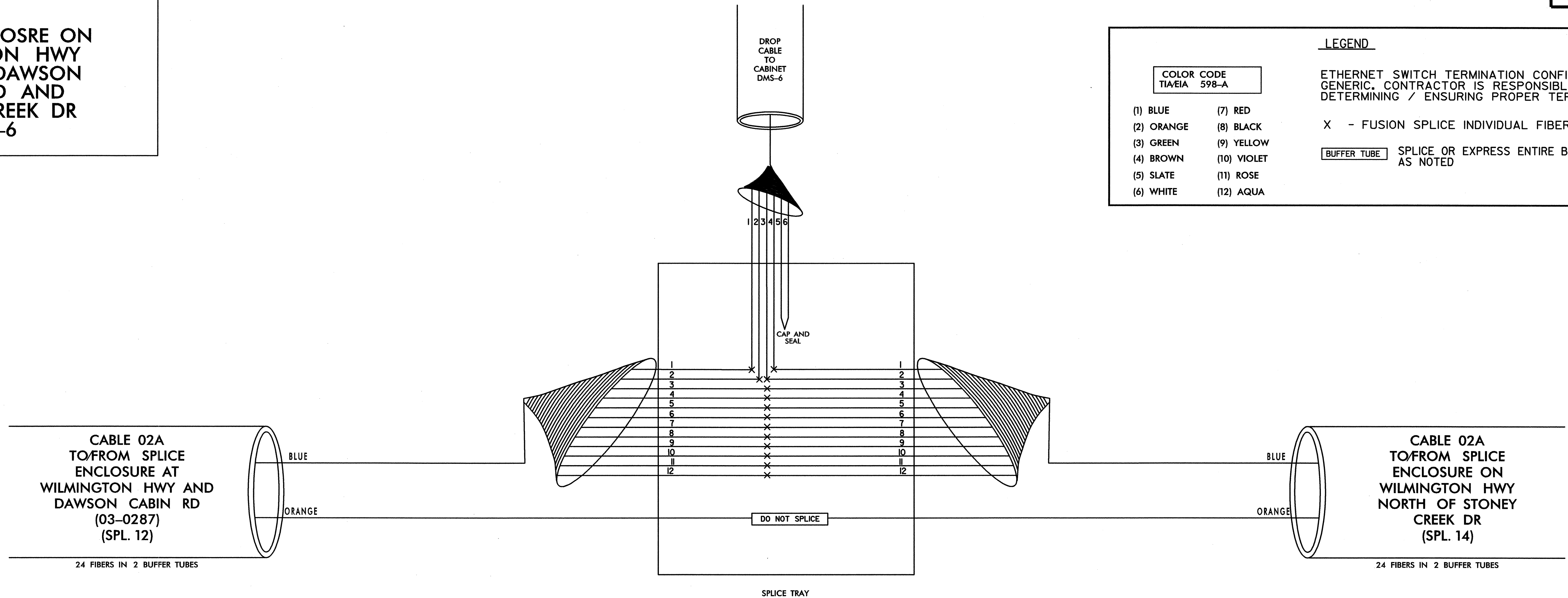
COLOR CODE TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh N.C. 27636-3068  
 (919) 677-2000

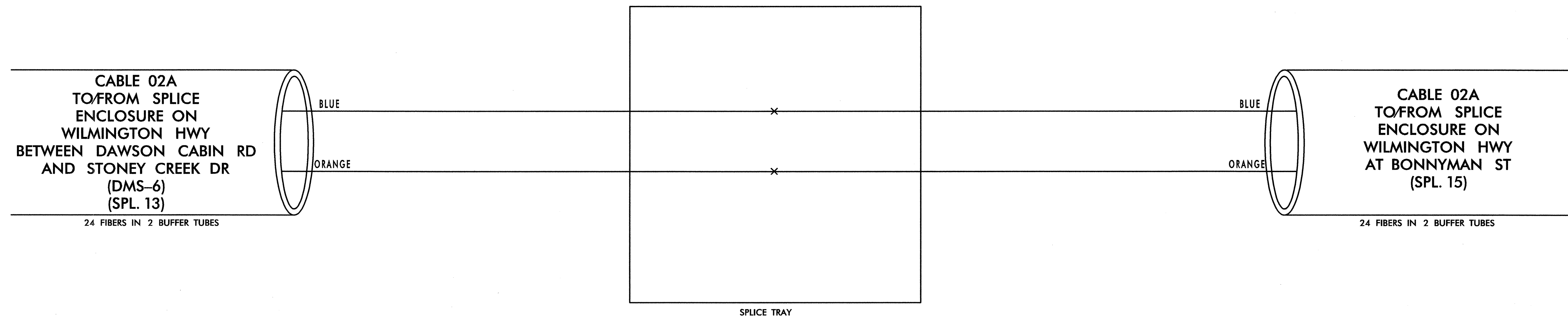
 CITY OF JACKSONVILLE PROFESSIONAL SEAL 031558 M. TALE, ENGINEER M. SMUSZ, ENGINEER	<b>CITY OF JACKSONVILLE</b> <b>COMPUTERIZED SIGNAL SYSTEM</b> <b>SPLICE DIAGRAM</b>	
	GROUP 2 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY: REVIEWED BY:
SCALE 0 NONE	REVISIONS _____ _____ _____	INIT. DATE _____ _____ _____

7/20/2011  
 SPLACING\jax\_spl\_013.dgn






**SPLICE ENCLOSURE  
 ON WILMINGTON HWY  
 NORTH OF STONEY  
 CREEK DR**

<b>COLOR CODE          TIA/EIA 598-A</b>		<b>LEGEND</b>	
(1) BLUE	(7) RED	ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.	
(2) ORANGE	(8) BLACK	X - FUSION SPLICE INDIVIDUAL FIBER	
(3) GREEN	(9) YELLOW	<b>BUFFER TUBE</b> SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED	
(4) BROWN	(10) VIOLET		
(5) SLATE	(11) ROSE		
(6) WHITE	(12) AQUA		



7/20/2011 11:51:00 AM \\SP\JING\jox\_spl\_014.dgn

PLANS PREPARED IN  
 THE OFFICE OF:  
  
**Kimley-Horn  
 and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

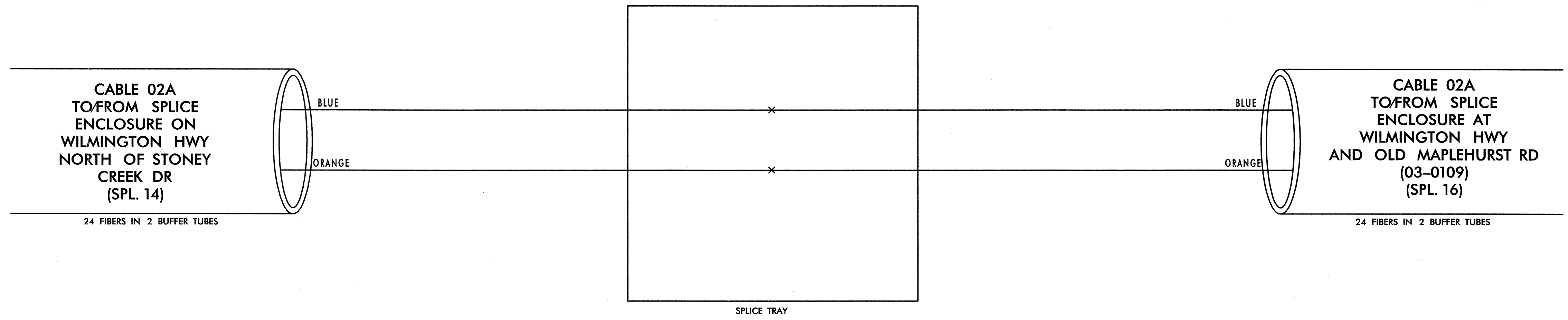
 CITY OF JACKSONVILLE PROFESSIONAL ENGINEER M. SMUSZ VENCELOVIC SEAL 031558	<b>CITY OF JACKSONVILLE          COMPUTERIZED SIGNAL SYSTEM          SPLICE DIAGRAM</b>										
	GROUP 2 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY: REVIEWED BY:		<table border="1"> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISIONS	INIT.	DATE				
REVISIONS	INIT.	DATE									
SCALE 0 NONE		SIGNATURE:  DATE: 7.20.2011									

**SPLICE ENCLOSURE  
ON WILMINGTON HWY  
AT BONNYMAN ST**

LEGEND



<b>COLOR CODE</b> <small>TIA/EIA 598-A</small>		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE (2) ORANGE (3) GREEN (4) BROWN (5) SLATE (6) WHITE	(7) RED (8) BLACK (9) YELLOW (10) VIOLET (11) ROSE (12) AQUA	

X - FUSION SPLICE INDIVIDUAL FIBER  
 [BUFFER TUBE] SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



7/20/2011 1:51:05 PM \_LSPJUNG\jox.sp\_015.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

 <small>750 N. Greenfield Pkwy., Garner, NC 27529</small>	<b>CITY OF JACKSONVILLE</b>		 <small>SEAL 031558</small>
	<b>COMPUTERIZED SIGNAL SYSTEM</b>		
GROUP 2		PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:		REVIEWED BY:	DATE:
SCALE: NONE		REVISIONS:	INIT. DATE:
SIGNATURE:		DATE: 7.20.2011	DATE:

**SPLICE ENCLOSURE AT  
WILMINGTON HWY  
AND OLD MAPLEHURST RD  
03-0109  
CCTV-32**

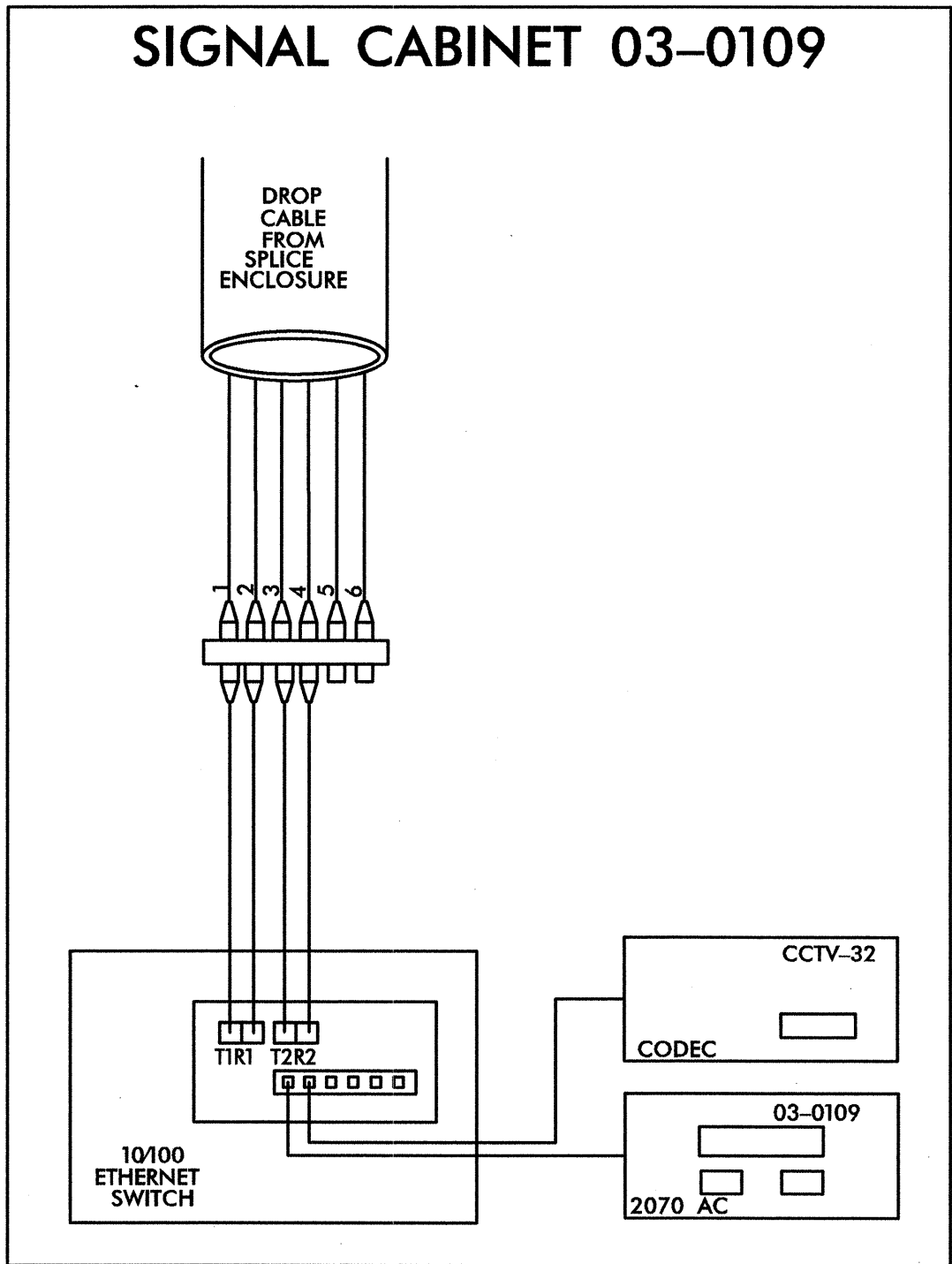
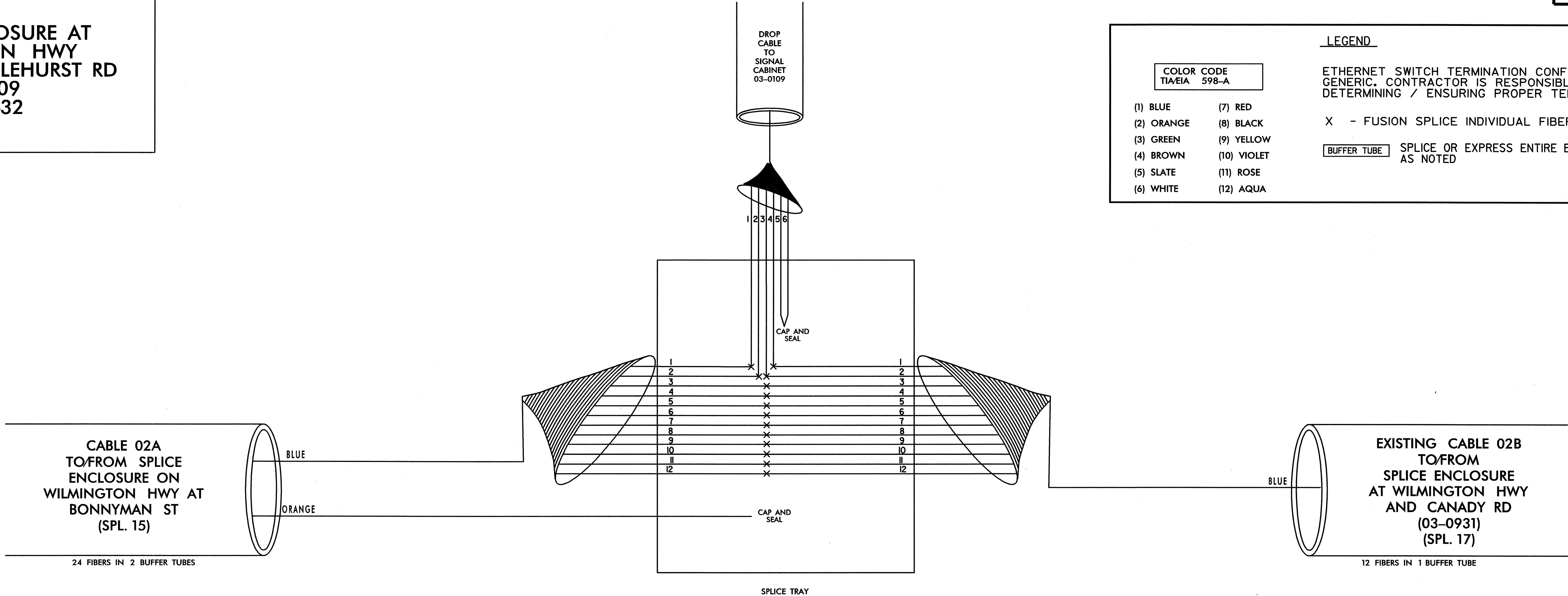
**LEGEND**

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

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPlice INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPlice DIAGRAM</b>			
	GROUP 2	ONSLow COUNTY		
	PLAN DATE: JULY 2011	REVIEWED BY:		
	PREPARED BY:	REVIEWED BY:		
	REVISIONS	INIT.	DATE	

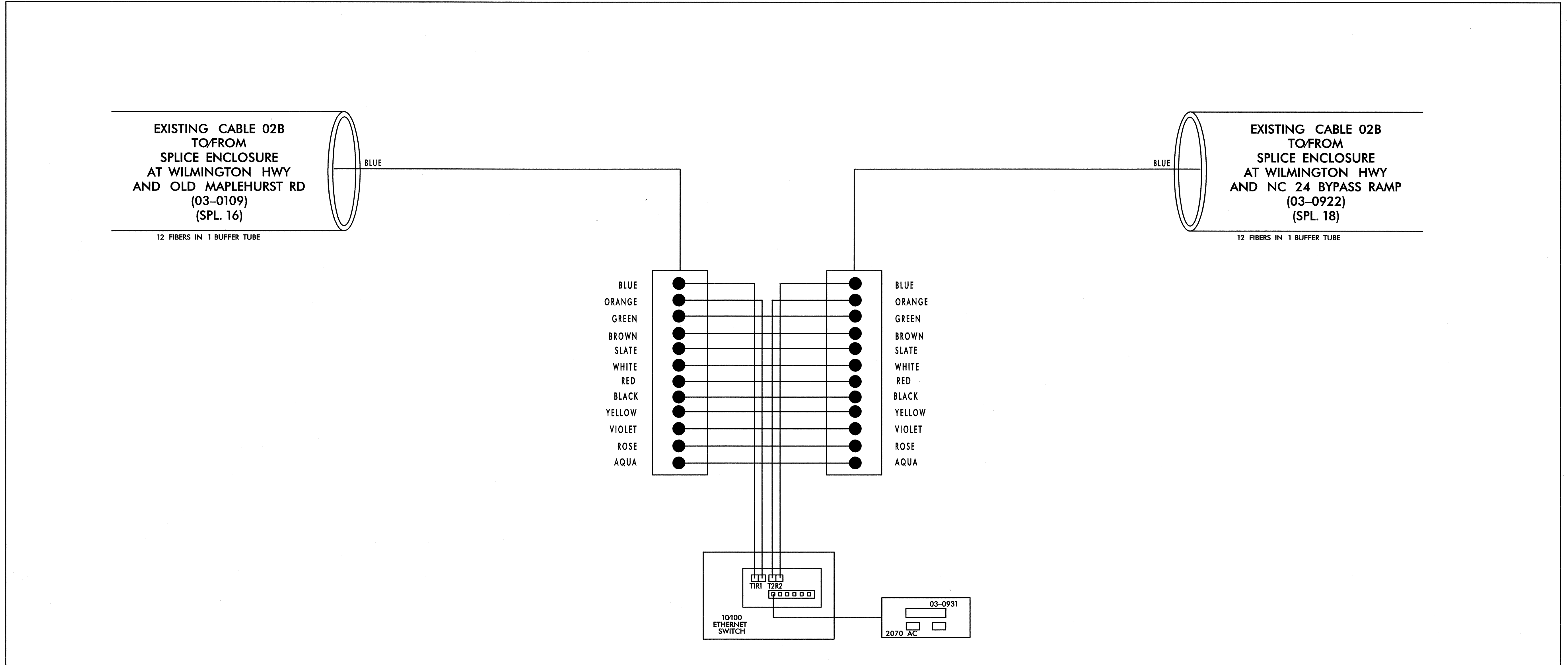
SCALE: 0 NONE

SIGNATURE: DATE: 7.20.2011

**SPLICE ENCLOSURE AT  
WILMINGTON HWY  
AND CANADY RD  
03-0931**

<b>COLOR CODE TIA/EIA 598-A</b>		<b>LEGEND</b>  ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.  X - FUSION SPLICE INDIVIDUAL FIBER  <span style="border: 1px solid black; padding: 2px;">BUFFER TUBE</span> SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	
(3) GREEN	(9) YELLOW	
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	

**SIGNAL CABINET  
03-0931**



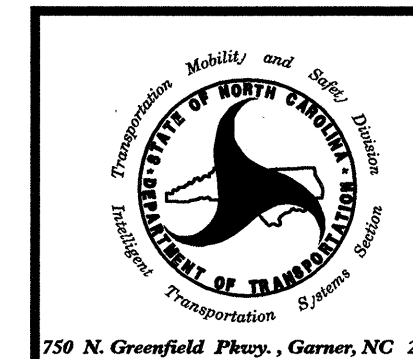
**TRANSCIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR  
IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.**

7/20/2011 15:PLCING\jax\_sp1\_017.dgn

PLANS PREPARED IN  
THE OFFICE OF:



**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 877-2000



**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 2 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS	INIT.	DATE



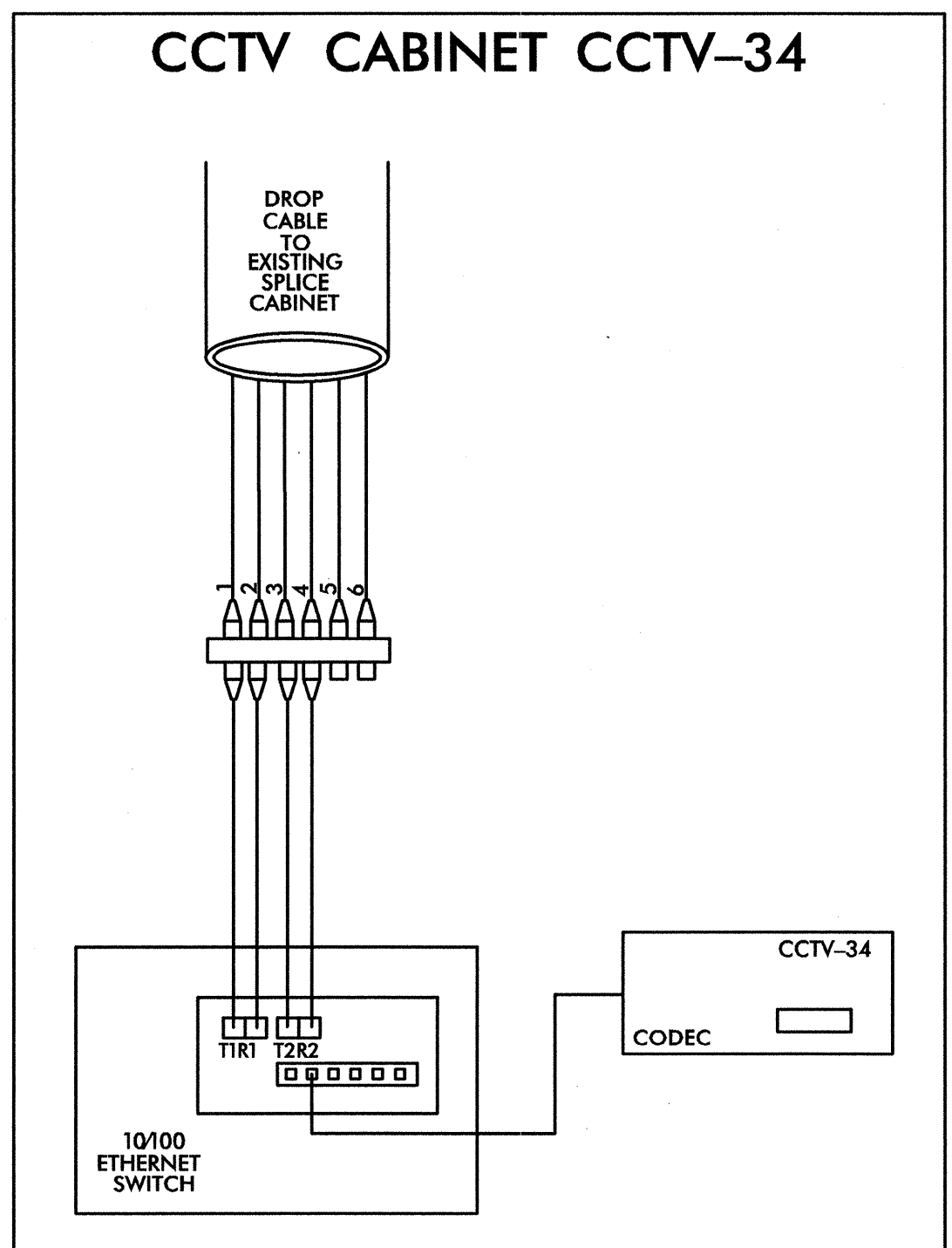
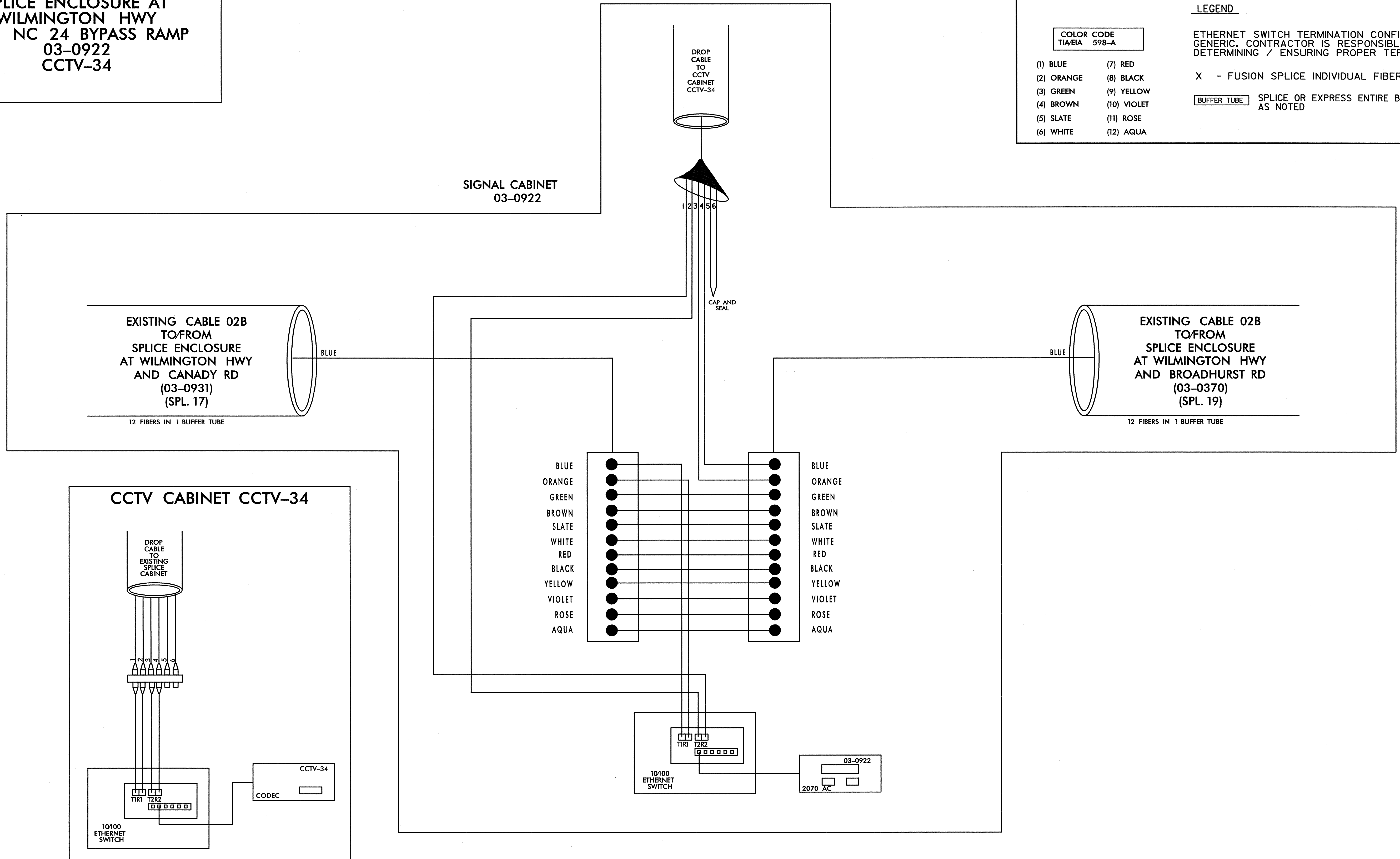
*[Signature]*  
DATE: 7/20/2011

SCALE  
0  
NONE

**SPLICE ENCLOSURE AT WILMINGTON HWY AND NC 24 BYPASS RAMP**  
03-0922  
CCTV-34

**LEGEND**

COLOR CODE TIA/EIA 598-A		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	X - FUSION SPLICE INDIVIDUAL FIBER
(3) GREEN	(9) YELLOW	[BUFFER TUBE] SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



**TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.**

7/20/2011  
\\SPJ\JING\fax\_spj\_018.dgn

PLANS PREPARED IN THE OFFICE OF:  
Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, NC 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE</b> <b>COMPUTERIZED SIGNAL SYSTEM</b> <b>SPLICE DIAGRAM</b>		
	GROUP 2	ONSLAW COUNTY	
PLAN DATE: JULY 2011 PREPARED BY:	REVIEWED BY:		DATE: 7.20.2011
SCALE	REVISIONS	INIT.	DATE
0 NONE			

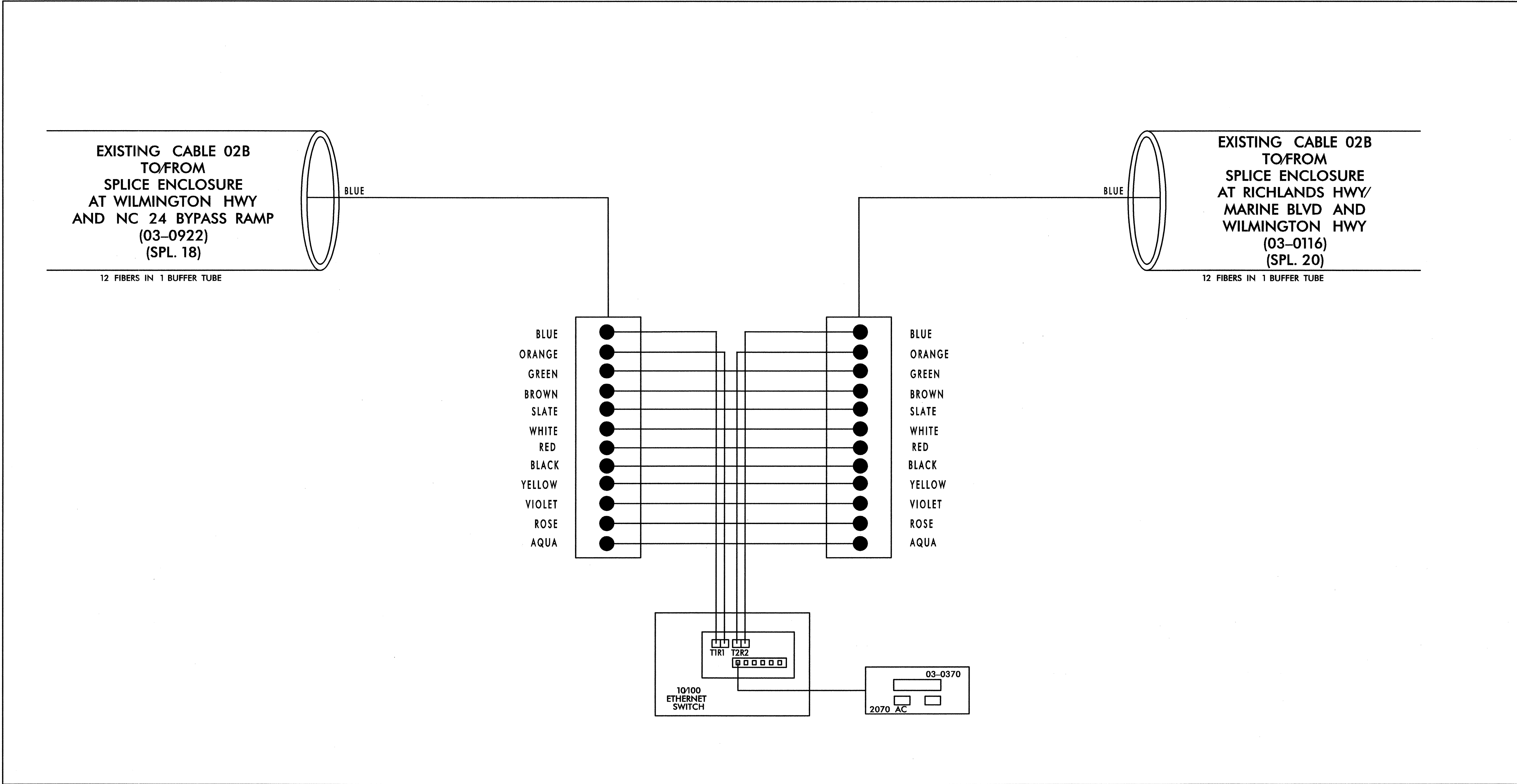


**SPLICE ENCLOSURE AT WILMINGTON HWY AND BROADHURST RD 03-0370**

**LEGEND**

COLOR CODE TIA/EIA 598-A		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	X - FUSION SPLICE INDIVIDUAL FIBER
(3) GREEN	(9) YELLOW	[BUFFER TUBE] SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	

**SIGNAL CABINET 03-0370**



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

7/20/2011 1:51 PM J:\proj\sp\_019.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
 Kimley-Horn and Associates, Inc.  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

 CITY OF JACKSONVILLE PROFESSIONAL SEAL 031558 M. SMUSZ M. ENGR.	GROUP 2		ONSLow COUNTY	
	PLAN DATE: JULY 2011	REVIEWED BY:	PREPARED BY:	REVIEWED BY:
SCALE 0 NONE	REVISIONS	INIT.	DATE	
				7.20.2011

**SPLICE ENCLOSURE AT  
RICHLANDS HWY/  
MARINE BLVD AND  
WILMINGTON HWY  
03-0116**

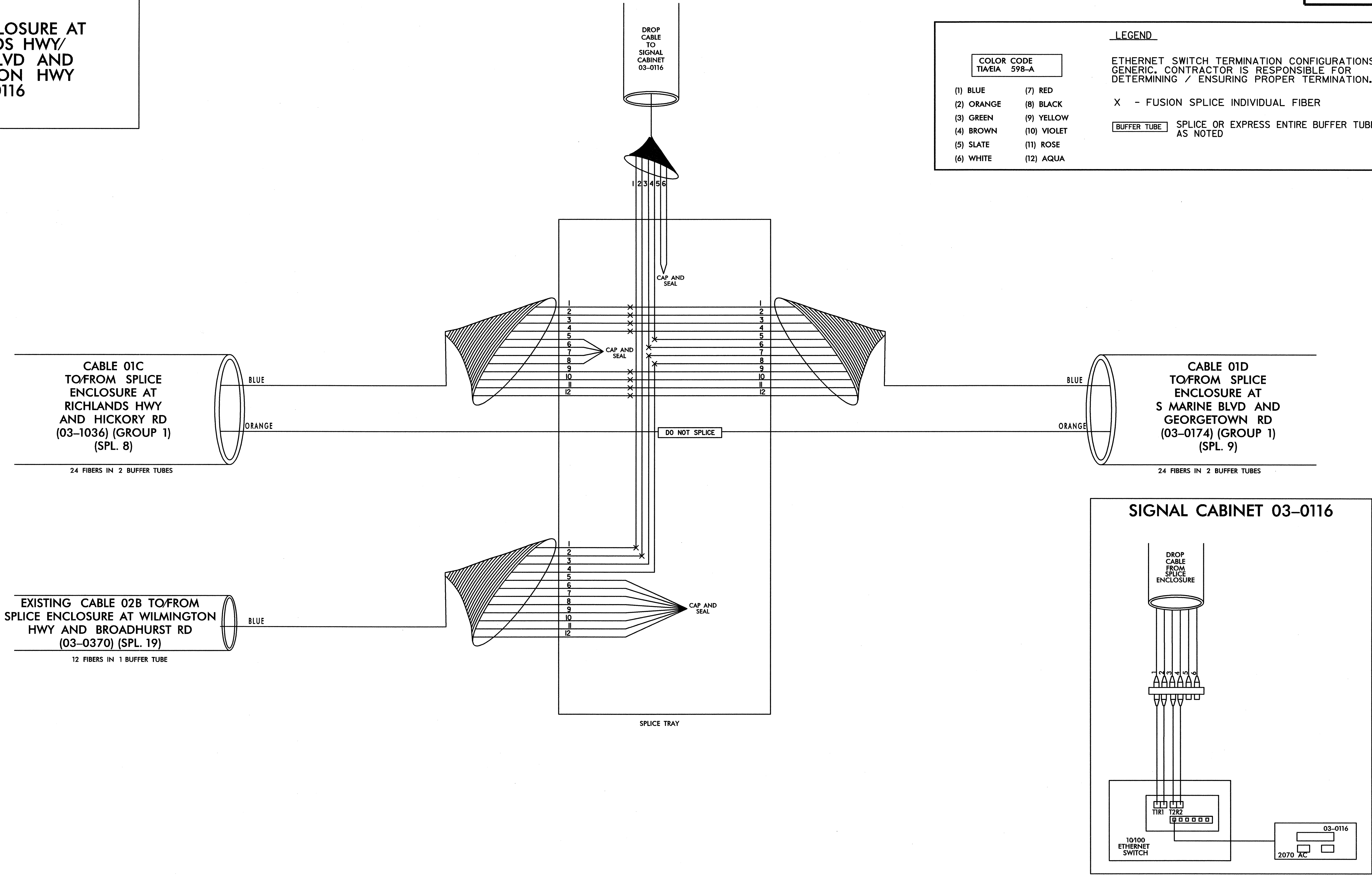
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

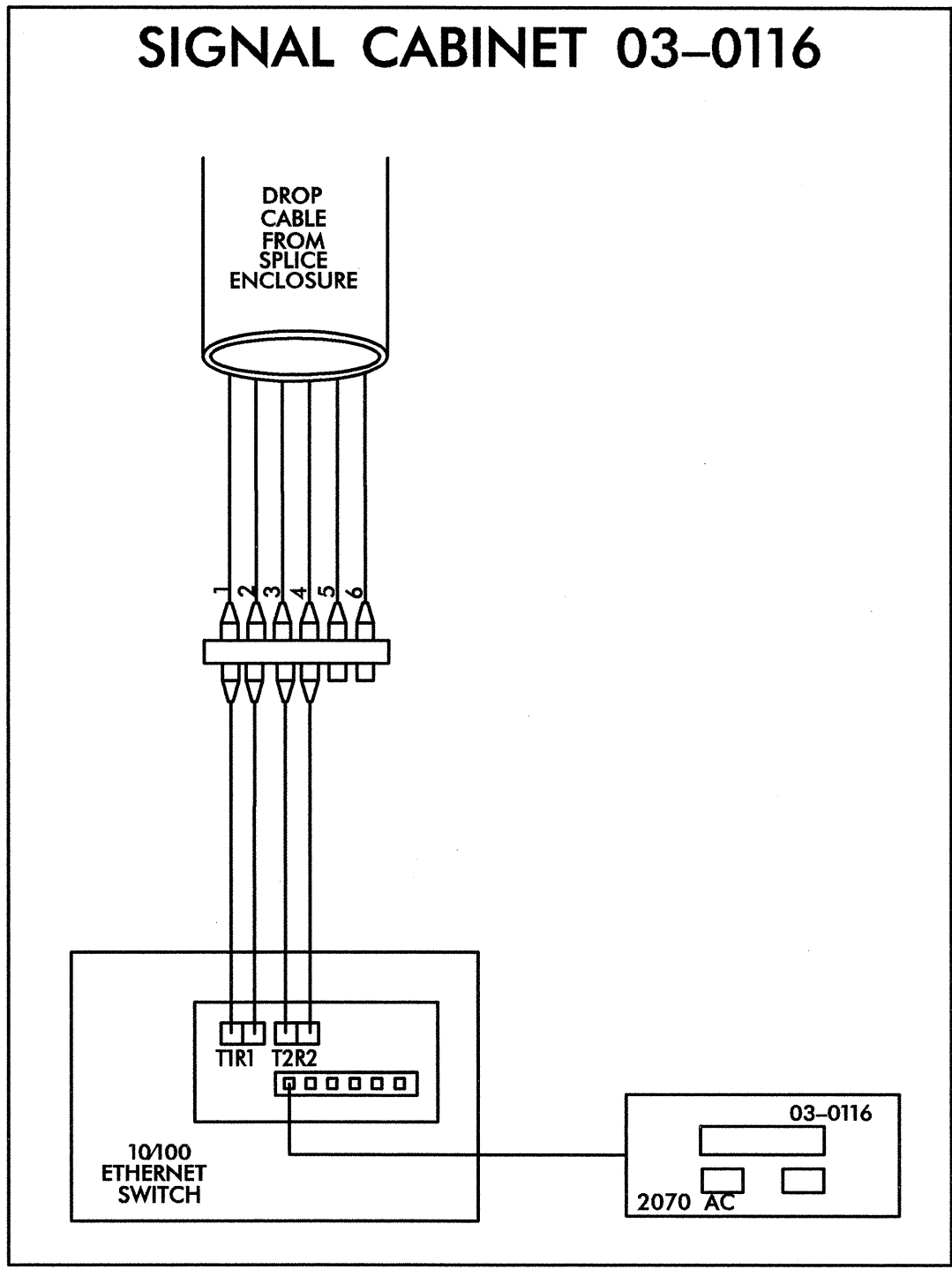
X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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

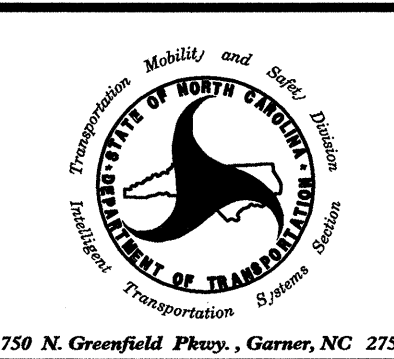


TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.



7/20/2011  
\\splicing\jax\_spl\_020.dgn

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 2 ONSLOW COUNTY  
PLAN DATE: JULY 2011  
PREPARED BY: [Signature]  
REVIEWED BY: [Signature]



REVISIONS	INIT.	DATE

SCALE: NONE

SIGNATURE: [Signature] DATE: 7.22.2011

**SPLICE ENCLOSURE AT  
N MARINE BLVD  
AND MCDANIEL DR  
03-0825  
CCTV-12**

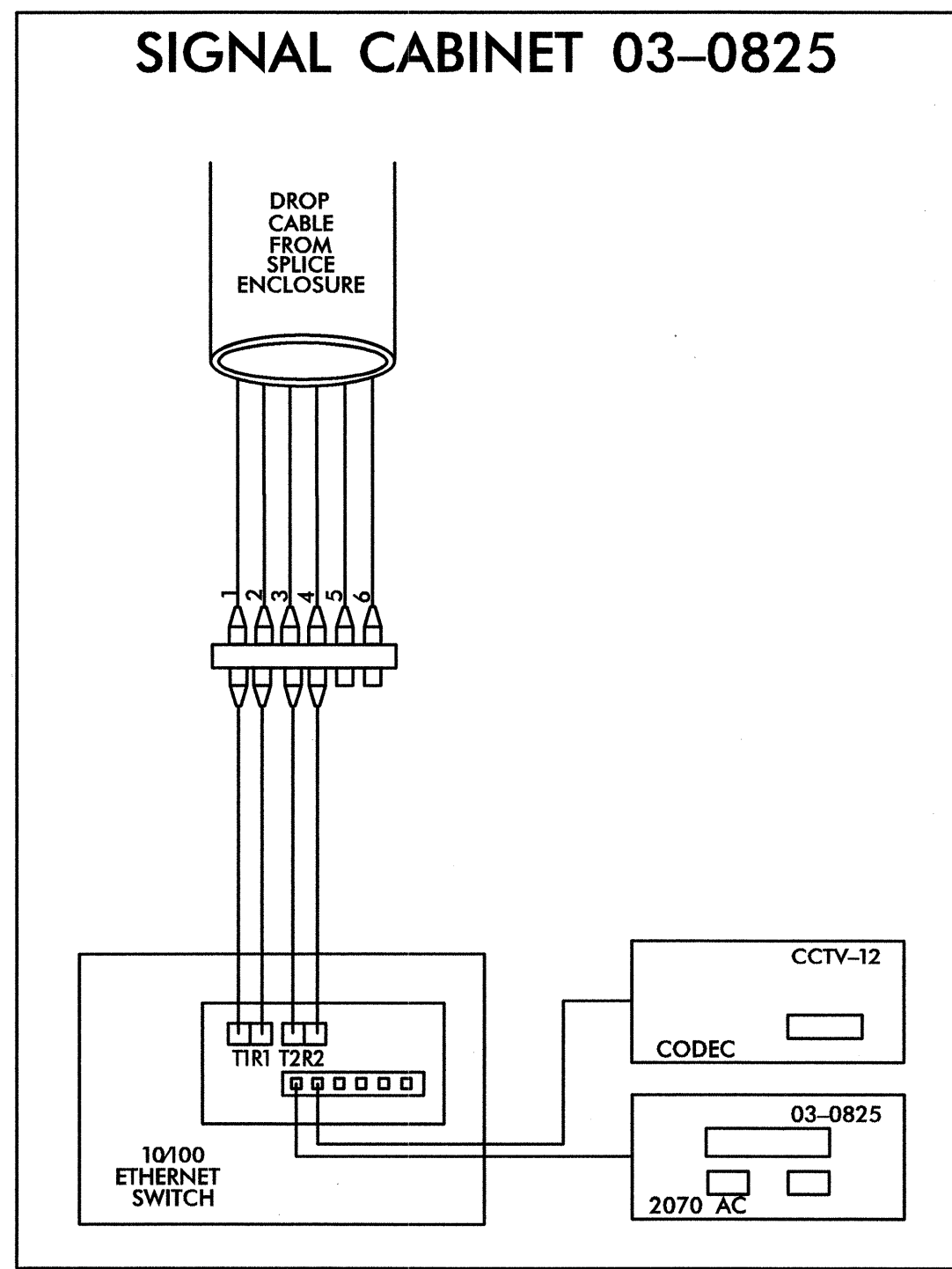
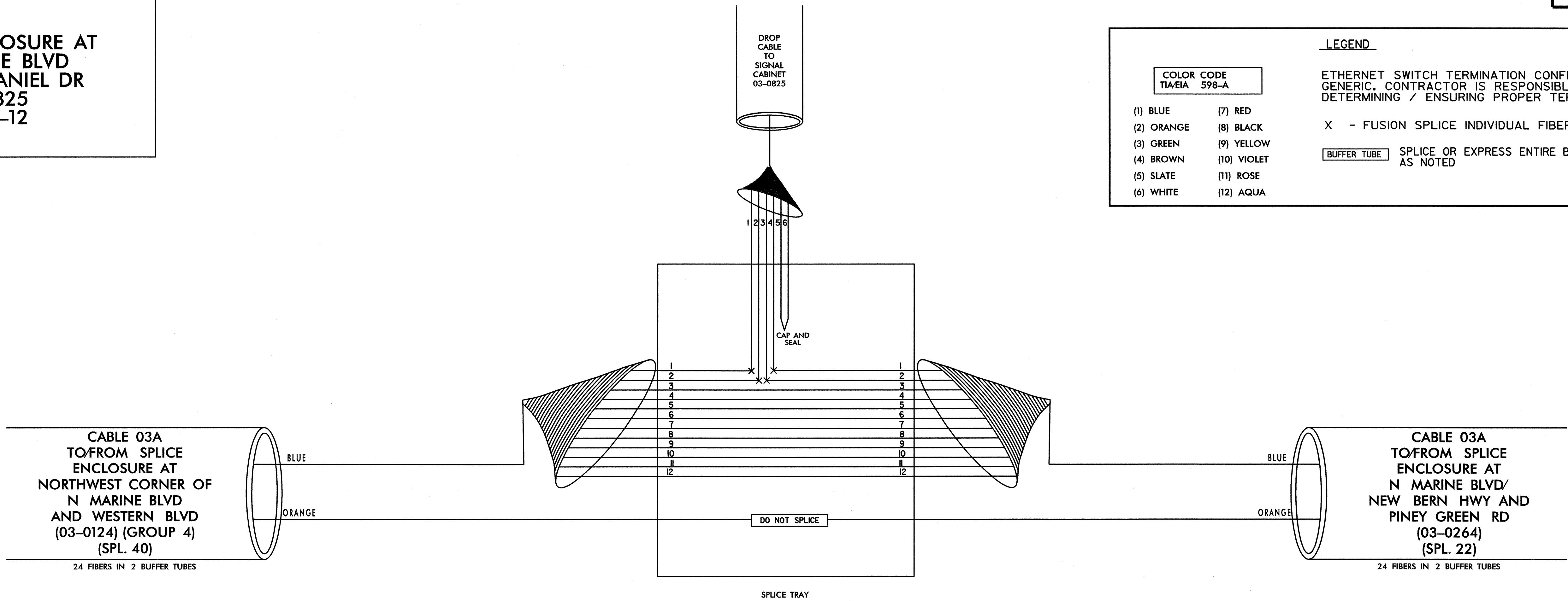
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 3 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY: REVIEWED BY:	
SCALE 0 NONE		SIGNATURE: <i>[Signature]</i> DATE: 7.20.2011	

**SPLICE ENCLOSURE AT  
N MARINE BLVD/  
NEW BERN RD HWY AND  
PINEY GREEN RD  
03-0264**

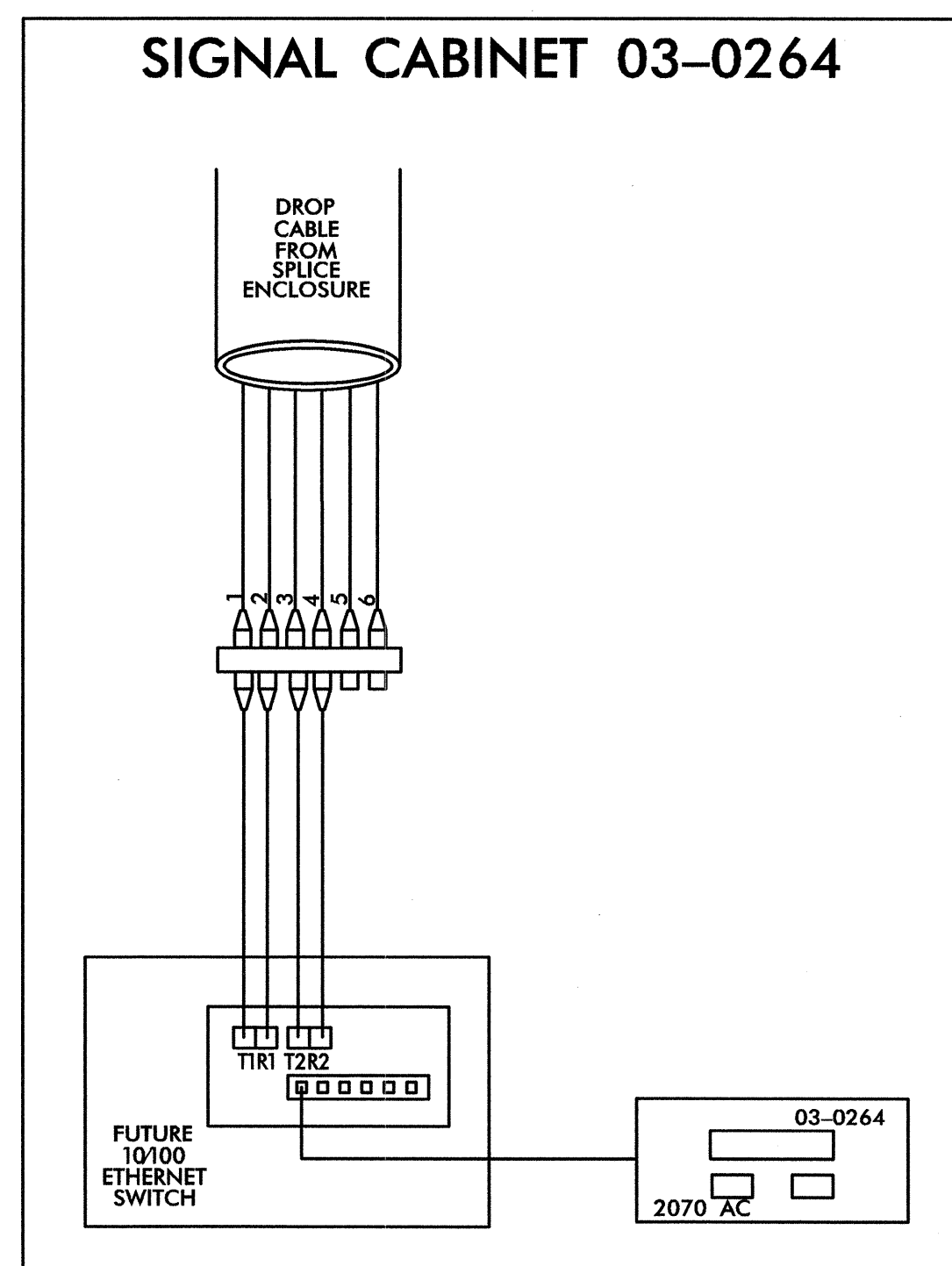
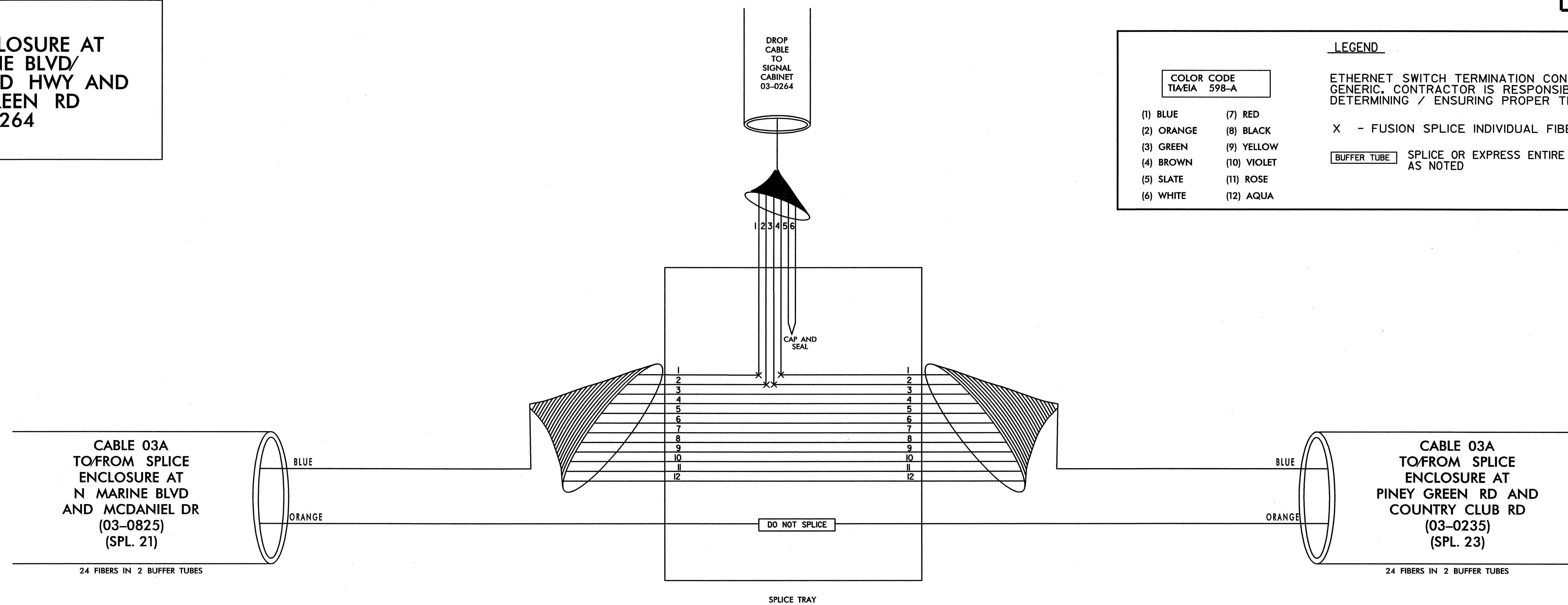
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



1. TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.  
2. SWITCH INTEGRATION TO BE PERFORMED UNDER U3810.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 3 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS INIT. DATE

SCALE: 0 NONE

750 N. Greenfield Pkwy., Garner, NC 27529

**SEAL**  
031558  
NORTH CAROLINA PROFESSIONAL ENGINEER  
M. SMUSZ VENCELOVIC

SIGNATURE: *[Signature]* DATE: 7.20.2011

7/20/2011 1:51:30 PM SPLING\jox\_spl\_022.dgn



**SPLICE ENCLOSURE AT  
PINEY GREEN RD AND  
COUNTRY CLUB RD  
03-0235**

**LEGEND**

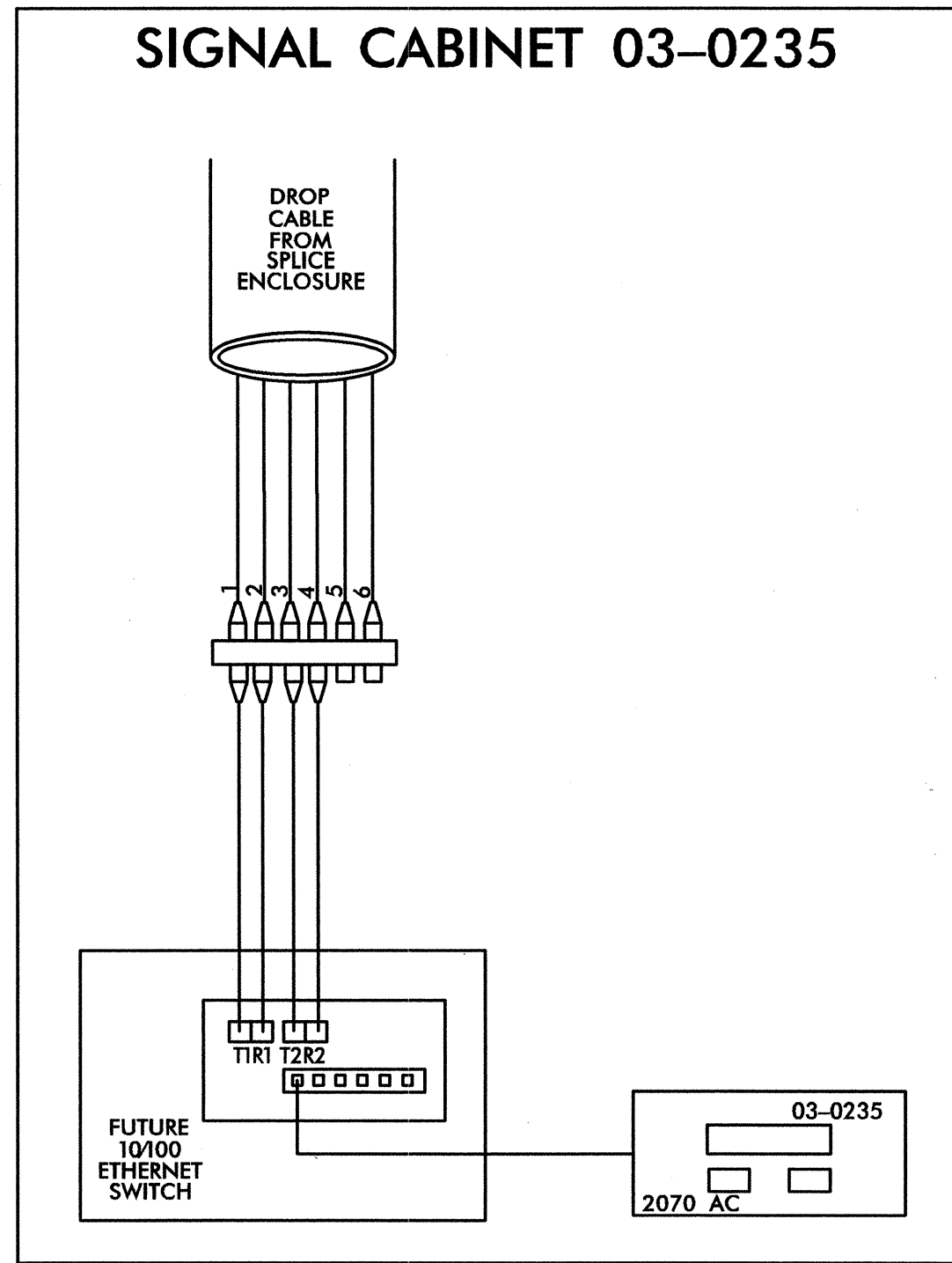
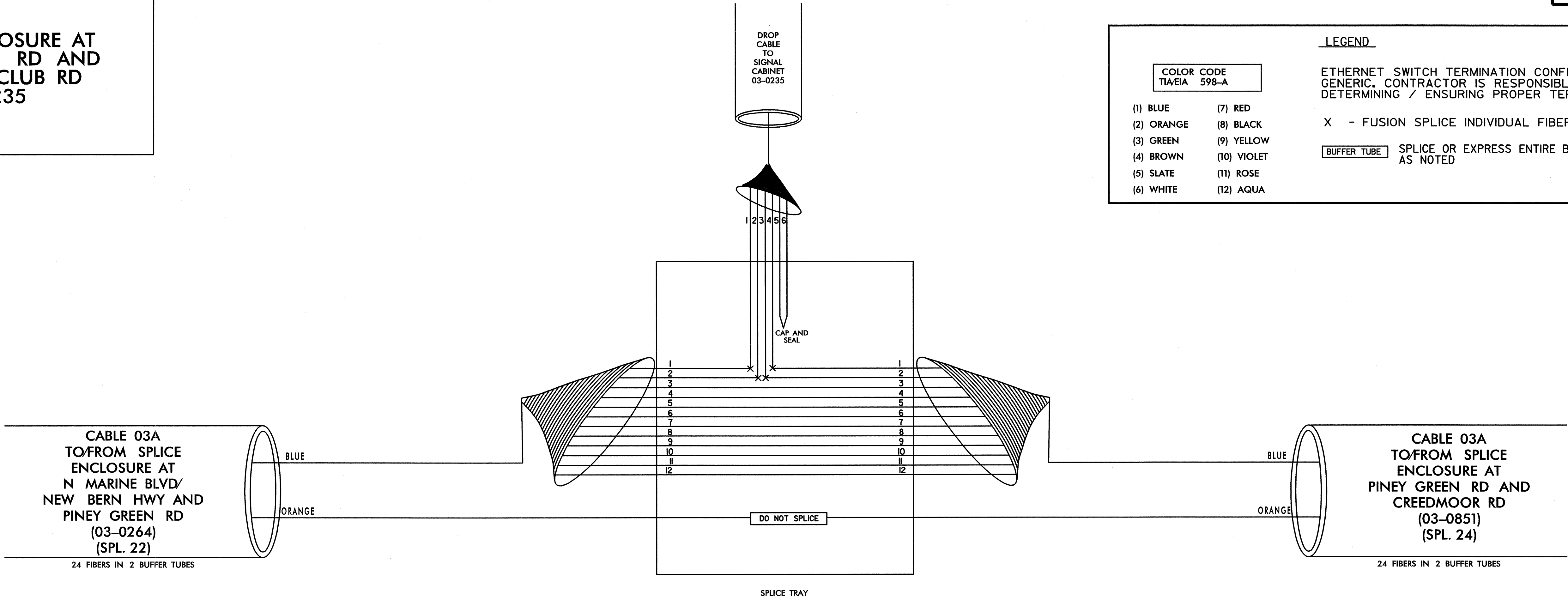
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

**COLOR CODE  
TIA/EIA 598-A**

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA



1. TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.  
2. SWITCH INTEGRATION TO BE PERFORMED UNDER U3810.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 3 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS INIT. DATE

SCALE: 0 NONE

750 N. Greenfield Pkwy., Garner, NC 27529

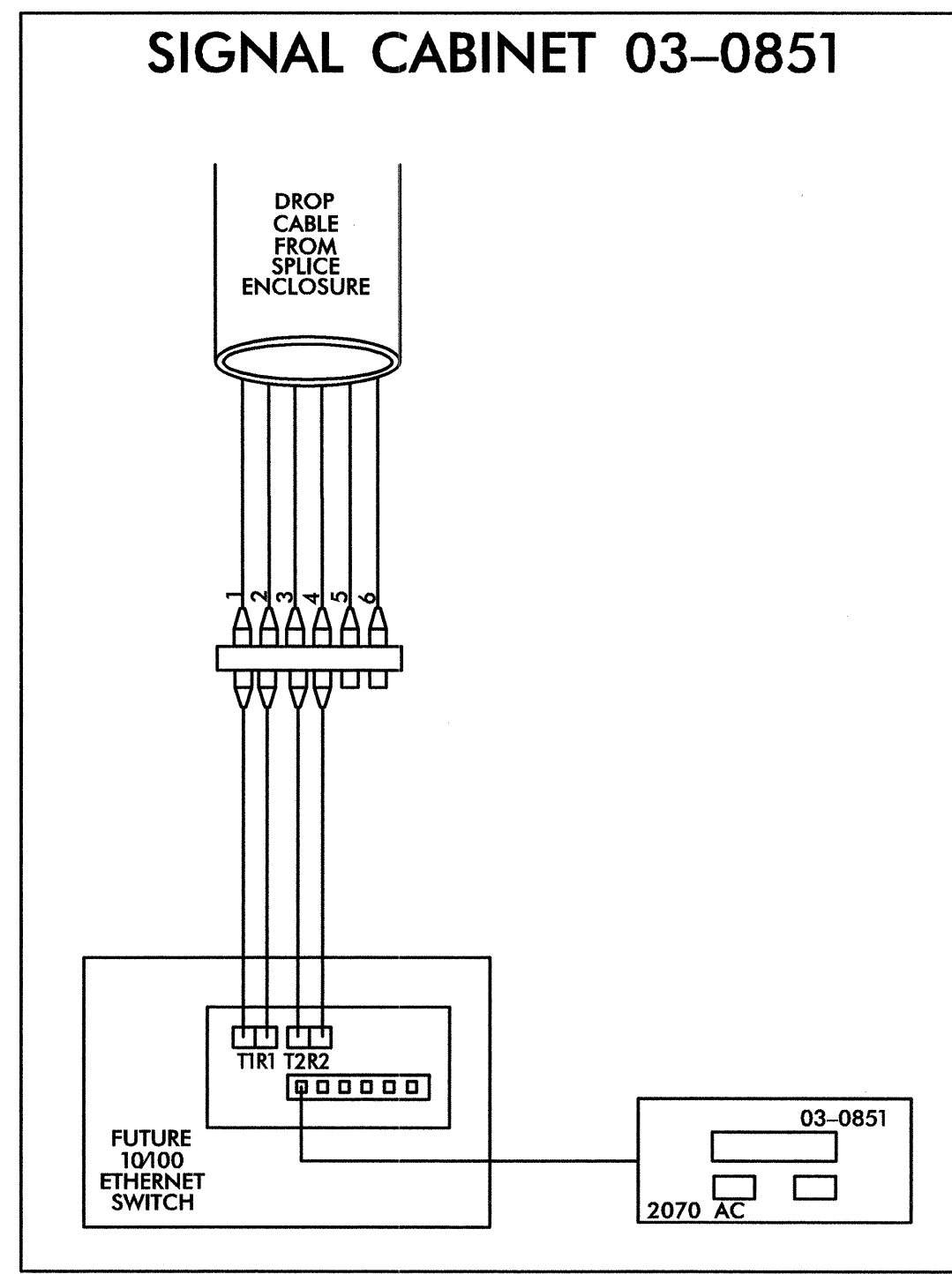
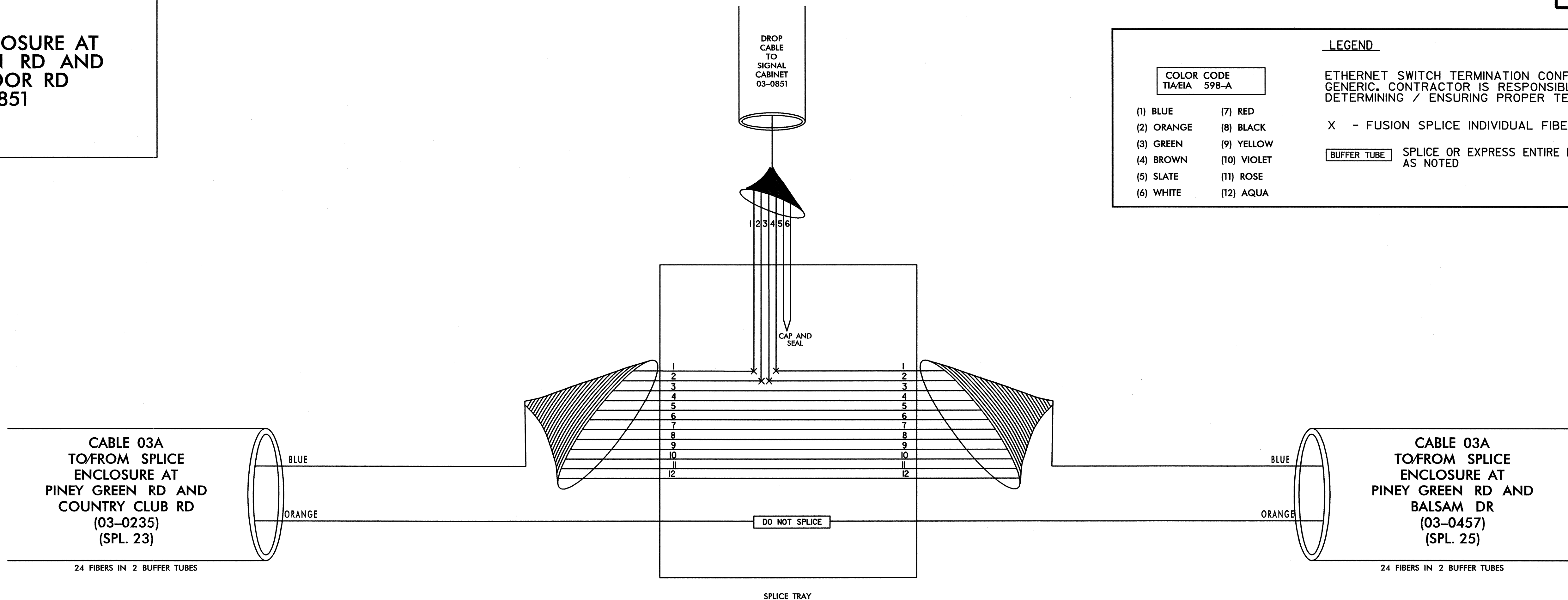
**SEAL**  
NORTH CAROLINA PROFESSIONAL ENGINEER  
MALE M. SMUSZ MENEZES  
031558

SIGNATURE: *[Signature]* DATE: 7.20.2011

7/20/2011 -\SPlicing\jox\_spl\_023.dgn

**SPLICE ENCLOSURE AT  
PINEY GREEN RD AND  
CREEDMOOR RD  
03-0851**

<b>COLOR CODE TIA/EIA 598-A</b>		<b>LEGEND</b>  ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	X - FUSION SPLICE INDIVIDUAL FIBER
(3) GREEN	(9) YELLOW	<b>BUFFER TUBE</b> SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



1. TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.  
2. SWITCH INTEGRATION TO BE PERFORMED UNDER U3810.

PLANS PREPARED IN  
THE OFFICE OF:  
  
Kimley-Horn  
and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 3	ONSLOW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	PREPARED BY:	REVIEWED BY:
SCALE 0 NONE	REVISIONS	INIT.	DATE
			7-20-2011

7/20/2011 1:51 PM \SPLICING\ax\_spl\_024.dgn

**SPLICE ENCLOSURE AT  
PINEY GREEN RD AND  
BALSAM DR  
03-0457**

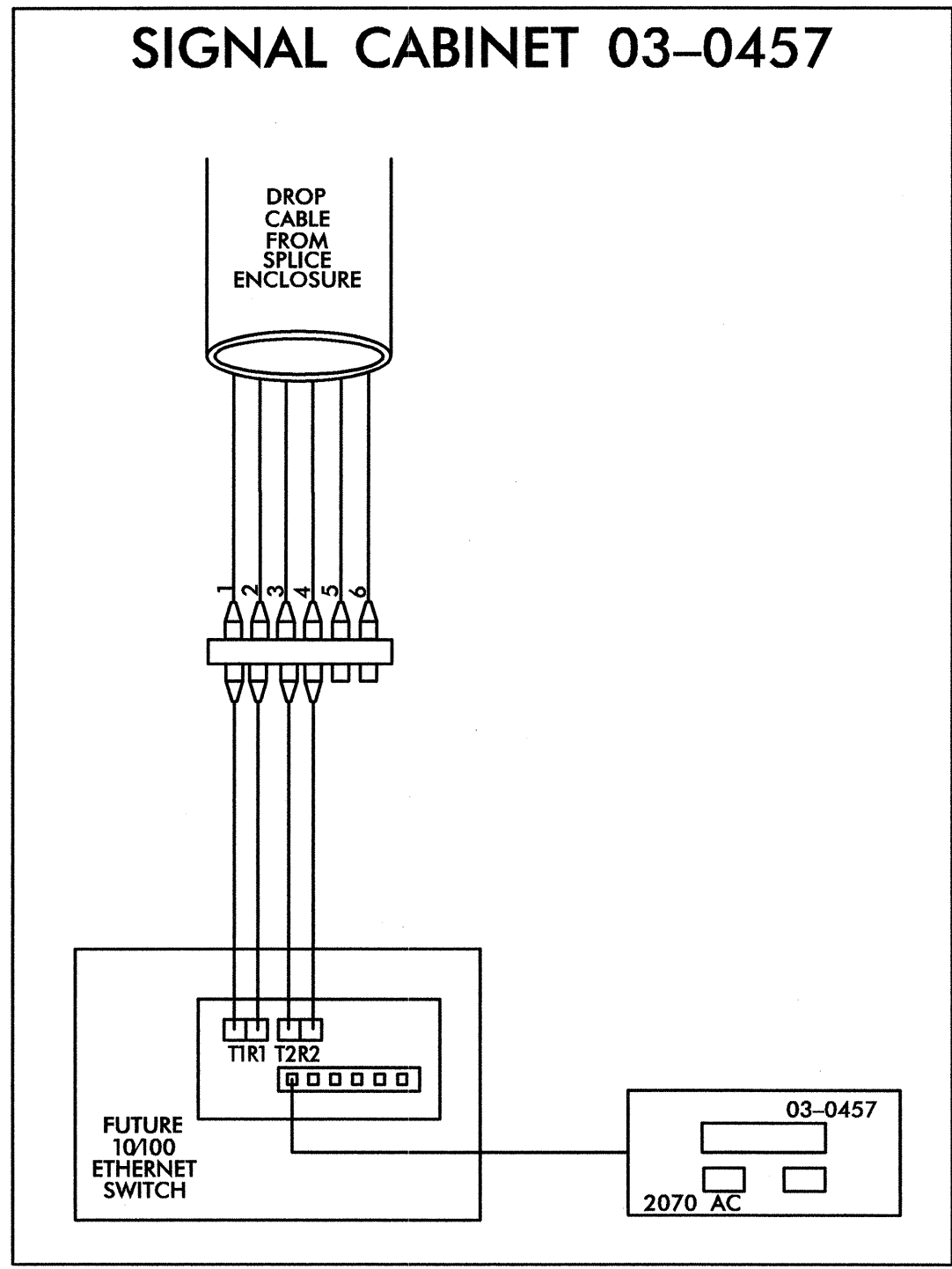
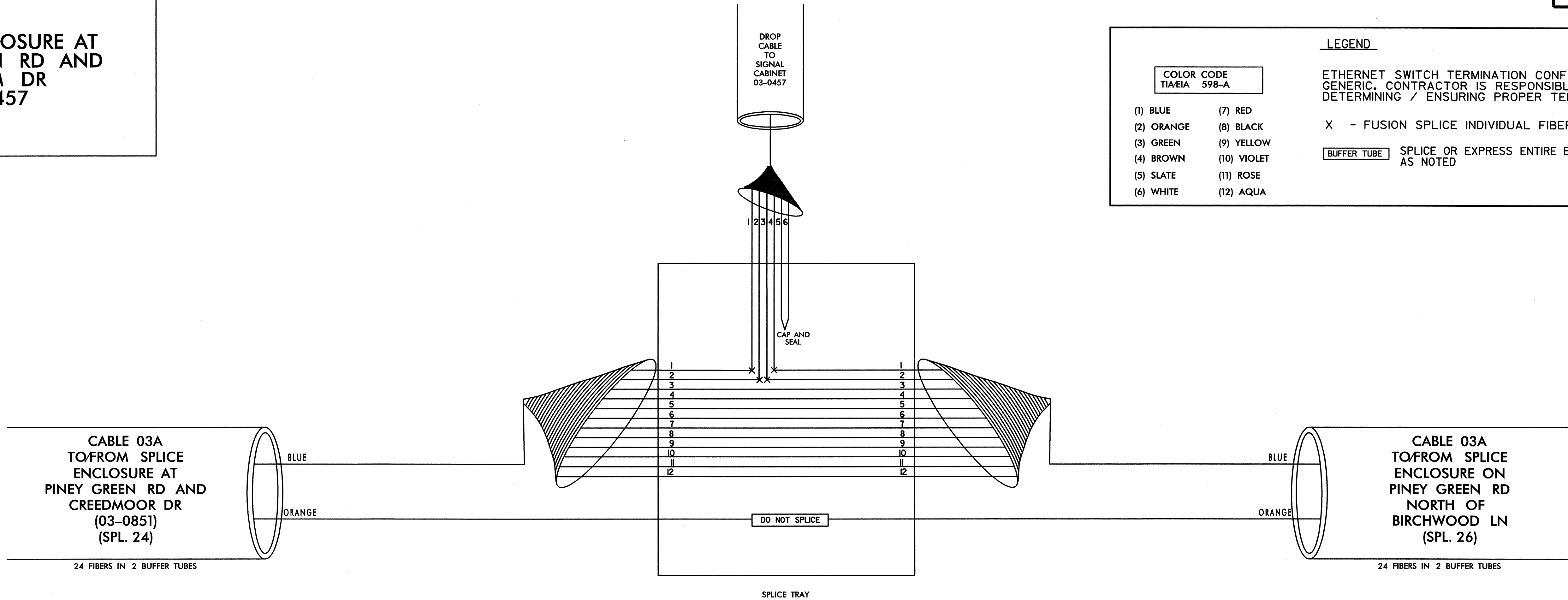
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



1. TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.  
2. SWITCH INTEGRATION TO BE PERFORMED UNDER U3810.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 3 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY:	
SCALE 0 NONE		SIGNATURE: <i>[Signature]</i> DATE: 7/20/2011	

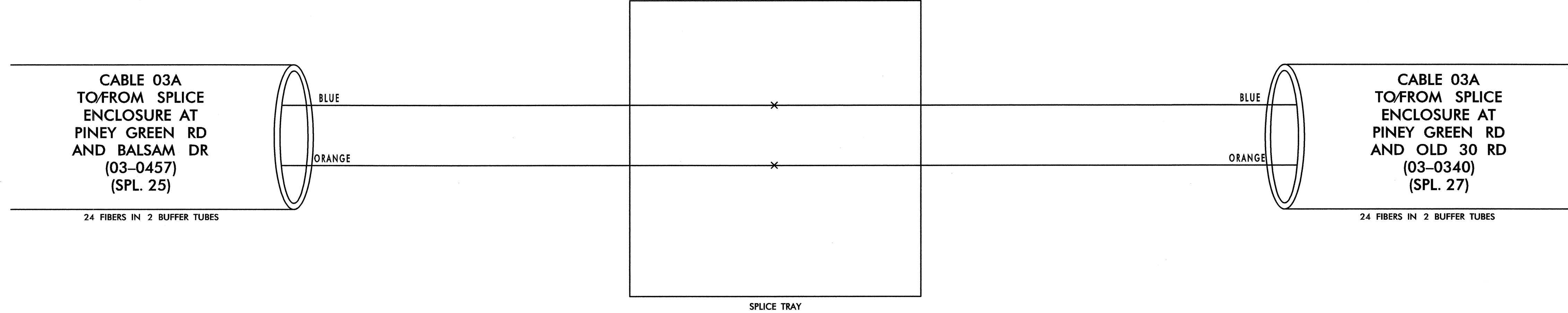
**SPLICE ENCLOSURE  
 ON PINEY GREEN RD  
 NORTH OF  
 BIRCHWOOD LN**

LEGEND

COLOR CODE TIA/EIA 598-A		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE (2) ORANGE (3) GREEN (4) BROWN (5) SLATE (6) WHITE	(7) RED (8) BLACK (9) YELLOW (10) VIOLET (11) ROSE (12) AQUA	

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



7/20/2011  
 -\SPlicing\jax\_spl\_026.dgn

PLANS PREPARED IN  
 THE OFFICE OF:  
  
**Kimley-Horn  
 and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh N.C. 27636-3068  
 (919) 677-2000

 CITY OF JACKSONVILLE DEPARTMENT OF TRANSPORTATION 750 N. Greenfield Place, Garner, NC 27529	<b>CITY OF JACKSONVILLE                  COMPUTERIZED SIGNAL SYSTEM                  SPLICE DIAGRAM</b>		
	GROUP 3 ONSLOW COUNTY		
	PLAN DATE: JULY 2011 PREPARED BY:	REVIEWED BY:	
SCALE 0 NONE	REVISIONS	INIT. DATE	SIGNATURE DATE 7.20.2011



**SPLICE ENCLOSURE AT  
PINEY GREEN RD AND  
OLD 30 RD  
03-0340**

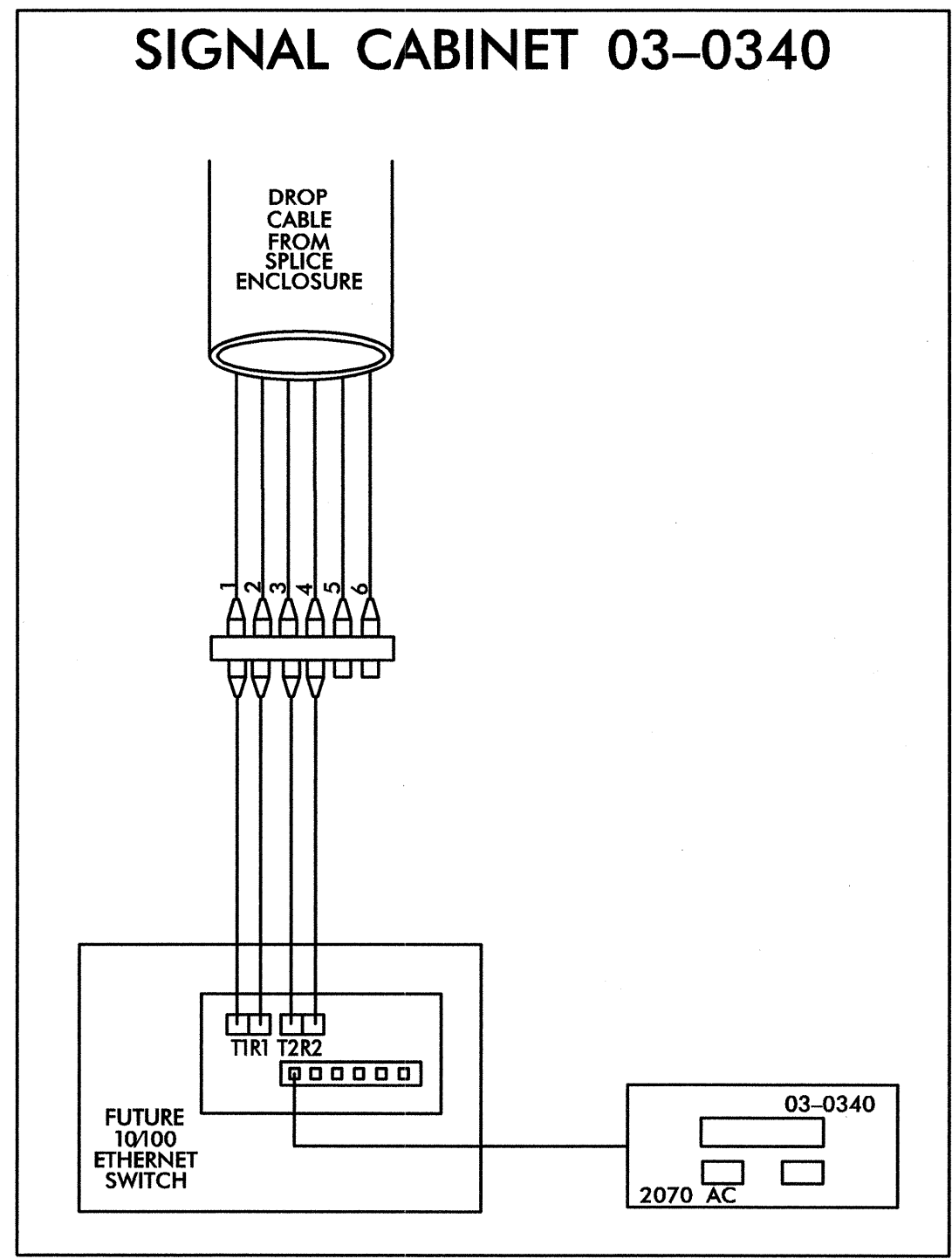
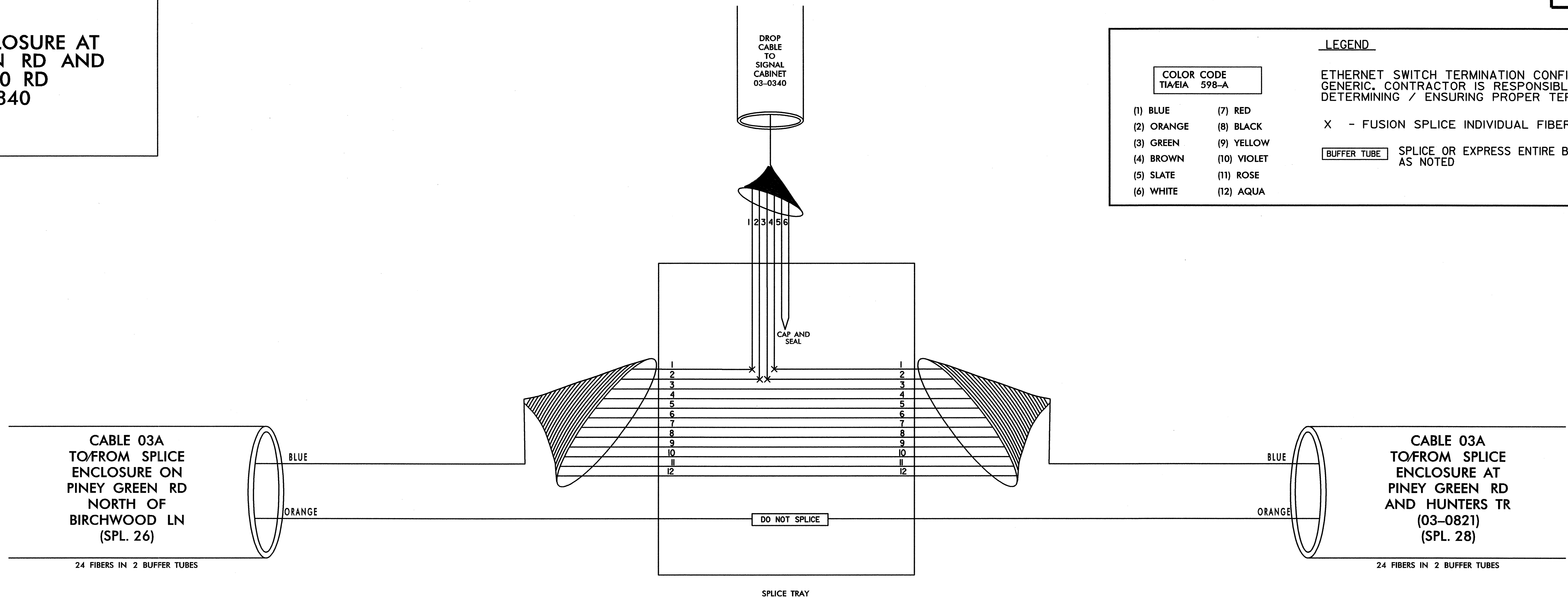
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



1. TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.  
2. SWITCH INTEGRATION TO BE PERFORMED UNDER U3810.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 3 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS INIT. DATE

0 NONE

750 N. Greenfield Pkwy., Garner, NC 27529

7.20.2011

SEAL 031558  
ENGINEER  
M. SMUSZ MENEZES

7/20/2011  
SPLACING\_jax\_spl\_d021.dgn

**SPLICE ENCLOSURE AT  
PINEY GREEN RD AND  
HUNTERS TR  
03-0821**

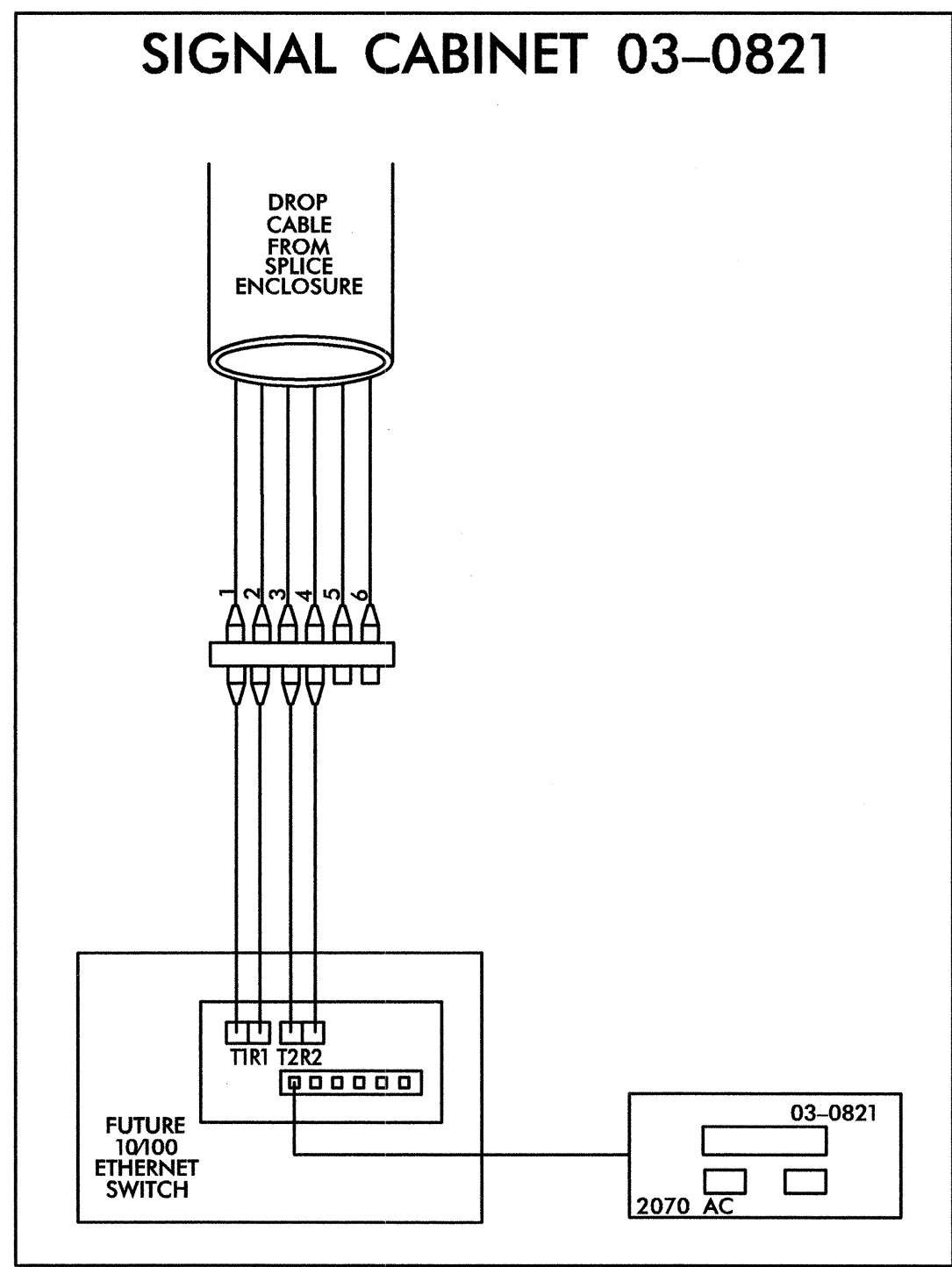
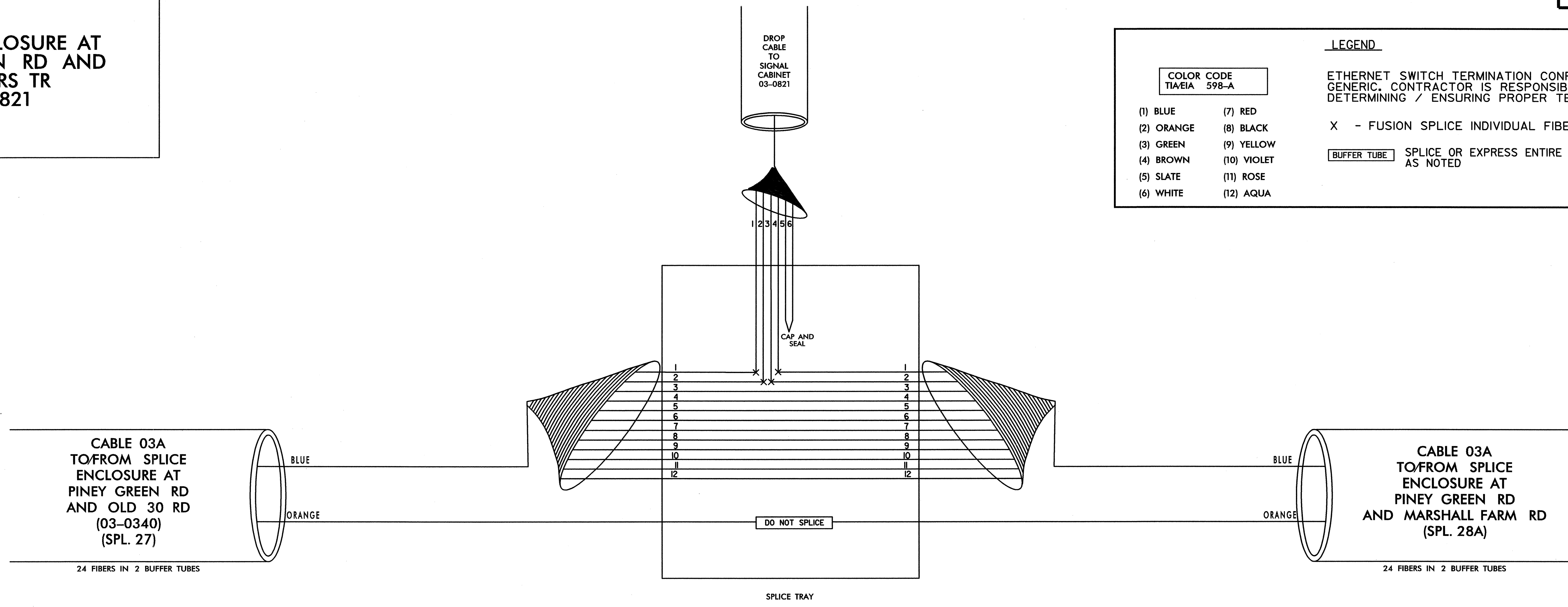
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



1. TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.  
2. SWITCH INTEGRATION TO BE PERFORMED UNDER U3810.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
	GROUP 3	ONSLOW COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:	
PREPARED BY:	REVIEWED BY:	
SCALE 0 NONE	REVISIONS	INIT. DATE

7/20/2011 SPLACING\jax\_spl\_028.dgn

**SPLICE ENCLOSURE AT  
PINEY GREEN RD AND  
MARSHALL FARM RD  
FUTURE CCTV**

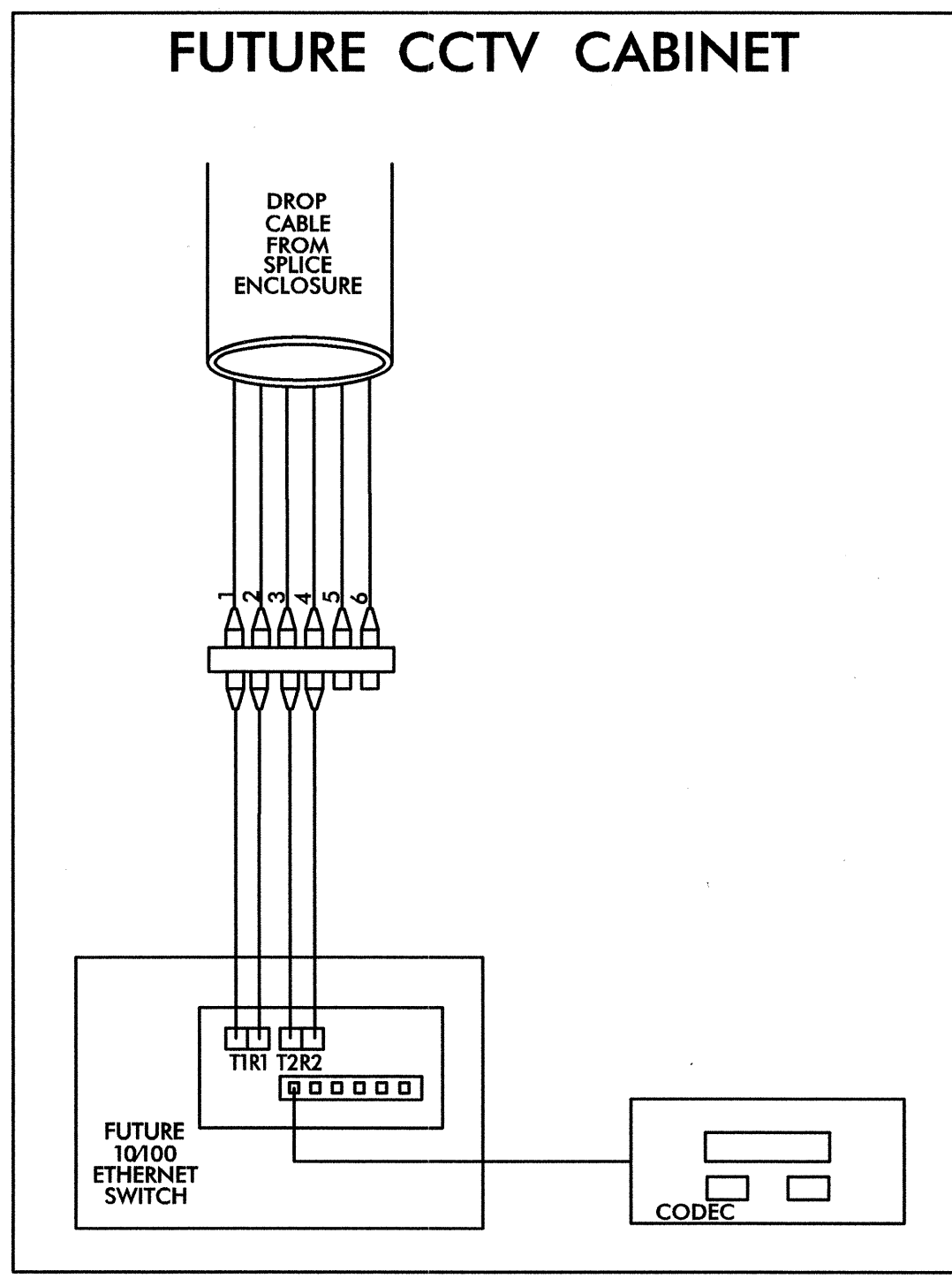
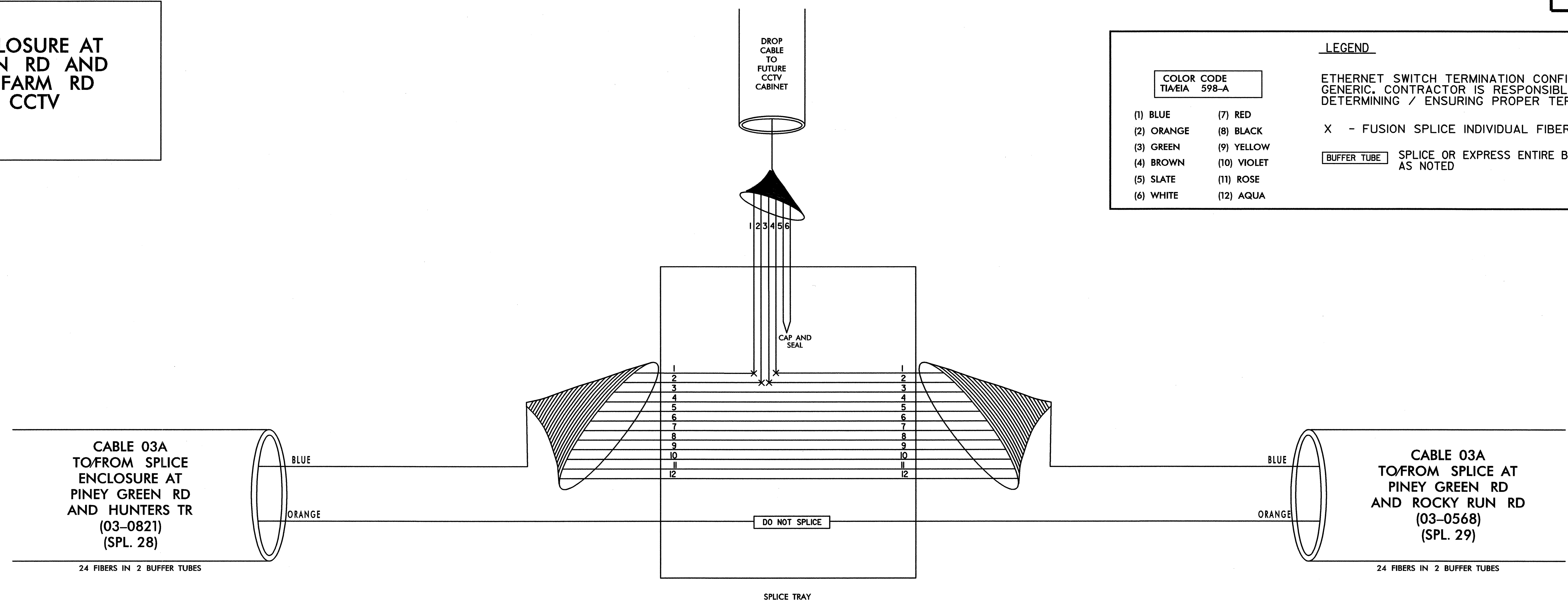
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



1. SWITCH INTEGRATION TO BE PERFORMED UNDER U3810.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE</b>		
	<b>COMPUTERIZED SIGNAL SYSTEM</b>		
<b>SPLICE DIAGRAM</b>		GROUP 3	ONSLOW COUNTY
PLAN DATE:	JULY 2011	REVIEWED BY:	
PREPARED BY:		REVIEWED BY:	
SCALE	0	REVISIONS	INIT. DATE
NONE			
		SIGNATURE	DATE
			7.20.2011

7/20/2011 -SPLICING\jax\_spl\_028A.dgn

**SPLICE ENCLOSURE AT  
PINEY GREEN RD AND  
ROCKY RUN RD  
03-0568**

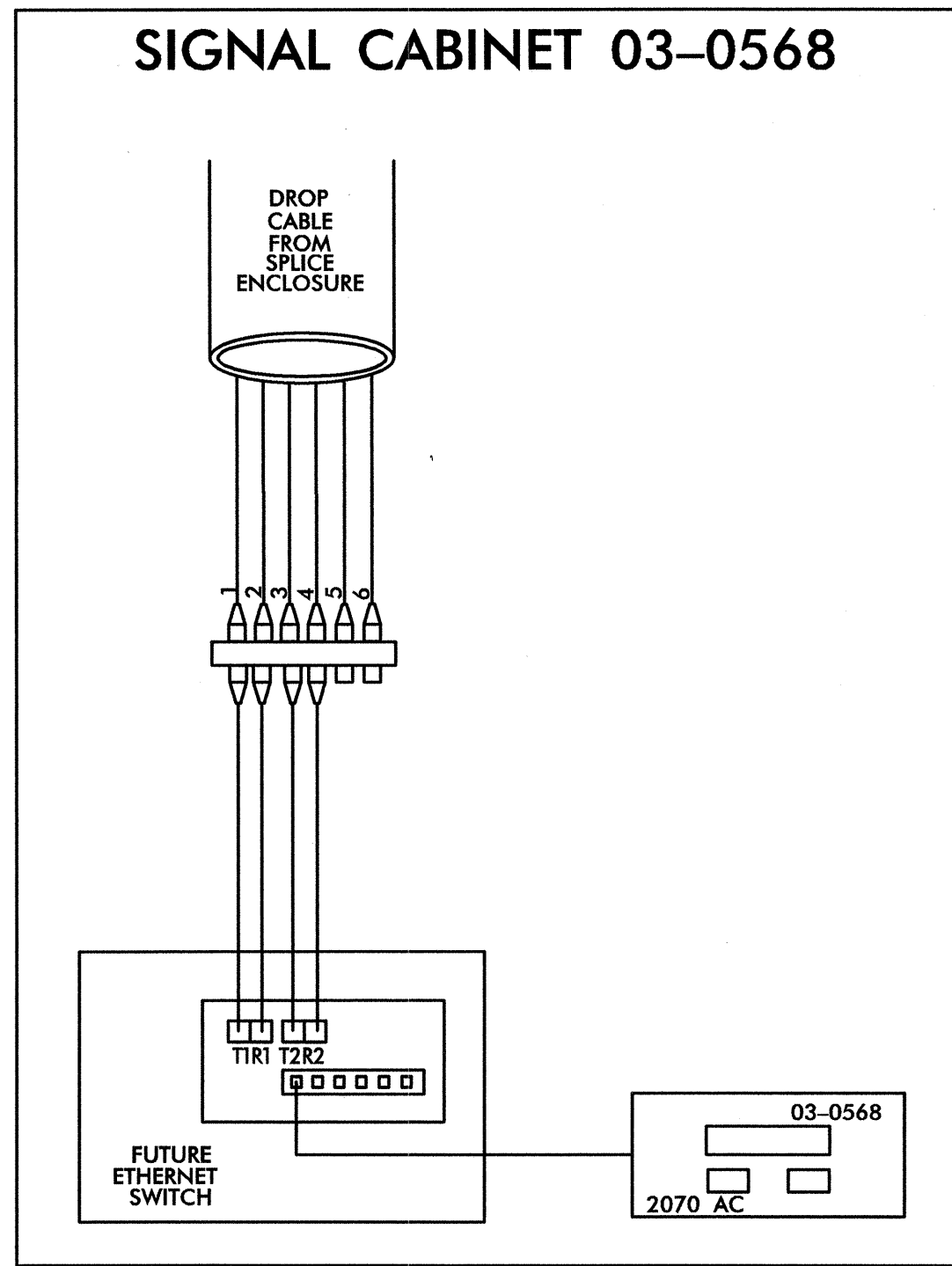
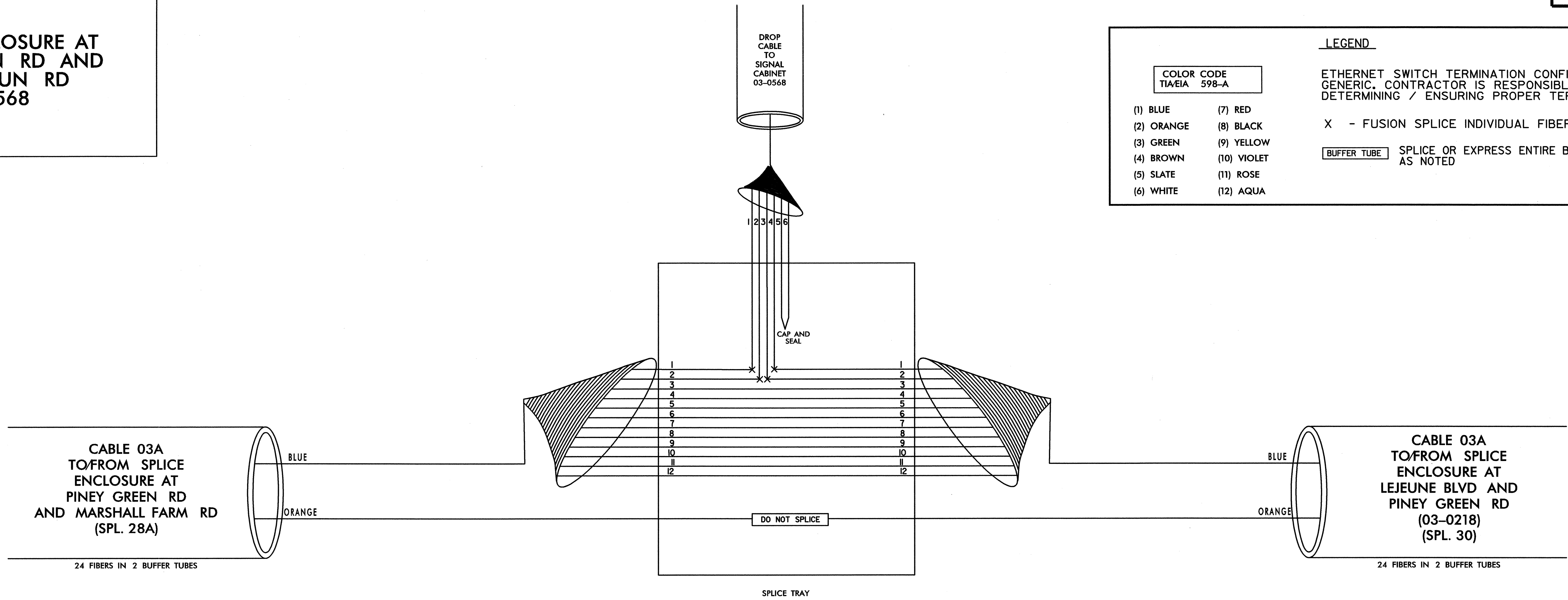
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



1. TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.  
2. SWITCH INTEGRATION TO BE PERFORMED UNDER U3810.

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

 CITY OF JACKSONVILLE DEPARTMENT OF TRANSPORTATION Transportation, Mobility and Public Division	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 3 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY: REVIEWED BY:	
REVISIONS _____		INIT. DATE _____	SIGNATURE DATE _____ 7.20.2011



**SPLICE ENCLOSURE AT  
LEJEUNE BLVD AND  
PINEY GREEN RD  
03-0218**

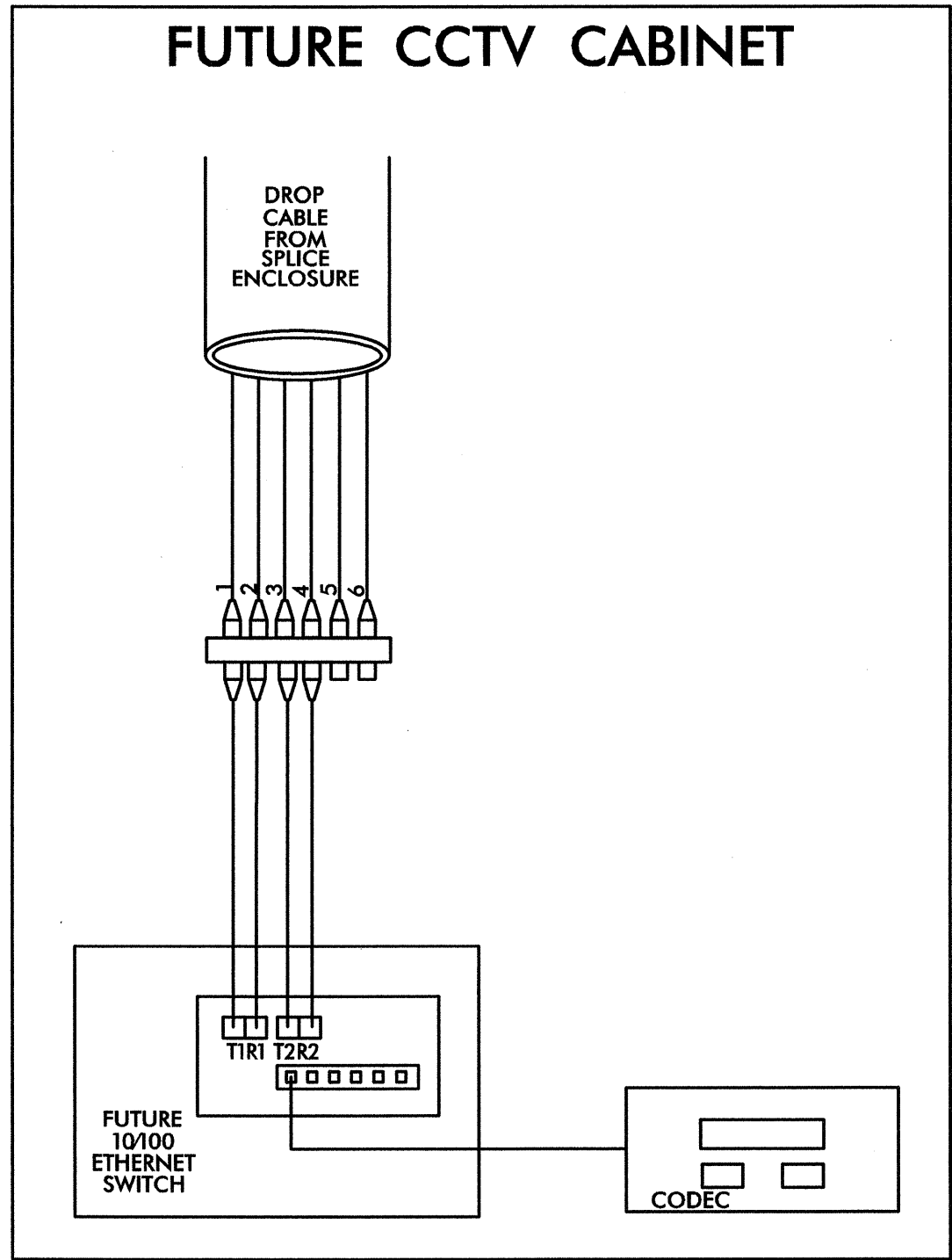
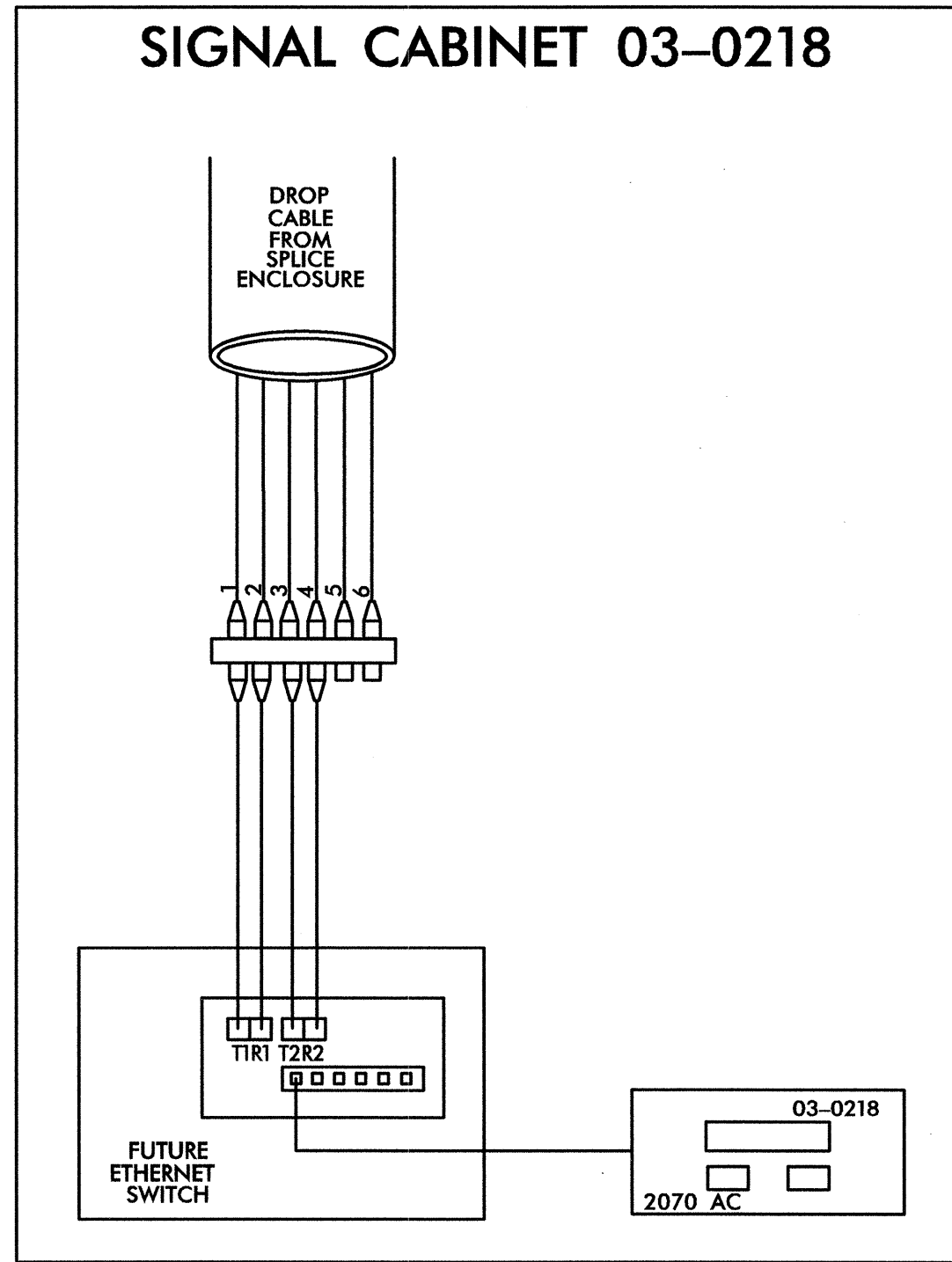
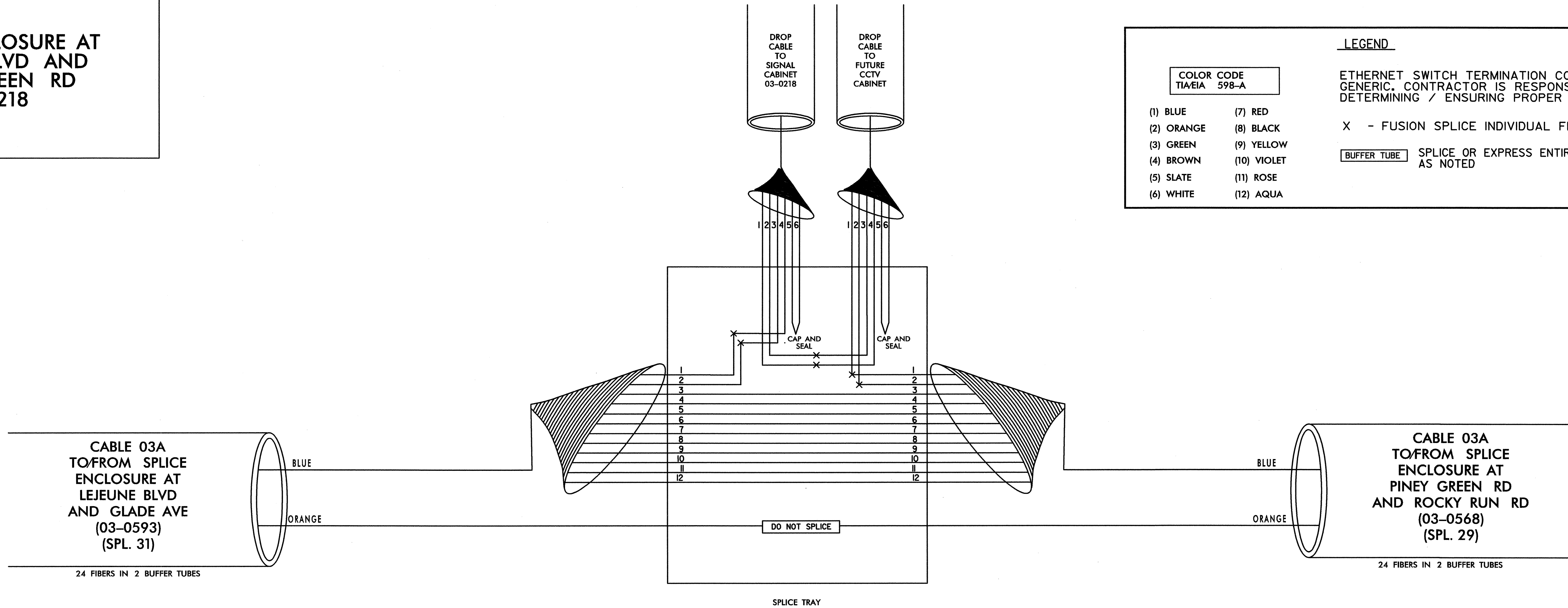
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



1. TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.  
2. SWITCH INTEGRATION TO BE PERFORMED UNDER U3810.

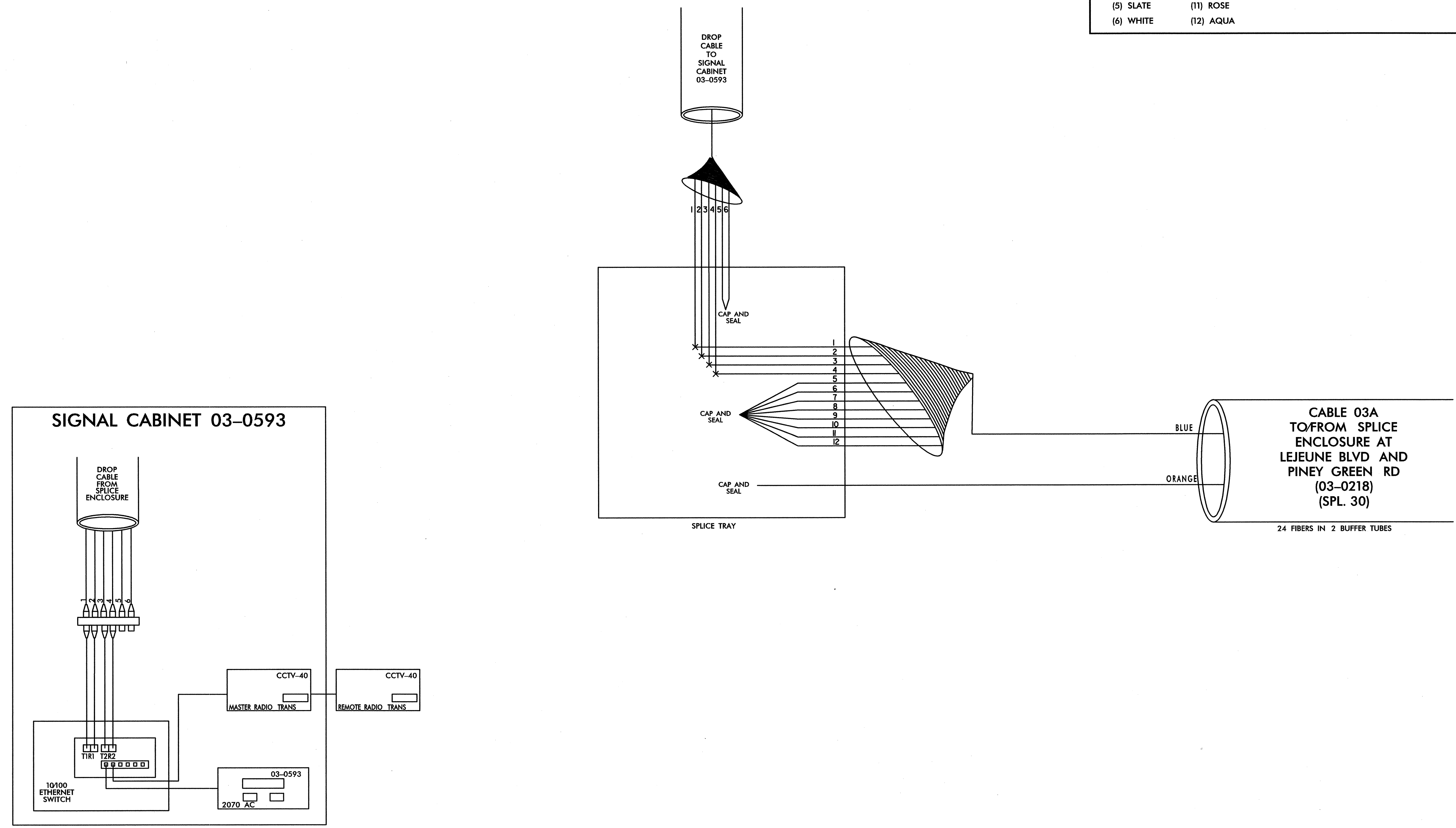
PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
	GROUP 3 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY: REVIEWED BY:
SCALE 0 NONE	REVISIONS INIT. DATE	SIGNATURE DATE

**SPLICE ENCLOSURE AT  
LEJEUNE BLVD  
AND GLADE AVE  
03-0593  
WIRELESS CCTV-40**

**LEGEND**

COLOR CODE TIA/EIA 598-A		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	X - FUSION SPLICE INDIVIDUAL FIBER
(3) GREEN	(9) YELLOW	<b>BUFFER TUBE</b> SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



1. TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.  
2. SWITCH INTEGRATION TO BE PERFORMED UNDER U3810.

7/25/2011 1:51:16 PM \SPLICING\jox\_spl\_031.dgn

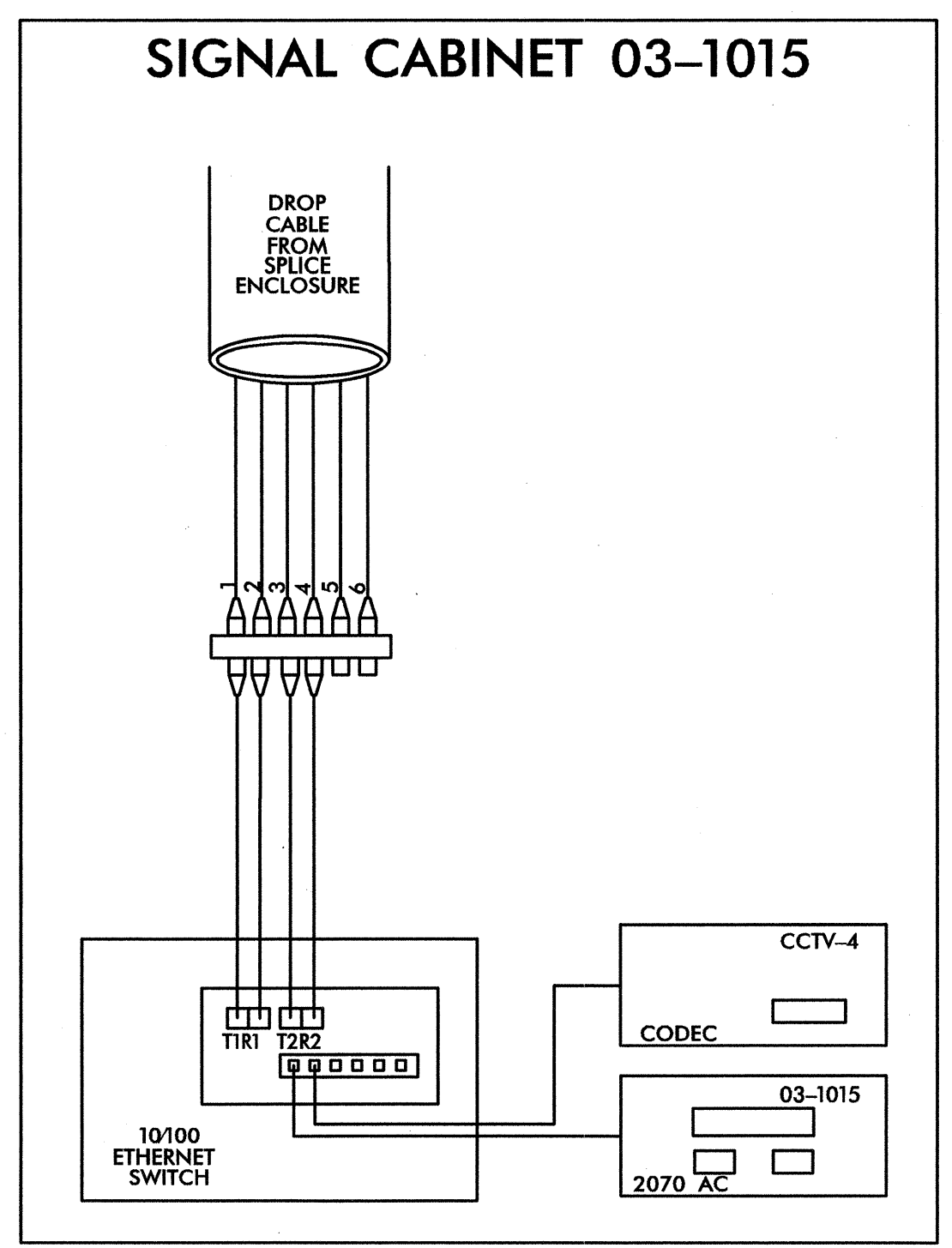
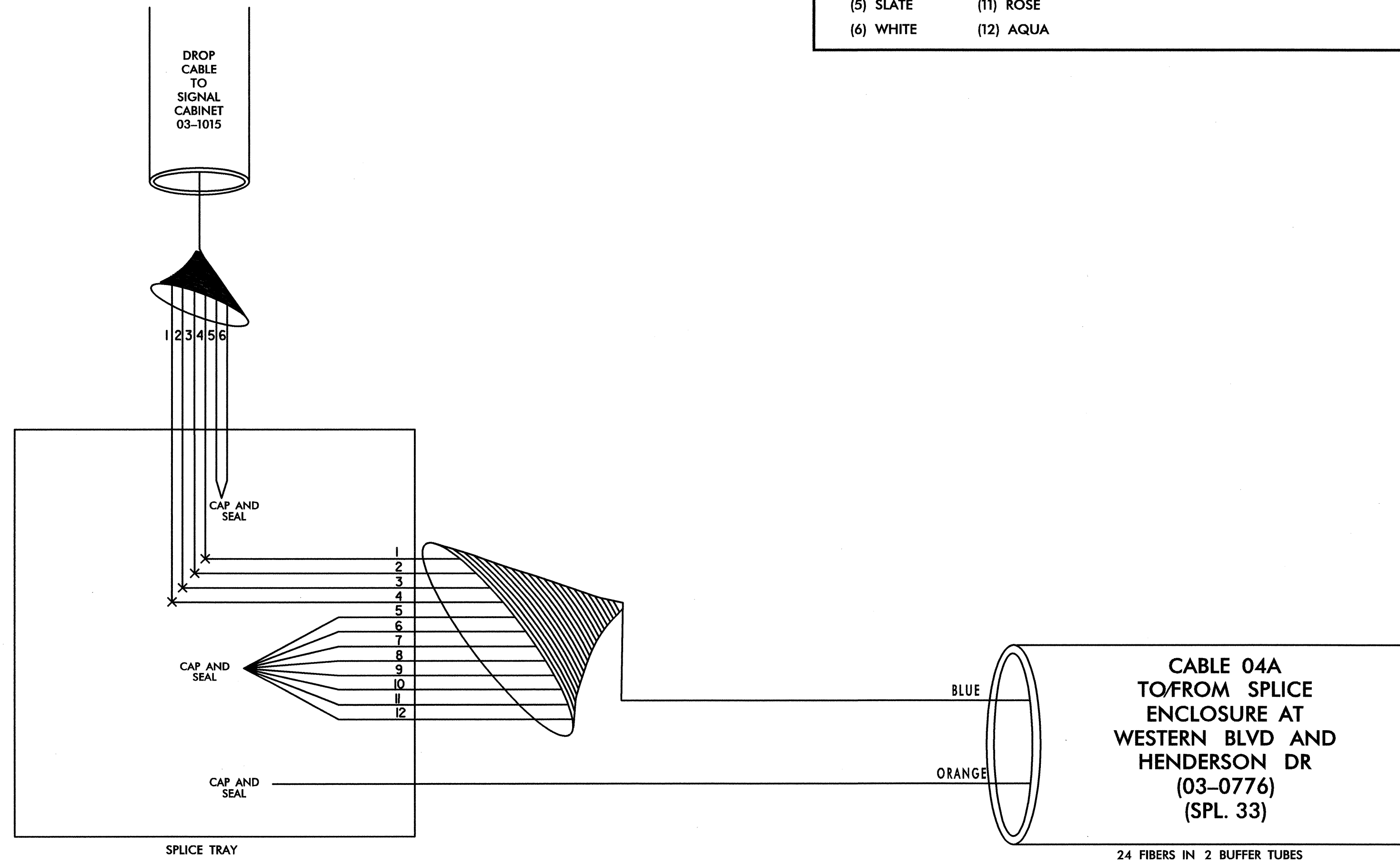
PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 3	ONSLAW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	PREPARED BY:	REVIEWED BY:
SCALE 0 NONE	REVISIONS	INIT.	DATE
			7.26.11

**SPLICE ENCLOSURE AT  
WESTERN BLVD AND  
CAROLINA FOREST BLVD  
03-1015  
CCTV-4**

**LEGEND**

COLOR CODE TIA/EIA 598-A		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	X - FUSION SPLICE INDIVIDUAL FIBER
(3) GREEN	(9) YELLOW	[BUFFER TUBE] SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
	GROUP 4	ONSLOW COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:	
PREPARED BY:	REVIEWED BY:	
SCALE 0 NONE	REVISIONS	INIT. DATE

SIGNATURE DATE 7.20.2011

7/20/2011 \\SP\JING\jox\_spl\_032.dgn

**SPLICE ENCLOSURE AT  
WESTERN BLVD AND  
HENDERSON DR  
03-0776  
CCTV-5**

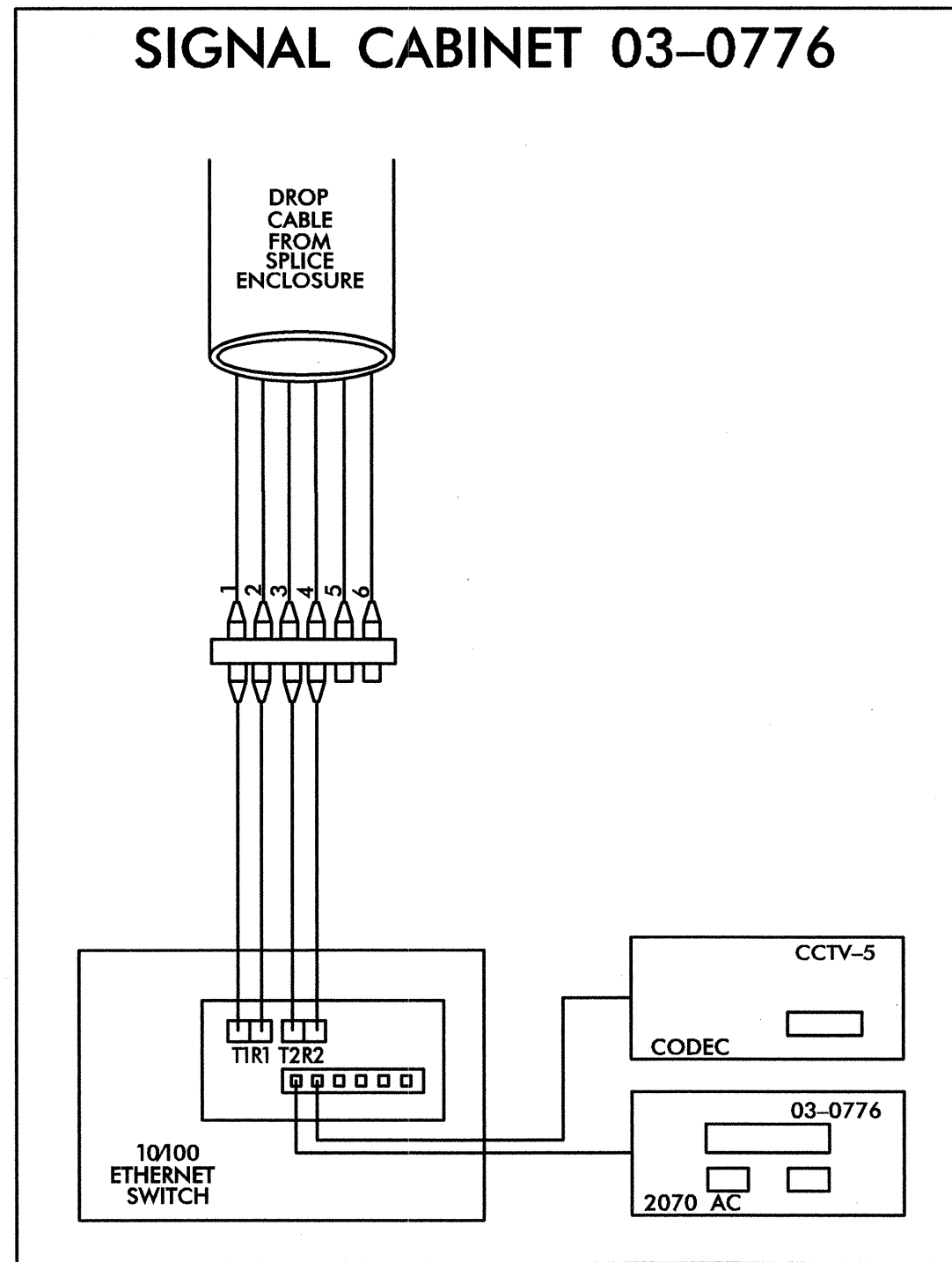
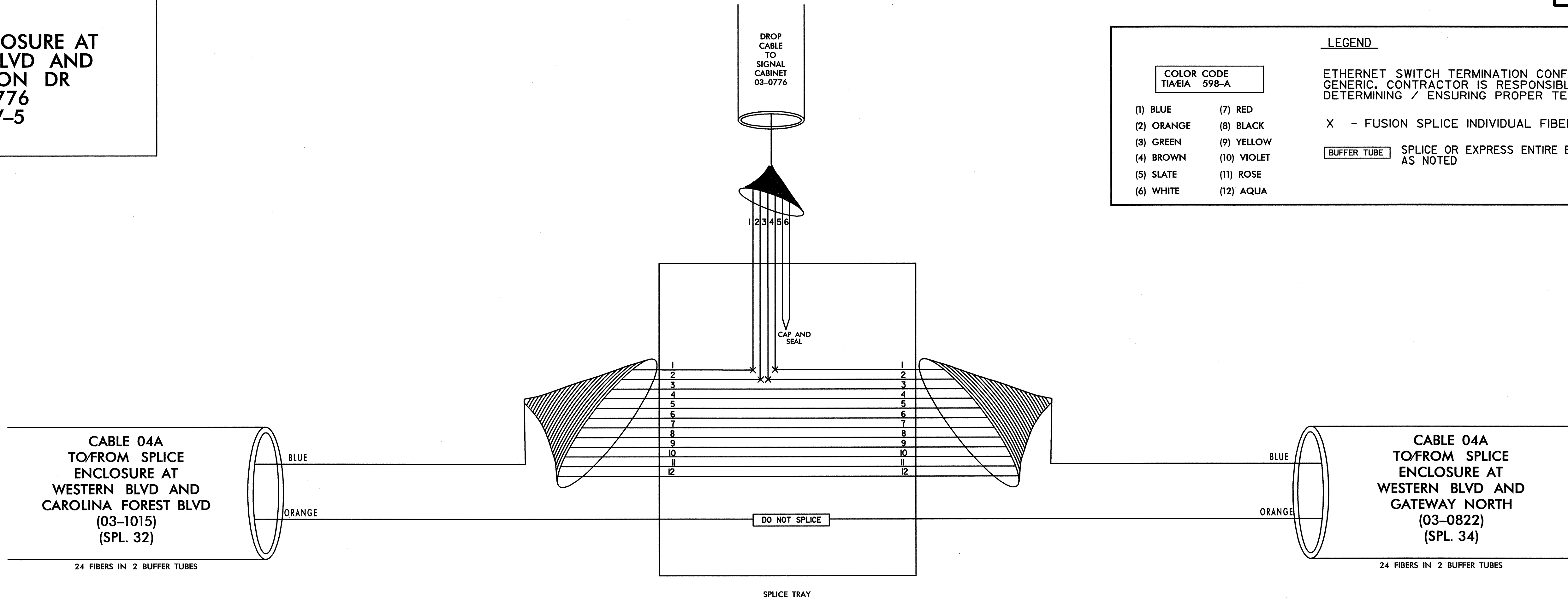
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 4 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS	INIT.	DATE

SCALE: 0 NONE

**PROFESSIONAL SEAL**  
NORTH CAROLINA PROFESSIONAL ENGINEER  
SEAL 031558  
M. SMUSZ

SIGNATURE: *[Signature]* DATE: 7.20.2011

7/20/2011 11:51:33 AM \\splicing\jox\_sp\_033.dgn

**SPLICE ENCLOSURE AT WESTERN BLVD AND GATEWAY NORTH**  
03-0822  
CCTV-6

**LEGEND**

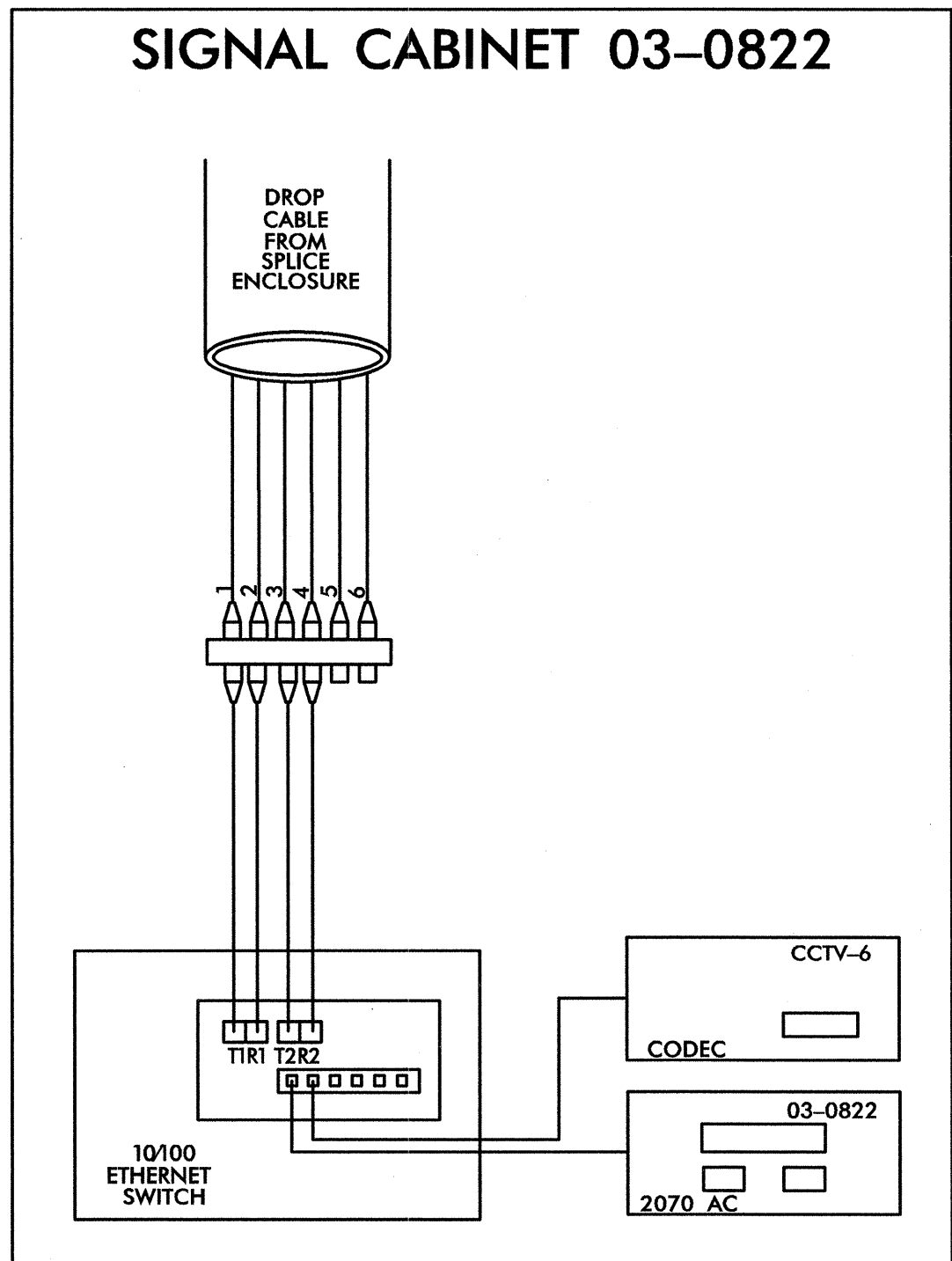
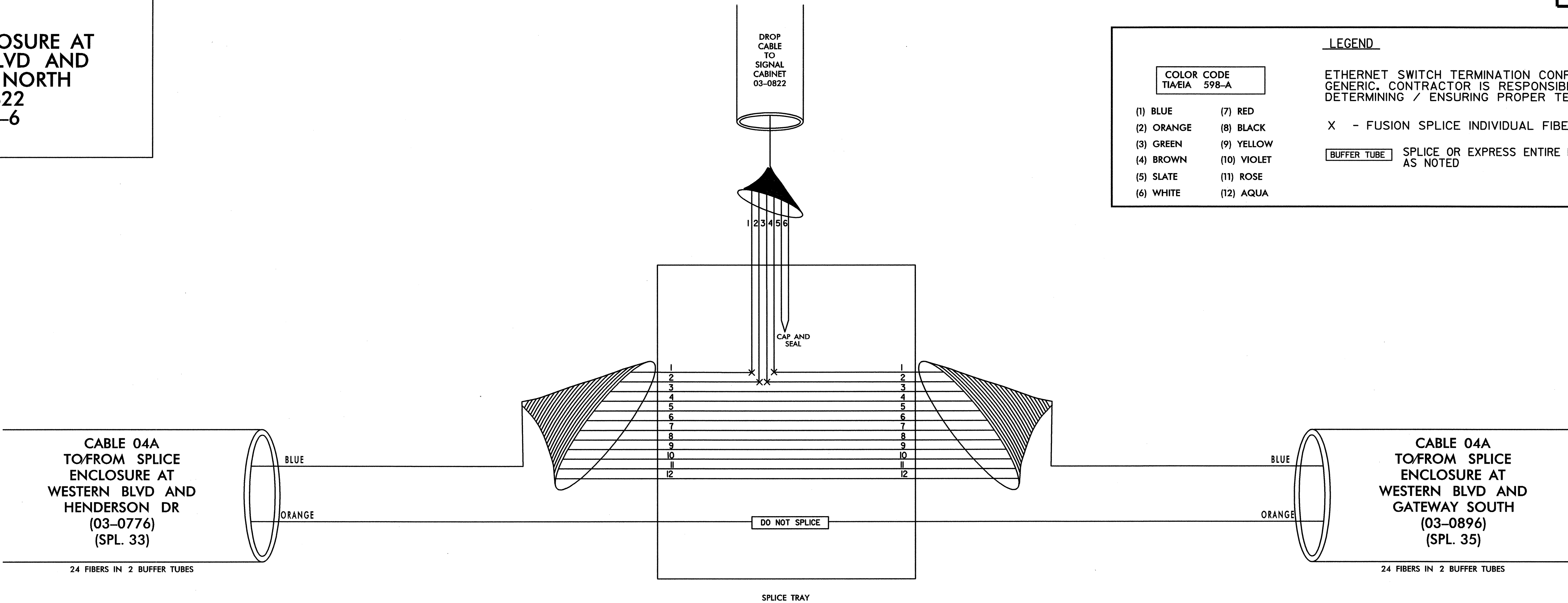
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**COLOR CODE**  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE</b> <b>COMPUTERIZED SIGNAL SYSTEM</b> <b>SPLICE DIAGRAM</b>		
	GROUP 4 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY:	
SCALE 0 NONE	REVISIONS	INIT. DATE	SIGNATURE: <i>Matthew M. Smutz</i> DATE: 7.20.2011

7/20/2011 1:51:30 PM \\splicing\jox\_spl\_034.dgn



**SPLICE ENCLOSURE AT  
WESTERN BLVD AND  
GATEWAY SOUTH  
03-0896**

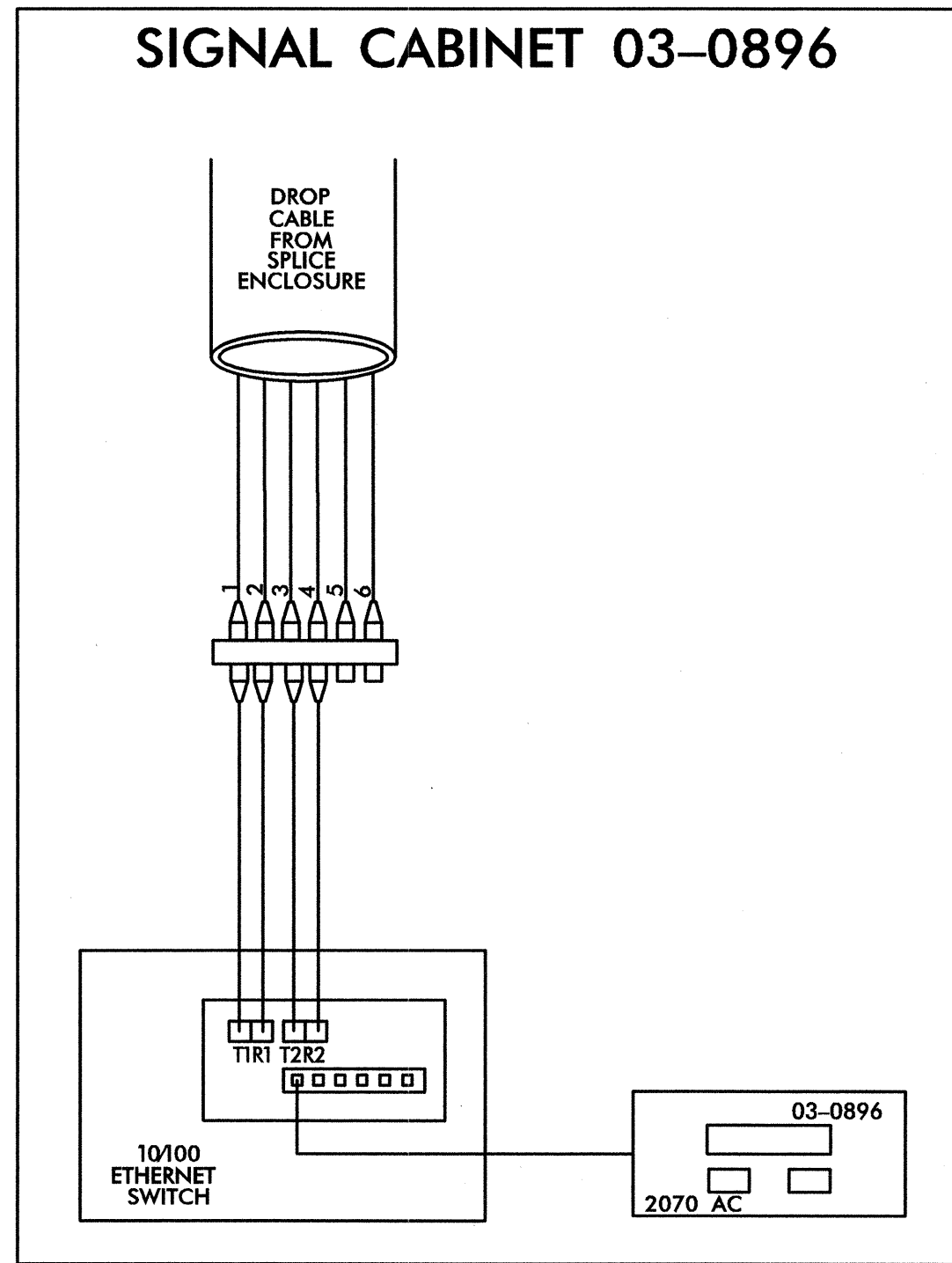
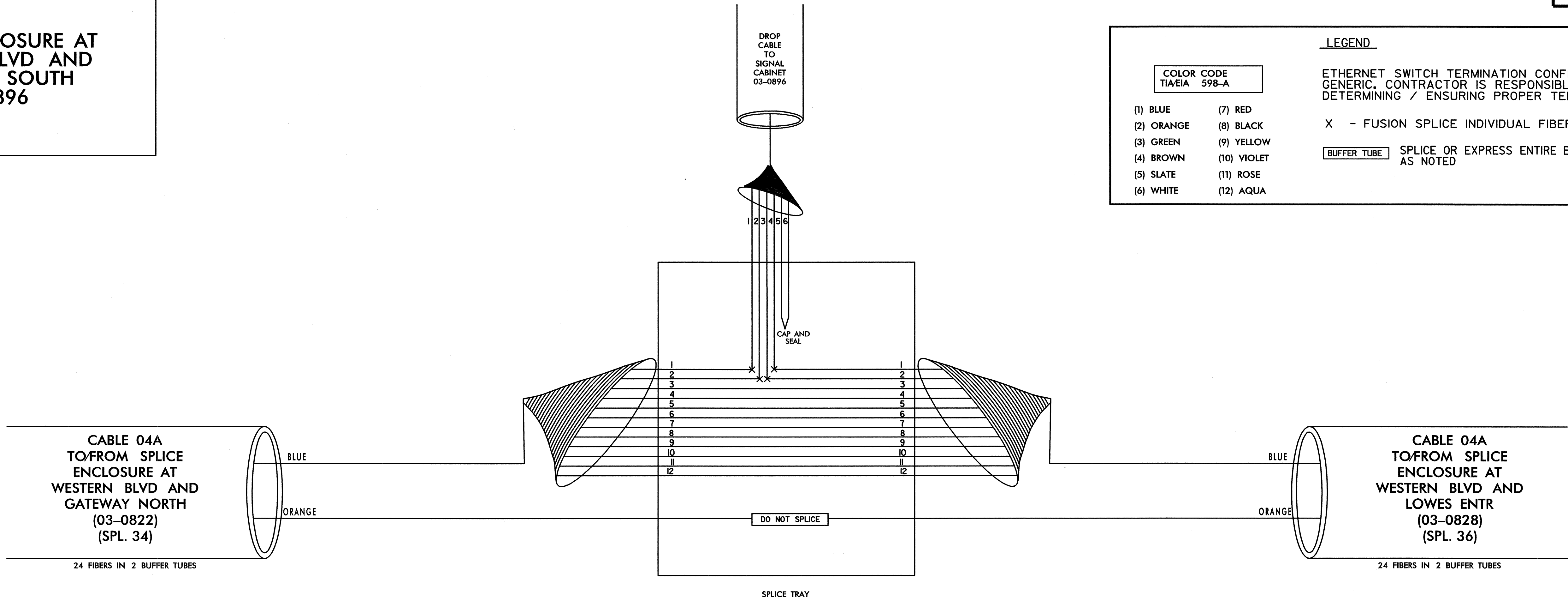
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 4	ONSLOW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	PREPARED BY:	REVIEWED BY:
SCALE 0 NONE	REVISIONS	INIT.	DATE
		7.20.11 SIGNATURE DATE	

**SPLICE ENCLOSURE AT WESTERN BLVD AND LOWES ENTR 03-0828**

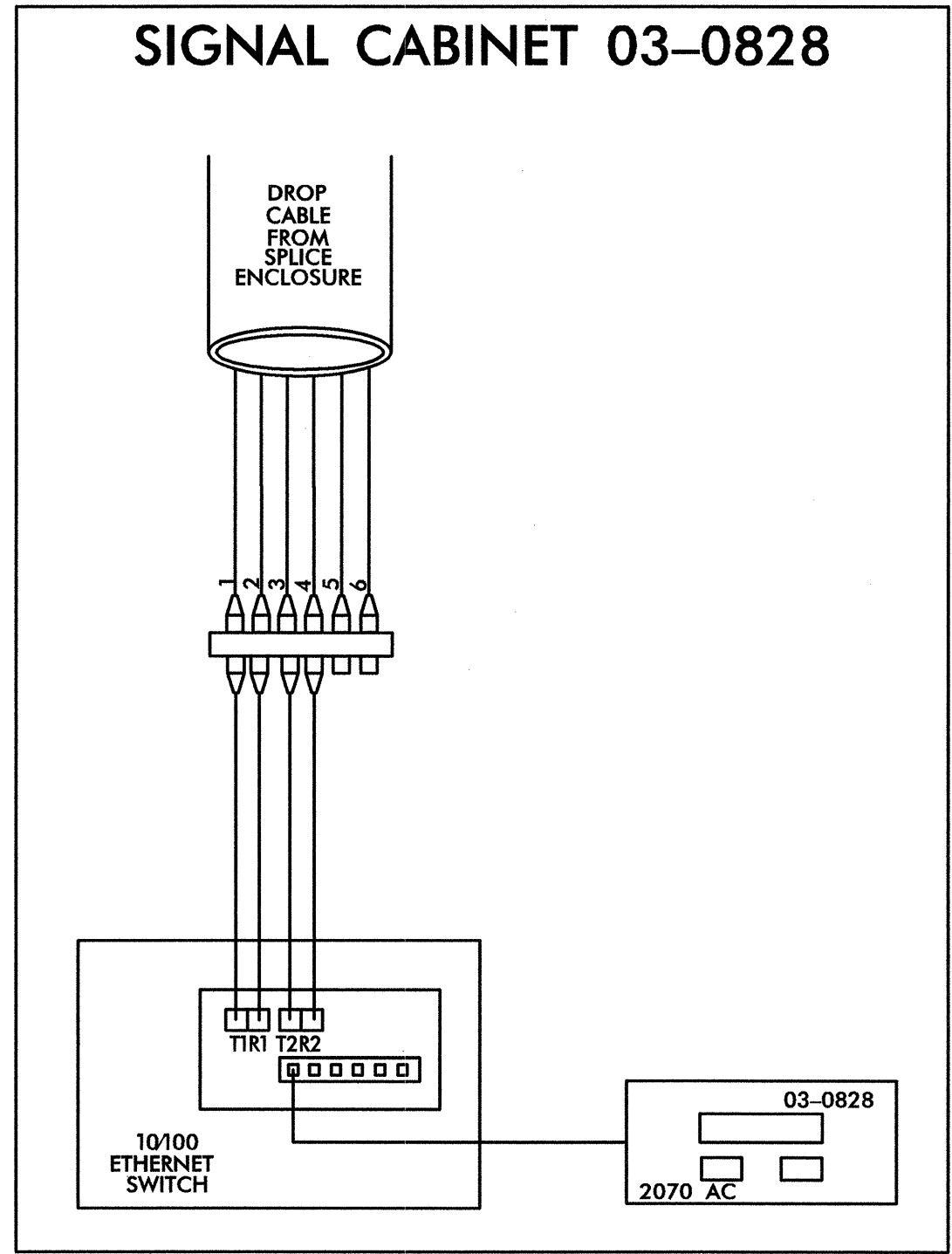
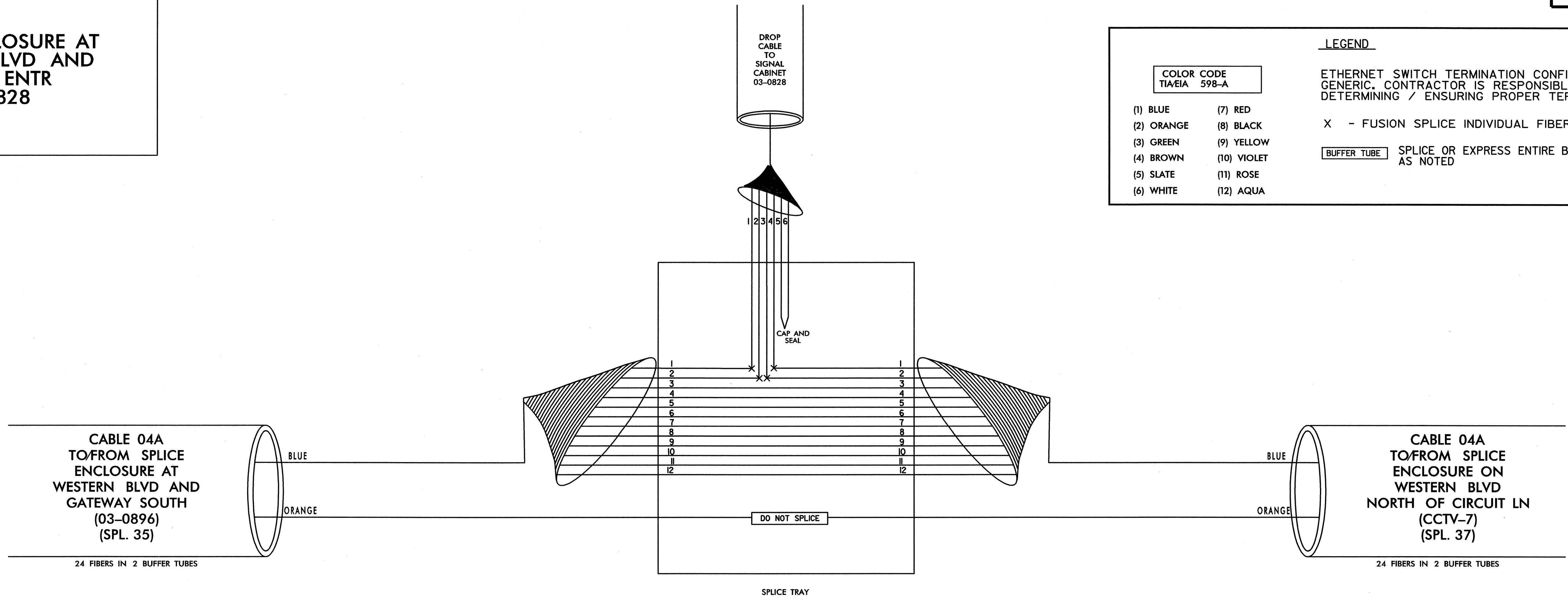
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

 CITY OF JACKSONVILLE DEPARTMENT OF TRANSPORTATION Mobility and Safety Division	<b>CITY OF JACKSONVILLE          COMPUTERIZED SIGNAL SYSTEM          SPLICE DIAGRAM</b>		 NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 031558 M. SMUSZ
	GROUP 4 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY:	

SCALE: NONE

SIGNATURE: *[Signature]* DATE: 7-20-2011

7/20/2011 \\SPlicing\jrx\_spl\_036.dgn

**SPLICE ENCLOSURE ON WESTERN BLVD NORTH OF CIRCUIT LN CCTV-7**

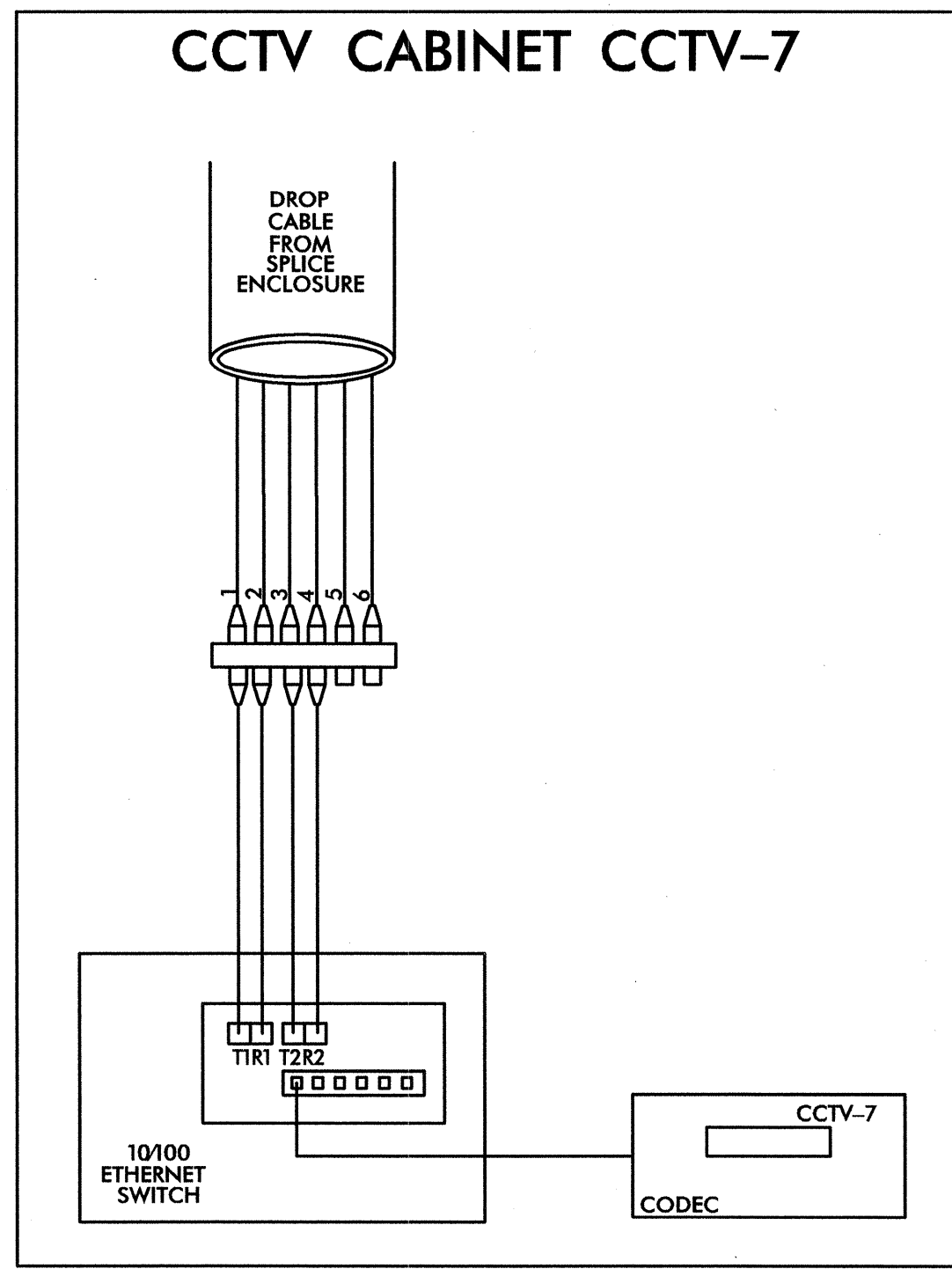
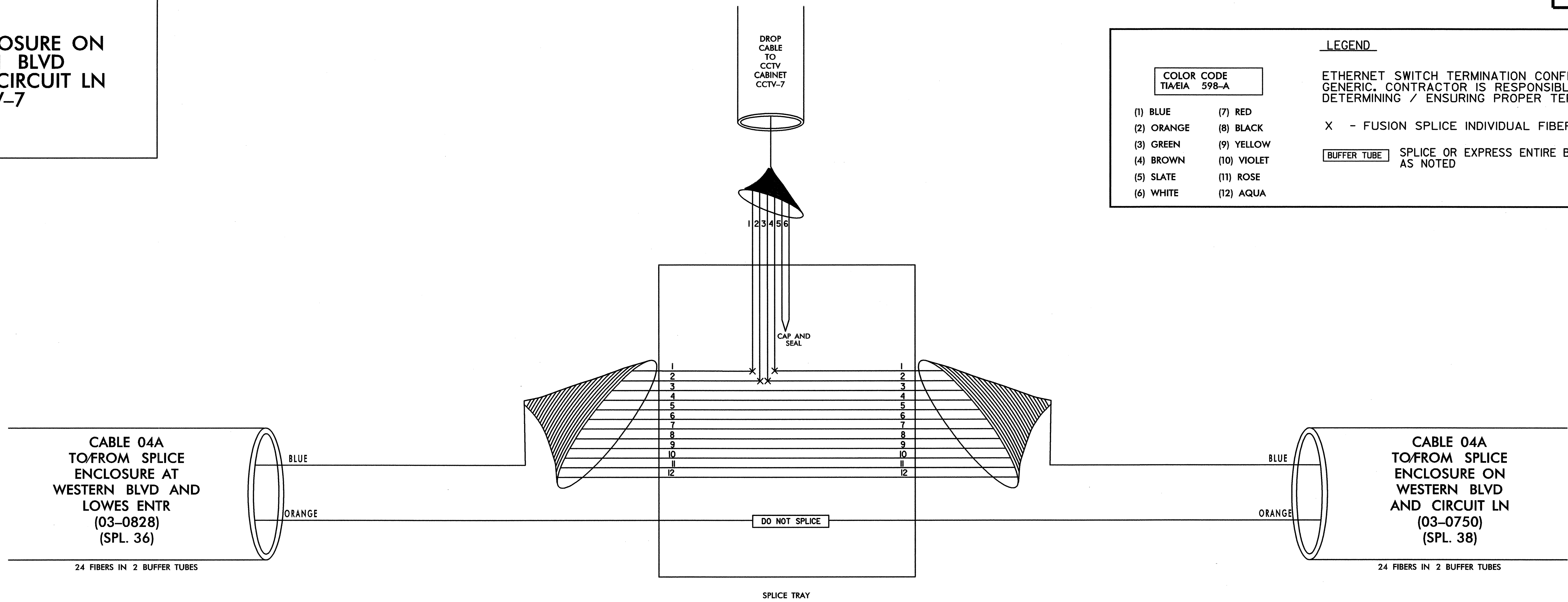
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh N.C. 27636-3068  
 (919) 677-2000

 CITY OF JACKSONVILLE PROFESSIONAL SEAL 031558 M. SMUSZ M. ENGINEER	<b>CITY OF JACKSONVILLE</b> <b>COMPUTERIZED SIGNAL SYSTEM</b> <b>SPLICE DIAGRAM</b>	
	GROUP 4 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY: REVIEWED BY:
SCALE 0 NONE	REVISIONS INIT. DATE	SIGNATURE DATE 7.20.2011

7/20/2011 \\SP\JING\jax\_spl\_037.dgn

**SPLICE ENCLOSURE AT WESTERN BLVD AND CIRCUIT LN 03-0750**

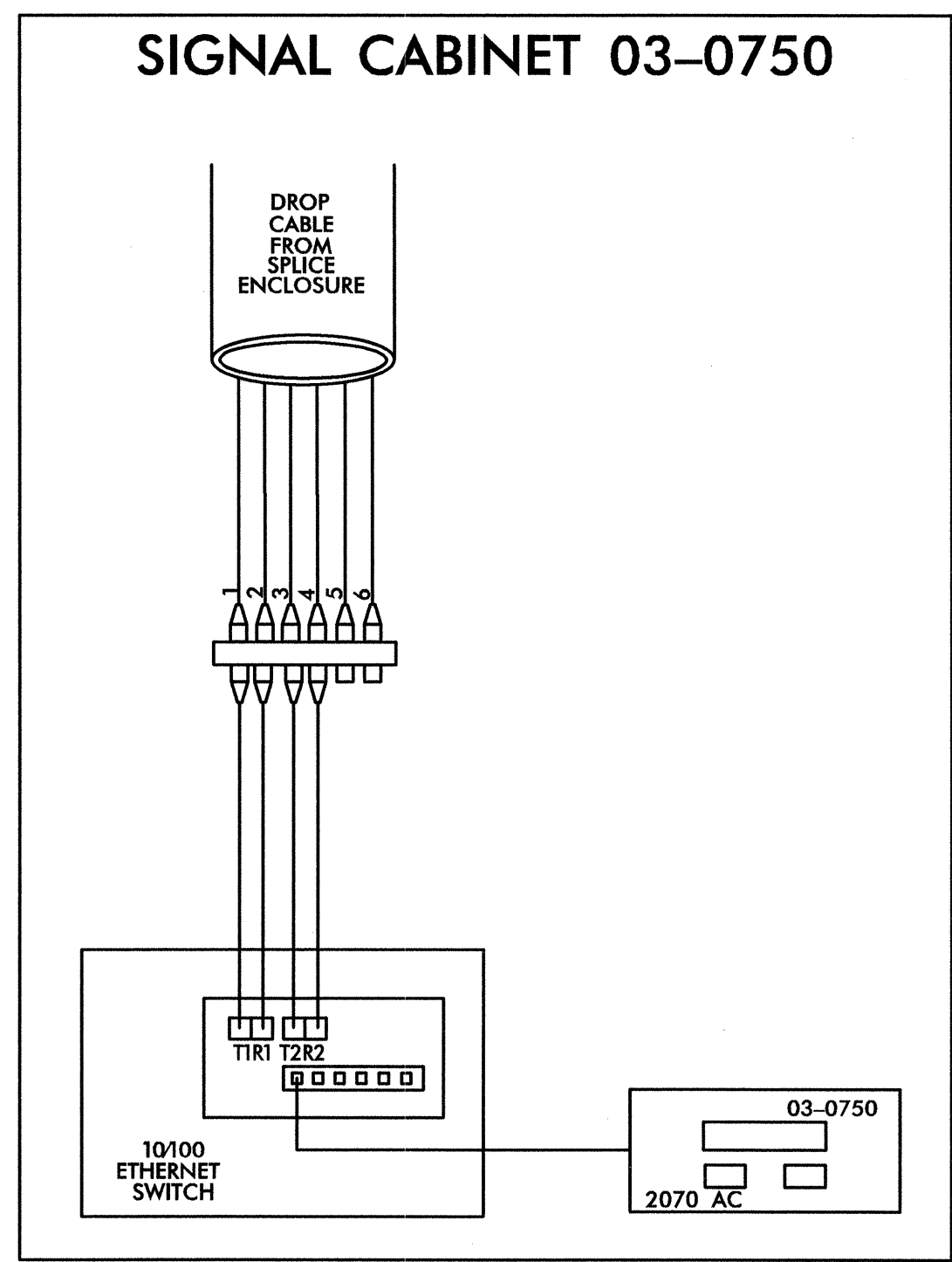
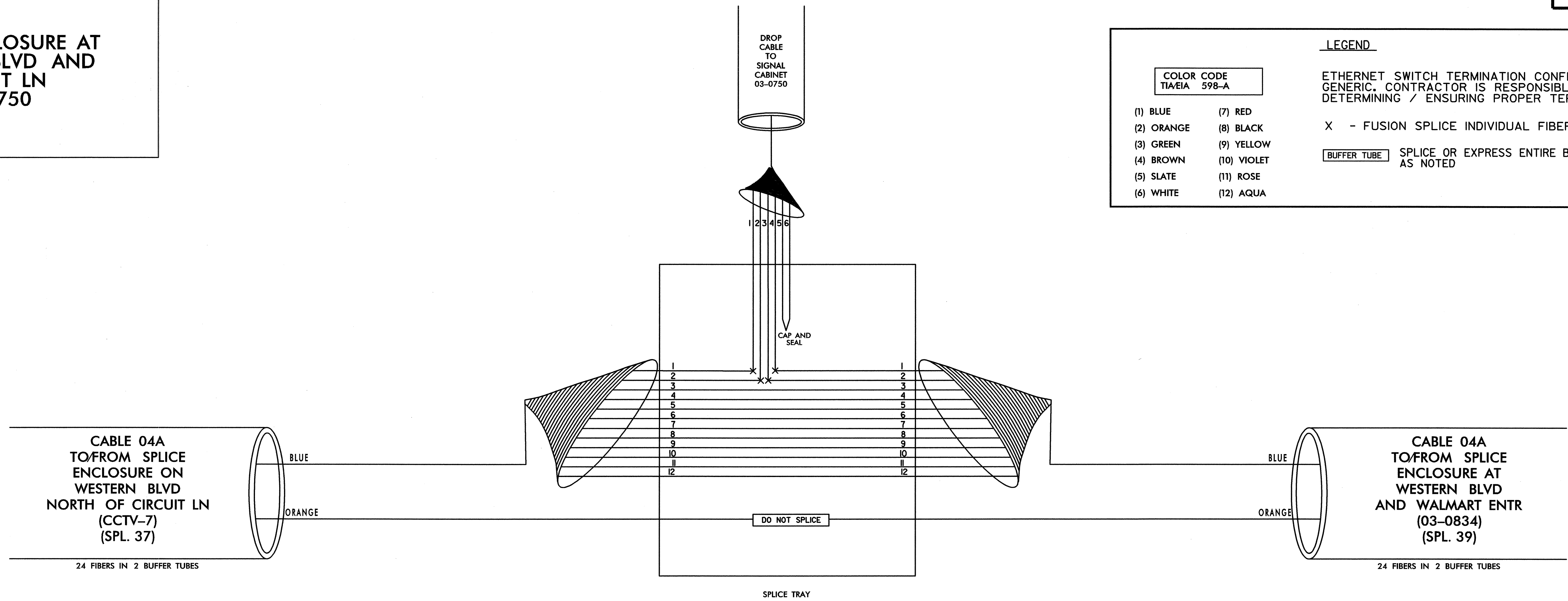
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
 Kimley-Horn and Associates, Inc.  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

**CITY OF JACKSONVILLE**  
**COMPUTERIZED SIGNAL SYSTEM**  
**SPLICE DIAGRAM**

GROUP 4 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS	INIT.	DATE

SCALE: 0 NONE

SIGNATURE: DATE: 7.20.2011

7/20/2011 -\SPlicing\jax\_spl\_038.dgn

**SPLICE ENCLOSURE AT WESTERN BLVD AND WALMART ENTR 03-0834**

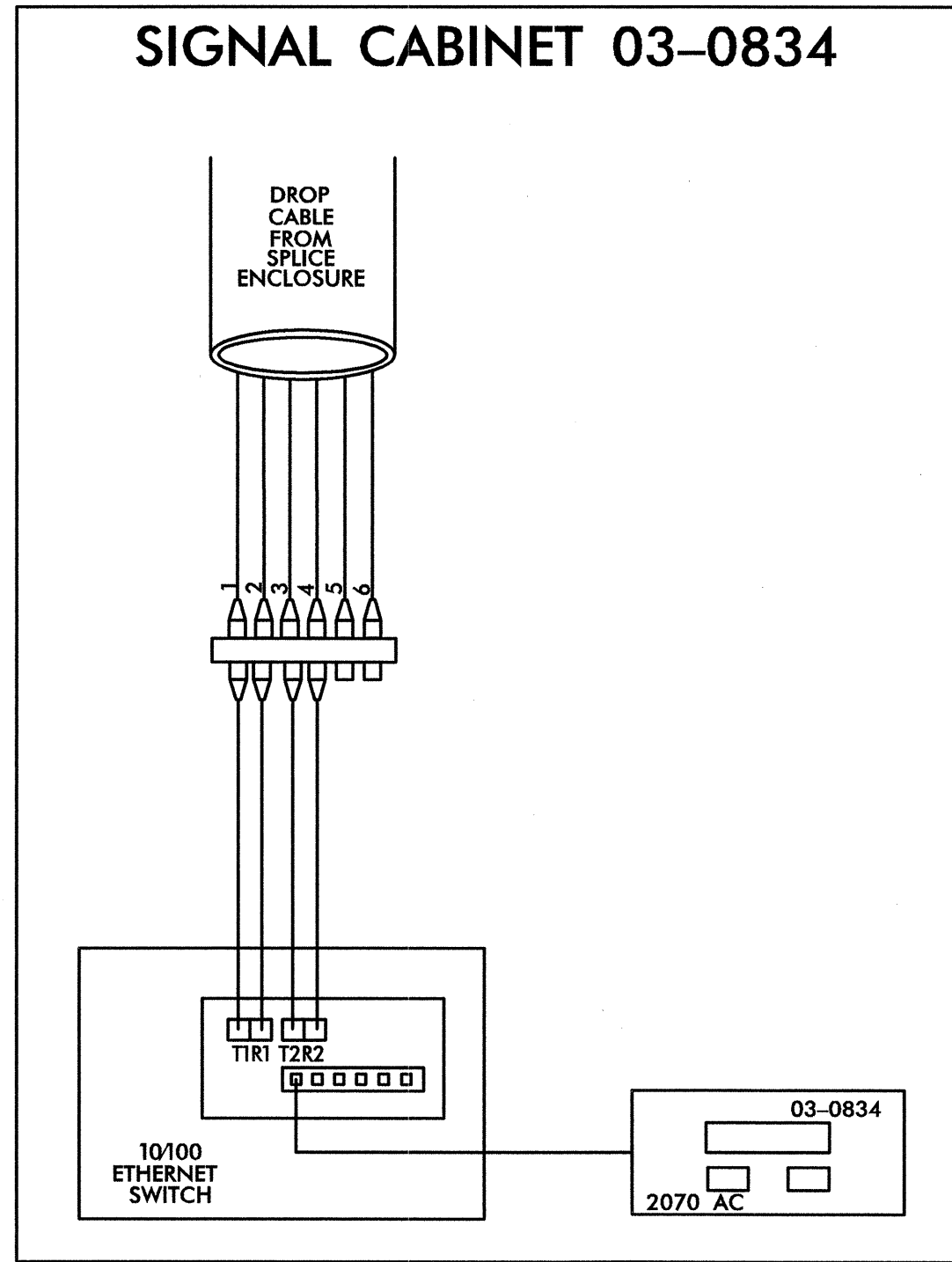
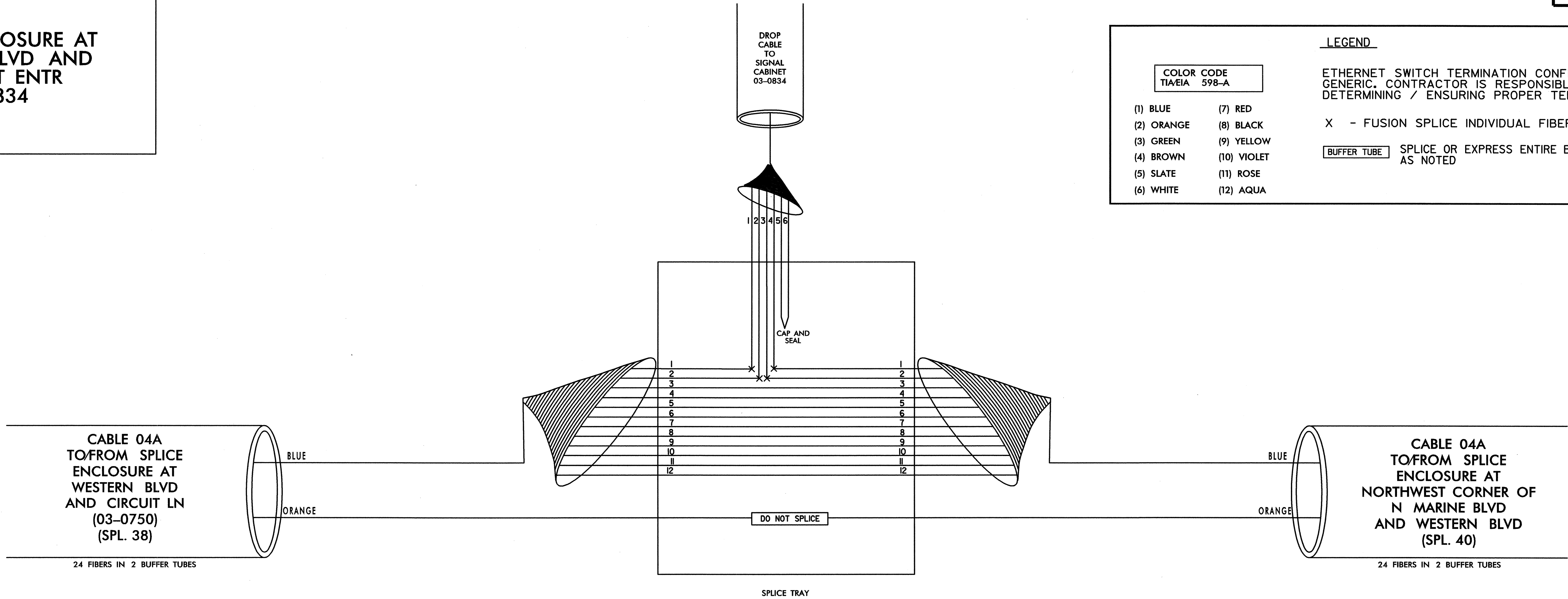
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh N.C. 27636-3068  
 (919) 677-2000

**CITY OF JACKSONVILLE**  
**COMPUTERIZED SIGNAL SYSTEM**  
**SPLICE DIAGRAM**

GROUP 4 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVISIONS INIT. DATE

SCALE: 0 NONE

SIGNATURE: *[Signature]* DATE: 7.20.2011

7/20/2011 11:51:10 AM \\splicing\jcx\_spl\_039.dgn



**SPLICE ENCLOSURE  
AT N MARINE BLVD  
AND US 17 BYPASS**

**LEGEND**

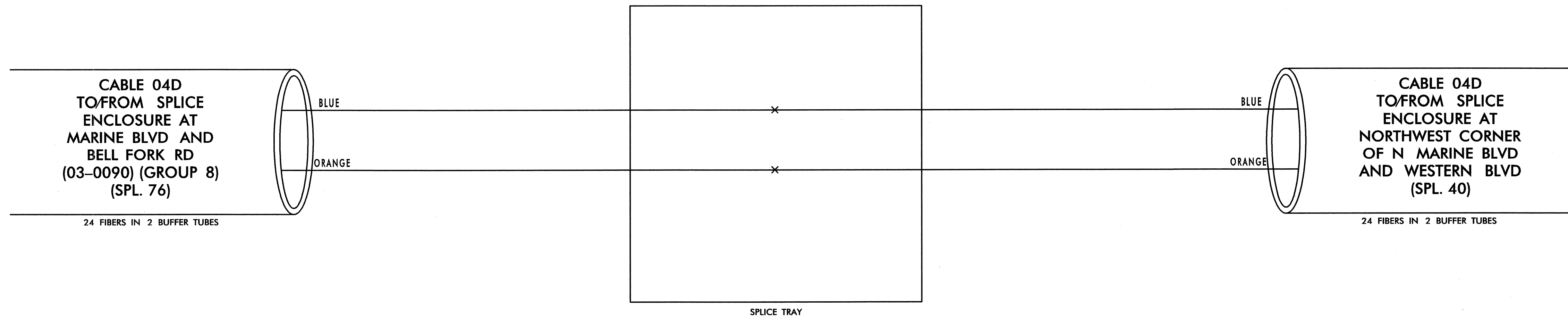
COLOR CODE  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



7/20/2011 11:51:06 AM \\splicing\jox\_spl\_039Adgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

 750 N. Greenfield Pkwy., Garner, NC 27529	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 4 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY:	
SCALE 0 NONE	REVISIONS	INIT. DATE	SIGNATURE DATE 7.20.11

SPLICE ENCLOSURE AT  
NORTHWEST CORNER OF  
N MARINE BLVD  
AND WESTERN BLVD

CABLE 04A  
TO/FROM SPLICE  
ENCLOSURE AT  
WESTERN BLVD  
AND WALMART  
ENT. (03-0834)  
(SPL. 39)

24 FIBERS IN 2 BUFFER TUBES

**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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

CABLE 04D  
TO/FROM SPLICE  
ENCLOSURE AT  
N MARINE BLVD  
AND US 17 BYPASS  
(SPL. 39A)

24 FIBERS IN 2 BUFFER TUBES

CABLE 03A  
TO/FROM SPLICE  
ENCLOSURE AT  
N MARINE BLVD  
AND MCDANIEL DR  
(03-0825) (GROUP 3)  
(SPL. 21)

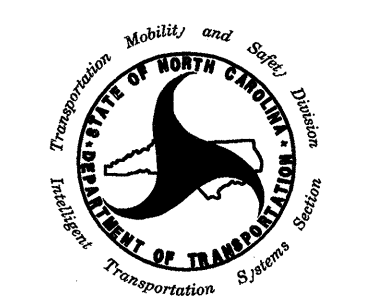
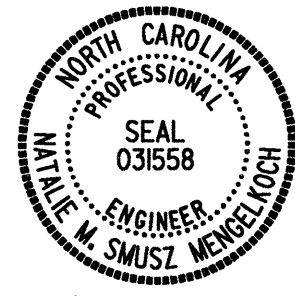
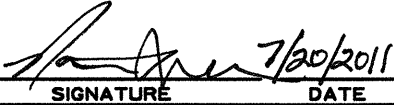
24 FIBERS IN 2 BUFFER TUBES

CABLE 04B  
TO/FROM SPLICE  
ENCLOSURE AT  
SOUTHWEST  
CORNER  
N MARINE BLVD  
AND  
WESTERN BLVD  
(03-0124)  
(SPL. 41)

