

NOT IN CONTRACT
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GEO Job No. 20012

SOIL BORING LOG

Page 1 of 1

Date 2/24/23

ROUTE FAI Route 80 from Chicago Street to US Route 30 DESCRIPTION I-80 Phase II LOGGED BY TZ

SECTION - LOCATION SE 1/4, SEC. 13, TWP. T35N, RNG. R10E, 3rd PM

COUNTY Will DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	Station	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev.	Stream Bed Elev.	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
BORING NO.	OSB-010					Groundwater Elev.:					
Station	869+94					First Encounter	Dry to -5.0'				
Offset	29.00ft Right					Upon Completion	n/a				
Ground Surface Elev.	646.98	ft				After	-	Hrs.			
12.0" ASPHALT	645.98				2	CLAY LOAM-gray-soft to very stiff (continued)					
12.0" CRUSHED STONE	644.98		24		17			4		0.90	22
CLAY LOAM with Gravel-brown & gray-hard	643.48		5					7		B	
CLAY LOAM-brown & gray-very stiff to hard		7						5			
		12	4.90	17				5	0.50	22	
		-5	15	B				-25	6	B	
			7						5		
			10	3.10	23				4	0.25	14
			12	B					2	P	
becoming gray @ -8.5'			6			SAND & GRAVEL-gray-medium dense	618.48		8		
			10	4.00	20				12		13
		-10	12	B				-30	15		
SILTY CLAY LOAM-brown-very stiff	635.98		7								
			9	2.60	21						
			11	B							
CLAY LOAM-gray-soft to very stiff	633.48		8			CRUSHED GRAVEL-gray-very dense	613.98		50/2"		
			8	1.80	20						16
		-15	10	B				-35			
			5								
			7	0.50	22						
			9	P							
			5						50/0"		
			7	0.25	25	End Of Boring @ -40.0'. Boring backfilled with cuttings.	606.98	-40			NR
		-20	8	P							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), GP-Geoprobe Hand Auger BBS, from 137 (Rev. 8-99)



USER NAME =	DESIGNED - CS	REVISED -
	CHECKED - BAR	REVISED -
PLOT SCALE =	DRAWN - CS	REVISED -
PLOT DATE =	CHECKED - BAR	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
BORING LOGS 2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	569
CONTRACT NO. 62R29				
ILLINOIS FED. AID PROJECT				



USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 OVERHEAD SIGN STRUCTURES
CONTRACT 62R29 (FOR INFORMATION ONLY)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	301
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



GEO Job No. 20012

SOIL BORING LOG

Page 1 of 1

Date 1/11/23

ROUTE FAI Route 80 from Chicago Street to US Route 30 DESCRIPTION I-80 Phase II LOGGED BY RT/QZ

SECTION - LOCATION SE 1/4, SEC. 13, TWP. T35N, RNG. R10E, 3rd PM

COUNTY Will DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	Station	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev.	Stream Bed Elev.	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
BORING NO.	OSB-011					Groundwater Elev.:					
Station	870+00					First Encounter	Dry				
Offset	64.00ft Left					Upon Completion	Dry				
Ground Surface Elev.	648.09	ft				After	-	Hrs.			
15.0" ASPHALT	646.84				2	CLAY LOAM-brown & gray-stiff to hard (continued)					
6.0" STONE	646.34		8						4		
SILTY CLAY with Gravel-brown-hard	645.09		6	4.50	13				6	1.50	22
			7	P					8	P	
CLAY LOAM-brown & gray-stiff to hard											
			6						5		
			9	4.50	21				6	1.50	22
		-5	16	P				-25	8	P	
			8			CLAY with Gravel-gray-stiff	622.09		6		
			15	4.50	19				6	1.50	13
			22	P					8	P	
			9			CLAY LOAM-gray-stiff	619.59		8		
			12	4.50	23				6	1.25	13
		-10	17	P				-30	9	P	
			6								
			10	3.50	22						
			16	P							
			7			SAND & GRAVEL-gray-very dense	614.59		8		
			13	4.00	21				50/2"		6
		-15	17	P				-35			
			6								
			10	4.00	23						
			12	P							
			5						6		
			5	1.50	21	End Of Boring @ -40.0'. Boring backfilled with cuttings.	608.09	-40	7		17
		-20	6	P					50/2"		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), GP-Geoprobe Hand Auger BBS, from 137 (Rev. 8-99)



