

**CHANNEL C38  
SPLICE ENCLOSURE  
(CHAPEL HILL RD AT LAKEWOOD AV)  
SIG ID 05-0279  
CCTV 2063**

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

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

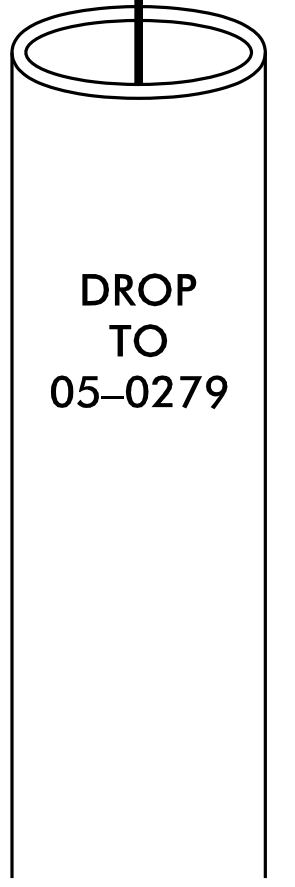
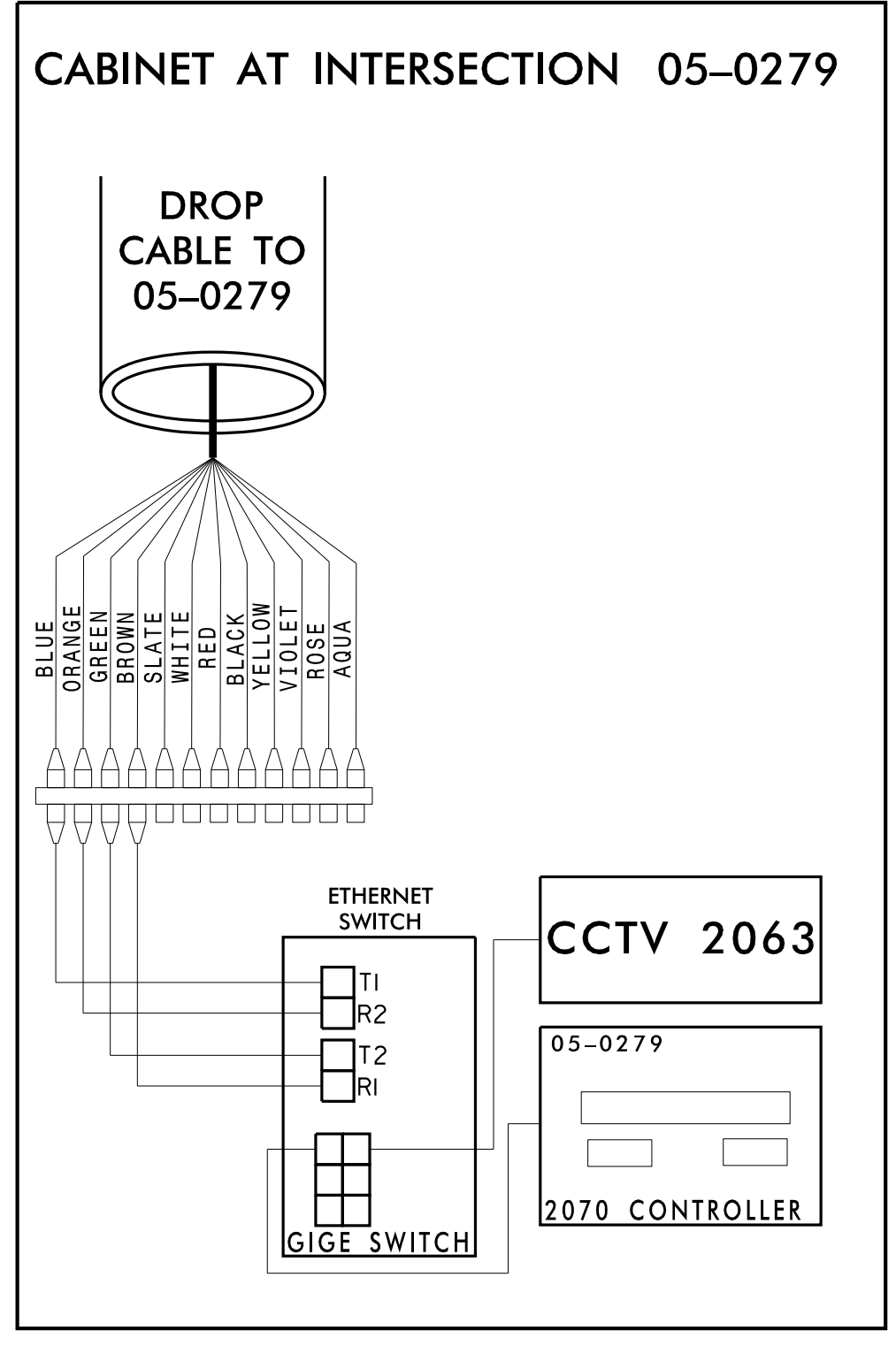
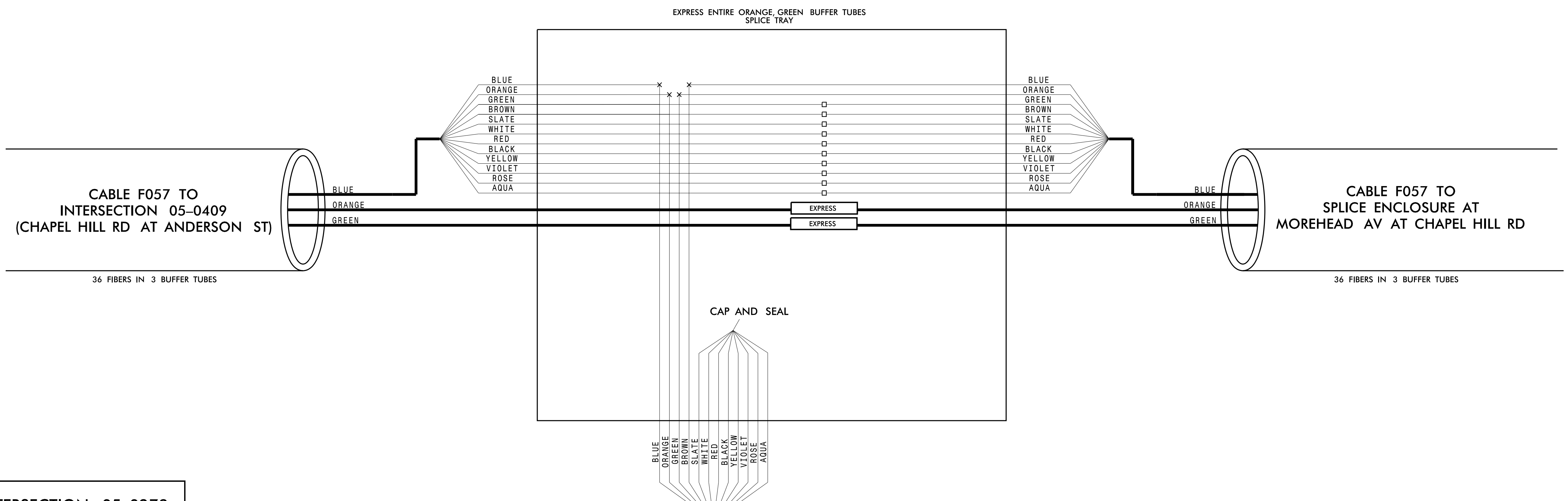
**LEGEND**