24 FIBERS IN 2 BUFFER TUBES

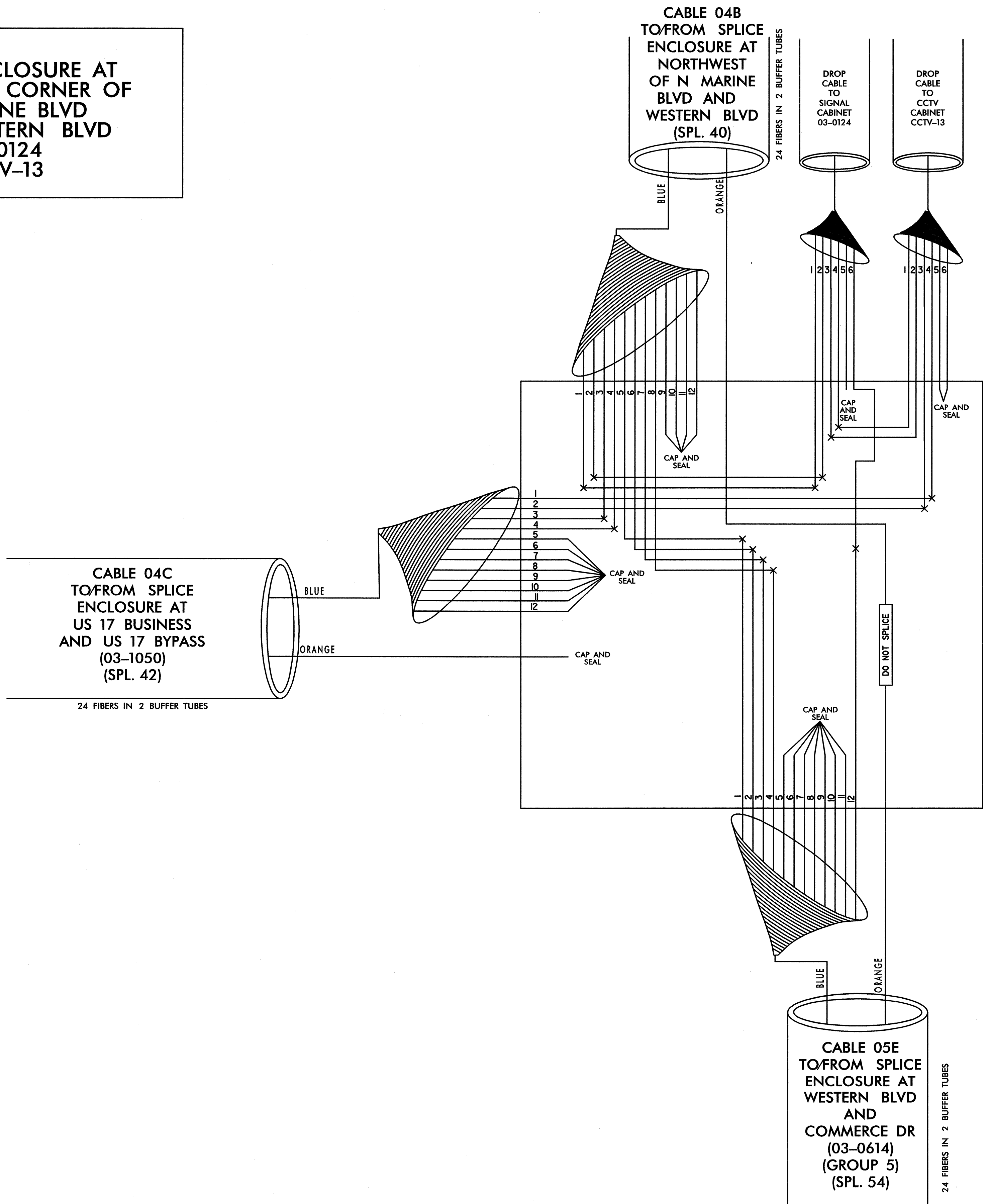
TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

 CITY OF JACKSONVILLE TRANSPORTATION SYSTEMS DEPARTMENT 750 N. Greenfield Pkwy., Garner, NC 27529	CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM		 NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 031558 NAME: M. SWILSZ NUMBER: 10034
	GROUP 4 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY:	
SCALE 0 NONE		SIGNATURE:  DATE:	

7/20/2011  
-SPLACING Jax\_spl\_040.dgn

SPlice ENCLOSURE AT  
SOUTHWEST CORNER OF  
N MARINE BLVD  
AND WESTERN BLVD  
03-0124  
CCTV-13



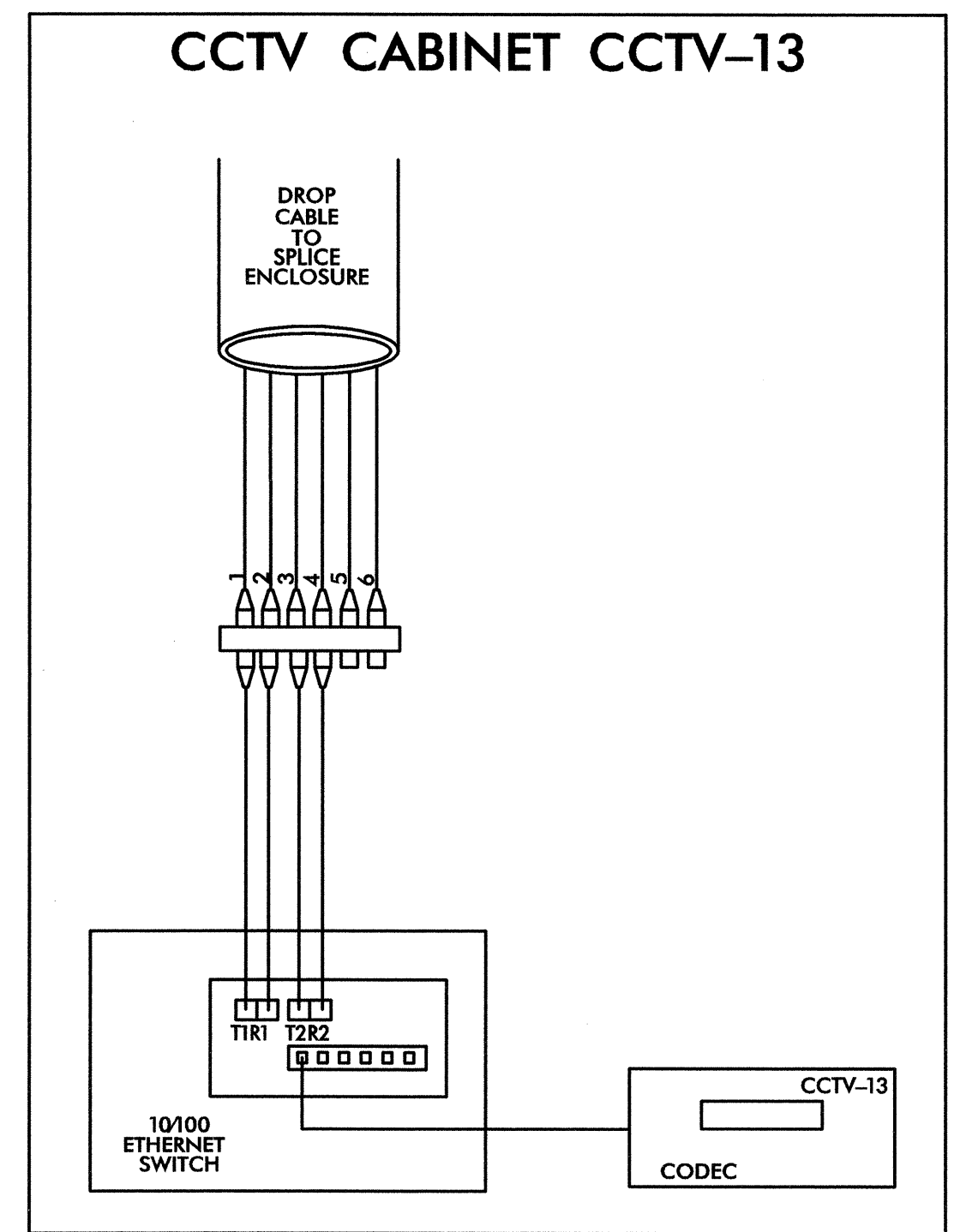
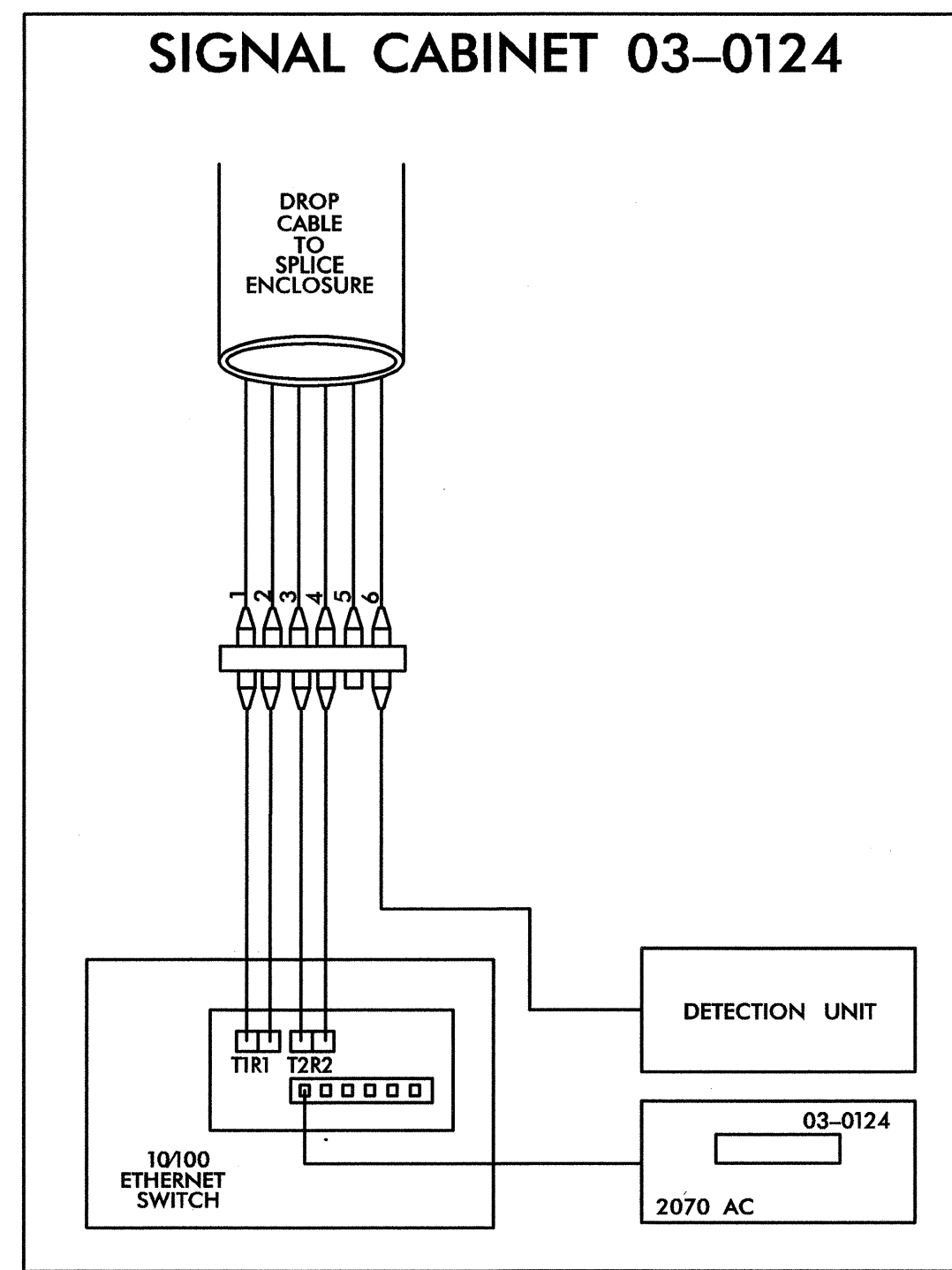
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE**  
COMPUTERIZED SIGNAL SYSTEM  
SPlice DIAGRAM

GROUP 4 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_ REVIEWED BY: \_\_\_\_\_

REVISIONS	INIT.	DATE

SCALE: 0 NONE

**North Carolina Professional Seal 031558**  
M. SMUSZ ENGINEER

7.20.2011

7/20/2011  
\_SPLACING\_jax\_spl\_041.dgn

**SPLICE ENCLOSURE AT  
US 17 BUSINESS AND  
US 17 BYPASS  
03-1050**

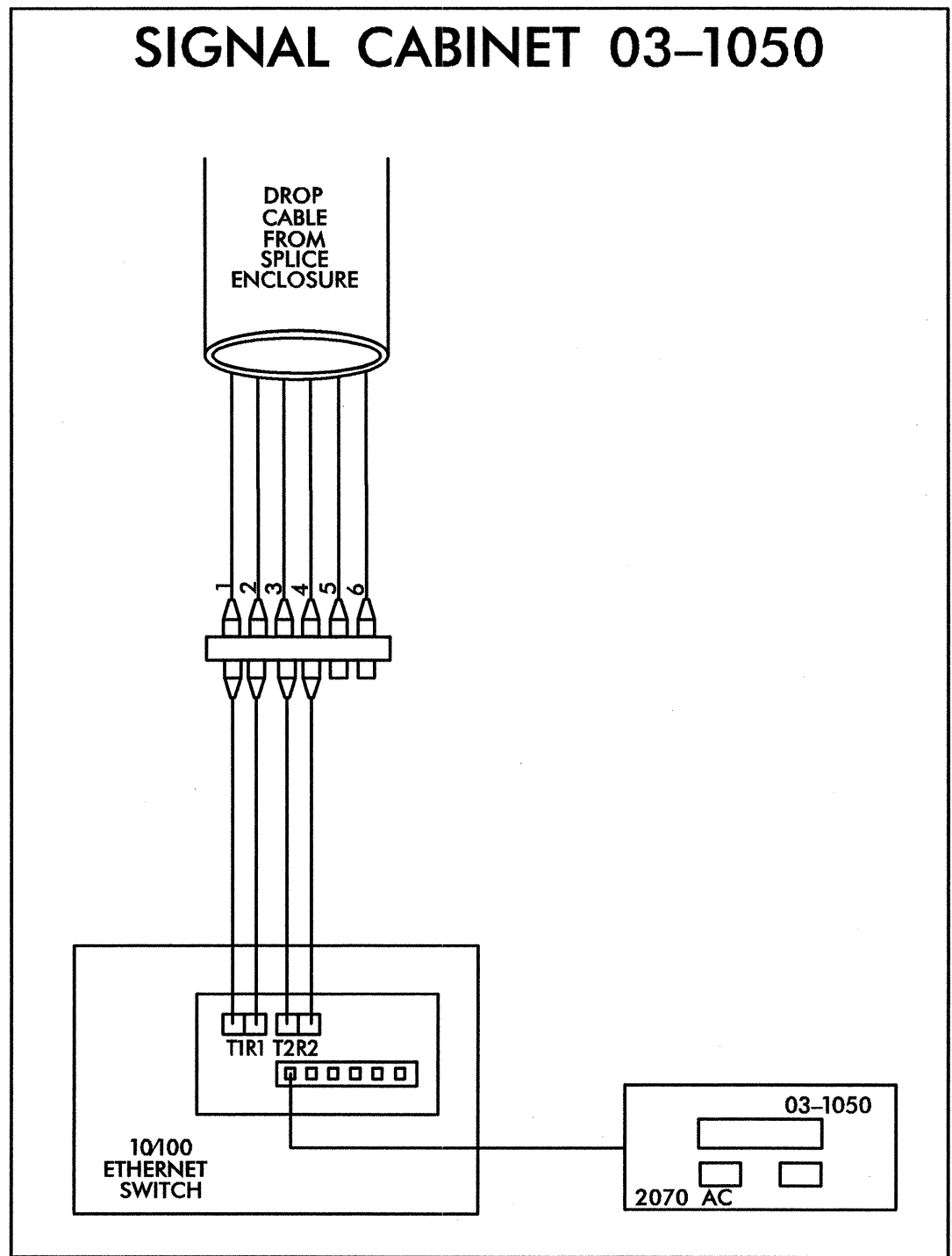
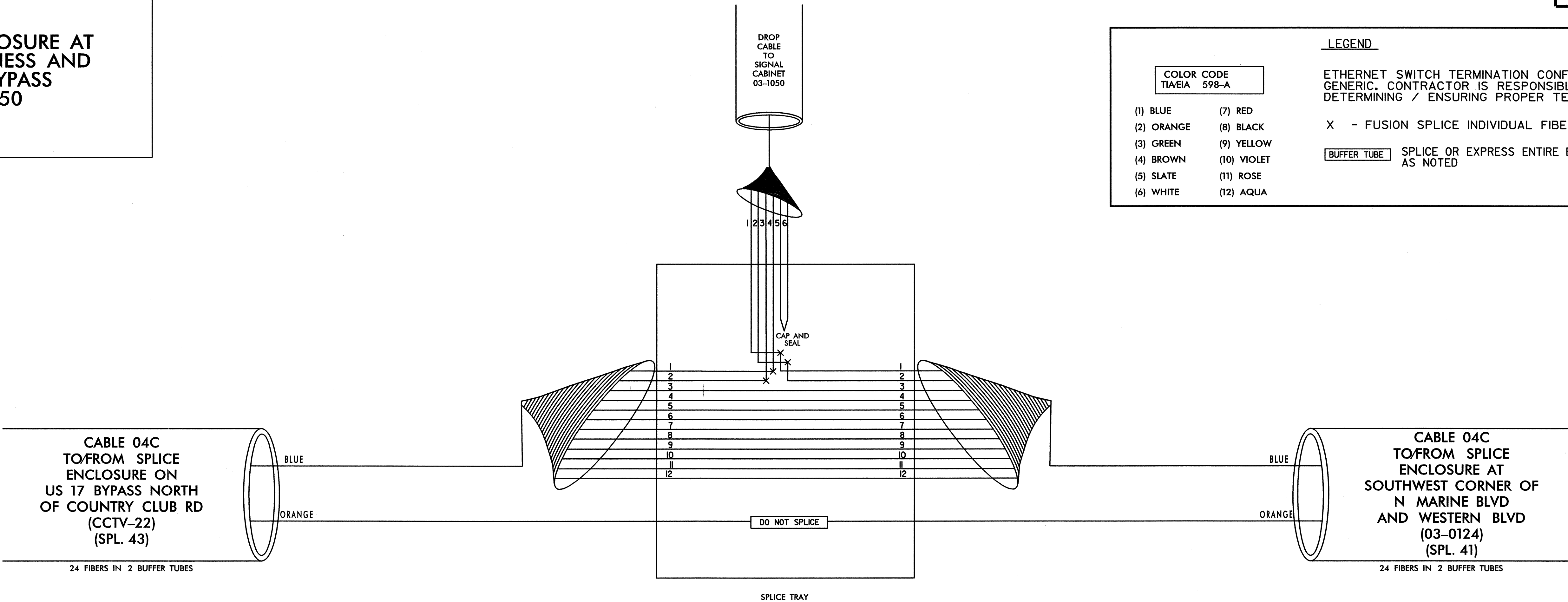
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPlice INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 4 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS

INIT. DATE

SCALE: NONE

**North Carolina Professional Seal 030472**  
ENGINEER  
KEVIN W. SMITH

Signature: *Kevin W. Smith* 8/9/11  
DATE

8/9/2011 - SPLACING Vox.spl\_042.dgn



SPLICE ENCLOSURE ON  
US 17 BYPASS  
NORTH OF  
COUNTRY CLUB RD  
CCTV-22

**LEGEND**

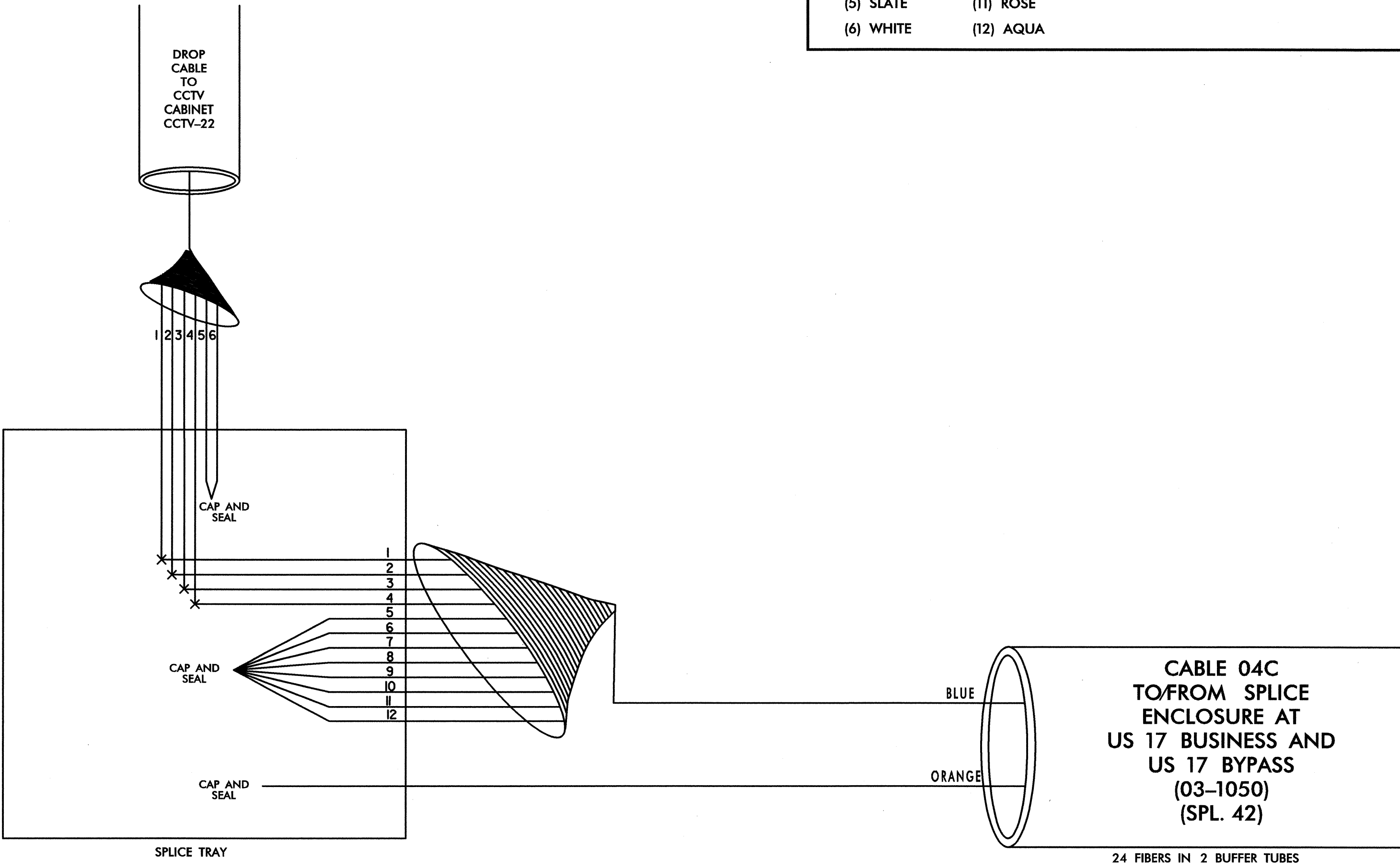
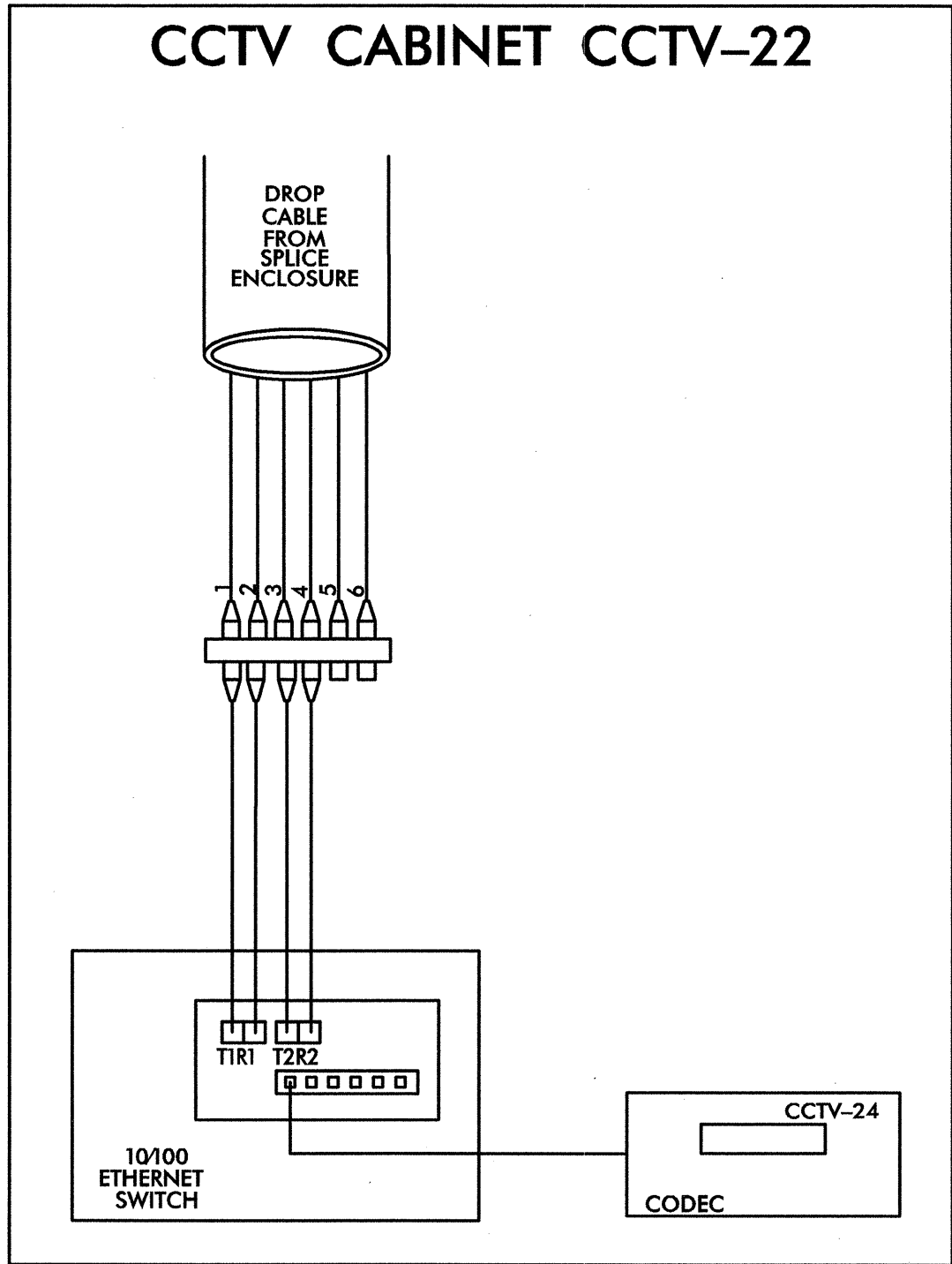
COLOR CODE  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

7/20/2011  
-SPLACING\jox\_spl\_043.dgn

PLANS PREPARED IN THE OFFICE OF:

Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, NC, 27636-3068  
(919) 677-2000

	CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM		
	GROUP 4	ONSLAW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	PREPARED BY:	REVIEWED BY:
SCALE	REVISIONS	INIT.	DATE
0			
NONE			
		7.20.2011 SIGNATURE DATE	



**SPLICE ENCLOSURE AT  
WESTERN BLVD AND  
CENTER ST  
03-0383**

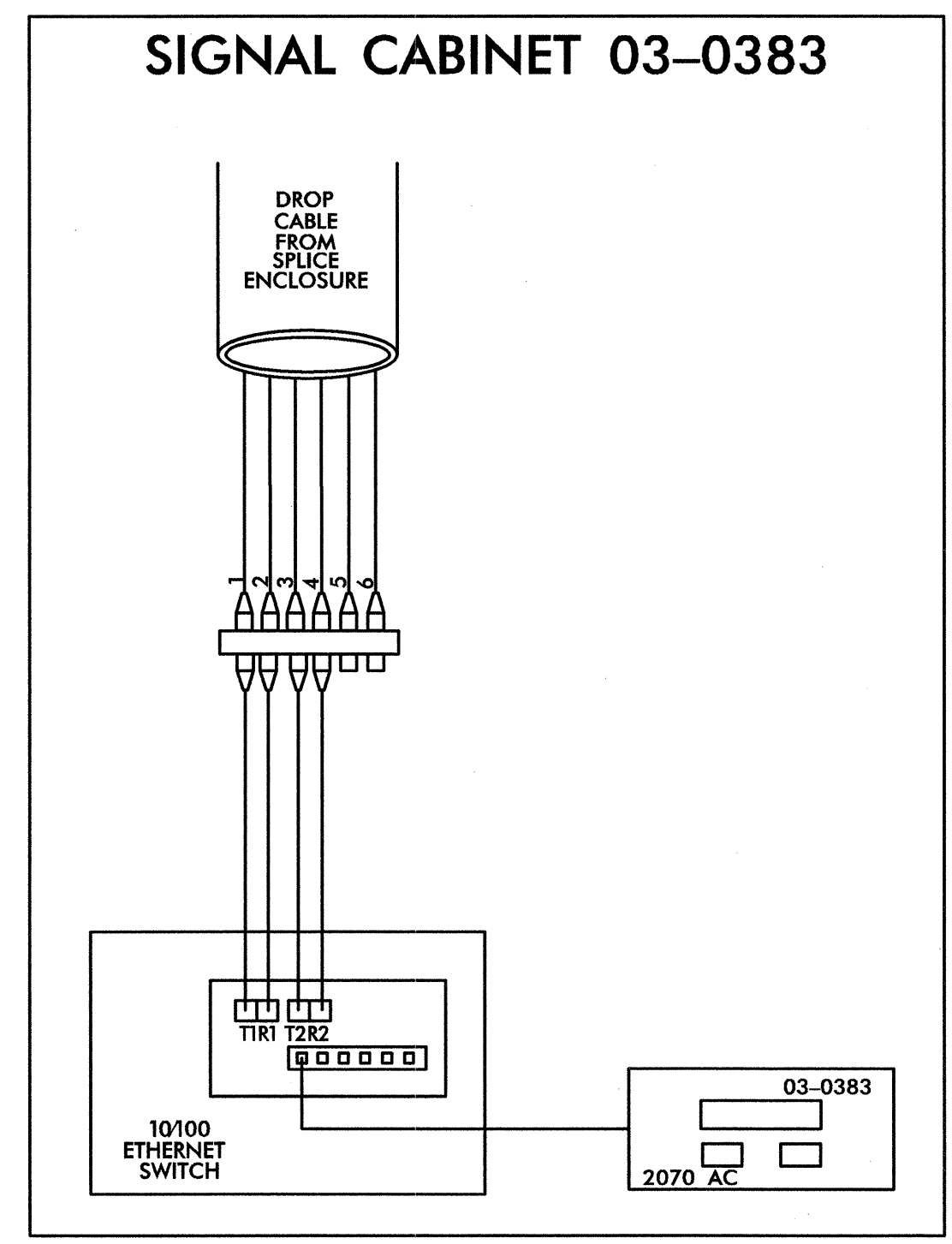
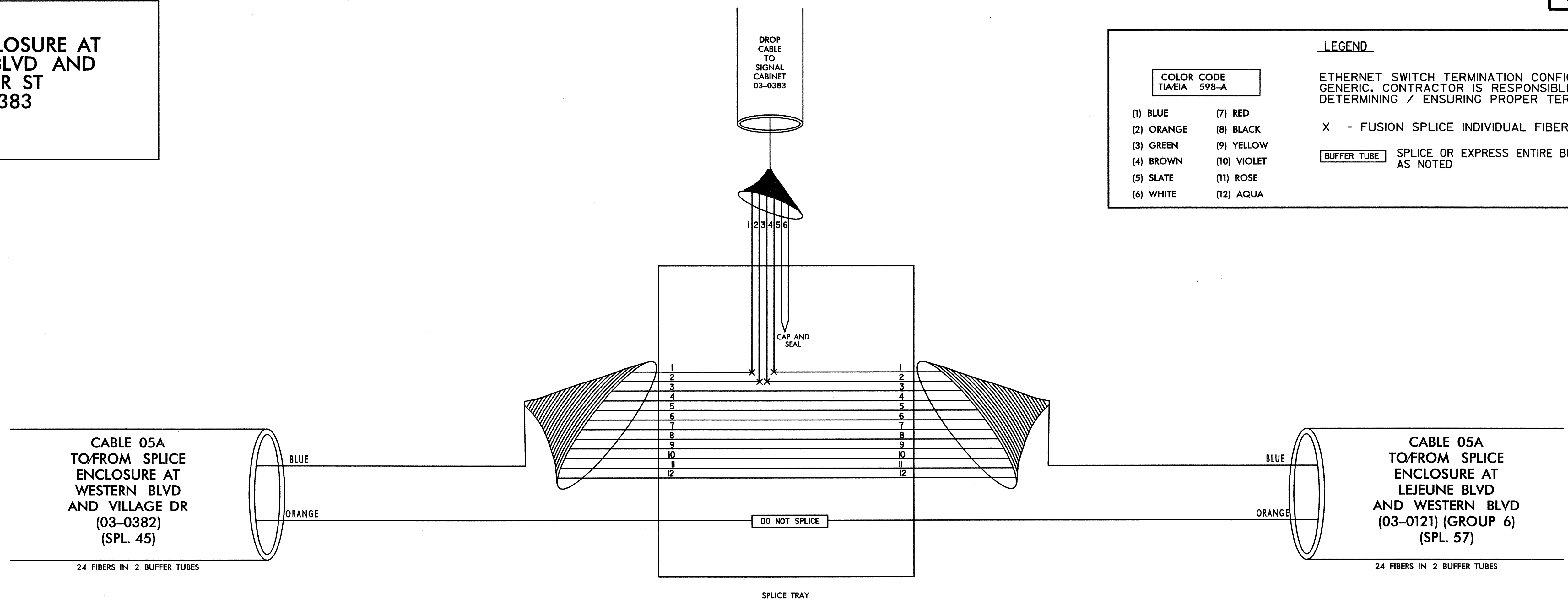
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 5 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS	INIT.	DATE

SCALE: 0 NONE

750 N. Greenfield Pkwy., Garner, NC 27529

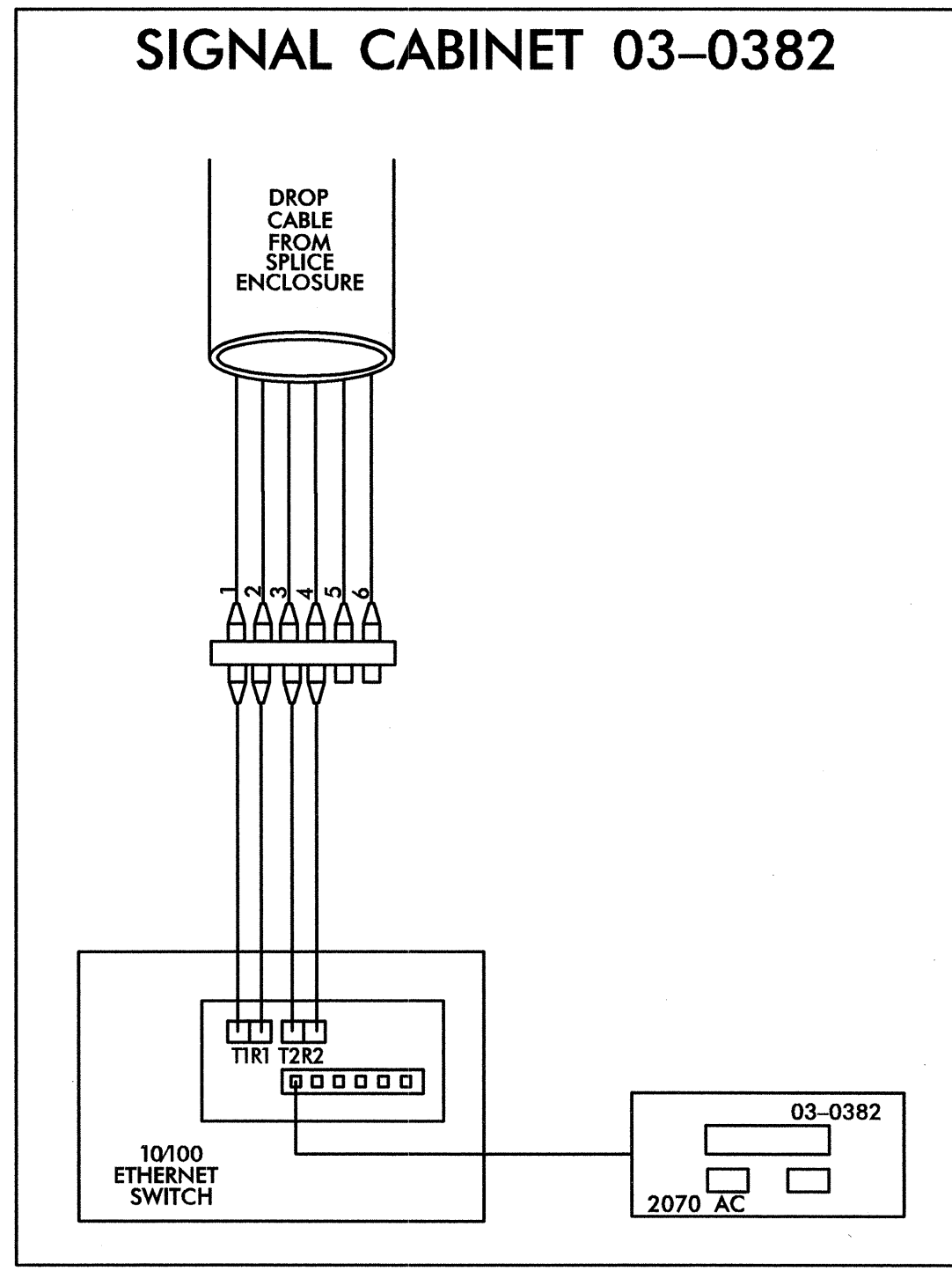
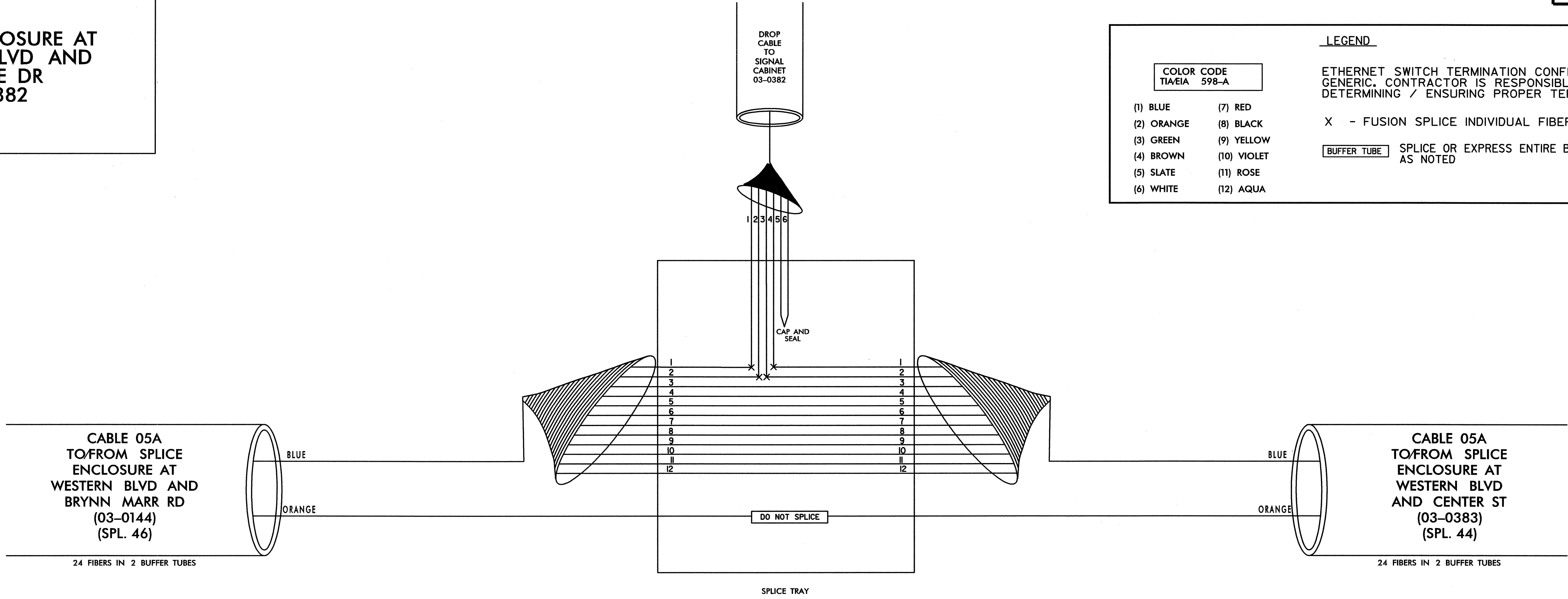
**PROFESSIONAL SEAL**  
NORTH CAROLINA PROFESSIONAL ENGINEER  
M. SMUST MENEZES

SIGNATURE: *[Signature]* DATE: 7/20/2011

7/20/2011 \\SP\JCING\jox\_sp\_044.dgn

**SPLICE ENCLOSURE AT  
WESTERN BLVD AND  
VILLAGE DR  
03-0382**

<b>COLOR CODE TIA/EIA 598-A</b>		<b>LEGEND</b>
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(3) GREEN	(9) YELLOW	X - FUSION SPLICE INDIVIDUAL FIBER
(4) BROWN	(10) VIOLET	<b>BUFFER TUBE</b> SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



**TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR  
IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.**

PLANS PREPARED IN  
THE OFFICE OF:  
  
**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>			
	GROUP 5	ONSLOW COUNTY		
	PLAN DATE: JULY 2011	REVIEWED BY:		PREPARED BY:
SCALE		REVISIONS	INIT. DATE	
0 NONE				
		SIGNATURE	DATE	
			7.20.11	

**SPLICE ENCLOSURE AT  
WESTERN BLVD AND  
BRYNN MARR RD  
03-0144  
CCTV-25**

**LEGEND**

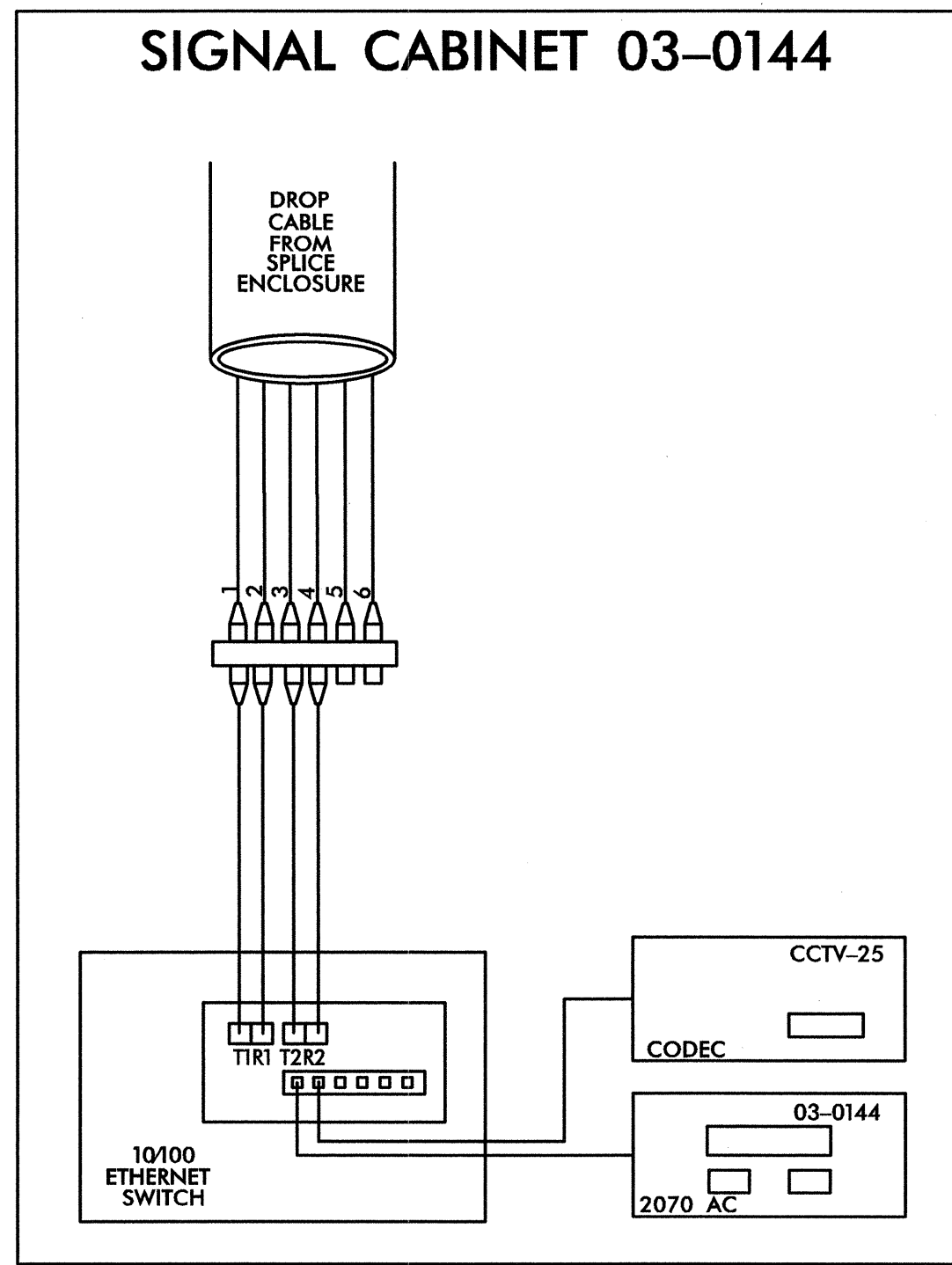
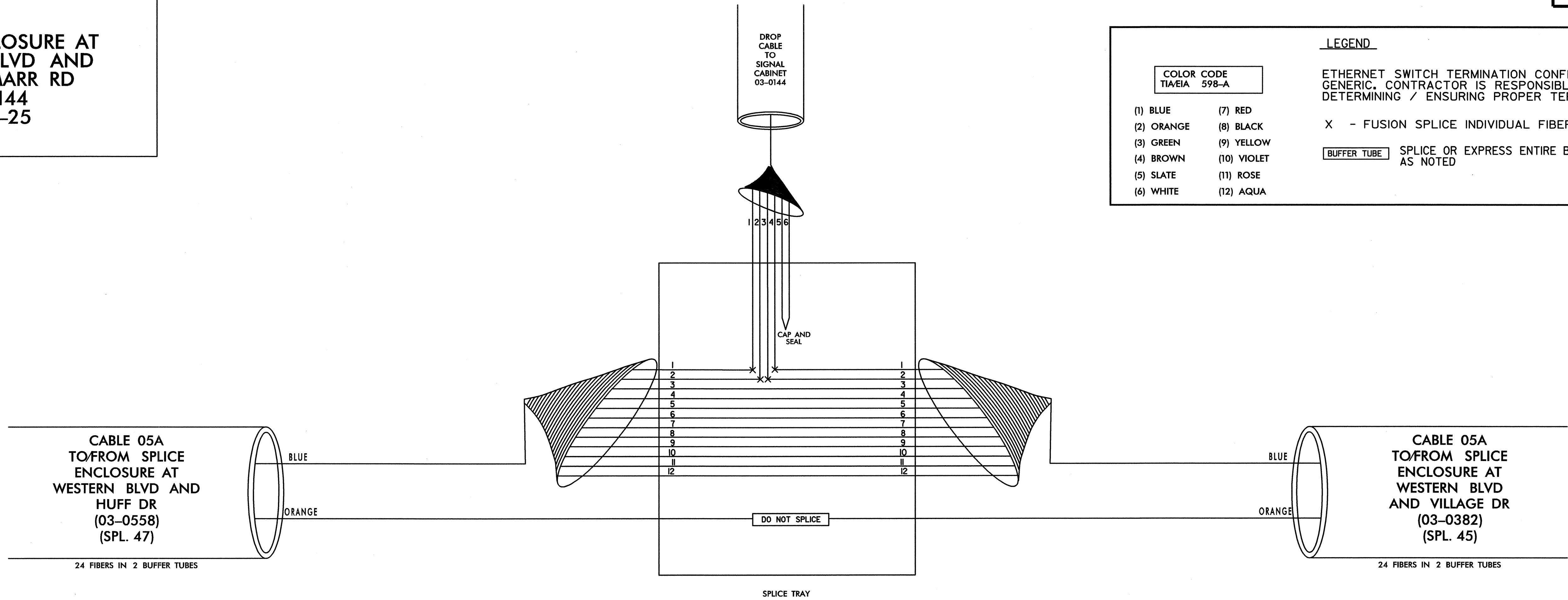
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**COLOR CODE**  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:

Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, NC, 27636-3068  
(919) 677-2000

 CITY OF JACKSONVILLE PROFESSIONAL ENGINEER SEAL 031558 M. SMUSZ 7.20.2011	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		GROUP 5 ONSLOW COUNTY
	PLAN DATE: JULY 2011 PREPARED BY:	REVIEWED BY:	
SCALE 0 NONE	REVISIONS	INIT.	DATE

7/20/2011 1:51 PM \SPLICING\jax\_spl\_046.dgn

**EXISTING SPLICE ENCLOSURE AT WESTERN BLVD AND HUFF DR 03-0558 CCTV-24**

**LEGEND**

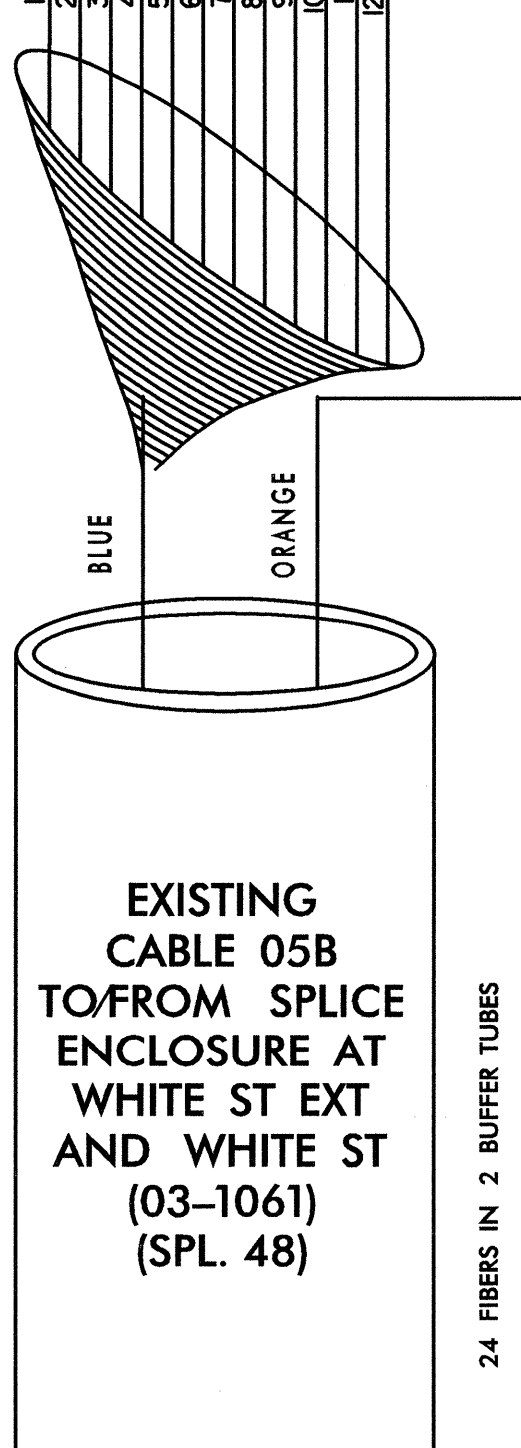
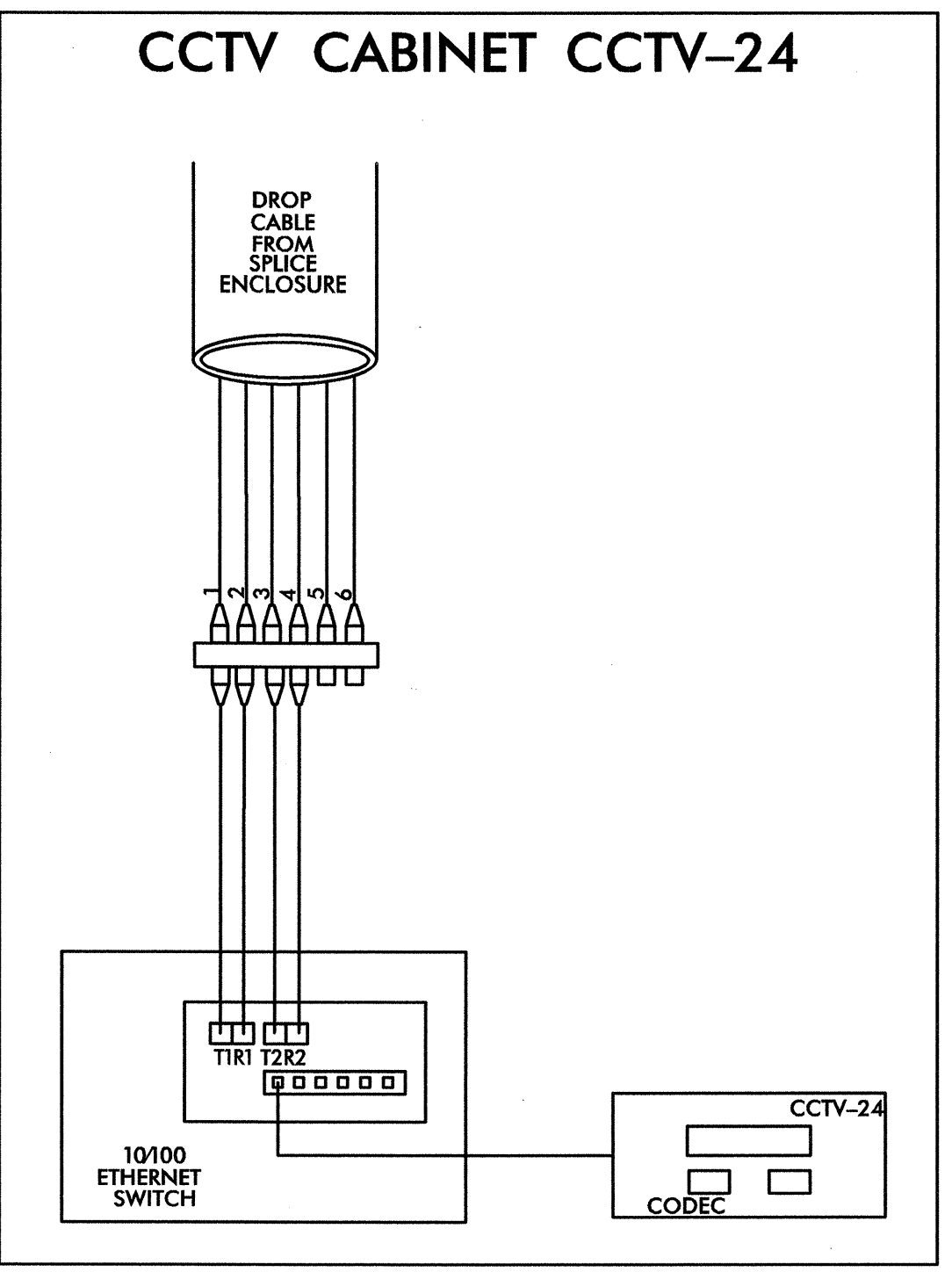
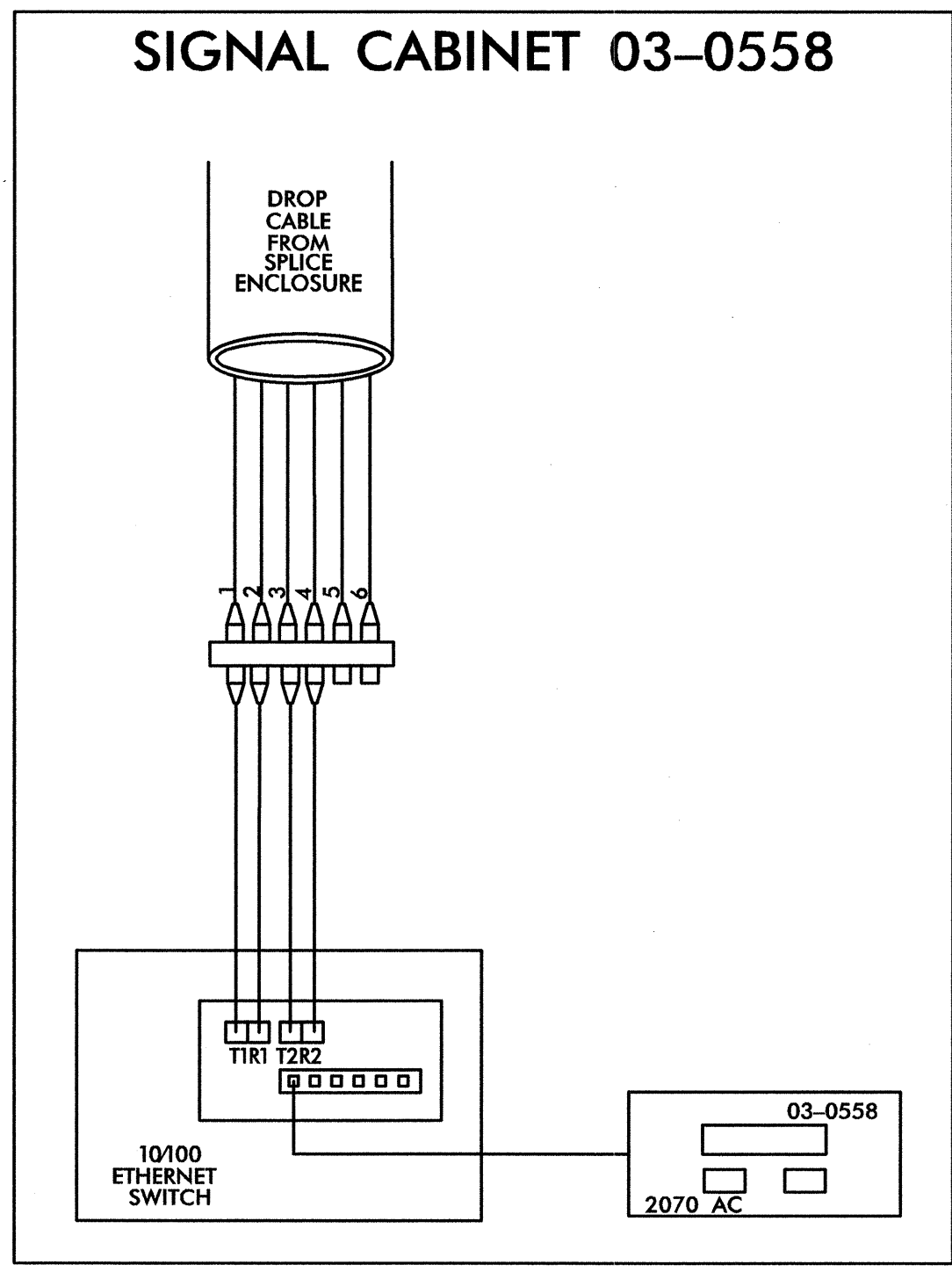
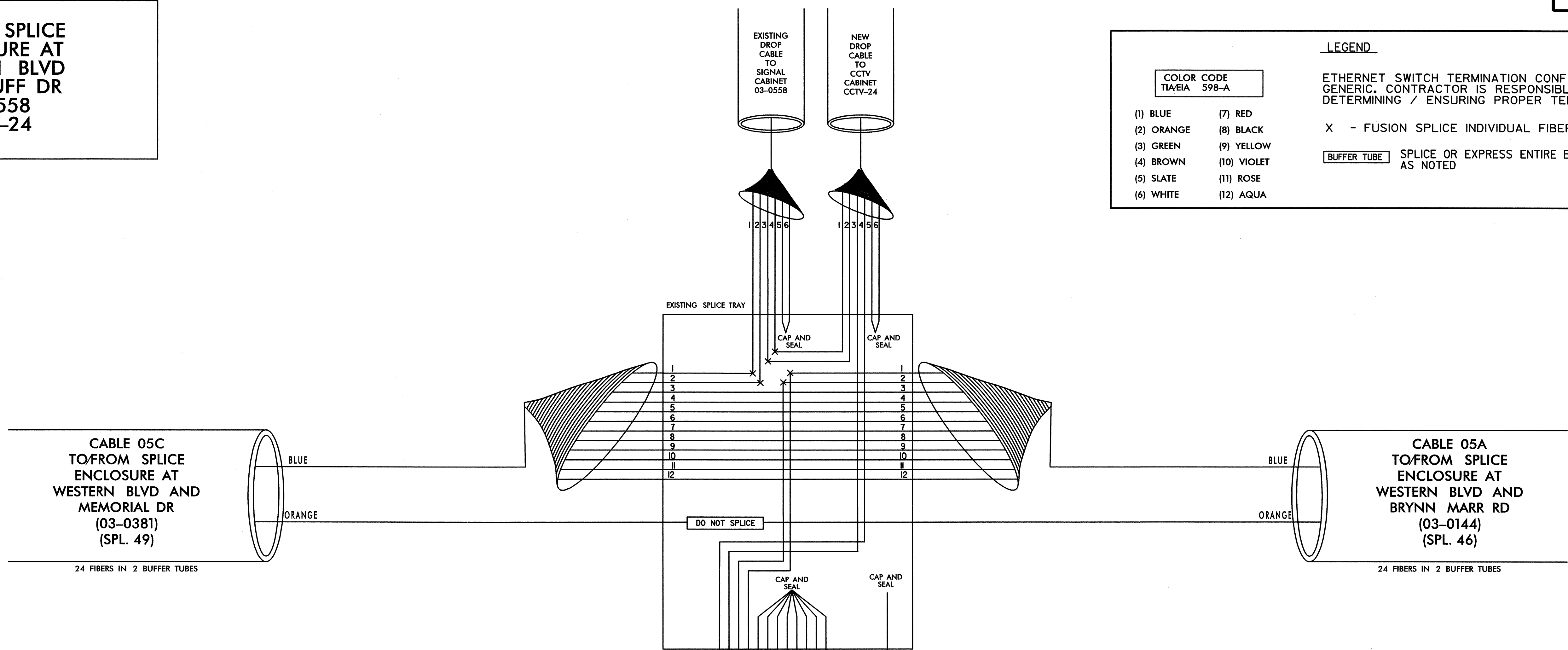
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**COLOR CODE TIA/EIA 598-A**

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
 Kimley-Horn and Associates, Inc.  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

**CITY OF JACKSONVILLE**  
**COMPUTERIZED SIGNAL SYSTEM**  
**SPLICE DIAGRAM**

GROUP 5 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY: [Signature]

PREPARED BY: [Signature] REVIEWED BY: [Signature]

REVISIONS	INIT.	DATE

SCALE: NONE

7.20.2011 [Signature] DATE

7/20/2011 \\splicing\jox\_spl\_047.dgn



**SPLICE ENCLOSURE  
AT WHITE ST EXT  
AND WHITE ST  
03-1061**

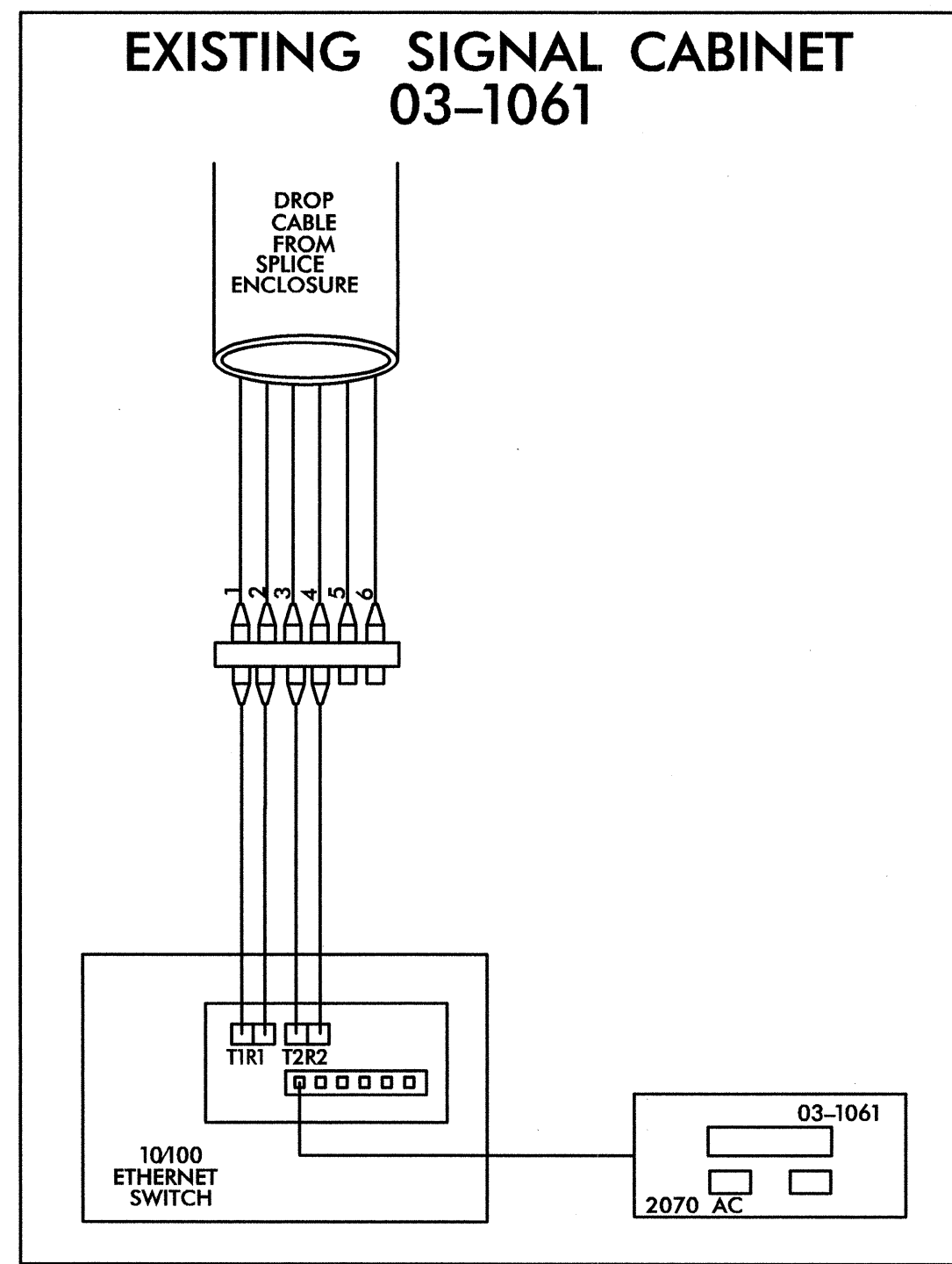
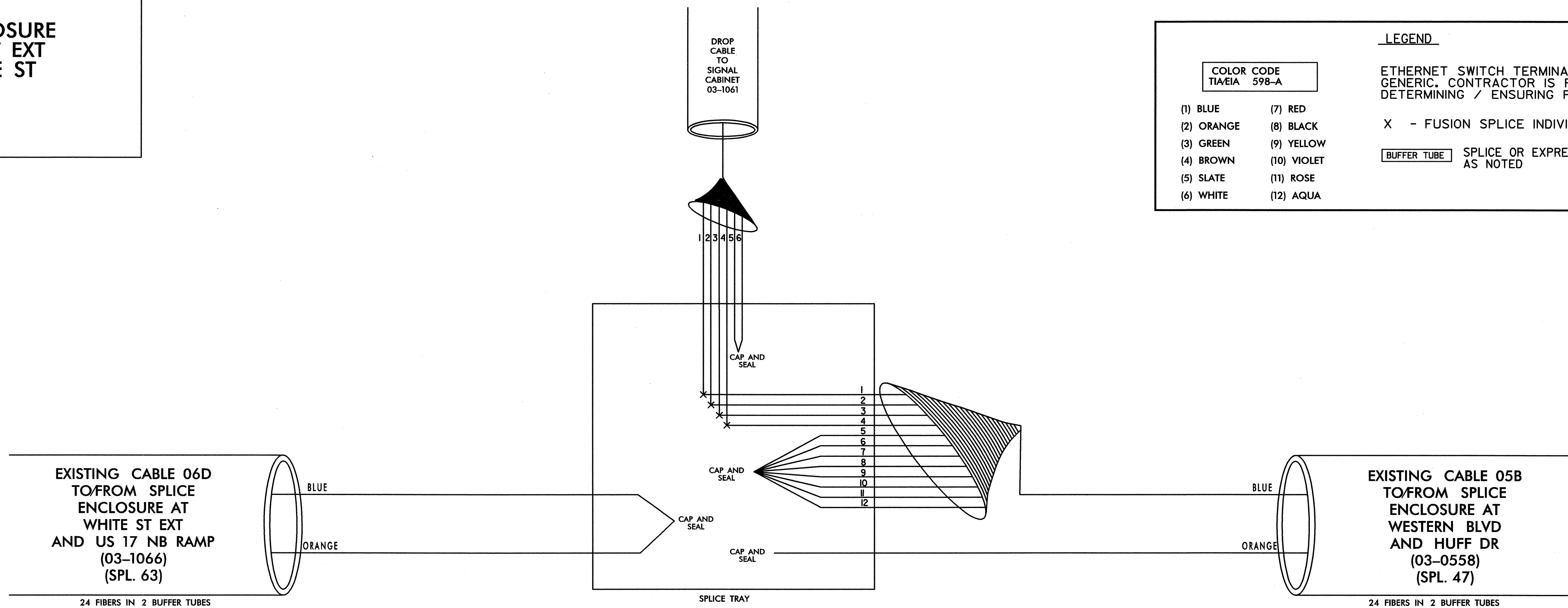
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

 CITY OF JACKSONVILLE TRANSPORTATION SYSTEMS DIVISION	<b>CITY OF JACKSONVILLE          COMPUTERIZED SIGNAL SYSTEM          SPLICE DIAGRAM</b>		 NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 031558 M. SMUSZ
	GROUP 5 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY:	
SCALE 0 NONE		SIGNATURE: DATE: 7.20.11	



**SPlice ENCLOSURE AT  
WESTERN BLVD AND  
MEMORIAL DR  
03-0381**

**LEGEND**

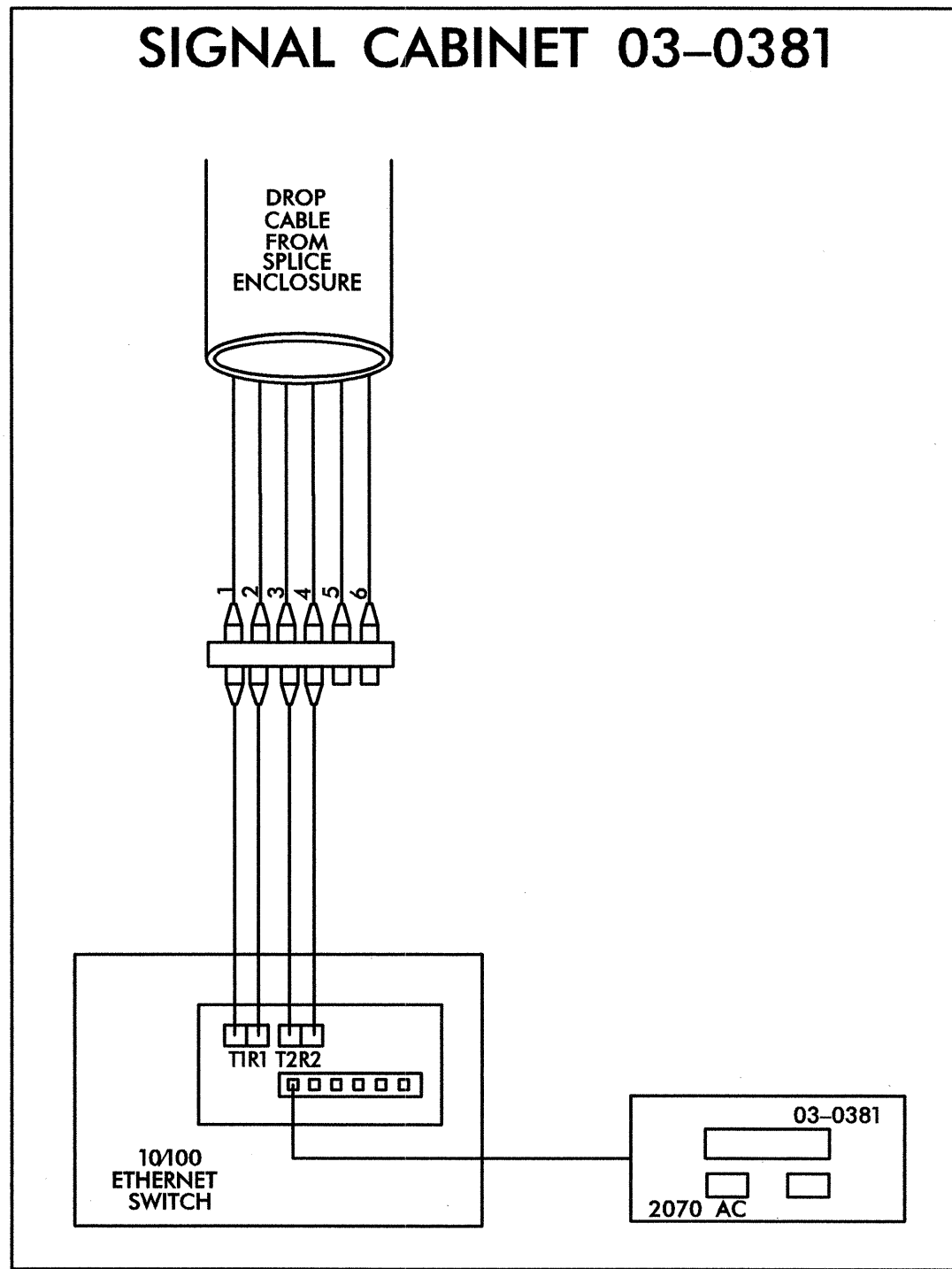
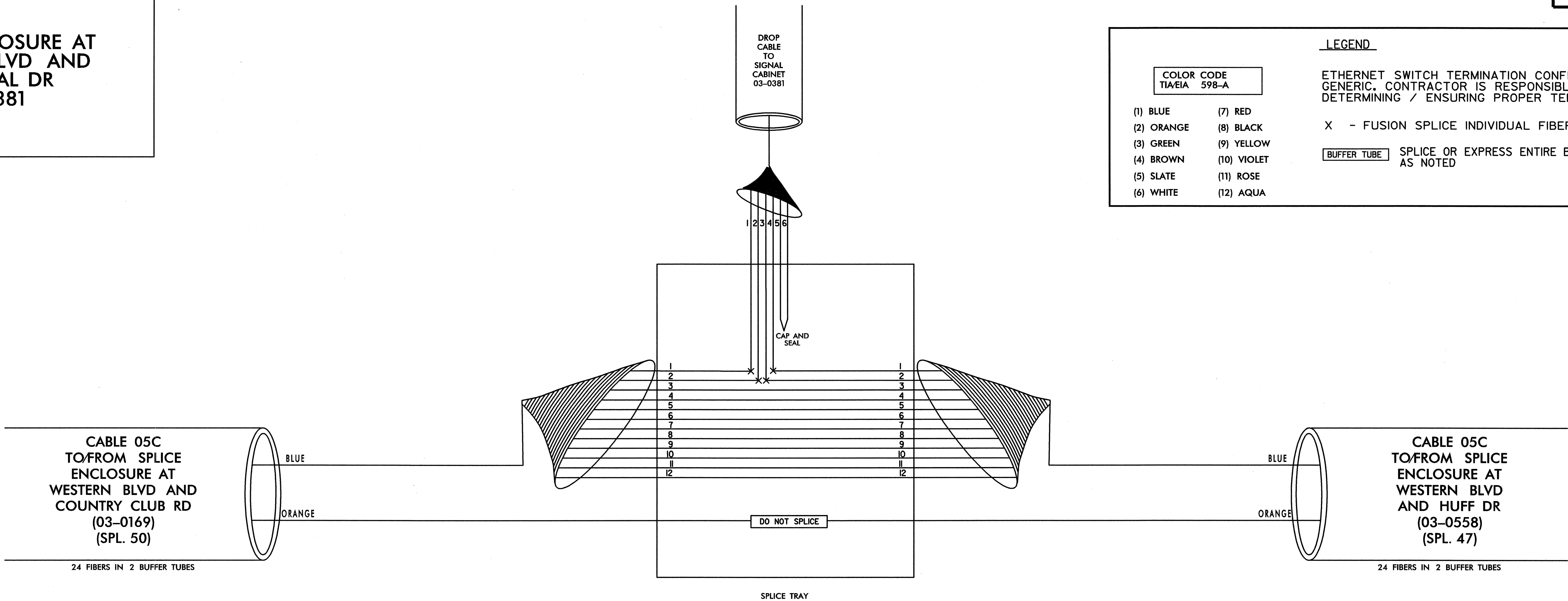
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**COLOR CODE TIA/EIA 598-A**

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPlice DIAGRAM</b>		
	GROUP 5	ONSLow COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	PREPARED BY:	REVIEWED BY:
SCALE: 0 NONE	REVISIONS:	INIT.	DATE
			7.20.2011

**SPLICE ENCLOSURE AT  
WESTERN BLVD AND  
COUNTRY CLUB RD  
03-0169  
CCTV-23**

**LEGEND**

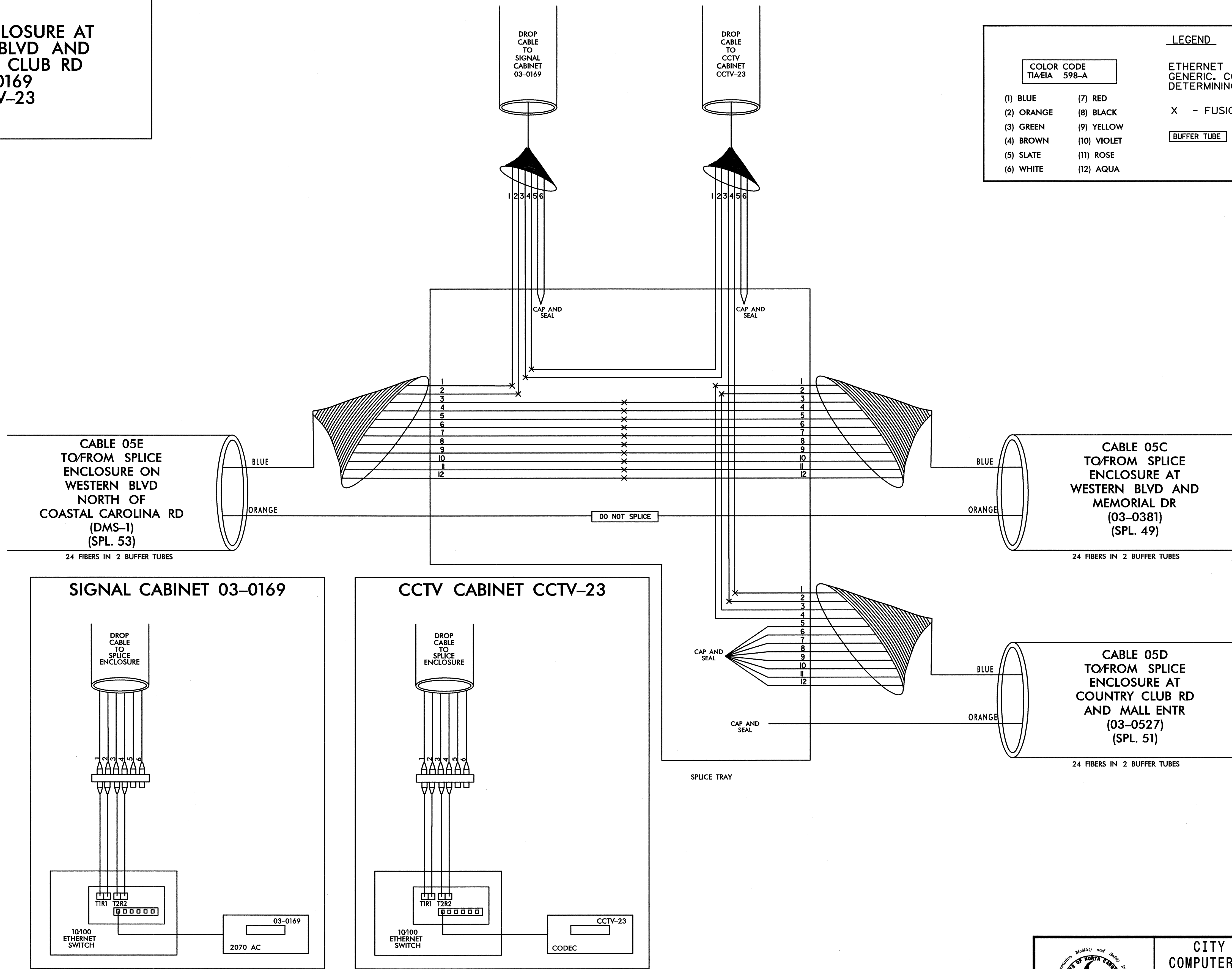
COLOR CODE  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE  
GENERIC. CONTRACTOR IS RESPONSIBLE FOR  
DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE  
AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN  
THE OFFICE OF:  
  
Kimley-Horn  
and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

 CITY OF JACKSONVILLE PROFESSIONAL SEAL 031558 M. SMUSZ VENGELICH ENGINEER	CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM		 NORTH CAROLINA PROFESSIONAL SEAL 031558 M. SMUSZ VENGELICH ENGINEER
	GROUP 5 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY: REVIEWED BY:	

SCALE: 0 NONE

7/20/2011 \\splicing\ax\_spl\_050.dgn

**SPLICE ENCLOSURE AT  
COUNTRY CLUB RD  
AND MALL ENTR  
03-0527**

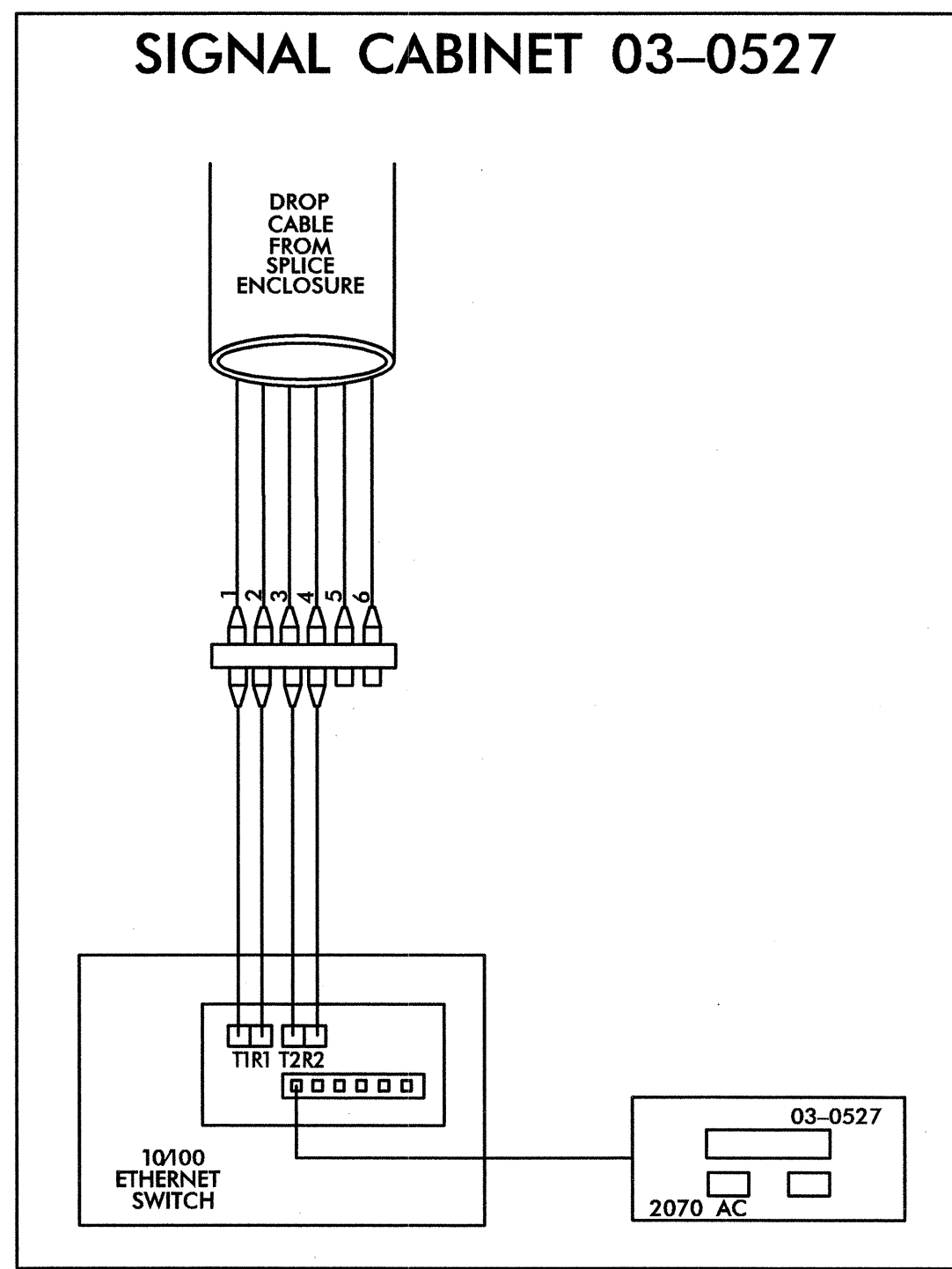
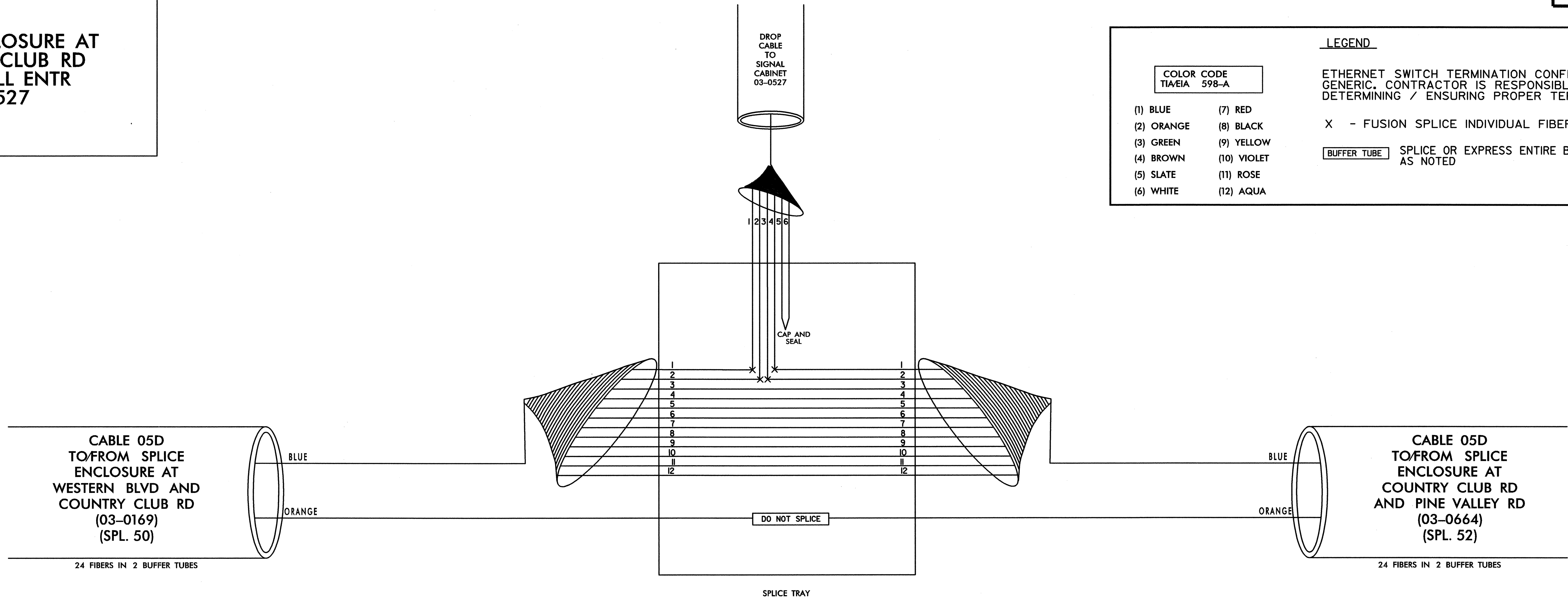
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 5 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

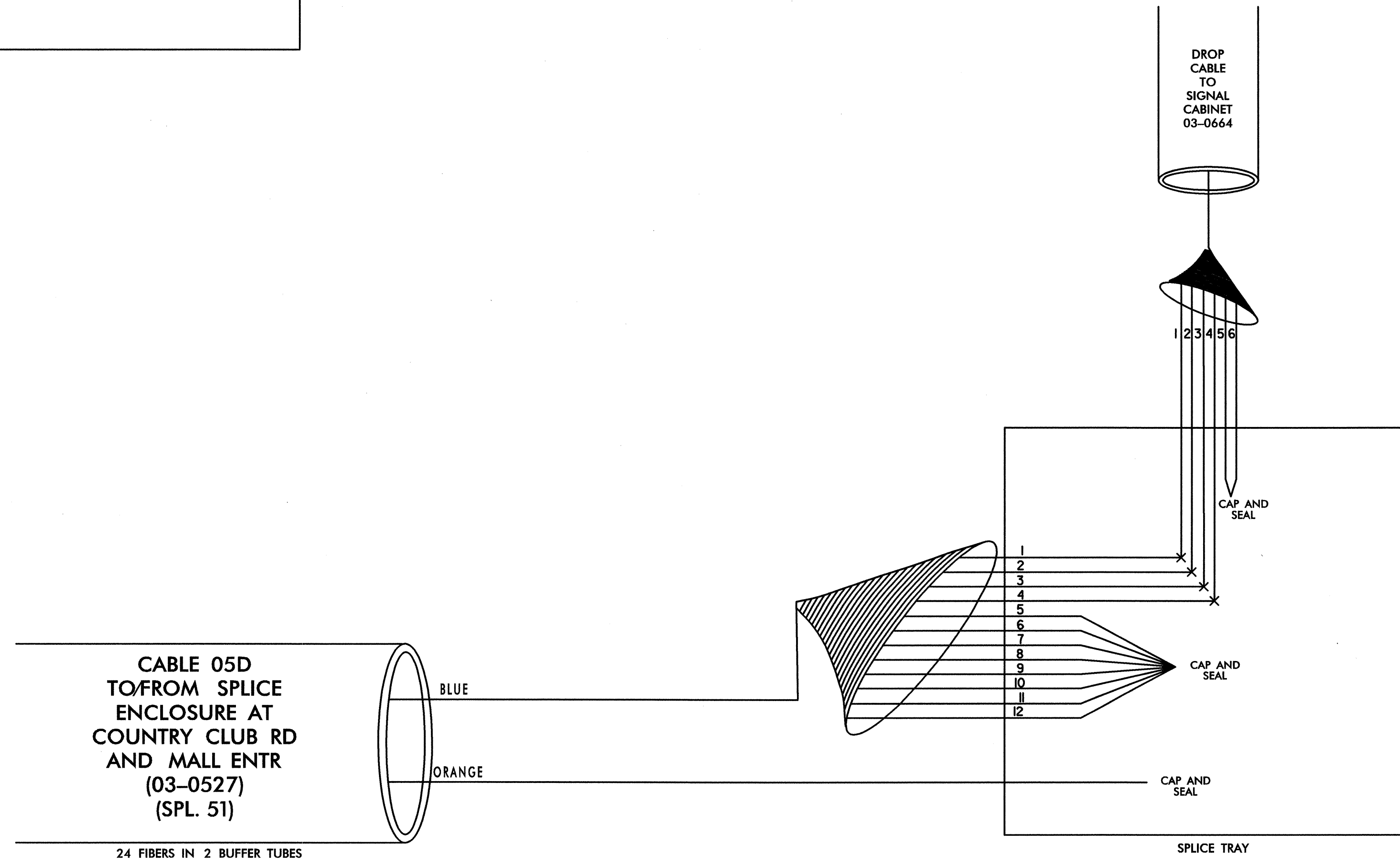
REVISIONS INIT. DATE

SCALE: 0 NONE

7-20-2011  
SIGNATURE DATE

7/20/2011  
...SPLICING\ax\_spl\_051.dgn

**SPLICE ENCLOSURE AT  
COUNTRY CLUB RD  
AND PINE VALLEY RD  
03-0664**



**LEGEND**

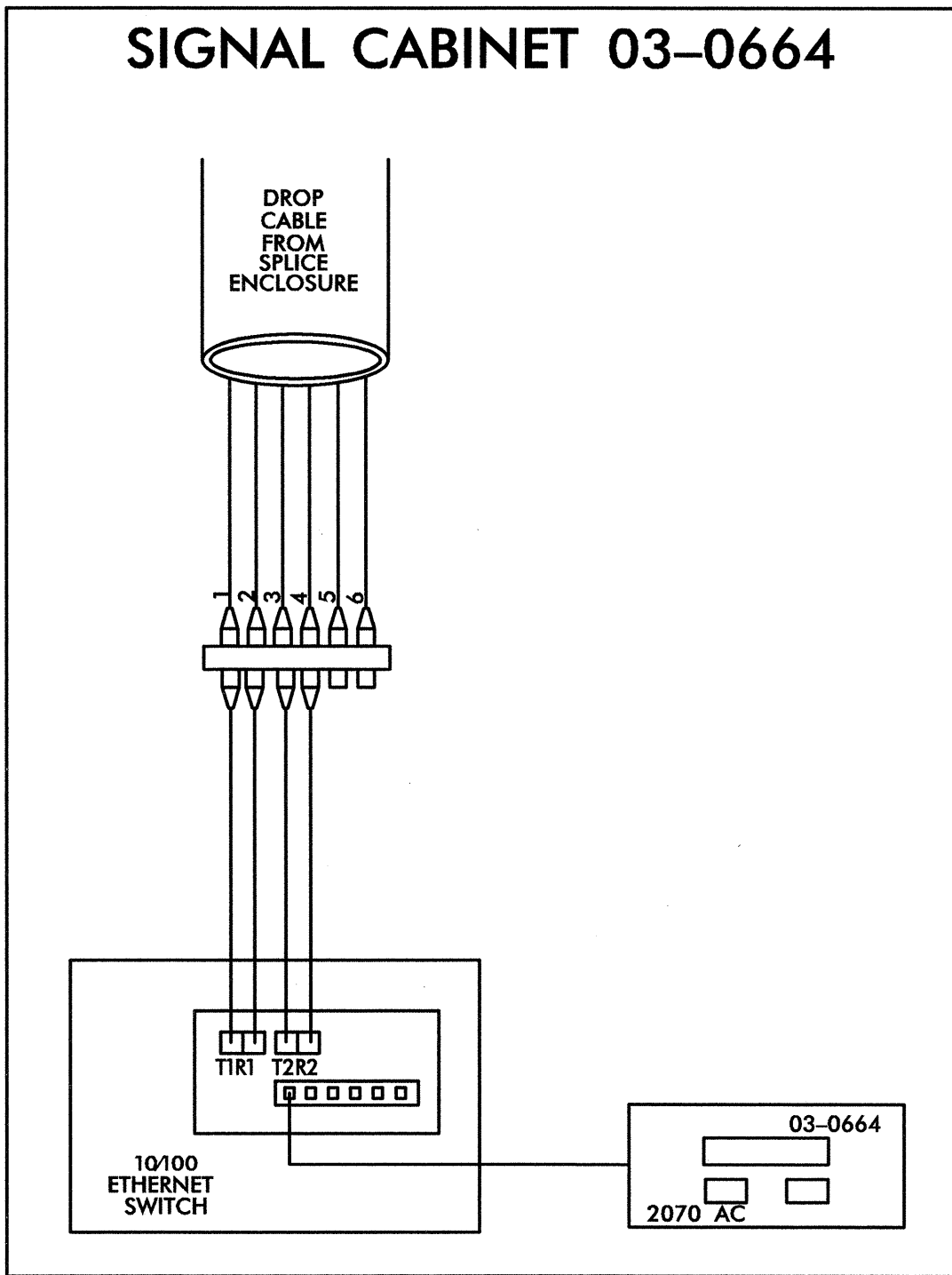
COLOR CODE  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