USER NAME =	DESIGNED - CS	REVISED -
	CHECKED - BAR	REVISED -
PLOT SCALE =	DRAWN - CS	REVISED -
PLOT DATE =	CHECKED - BAR	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
BORING LOGS 2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	569
CONTRACT NO. 62R29				
ILLINOIS FED. AID PROJECT				



USER NAME =	DESIGNED -	REVISED -
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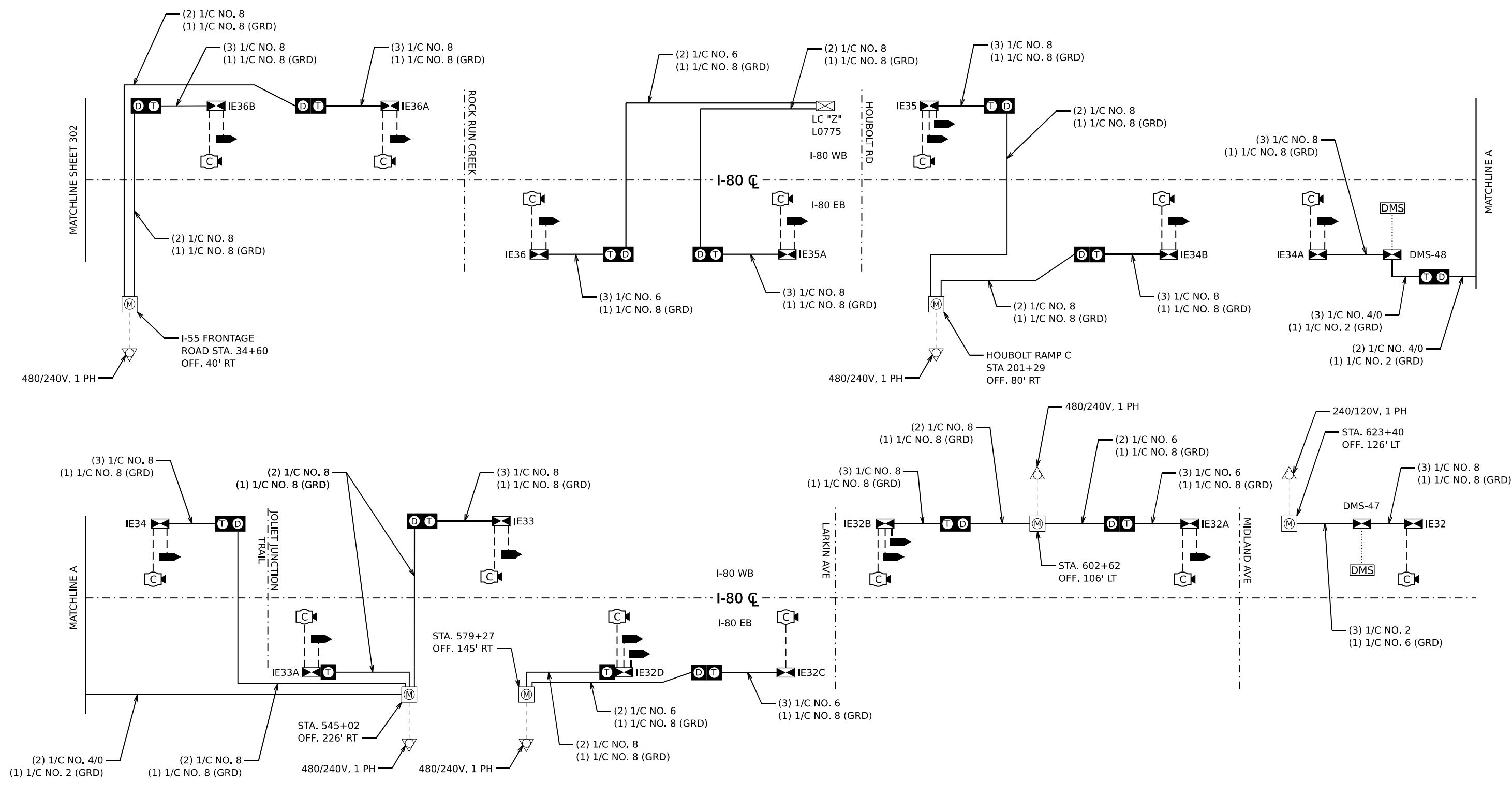
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 OVERHEAD SIGN STRUCTURES
CONTRACT 62R29 (FOR INFORMATION ONLY)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	301
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