X - FUSION SPLICE INDIVIDUAL FIBER  
 O - EXISTING SPLICE  
 □ - EXPRESS INDIVIDUAL FIBER

EXPRESS - EXPRESS ENTIRE BUFFER TUBE  
 SPLICE - SPLICE ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED

**NOTES:**

1. FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY - ACTUAL EQUIPMENT FORM MAY VARY.
2. ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING /ENSURING PROPER TERMINATION.
3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING EXISTING SPlicing. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER WHERE EXISTING SPlicing IS NOT AS EXPECTED.



**CHANNEL C38  
CITY OF DURHAM COMPUTERIZED  
SIGNAL SYSTEM  
SPLICE DETAIL**

Division 05 DURHAM COUNTY

PLAN DATE: DEC 2018 REVIEWED BY: N. MENGELKOCH

PREPARED BY: KHA REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

SCALE: 0

DocuSigned by: Kevin W. Smith 12/19/2018

CADD Filename: \_\_\_\_\_

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 Raleigh, NC 27636  
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 Fax: (919) 677-2050

12/17/2018 K:\ARL\_TPTD\_ITS\01036410 - Durham Signal System\Plans\Splicing\U-5968\_ITS\_spl.Chc38\_392\_05-0279.dgn

**CHANNEL C38  
SPLICE ENCLOSURE AT  
MOREHEAD AV AND CHAPEL HILL RD**

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

(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
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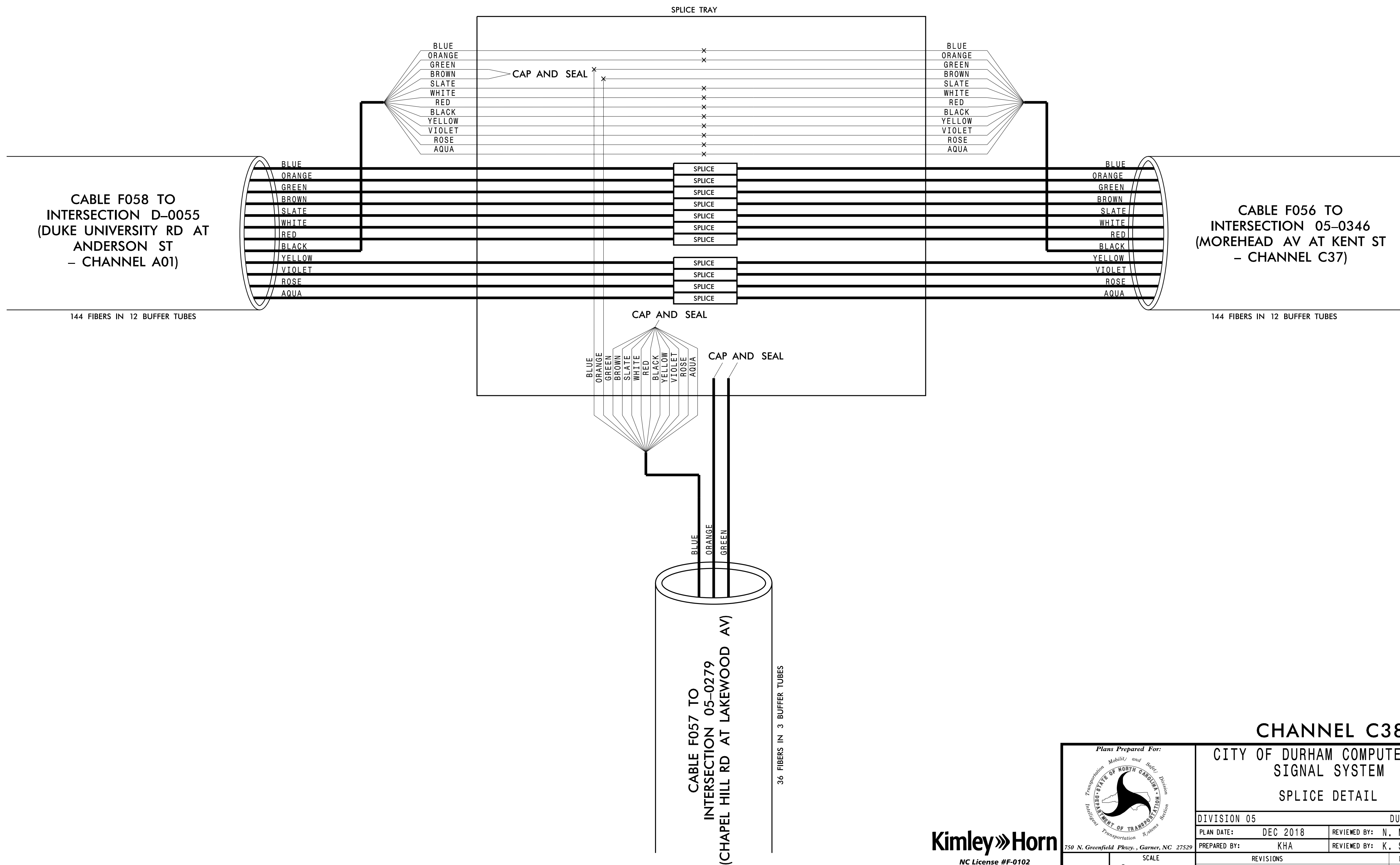
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12/17/2018 K:\ARL\TPTD\ITS\0103640 - Durham Signal System\Plans\Splicing\U-5968 ITS\_spl.CH38\_393\_SPLICE ENCLOSURE.dgn