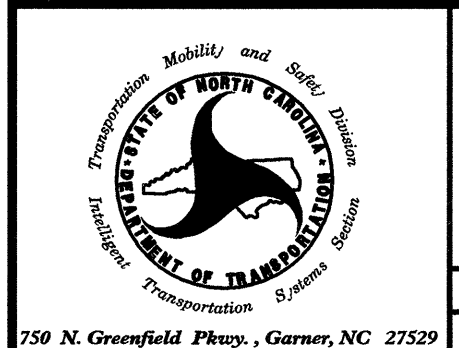
X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 5 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

MATTHEW M. SMUSZ, ENGINEER  
031558

REVISIONS	INIT.	DATE

SCALE: 0 NONE

SIGNATURE: DATE: 7.20.2011

7/20/2011 10:51:15 AM \\jax\_spl\_052.dgn



**SPLICE ENCLOSURE ON  
WESTERN BLVD  
NORTH OF  
COASTAL CAROLINA RD  
DMS-1**

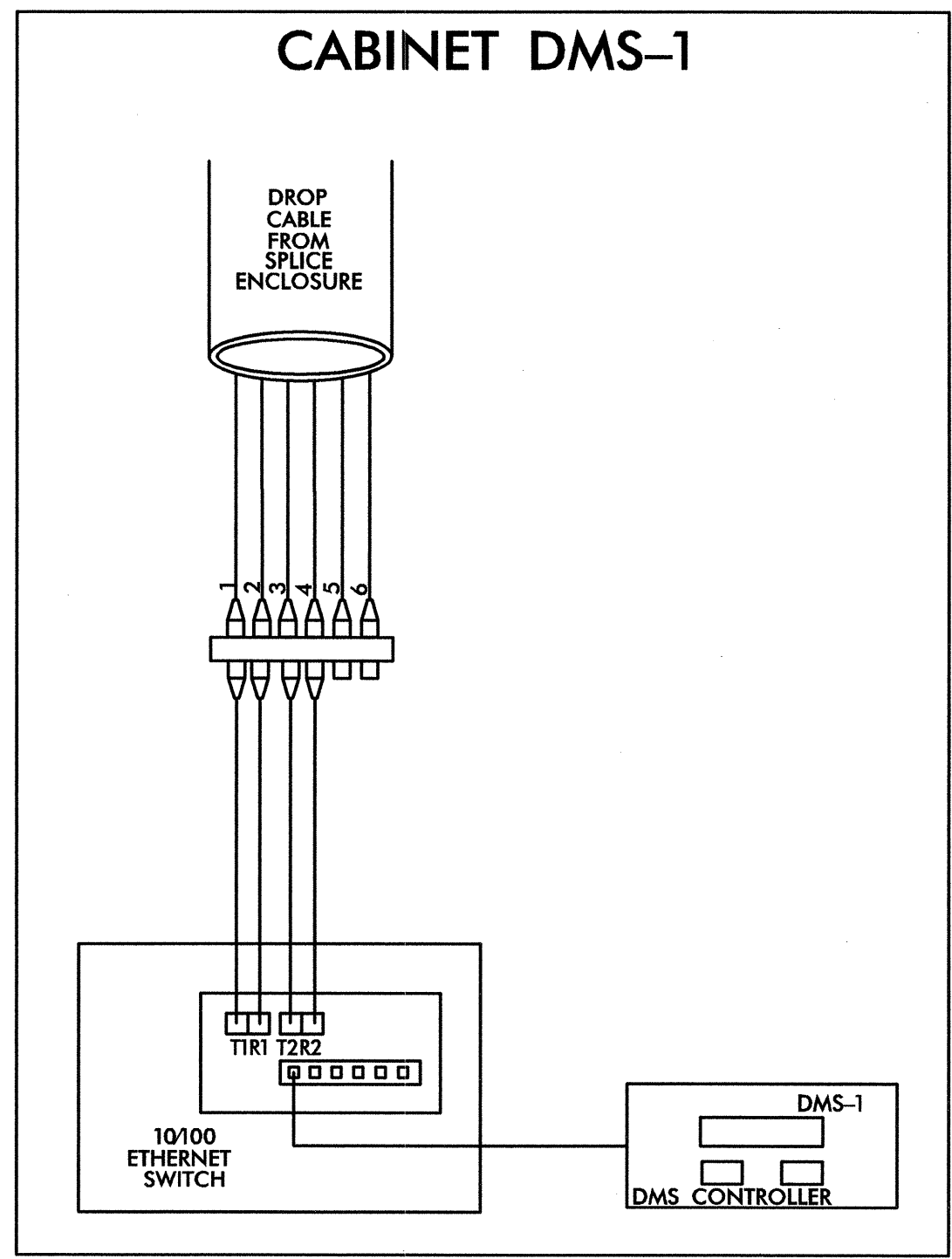
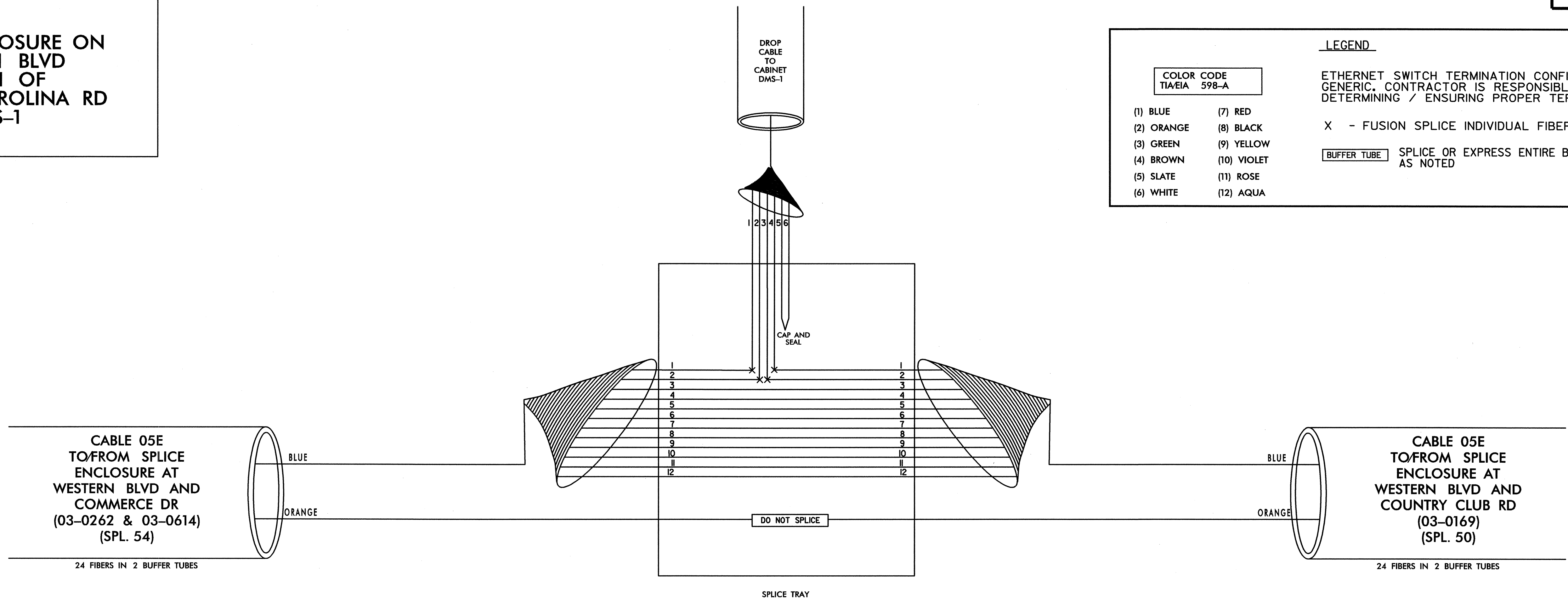
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



**TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.**

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 5	ONSLOW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	INIT.	DATE
PREPARED BY:	REVIEWED BY:	REVISIONS	DATE
		SIGNATURE: <i>[Signature]</i> DATE: 7.20.2011	

7/20/2011 1:51:10 PM \\splicing\jox\_sp\_053.dgn



**SPLICE ENCLOSURE AT  
WESTERN BLVD AND  
COMMERCE DR  
03-0262  
03-0614**

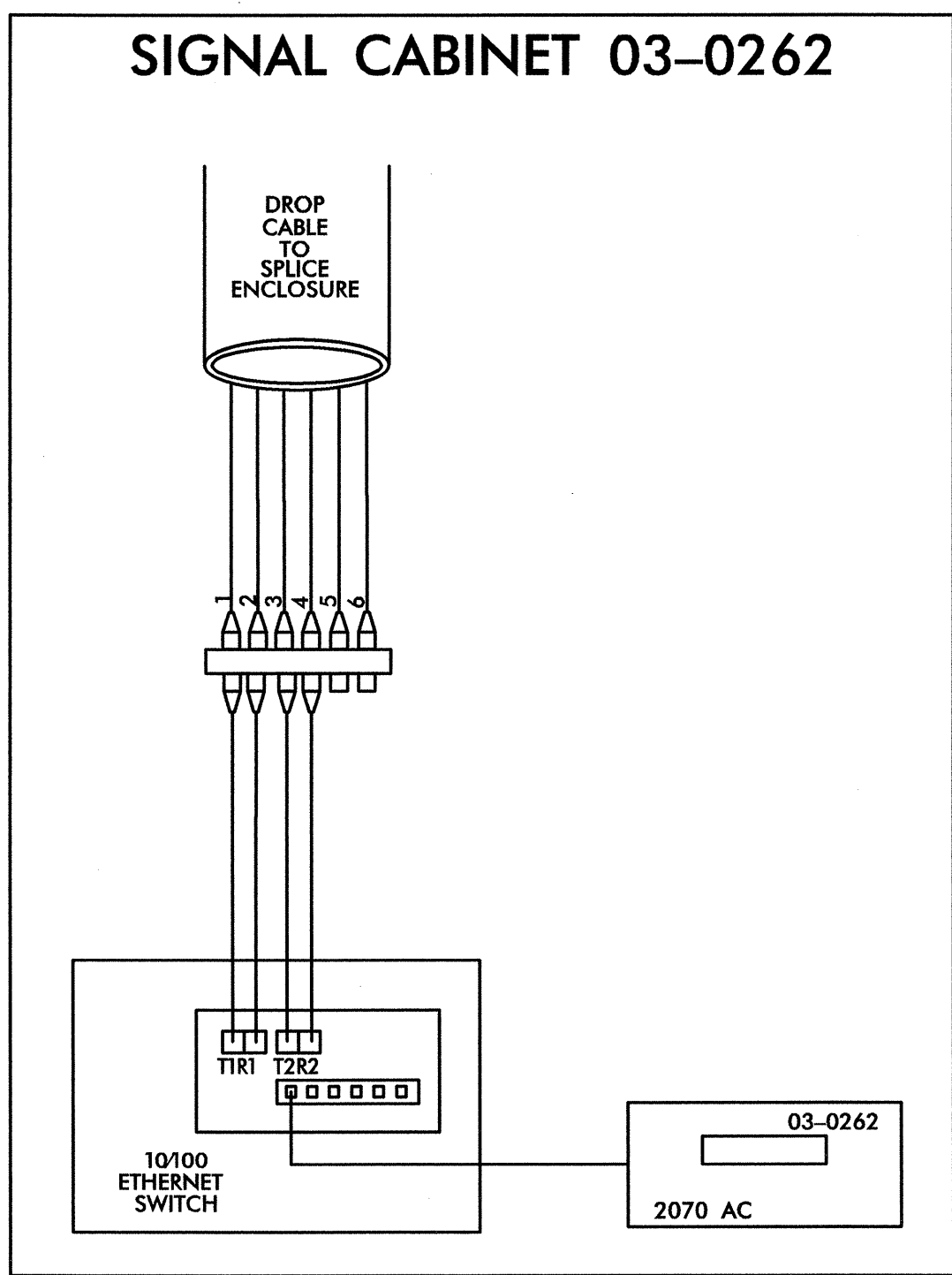
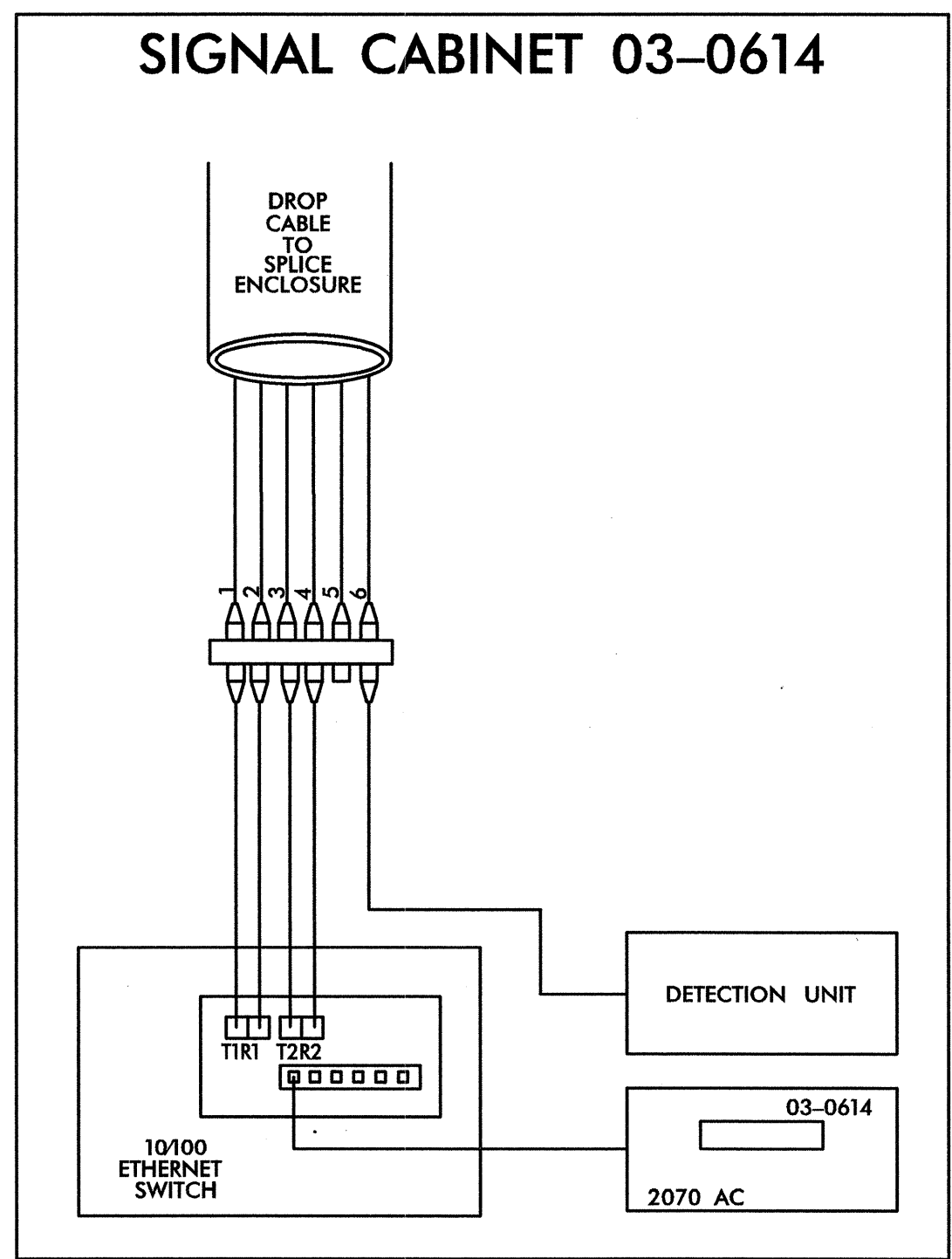
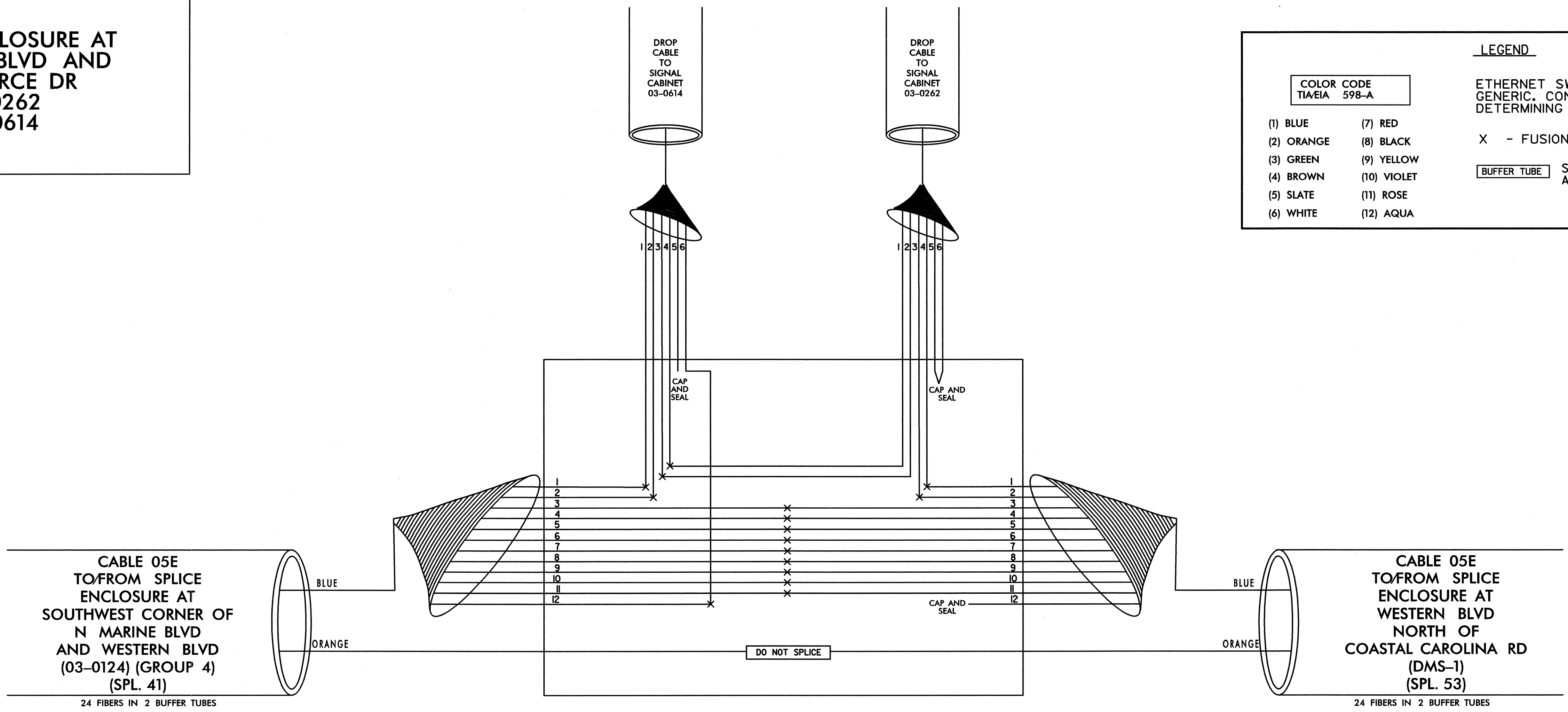
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 5	ONSLOW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	INIT.	DATE
PREPARED BY:	REVIEWED BY:	REVISIONS	DATE
SCALE 0 NONE		SIGNATURE: <i>[Signature]</i> 7.20.2011 DATE	

7/20/2011 \\SP\JONES\jax\_spl\_054.dgn

**SPLICE ENCLOSURE AT  
LEJEUNE BLVD AND  
TARAWA BLVD  
03-0120  
CCTV-29**

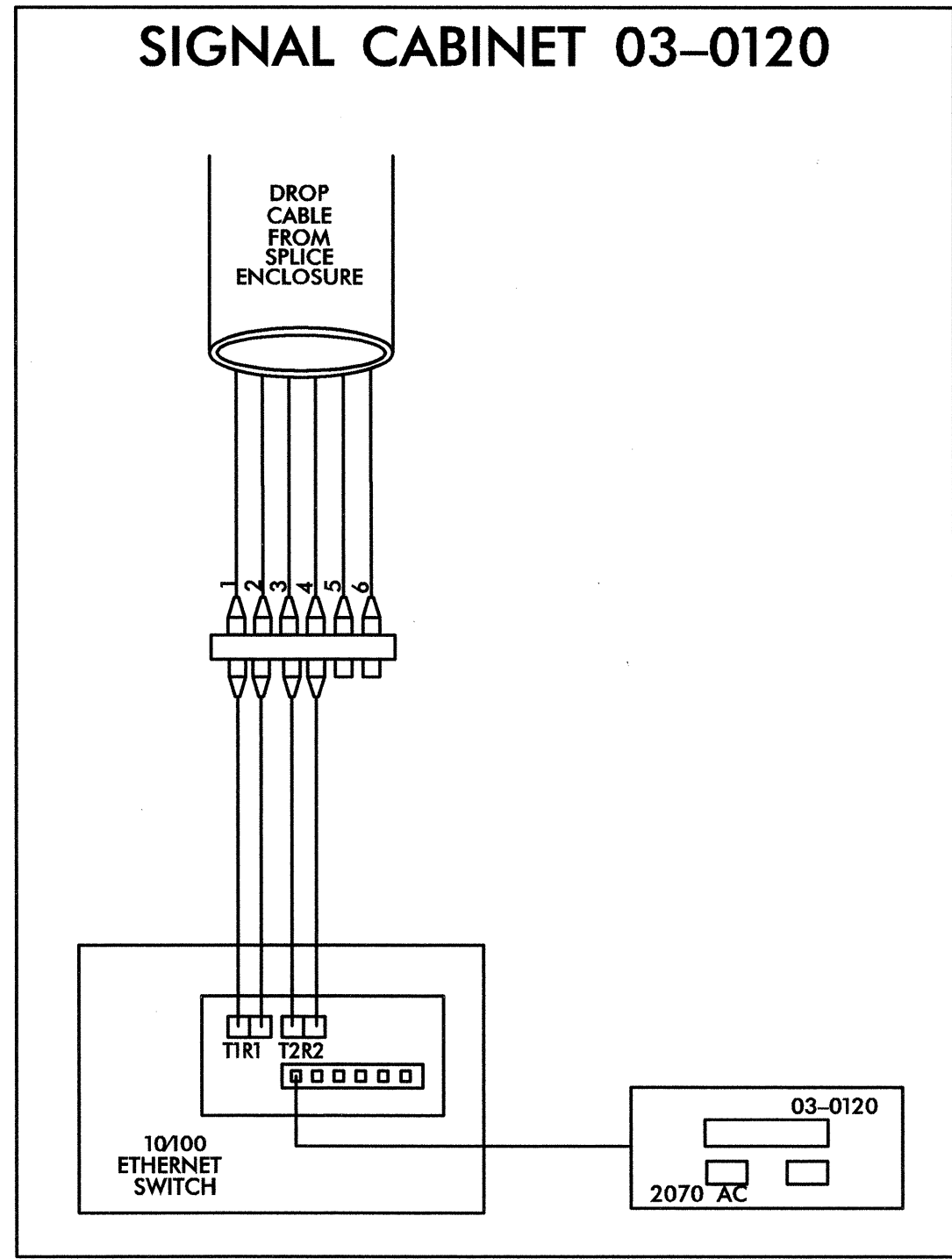
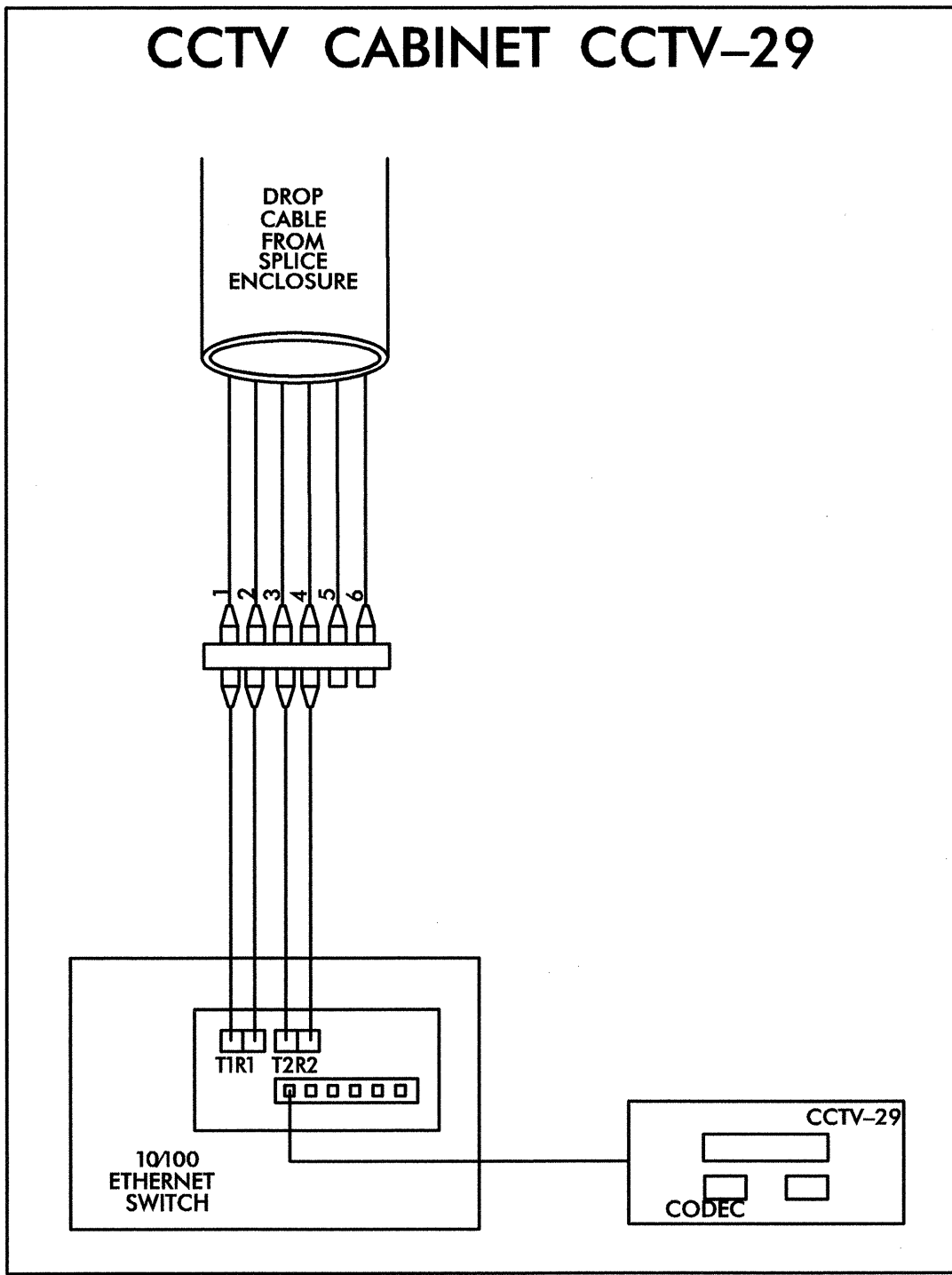
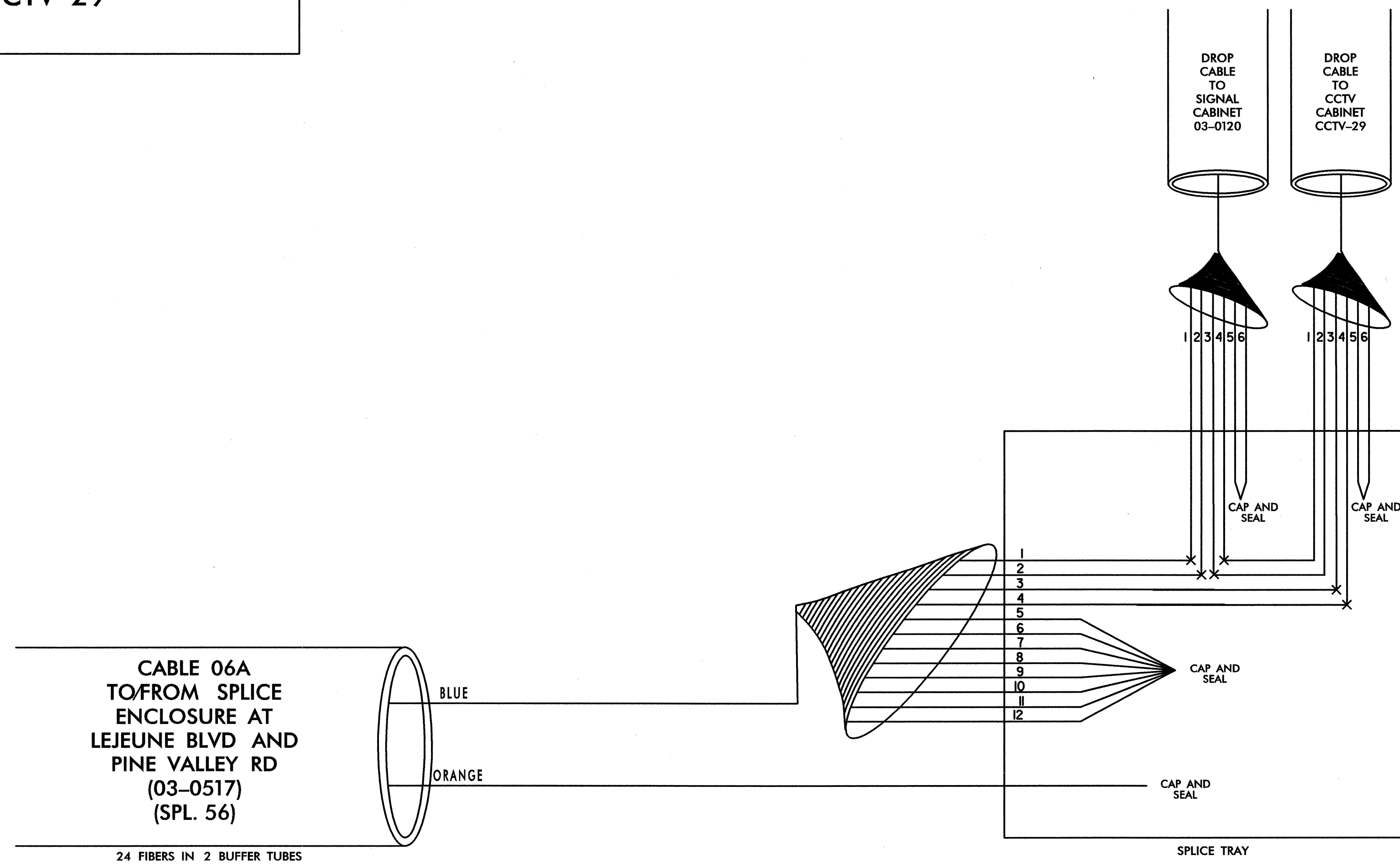
**LEGEND**

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

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE**  
Transportation Mobility and Safety Division  
**UNIVERSITY OF NORTH CAROLINA**  
Department of Transportation Systems

250 N. Greenfield Place, Garner, NC 27529

SCALE  
0  
NONE

**CITY OF JACKSONVILLE**  
**COMPUTERIZED SIGNAL SYSTEM**  
**SPLICE DIAGRAM**

GROUP 6		ONSLOW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	PREPARED BY:	REVIEWED BY:
REVISIONS	INIT.	DATE	



*[Signature]* 7-20-2011  
SIGNATURE DATE

**SPLICE ENCLOSURE AT  
LEJEUNE BLVD AND  
PINE VALLEY RD  
03-0517  
CCTV-28**

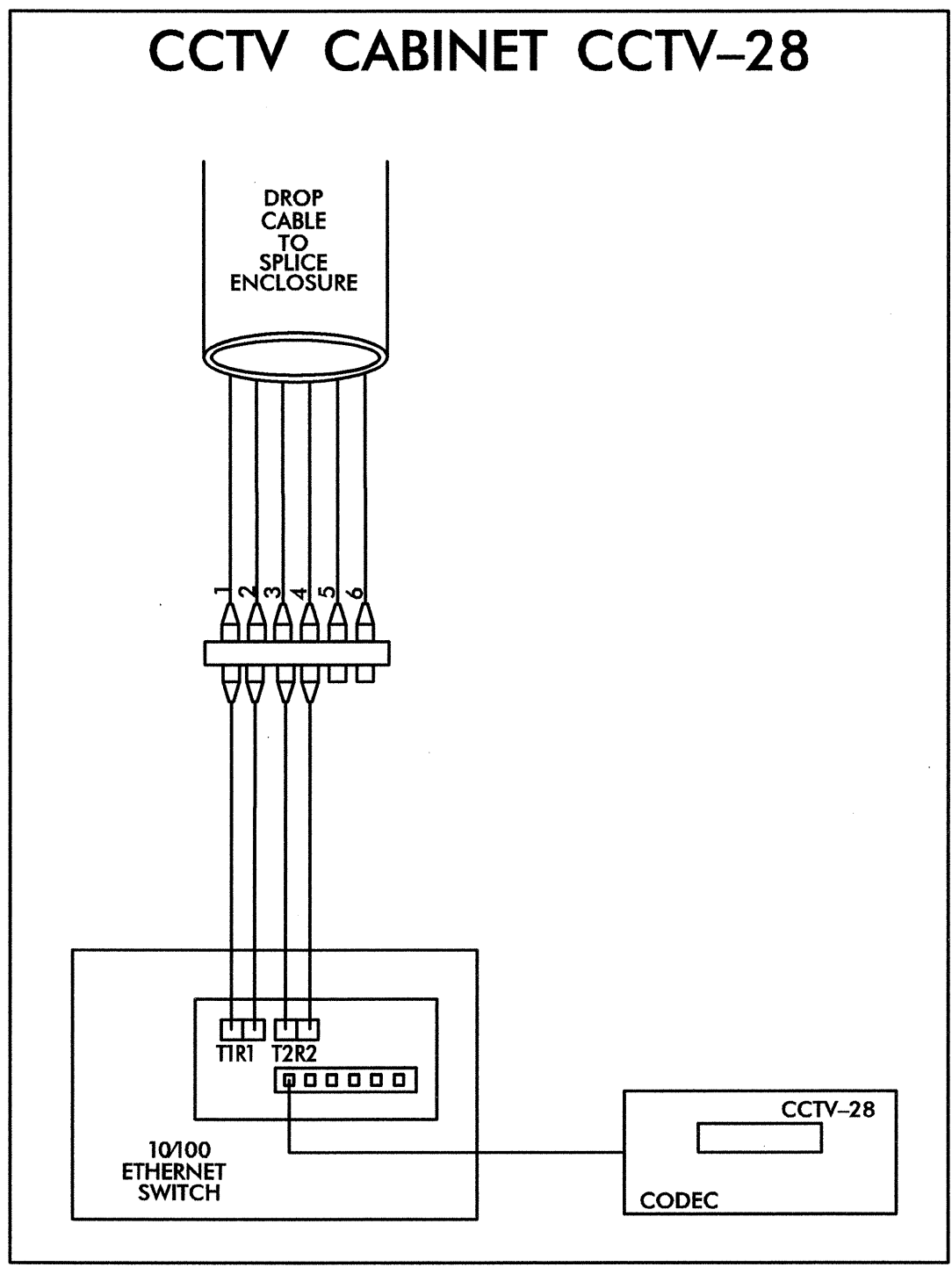
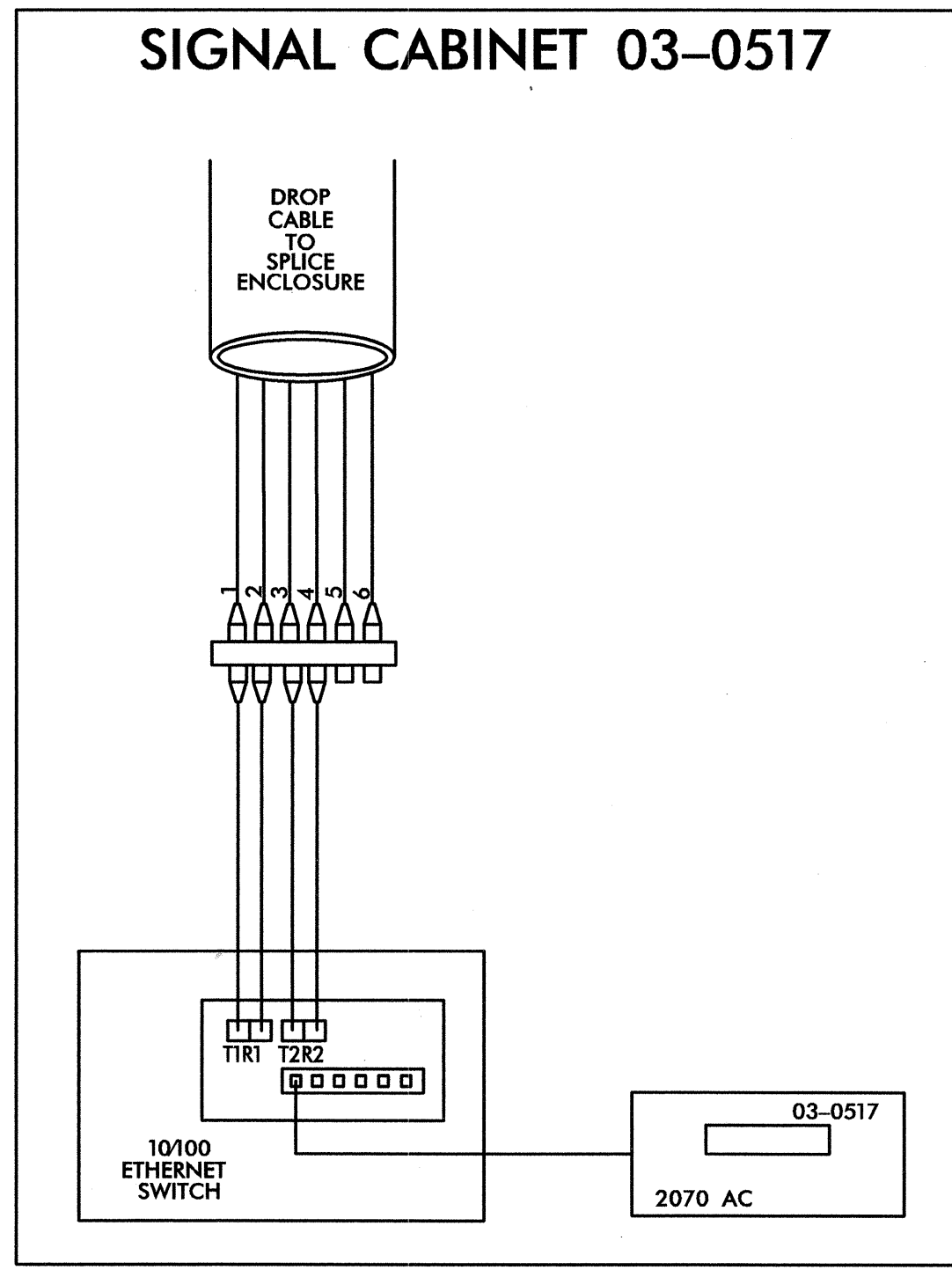
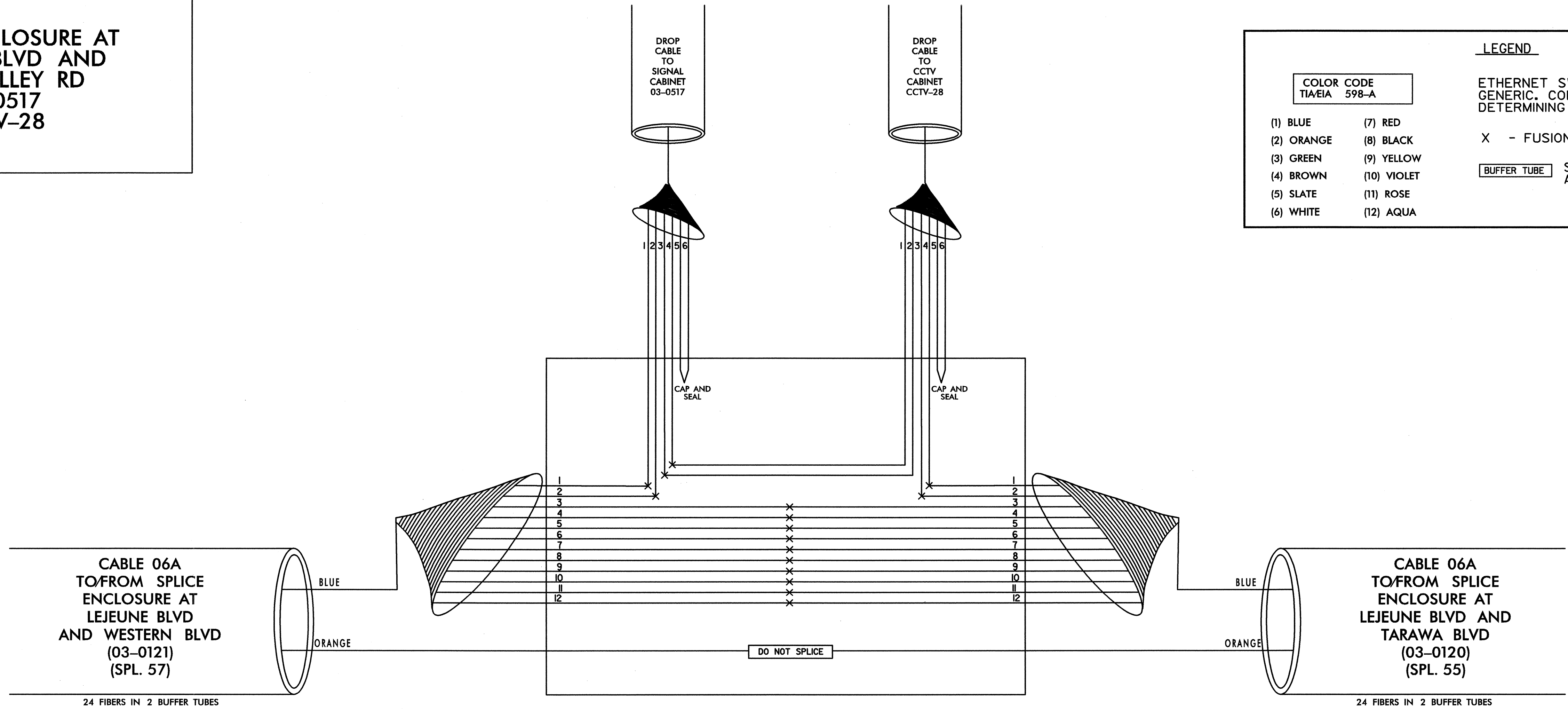
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



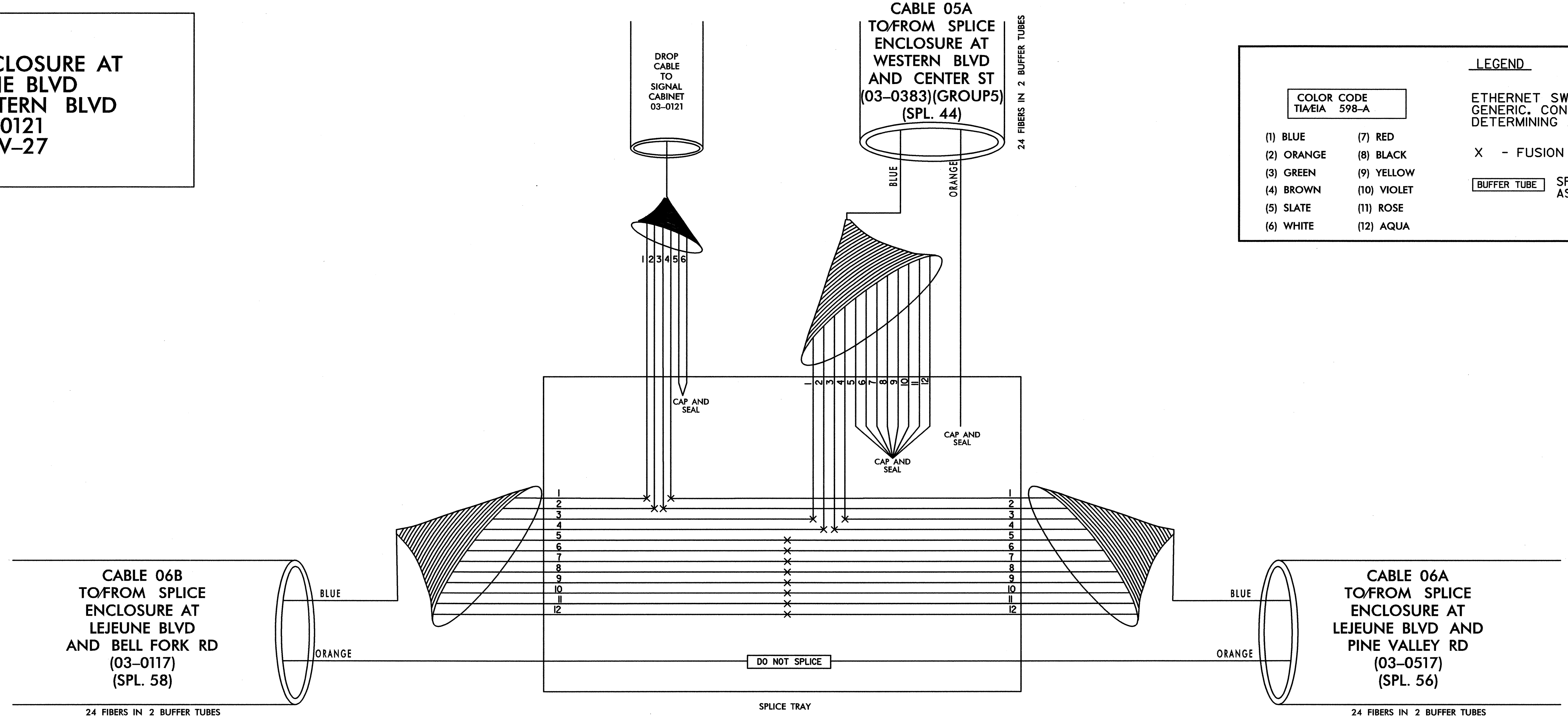
**TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.**

PLANS PREPARED IN THE OFFICE OF:

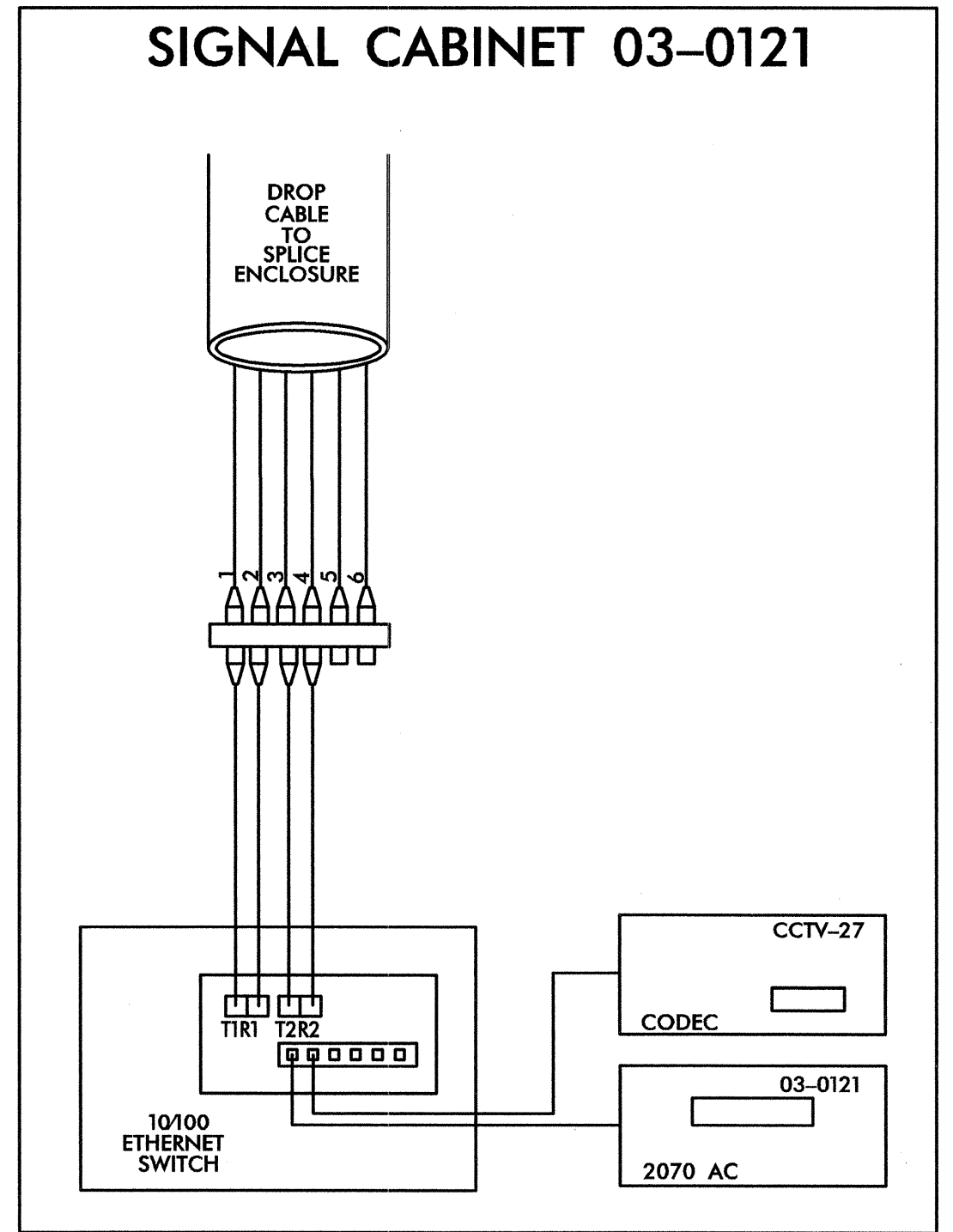
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
	GROUP 6	ONSLOW COUNTY
	PLAN DATE: JULY 2011	REVIEWED BY:
	PREPARED BY:	REVIEWED BY:
SCALE 0 NONE	REVISIONS	INIT. DATE
SIGNATURE		DATE

**SPLICE ENCLOSURE AT  
LEJEUNE BLVD  
AND WESTERN BLVD  
03-0121  
CCTV-27**



COLOR CODE TIA/EIA 598-A		LEGEND
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(3) GREEN	(9) YELLOW	X - FUSION SPLICE INDIVIDUAL FIBER
(4) BROWN	(10) VIOLET	BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



**TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.**

PLANS PREPARED IN THE OFFICE OF:  
Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 6	ONSLOW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:		
PREPARED BY:	REVIEWED BY:		
SCALE 0 NONE	REVISIONS	INIT.	DATE
			7.20.2011

7/20/2011 \_ASPLICING Jax\_spl\_057.dgn



**SPLICE ENCLOSURE AT  
LEJEUNE BLVD AND  
BELL FORK RD  
03-0117  
CCTV-26**

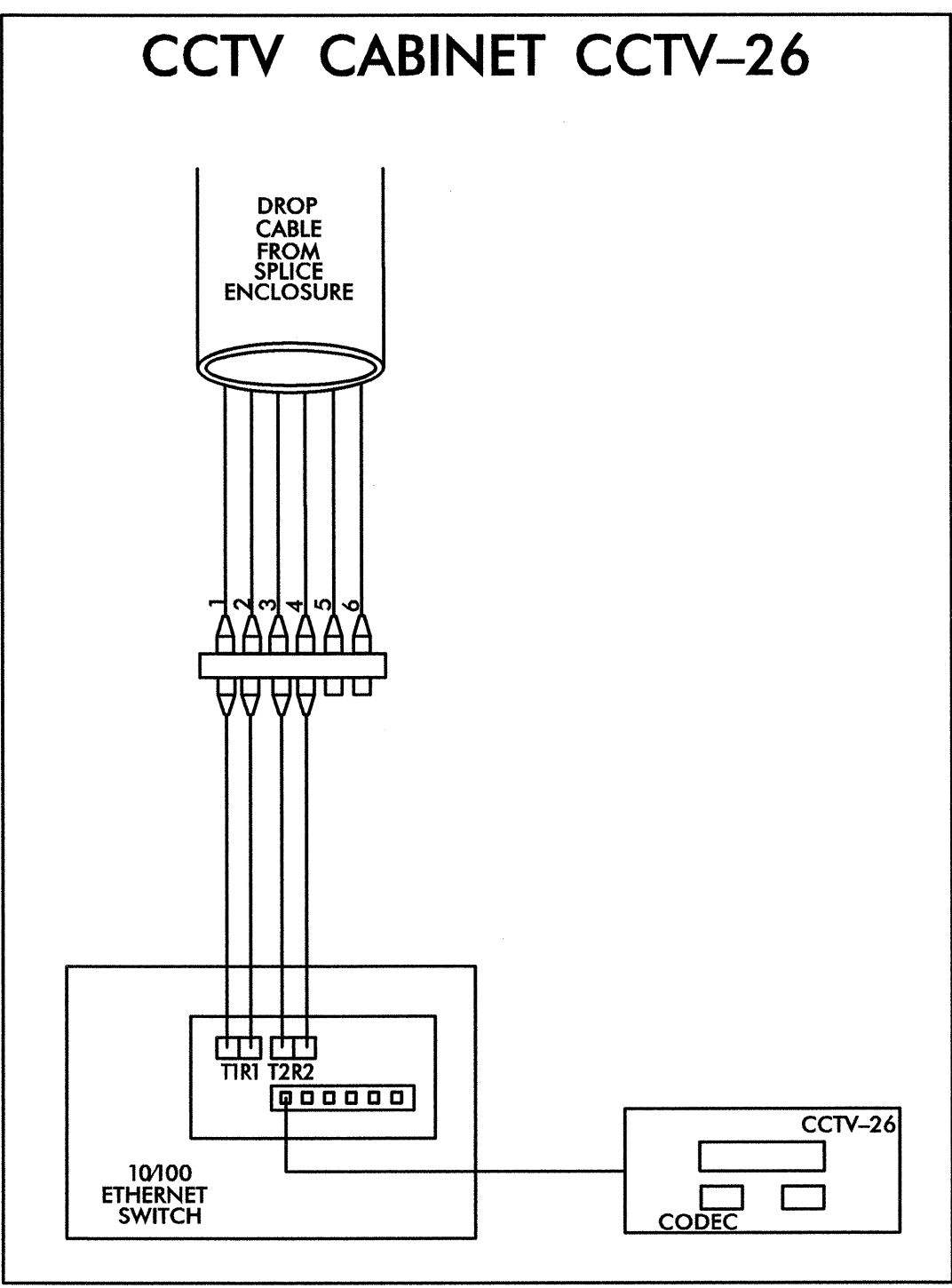
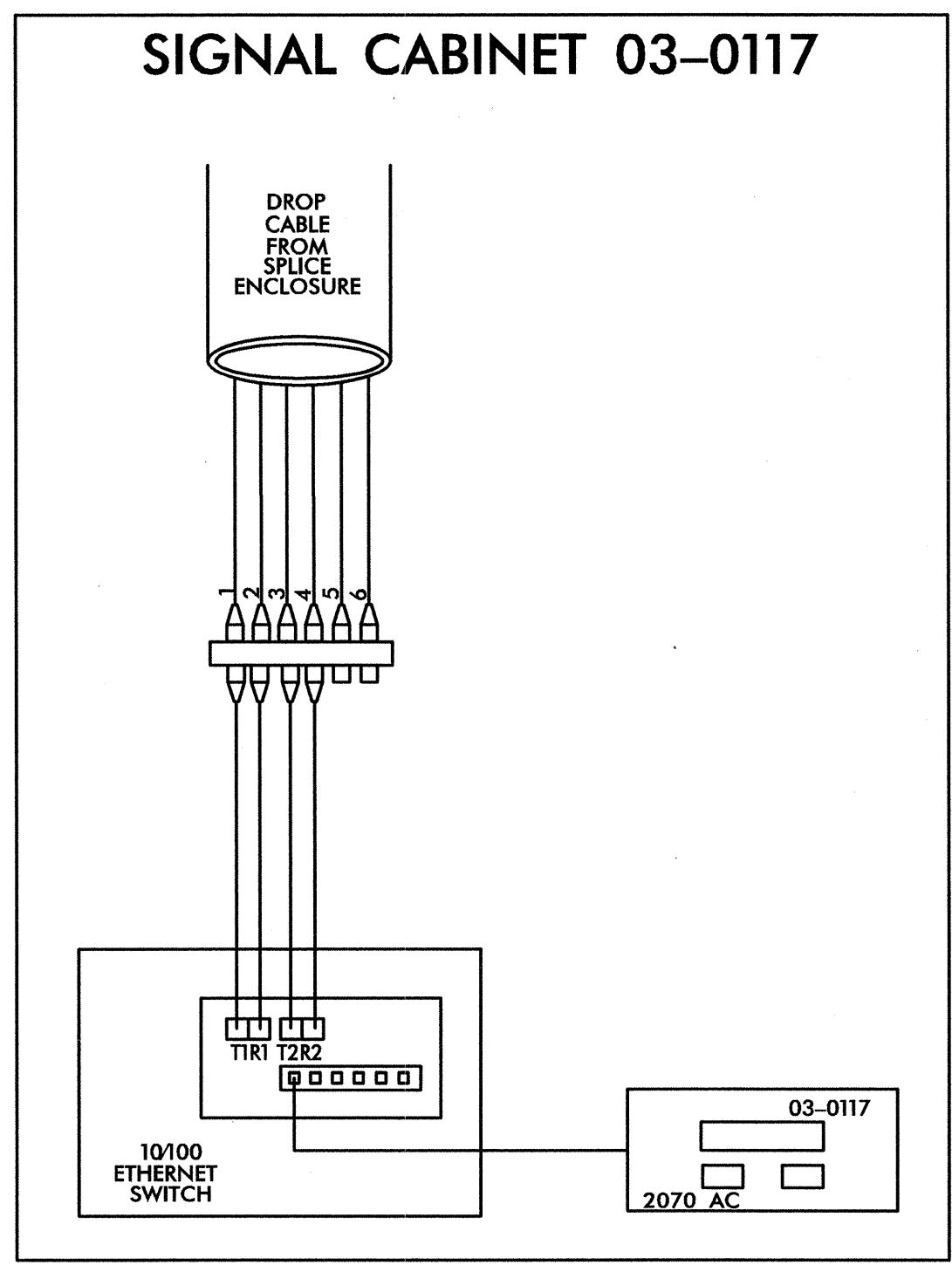
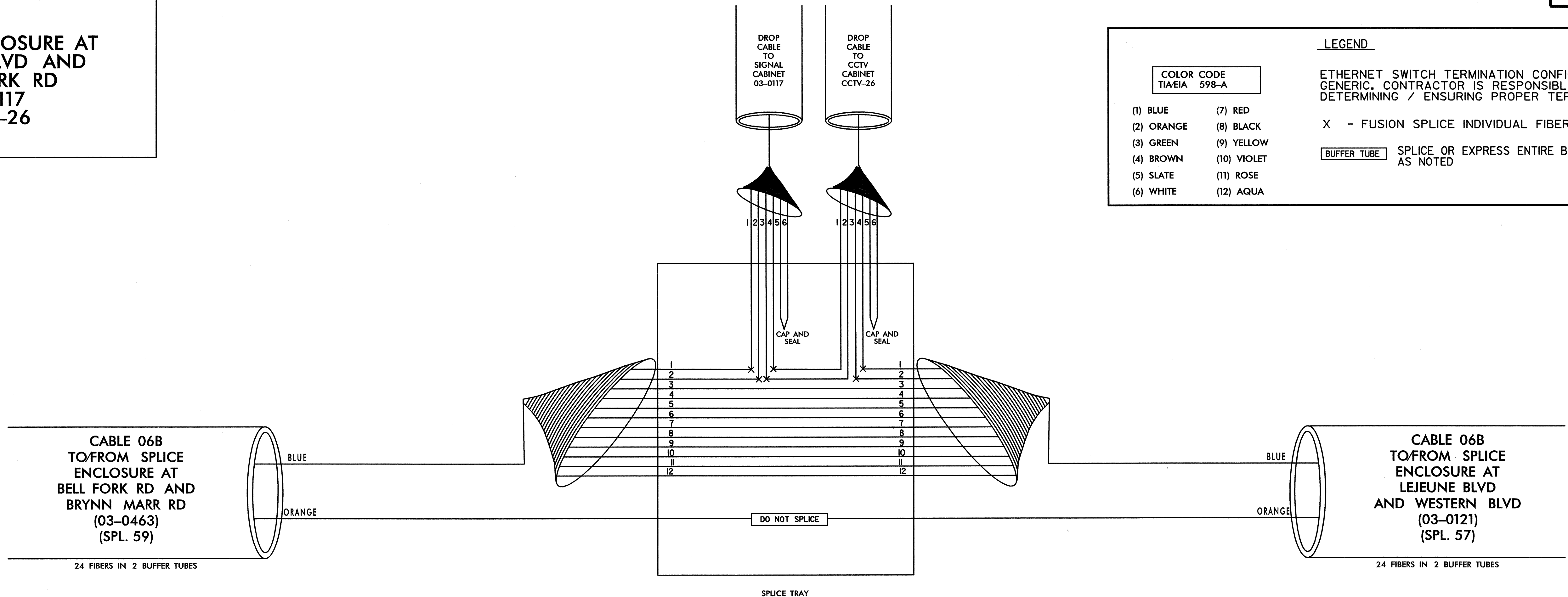
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 6 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_ REVIEWED BY: \_\_\_\_\_

REVISIONS: \_\_\_\_\_ INIT. DATE

SCALE: 0 NONE

250 N. Greenfield Pkwy., Garner, NC 27529

**PROFESSIONAL SEAL**  
NORTH CAROLINA  
SEAL 031558  
M. SMUSZ VENEKLOCH  
ENGINEER

SIGNATURE: \_\_\_\_\_ DATE: 7-20-2011

7/20/2011  
\_SPLICING\_lax\_spl\_058.dgn



**SPLICE ENCLOSURE AT  
BELL FORK RD AND  
BRYNN MARR RD  
03-0463**

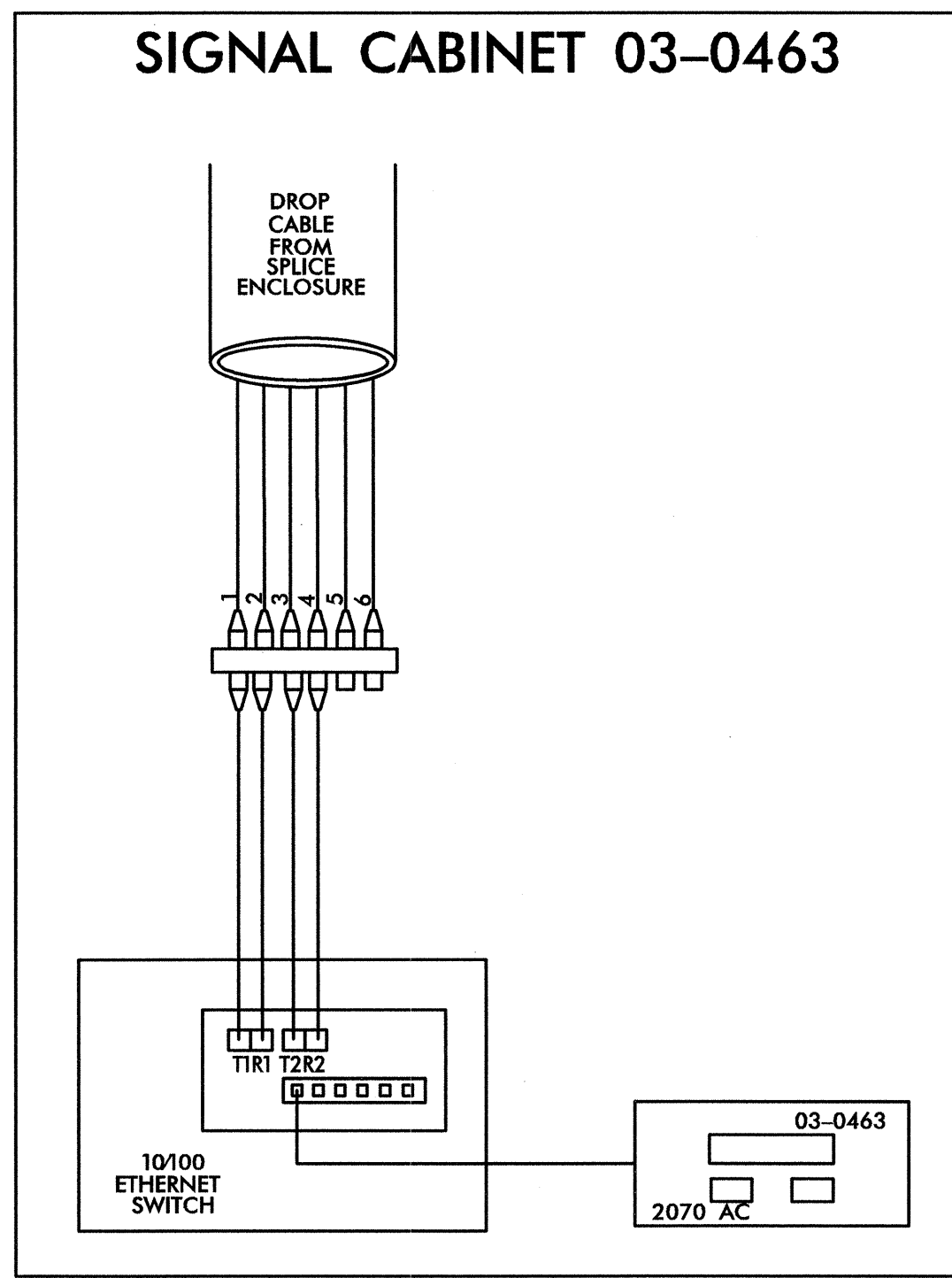
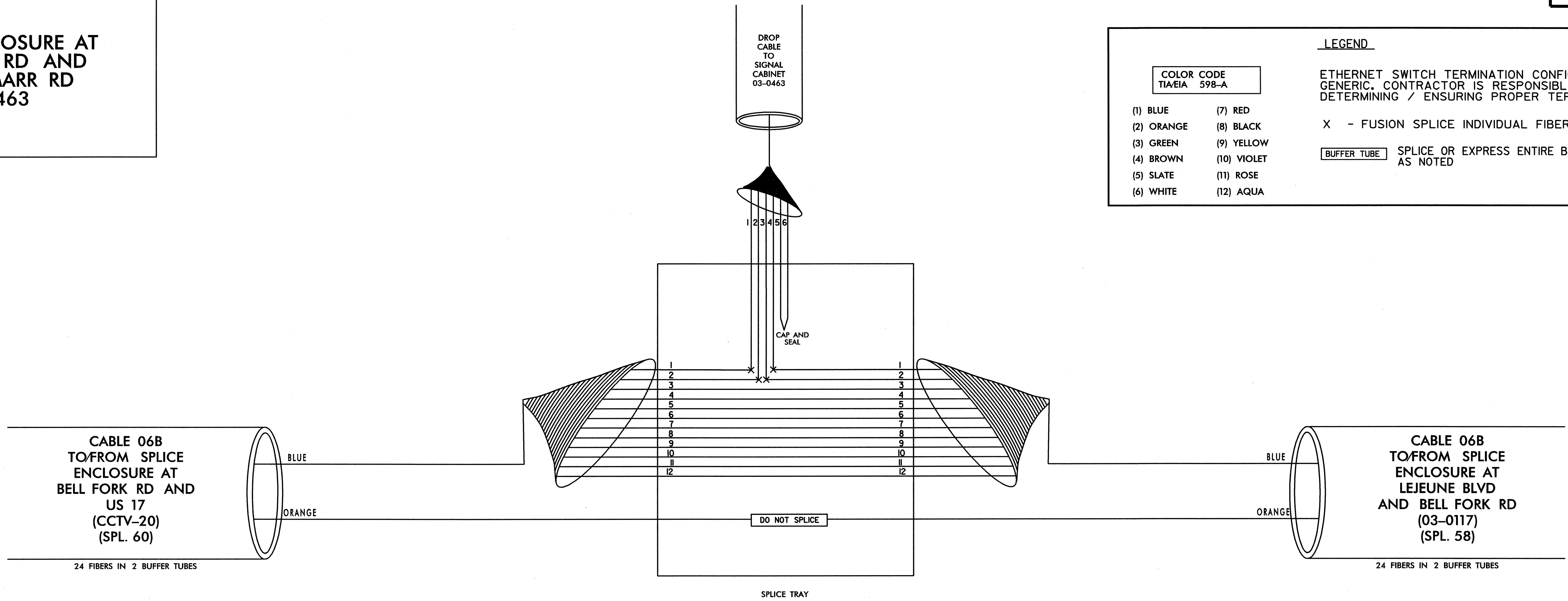
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 6 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY:	
SCALE 0 NONE		REVISIONS	INIT. DATE 7.20.2011

7/20/2011 \\SPLICING\jax\_spl\_059.dgn

**SPLICE ENCLOSURE AT  
BELL FORK RD  
AND US 17  
CCTV-20**

**LEGEND**

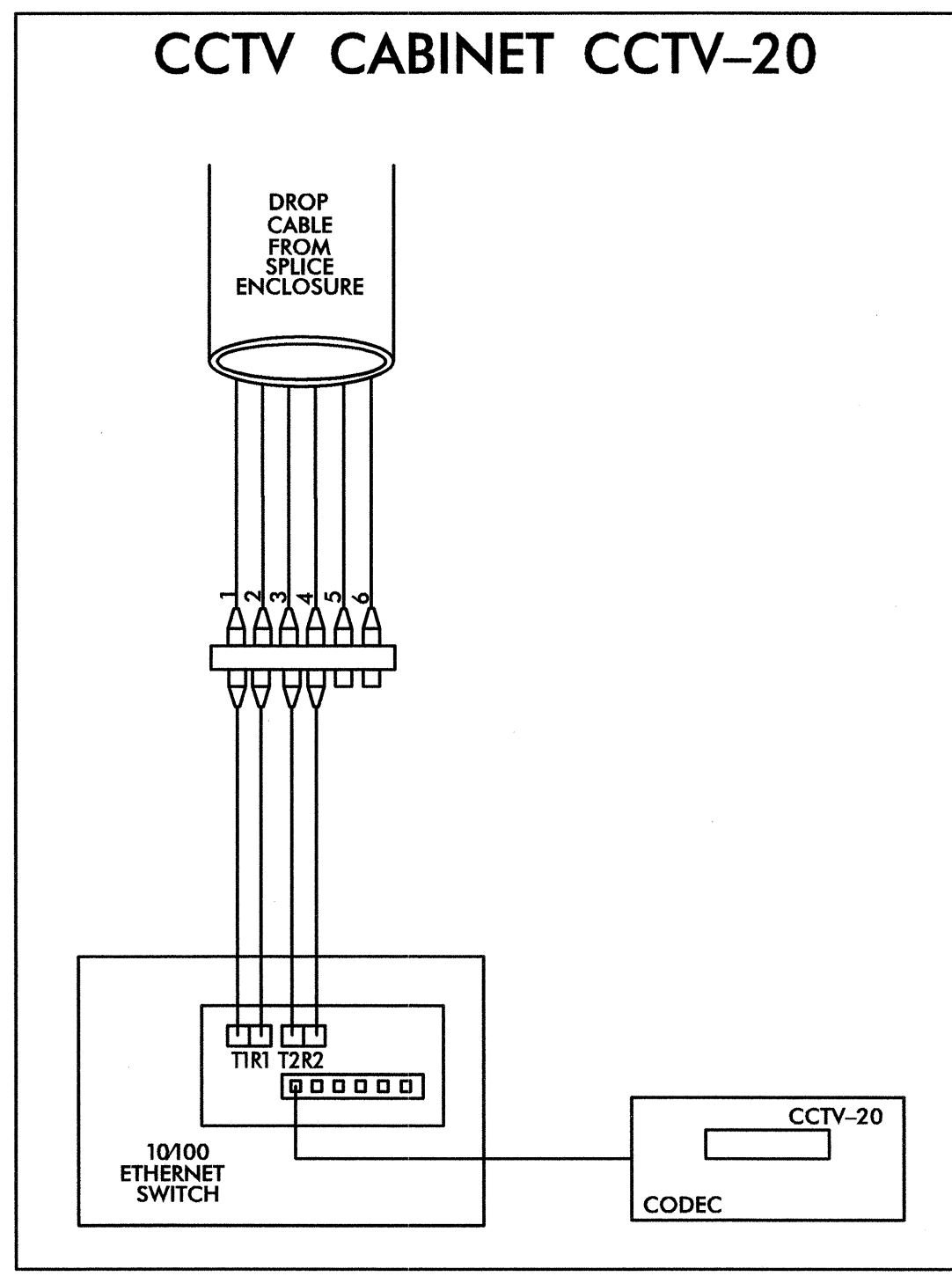
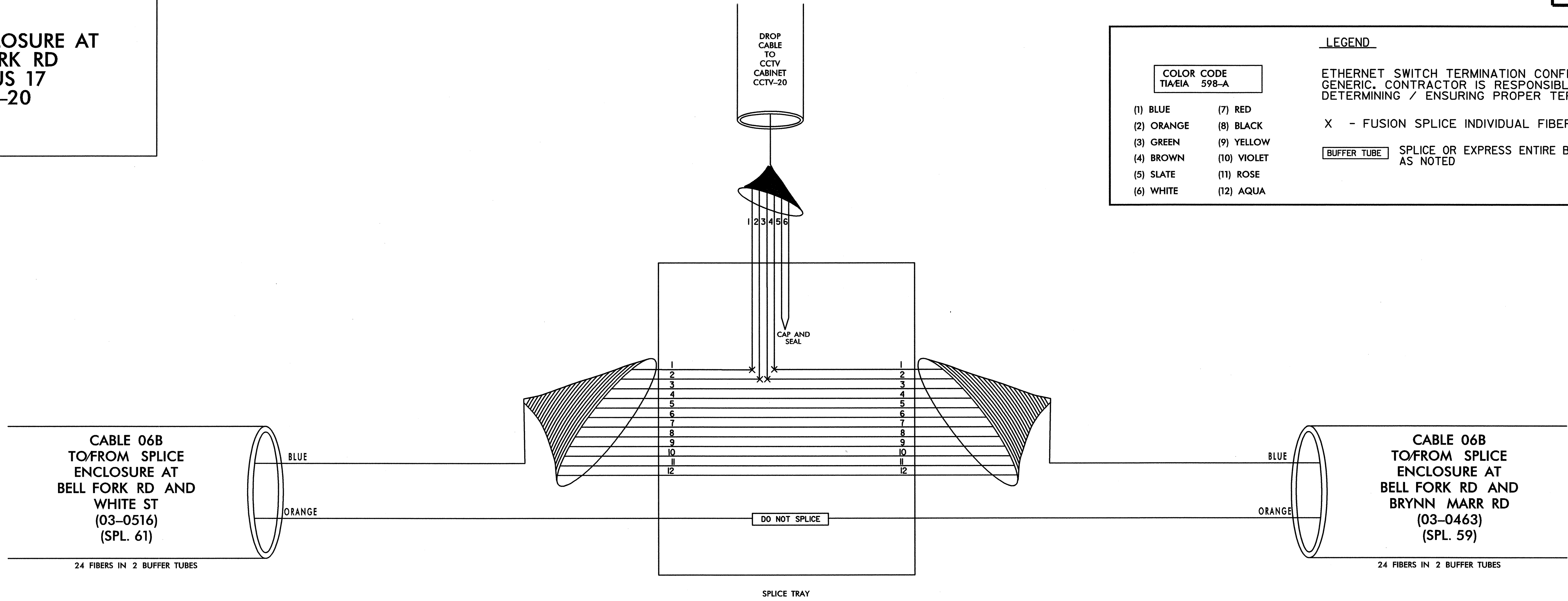
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**COLOR CODE**  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:

Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 6	ONSLOW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:		
PREPARED BY:	REVIEWED BY:		
SCALE	REVISIONS	INIT.	DATE
0			
NONE			
			7-20-2011
			SIGNATURE DATE

7/20/2011 \\splicing\jax\_spl\_060.dgn

**SPLICE ENCLOSURE AT  
BELL FORK RD  
AND WHITE ST EXT  
03-0516**

**EXISTING CABLE 06D  
TO/FROM SPLICE  
ENCLOSURE AT  
WHITE ST EXT  
AND US 17  
SB RAMP  
(03-1059) (SPL. 62)**

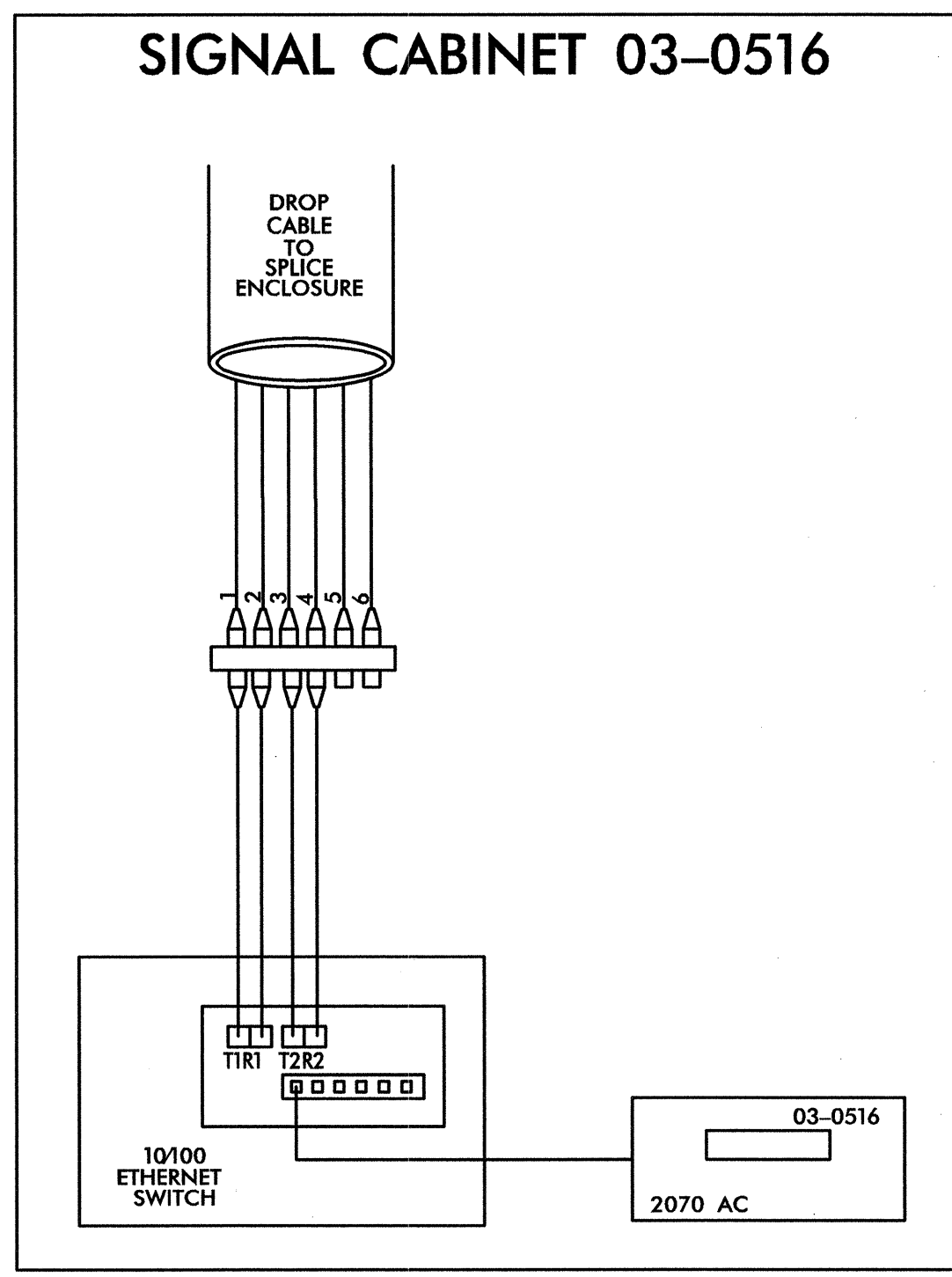
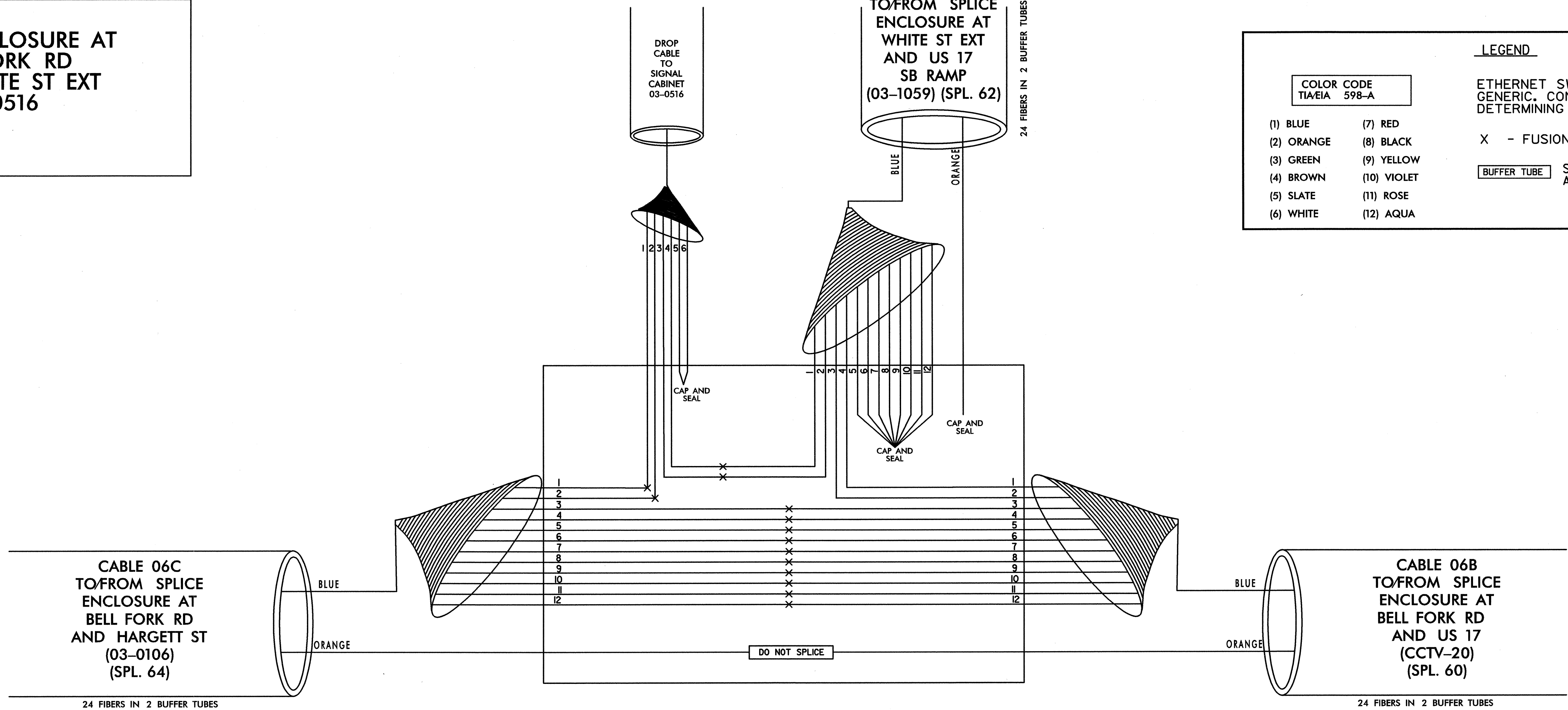
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



**TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.**

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 6 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS INIT. DATE

SCALE: 0 NONE

7.20.2011

SIGNATURE DATE

7/20/2011 10:51:06 AM \\splicing\jax\_spl\_061.dgn

EXISTING SPLICE ENCLOSURE AT WHITE ST EXT AND US 17 SB RAMP 03-1059

**LEGEND**

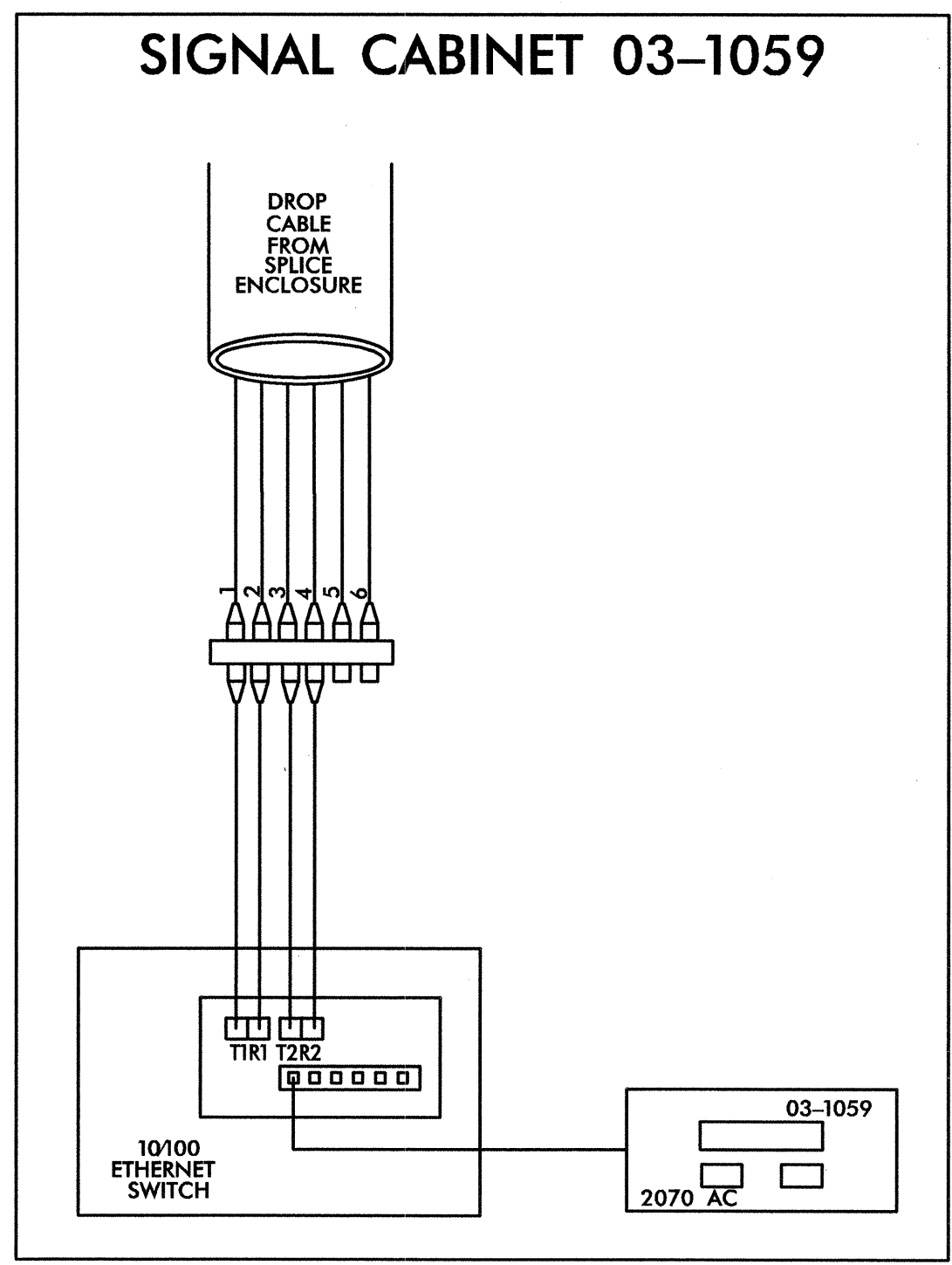
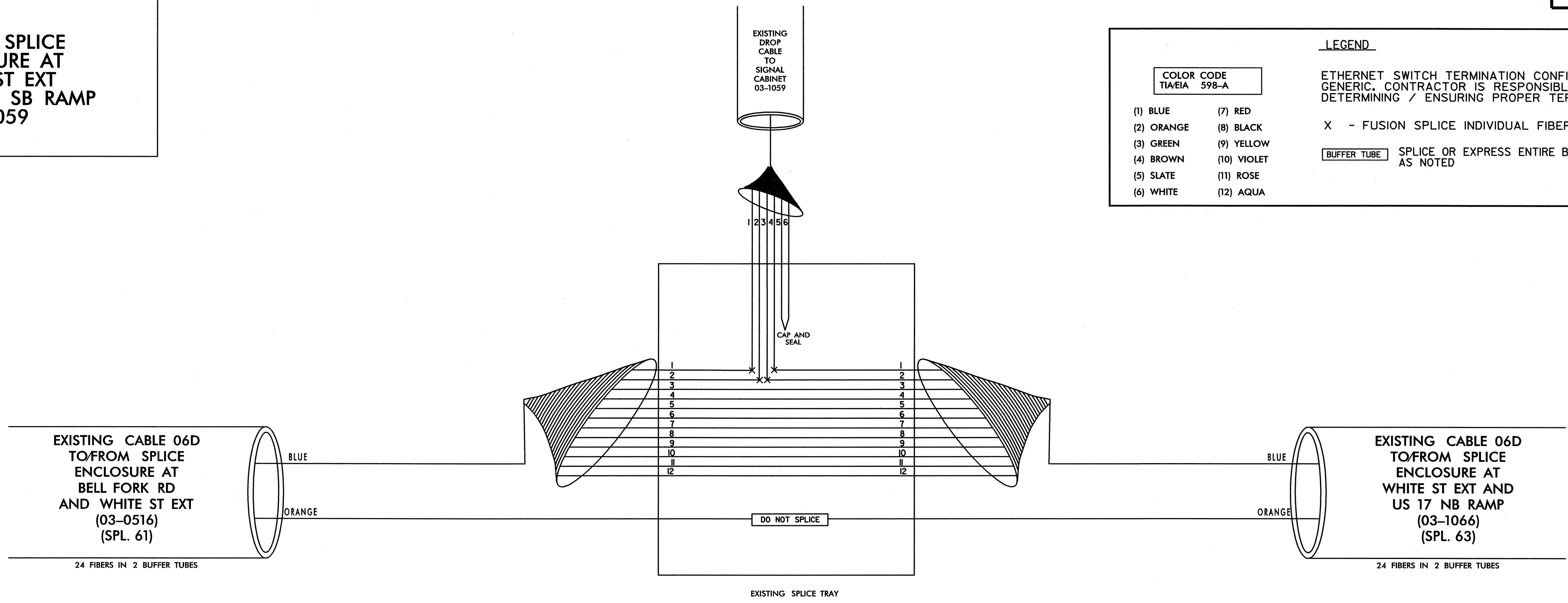
COLOR CODE TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
 Kimley-Horn and Associates, Inc.  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

 PROFESSIONAL ENGINEER SEAL 031558 M. SMUZ	CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM	
	GROUP 6 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY: REVIEWED BY:
SCALE 0 NONE	REVISIONS INIT. DATE	SIGNATURE DATE 7.20.2011