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LEGEND

- | | | | | | |
|--|---------------------------------|--|---------------------------------------|--|--------------------------------------|
| | EXISTING ELECTRIC SERVICE | | CLOSED CIRCUIT TELEVISION DOME CAMERA | | EXISTING ELECTRIC CABLE IN CONDUIT |
| | PROPOSED ELECTRIC SERVICE | | DYNAMIC MESSAGE SIGN | | PROPOSED ELECTRICAL CABLE IN CONDUIT |
| | EXISTING SERVICE METER PEDESTAL | | WIRELESS VEHICLE DETECTION RADIO | | CAT-6 CABLE |
| | PROPOSED SERVICE METER PEDESTAL | | ITS CABINET | | DMS POWER CABLES |
| | PROPOSED DISCONNECT SWITCH | | LIGHTING CONTROLLER CABINET | | |
| | PROPOSED TRANSFORMER | | TRAFFIC SIGNAL CABINET | | |

NOTES

- SEE SHEET 305 TO 314 FOR SERVICE METER PEDESTAL DETAILS.
- SEE SHEET 315 TO 316 FOR LIGHTING CONTROLLER DETAILS.
- SEE SHEET 317 TO 320 FOR NON-DMS DISCONNECT SWITCH/TRANSFORMER DETAILS.