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 CITY OF DURHAM  
 Department of Transportation  
 250 N. Greenfield Place, Garner, NC 27529

**CHANNEL C38**  
 CITY OF DURHAM COMPUTERIZED  
 SIGNAL SYSTEM  
 SPLICE DETAIL

DIVISION 05		DURHAM COUNTY	
PLAN DATE: DEC 2018	REVIEWED BY: N. MENGELKOCH		
PREPARED BY: KHA	REVIEWED BY: K. SMITH		
REVISIONS	INIT.	DATE	

DocuSigned by:  
 Kevin W. Smith  
 12/19/2018

SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 KEVIN W. SMITH  
 SEAL 030472

CADD Filename:

**CHANNEL A03  
FIELD HUB A  
GUESS RD AT W CARVER ST  
RACK MOUNTED PATCH PANELS**

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

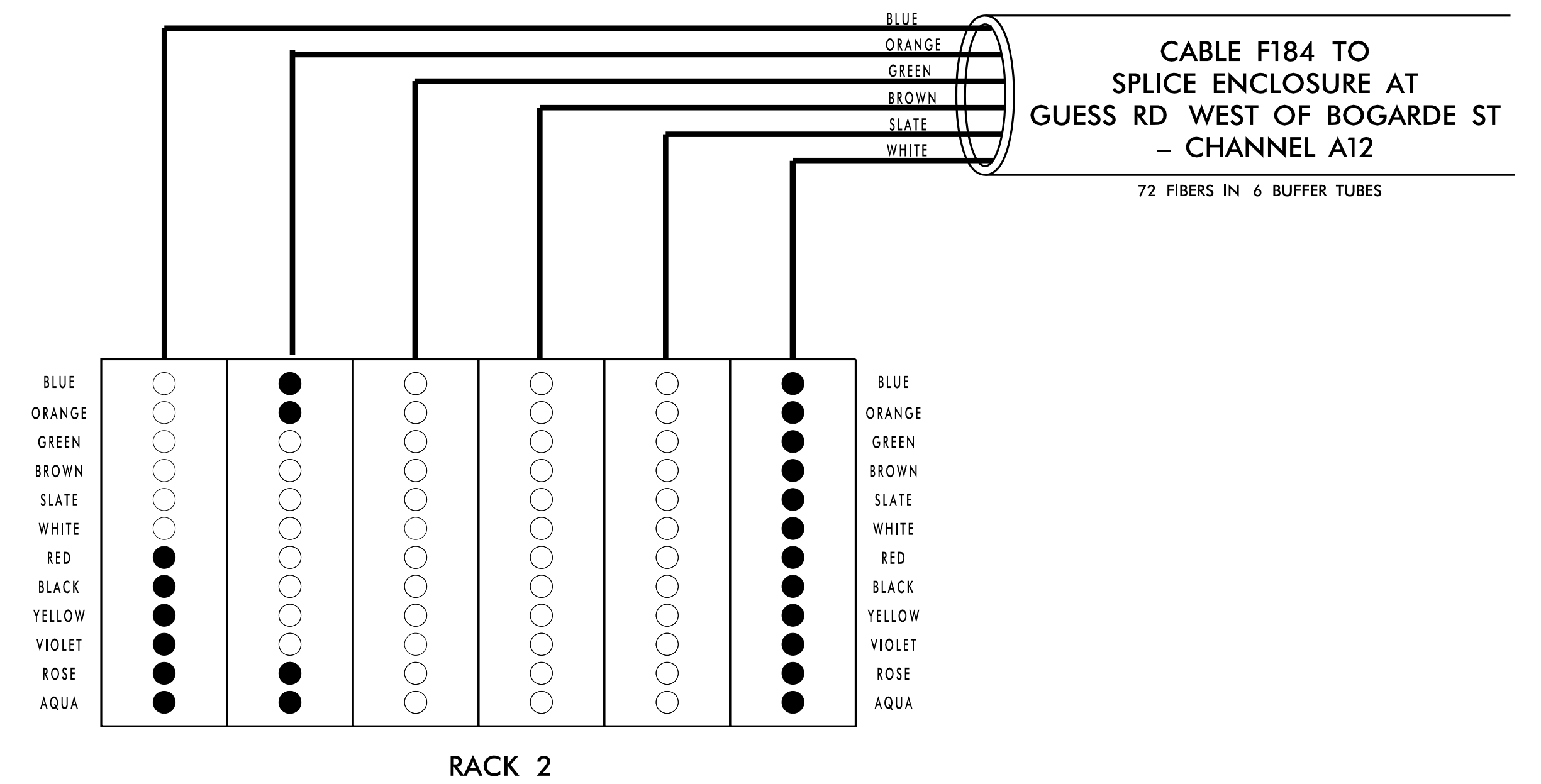
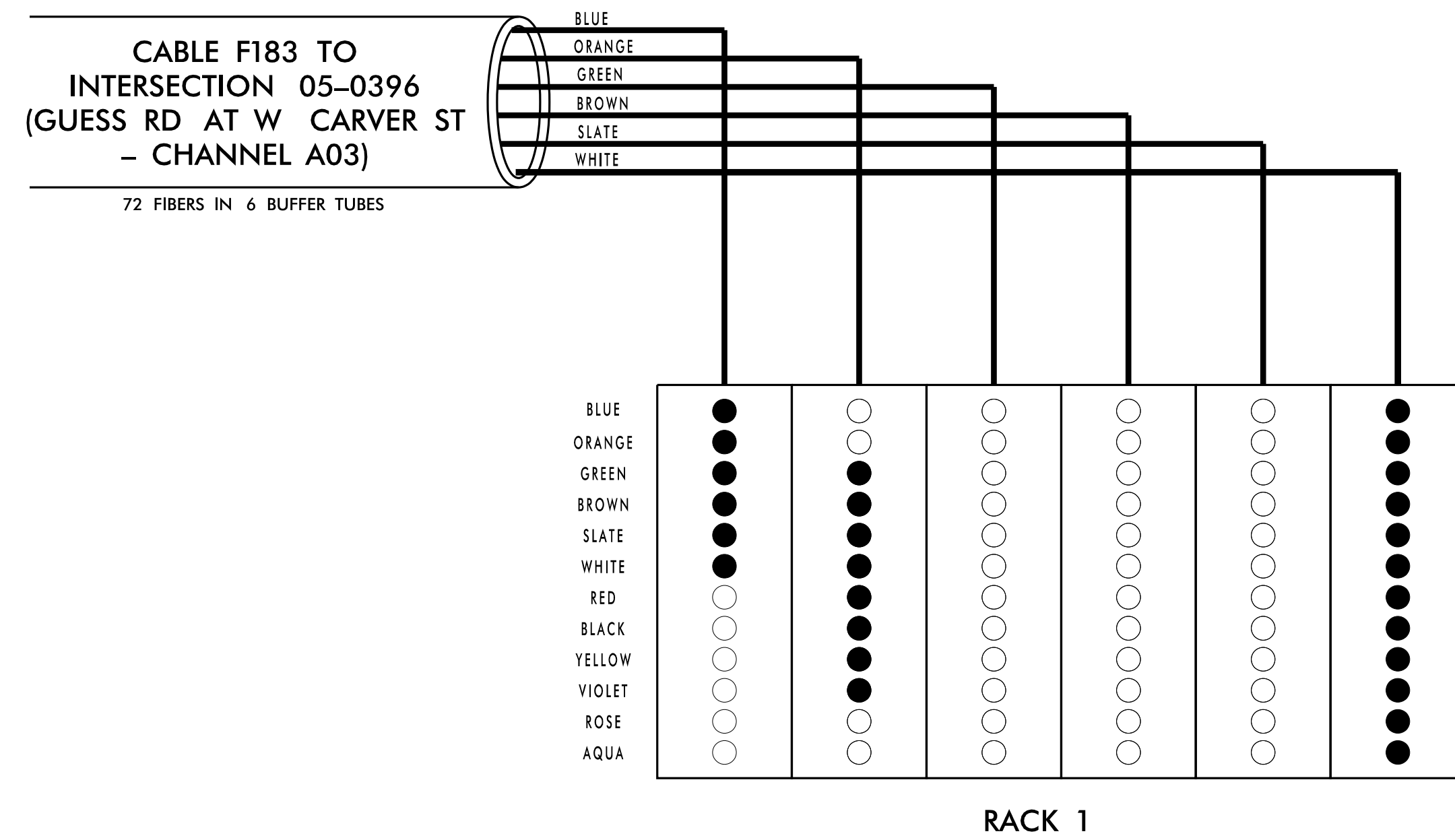
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 Transportation Mobility and Safety Division  
 DEPARTMENT OF TRANSPORTATION  
 750 N. Greenfield Place, Garner, NC 27529

**CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM**

DIVISION 05 DURHAM COUNTY