7/20/2011 1:52:10 PM SPLACING\jax\_spl\_062.dgn



EXISTING SPLICE ENCLOSURE AT WHITE ST AND US 17 NB RAMP 03-1066

**LEGEND**

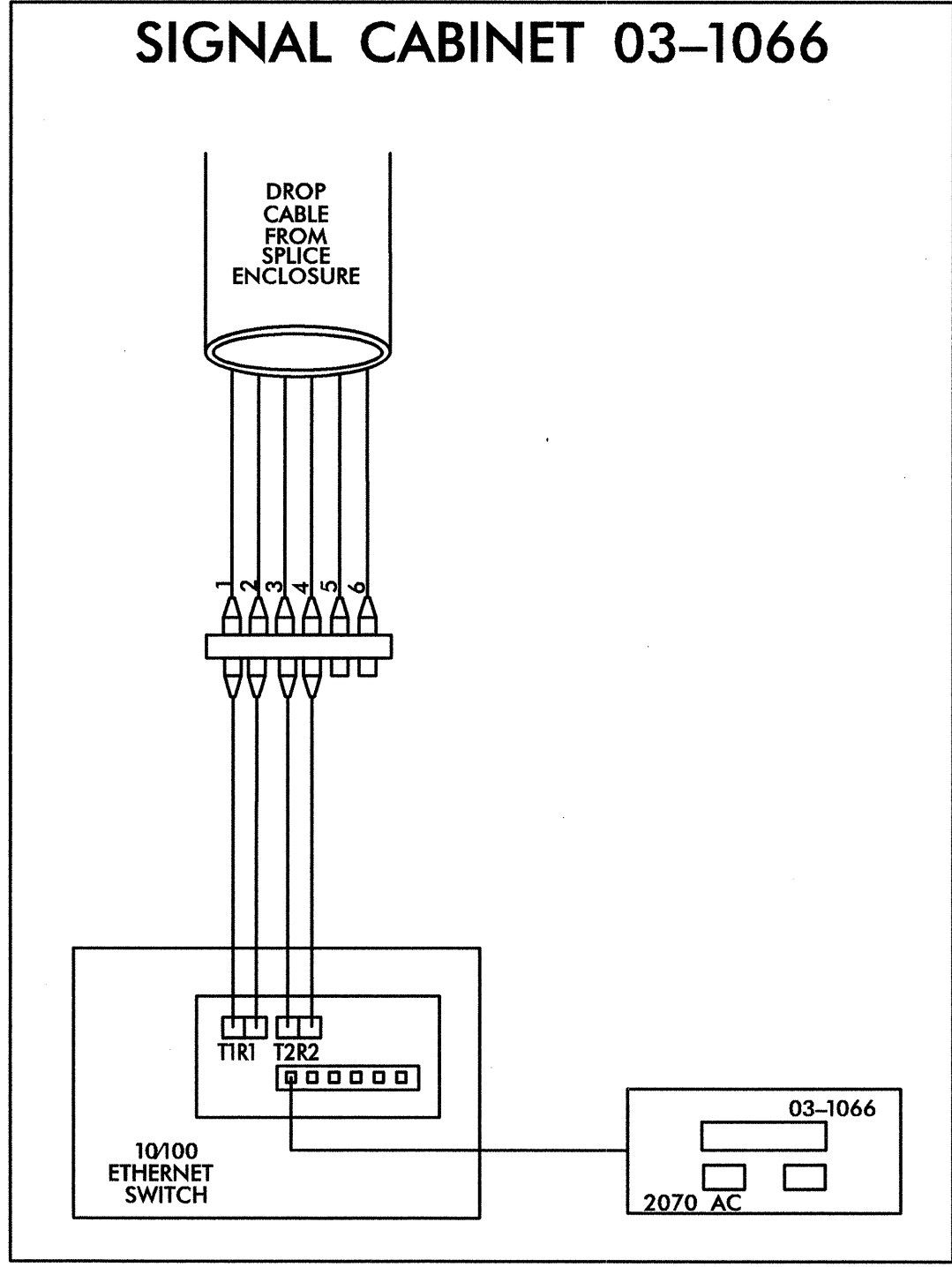
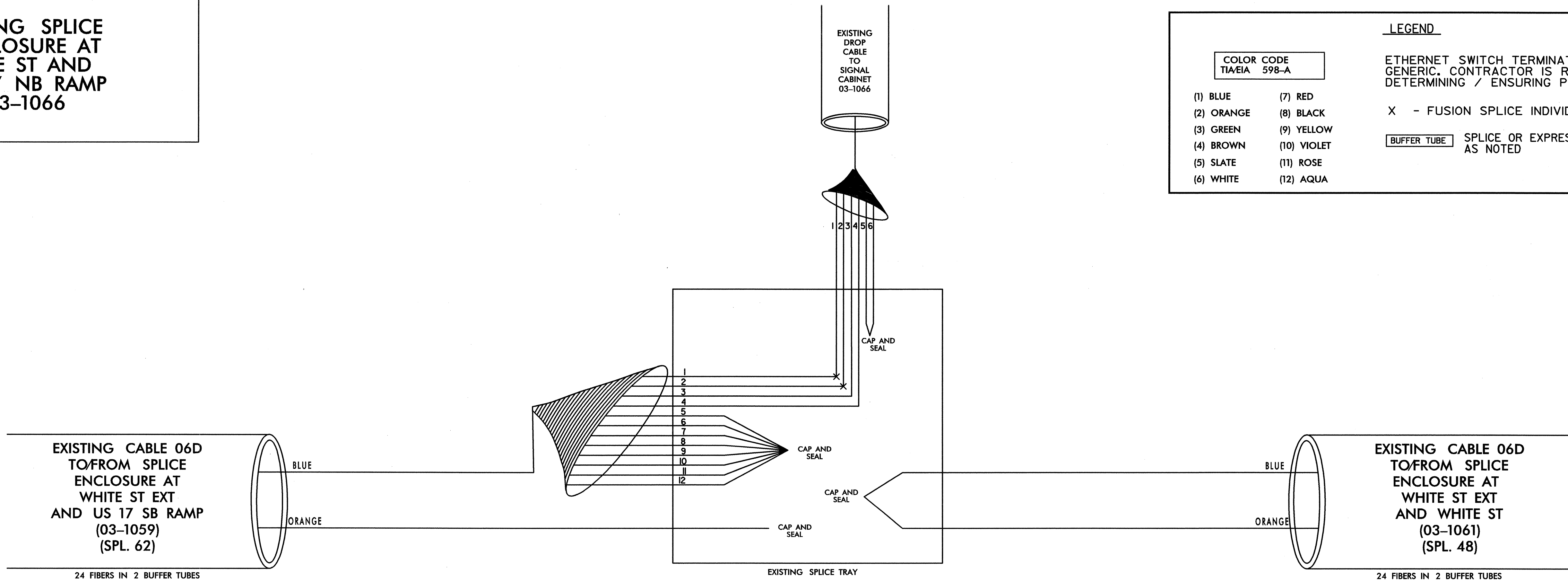
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**COLOR CODE TIA/EIA 598-A**

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:

Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM

GROUP 6 ONSLOW COUNTY  
PLAN DATE: JULY 2011 REVIEWED BY:  
PREPARED BY: REVIEWED BY:

REVISIONS	INIT.	DATE



SIGNATURE: *[Signature]* DATE: 7.20.2011

7/20/2011 \\splicing\jox\_spl\_063.dgn



**SPLICE ENCLOSURE AT  
BELL FORK RD AND  
HARGETT ST  
03-0106  
CCTV-21**

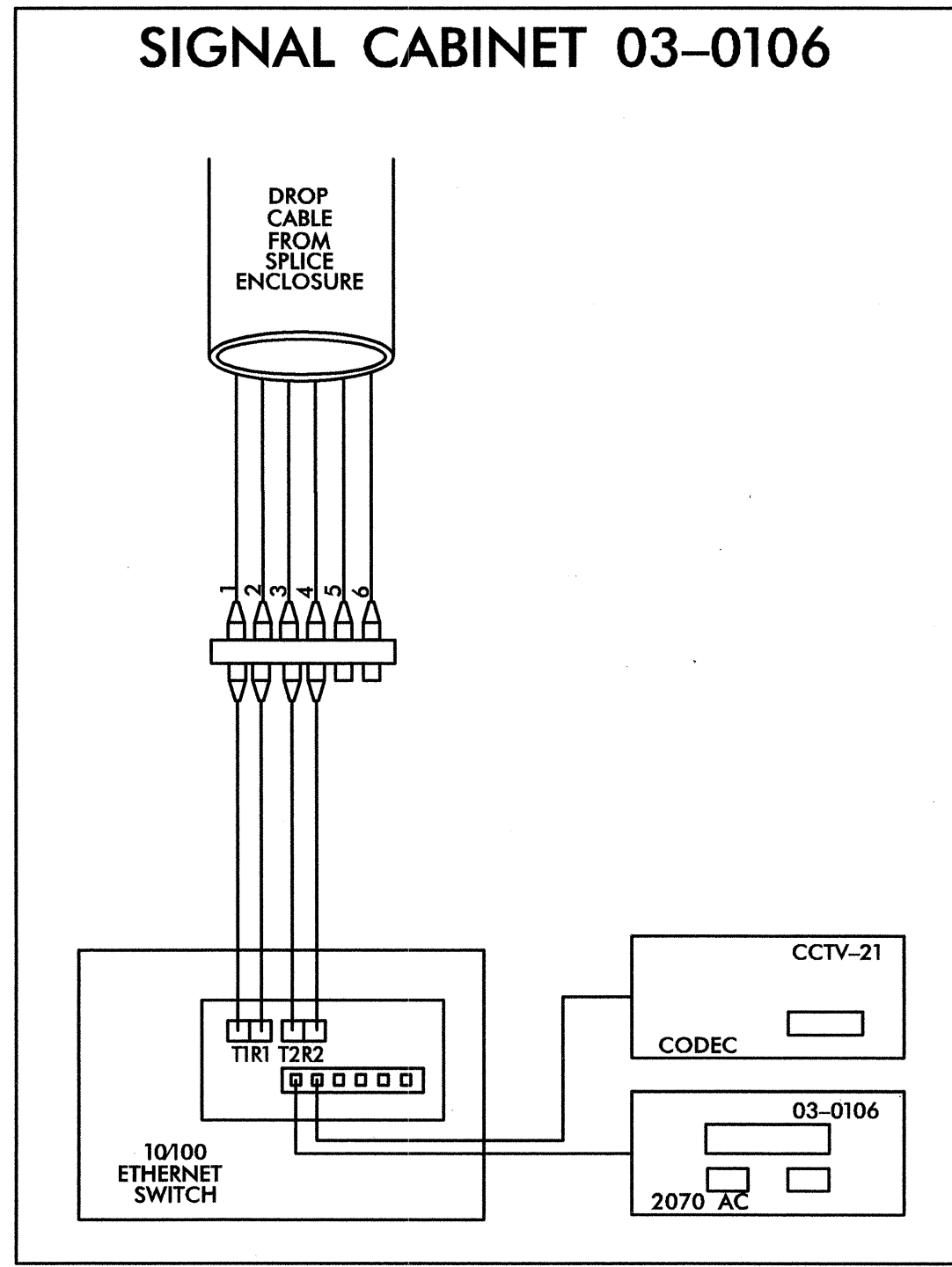
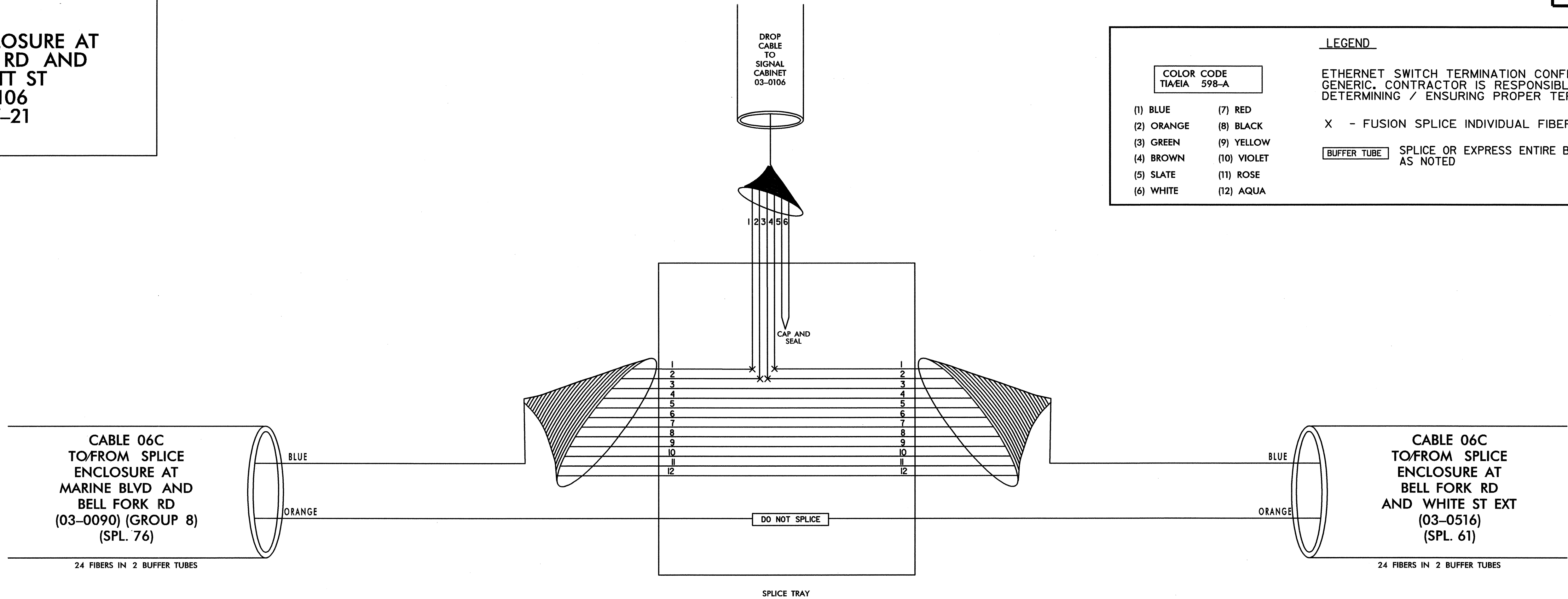
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, NC 27636-3068  
(919) 677-2000

 STATE OF NORTH CAROLINA PROFESSIONAL ENGINEER M. SMUSZ WENDELICH SEAL 031558	<b>CITY OF JACKSONVILLE</b> <b>COMPUTERIZED SIGNAL SYSTEM</b> <b>SPLICE DIAGRAM</b>	
	GROUP 6 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY: REVIEWED BY:
SCALE 0 NONE	REVISIONS INIT. DATE	SIGNATURE DATE  7.20.2011

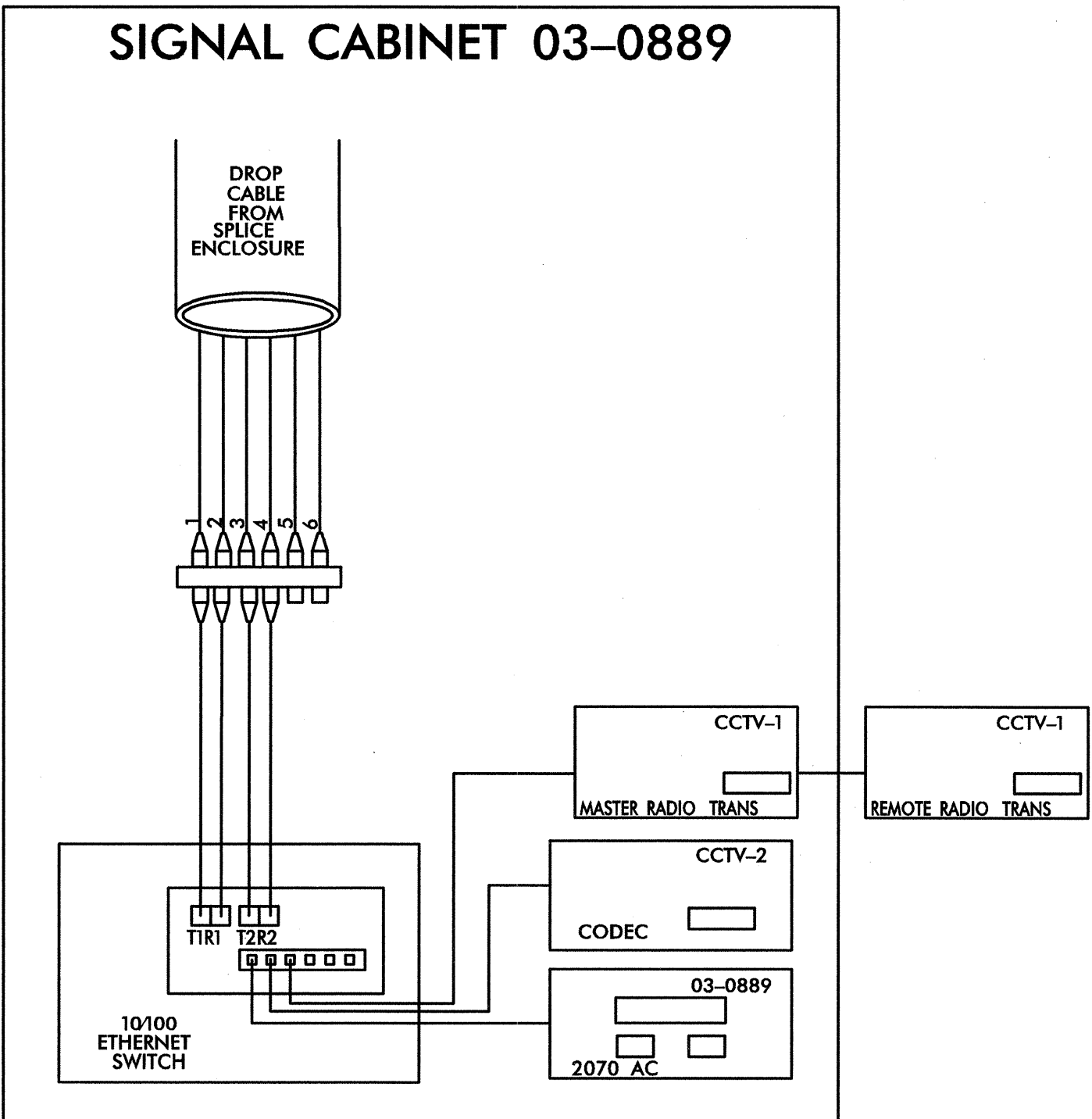
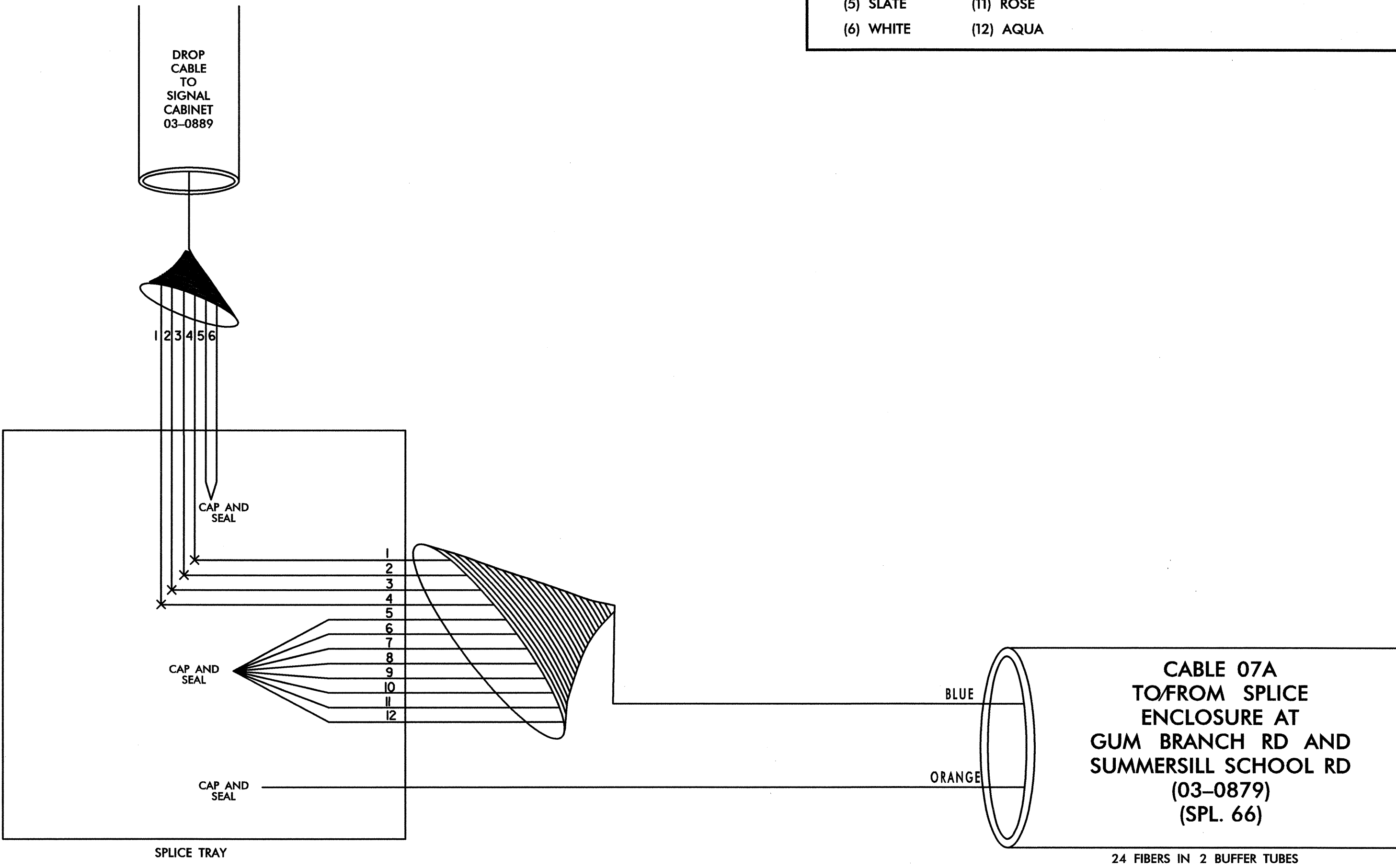
7/20/2011 \\SPLICING\joh\_spl\_064.dgn

**SPLICE ENCLOSURE  
 AT GUM BRANCH RD  
 AND RAMSEY RD  
 03-0889  
 CCTV-2  
 WIRELESS CCTV-1**

LEGEND

COLOR CODE TIA/EIA 598-A		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE (2) ORANGE (3) GREEN (4) BROWN (5) SLATE (6) WHITE	(7) RED (8) BLACK (9) YELLOW (10) VIOLET (11) ROSE (12) AQUA	

X - FUSION SPLICE INDIVIDUAL FIBER  
BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

7/20/2011 11:51:00 AM \splicing\jax\_spl\_065.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

	<b>CITY OF JACKSONVILLE                  COMPUTERIZED SIGNAL SYSTEM                  SPLICE DIAGRAM</b>	
	GROUP 7	ONSLOW COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:	PREPARED BY:
REVISIONS	INIT.	DATE
0 NONE	_____ SIGNATURE	7.20.2011 DATE

**SPLICE ENCLOSURE AT  
GUM BRANCH RD AND  
SUMMERSILL SCHOOL RD  
03-0879**

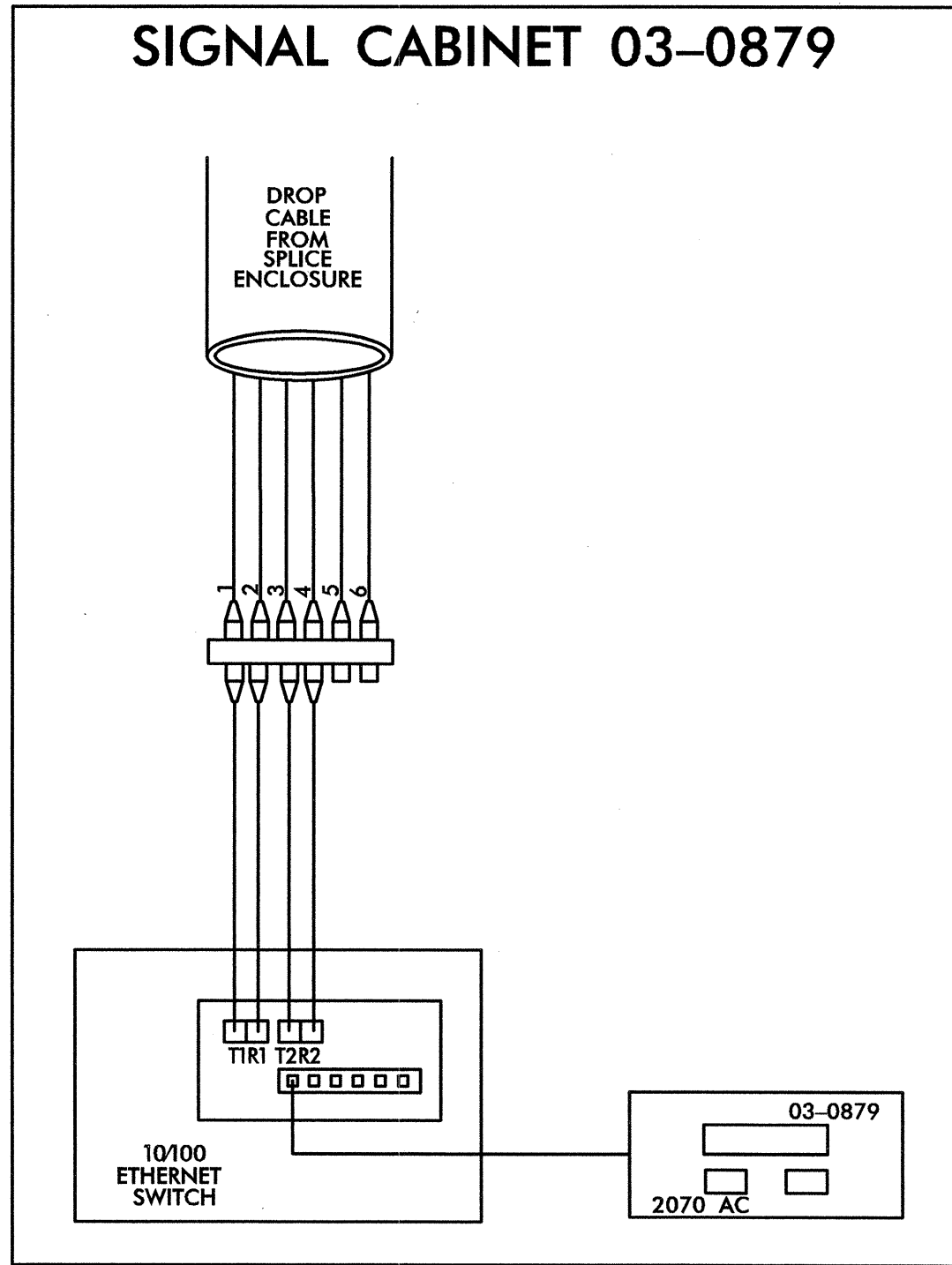
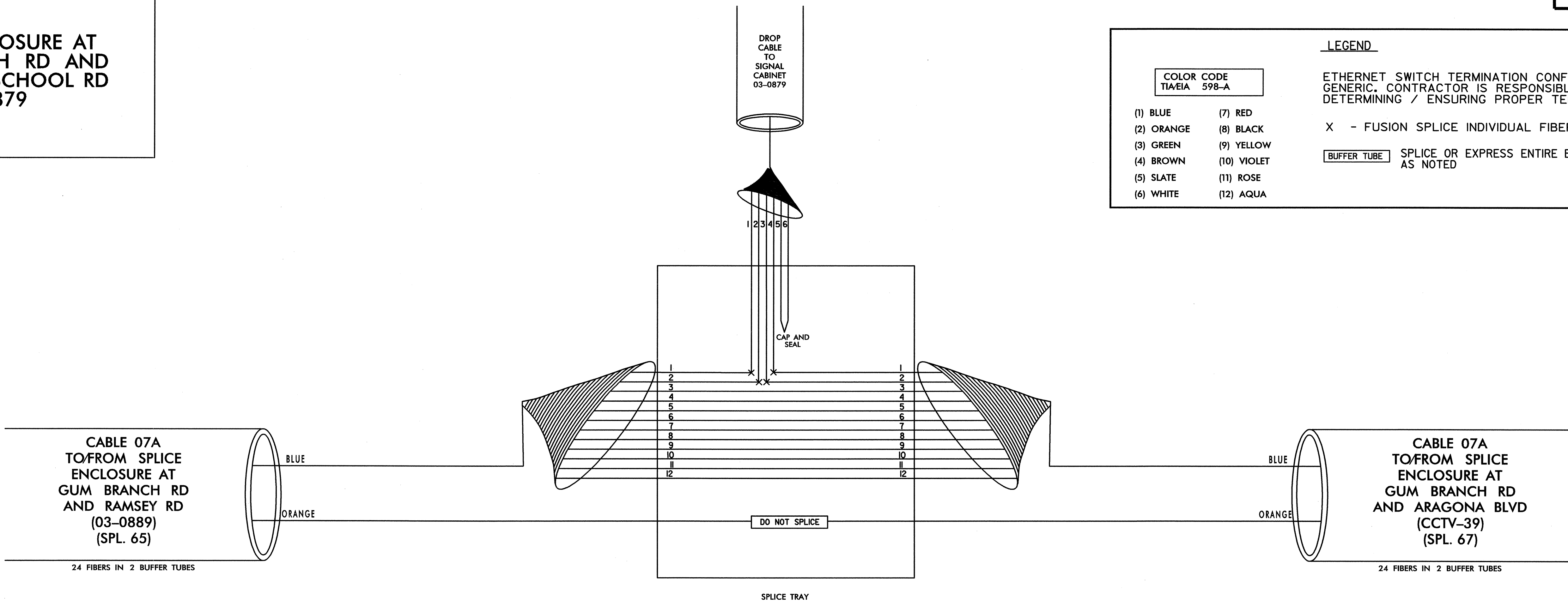
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPlice INDIVIDUAL FIBER

BUFFER TUBE - SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 7	ONSLow COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	PREPARED BY:	REVIEWED BY:
SCALE 0 NONE	REVISIONS	INIT.	DATE
		<i>[Signature]</i>	7/20/2011

7/20/2011 -SPLACING Jax\_spl\_066.dgn

**SPLICE ENCLOSURE AT  
GUM BRANCH RD AND  
ARAGONA BLVD  
CCTV-39**

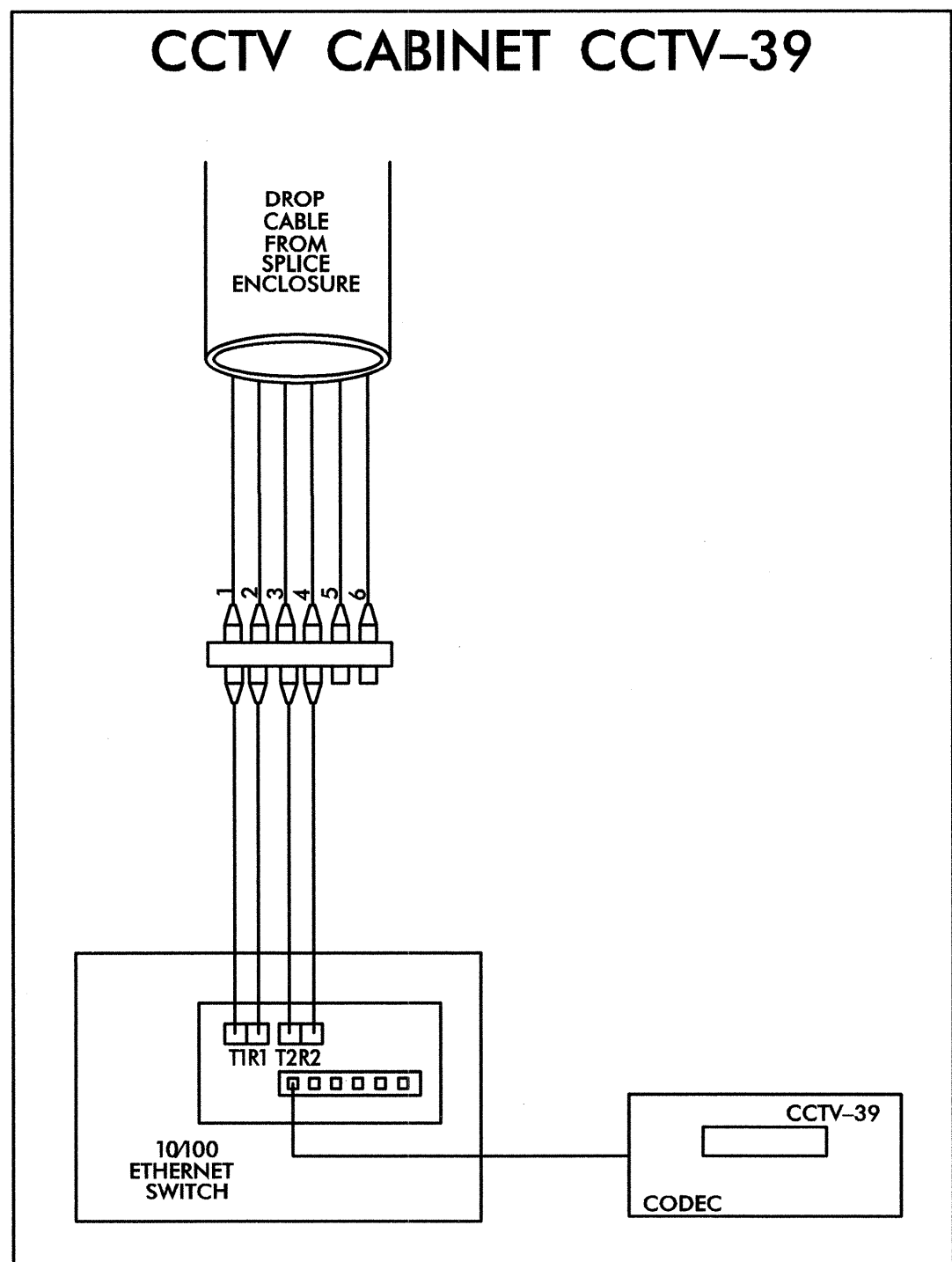
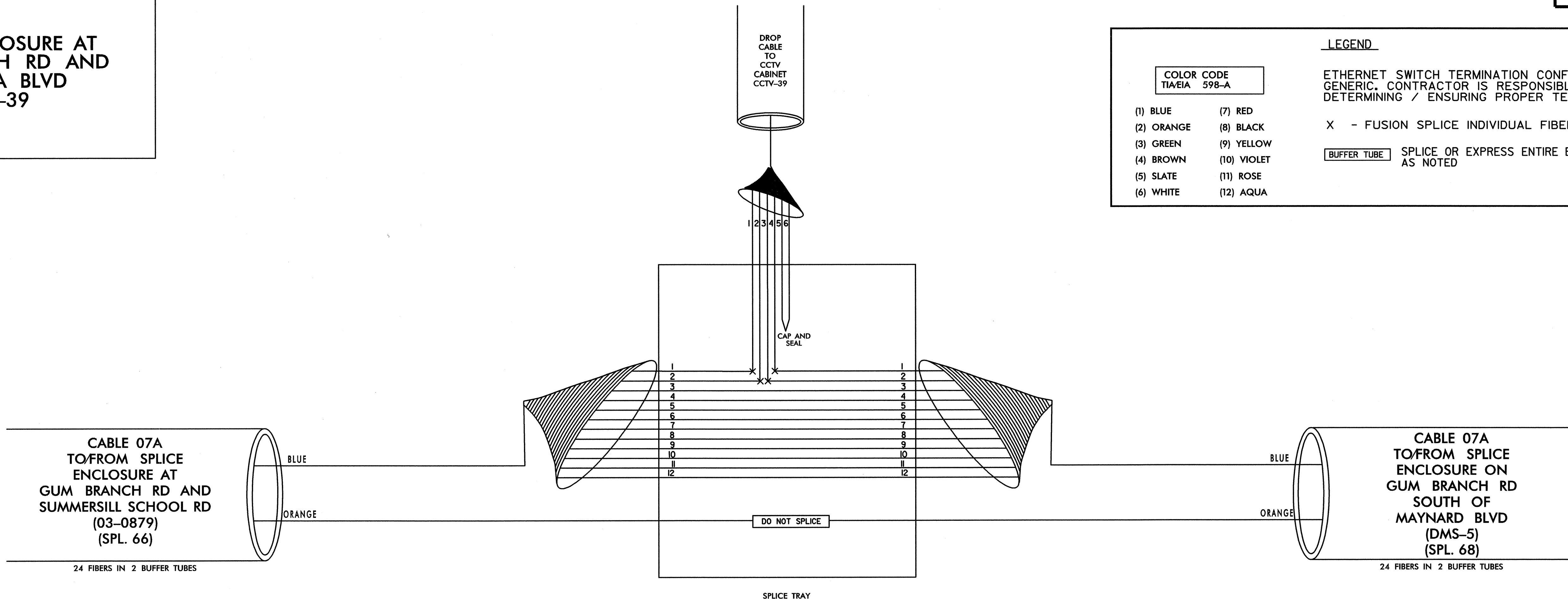
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>			
	GROUP 7 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY:		REVIEWED BY:
	SCALE 0 NONE	REVISIONS		INIT. DATE

SIGNATURE: *[Signature]* DATE: 7/20/2011

7/20/2011 \\SPLACING\jox-spl\_067.dgn

**SPLICE ENCLOSURE AT  
GUM BRANCH RD  
SOUTH OF  
MAYNARD BLVD  
DMS-5**

**LEGEND**

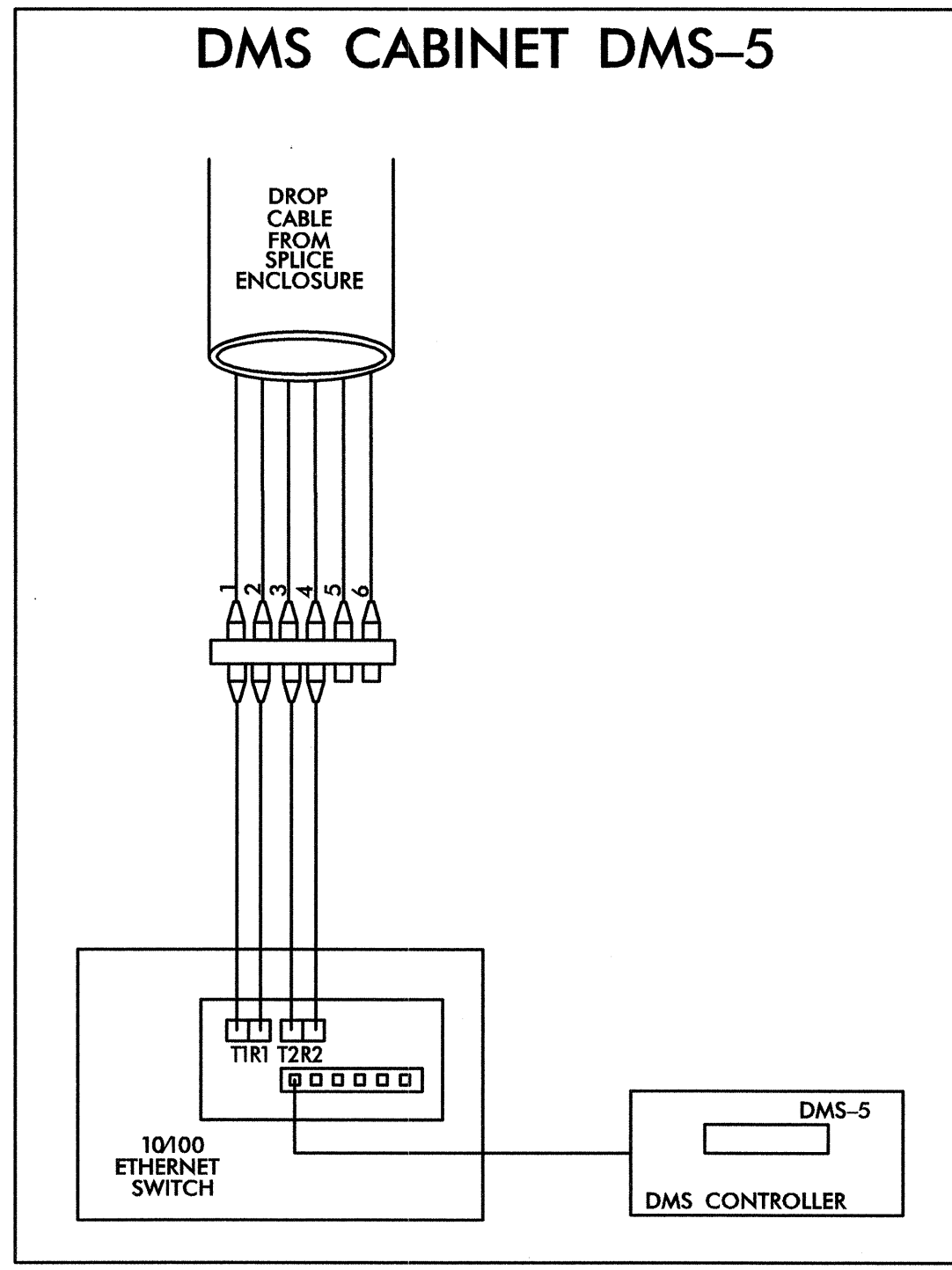
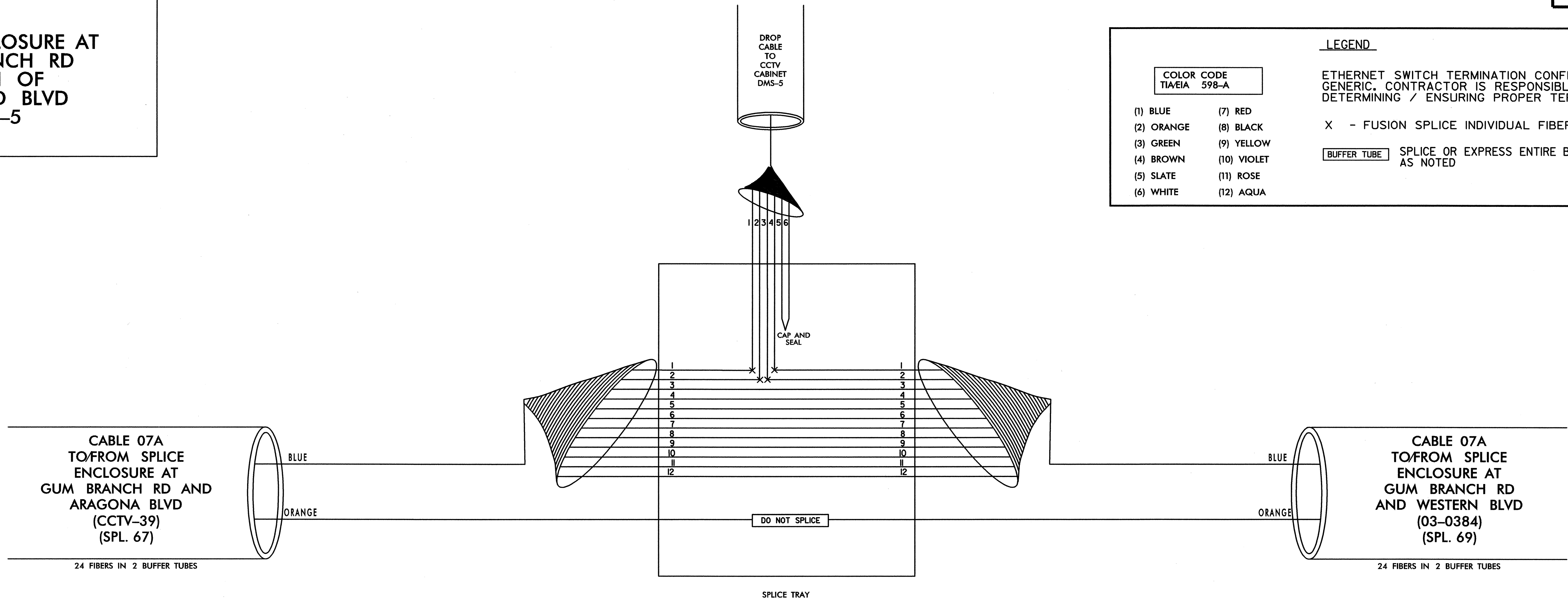
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**COLOR CODE TIA/EIA 598-A**

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



**TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.**

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 7	ONSLOW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	PREPARED BY:	REVIEWED BY:
SCALE: NONE	REVISIONS	INIT.	DATE
			7.20.2011



**SPLICE ENCLOSURE AT  
GUM BRANCH RD  
AND WESTERN BLVD  
03-0384  
CCTV-3**

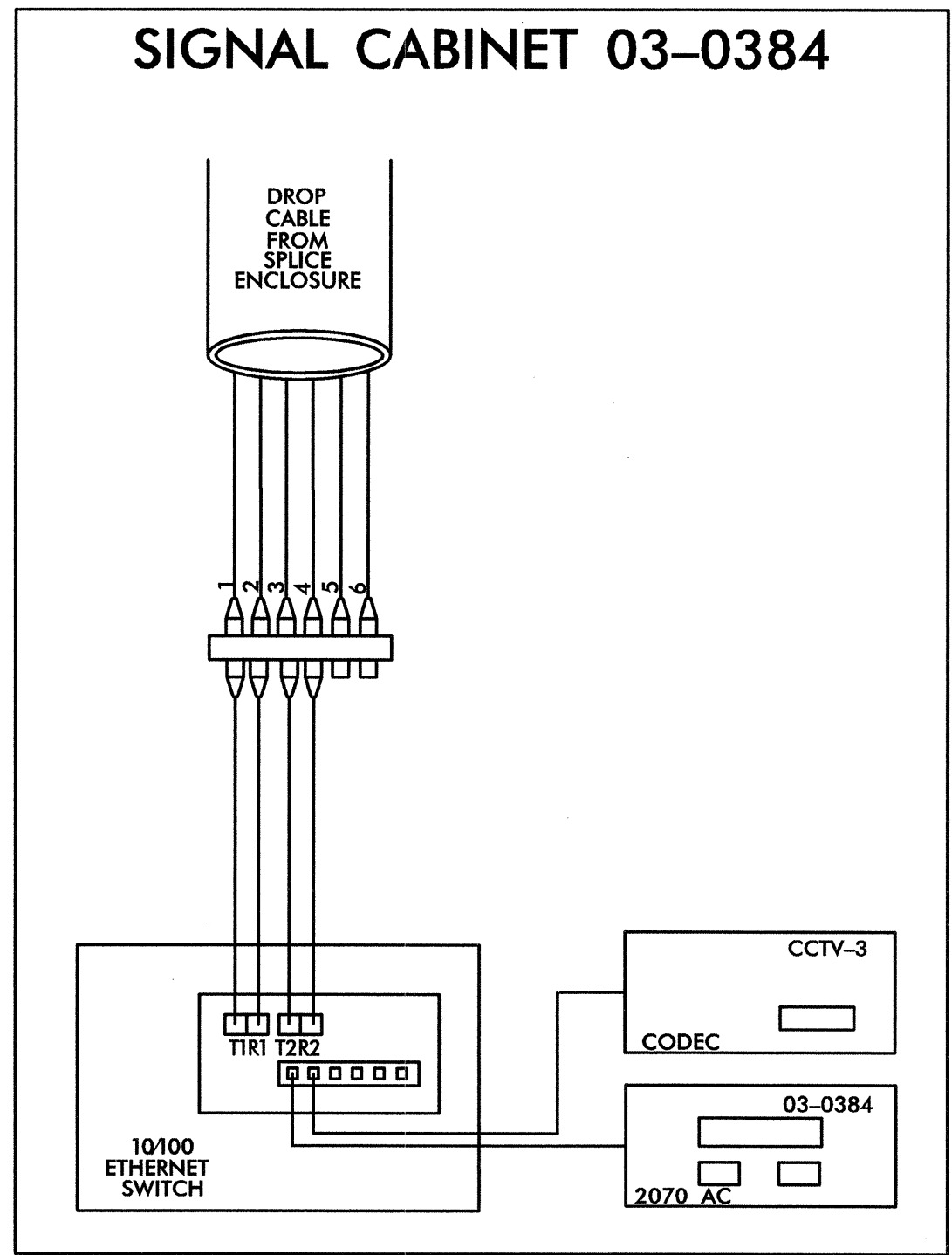
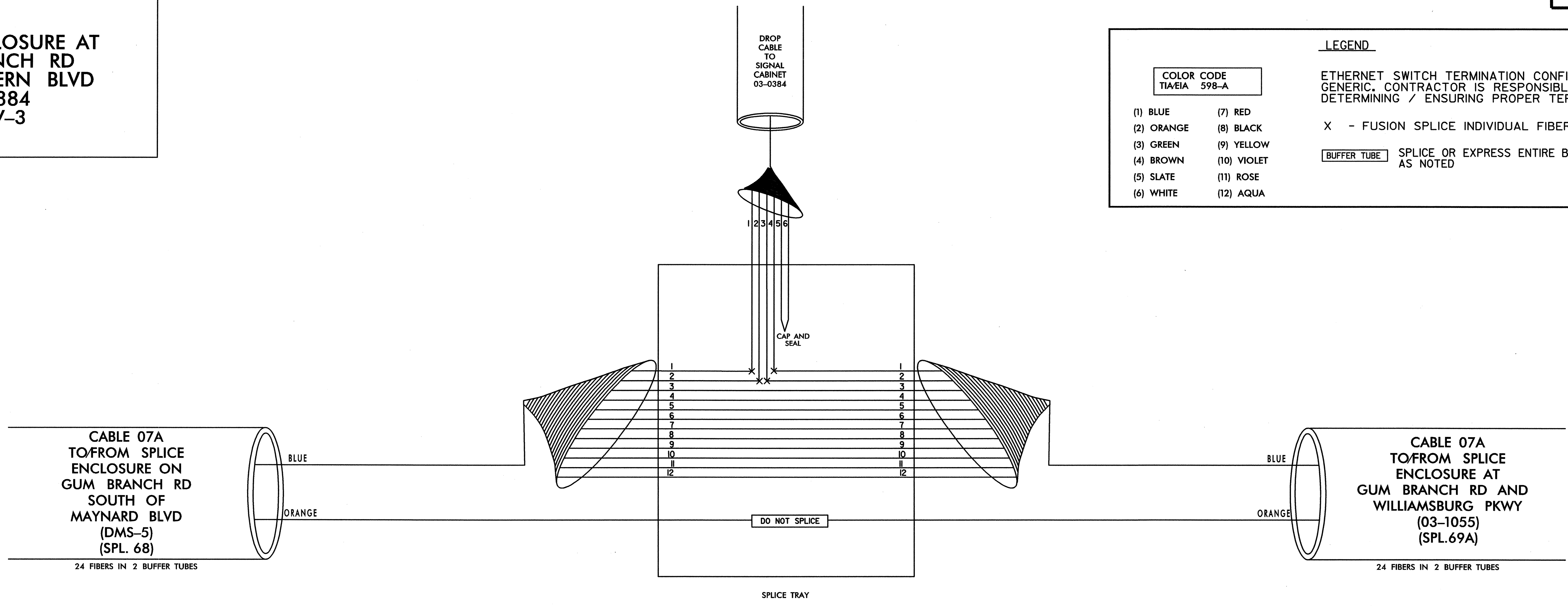
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 7	ONSLow COUNTY	
PLAN DATE:	JULY 2011	REVIEWED BY:	
PREPARED BY:		REVIEWED BY:	
SCALE	0	REVISIONS	
NONE		INIT.	DATE
			7.20.2011

7/20/2011 -SPLICING\jex\_spl\_069.dgn

**SPLICE ENCLOSURE AT  
GUM BRANCH RD AND  
WILLIAMSBURG PKWY  
03-1055**

**COLOR CODE**  
TIA/EIA 598-A

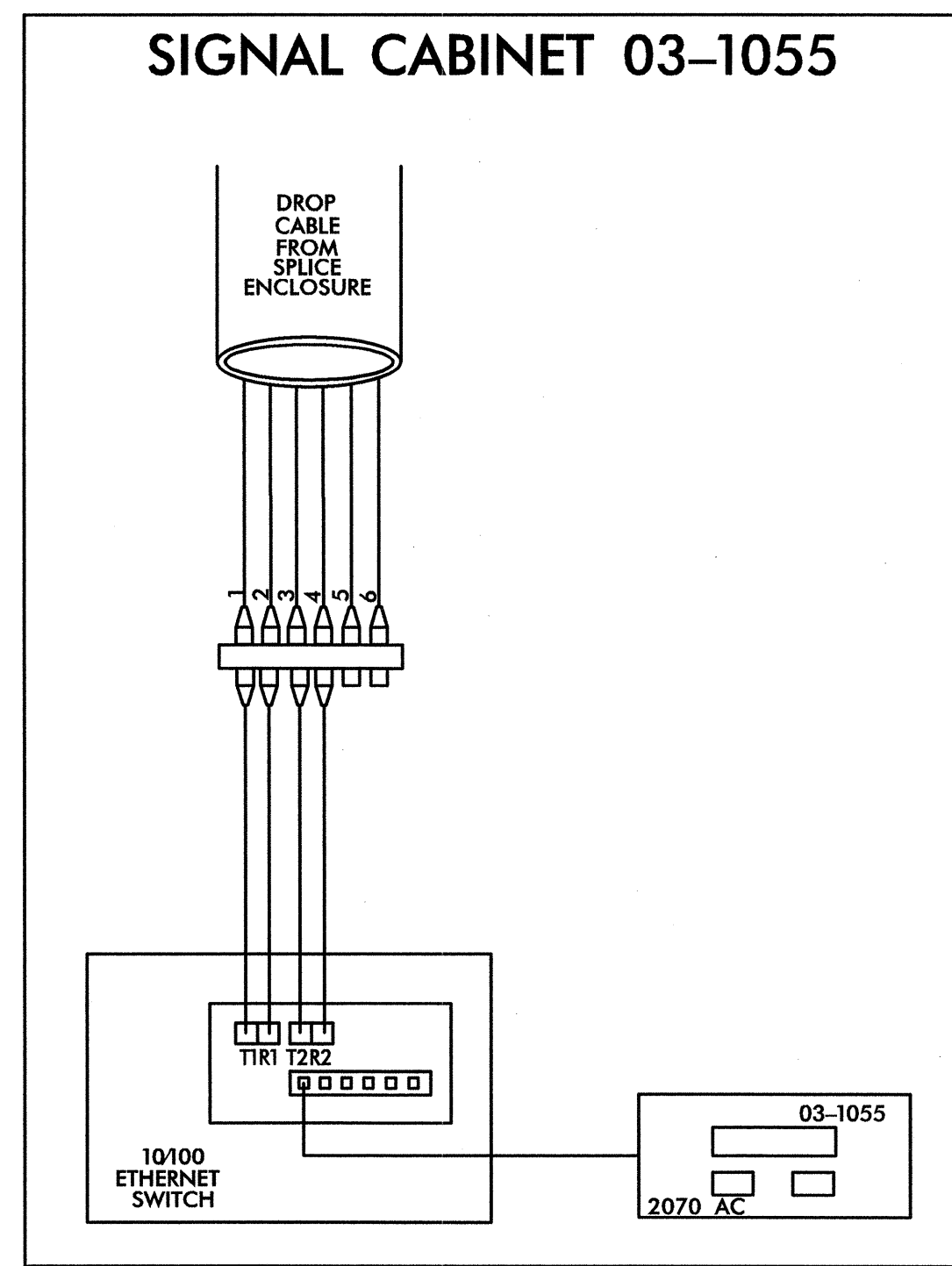
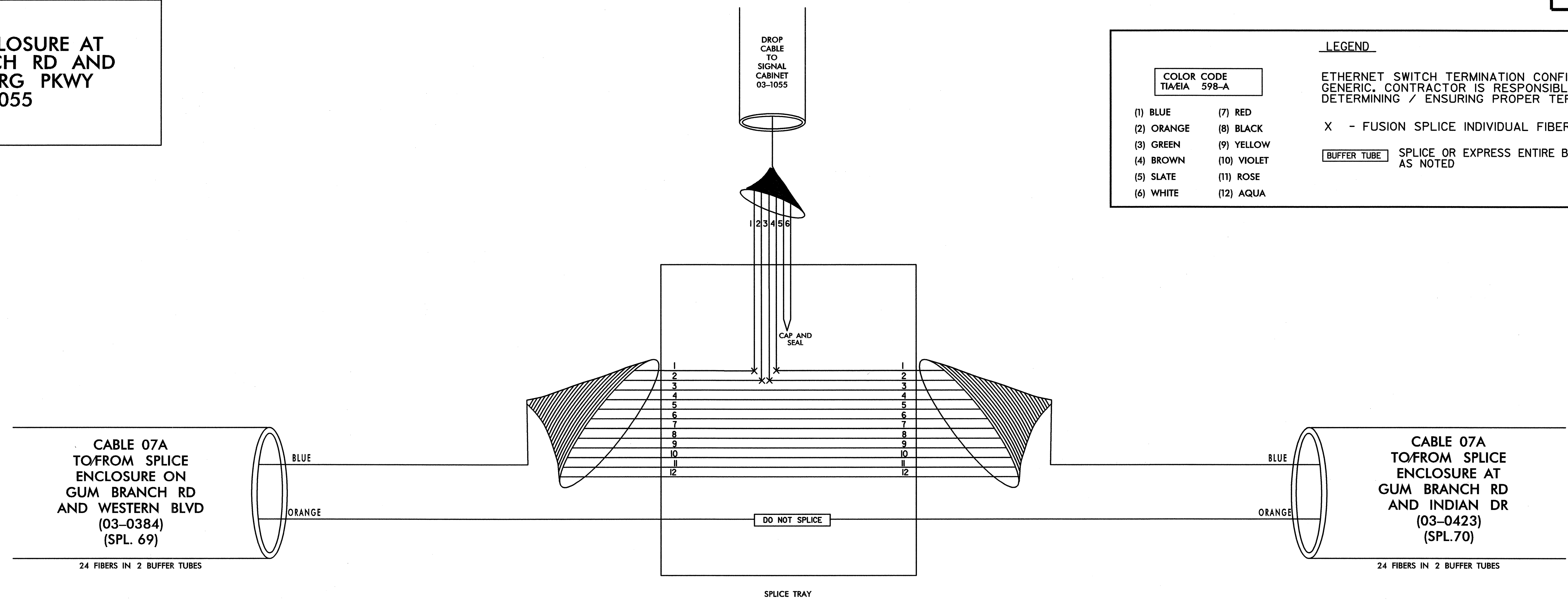
(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 7 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS	INIT.	DATE

SCALE: 0 NONE

**PROFESSIONAL SEAL**  
SEAL 031558  
ENGINEER  
M. SMUSZ WENDEL BOCH

SIGNATURE: *[Signature]* DATE: 7/20/2011

7/20/2011 -SPLACING\jox\_spl\_069Adgn

**SPLICE ENCLOSURE AT  
GUM BRANCH RD  
AND INDIAN DR  
03-0423**

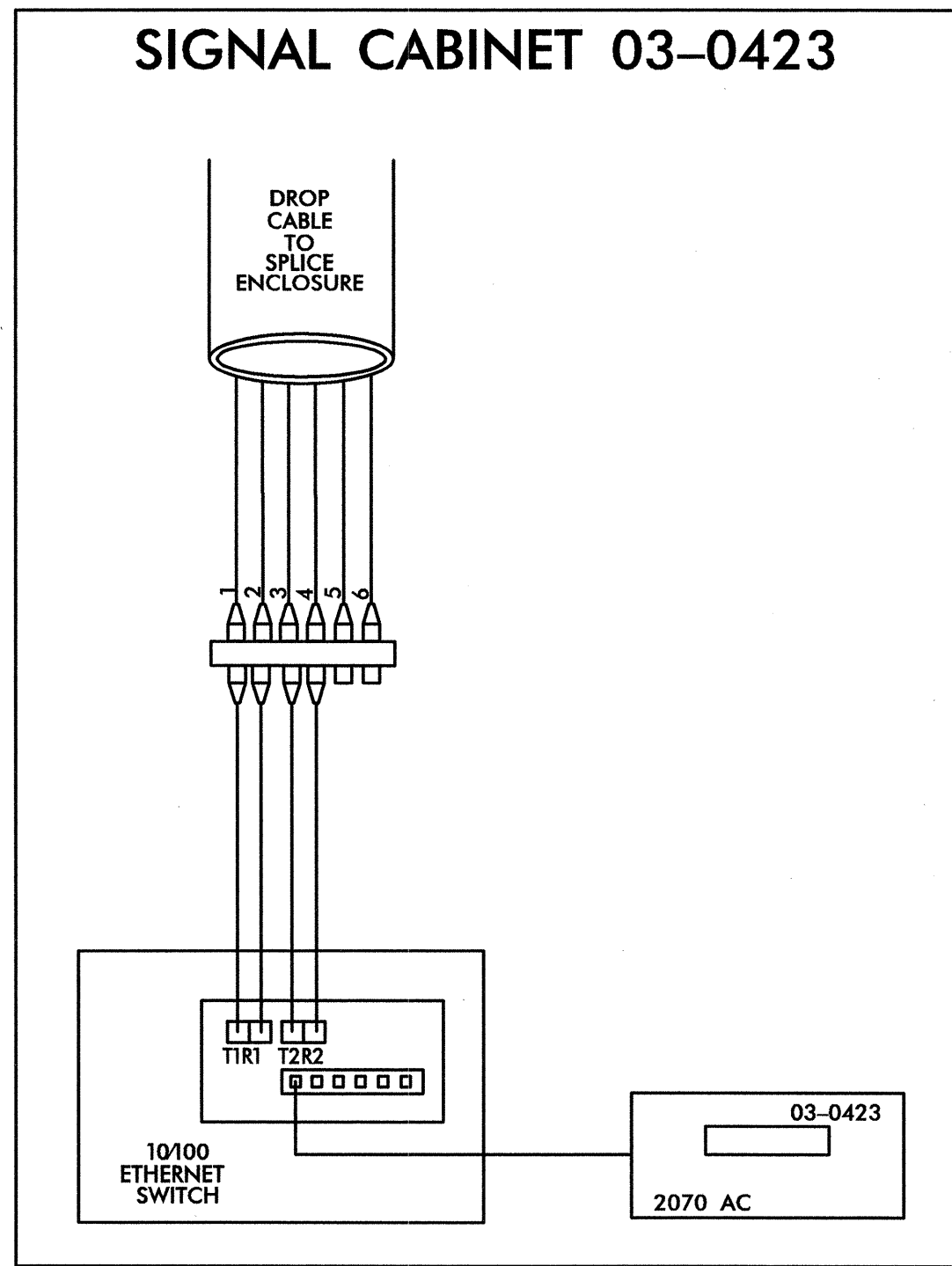
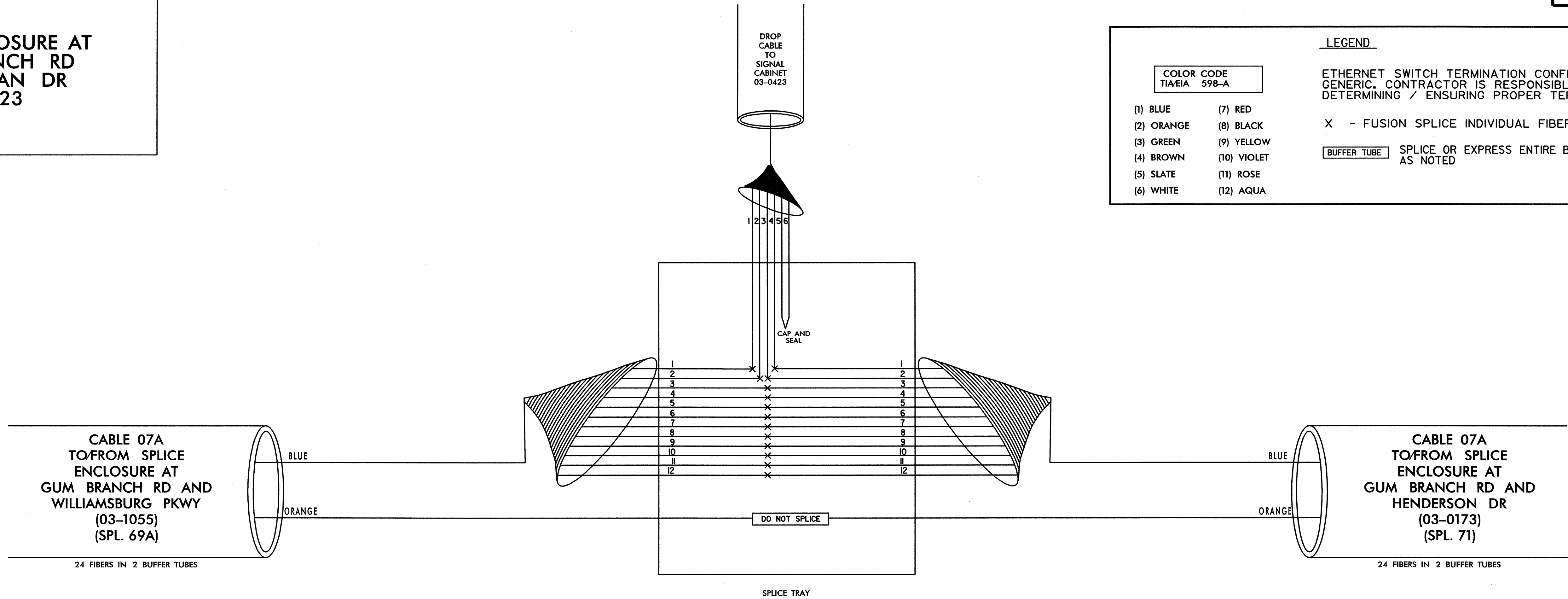
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, NC, 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 7	ONSLOW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	INIT.	DATE
PREPARED BY:	REVIEWED BY:	REVISIONS	DATE
SCALE: NONE		SIGNATURE: <i>[Signature]</i> DATE: 7/20/2011	

**SPLICE ENCLOSURE AT  
GUM BRANCH RD  
AND HENDERSON DR  
03-0173  
CCTV-8**

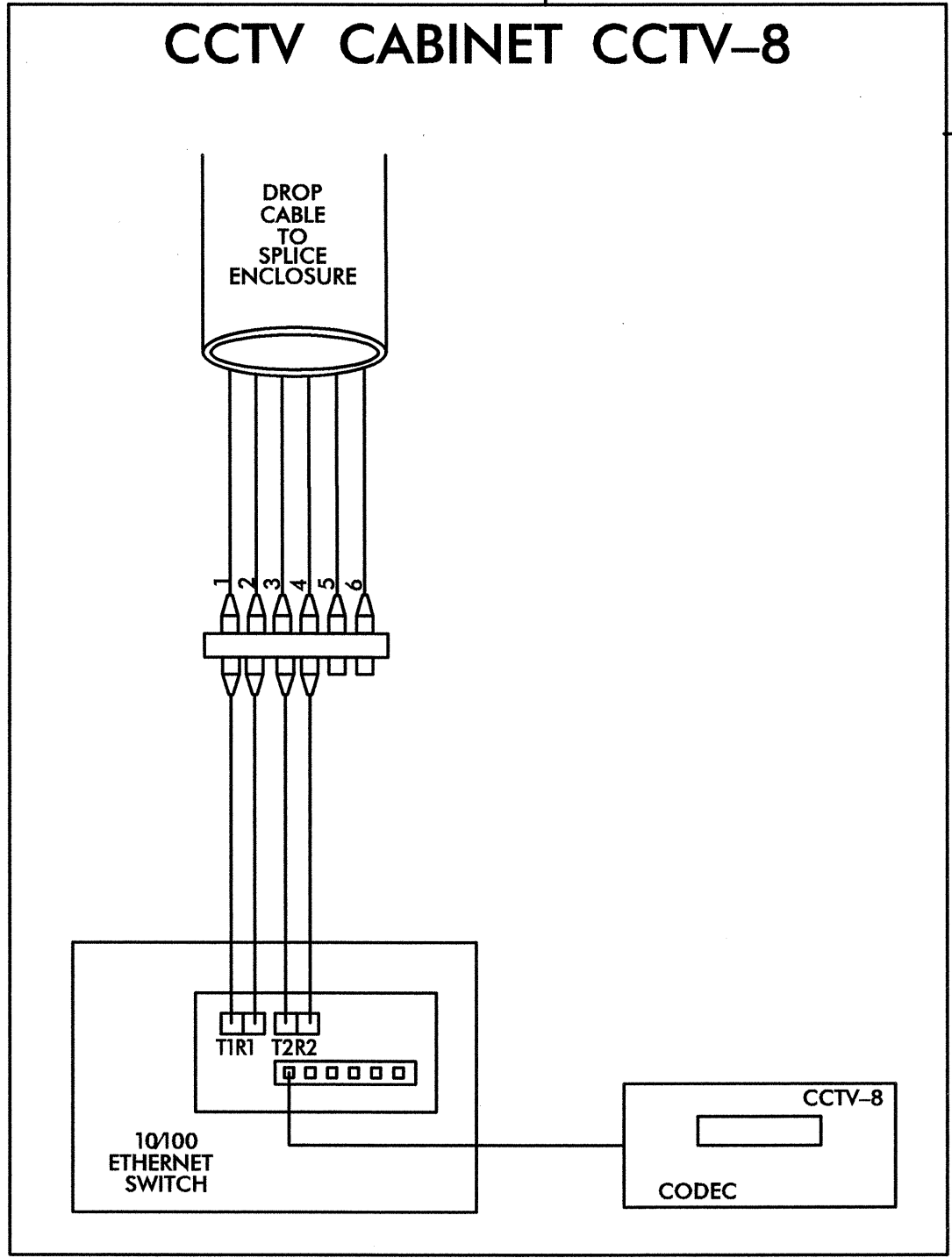
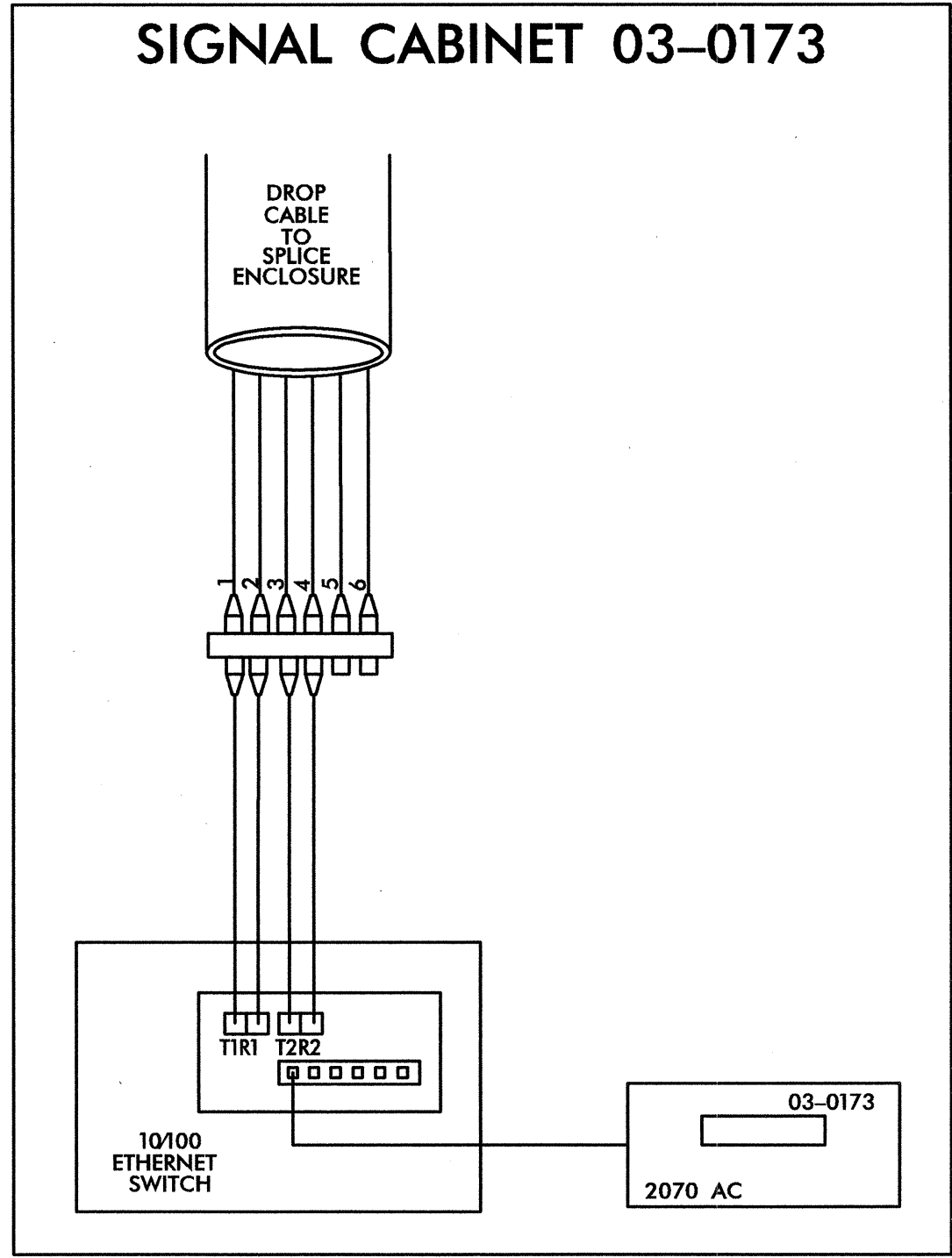
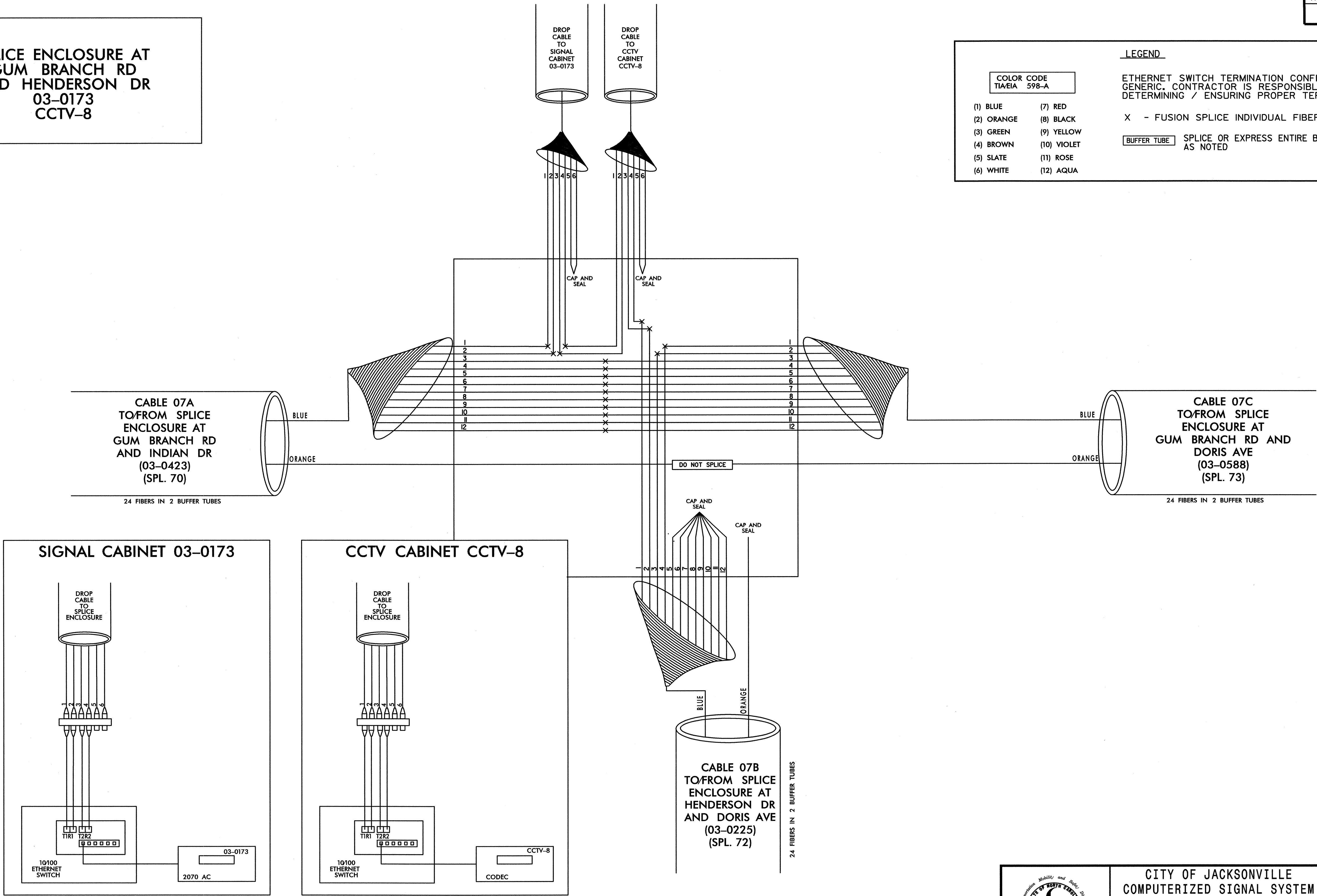
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:

Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 7 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS	INIT.	DATE

SCALE: NONE

7.20.2011

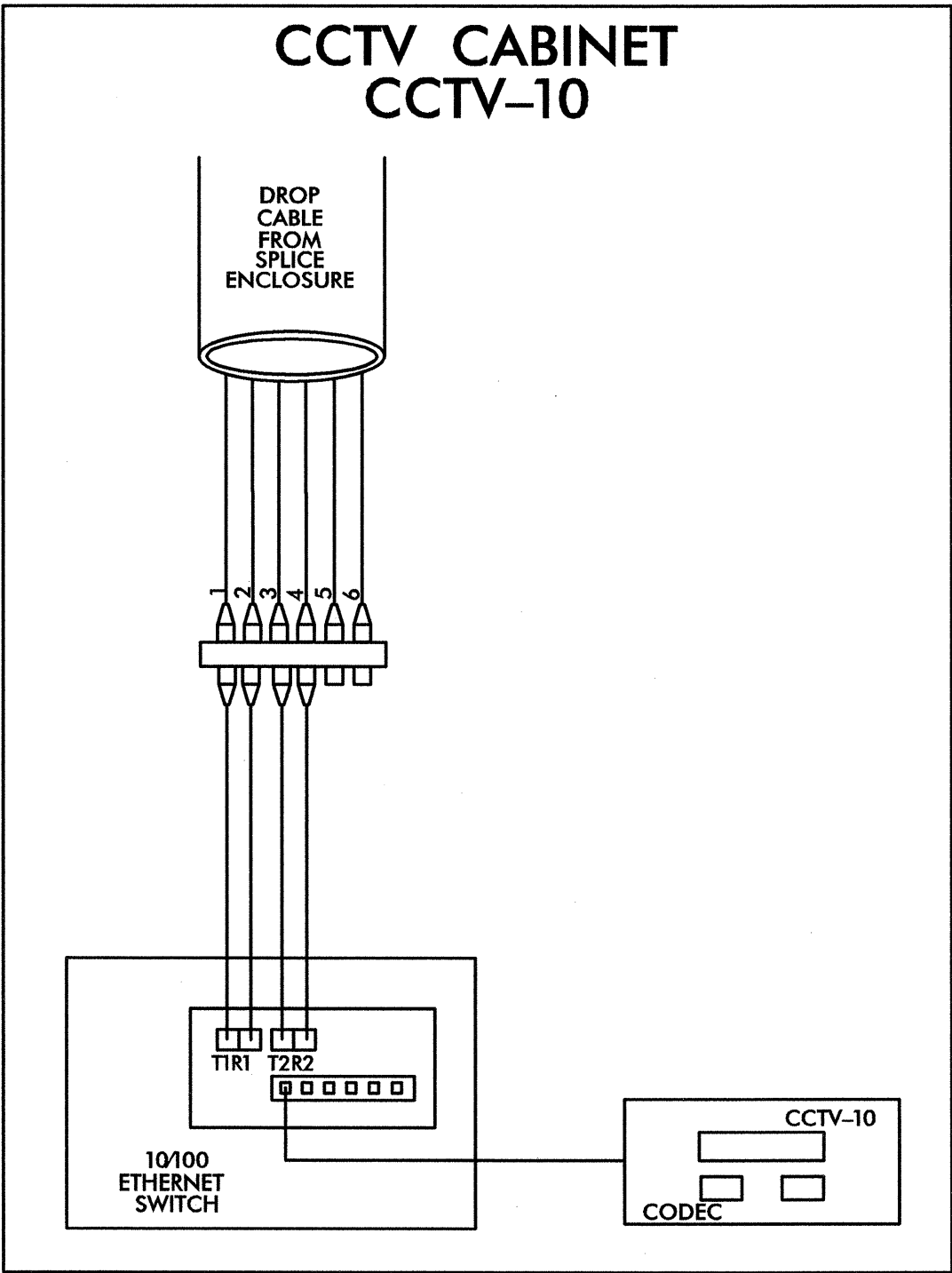
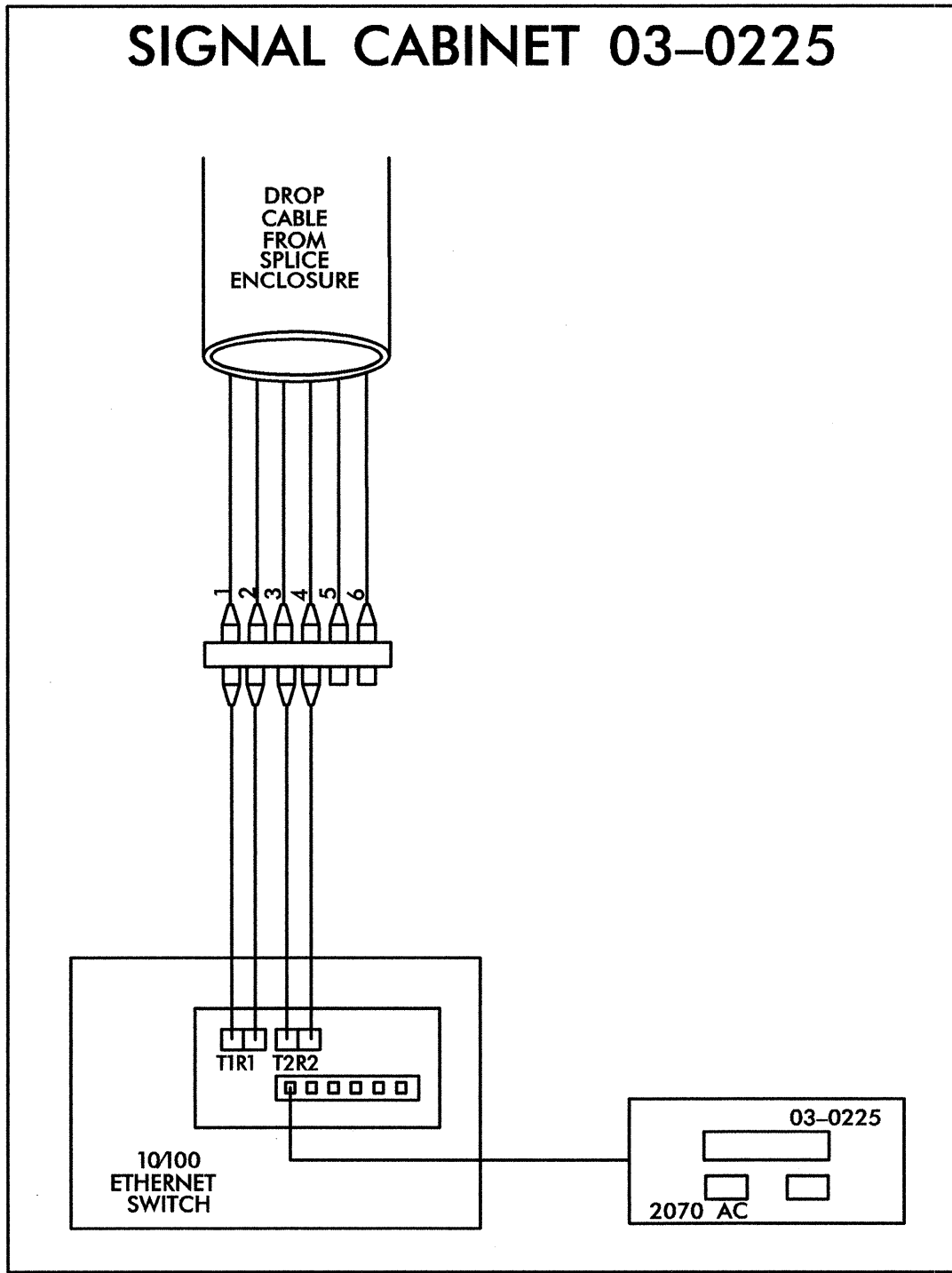
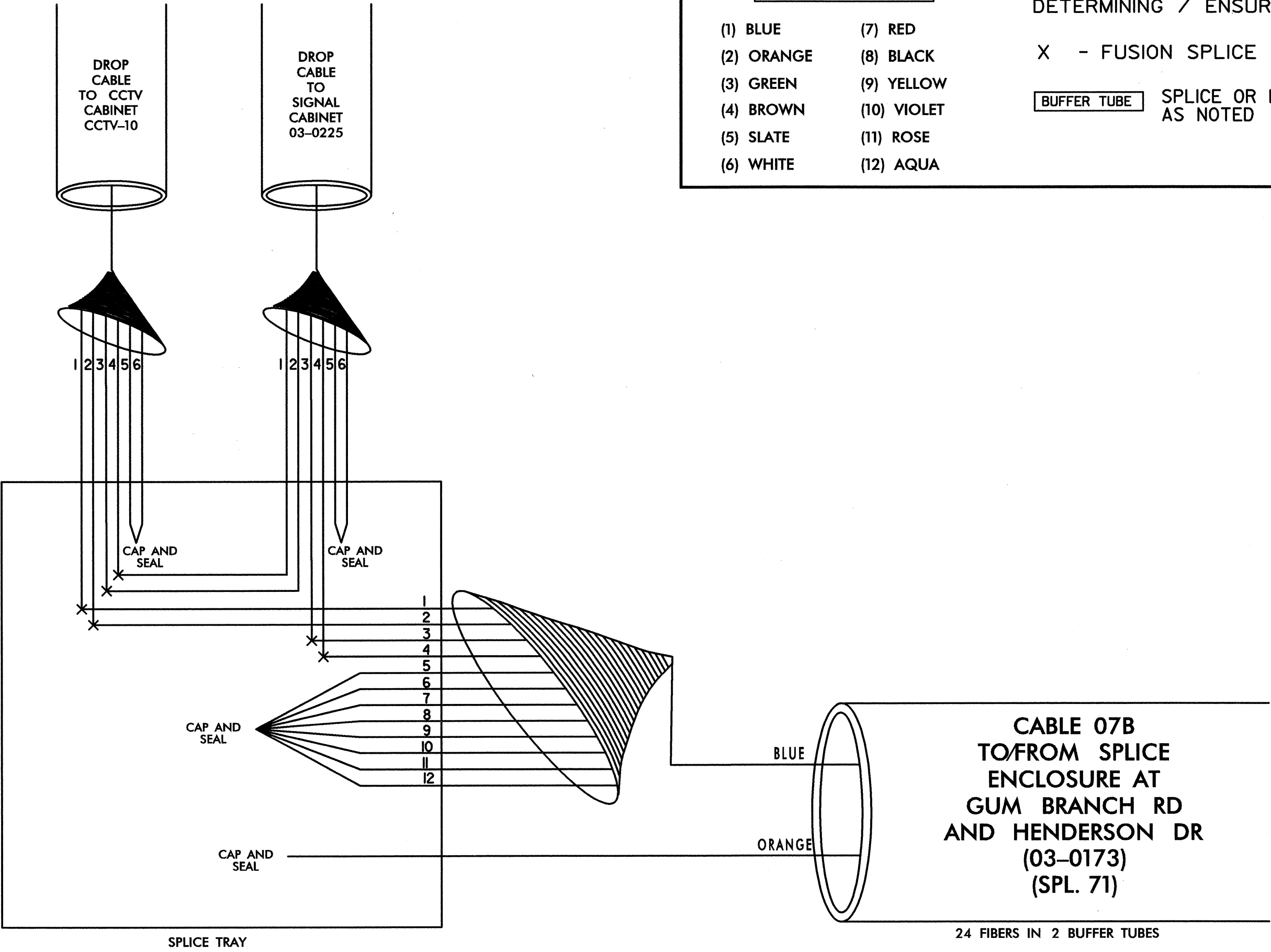
7/20/2011  
\\SPlicing\fax\_spl\_C01.dgn



**SPLICE ENCLOSURE  
AT HENDERSON DR  
AND DORIS AVE  
03-0225  
CCTV-10**

**LEGEND**

COLOR CODE TIA/EIA 598-A		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	X - FUSION SPLICE INDIVIDUAL FIBER
(3) GREEN	(9) YELLOW	<span style="border: 1px solid black; padding: 2px;">BUFFER TUBE</span> SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



TRANSCIEVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

7/20/2011 1:51 PM \SPlicing\ax\_spl\_072.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, NC 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE</b>		
	<b>COMPUTERIZED SIGNAL SYSTEM</b>		
<b>SPLICE DIAGRAM</b>		GROUP 7	ONSLOW COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:	PREPARED BY:	REVIEWED BY:
SCALE: NONE	REVISIONS:	INIT.	DATE
		<i>[Signature]</i>	7.20.2011

**SPLICE ENCLOSURE AT  
GUM BRANCH RD  
AND DORIS AVE  
03-0588  
CCTV-9**

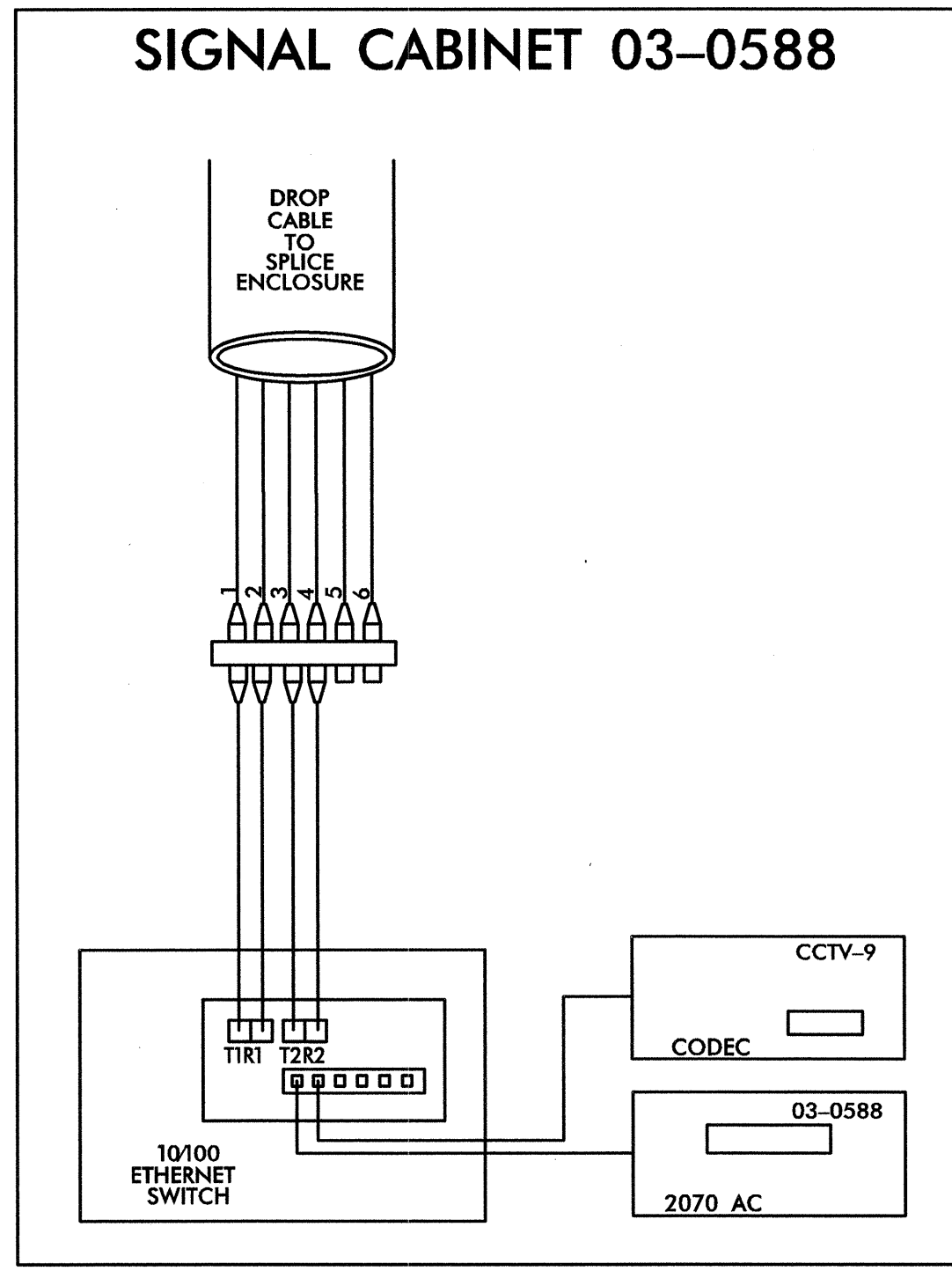
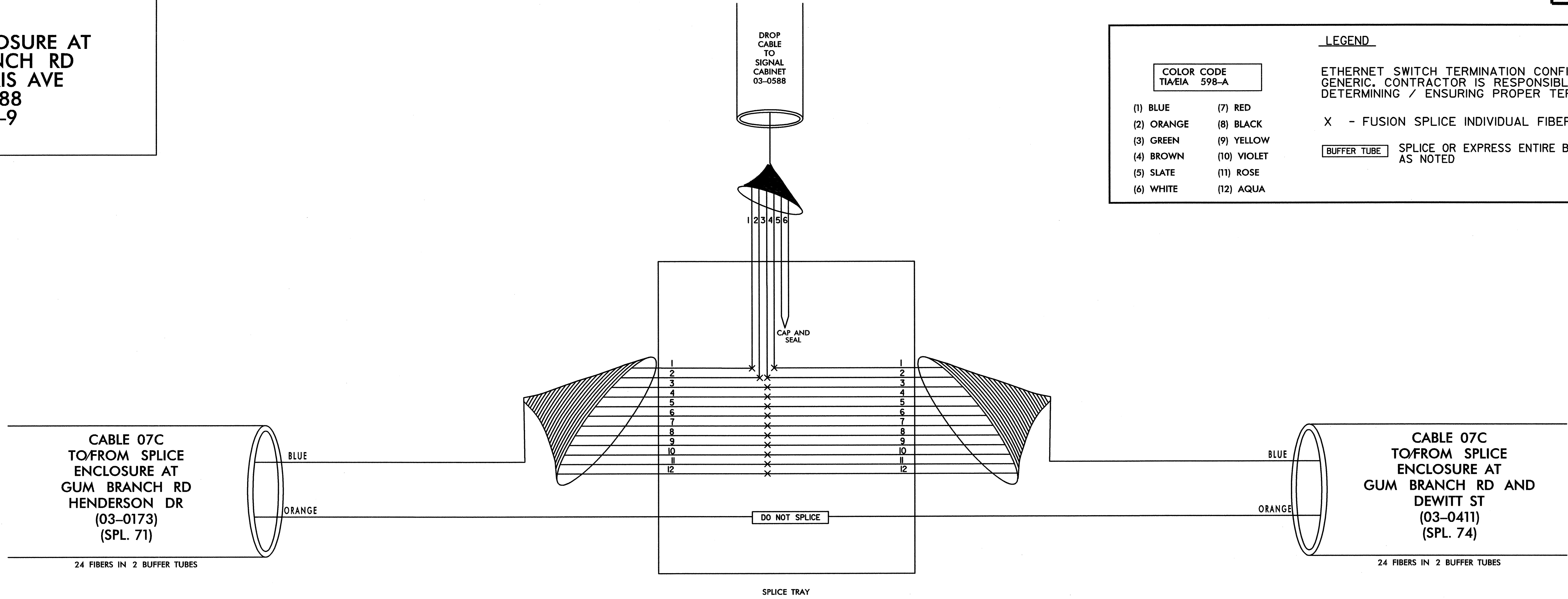
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:

Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 7	ONSLOW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	PREPARED BY:	REVIEWED BY:
SCALE	REVISIONS	INIT.	DATE
0			
NONE			
		<i>[Signature]</i>	7/20/2011
		SIGNATURE	DATE