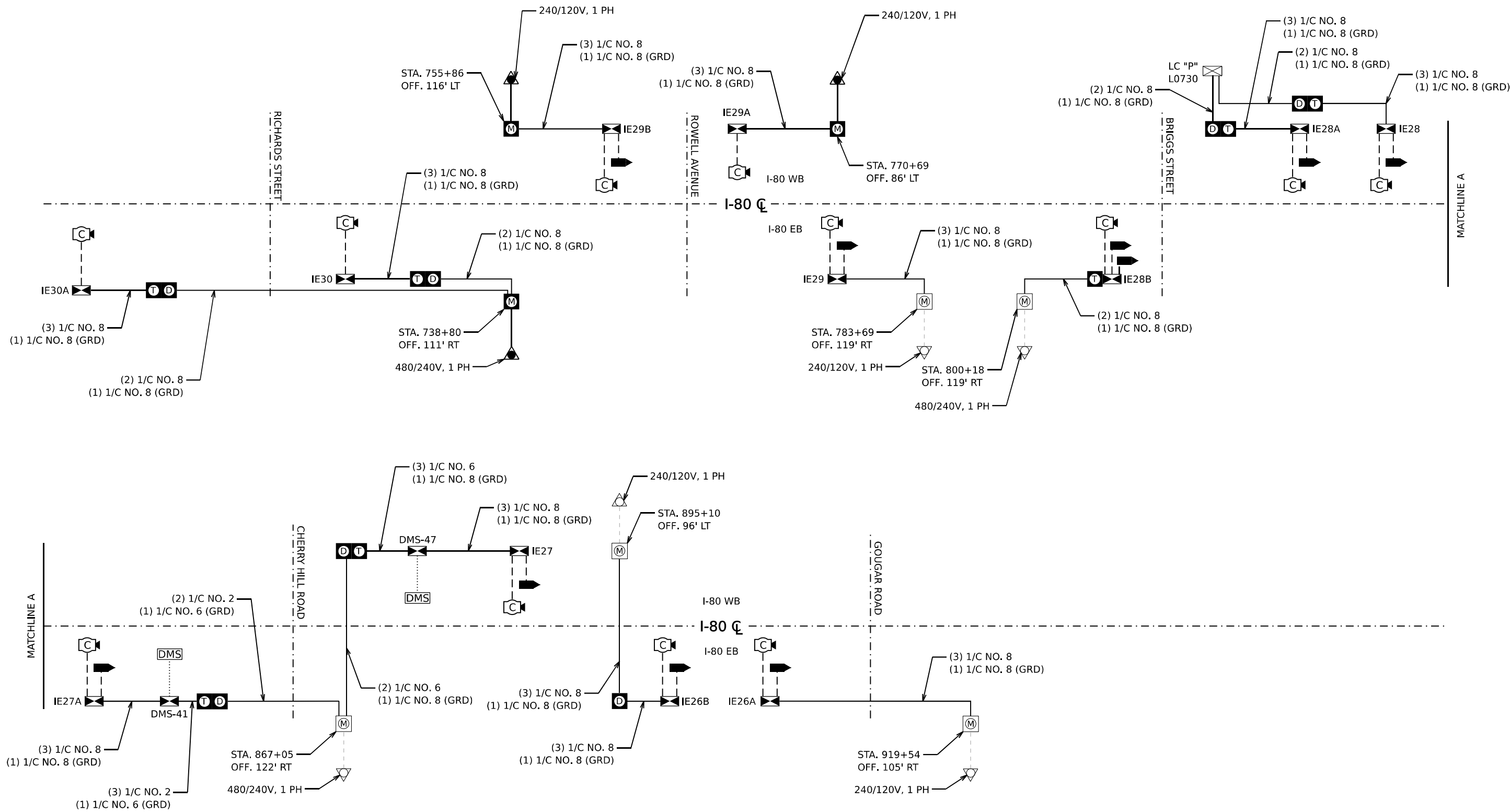
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 POWER SINGLE LINE DIAGRAM			
SCALE: N.T.S.	SHEET	OF	SHEETS
STA.	TO STA.		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	303
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

MODEL: 2D SHEET 14
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LEGEND

- | | | | | | |
|--|---------------------------------|--|---------------------------------------|--|--------------------------------------|
| | EXISTING ELECTRIC SERVICE | | CLOSED CIRCUIT TELEVISION DOME CAMERA | | EXISTING ELECTRIC CABLE IN CONDUIT |
| | PROPOSED ELECTRIC SERVICE | | DYNAMIC MESSAGE SIGN | | PROPOSED ELECTRICAL CABLE IN CONDUIT |
| | EXISTING SERVICE METER PEDESTAL | | WIRELESS VEHICLE DETECTION RADIO | | CAT-6 CABLE |
| | PROPOSED SERVICE METER PEDESTAL | | ITS CABINET | | DMS POWER CABLES |
| | PROPOSED DISCONNECT SWITCH | | LIGHTING CONTROLLER CABINET | | |
| | PROPOSED TRANSFORMER | | TRAFFIC SIGNAL CABINET | | |

NOTES

- SEE SHEET 305 TO 314 FOR SERVICE METER PEDESTAL DETAILS.
- SEE SHEET 315 TO 316 FOR LIGHTING CONTROLLER DETAILS.
- SEE SHEET 317 TO 320 FOR NON-DMS DISCONNECT SWITCH/TRANSFORMER DETAILS.