PLAN DATE: DEC 2018 REVIEWED BY: N. MENGELKOCH  
 PREPARED BY: KHA REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

SCALE: 0

Seal: NORTH CAROLINA PROFESSIONAL ENGINEER KEVIN W. SMITH SEAL 030472

DocuSigned by: KEVIN W. SMITH 1/7/2019  
 SIGNATURE DATE  
 CADD Filename:

CHANNEL A03  
FIELD HUB A  
GUESS RD AT W CARVER ST  
RACK MOUNTED PATCH PANELS

## FIELD HUB A - CITY OF DURHAM: RACK MOUNTED PATCH PANEL ASSIGNMENTS

### Cable F183 (South) - RACK 1

To Splice Cabinet 05-0396 at Guess Rd and W Carver St

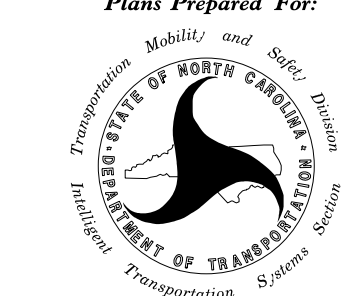
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	O	A01		O			O			O	C2C - TMC						
	G	A02		G	A08		G			G	C2C - TMC						
	BR	A02		BR	A08		BR			BR	C2C - TMC						
	S	A03		S	A09		S			S	C2C - TMC						
	W	A03		W	A09		W			W	C2C - TMC						
	R			R	A10		R			R	C2C - TMC						
	BK			BK	A10		BK			BK	C2C - TMC						
	Y			Y	A11		Y			Y	C2C - TMC						
	V			V	A11		V			V	C2C - TMC						
RS		RS		RS		RS	C2C - TMC										
A		A		A		A	C2C - TMC										