**SPLICE ENCLOSURE AT  
GUM BRANCH RD  
AND DEWITT ST  
03-0411**

**LEGEND**

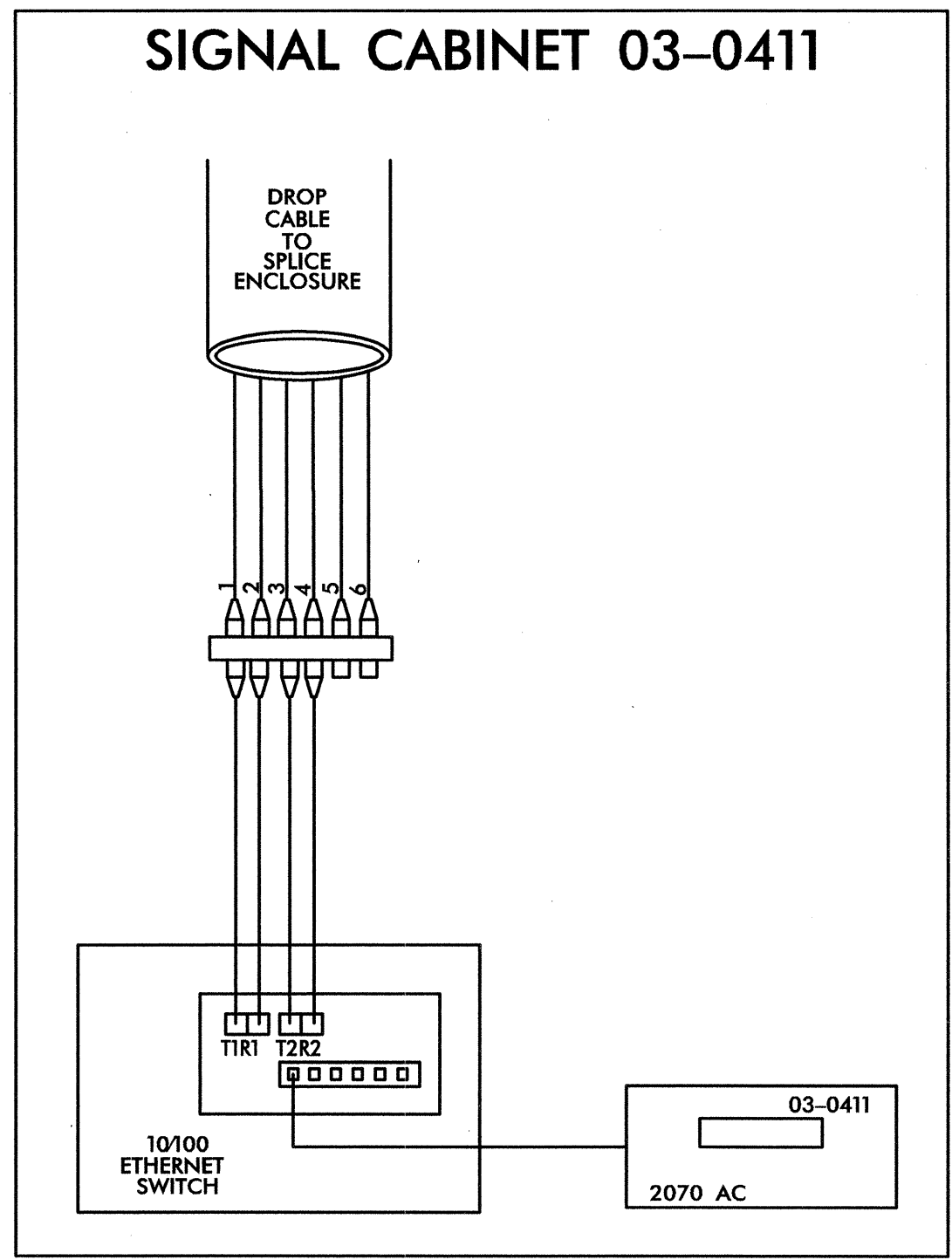
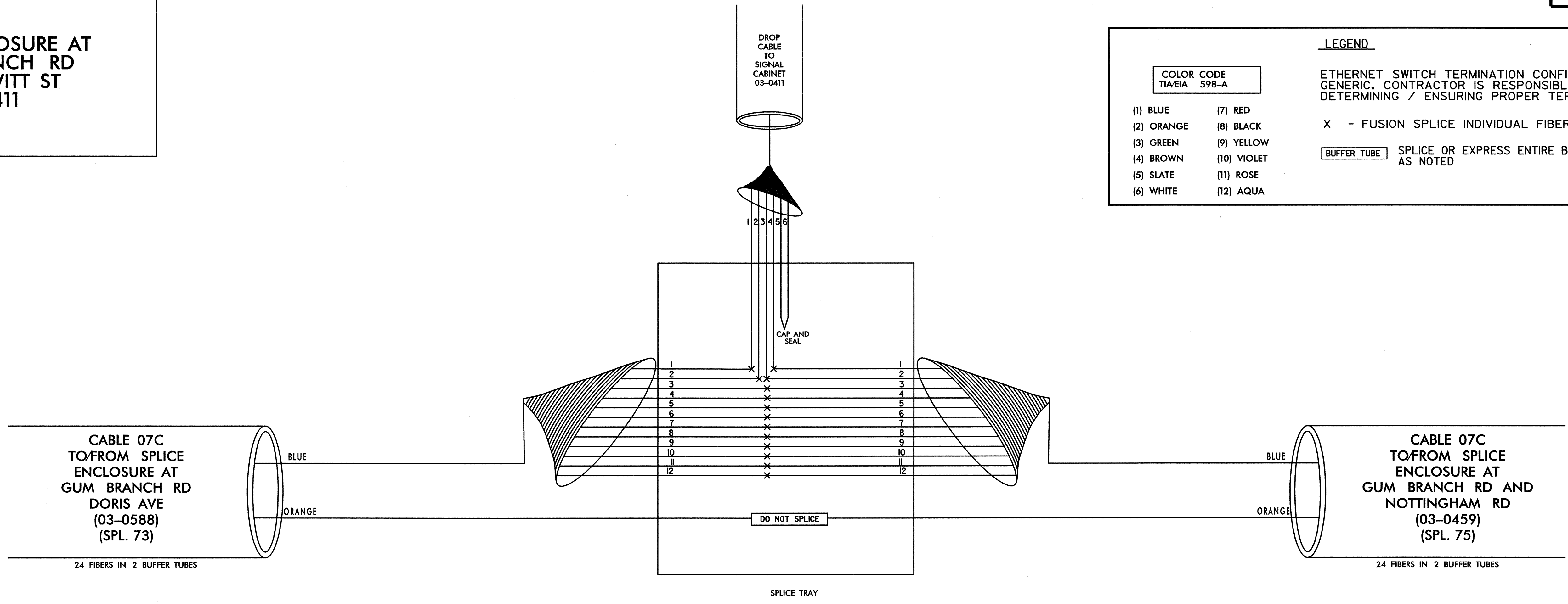
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**COLOR CODE TIA/EIA 598-A**

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 7	ONSLOW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	PREPARED BY:	REVIEWED BY:
SCALE: 0 NONE	REVISIONS:	INIT.	DATE
		7/20/2011 SIGNATURE DATE	

7/20/2011 \\splicing\jox\_spl\_074.dgn

**SPLICE ENCLOSURE AT  
GUM BRANCH RD  
AND NOTTINGHAM RD  
03-0459**

**LEGEND**

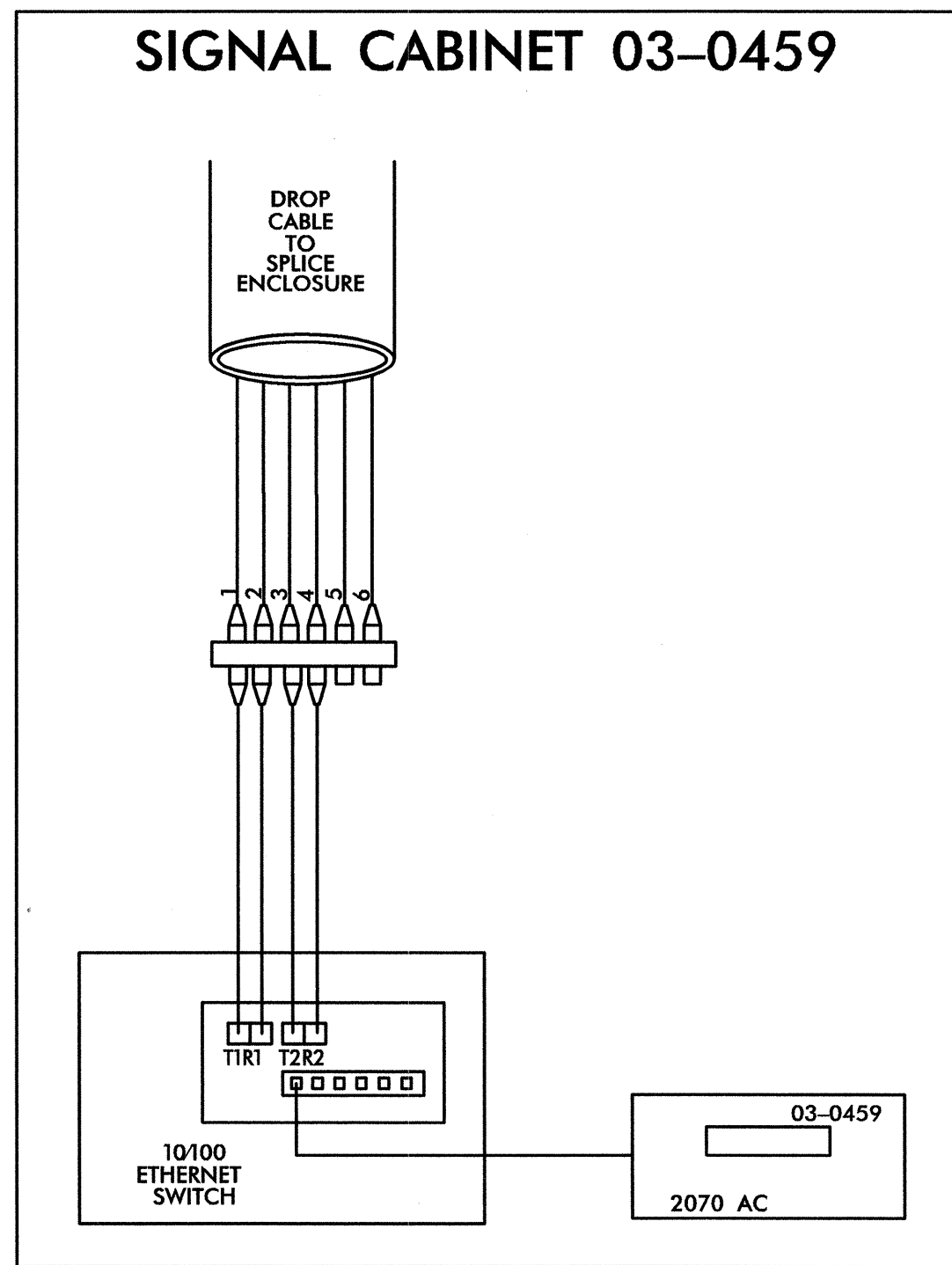
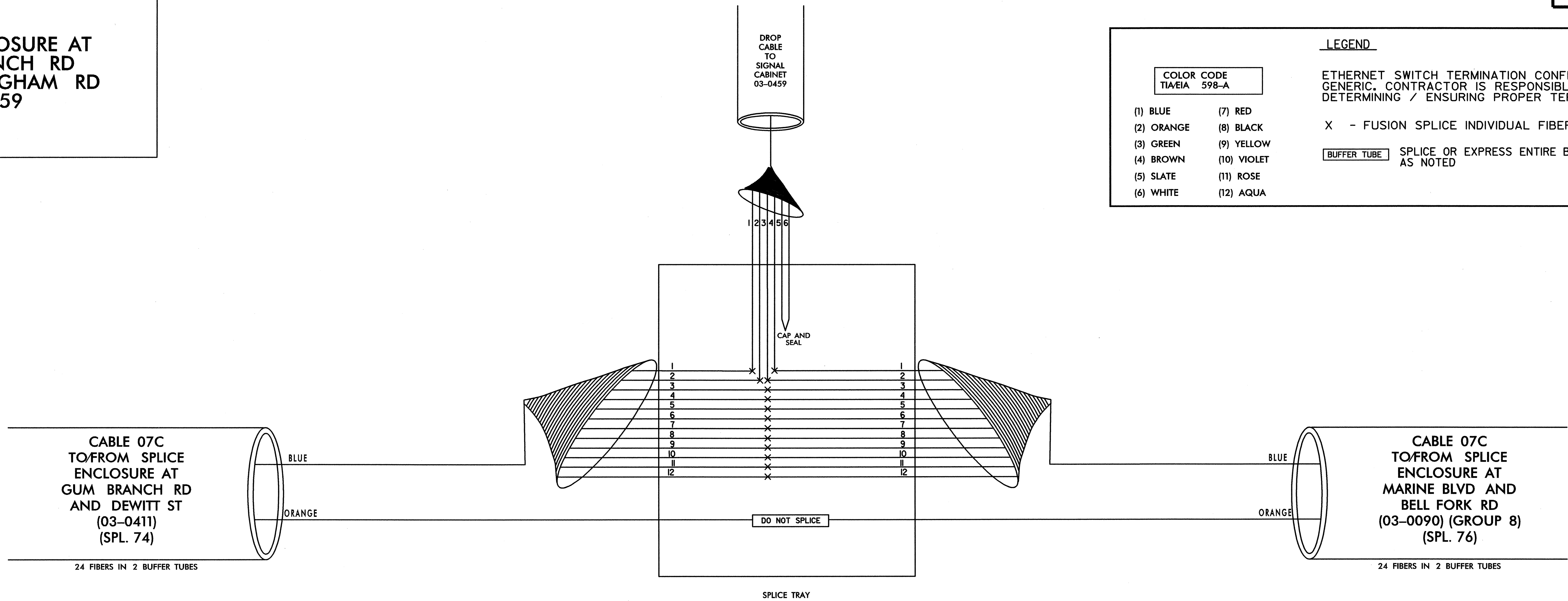
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**COLOR CODE**  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE</b>	
	<b>COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
GROUP 7	ONSLOW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	
PREPARED BY:	REVIEWED BY:	
SCALE	REVISIONS	INIT. DATE
0 NONE		
		SIGNATURE: <i>[Signature]</i> DATE: 7.20.2011



**SPLICE ENCLOSURE AT MARINE BLVD AND BELL FORK RD  
03-0090  
CCTV-14**

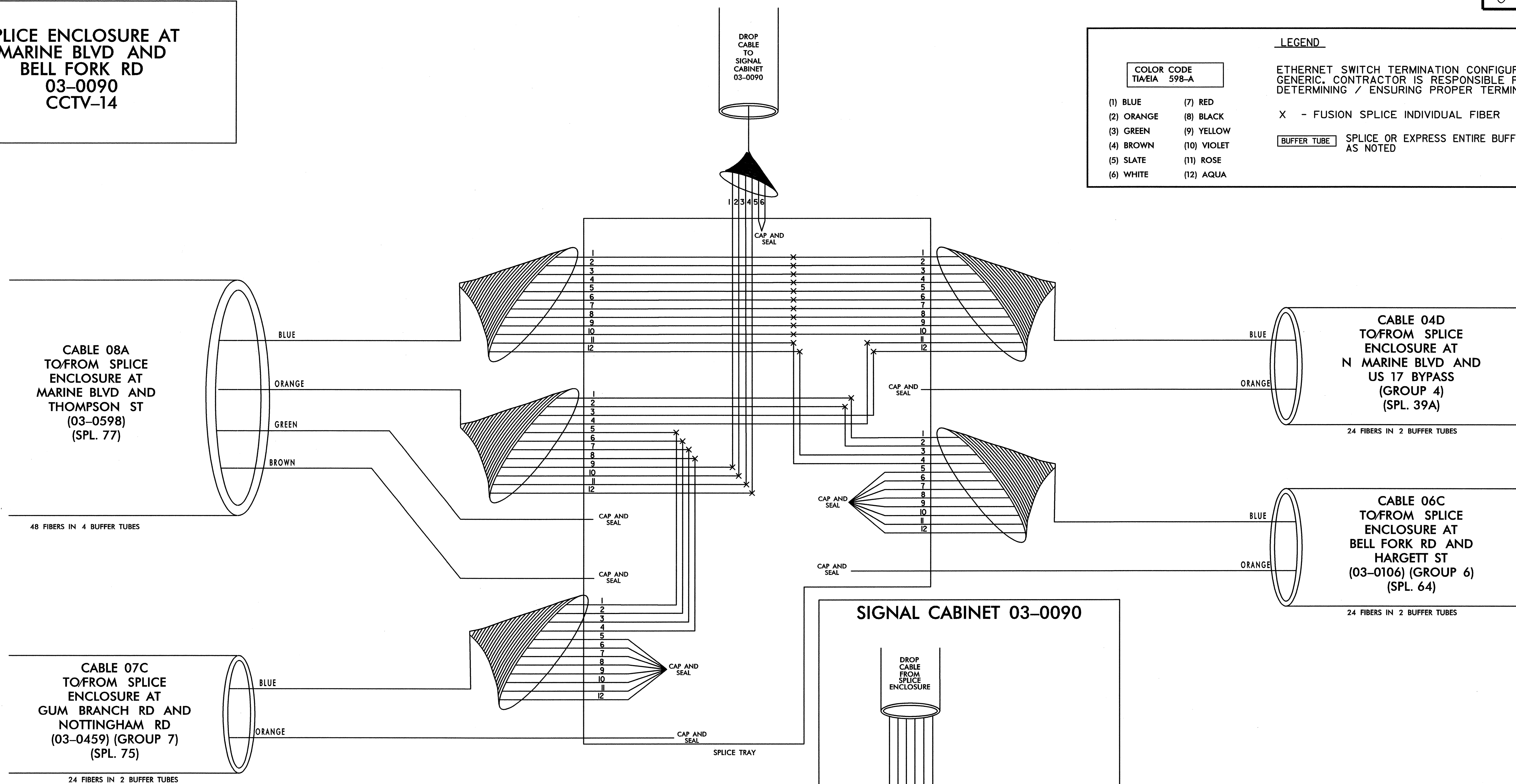
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

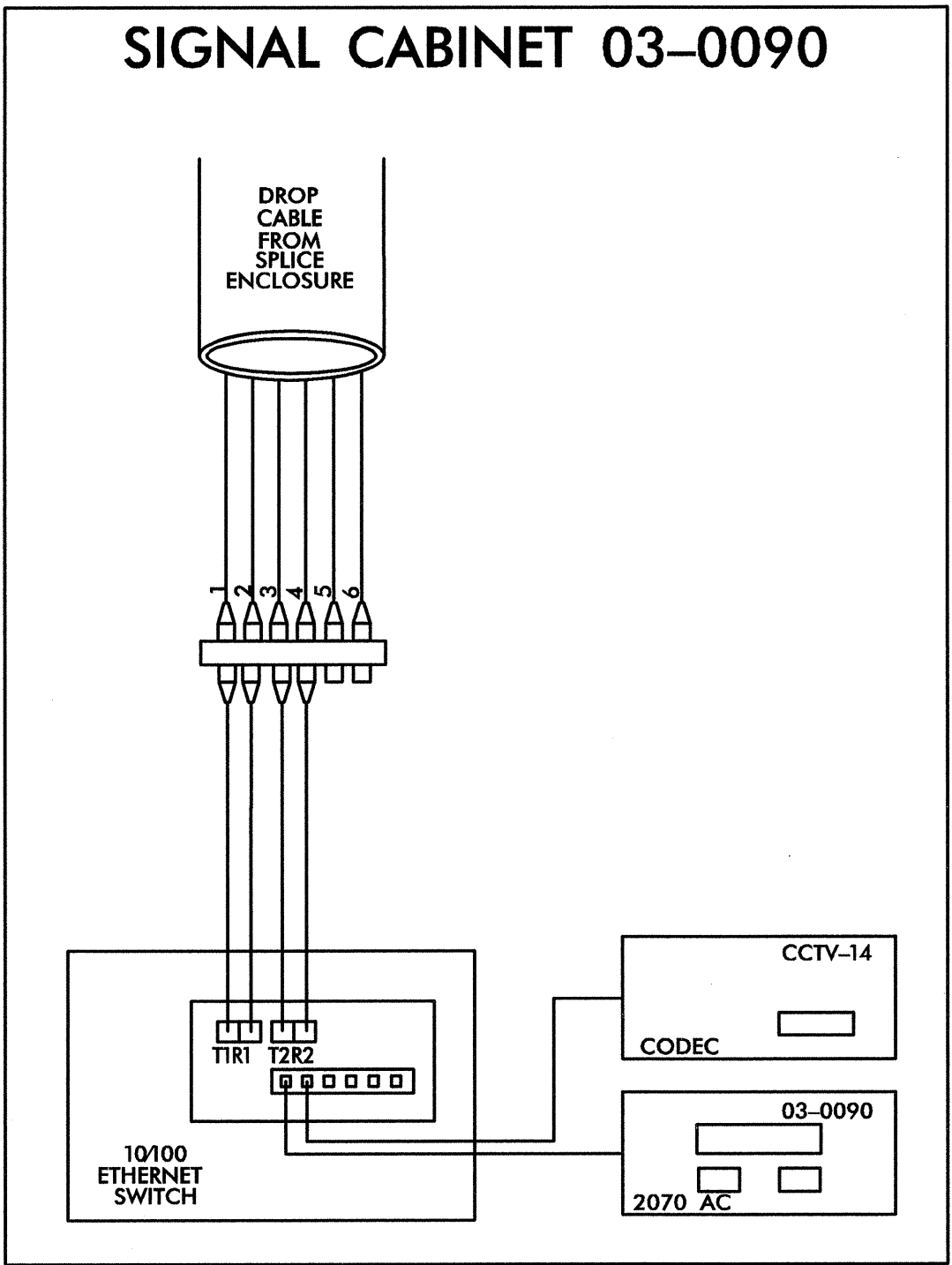
X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.



PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE</b>		
	<b>COMPUTERIZED SIGNAL SYSTEM</b>		
	<b>SPLICE DIAGRAM</b>		
	GROUP 8	ONSLOW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:		
PREPARED BY:	REVIEWED BY:		
REVISIONS	INIT.	DATE	

SCALE: NONE

SIGNATURE: *[Signature]* DATE: 7.20.2011

7/20/2011 \\SPlicing\jax\_spl\_076.dgn

**SPLICE ENCLOSURE AT  
MARINE BLVD AND  
THOMPSON ST  
03-0598**

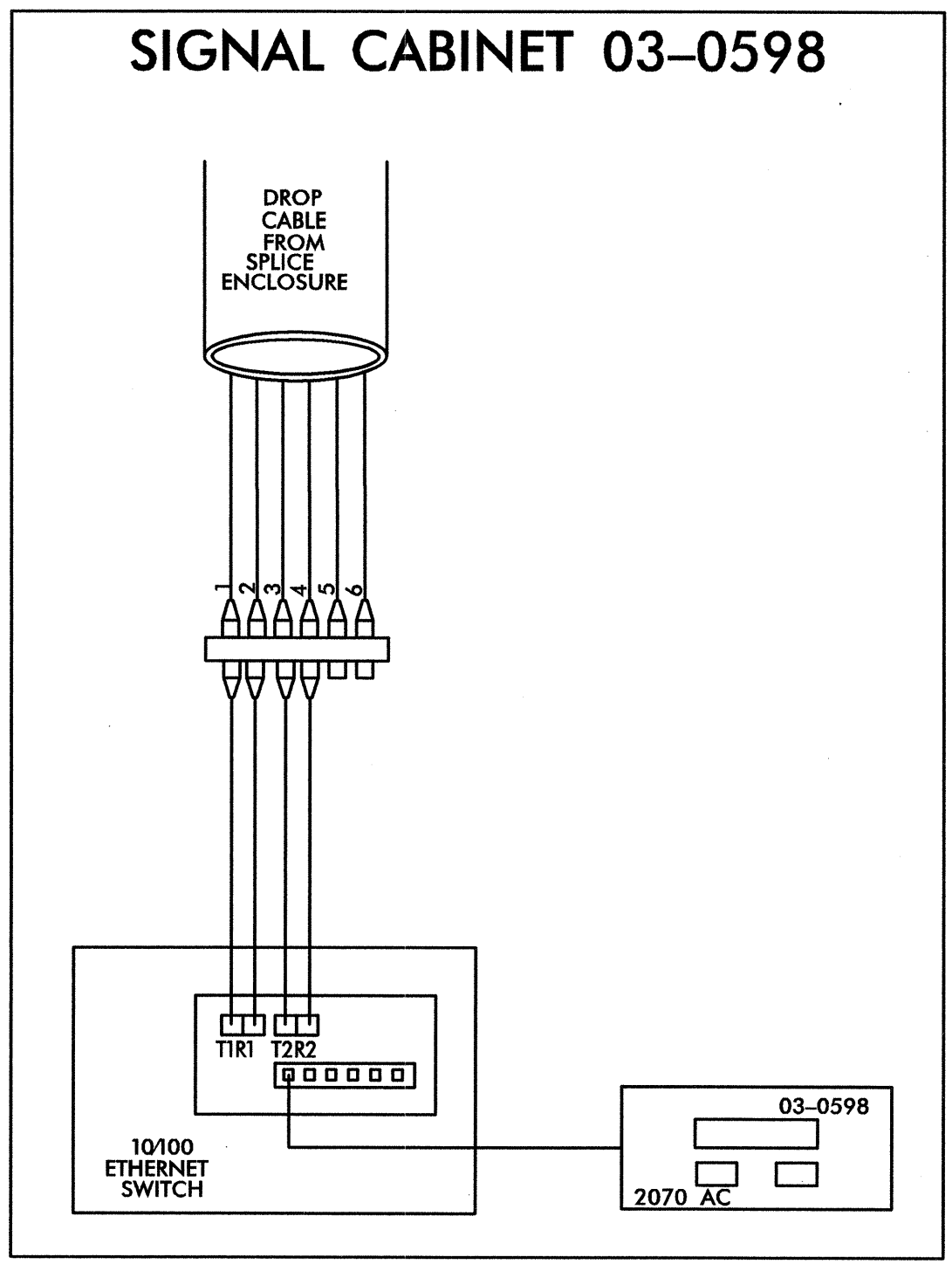
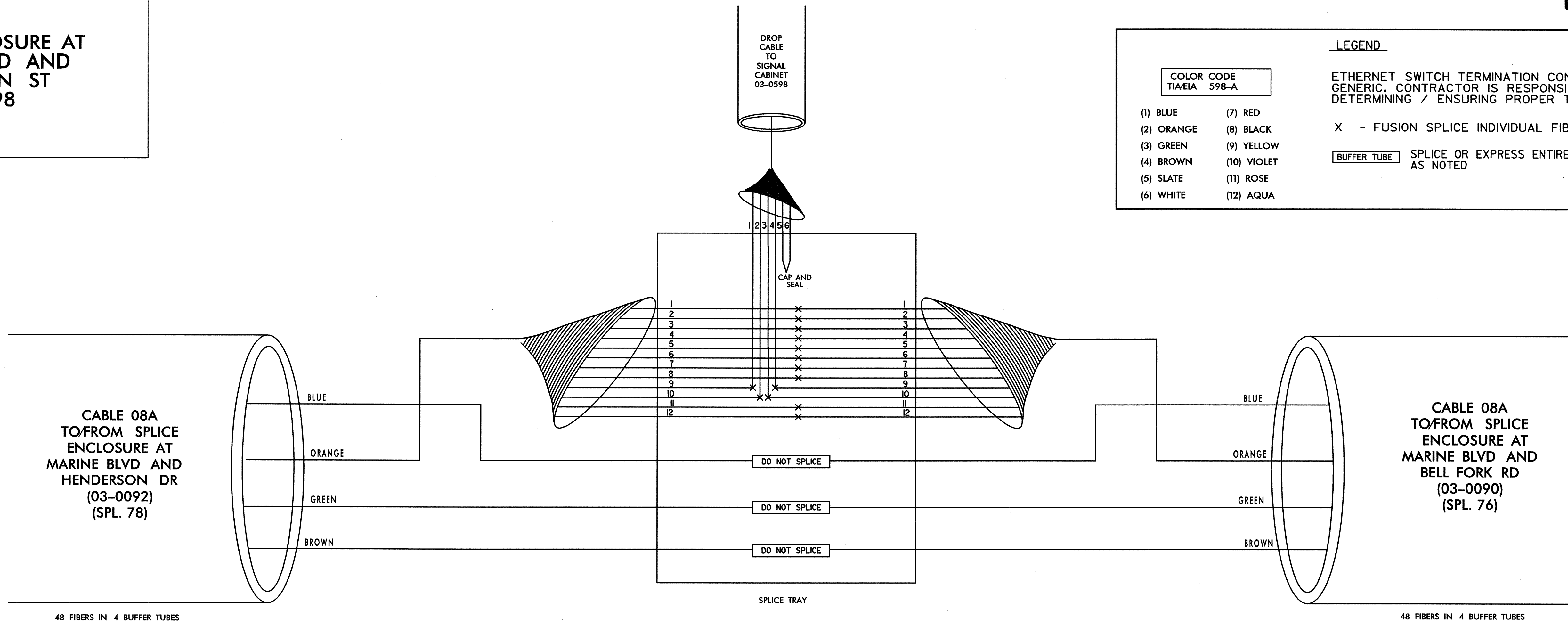
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 8 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS INIT. DATE

SCALE: 0 NONE

250 N. Greenfield Pkwy., Garner, NC 27529

PROFESSIONAL SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER, M. SMUSZ, 031558

SIGNATURE: [Signature] DATE: 7.20.2011

7/20/2011  
-SPLICING\jox\_spl\_077.dgn

**SPLICE ENCLOSURE AT MARINE BLVD AND HENDERSON DR**  
 03-0092  
 03-0091  
 CCTV-15

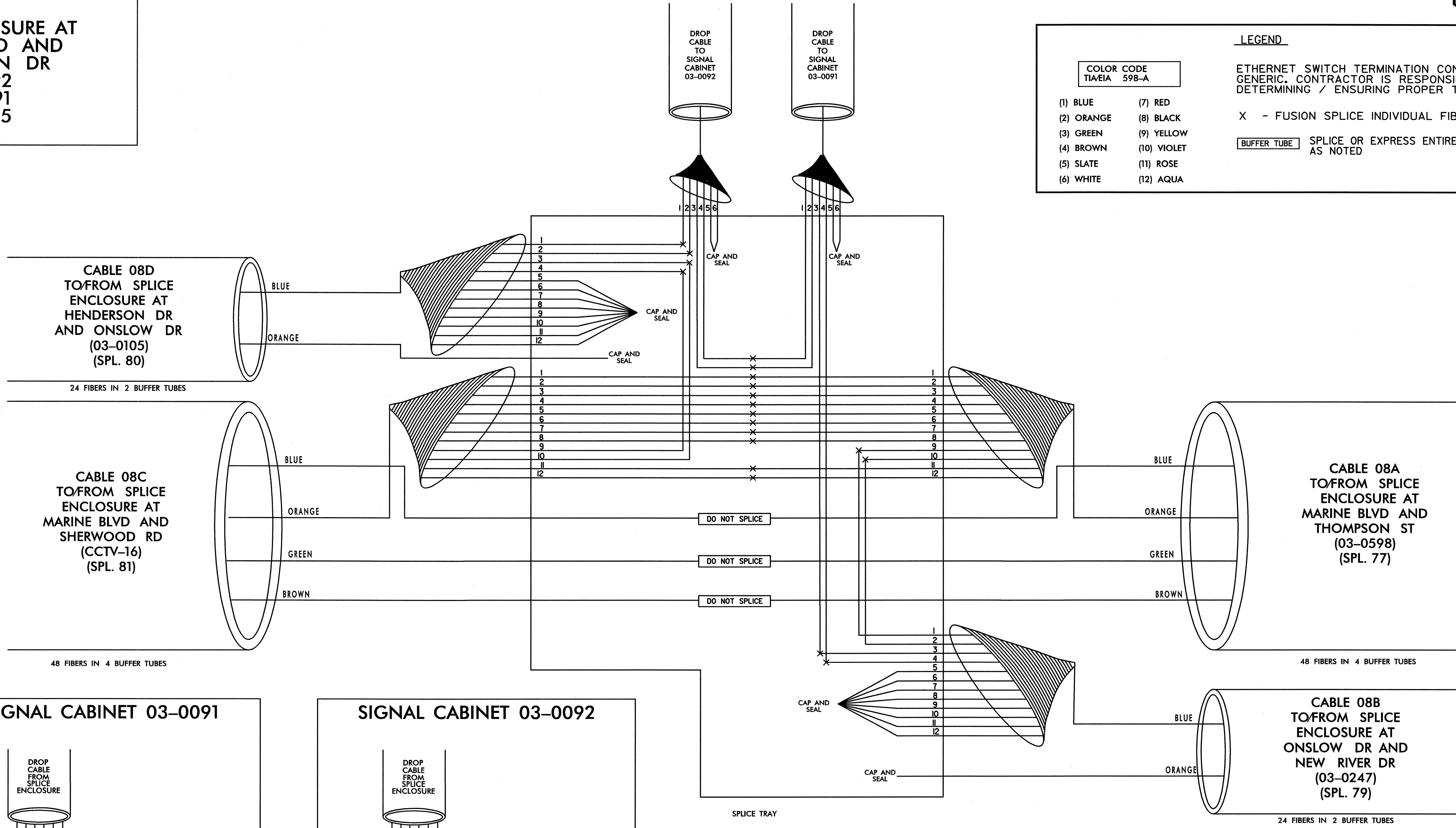
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

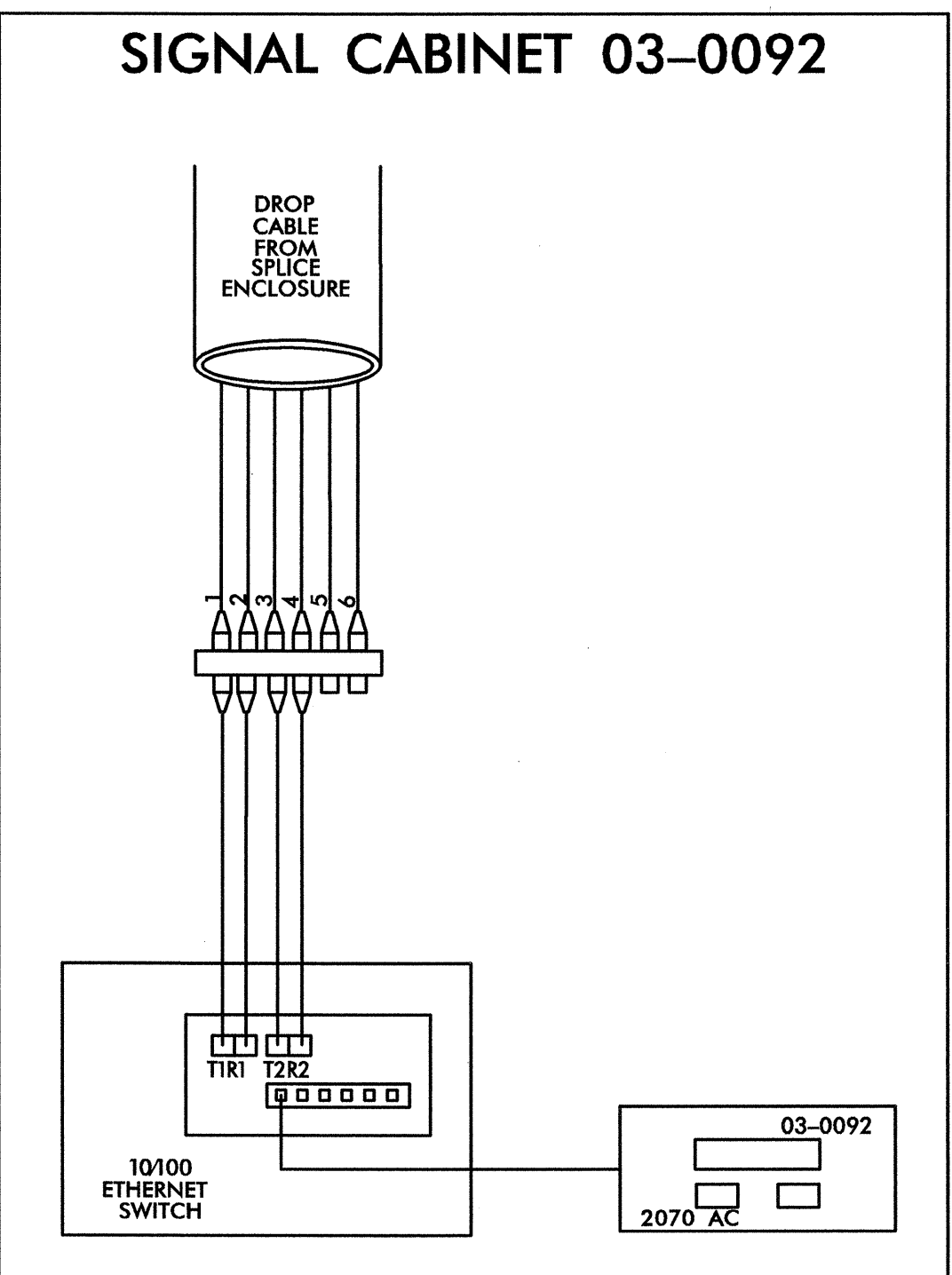
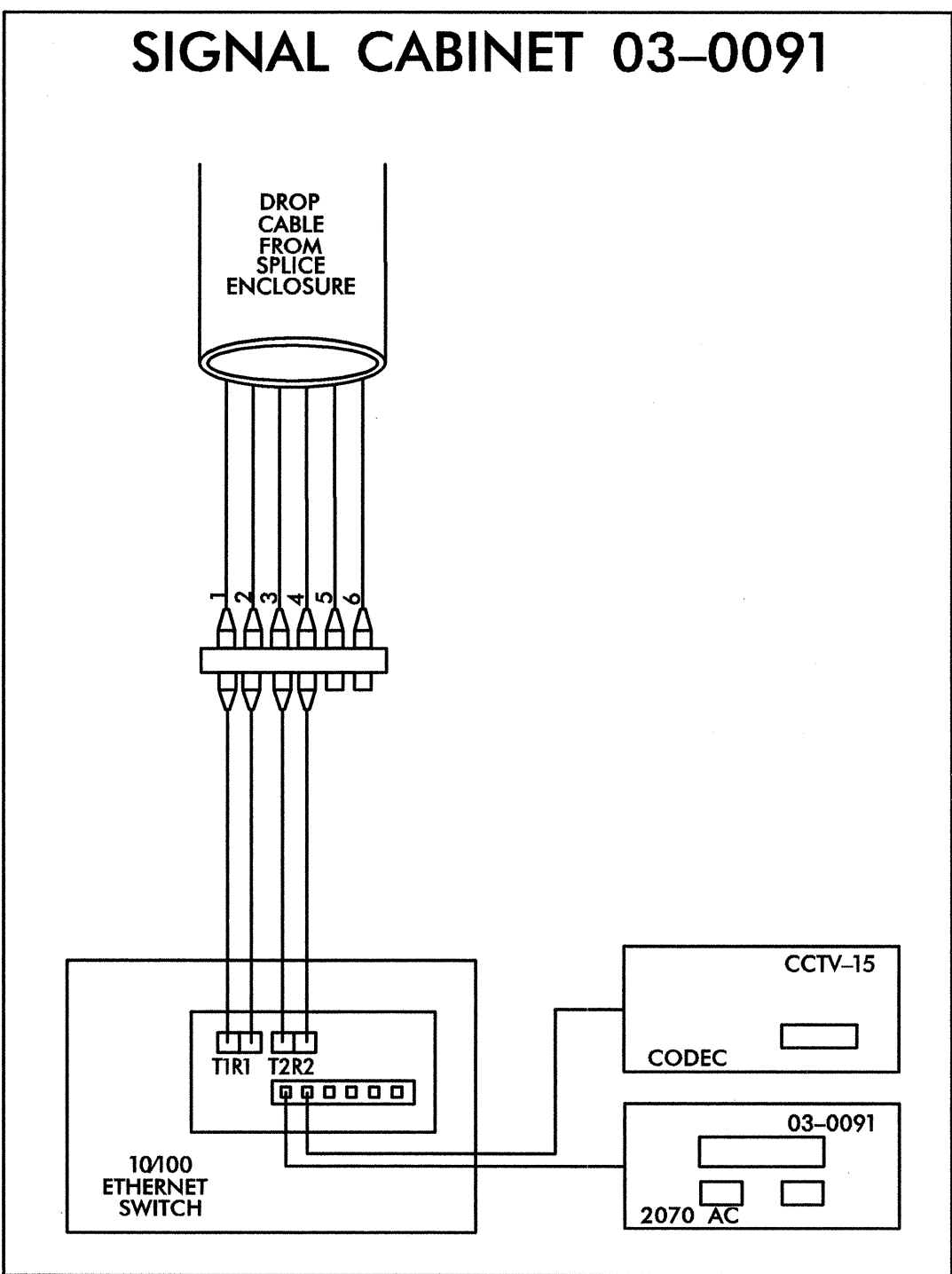
BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

7/20/2011 10:51:06 AM \asp\jcs\jcs\_078.dgn



PLANS PREPARED IN THE OFFICE OF:  
  
 Kimley-Horn and Associates, Inc.  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

**CITY OF JACKSONVILLE**  
**COMPUTERIZED SIGNAL SYSTEM**  
**SPLICE DIAGRAM**

GROUP 8 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_ REVIEWED BY: \_\_\_\_\_

SCALE: 0 NONE

SIGNATURE: *M. Smusz* DATE: 7.20.2011

**SPLICE ENCLOSURE AT  
ONSLow DR AND  
NEW RIVER DR  
(03-0247)**

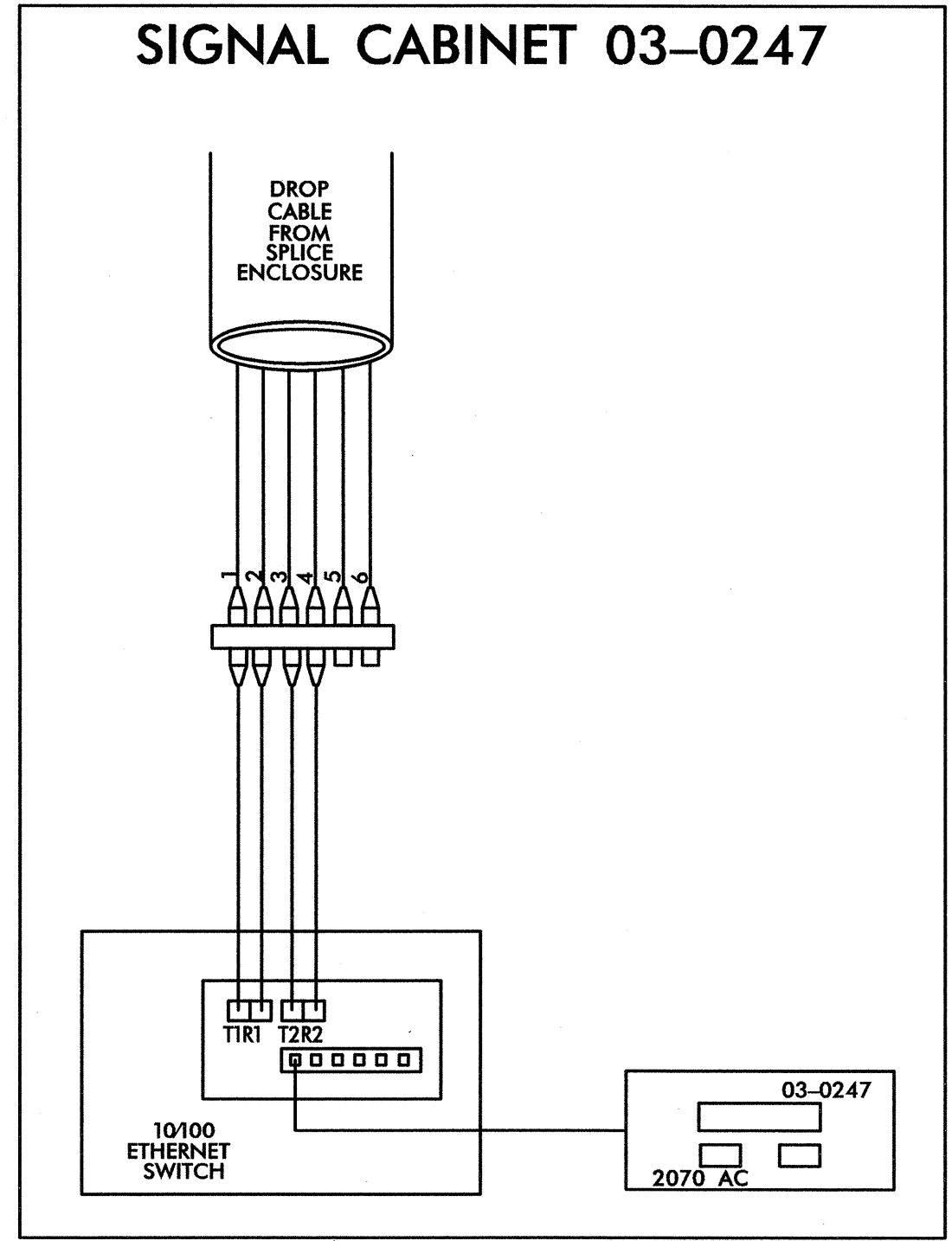
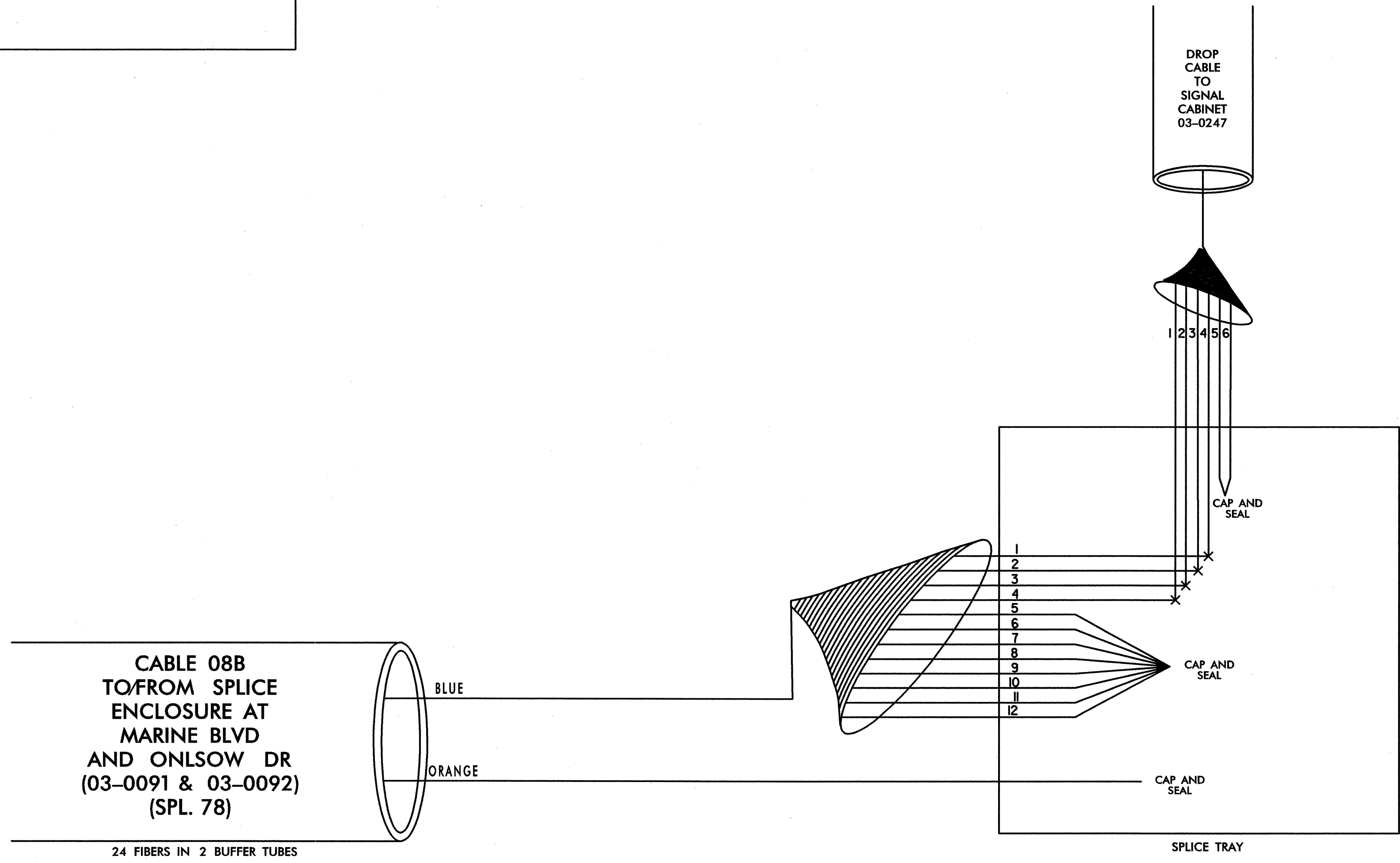
**LEGEND**

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

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

750 N. Greenfield Pkwy., Garner, NC 27529

SCALE: NONE

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 8 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS	INIT.	DATE

**PROFESSIONAL SEAL**  
NORTH CAROLINA  
SEAL 031558  
ENGINEER  
WALTER W. SMUST, M.E.I.C.

SIGNATURE: *[Signature]* DATE: 7.20.2011

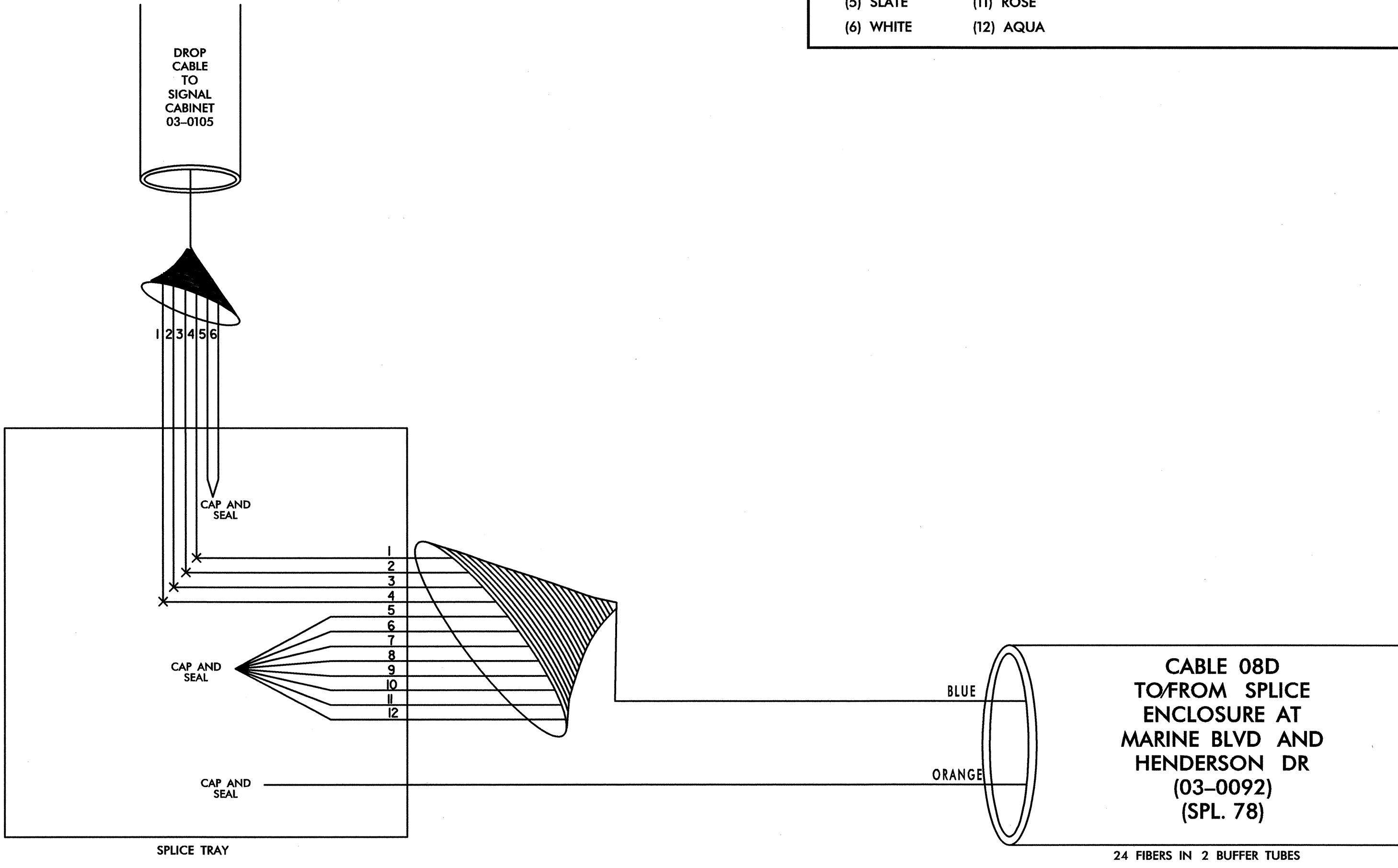
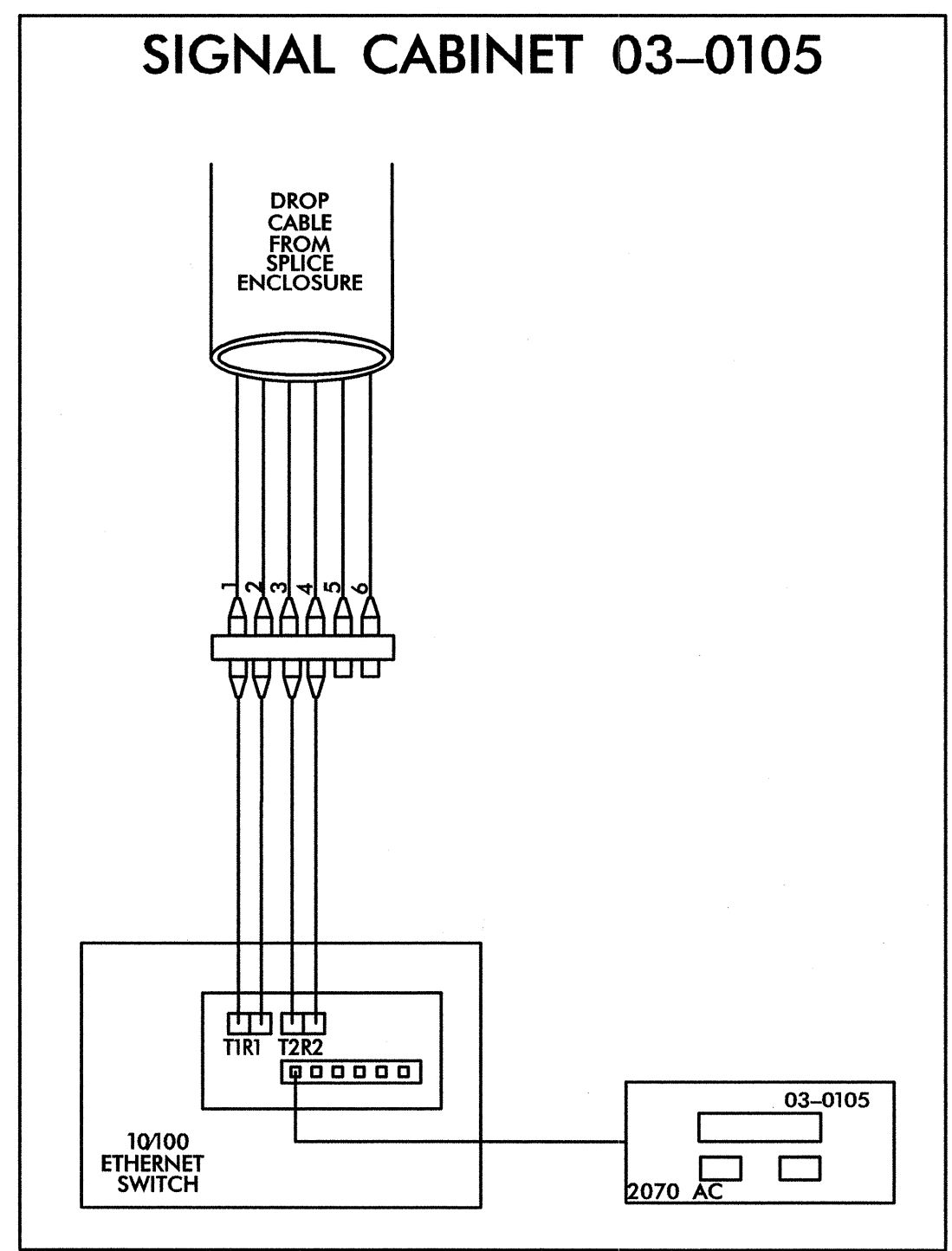
7/20/2011 \\SPL\CLING\jox\_spl\_079.dgn



**SPLICE ENCLOSURE AT  
HENDERSON DR  
AND ONSLOW DR  
(03-0105)**

**LEGEND**

COLOR CODE TIA/EIA 598-A		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	X - FUSION SPLICE INDIVIDUAL FIBER
(3) GREEN	(9) YELLOW	<b>BUFFER TUBE</b> SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



TRANSCIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

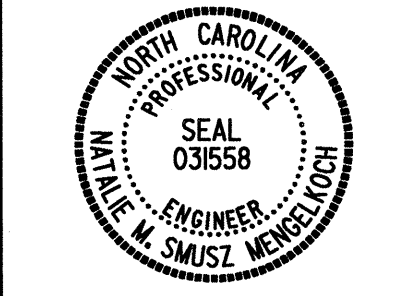
7/20/2011  
SPLACING\jax\_spl\_080.dgn

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

750 N. Greenfield Pkwy., Garner, NC 27529

SCALE  
0  
NONE

<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
GROUP 8	ONSLow COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE



SIGNATURE: *M. Smusz* DATE: 7.20.2011

**SPLICE ENCLOSURE AT MARINE BLVD AND SHERWOOD RD CCTV-16**

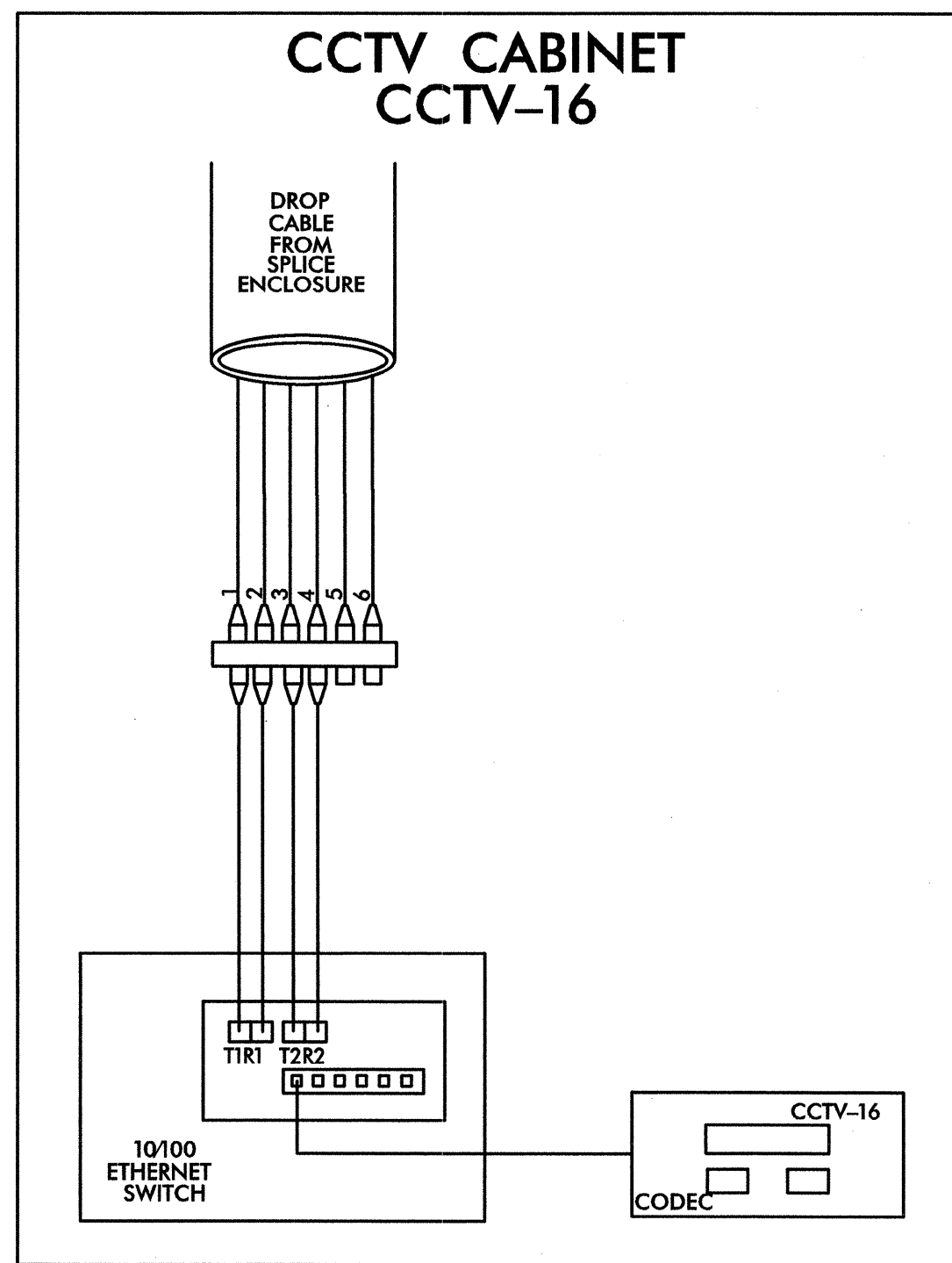
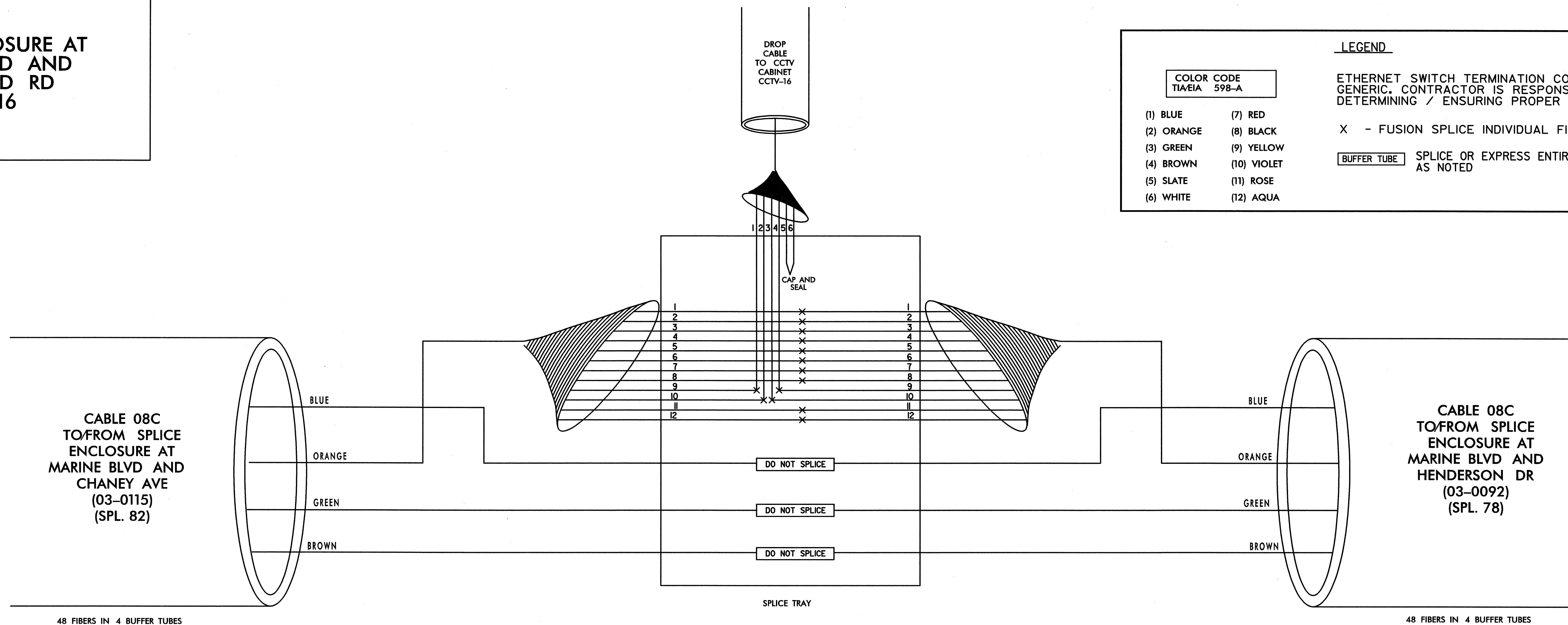
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
 Kimley-Horn and Associates, Inc.  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

 CITY OF JACKSONVILLE TRANSPORTATION DIVISION 250 N. Greenfield Pkwy., Garner, NC 27529	<b>CITY OF JACKSONVILLE                  COMPUTERIZED SIGNAL SYSTEM                  SPLICE DIAGRAM</b>		
	GROUP 8 PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY:	
SCALE: 0 NONE	REVISIONS:	INIT. DATE:	DATE:

7/20/2011 \\splicing\jox\_spl\_081.dgn

**SPLICE ENCLOSURE AT MARINE BLVD AND CHANEY AVE (03-0115)**

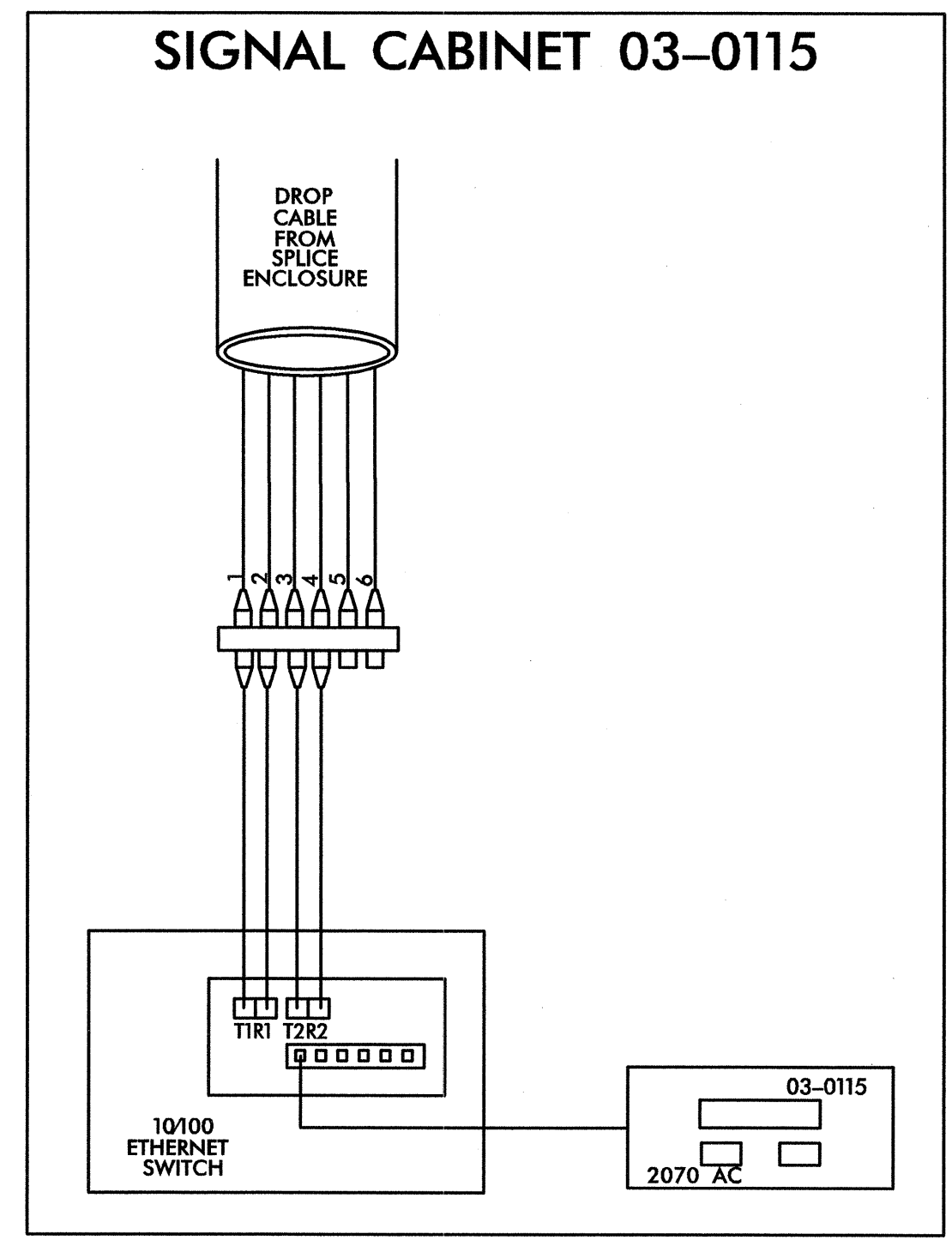
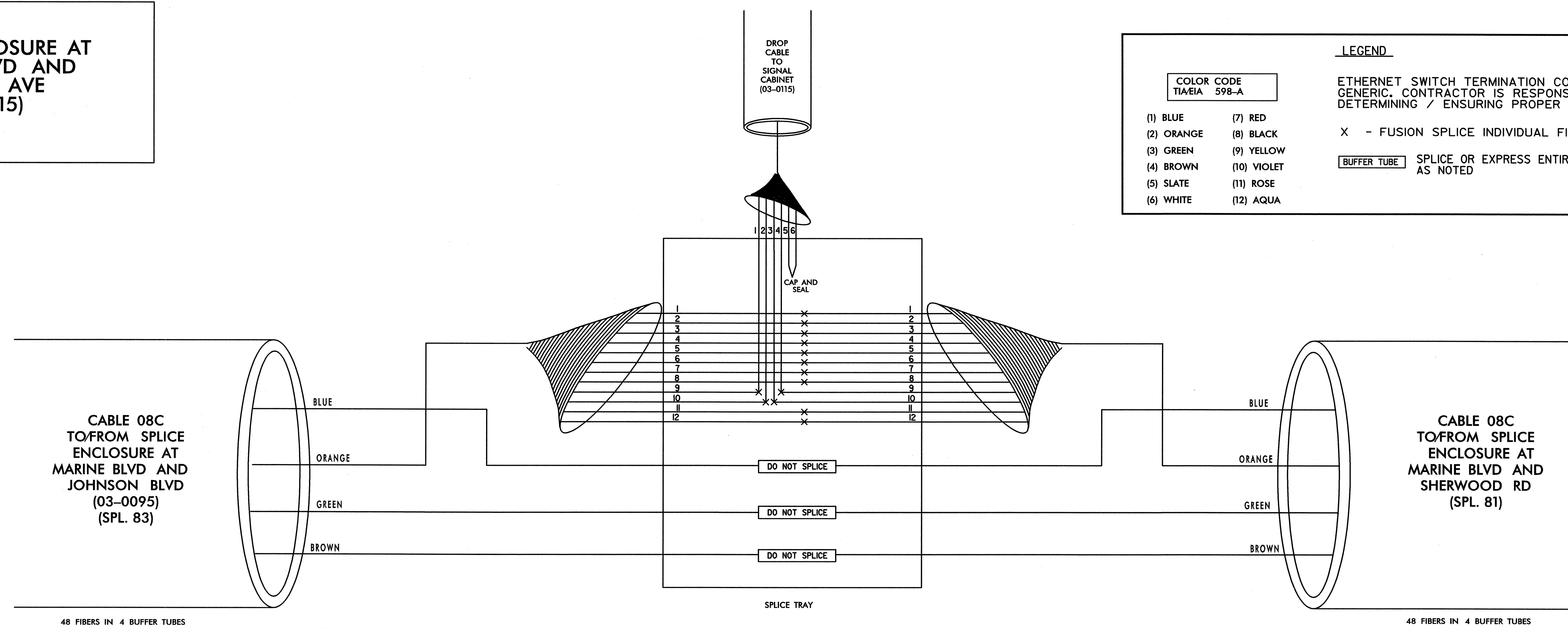
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
 Kimley-Horn and Associates, Inc.  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

	<b>CITY OF JACKSONVILLE</b>		
	<b>COMPUTERIZED SIGNAL SYSTEM</b>		
<b>SPLICE DIAGRAM</b>		GROUP 8	ONSLOW COUNTY
PLAN DATE:	JULY 2011	REVIEWED BY:	
PREPARED BY:		REVIEWED BY:	
SCALE	0	INIT.	DATE
NONE			
SIGNATURE		DATE	
		7.20.2011	

7/20/2011 \\splicing\jox\_spl\_082.dgn

**SPLICE ENCLOSURE AT  
S MARINE BLVD AND  
JOHNSON BLVD  
03-0095  
03-0094**

**LEGEND**

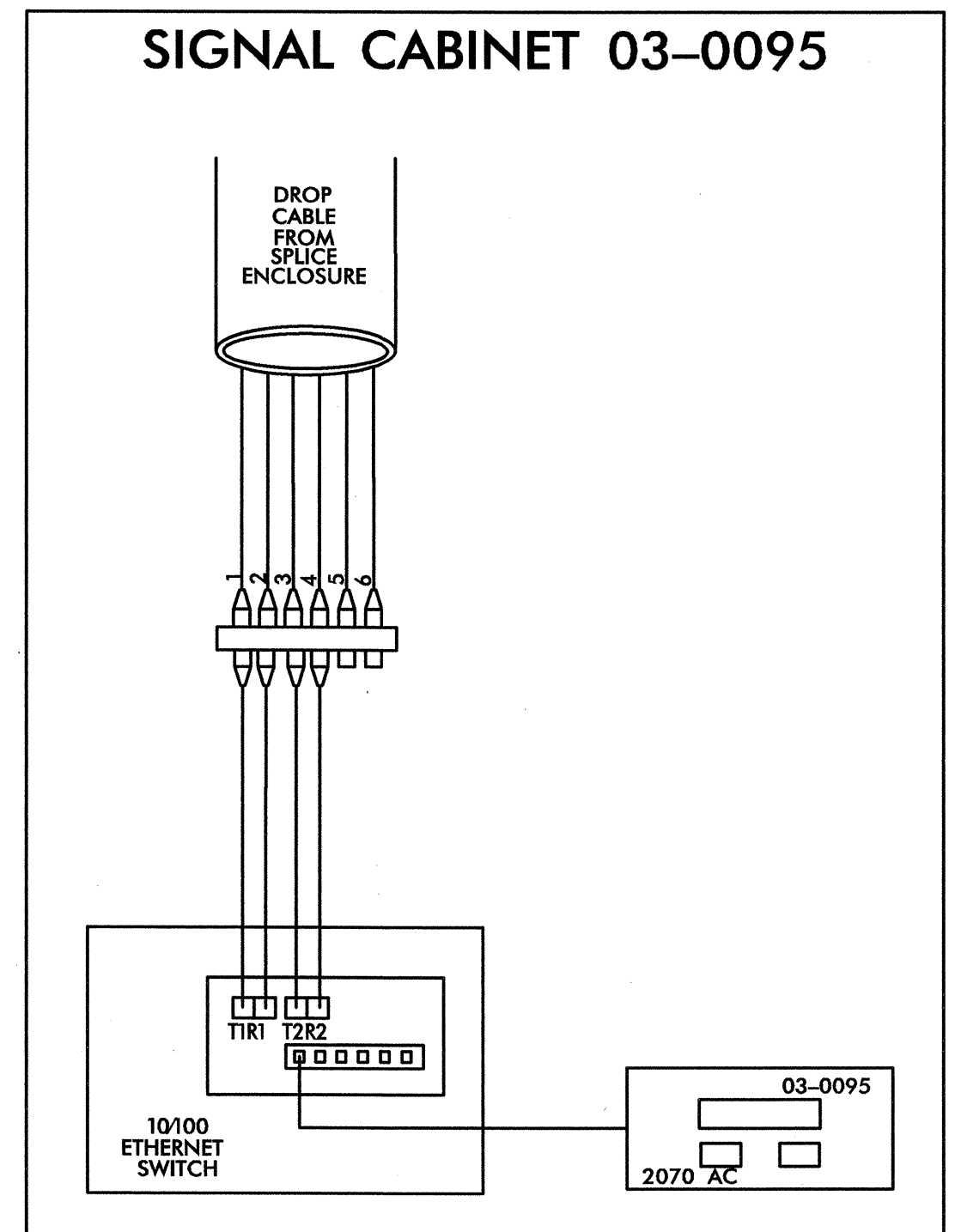
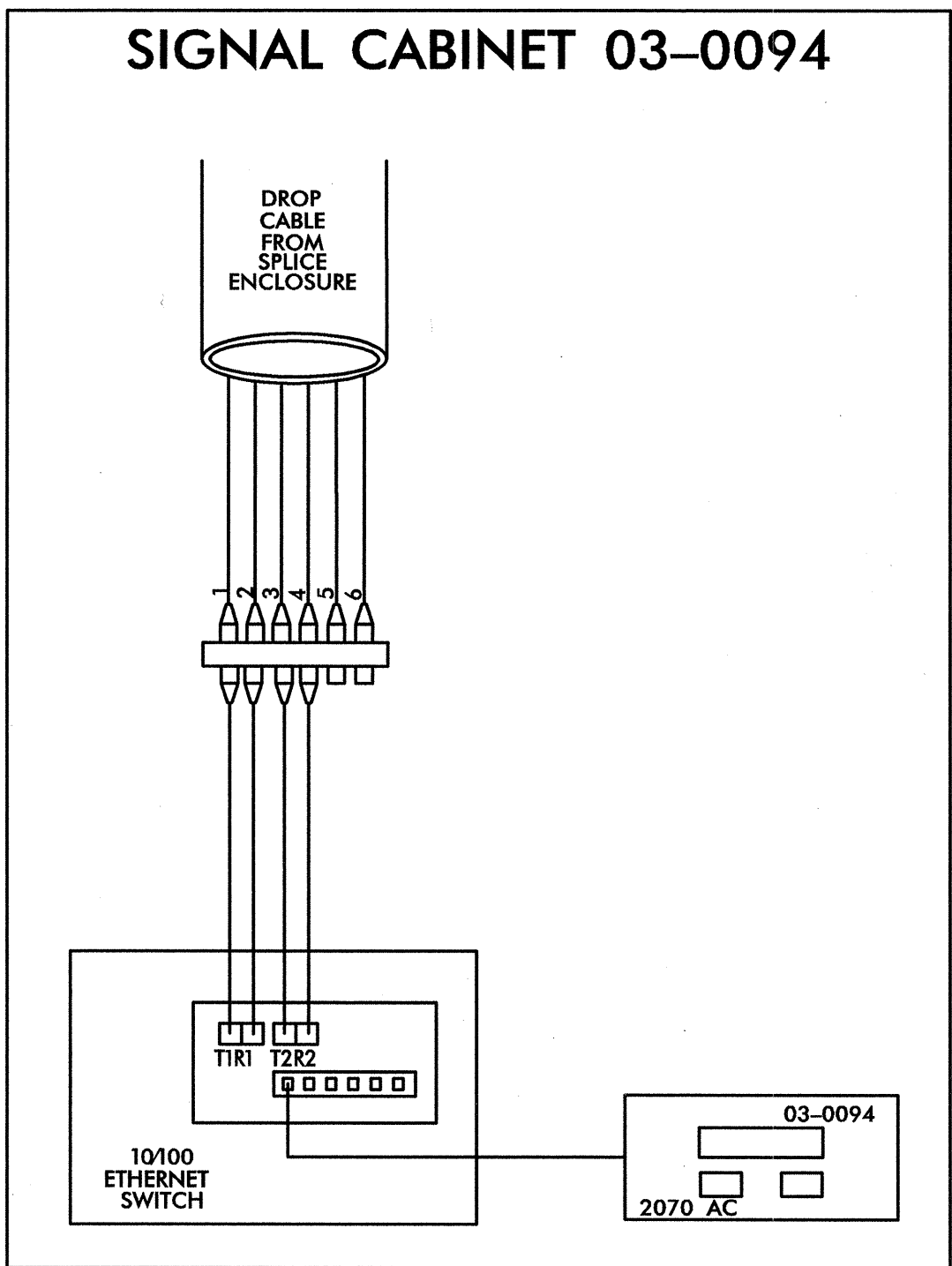
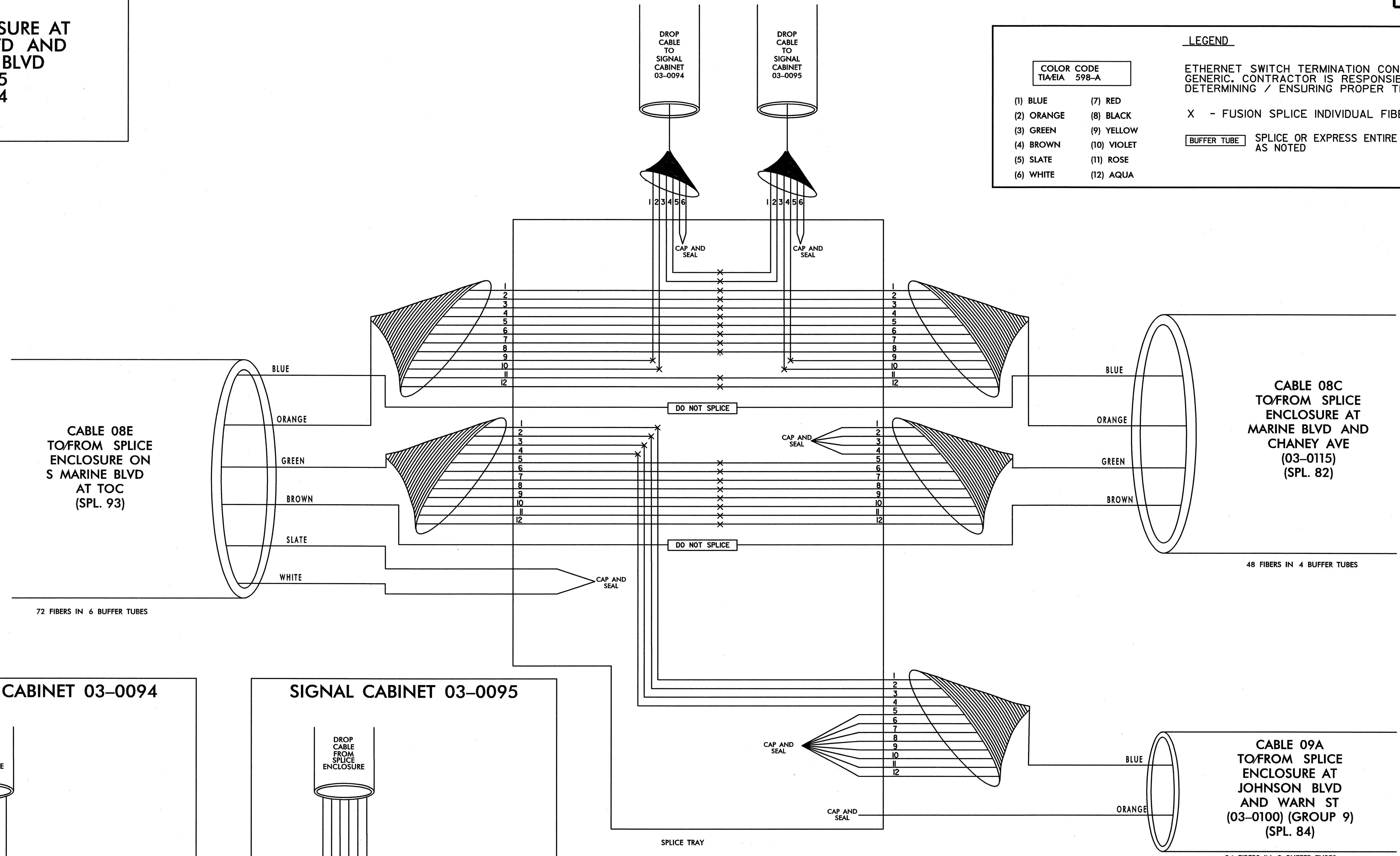
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

**COLOR CODE TIA/EIA 598-A**

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

7/20/2011 SPLING\jcx\_spl\_083.dgn

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 8 ONSLOW COUNTY

PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE

*[Signature]* 7.20.2011  
SIGNATURE DATE



**SPLICE ENCLOSURE AT JOHNSON BLVD AND WARN ST 03-0100**

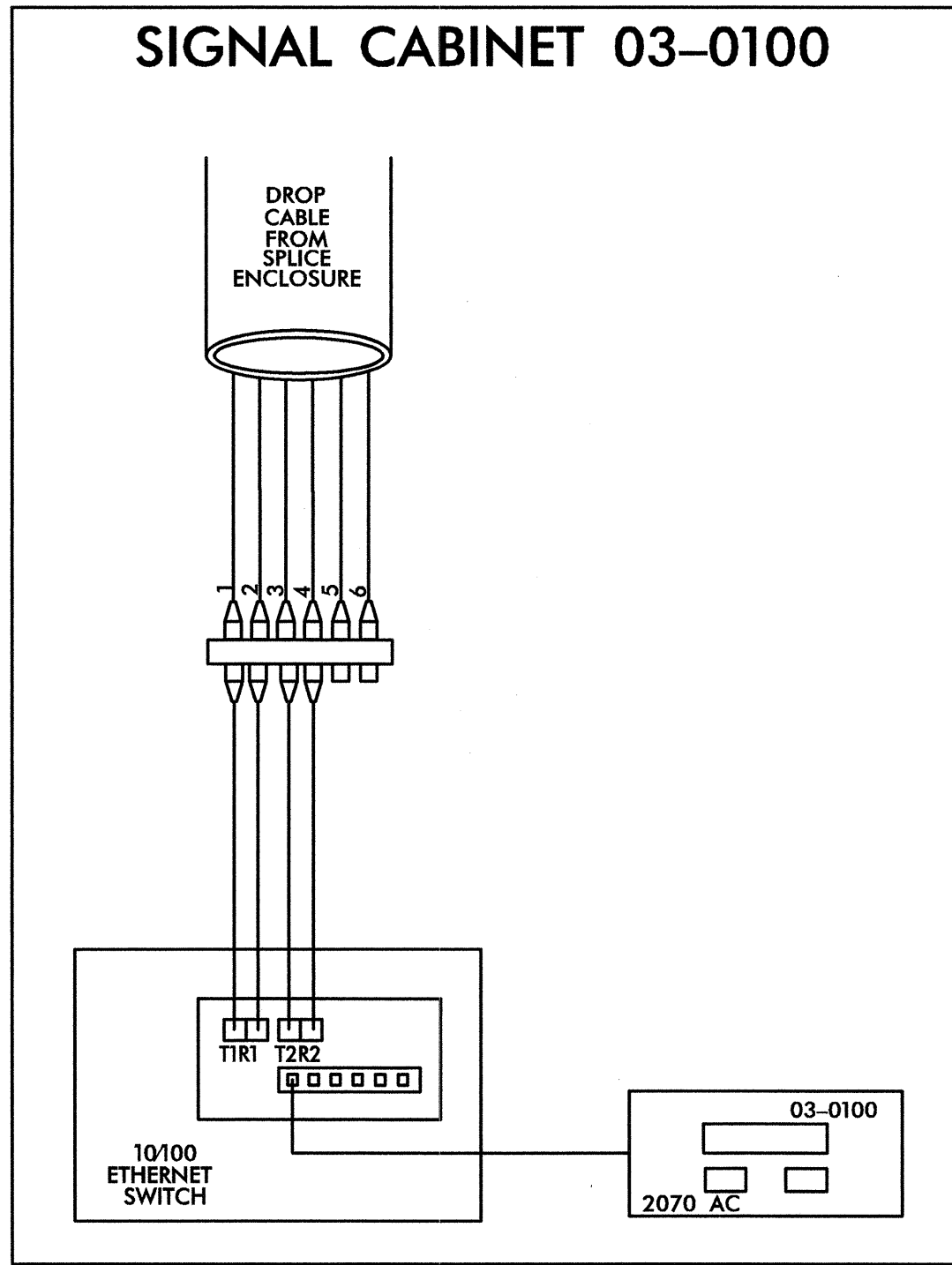
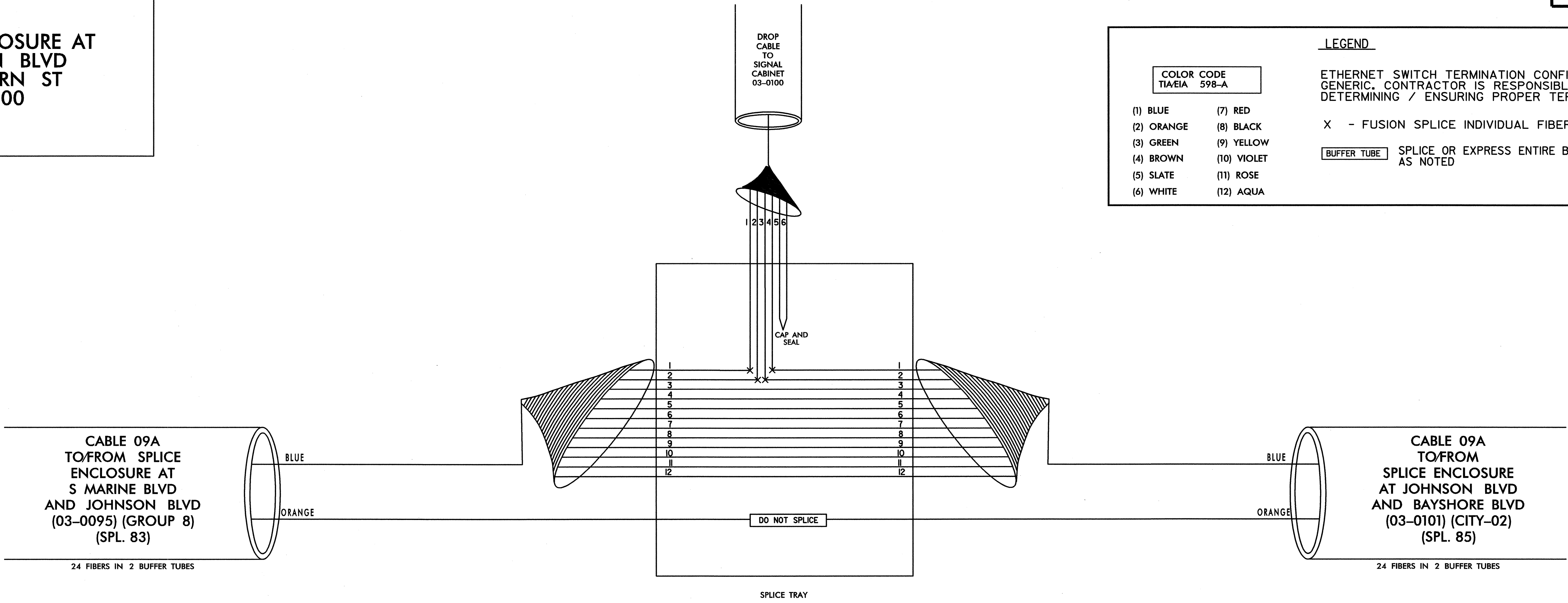
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
  
 Kimley-Horn and Associates, Inc.  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

**CITY OF JACKSONVILLE**  
**COMPUTERIZED SIGNAL SYSTEM**  
**SPLICE DIAGRAM**

GROUP 9 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS	INIT.	DATE

SCALE: NONE

SIGNATURE: DATE: 7-20-2011

7/20/2011 \\SPLC\Jax\_spl\_084.dgn

**SPLICE ENCLOSURE AT  
JOHNSON BLVD  
AND BAYSHORE BLVD  
03-0101  
CITY-02**

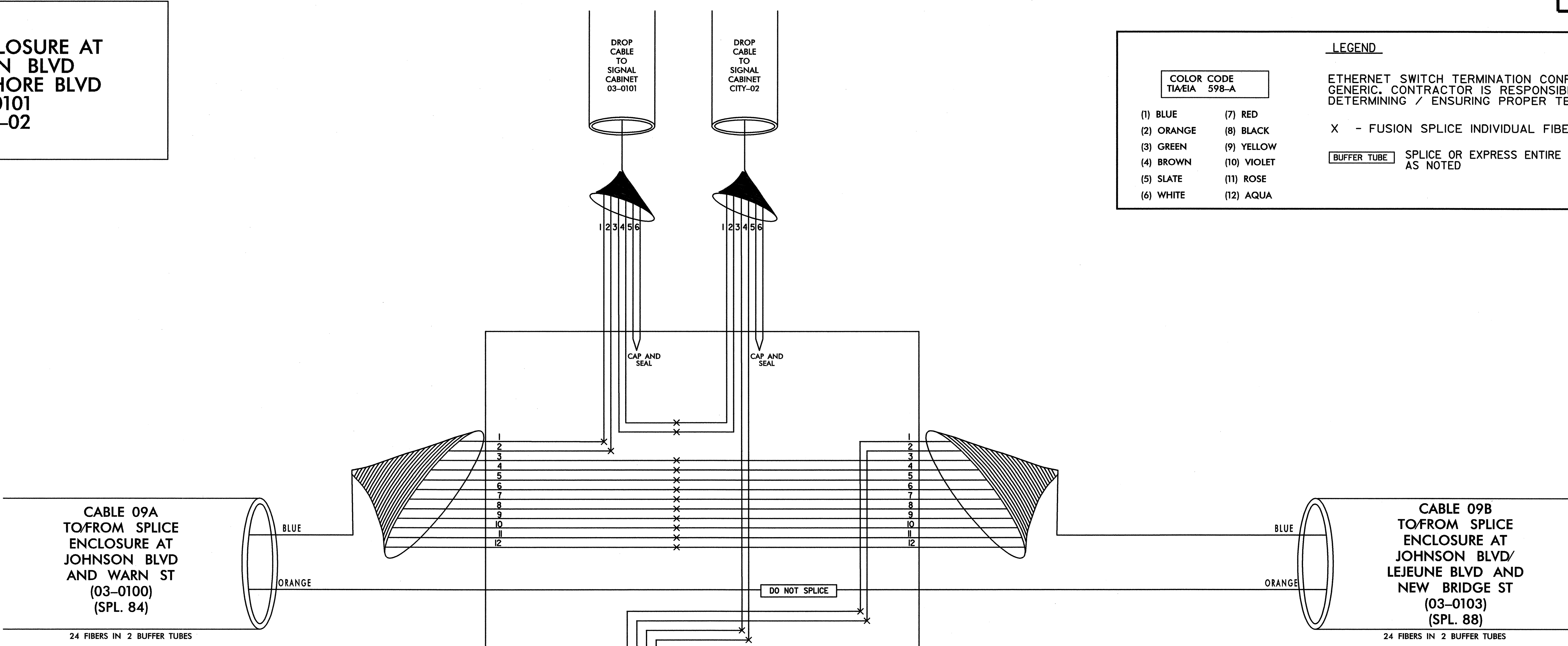
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

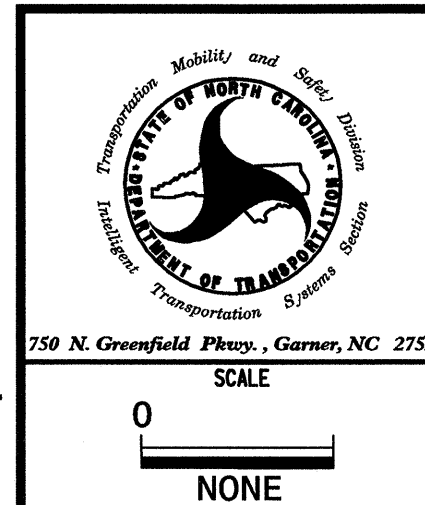
COLOR CODE TIA/EIA 598-A	
(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA



TRANSCIEVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

7/20/2011 1:51:06 PM \jox.sp\_L085.dgn

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 9 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS	INIT.	DATE

**North Carolina Professional Engineer**  
SEAL 031558  
M. SMAUL, MENSLS003

7/20/2011

SCALE  
0 NONE

**SPLICE ENCLOSURE AT  
NEW BRIDGE ST  
AND WARLICK ST  
CITY-01**

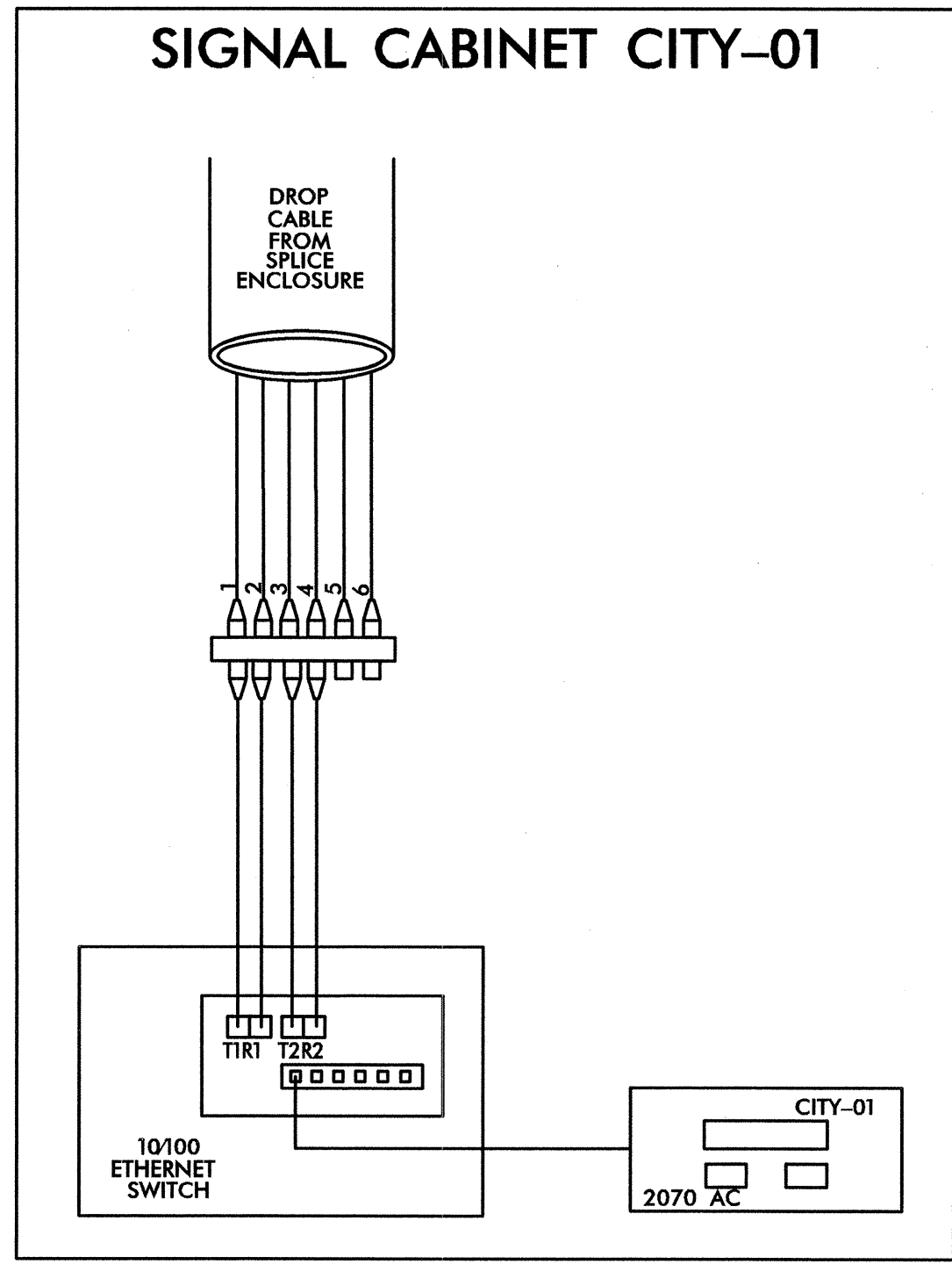
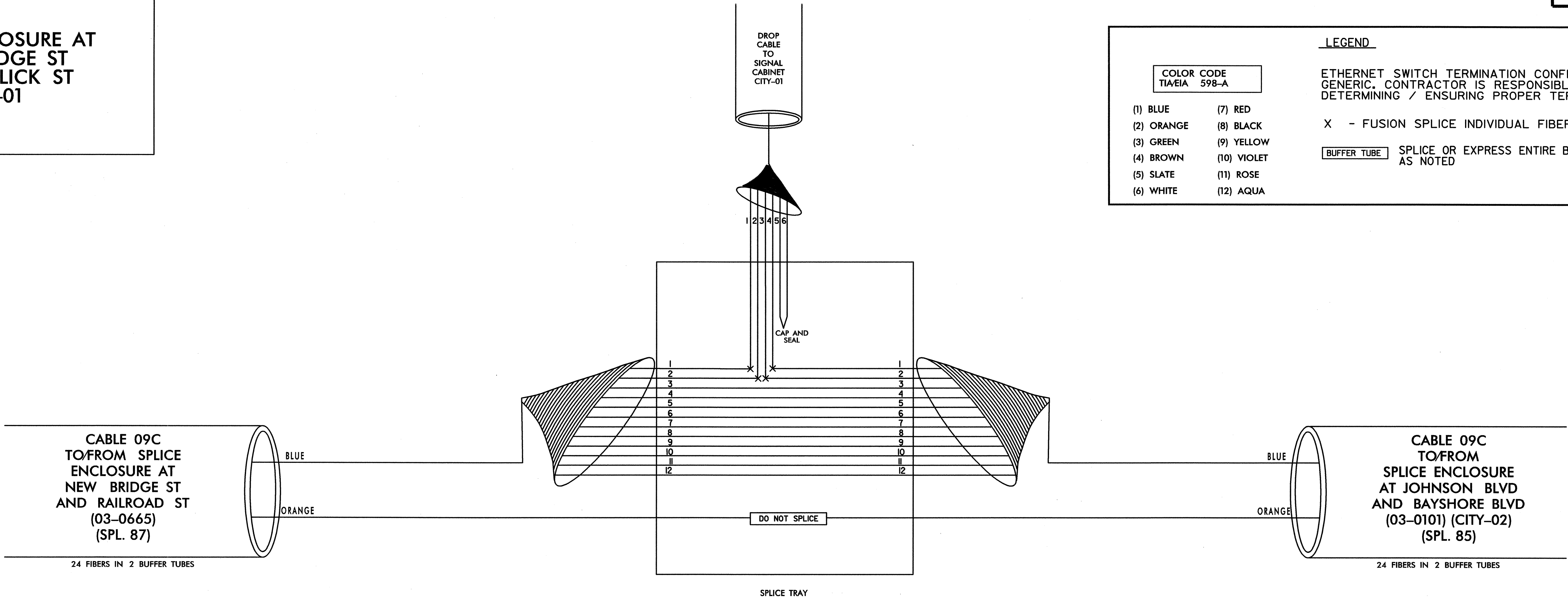
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 9	ONSLow COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	INIT.	DATE
PREPARED BY:	REVIEWED BY:	REVISIONS	DATE
SCALE 0 NONE		SIGNATURE: <i>[Signature]</i> DATE: 7.20.2011	

7/20/2011 1:51:06 PM \\splicing\jox\_sp\_L086.dgn

**SPLICE ENCLOSURE AT  
NEW BRIDGE ST  
AND RAILROAD ST  
(03-0665)**

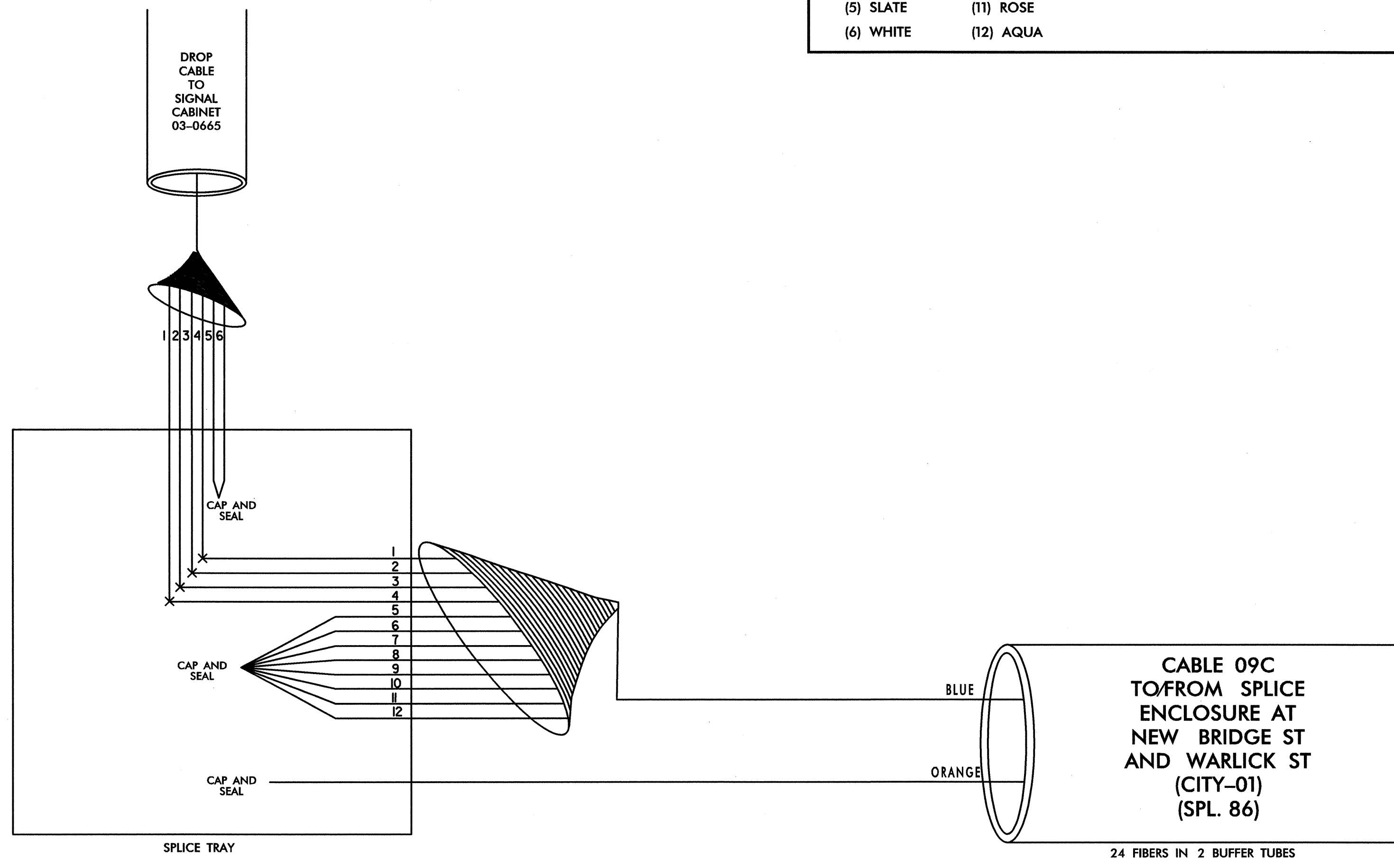
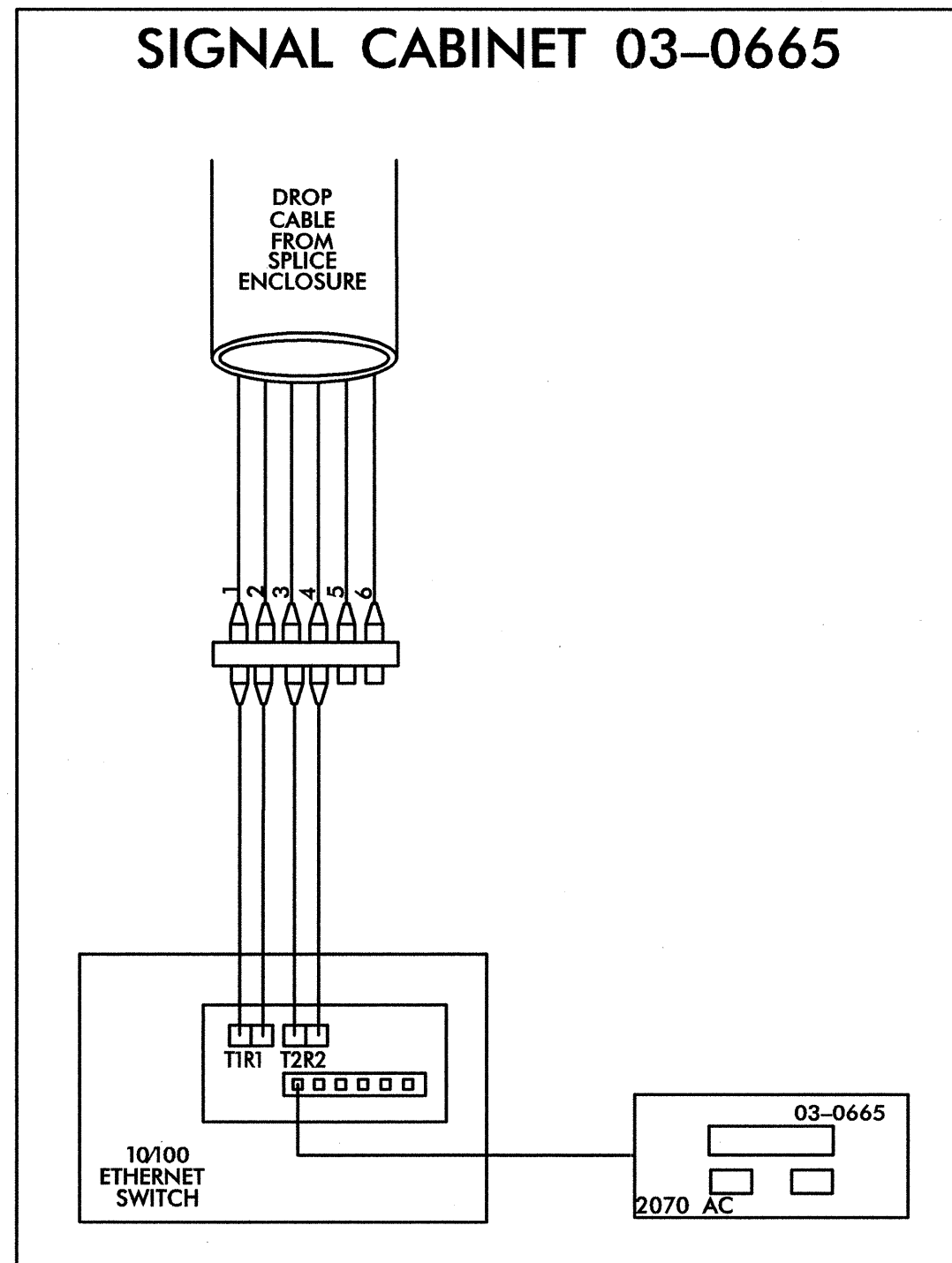
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 9 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

SCALE: NONE

REVISIONS: INIT. DATE

SIGNATURE: DATE

7.30.acd

7/20/2011  
\_SPLICING-Jax\_spl\_087.dgn



**SPLICE ENCLOSURE AT  
JOHNSON BLVD/  
LEJEUNE BLVD AND  
NEW BRIDGE ST  
03-0103**

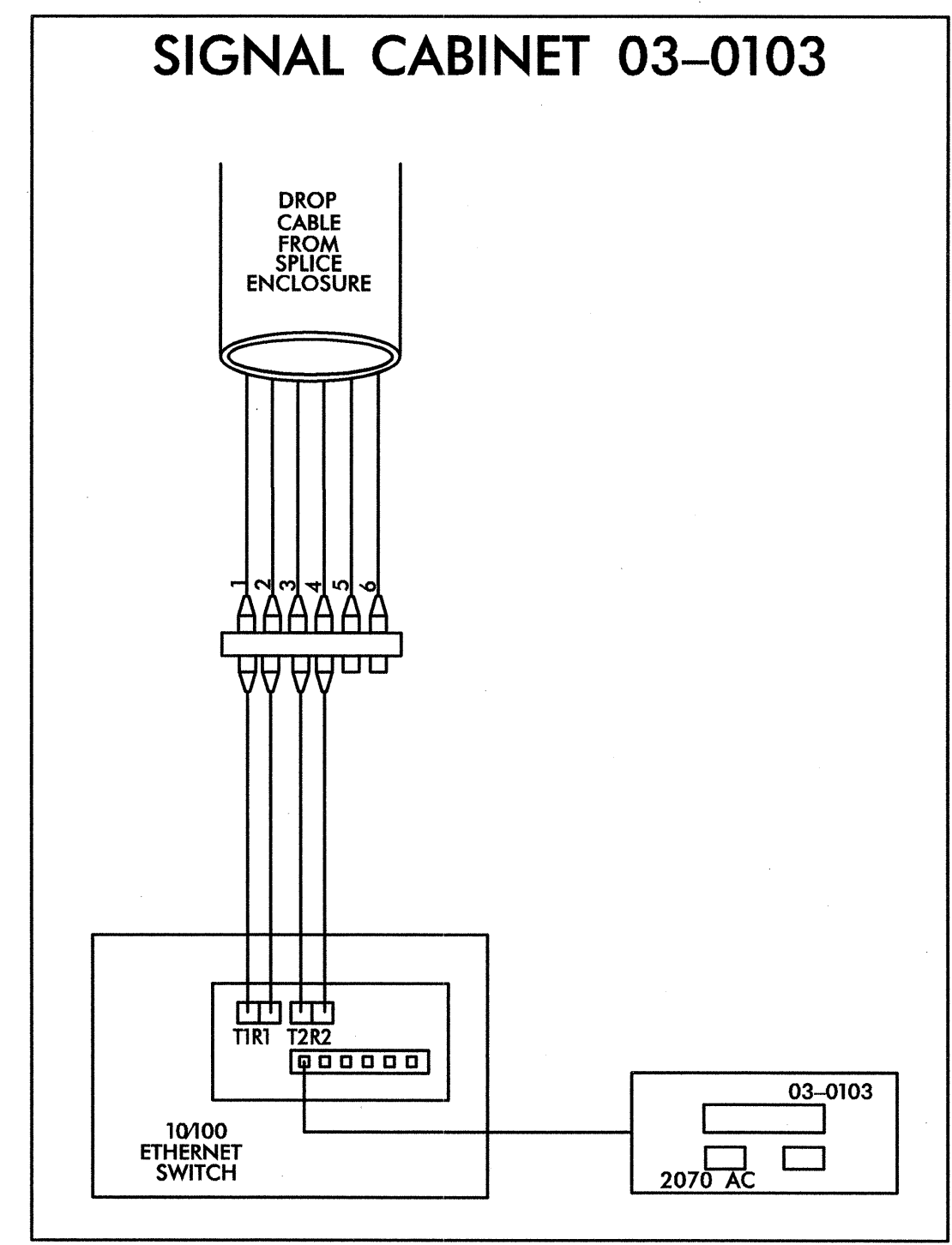
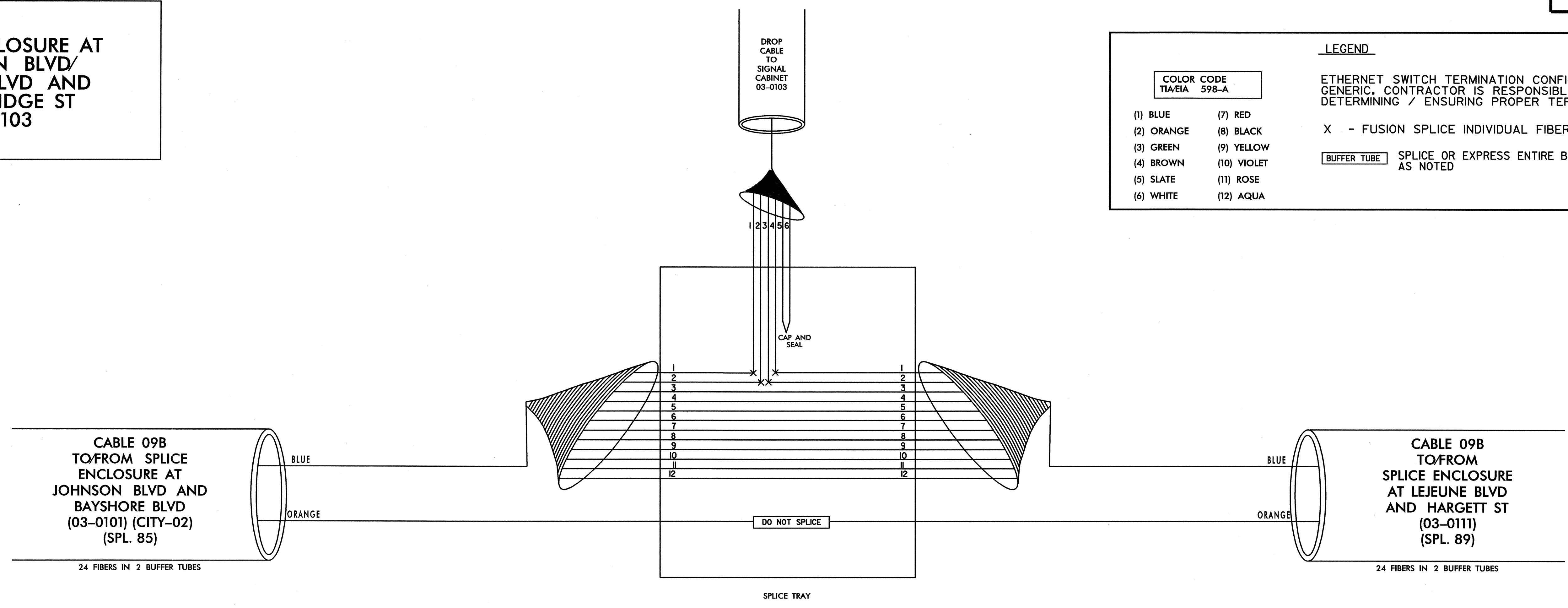
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



**TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.**

PLANS PREPARED IN THE OFFICE OF:  
  
Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	GROUP 9	ONSLOW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	INIT.	DATE
PREPARED BY:	REVIEWED BY:	REVISIONS	DATE
SCALE: 0 NONE		7.20.2011 SIGNATURE DATE	

7/20/2011 1:51:00 PM \\splicing\jox\_spl\_088.dgn

**SPLICE ENCLOSURE AT  
LEJEUNE BLVD  
AND HARGETT ST  
03-0111  
03-0112  
CCTV-18**

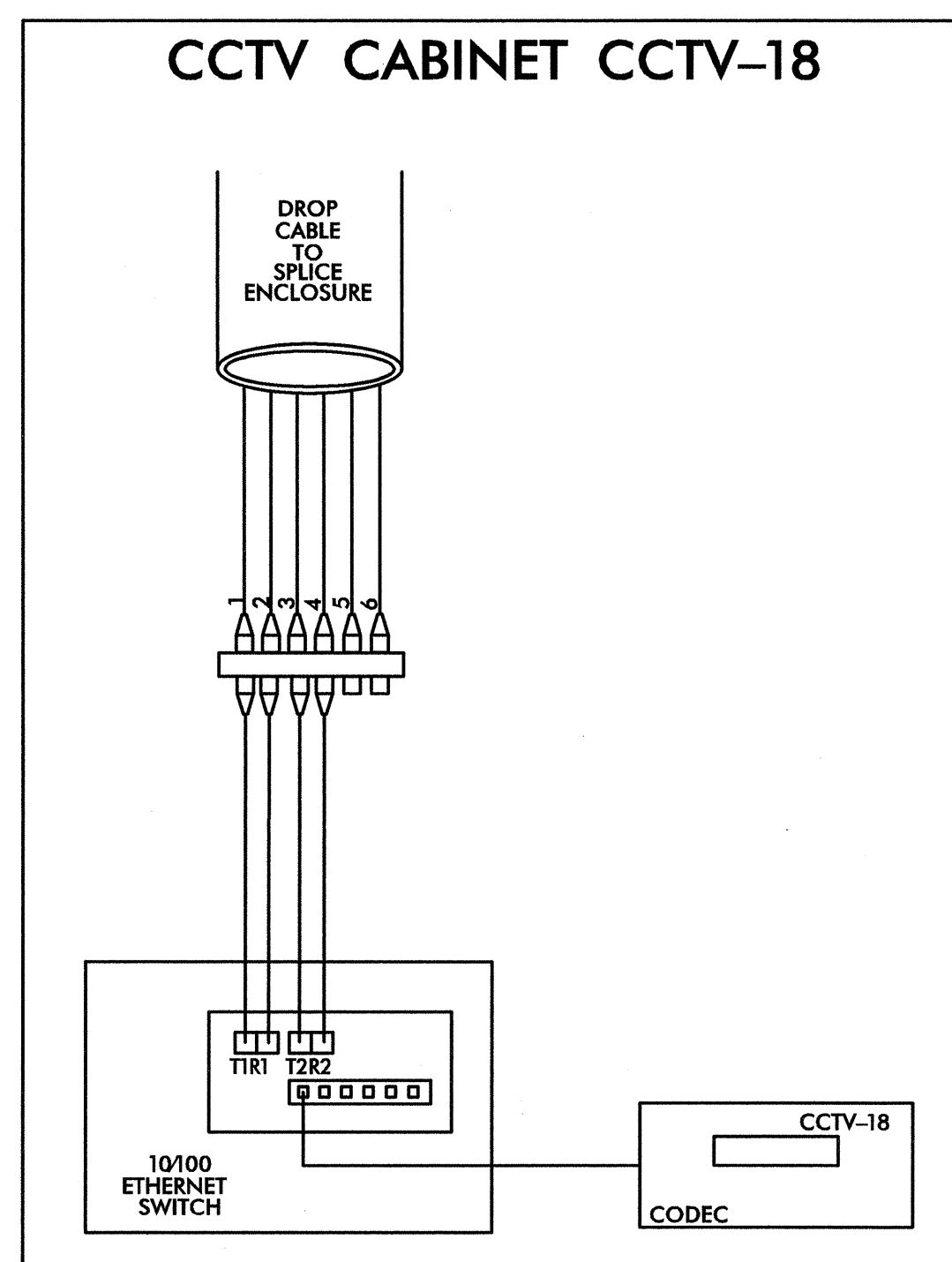
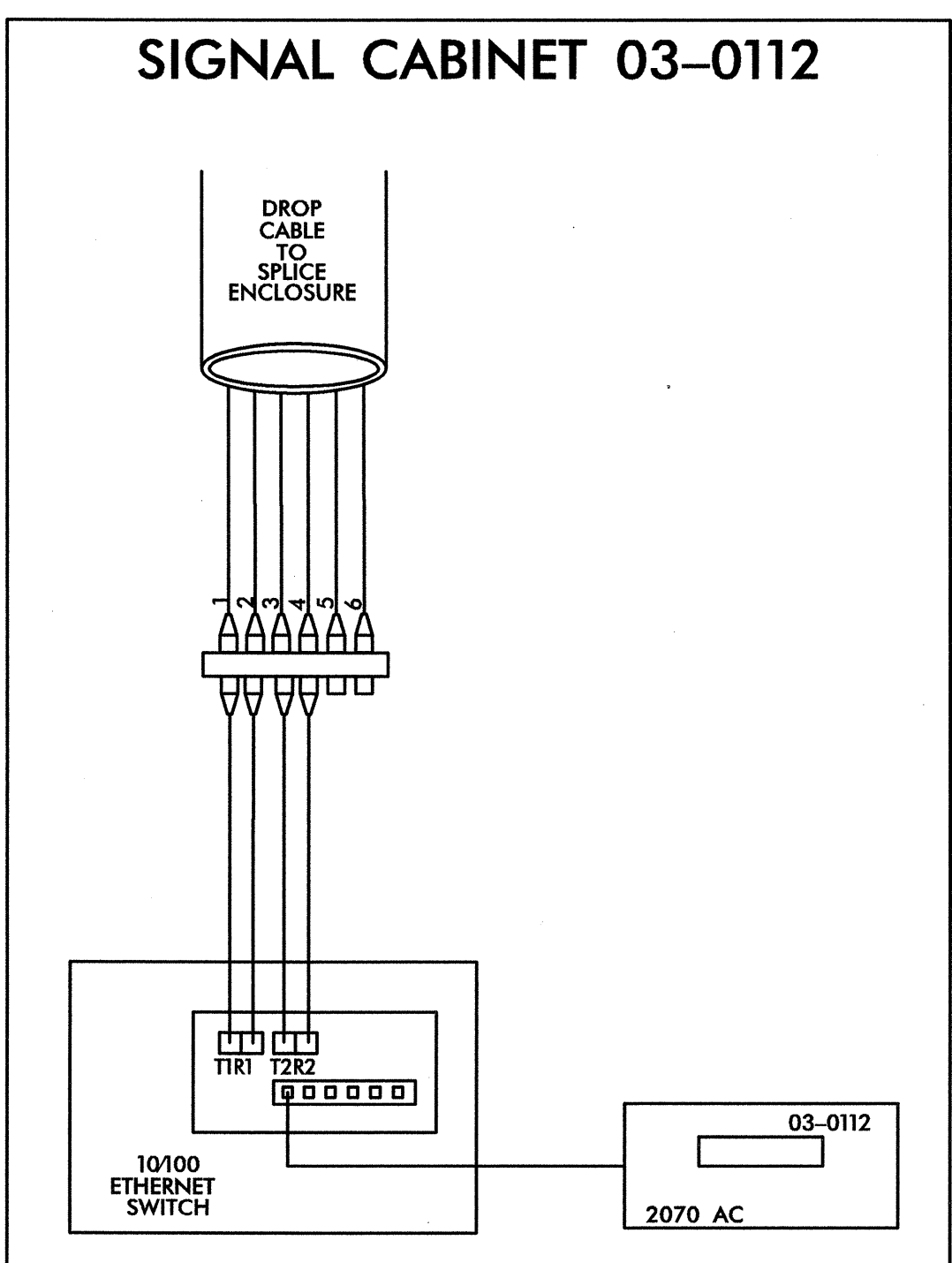
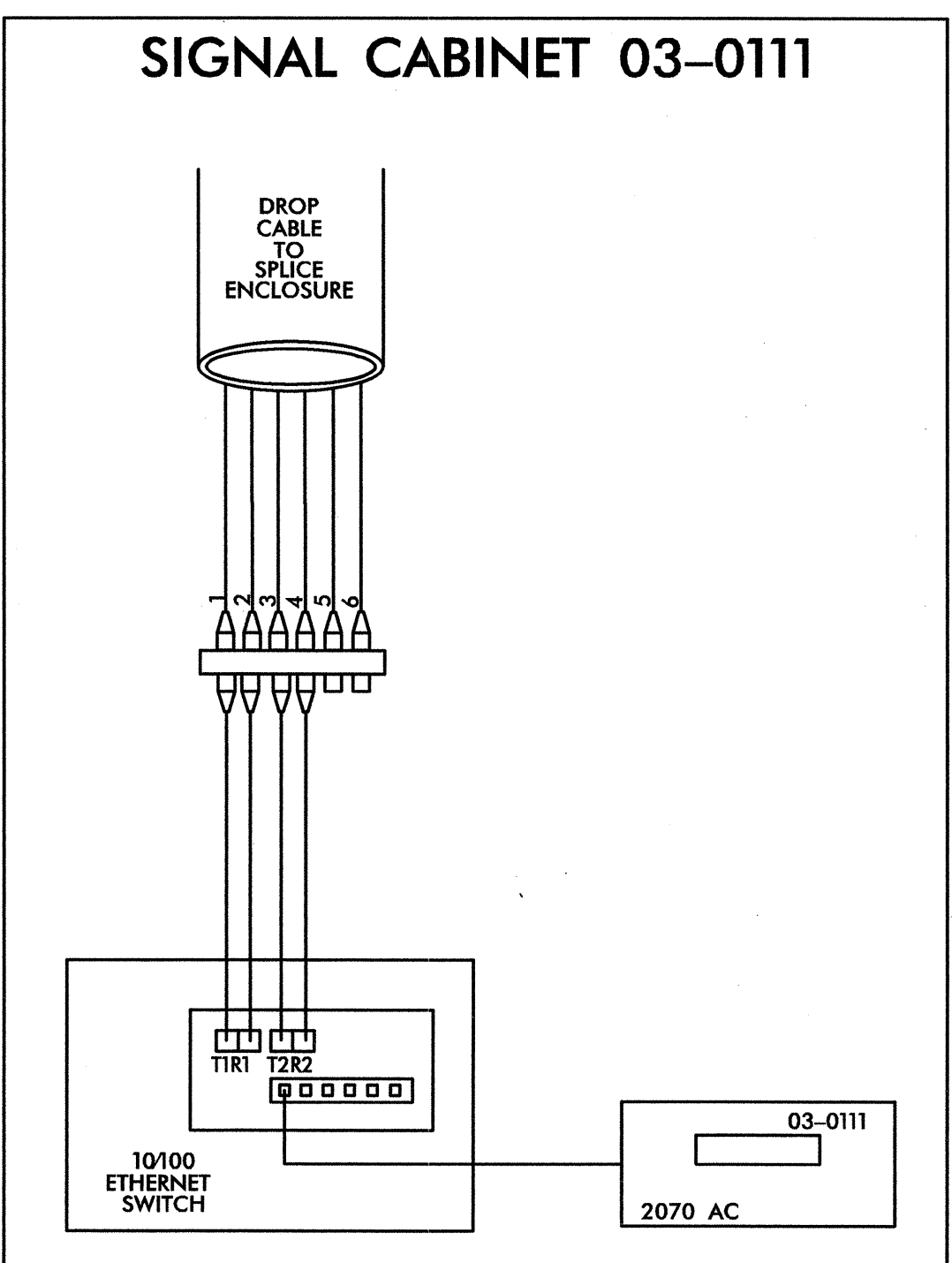
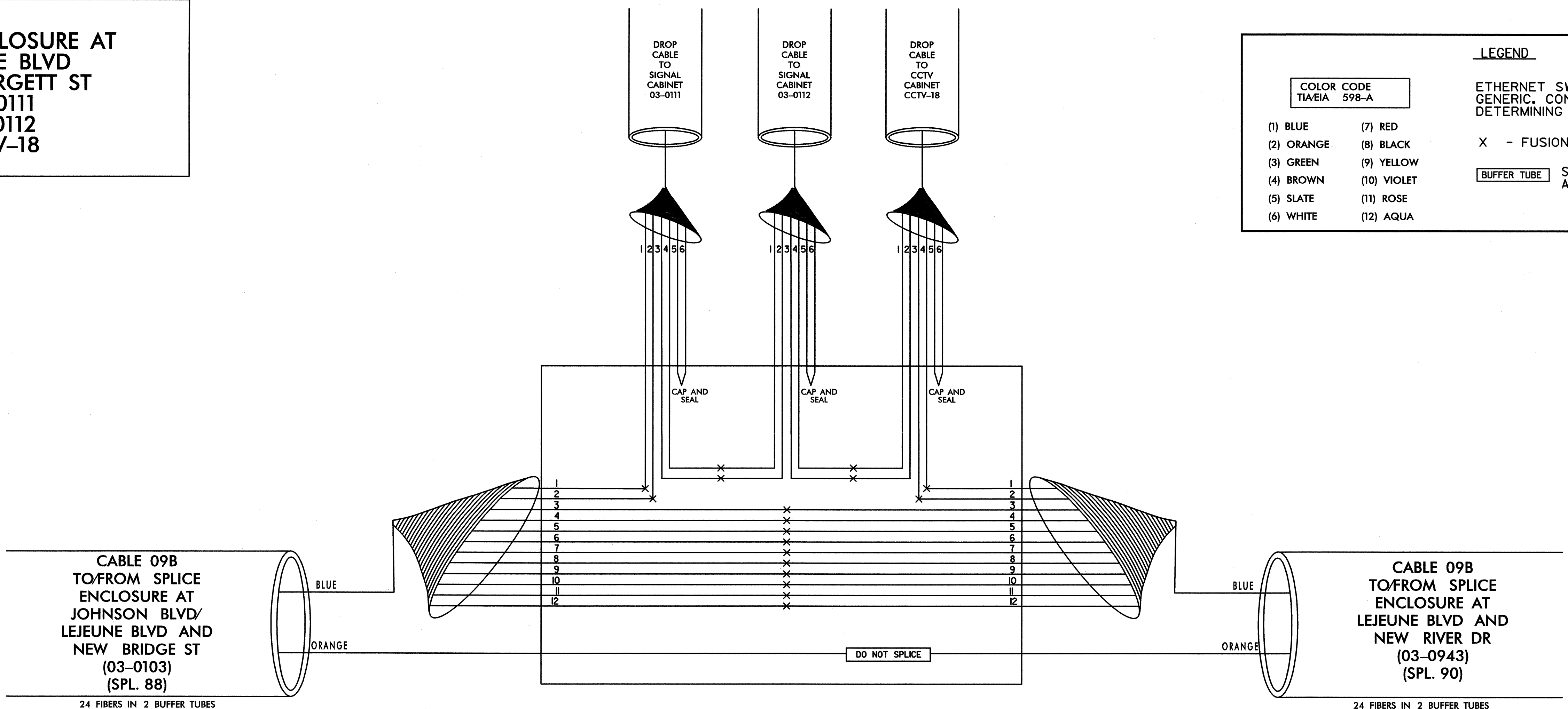
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 9 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

SCALE: 0 NONE

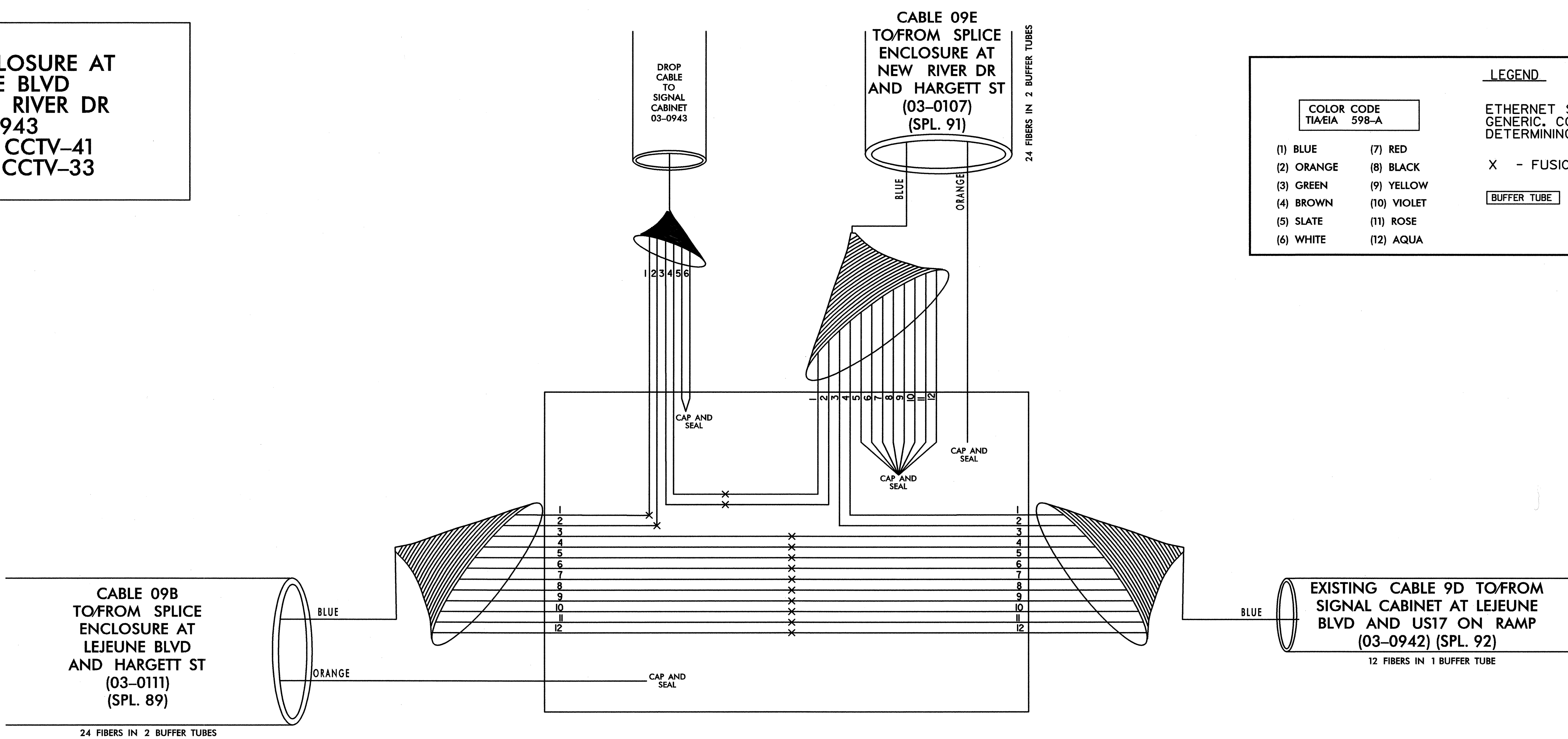
REVISIONS: INIT. DATE

SIGNATURE: DATE: 7.20.2011

Professional Engineer Seal: M. SMUSZ, No. 031558, State of North Carolina.

7/20/2011 1:51:16 PM \\jax\_spl\_089.dgn

**SPLICE ENCLOSURE AT  
LEJEUNE BLVD  
AND NEW RIVER DR  
03-0943  
WIRELESS CCTV-41  
WIRELESS CCTV-33**



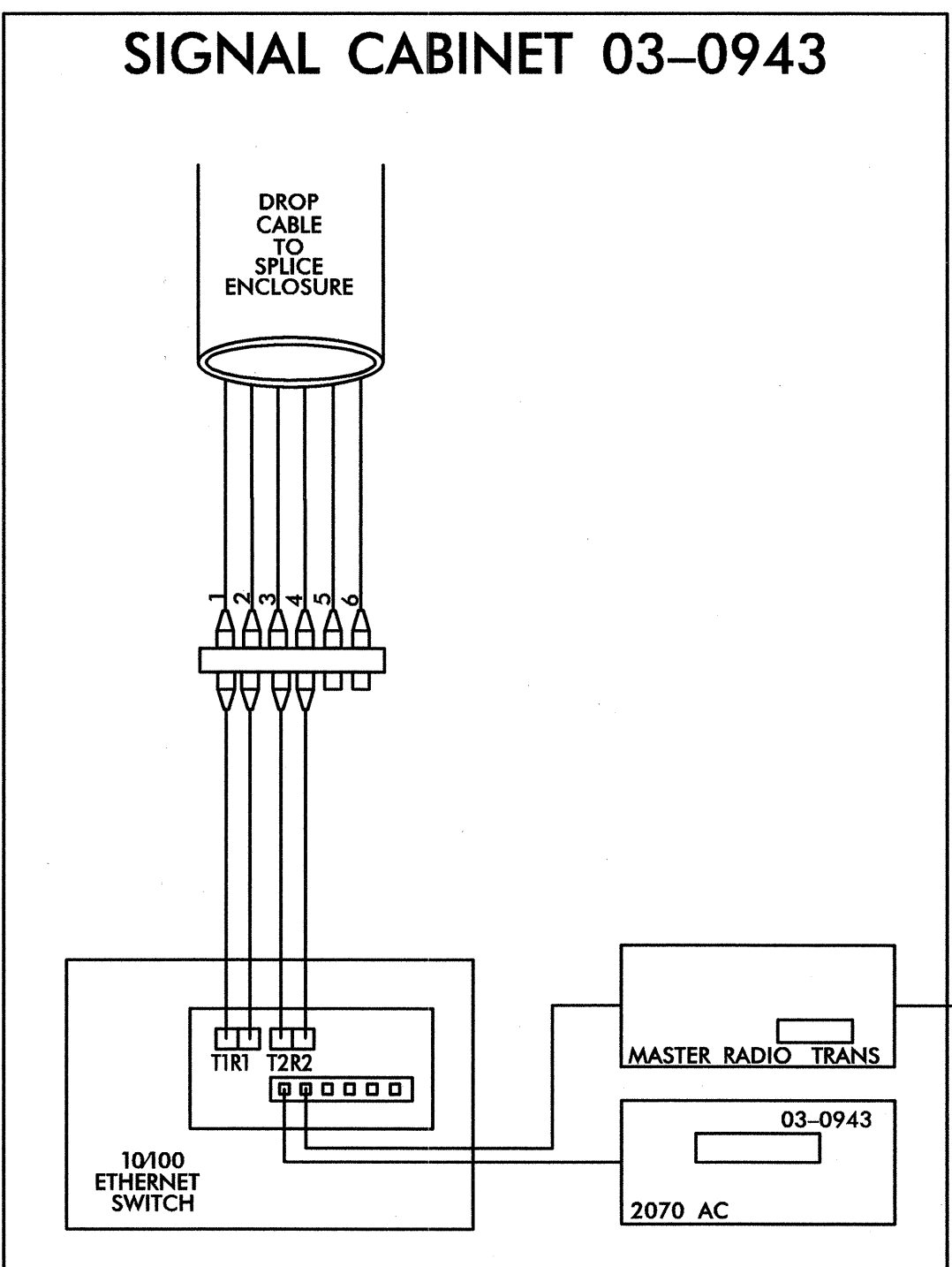
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 9 ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY:

PREPARED BY: REVIEWED BY:

REVISIONS	INIT.	DATE

SCALE: 0 NONE

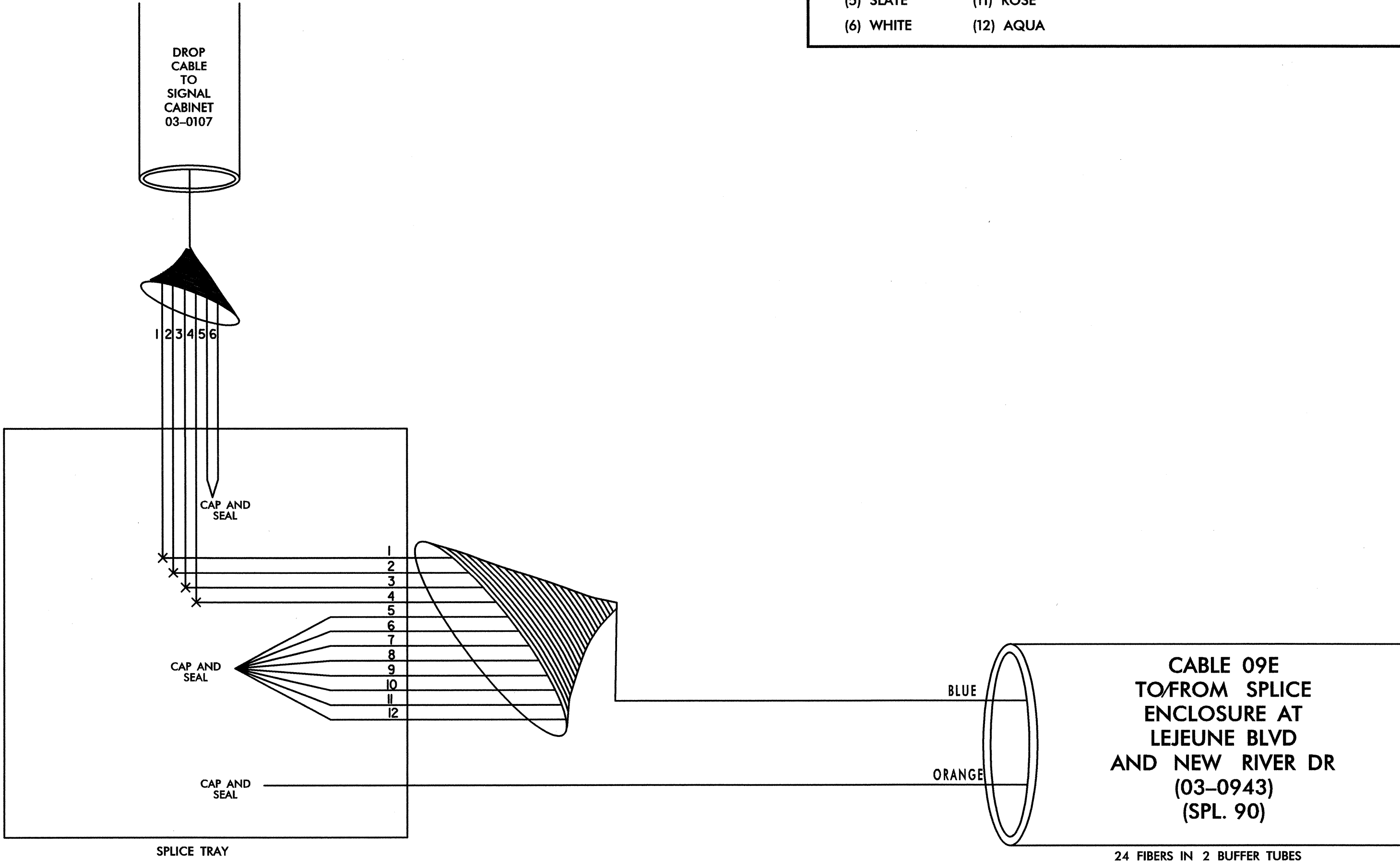
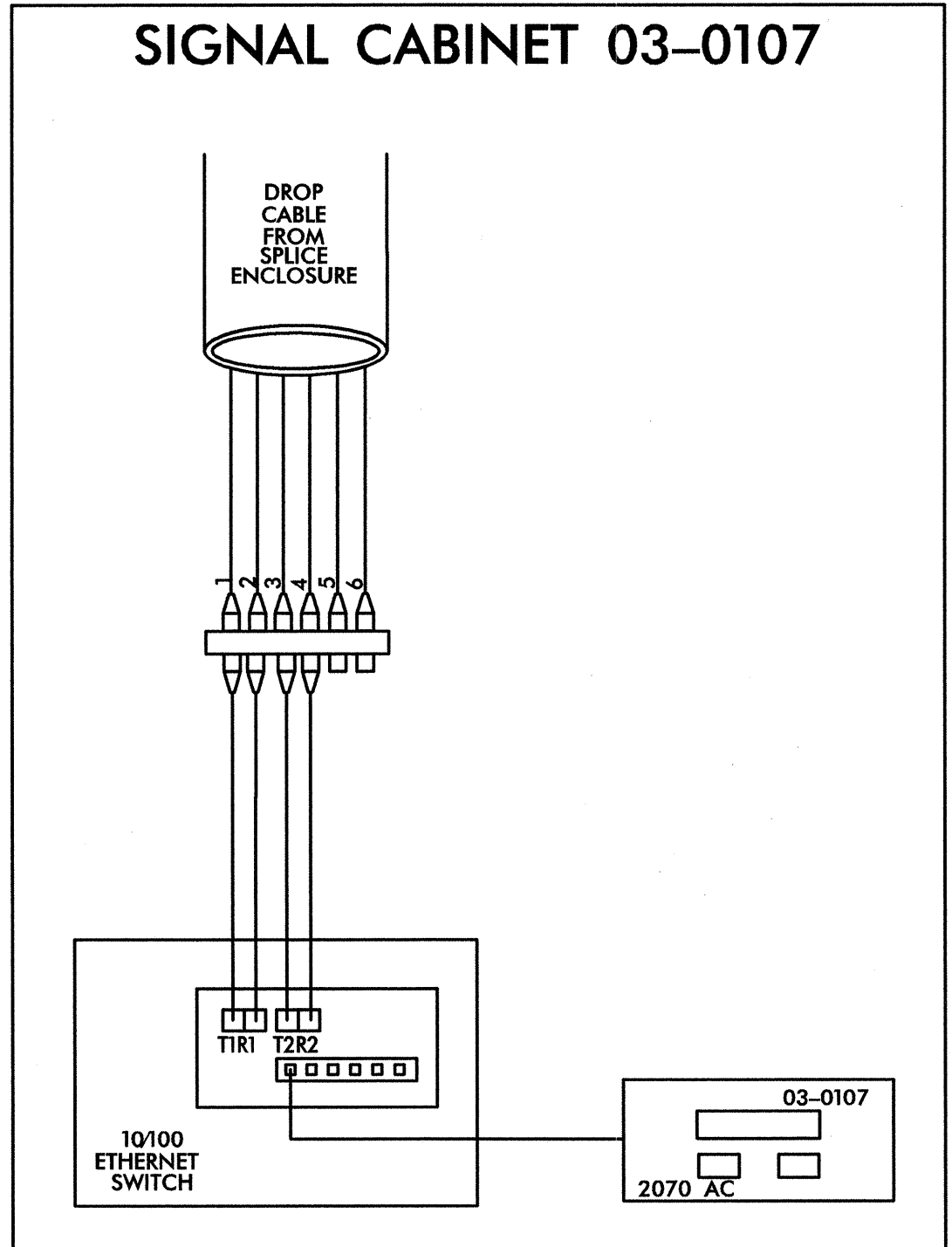
**PROFESSIONAL SEAL**  
NORTH CAROLINA PROFESSIONAL ENGINEER  
SEAL 031558  
M. SMUST MENELOCH

SIGNATURE: [Signature] DATE: 7.20.2011

7/20/2011 \_\SPL\116\Jax\_spl\_090.dgn

**SPLICE ENCLOSURE AT  
NEW RIVER DR  
AND HARGETT ST  
03-0107**

COLOR CODE TIA/EIA 598-A		LEGEND
(1) BLUE	(7) RED	ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(2) ORANGE	(8) BLACK	
(3) GREEN	(9) YELLOW	X - FUSION SPLICE INDIVIDUAL FIBER
(4) BROWN	(10) VIOLET	<span style="border: 1px solid black; padding: 2px;">BUFFER TUBE</span> SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



TRANSCIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

7/20/2011 1:51:30 PM \\splicing\jox\_spl\_091.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

250 N. Greenfield Place, Garner, NC 27529

SCALE  
0  
NONE

<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
GROUP 9	ONslow COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE

SIGNATURE: *M. Smusz* DATE: 7.20.2011



EXISTING SPLICE ENCLOSURE AT LEJEUNE BLVD AND US 17 ON RAMP  
03-0942  
CCTV-19

**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

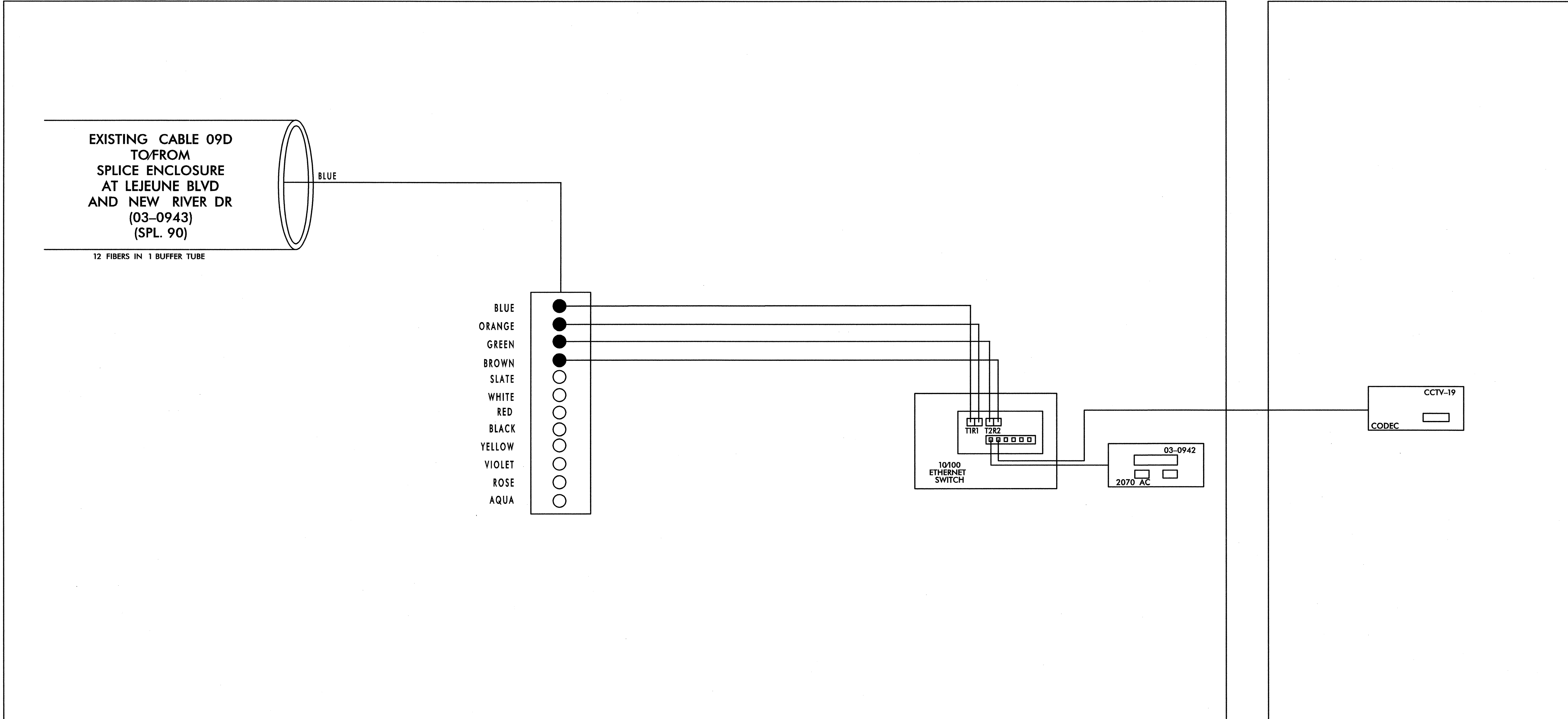
**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

**COLOR CODE**  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

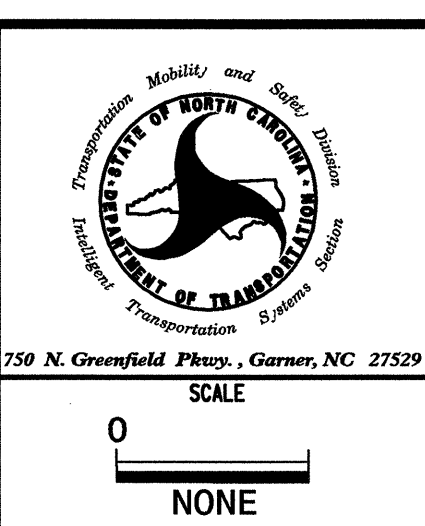
EXISTING SIGNAL CABINET  
03-0942

CCTV CABINET  
CCTV-19



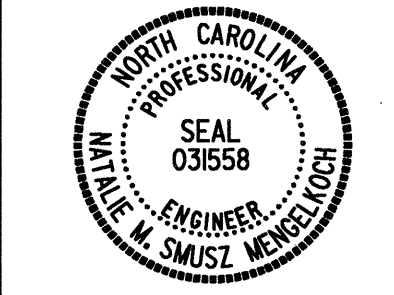
TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

GROUP 9	ONslow COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE



*[Signature]* 7/20/2011  
SIGNATURE DATE

7/20/2011 -SPLACING\jax\_spl\_092.dgn

PROPOSED TOC ON S MARINE BLVD

NOTE: SEE FIBER ALLOCATION TABLES FOR FURTHER INFORMATION

**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

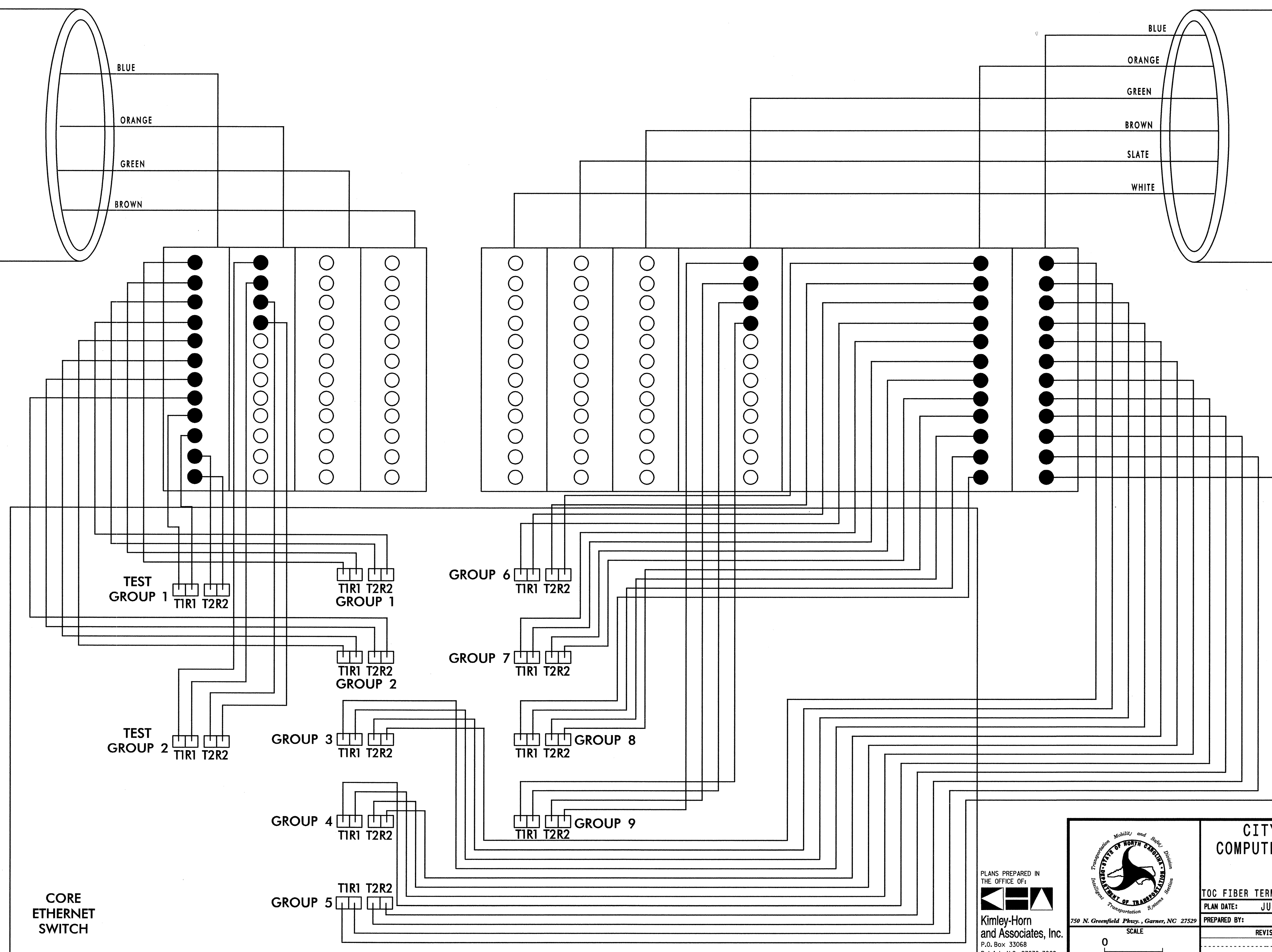
COLOR CODE TIA/EIA 598-A	
(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

CABLE 01E TO/FROM SPLICE ENCLOSURE AT S MARINE BLVD AND COURT ST (03-0114) (SPL. 11)

CABLE 08E TO/FROM SPLICE ENCLOSURE AT S MARINE BLVD AND JOHNSON BLVD (03-0095) (SPL. 83)

48 FIBERS IN 4 BUFFER TUBES

72 FIBERS IN 6 BUFFER TUBES



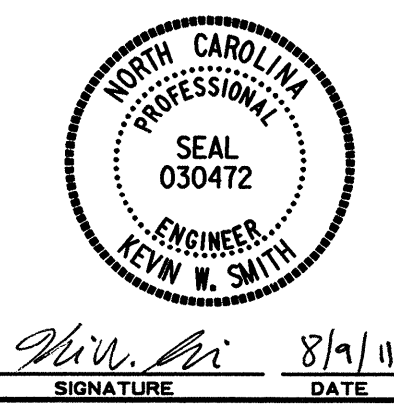
CORE ETHERNET SWITCH

8/9/2011 \\SP1\CMG\ex\_spl\_093.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
 Kimley-Horn and Associates, Inc.  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000



CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM	
TOC FIBER TERMINATIONS	ONSLOW COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE



SCALE  
 0 NONE




CABLE 01E		BUFFER TUBE			
48 FIBERS		BLUE	ORANGE	GREEN	BROWN
FIBER	Blue	GROUP 1	TEST GROUP 2	SPARE	SPARE
	Orange	GROUP 1	TEST GROUP 2	SPARE	SPARE
	Green	GROUP 1	TEST GROUP 2	SPARE	SPARE
	Brown	GROUP 1	TEST GROUP 2	SPARE	SPARE
	Slate	GROUP 2	SPARE	SPARE	SPARE
	White	GROUP 2	SPARE	SPARE	SPARE
	Red	GROUP 2	SPARE	SPARE	SPARE
	Black	GROUP 2	SPARE	SPARE	SPARE
	Yellow	TEST GROUP 1	SPARE	SPARE	SPARE
	Violet	TEST GROUP 1	SPARE	SPARE	SPARE
	Rose	TEST GROUP 1	SPARE	SPARE	SPARE
	Aqua	TEST GROUP 1	SPARE	SPARE	SPARE

CABLE 08E		BUFFER TUBE					
72 FIBERS		BLUE	ORANGE	GREEN	BROWN	SLATE	WHITE
FIBER	Blue	GROUP 3	GROUP 6	GROUP 9	SPARE	SPARE	SPARE
	Orange	GROUP 3	GROUP 6	GROUP 9	SPARE	SPARE	SPARE
	Green	GROUP 3	GROUP 6	GROUP 9	SPARE	SPARE	SPARE
	Brown	GROUP 3	GROUP 6	GROUP 9	SPARE	SPARE	SPARE
	Slate	GROUP 4	GROUP 7	SPARE	SPARE	SPARE	SPARE
	White	GROUP 4	GROUP 7	SPARE	SPARE	SPARE	SPARE
	Red	GROUP 4	GROUP 7	SPARE	SPARE	SPARE	SPARE
	Black	GROUP 4	GROUP 7	SPARE	SPARE	SPARE	SPARE
	Yellow	GROUP 5	GROUP 8	SPARE	SPARE	SPARE	SPARE
	Violet	GROUP 5	GROUP 8	SPARE	SPARE	SPARE	SPARE
	Rose	GROUP 5	GROUP 8	SPARE	SPARE	SPARE	SPARE
	Aqua	GROUP 5	GROUP 8	SPARE	SPARE	SPARE	SPARE

7/20/2011 11:51:00 AM J:\SPlicing\Jox\_spl\_094.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000




750 N. Greenfield Pkwy., Garner, NC 27529  
 SCALE  
 0  
 NONE

**CITY OF JACKSONVILLE  
 COMPUTERIZED SIGNAL SYSTEM  
 SPLICE DIAGRAM**

FIBER ALLOCATION TABLE      ONSLOW COUNTY

PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE



**NATLIE M. SMUSZ**  
 ENGINEER  
 031558

*N. Smusz*      7.20.2011  
 SIGNATURE      DATE



SPLICE ENCLOSURE 1  
ON RICHLANDS HWY  
SOUTH OF PONY FARM RD

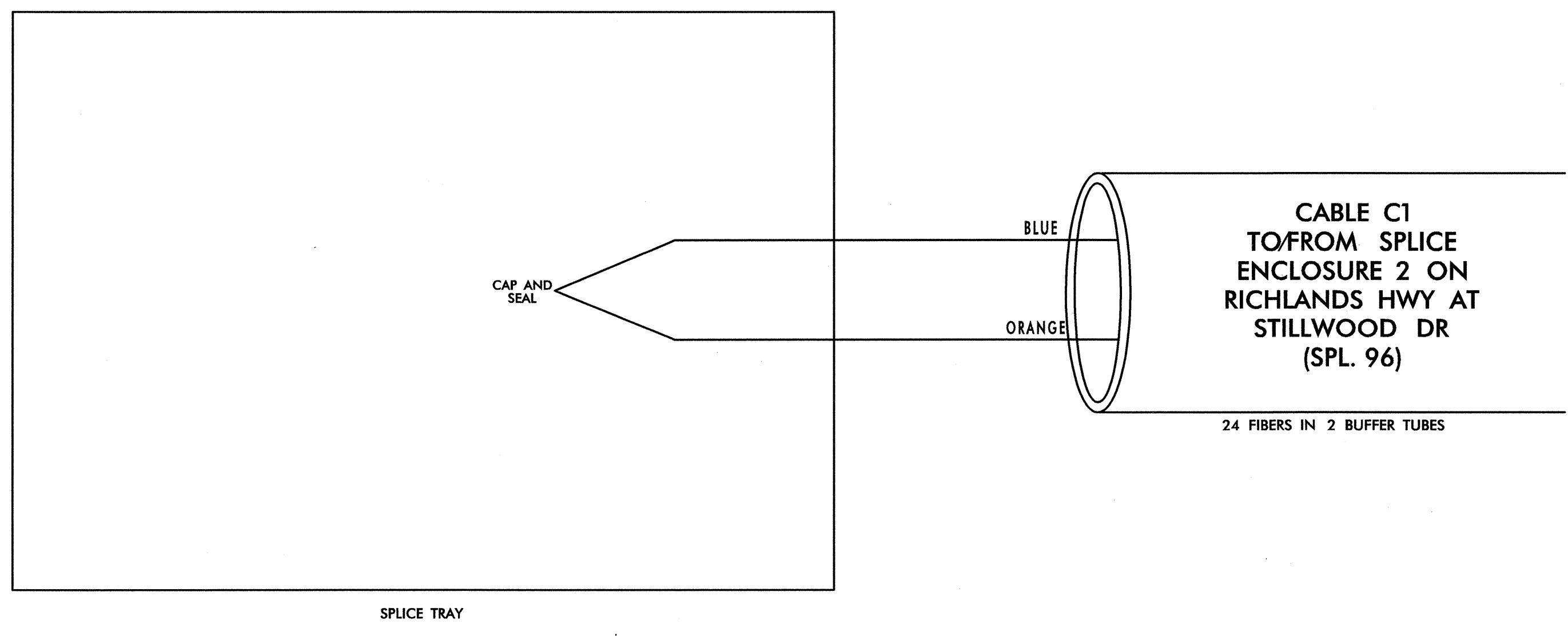
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 11:51:16 AM \jox\_sp\_095.dgn

PLANS PREPARED IN THE OFFICE OF:

**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	CITY	ONSWO COUNTY	
PLAN DATE:	JULY 2011	REVIEWED BY:	
PREPARED BY:		REVIEWED BY:	
SCALE	0	REVISIONS	INIT. DATE
NONE			
		SIGNATURE	DATE
		<i>[Signature]</i>	7-20-2011



SPLICE ENCLOSURE 2  
ON RICHLANDS HWY.  
AT STILLWOOD DR

**LEGEND**

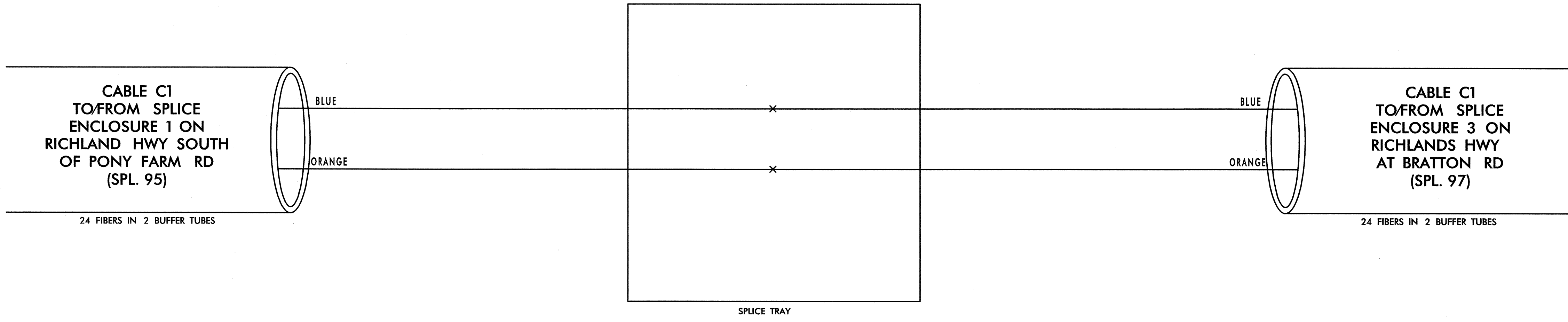
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

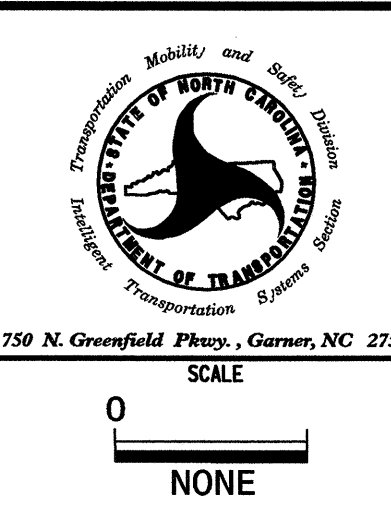
**COLOR CODE**  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA



7/20/2011 1:51:10 PM jax\_spl\_096.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

CITY: \_\_\_\_\_ ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_ REVIEWED BY: \_\_\_\_\_

REVISIONS	INIT.	DATE

SCALE: 0 NONE



SIGNATURE DATE: 7.20.2011

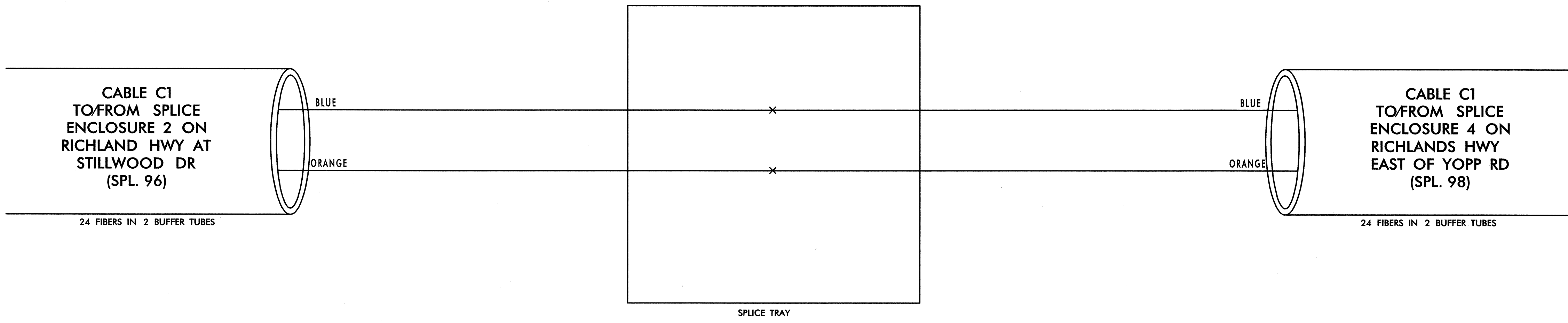
SPLICE ENCLOSURE 3  
ON RICHLANDS HWY  
AT BRATTON RD

**LEGEND**

COLOR CODE TIA/EIA 598-A		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	
(3) GREEN	(9) YELLOW	
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE  
AS NOTED



7/20/2011 11:51:16 AM Jax\_spl\_097.dgn

PLANS PREPARED IN  
THE OFFICE OF:  
  
Kimley-Horn  
and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

 750 N. Greenfield Pkwy., Garner, NC 27529 SCALE 0 NONE	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		 SIGNATURE: <i>M. Smusz</i> DATE: 7/20/11
	CITY	ONSLow COUNTY	
	PLAN DATE: JULY 2011	REVIEWED BY:	
	PREPARED BY:	REVIEWED BY:	
	REVISIONS	INIT.	DATE

**SPLICE ENCLOSURE 4  
ON RICHLANDS HWY  
EAST OF YOPP RD**

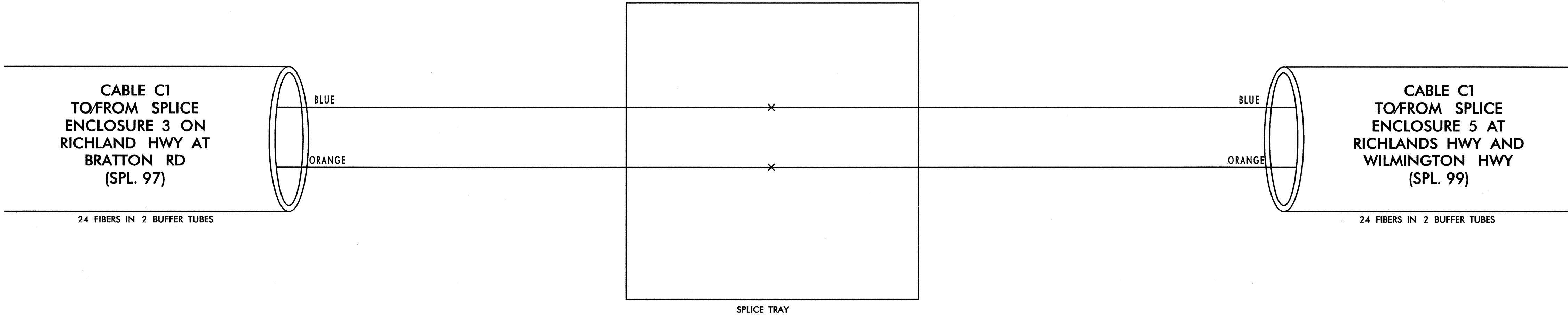
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 1:51:10 PM \\SP\JING\jox\_spl\_098.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

 CITY OF JACKSONVILLE TRANSPORTATION DEPARTMENT 750 N. Greenfield Pkwy., Garner, NC 27529	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		 MATTHEW M. SMUSZ ENGINEER					
	CITY	ONSLOW COUNTY						
	PLAN DATE: JULY 2011	REVIEWED BY:						
	PREPARED BY:	REVIEWED BY:						
SCALE 0 NONE	<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE				SIGNATURE: DATE: 7.20.2011
REVISIONS	INIT.	DATE						

**SPLICE ENCLOSURE 5  
AT RICHLANDS HWY  
AND WILMINGTON HWY**

**LEGEND**

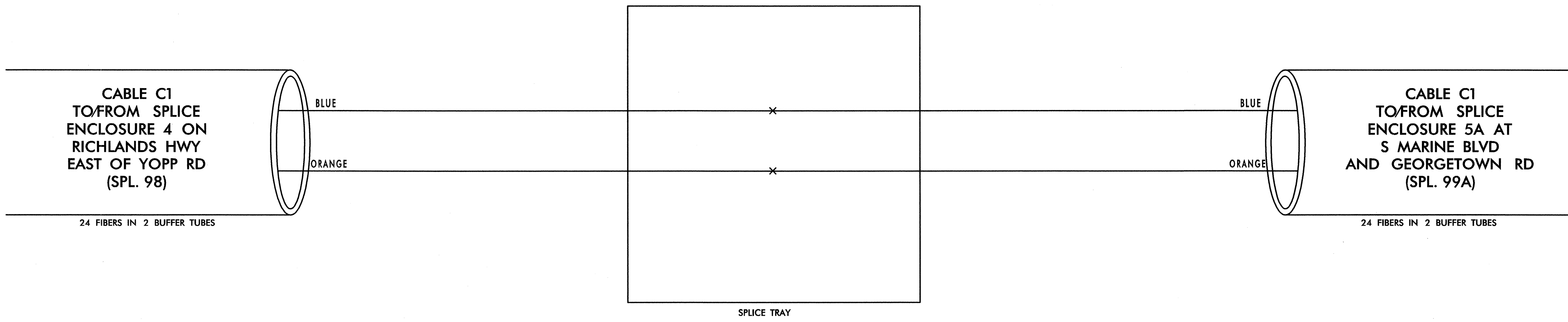
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

**COLOR CODE**  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA



7/20/2011 10:51:00 AM \\splicing\jox\_spl\_099.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

 250 N. Greenfield Pkwy., Garner, NC 27529 SCALE 0 NONE	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		 MATTHEW M. SMUSZ ENGINEER SEAL 031558 NORTH CAROLINA PROFESSIONAL ENGINEER
	CITY: JACKSONVILLE PLAN DATE: JULY 2011 PREPARED BY:	ONSLOW COUNTY REVIEWED BY: REVIEWED BY:	



**SPLICE ENCLOSURE 5A  
AT S MARINE BLVD AND  
GEORGETOWN RD**

**COLOR CODE  
TIA/EIA 598-A**

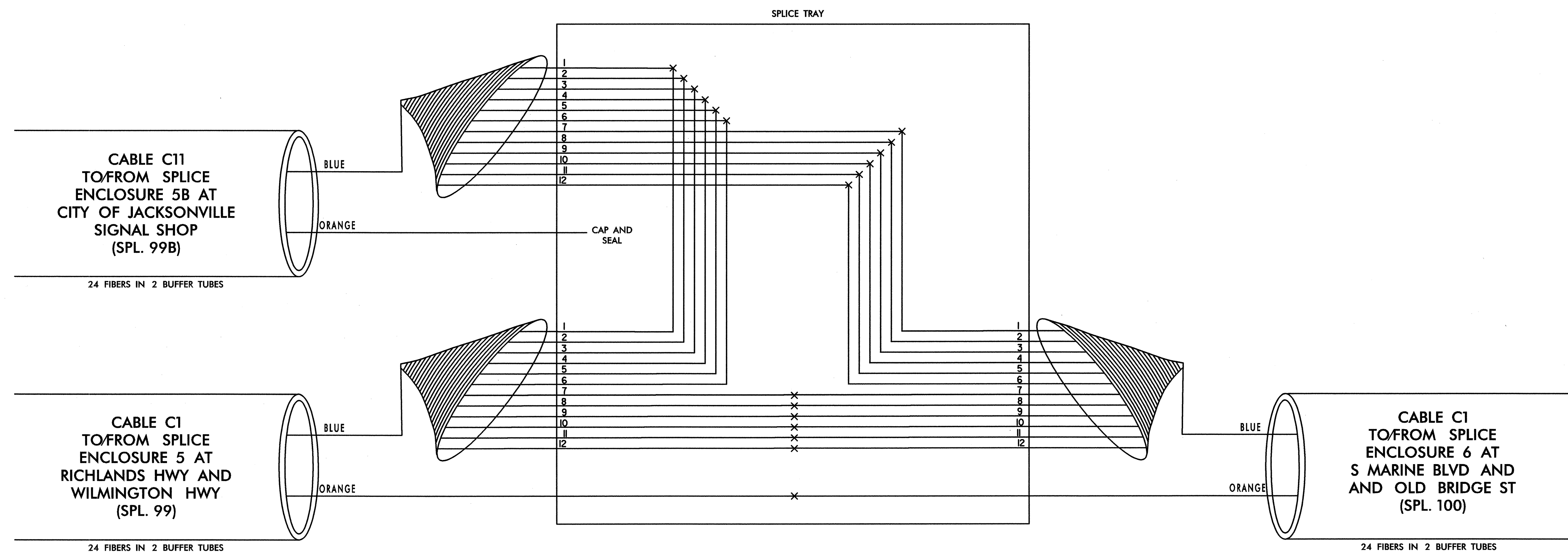
(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING/ENSURING PROPER TERMINATIONS.