### Cable F184 (North) - RACK 2

To Splice Enclosure at Guess Rd West of Bogarde St

BUFFER	FIBER	DESC	BUFFER	FIBER	DESC	BUFFER	FIBER	DESC	BUFFER	FIBER	DESC	BUFFER	FIBER	DESC	BUFFER	FIBER	DESC
<b>BLUE</b>	BL		<b>ORANGE</b>	BL	A07	<b>GREEN</b>	BL		<b>BROWN</b>	BL		<b>SLATE</b>	BL		<b>WHITE</b>	BL	C2C - SS
	O			O	A07		O			O	C2C - SS						
	G			G			G			G	C2C - SS						
	BR			BR			BR			BR	C2C - SS						
	S			S			S			S	C2C - SS						
	W			W			W			W	C2C - SS						
	R	A04		R			R			R	C2C - SS						
	BK	A04		BK			BK			BK	C2C - SS						
	Y	A05		Y			Y			Y	C2C - SS						
	V	A05		V			V			V	C2C - SS						
RS	A06	RS	A12	RS		RS	C2C - SS										
A	A06	A	A12	A		A	C2C - SS										

**LEGEND**  
 C2C - CENTER TO CENTER  
 EOC - EMERGENCY OPERATIONS CENTER  
 TS - TECH SHOP (DIV-5 MAINTENANCE OFFICE)  
 SS - SIGNAL SHOP  
 COURT - COUNTY COURTHOUSE



Plans Prepared For:  
 Transportation, Mobility and Safety Division  
**CITY OF DURHAM**  
 DEPARTMENT OF TRANSPORTATION  
 Signal System

**CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM**

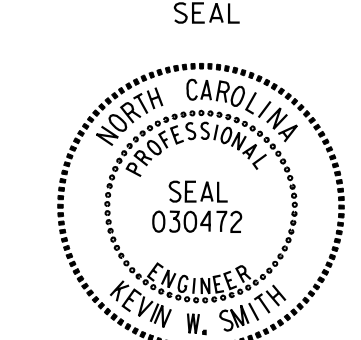
DIVISION 05 DURHAM COUNTY

PLAN DATE: DEC 2018 REVIEWED BY: N. MENGELKOCH

PREPARED BY: KHA REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

SEAL



DocuSigned by:  
 KEVIN W. SMITH  
 1/7/2019

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SCALE  
 0

**CHANNEL B18  
FIELD HUB B  
S. MIAMI BLVD AT NC-54/SLATER RD  
RACK MOUNTED PATCH PANELS**

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

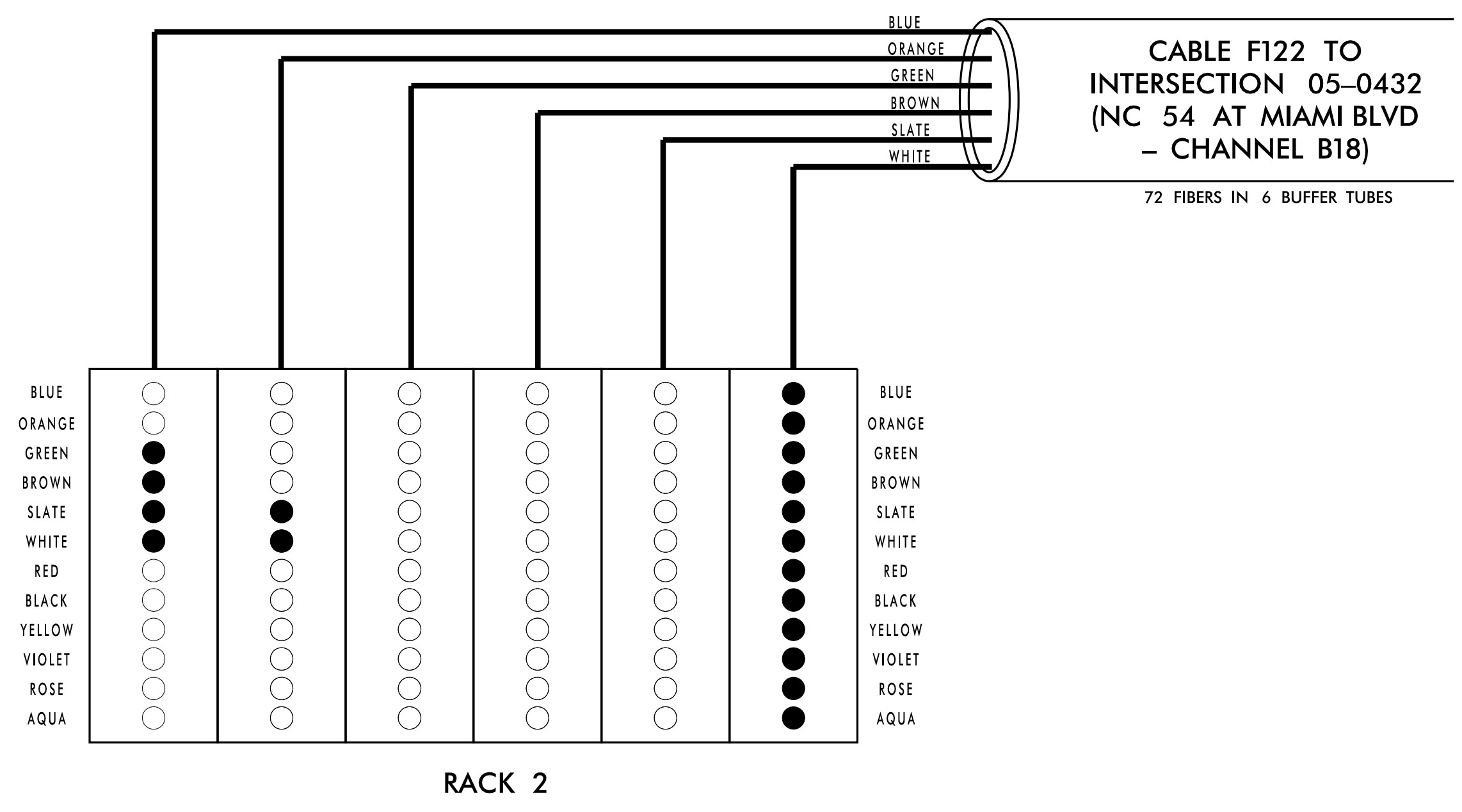
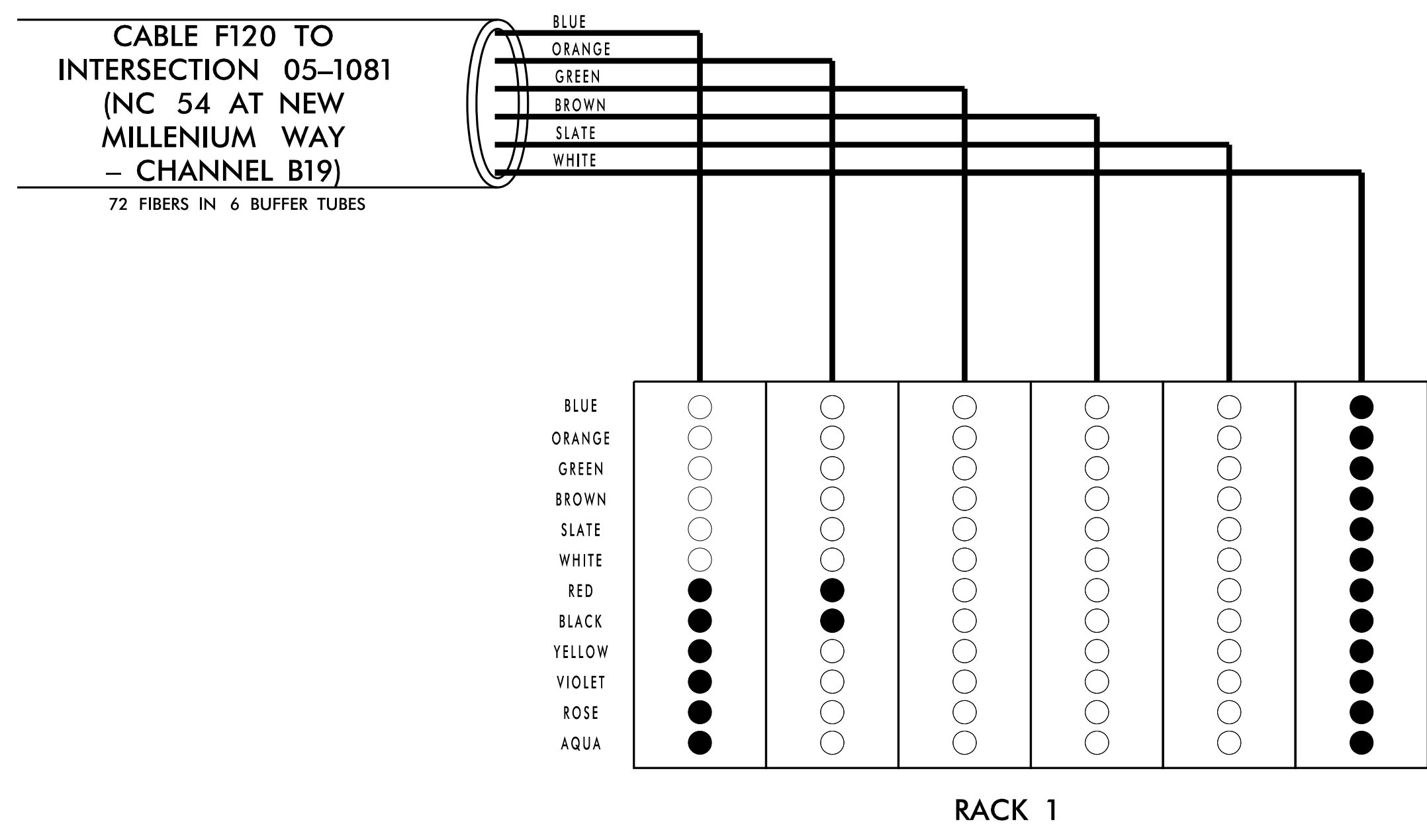
(1) BLUE	(7) RED
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**CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM**

DIVISION 05 DURHAM COUNTY

PLAN DATE: DEC 2018 REVIEWED BY: N. MENGELKOCH  
 PREPARED BY: KHA REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

SCALE: 0

Seal: NORTH CAROLINA PROFESSIONAL ENGINEER KEVIN W. SMITH SEAL 030472

Documented by: KEVIN W. SMITH 1/7/2019  
 Signature: KEVIN W. SMITH DATE: 1/7/2019  
 CADD Filename:

CHANNEL B18  
FIELD HUB B  
S. MIAMI BLVD AT NC-54/SLATER RD  
RACK MOUNTED PATCH PANELS

### FIELD HUB B - CITY OF DURHAM: RACK MOUNTED PATCH PANEL ASSIGNMENTS

#### Cable F120 (West) - RACK 1

To Splice Cabinet 05-1081 at NC 54 and New Millenium Way

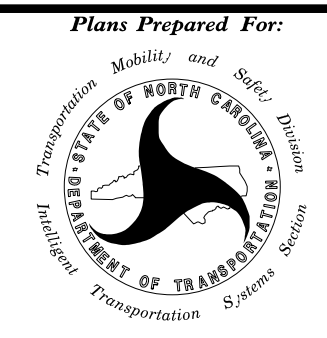
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<b>BLUE</b>	BL		<b>ORANGE</b>	BL		<b>GREEN</b>	BL		<b>BROWN</b>	BL		<b>SLATE</b>	BL		<b>WHITE</b>	BL	C2C - TMC		
	O			O			O			O			O			O		O	C2C - TMC
	G			G			G			G			G			G		G	C2C - TMC
	BR			BR			BR			BR			BR			BR		BR	C2C - TMC
	S			S			S			S			S			S		S	C2C - TMC
	W			W			W			W			W			W		W	C2C - TMC
	R	B19		R	B25		R			R			R			R		R	C2C - TMC
	BK	B19		BK	B25		BK			BK			BK			BK		BK	C2C - TMC
	Y	B20		Y			Y			Y			Y			Y		Y	C2C - TMC
	V	B20		V			V			V			V			V		V	C2C - TMC
RS	B21	RS		RS		RS		RS		RS		RS	C2C - TMC						
A	B21	A		A		A		A		A		A	C2C - TMC						

#### Cable F122 (East) - RACK 2

To Splice Cabinet 05-0432 at NC 54 and Miami Blvd

BUFFER	FIBER	DESC	BUFFER	FIBER	DESC	BUFFER	FIBER	DESC	BUFFER	FIBER	DESC	BUFFER	FIBER	DESC	BUFFER	FIBER	DESC		
<b>BLUE</b>	BL		<b>ORANGE</b>	BL		<b>GREEN</b>	BL		<b>BROWN</b>	BL		<b>SLATE</b>	BL		<b>WHITE</b>	BL	C2C - SS		
	O			O			O			O			O			O		O	C2C - SS
	G	B17		G			G			G			G			G		G	C2C - SS
	BR	B17		BR			BR			BR			BR			BR		BR	C2C - SS
	S	B18		S	B24		S			S			S			S		S	C2C - SS
	W	B18		W	B24		W			W			W			W		W	C2C - SS
	R			R			R			R			R			R		R	C2C - SS
	BK			BK			BK			BK			BK			BK		BK	C2C - SS
	Y			Y			Y			Y			Y			Y		Y	C2C - SS
	V			V			V			V			V			V		V	C2C - SS
RS		RS		RS		RS		RS		RS		RS	C2C - SS						
A		A		A		A		A		A		A	C2C - SS						

**LEGEND**  
 C2C - CENTER TO CENTER  
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 SS - SIGNAL SHOP  
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Plans Prepared For:  
 Transportation, Mobility and Safety Division  
**CITY OF DURHAM COMPUTORIZED SIGNAL SYSTEM**

SEAL  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 KEVIN W. SMITH  
 030472

DIVISION 05		DURHAM COUNTY	
PLAN DATE: DEC 2018	REVIEWED BY: N. MENGELKOCH		
PREPARED BY: KHA	REVIEWED BY: K. SMITH		
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DocuSigned by:  
 Kevin W. Smith  
 SIGNATURE  
 1/7/2019  
 DATE  
 CADD File name:

**CHANNEL C34  
FIELD HUB C  
I-40 NORTH OF NC 54  
RACK MOUNTED PATCH PANELS**

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

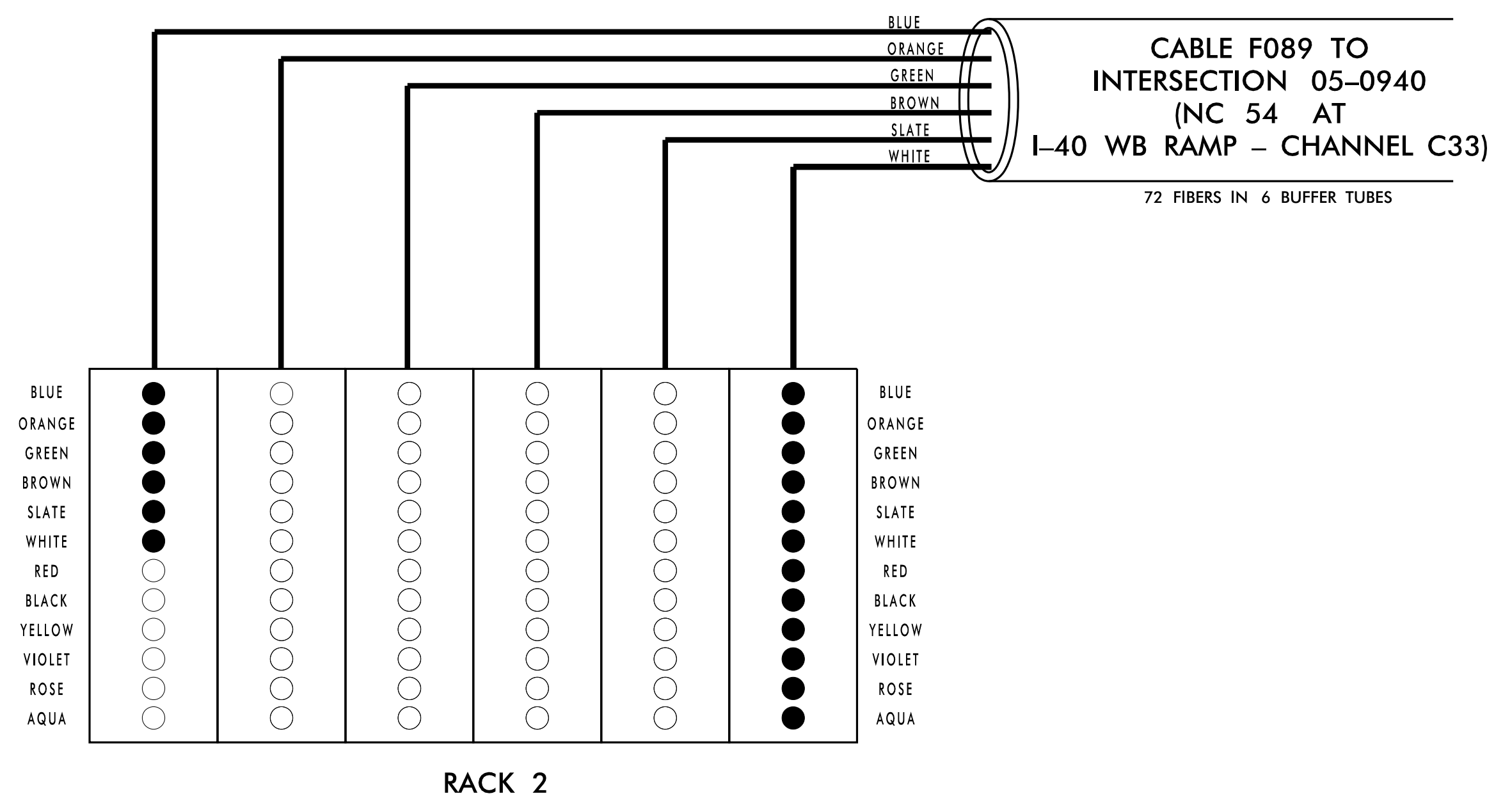
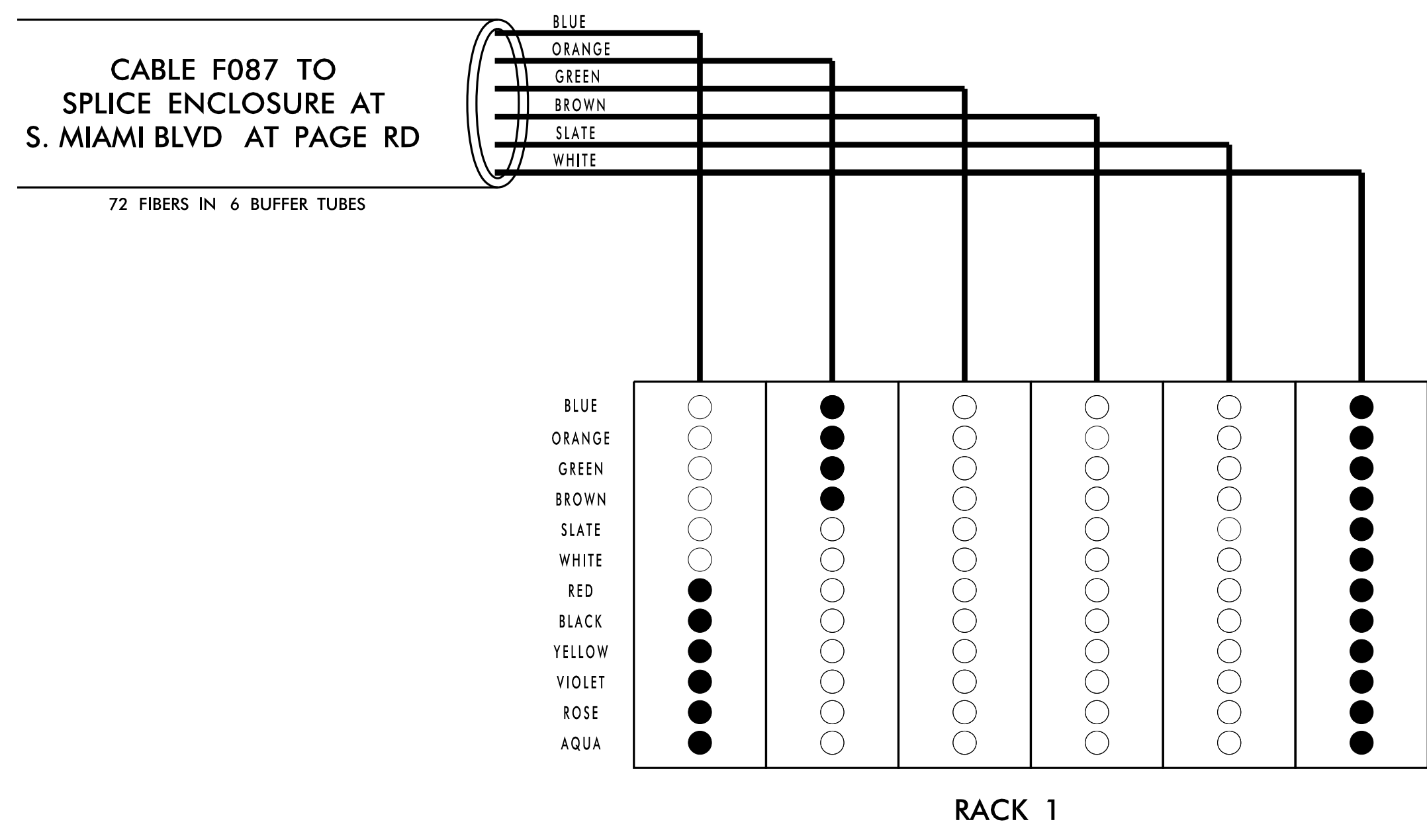
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 DEPARTMENT OF TRANSPORTATION  
 STATE OF NORTH CAROLINA

**CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM**

DIVISION 05 DURHAM COUNTY

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