PLANS PREPARED IN THE OFFICE OF:

**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

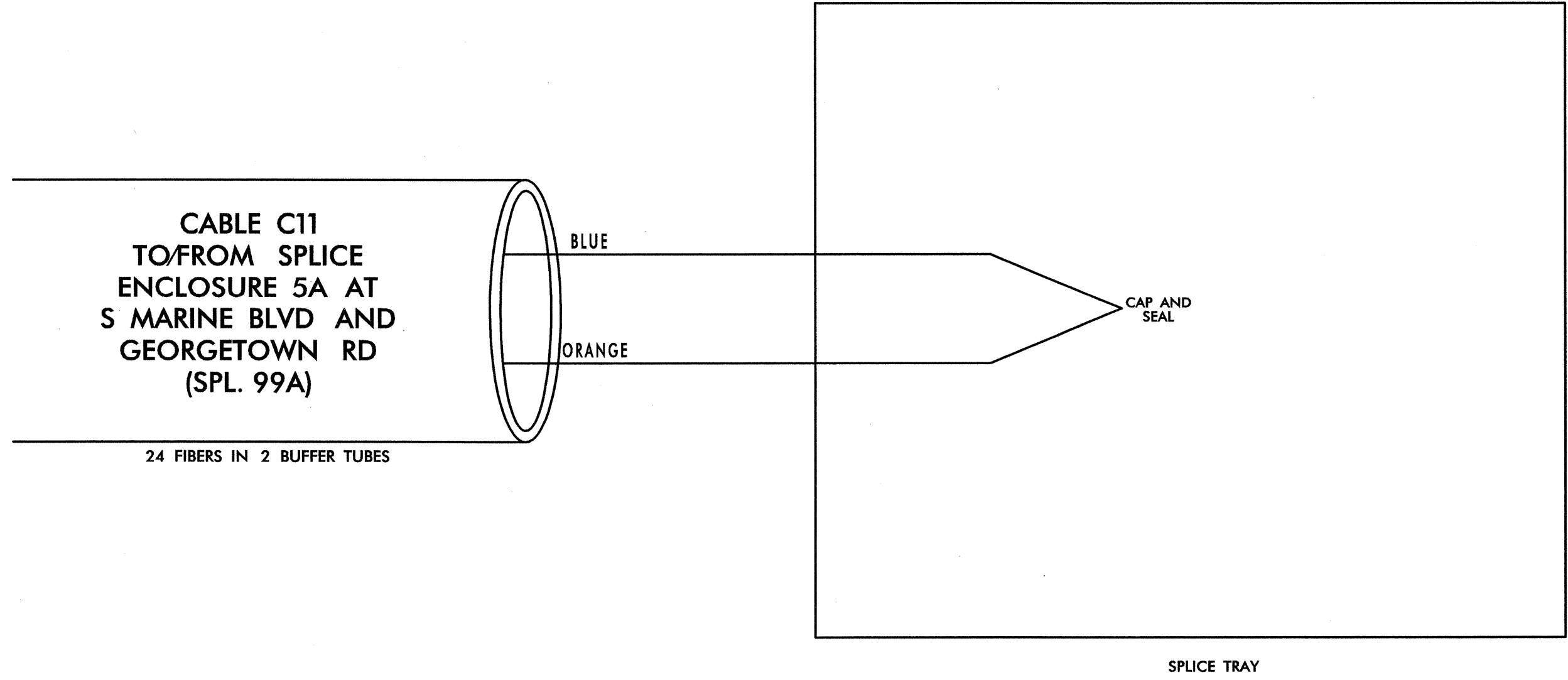
 250 N. Greenfield Place, Garner, NC 27529 SCALE 0 NONE	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	CITY: _____ ONSLOW COUNTY PLAN DATE: JULY 2011 PREPARED BY: _____ REVISIONS: _____ INIT. DATE: _____	REVIEWED BY: _____ REVIEWED BY: _____ SIGNATURE: _____ DATE: 7.20.2011	

7/20/2011 -\SPLICING\jax\_spl\_099A.dgn


**SPLICE ENCLOSURE 5B  
AT CITY OF JACKSONVILLE  
SIGNAL SHOP**

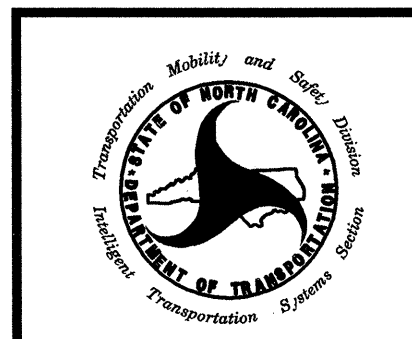
LEGEND

COLOR CODE TIA/EIA 598-A		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	X - FUSION SPLICE INDIVIDUAL FIBER
(3) GREEN	(9) YELLOW	<span style="border: 1px solid black; padding: 2px;">BUFFER TUBE</span> SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



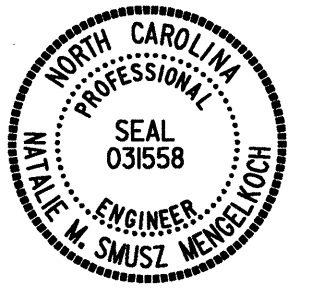
7/20/2011 11:51:30 AM \\splicing\jox\_spl\_099B.dgn


PLANS PREPARED IN  
THE OFFICE OF:  
  
**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000



750 N. Greenfield Place, Garner, NC 27529  
SCALE  
0  
NONE

<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
CITY	ONSLow COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE



 7.20.2011  
SIGNATURE DATE

**SPLICE ENCLOSURE 6  
AT S MARINE BLVD  
AND OLD BRIDGE ST**

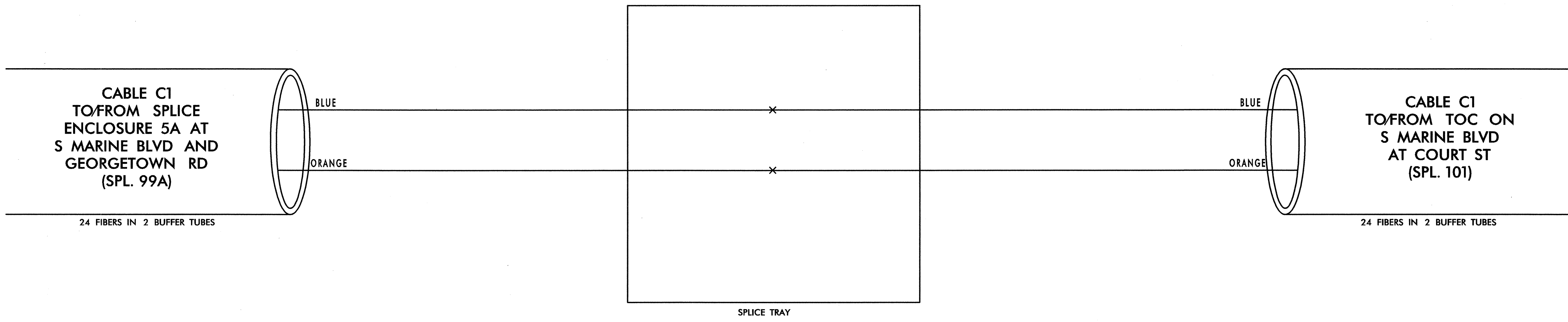
**LEGEND**

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

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



7/20/2011 1:51:36 PM \_SPLACING\jox\_spl\_100.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh N.C. 27636-3068  
 (919) 677-2000

250 N. Greenfield Pkwy., Garner, NC 27529  
 SCALE: 0 NONE

<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
CITY	ONSLOW COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE



*Matthew M. Smusz*  
 SIGNATURE DATE 7/20/2011

TOC ON S MARINE BLVD  
AT COURT ST

**LEGEND**

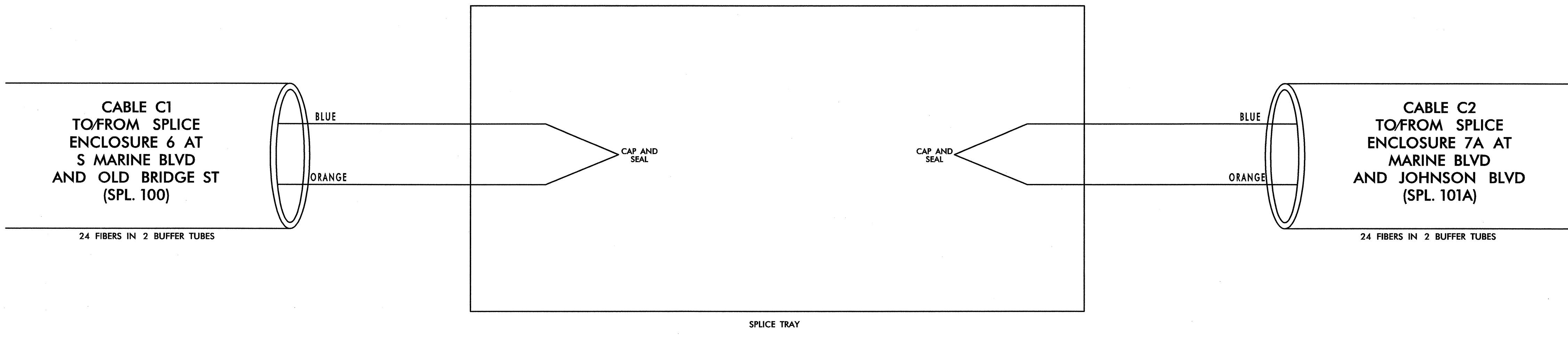
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

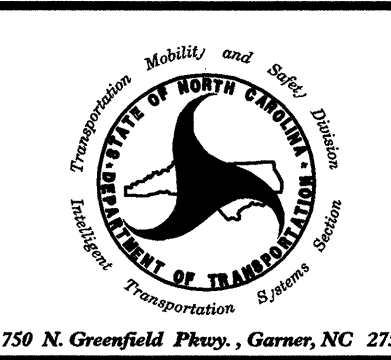
**COLOR CODE**  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA



7/20/2011 11:51:16 AM Jax\_spl\_101.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



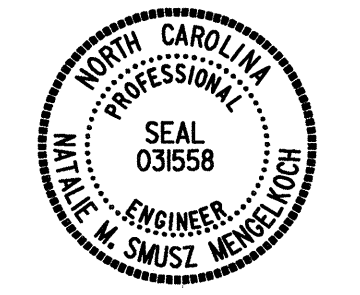
CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM

CITY \_\_\_\_\_ ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_ REVIEWED BY: \_\_\_\_\_

REVISIONS	INIT.	DATE



SIGNATURE DATE 7/20/2011

SCALE  
0  
NONE



**SPLICE ENCLOSURE 7A  
AT MARINE BLVD AND  
JOHNSON BLVD**

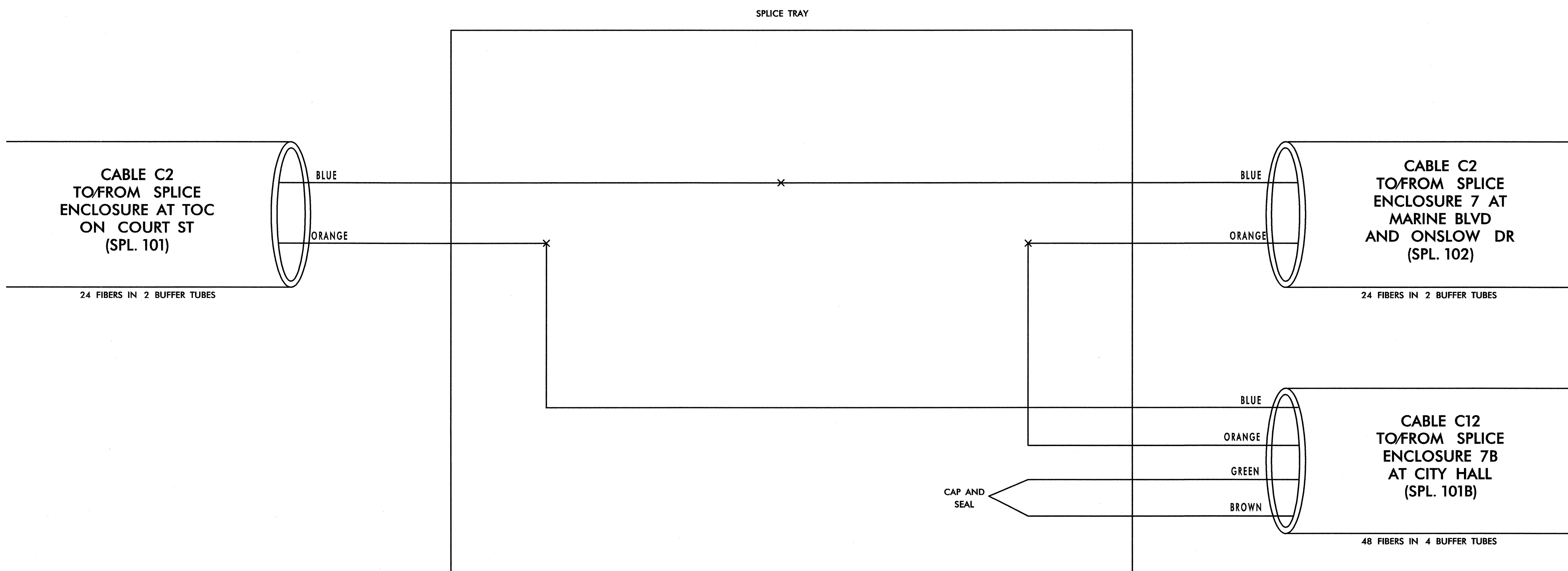
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 -SPLICING\_jax\_spl\_101A.dgn

PLANS PREPARED IN THE OFFICE OF:  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27635-3068  
(919) 677-2000

750 N. Greenfield Place, Garner, NC 27529

SCALE  
0  
NONE

CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM			
CITY	ONSLow COUNTY		
PLAN DATE:	JULY 2011	REVIEWED BY:	
PREPARED BY:		REVIEWED BY:	
REVISIONS	INIT.	DATE	

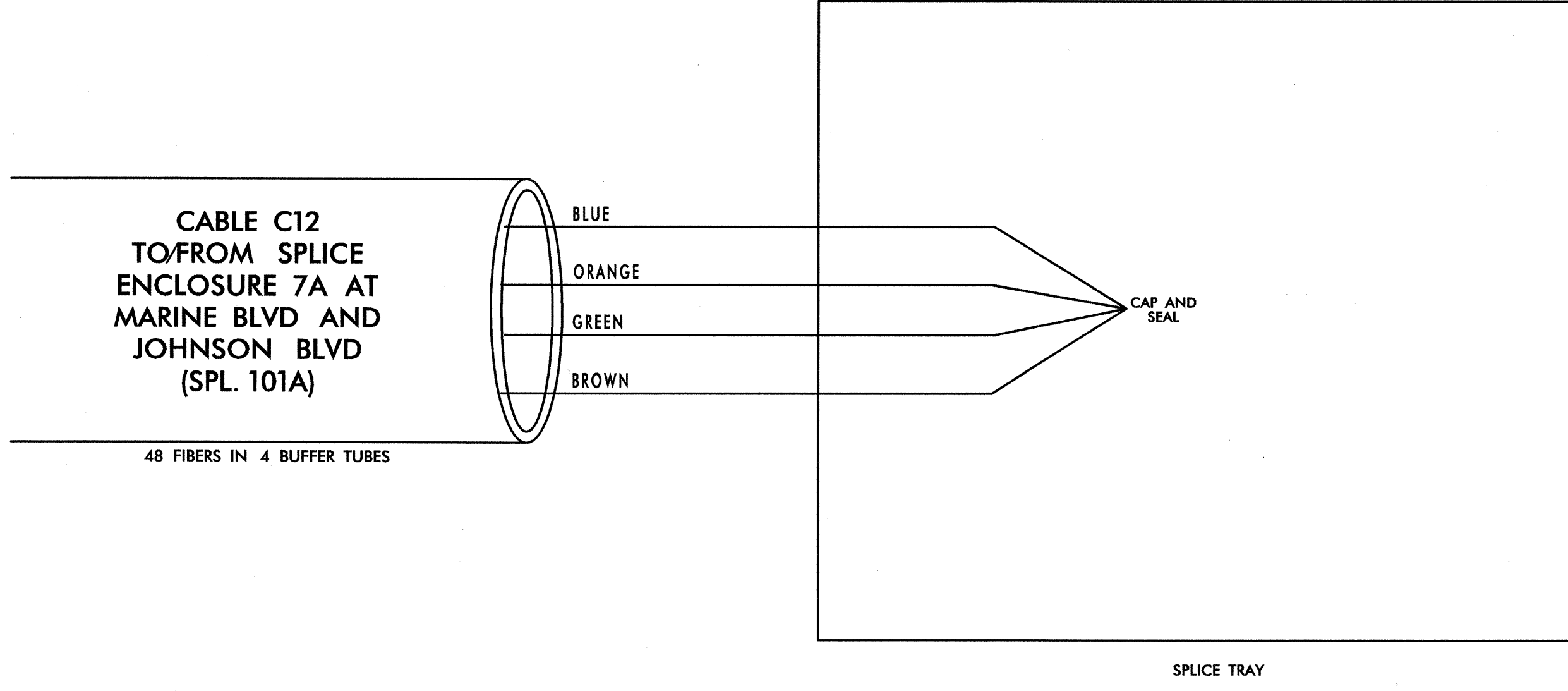
7.20.2011

SIGNATURE DATE


**SPLICE ENCLOSURE 7B  
AT CITY HALL**

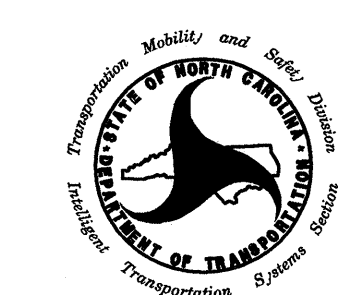
LEGEND

COLOR CODE TIA/EIA 598-A		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	X - FUSION SPLICE INDIVIDUAL FIBER
(3) GREEN	(9) YELLOW	<span style="border: 1px solid black; padding: 2px;">BUFFER TUBE</span> SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



7/20/2011 11:51:16 AM \\jex\_spl\_101B.dgn

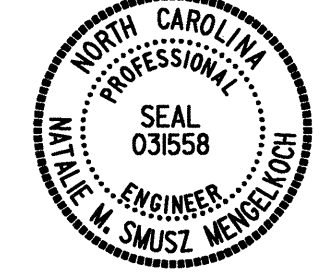
PLANS PREPARED IN  
THE OFFICE OF:  
  
**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000




750 N. Greenfield Pkwy., Garner, NC 27529

SCALE  
0  
NONE

<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
CITY	ONSLow COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE



SIGNATURE:  DATE: 7.20.2011

**SPLICE ENCLOSURE 7  
AT MARINE BLVD  
AND ONSLOW DR**

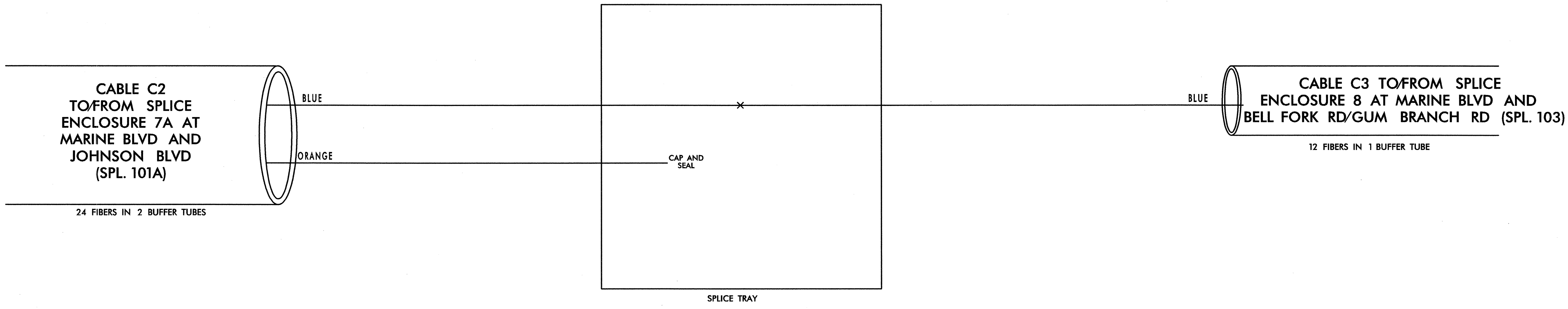
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

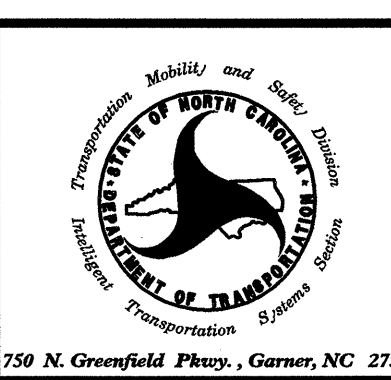
**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011  
SPLICING\jcx\_spl\_102.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



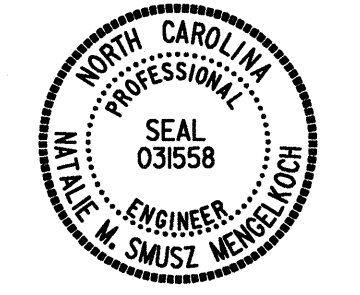
**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

CITY: \_\_\_\_\_ ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_ REVIEWED BY: \_\_\_\_\_

REVISIONS	INIT.	DATE



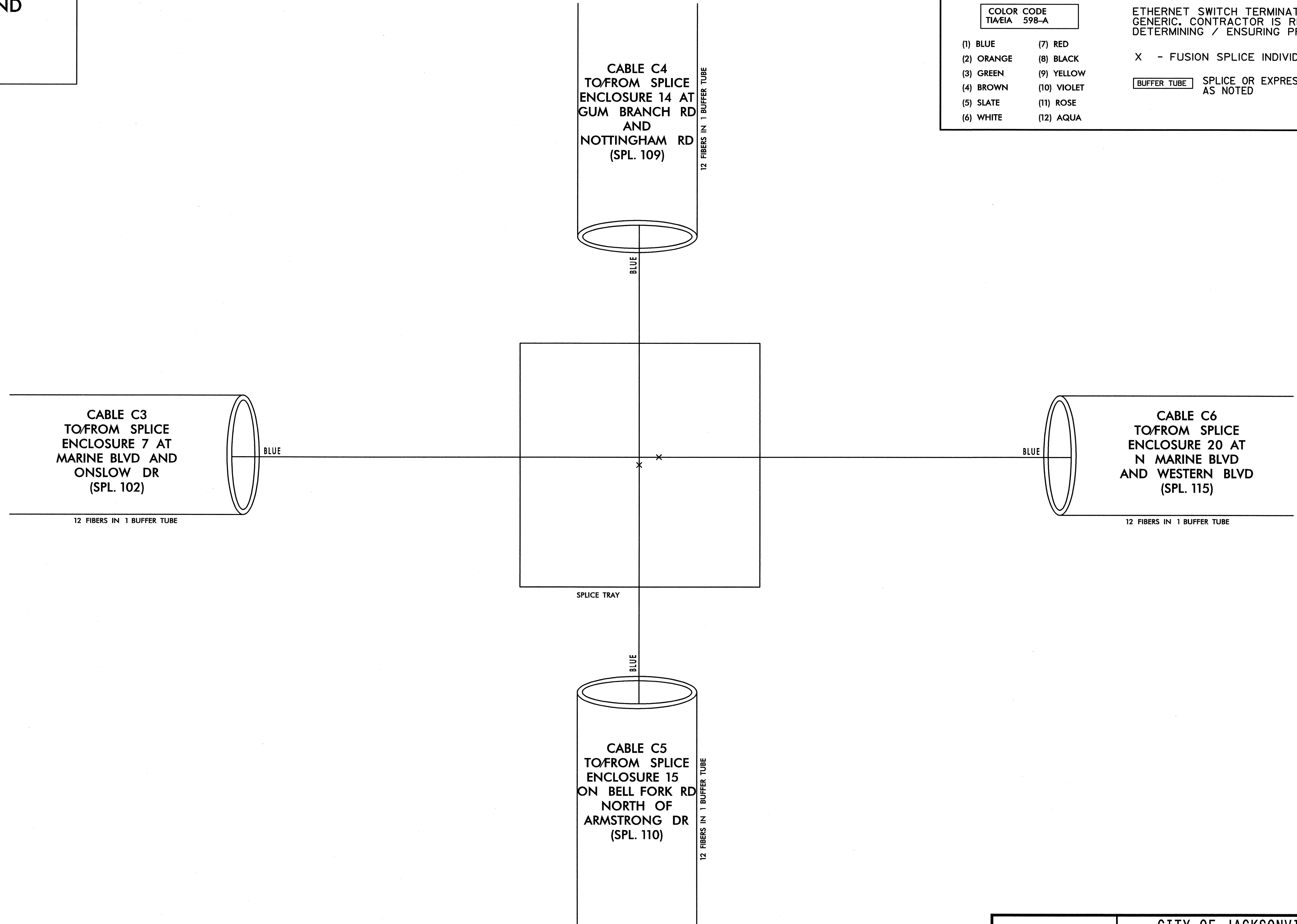
SIGNATURE DATE 7.20.2011

SCALE  
0  
NONE

**SPLICE ENCLOSURE 8  
AT MARINE BLVD AND  
BELL FORK RD/  
GUMBRANCH RD**

**LEGEND**

COLOR CODE TIA/EIA 598-A		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	X - FUSION SPLICE INDIVIDUAL FIBER
(3) GREEN	(9) YELLOW	<b>BUFFER TUBE</b> SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



7/20/2011 1:51:03 PM Jax-spl\_103.dgn

PLANS PREPARED IN  
THE OFFICE OF:  
  
**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 617-2000

750 N. Greenfield Pkwy., Garner, NC 27529  
SCALE  
0  
NONE

<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
CITY	ONSWLOW COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE

W. Smusz  
7.20.2011  
SIGNATURE DATE



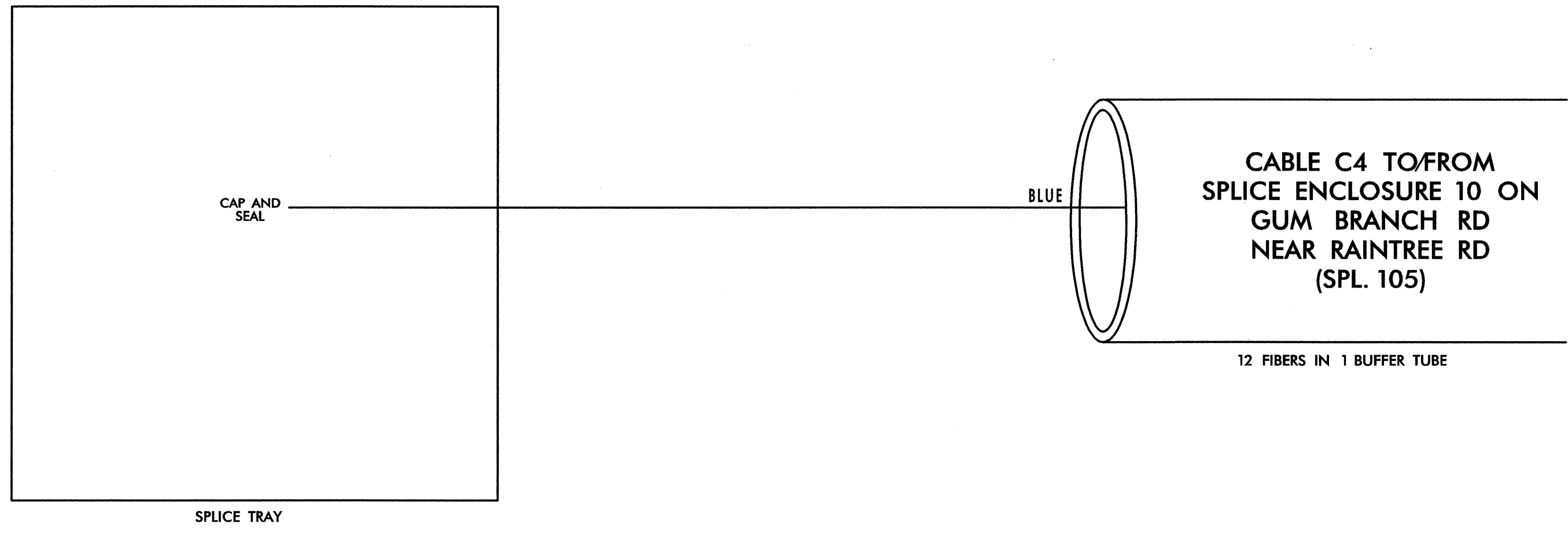
**SPLICE ENCLOSURE 9  
AT GUM BRANCH RD  
AND RAMSEY RD**

LEGEND

<b>COLOR CODE</b> <small>TIA/EIA 598-A</small>		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE (2) ORANGE (3) GREEN (4) BROWN (5) SLATE (6) WHITE	(7) RED (8) BLACK (9) YELLOW (10) VIOLET (11) ROSE (12) AQUA	

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

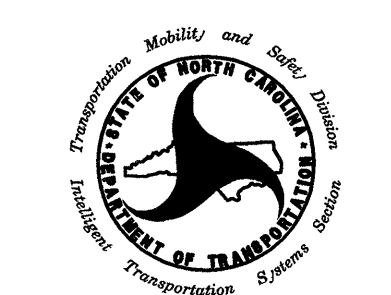


7/20/2011 11:51:10 AM \\jox\_sp\_104.dgn

PLANS PREPARED IN  
THE OFFICE OF:



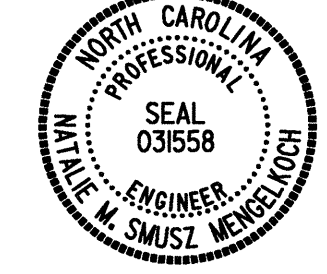
**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



750 N. Greenfield Pkwy., Garner, NC 27529

SCALE  
0  
NONE

<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>			
CITY		ONSLow COUNTY	
PLAN DATE:	JULY 2011	REVIEWED BY:	
PREPARED BY:		REVIEWED BY:	
REVISIONS	INIT.	DATE	



**MATTHEW M. SMUSZ**  
ENGINEER  
SEAL 031558

7.20.2011

SPLICE ENCLOSURE 10  
ON GUM BRANCH RD  
NEAR RAINTREE RD

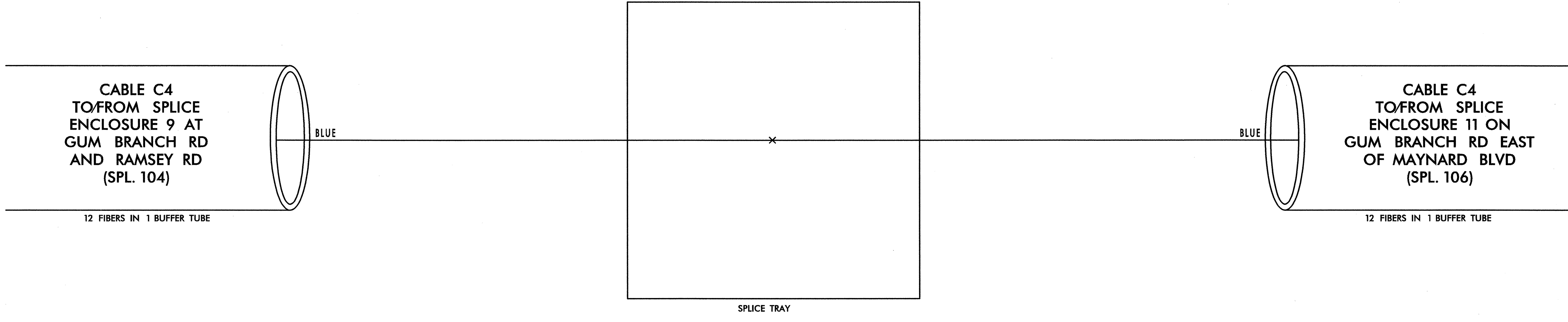
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

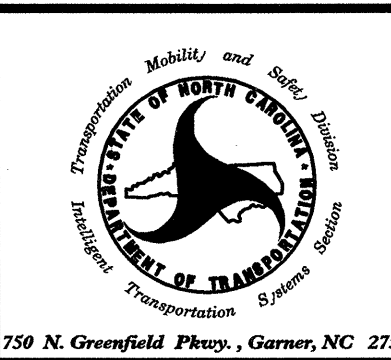
**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 11:51:06 AM \splicing\jox\_spl\_105.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



250 N. Greenfield Pkwy., Garner, NC 27529  
SCALE  
0  
NONE

<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
CITY	ONSLOW COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE



*[Signature]* 7.20.2011  
SIGNATURE DATE

**SPLICE ENCLOSURE 11  
ON GUM BRANCH RD  
EAST OF MAYNARD BLVD**

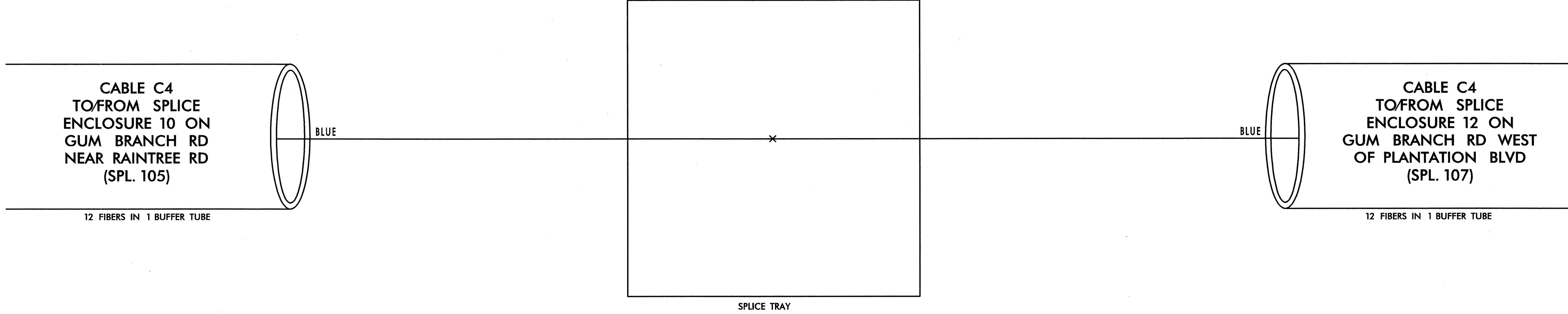
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

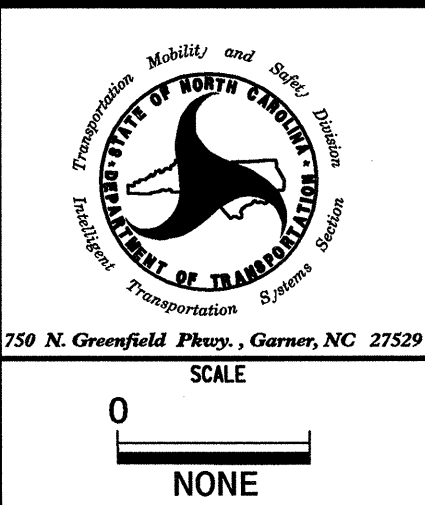
**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 11:51:00 AM \\splicing\jox\_spl\_106.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



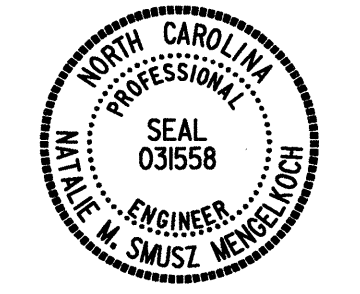
**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

CITY: \_\_\_\_\_ ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_ REVIEWED BY: \_\_\_\_\_

REVISIONS	INIT.	DATE



SIGNATURE DATE 7-20-11

**SPLICE ENCLOSURE 12  
ON GUM BRANCH RD  
WEST OF PLANTATION BLVD**

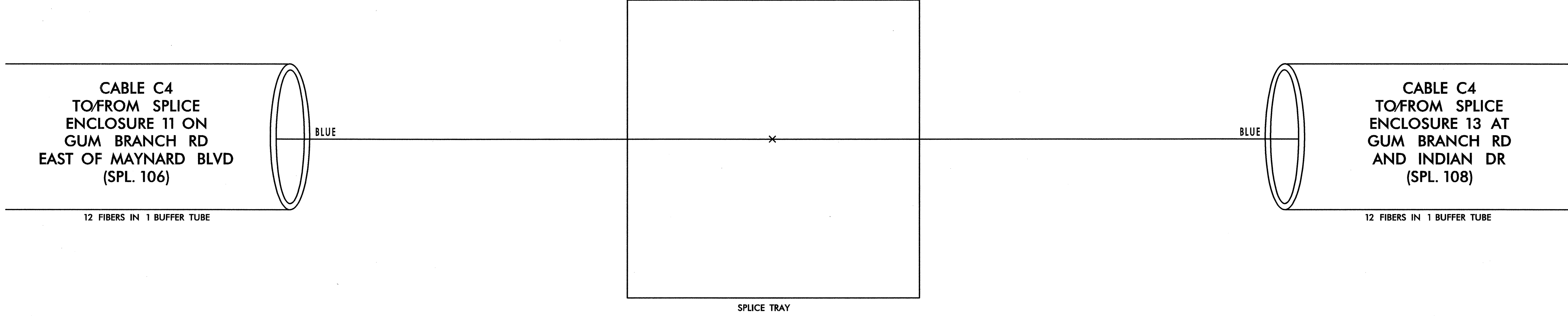
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 11:51:00 AM \\splicing\jox\_spl\_107.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

250 N. Greenfield Pkwy., Garner, NC 27529  
 SCALE  
 0  
 NONE

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

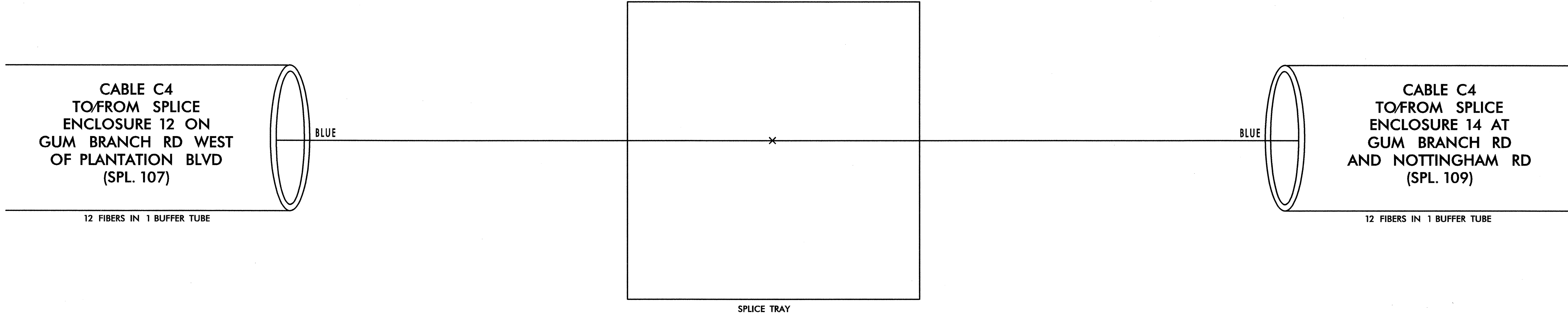
CITY	ONSLOW COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE

M. SMUSZ  
 ENGINEER  
 SEAL  
 031558  
 SIGNATURE DATE 7.20.2011



**SPLICE ENCLOSURE 13  
AT GUM BRANCH RD  
AND INDIAN DR**

<b>COLOR CODE TIA/EIA 598-A</b>		<b>LEGEND</b>  ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.  X - FUSION SPLICE INDIVIDUAL FIBER  <span style="border: 1px solid black; padding: 2px;">BUFFER TUBE</span> SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	
(3) GREEN	(9) YELLOW	
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



7/20/2011 1:51:03 PM \\splicing\jox\_spl\_108.dgn

PLANS PREPARED IN  
THE OFFICE OF:  
  
**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

750 N. Greenfield Pkwy., Garner, NC 27529

<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
CITY	ONslow COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE

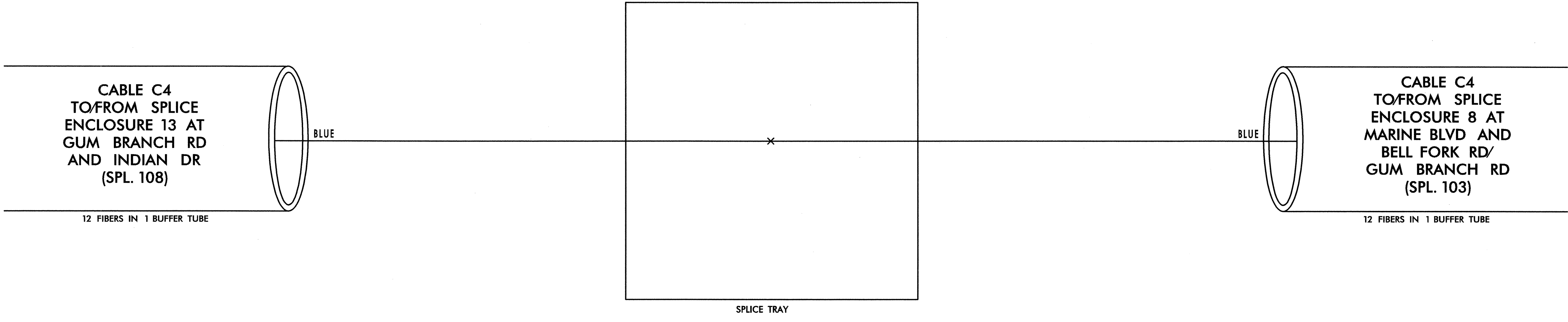
**MATTHEW M. SMUSZ**  
ENGINEER  
7.20.2011

SCALE  
0  
NONE

**SPLICE ENCLOSURE 14  
AT GUM BRANCH RD  
AND NOTTINGHAM RD**

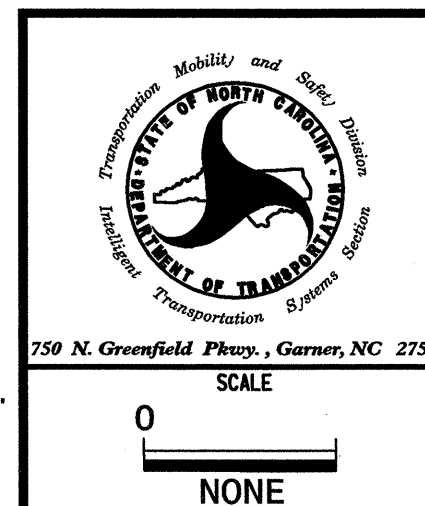
**LEGEND**

COLOR CODE TIA/EIA 598-A		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	X - FUSION SPLICE INDIVIDUAL FIBER
(3) GREEN	(9) YELLOW	[BUFFER TUBE] SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



7/20/2011 11:51:03 AM \_SPLICING\jax\_spl\_109.dgn

PLANS PREPARED IN  
THE OFFICE OF:  
  
**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

CITY \_\_\_\_\_ ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_ REVIEWED BY: \_\_\_\_\_

REVISIONS	INIT.	DATE

SCALE: 0 NONE

SIGNATURE: *M. Smusz* DATE: 7.20.2011

**SPLICE ENCLOSURE 15  
ON BELL FORK RD  
NORTH OF ARMSTRONG DR**

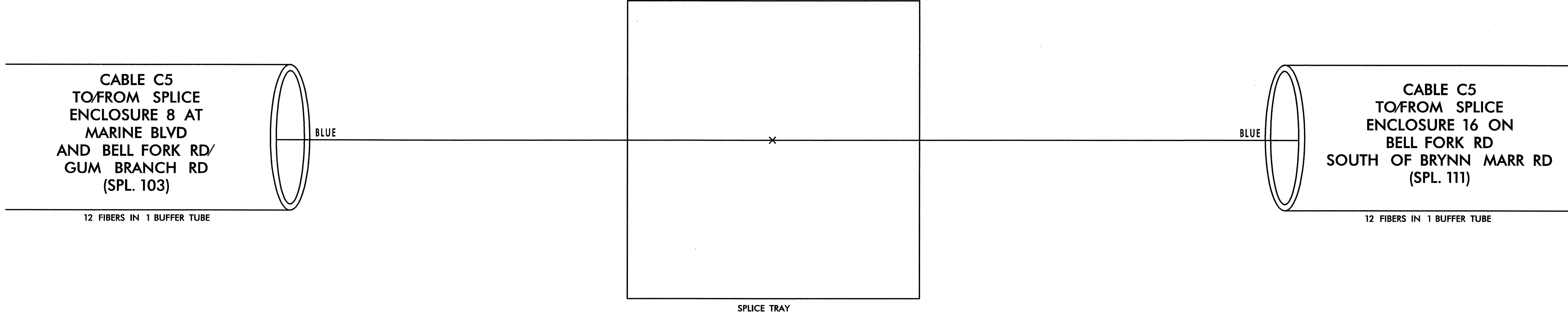
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

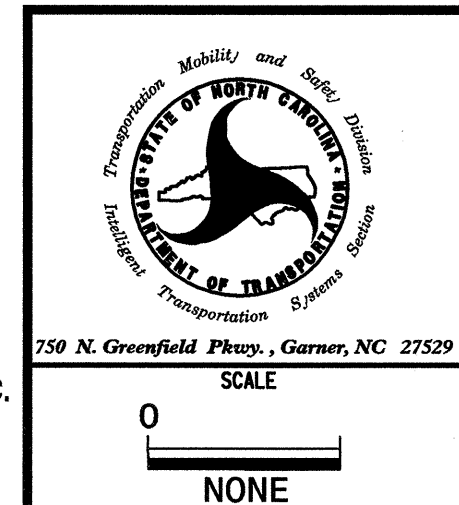
BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 11:51:00 AM \\splicing\jox\_spl\_110.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000



**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

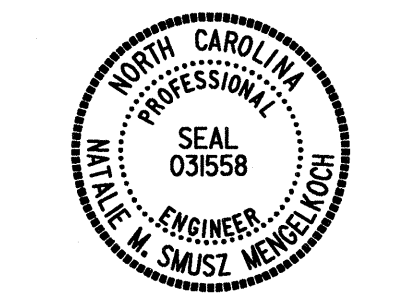
CITY: \_\_\_\_\_ ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_ REVIEWED BY: \_\_\_\_\_

REVISIONS	INIT.	DATE

SCALE: 0 NONE



*[Signature]* 7.20.2011  
 SIGNATURE DATE

**SPLICE ENCLOSURE 16  
ON BELL FORK RD  
SOUTH OF BRYNN MARR RD**

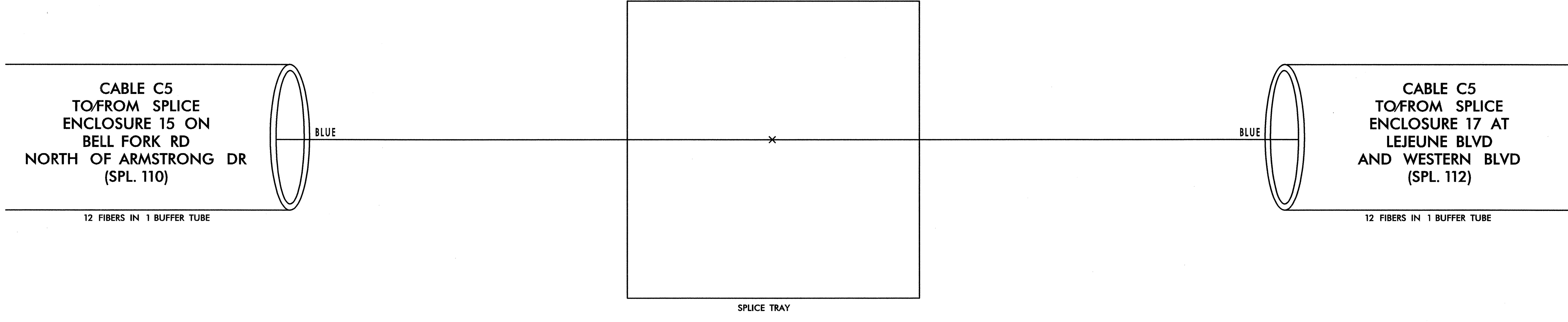
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 1:51:06 PM \\splicing\jox\_sp\_111.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	CITY	ONSLOW COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	REVISIONS	INIT. DATE
PREPARED BY:	REVIEWED BY:		
SCALE 0 NONE			SIGNATURE: <i>M. Smusz</i> DATE: 7.20.2011



**SPLICE ENCLOSURE 17  
AT LEJEUNE BLVD  
AND WESTERN BLVD**

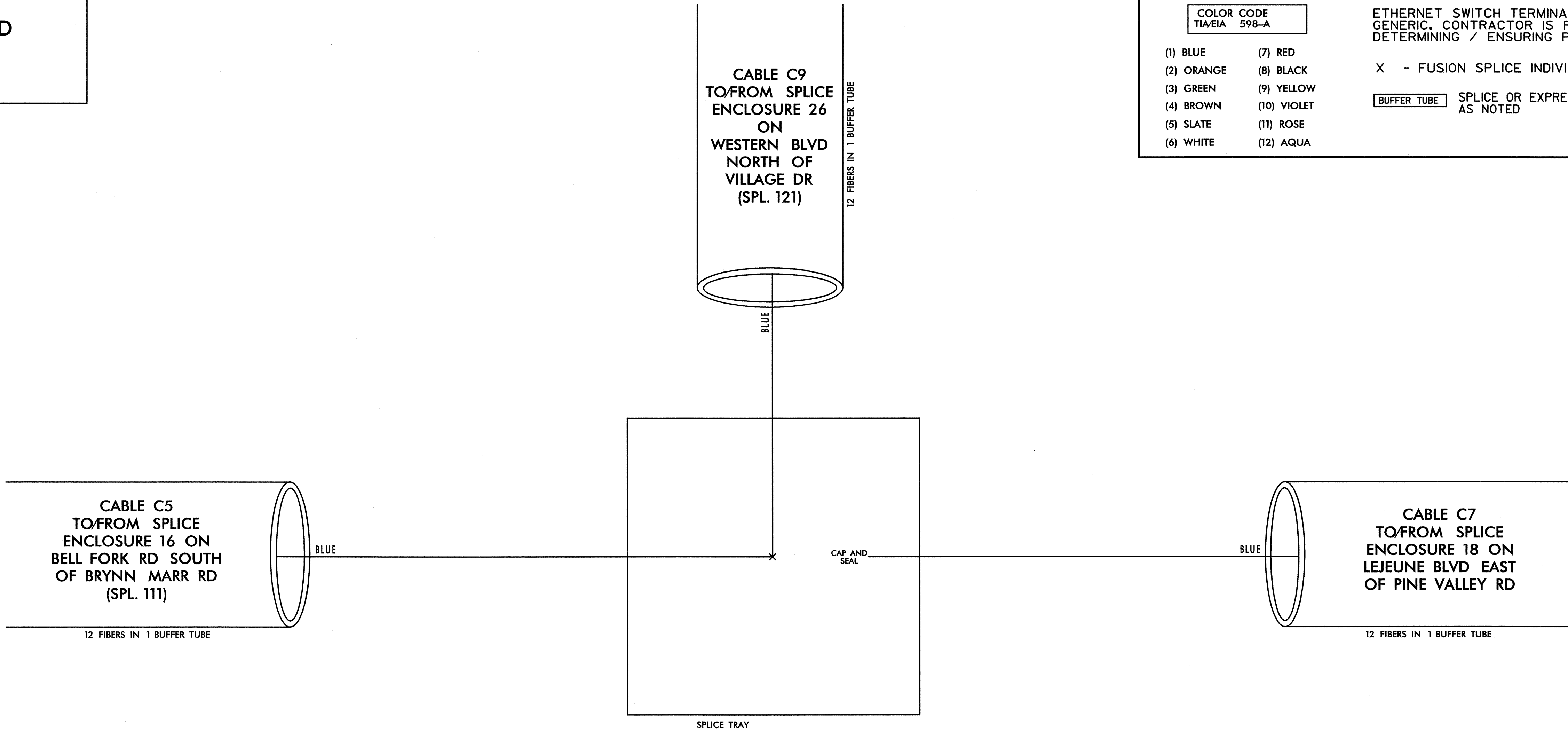
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 -SPLACING Jax\_sp\_112.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh N.C. 27636-3068  
 (919) 677-2000

 750 N. Greenfield Pkwy., Garner, NC 27529	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	CITY: _____ ONSLOW COUNTY PLAN DATE: JULY 2011 PREPARED BY: _____	REVIEWED BY: _____ REVIEWED BY: _____	

SPLICE ENCLOSURE 18  
ON LEJEUNE BLVD  
EAST OF PINE VALLEY RD

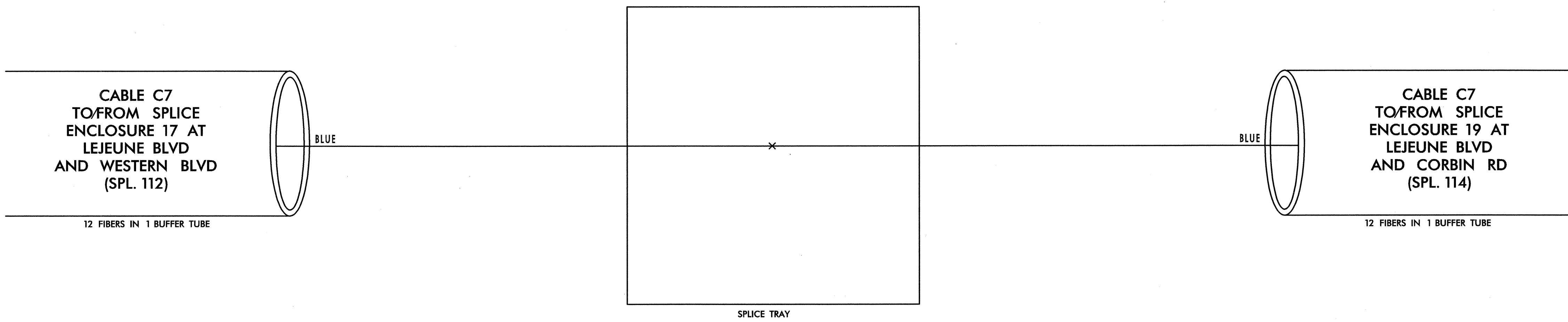
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 11:51:33 AM \\splicing\jox\_sp\_113.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

 250 N. Greenfield Pkwy., Garner, NC 27529	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	CITY: _____ PLAN DATE: JULY 2011 PREPARED BY: _____	ONSLOW COUNTY REVIEWED BY: _____ REVIEWED BY: _____	
SCALE 0 NONE	INIT. DATE _____	SIGNATURE 	DATE 7.20.2011

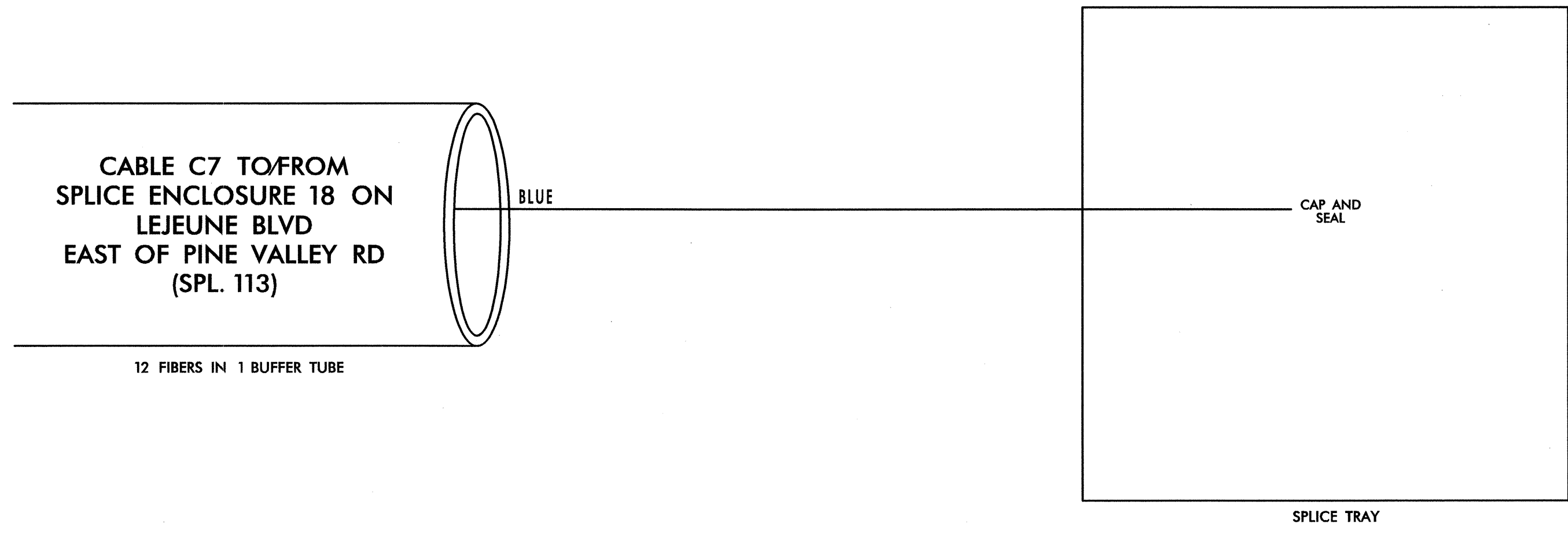
**SPLICE ENCLOSURE 19  
AT LEJEUNE BLVD  
AND CORBIN RD**

LEGEND

<b>COLOR CODE</b> <small>TIA/EIA 598-A</small>		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE (2) ORANGE (3) GREEN (4) BROWN (5) SLATE (6) WHITE	(7) RED (8) BLACK (9) YELLOW (10) VIOLET (11) ROSE (12) AQUA	

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



7/20/2011 11:44:00 AM \\splicing\jcx\_spl\_114.dgn

PLANS PREPARED IN  
THE OFFICE OF:

**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	CITY	ONSLow COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:		
PREPARED BY:	REVISIONS	INIT.	DATE
SCALE 0 NONE			
		SIGNATURE	DATE
		<i>[Signature]</i>	7.20.2011

**SPLICE ENCLOSURE 20  
AT N MARINE BLVD  
AND WESTERN BLVD**

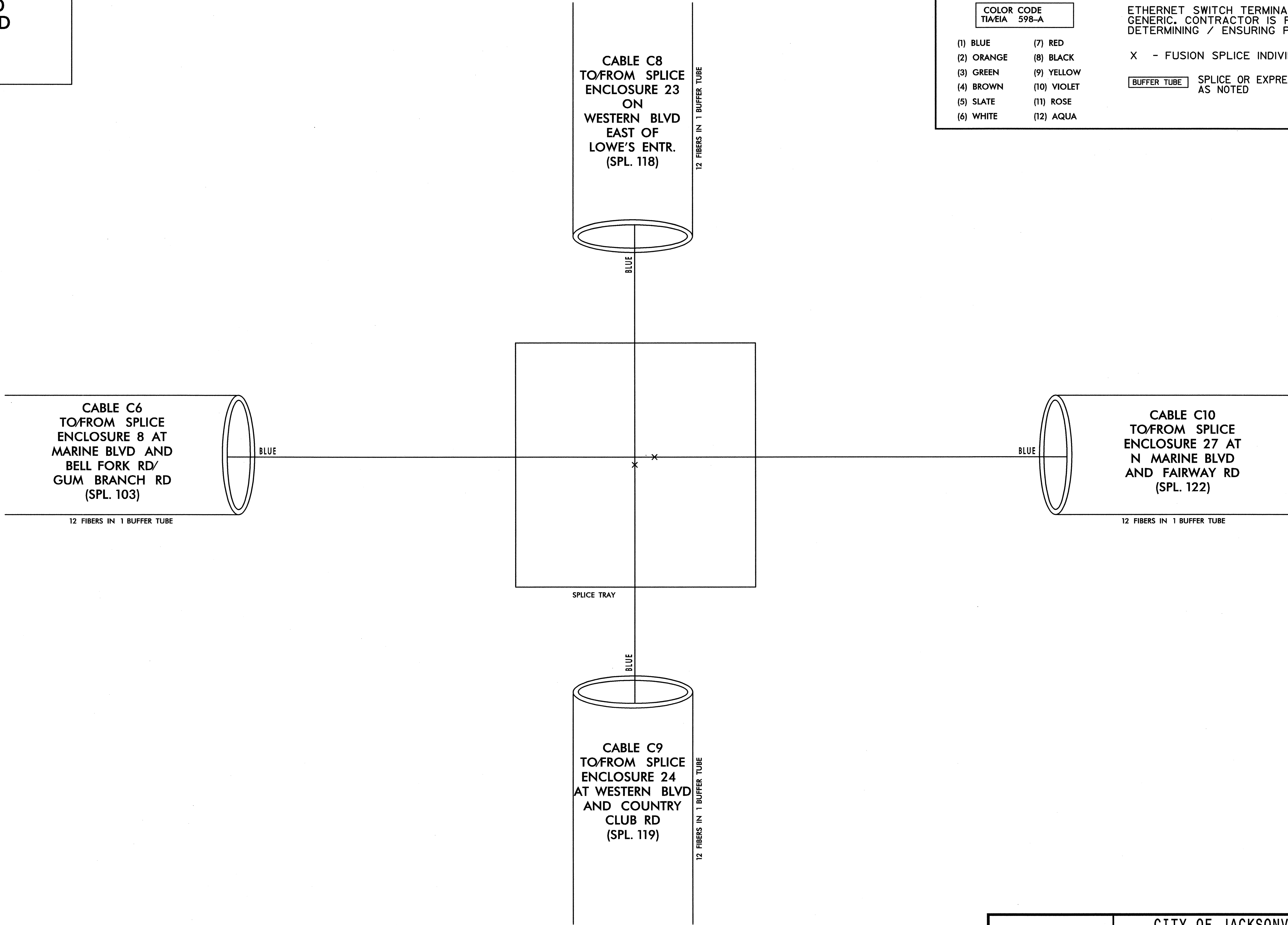
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 11:51:15 AM \\splicing\jox\_sp\_115.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000

	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		
	CITY	ONSLow COUNTY	
PLAN DATE:	JULY 2011	REVIEWED BY:	
PREPARED BY:		REVIEWED BY:	
SCALE	0	REVISIONS	
	NONE	INIT.	DATE
		SIGNATURE	DATE
			7.20.2011



**SPLICE ENCLOSURE 21 AT  
WESTERN BLVD AND  
CAROLINA FOREST BLVD**

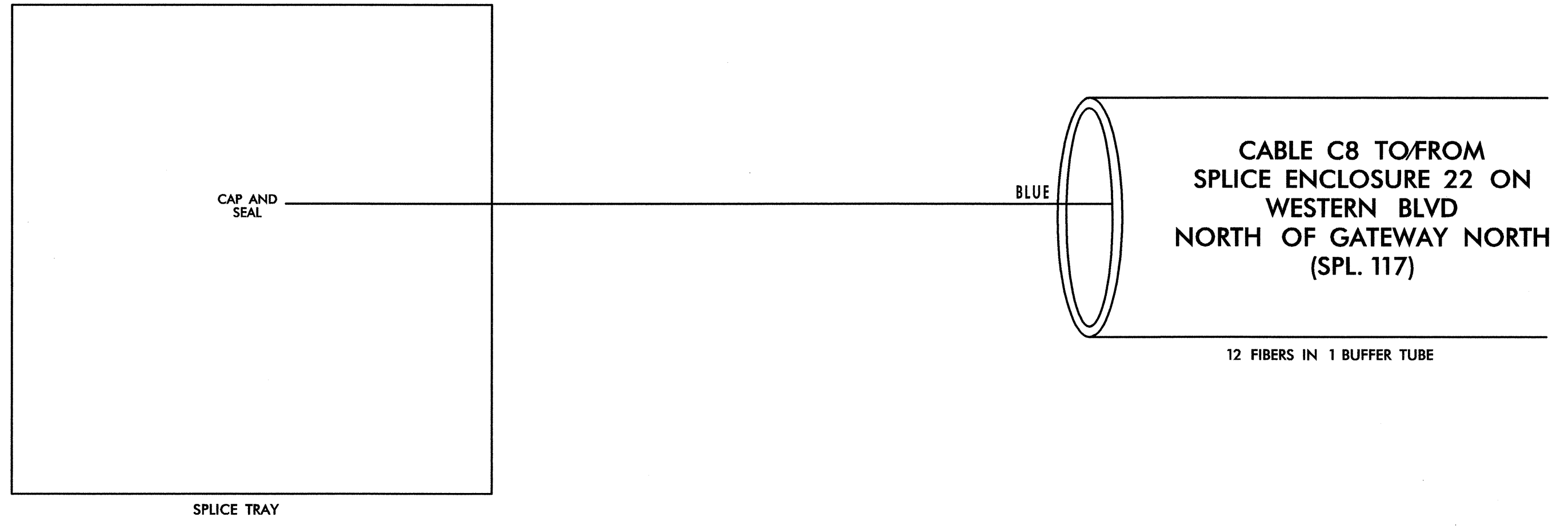
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

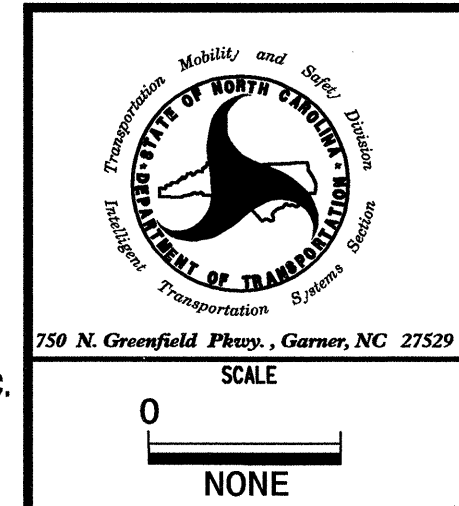
COLOR CODE TIA/EIA 598-A	
(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA



7/20/2011 1:51 PM \\jorax\_spl\_116.dgn

PLANS PREPARED IN THE OFFICE OF:

**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

CITY	ONSNOW COUNTY	
PLAN DATE:	JULY 2011	REVIEWED BY:
PREPARED BY:		REVIEWED BY:
SCALE	0	
	NONE	
REVISIONS	INIT.	DATE



SIGNATURE: *M. Smusz* DATE: 7.20.2011

**SPLICE ENCLOSURE 22  
ON WESTERN BLVD  
NORTH OF GATEWAY NORTH**

**LEGEND**

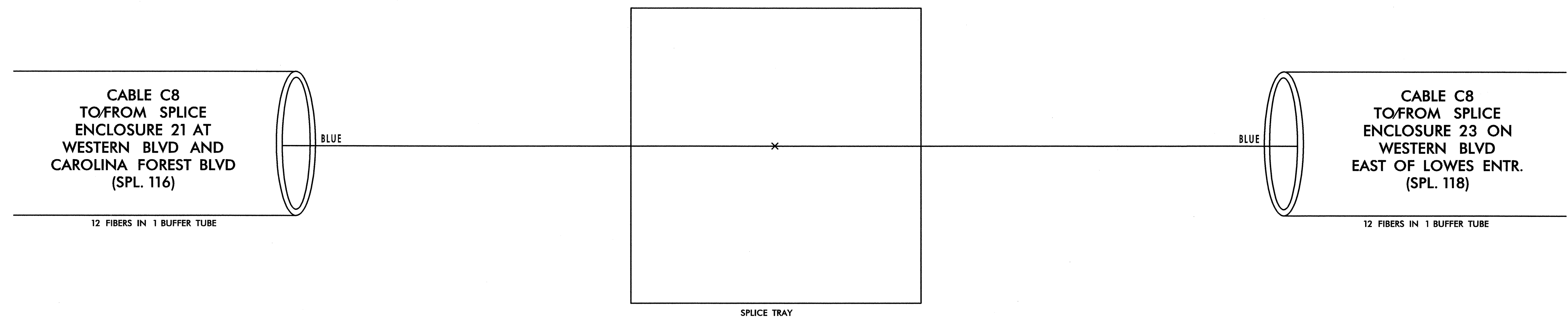
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

**COLOR CODE**  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA



7/20/2011  
\\SPJ\CMG\ex\_spl\_117.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

 STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION 750 N. Greenfield Pkwy., Garner, NC 27529	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		 NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 031558 M. SMUZ MENELICH
	CITY: _____ ONSLOW COUNTY	PLAN DATE: JULY 2011	
SCALE: 0 NONE	PREPARED BY: _____	REVIEWED BY: _____	SIGNATURE: _____ DATE: 7.20.2011

**SPLICE ENCLOSURE 23  
ON WESTERN BLVD  
EAST OF LOWES ENTR.**

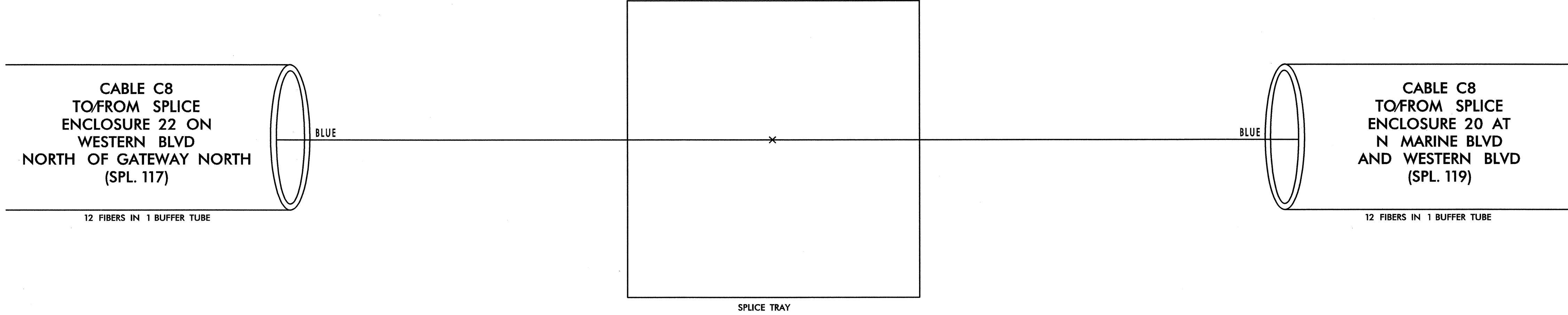
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 -SPLACING\jcx\_spl\_118.dgn

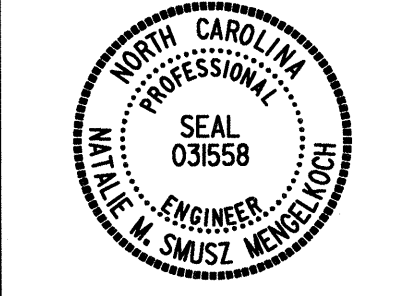
PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh N.C. 27636-3068  
 (919) 677-2000

250 N. Greenfield Place, Garner, NC 27529

SCALE  
 0  
 NONE

**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

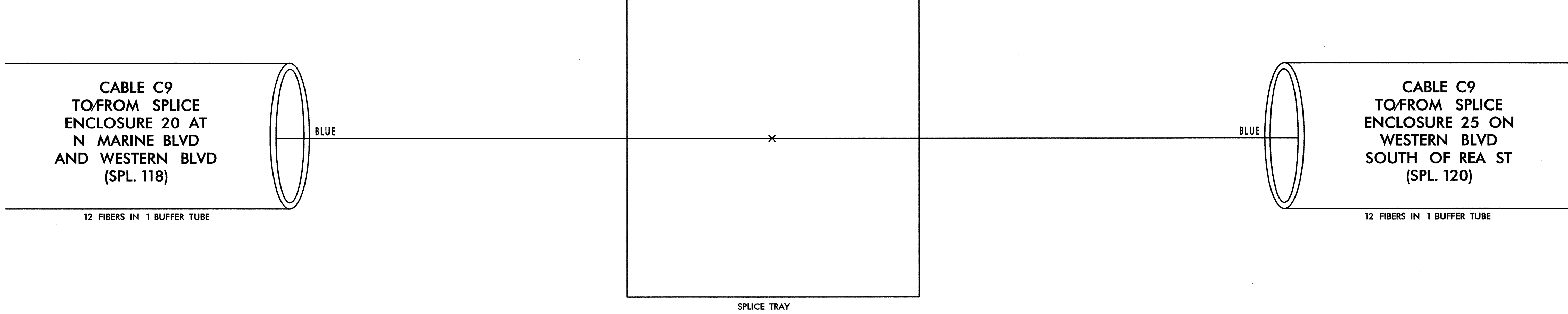
CITY		ONSWLOW COUNTY	
PLAN DATE:	JULY 2011	REVIEWED BY:	
PREPARED BY:		REVIEWED BY:	
REVISIONS	INIT.	DATE	



SIGNATURE: *[Signature]* DATE: 7.20.2011

**SPLICE ENCLOSURE 24  
AT WESTERN BLVD  
AND COUNTRY CLUB RD**

<b>COLOR CODE TIA/EIA 598-A</b>		<b>LEGEND</b>  ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.  X - FUSION SPLICE INDIVIDUAL FIBER  <span style="border: 1px solid black; padding: 2px;">BUFFER TUBE</span> SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	
(3) GREEN	(9) YELLOW	
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



7/20/2011 11:51:16 AM \\splicing\jox\_sp\_119.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

750 N. Greenfield Pkwy., Garner, NC 27529

SCALE  
0  
NONE

<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
CITY	ONslow COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE

7-20-2011  
SIGNATURE DATE

SPLICE ENCLOSURE 25  
ON WESTERN BLVD  
SOUTH OF REA ST

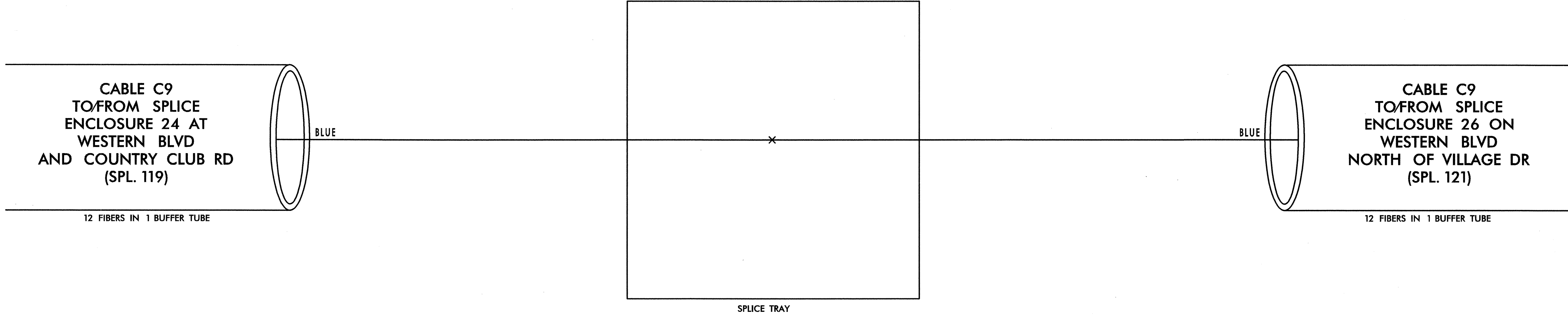
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

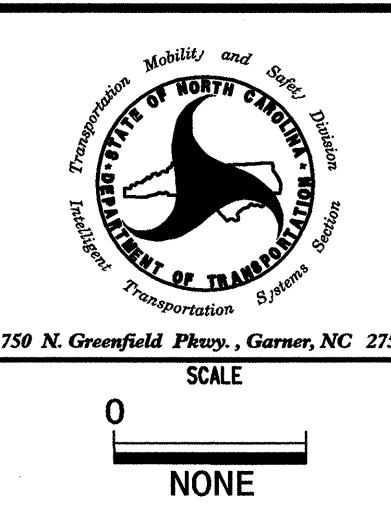
BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 12:51:10 PM \\jcs-sp\_120.dgn

PLANS PREPARED IN  
THE OFFICE OF:  
  
**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

CITY \_\_\_\_\_ ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_ REVIEWED BY: \_\_\_\_\_

REVISIONS	INIT.	DATE

SCALE  
0  
NONE



*M. Smusz*  
SIGNATURE DATE 7.20.2011



**SPLICE ENCLOSURE 26  
ON WESTERN BLVD  
NORTH OF VILLAGE DR**

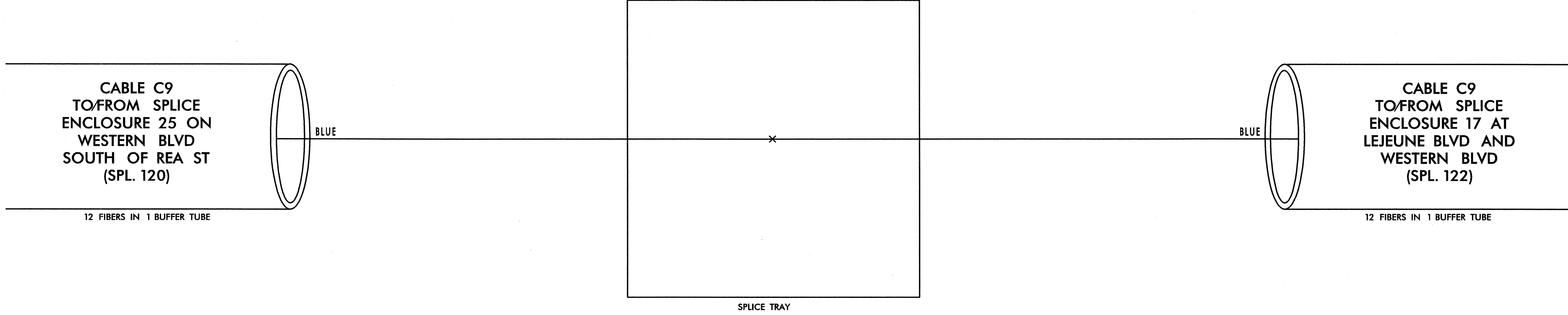
**LEGEND**

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

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

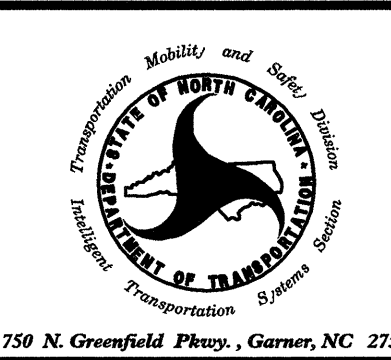
X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



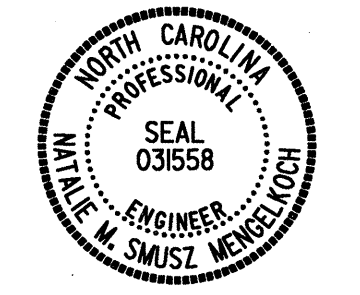
7/20/2011 11:51:10 AM \\splicing\jcx\_spl\_121.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

CITY	ONslow COUNTY	
PLAN DATE: JULY 2011	REVIEWED BY:	
PREPARED BY:	REVIEWED BY:	
REVISIONS	INIT.	DATE



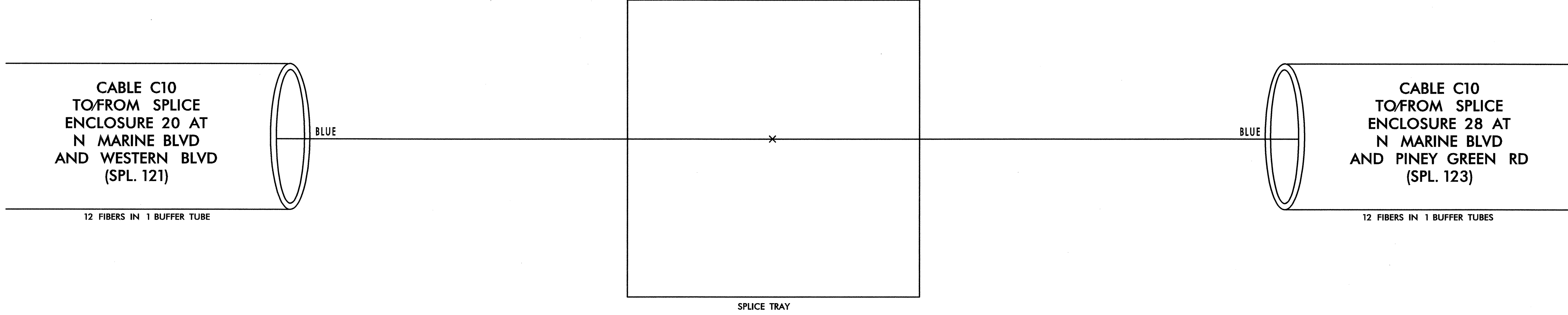
*M. Smusz* 7/20/2011  
SIGNATURE DATE

SCALE  
0  
NONE

**SPLICE ENCLOSURE 27  
ON N MARINE BLVD  
AND FAIRWAY RD**

**LEGEND**

COLOR CODE TIA/EIA 598-A		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	X - FUSION SPLICE INDIVIDUAL FIBER
(3) GREEN	(9) YELLOW	[BUFFER TUBE] SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	



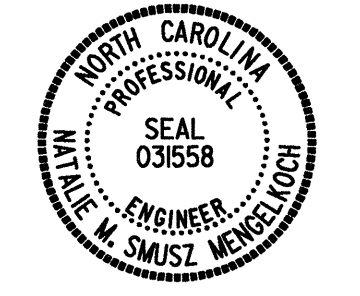
7/20/2011  
-:\SPlicing\jax\_spl\_122.dgn

PLANS PREPARED IN  
THE OFFICE OF:  
  
**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh N.C. 27636-3068  
(919) 677-2000



750 N. Greenfield Pkwy., Garner, NC 27529  
SCALE  
0  
NONE

<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>			
CITY		ONSLow COUNTY	
PLAN DATE:	JULY 2011	REVIEWED BY:	
PREPARED BY:		REVIEWED BY:	
REVISIONS	INIT.	DATE	



*[Signature]*  
SIGNATURE DATE 7.20.2011

**SPLICE ENCLOSURE 28  
ON N MARINE BLVD  
AND PINEY GREEN RD**

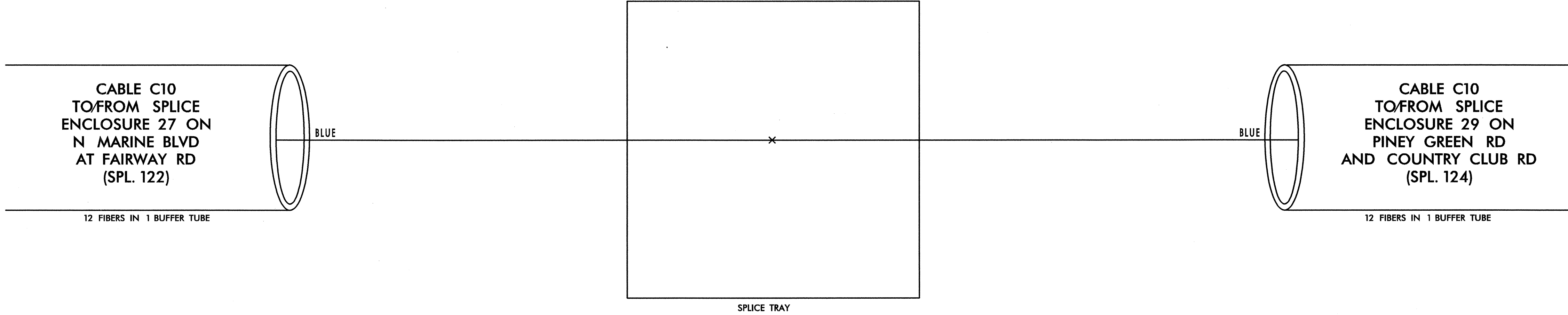
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 -SPLICING\jcx\_spl\_123.dgn

PLANS PREPARED IN THE OFFICE OF:

**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
750 N. Greenfield Pkwy., Garner, NC 27529

<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
CITY	ONslow COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE

**SEAL**  
031558  
ENGINEER  
M. SMUSZ

SIGNATURE: *[Signature]* DATE: 7.20.11

SCALE  
0  
NONE

**SPLICE ENCLOSURE 29  
ON PINEY GREEN RD  
AND COUNTRY CLUB RD**

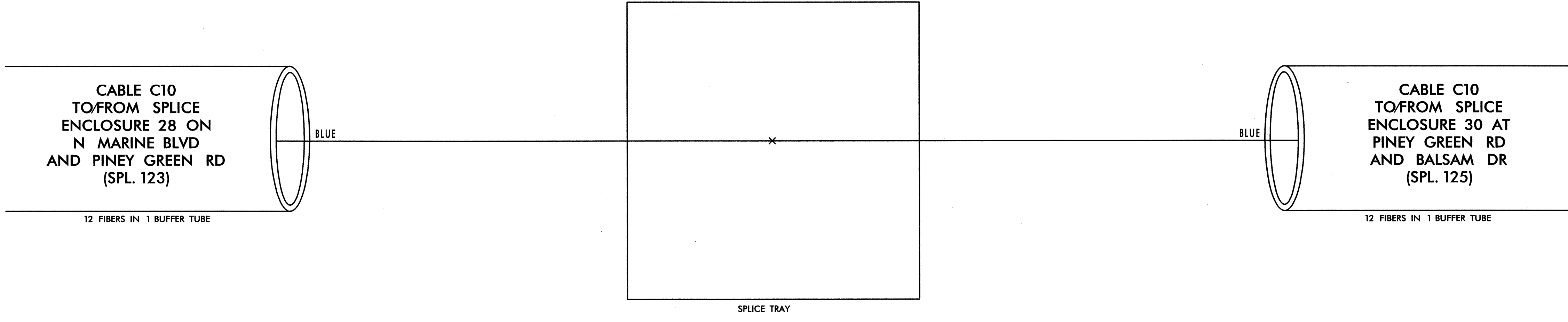
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 12:44:01 AM \\SP\JICING\jcx\_spl\_124.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

750 N. Greenfield Pkwy., Garner, NC 27529

SCALE  
0  
NONE

<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
CITY	ONSLow COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE

*Matthew M. Smusz*  
7.20.2011  
SIGNATURE DATE

**SPLICE ENCLOSURE 30  
AT PINEY GREEN RD  
AND BALSAM RD**

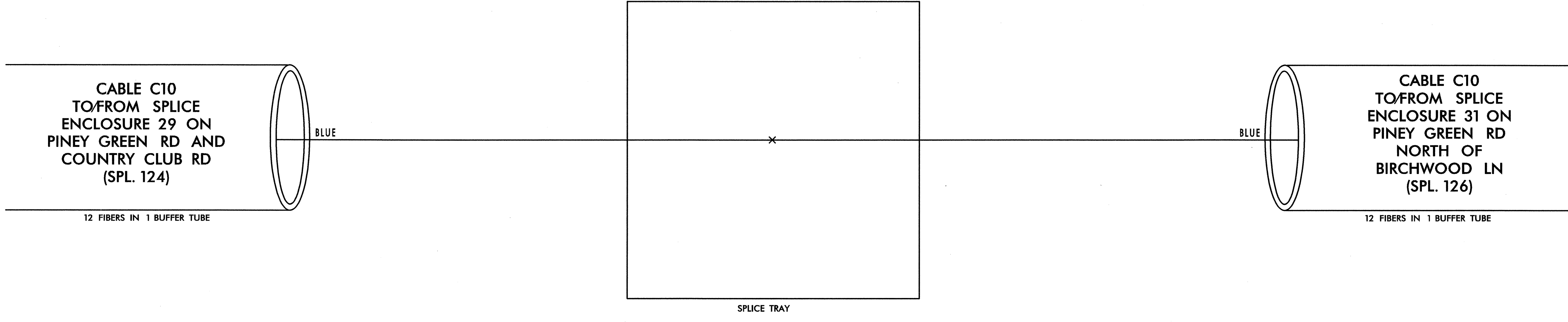
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 11:51:06 AM \jag\_spl\_125.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

 750 N. Greenfield Pkwy., Garner, NC 27529 SCALE 0 NONE	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		 MATTHEW M. SMUSZ ENGINEER STATE OF NORTH CAROLINA
	CITY: _____ ONSLOW COUNTY PLAN DATE: JULY 2011 PREPARED BY: _____	REVIEWED BY: _____ REVIEWED BY: _____	
SIGNATURE: _____ DATE: 7.26.2011			



SPLICE ENCLOSURE 31  
ON PINEY GREEN RD  
NORTH OF  
BIRCHWOOD LN

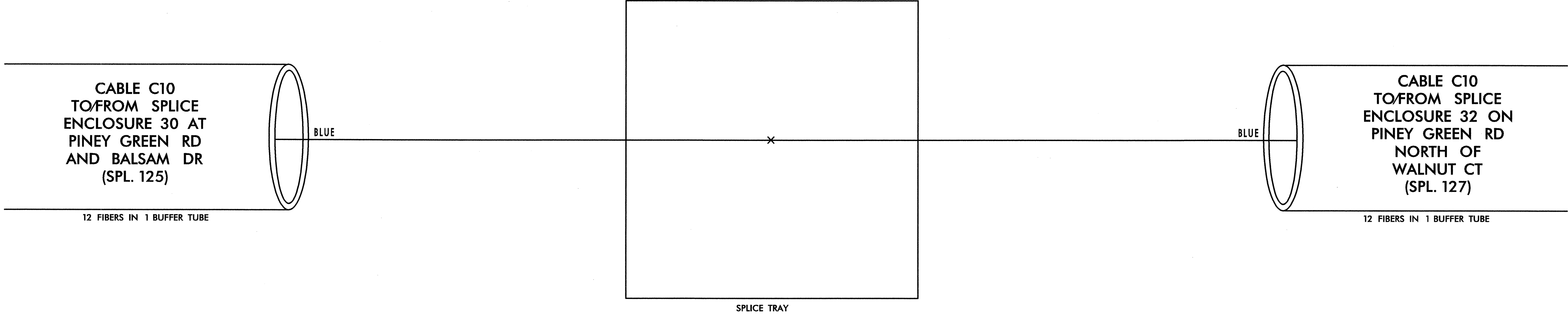
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

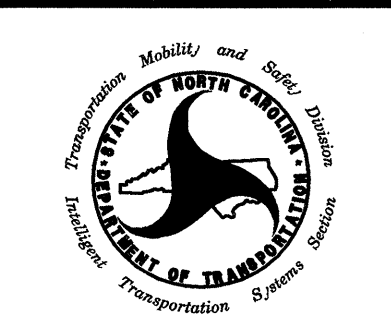
**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 -SPL126.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
Kimley-Horn and Associates, Inc.  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



750 N. Greenfield Pkwy., Garner, NC 27529  
SCALE  
0  
NONE

CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM			
CITY	ONSLow COUNTY		
PLAN DATE: JULY 2011	REVIEWED BY:		
PREPARED BY:	REVIEWED BY:		
REVISIONS	INIT.	DATE	



SIGNATURE DATE 7.20.2011

**SPLICE ENCLOSURE 32  
ON PINEY GREEN RD  
NORTH OF WALNUT CT**

**LEGEND**

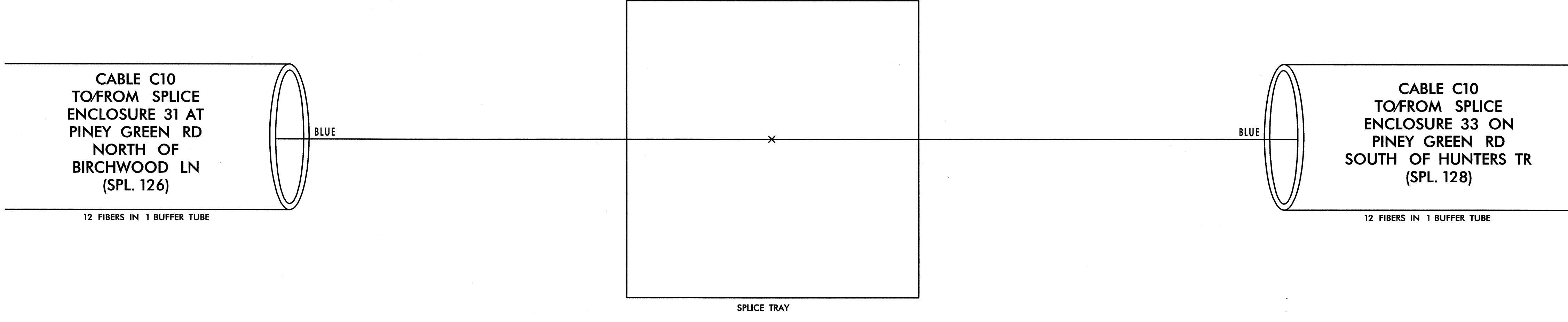
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

**COLOR CODE**  
TIA/EIA 598-A

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA



7/20/2011 1:51:16 PM \\jex\_spl\_127.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

 750 N. Greenfield Pkwy., Garner, NC 27529 SCALE 0 NONE	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		 SIGNATURE: <i>M. Smusz</i> DATE: 7.20.2011								
	CITY: _____ ONSLOW COUNTY PLAN DATE: JULY 2011 PREPARED BY: _____	REVIEWED BY: _____ REVIEWED BY: _____		<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE				
REVISIONS	INIT.	DATE									

**SPLICE ENCLOSURE 33  
ON PINEY GREEN RD  
SOUTH OF HUNTERS TR**

**LEGEND**

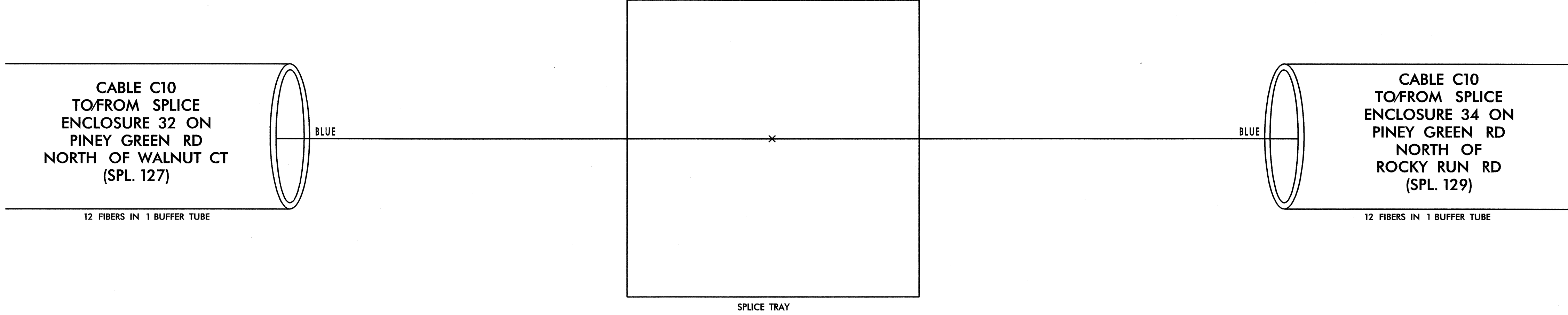
ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**COLOR CODE**  
TIA/EIA 598-A

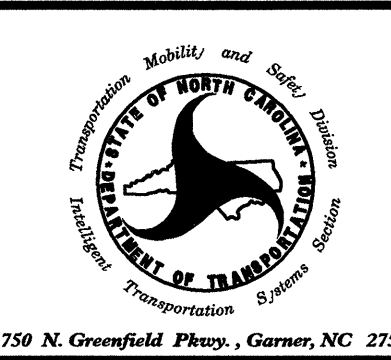
(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED



7/20/2011 1:51:10 PM \\jackson\jackson\sp\_128.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000



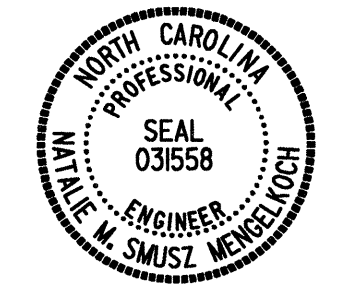
**CITY OF JACKSONVILLE  
COMPUTERIZED SIGNAL SYSTEM  
SPLICE DIAGRAM**

CITY \_\_\_\_\_ ONSLOW COUNTY

PLAN DATE: JULY 2011 REVIEWED BY: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_ REVIEWED BY: \_\_\_\_\_

REVISIONS	INIT.	DATE



7.20.2011  
SIGNATURE DATE

SCALE  
0  
NONE

**SPLICE ENCLOSURE 34  
ON PINEY GREEN RD  
NORTH OF ROCKY RUN RD**

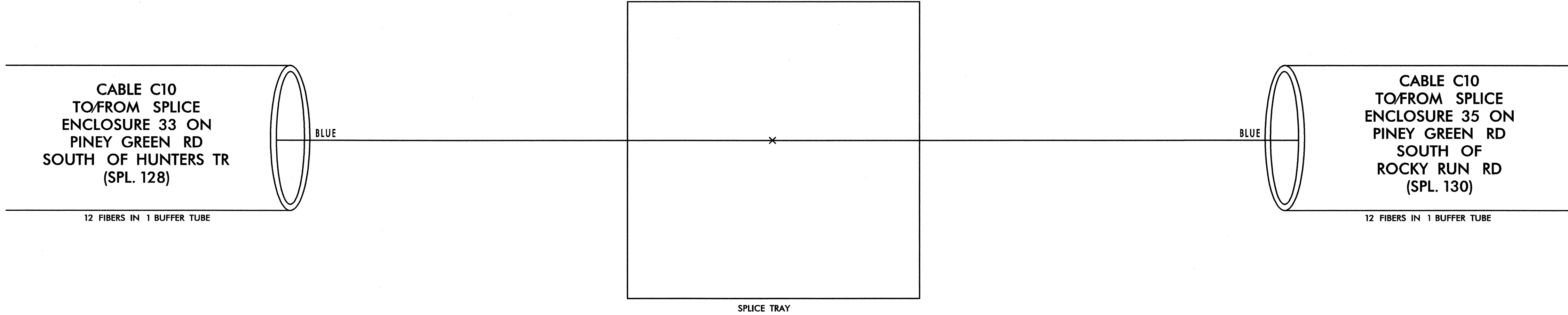
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 -SPLICING\jcx\_spl\_129.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

 250 N. Greenfield Pkwy., Garner, NC 27529 SCALE 0 NONE	<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>		 M. SMUZ ENGINEER					
	CITY: _____ ONSLOW COUNTY PLAN DATE: JULY 2011 PREPARED BY: _____	REVIEWED BY: _____ REVIEWED BY: _____		REVISIONS <table border="1"> <tr> <th>INIT.</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	INIT.	DATE		
INIT.	DATE							

SIGNATURE: DATE: 7.20.2011

**SPLICE ENCLOSURE 35  
ON PINEY GREEN RD  
SOUTH OF ROCKY RUN RD**

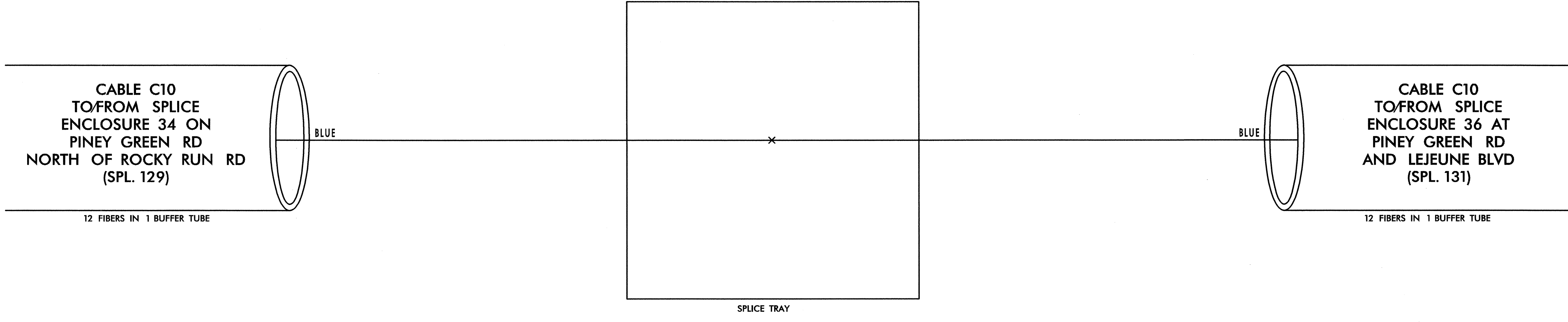
**LEGEND**

ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



7/20/2011 11:51:16 AM \\splicing\jcx\_spl\_130.dgn

PLANS PREPARED IN THE OFFICE OF:  
  
**Kimley-Horn and Associates, Inc.**  
 P.O. Box 33068  
 Raleigh, N.C. 27636-3068  
 (919) 677-2000

750 N. Greenfield Pkwy., Garner, NC 27529

<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
CITY	ONSLow COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE

**MATTHEW M. SMUSZ**  
 ENGINEER  
 SEAL 031558  
 NORTH CAROLINA PROFESSIONAL ENGINEER

*[Signature]* 7.20.2011  
 SIGNATURE DATE

SCALE  
 0  
 NONE



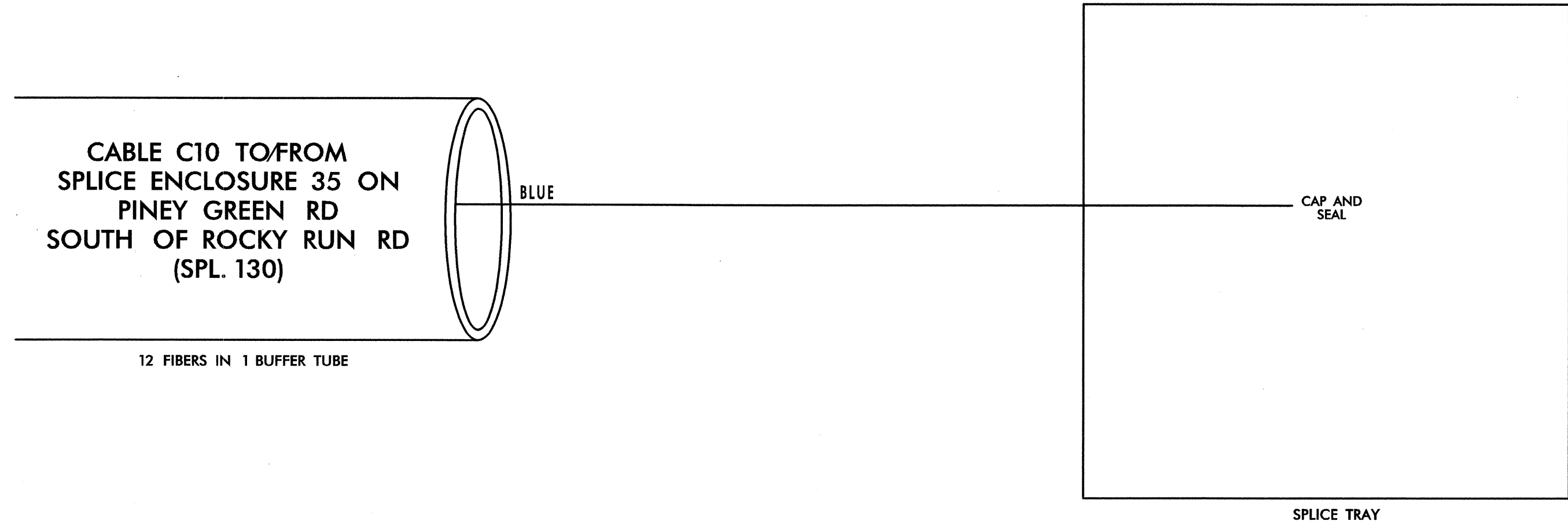
SPLICE ENCLOSURE 36 AT  
PINEY GREEN RD  
AND LEJEUNE BLVD

**LEGEND**

COLOR CODE TIA/EIA 598-A		ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING / ENSURING PROPER TERMINATION.
(1) BLUE	(7) RED	
(2) ORANGE	(8) BLACK	
(3) GREEN	(9) YELLOW	
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	

X - FUSION SPLICE INDIVIDUAL FIBER

**BUFFER TUBE** SPLICE OR EXPRESS ENTIRE BUFFER TUBE  
AS NOTED



7/20/2011 SPLCING\ax\_spl\_131.dgn

PLANS PREPARED IN  
THE OFFICE OF:  
  
**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh, N.C. 27636-3068  
(919) 677-2000

750 N. Greenfield Pkwy., Garner, NC 27529

SCALE  
0  
NONE

<b>CITY OF JACKSONVILLE COMPUTERIZED SIGNAL SYSTEM SPLICE DIAGRAM</b>	
CITY	ONSWLOW COUNTY
PLAN DATE: JULY 2011	REVIEWED BY:
PREPARED BY:	REVIEWED BY:
REVISIONS	INIT. DATE



SIGNATURE DATE 7.20.2011