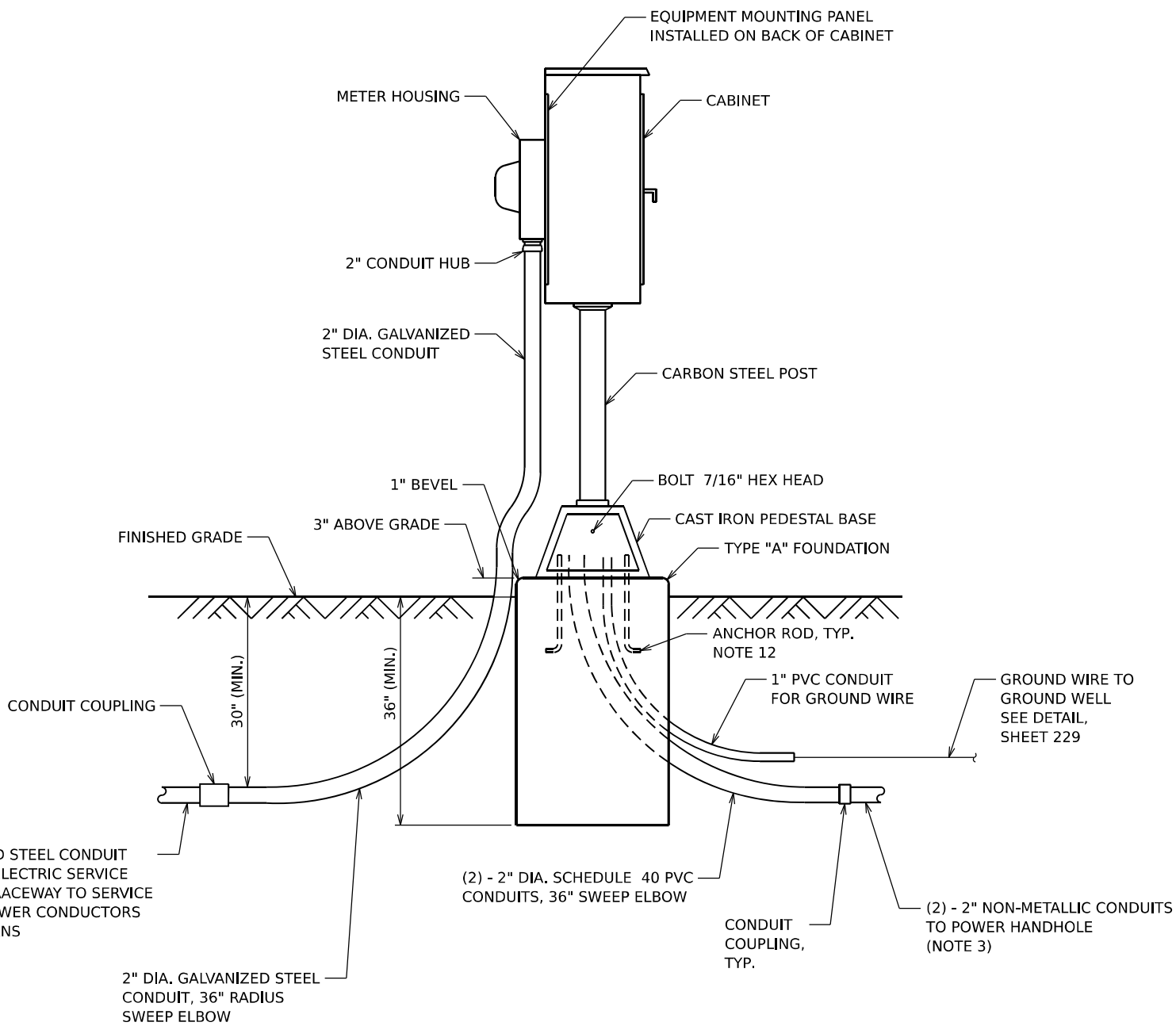


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PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 POWER SINGLE LINE DIAGRAM			
SCALE: N.T.S.	SHEET	OF	SHEETS
STA.	TO	STA.	TO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	304
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

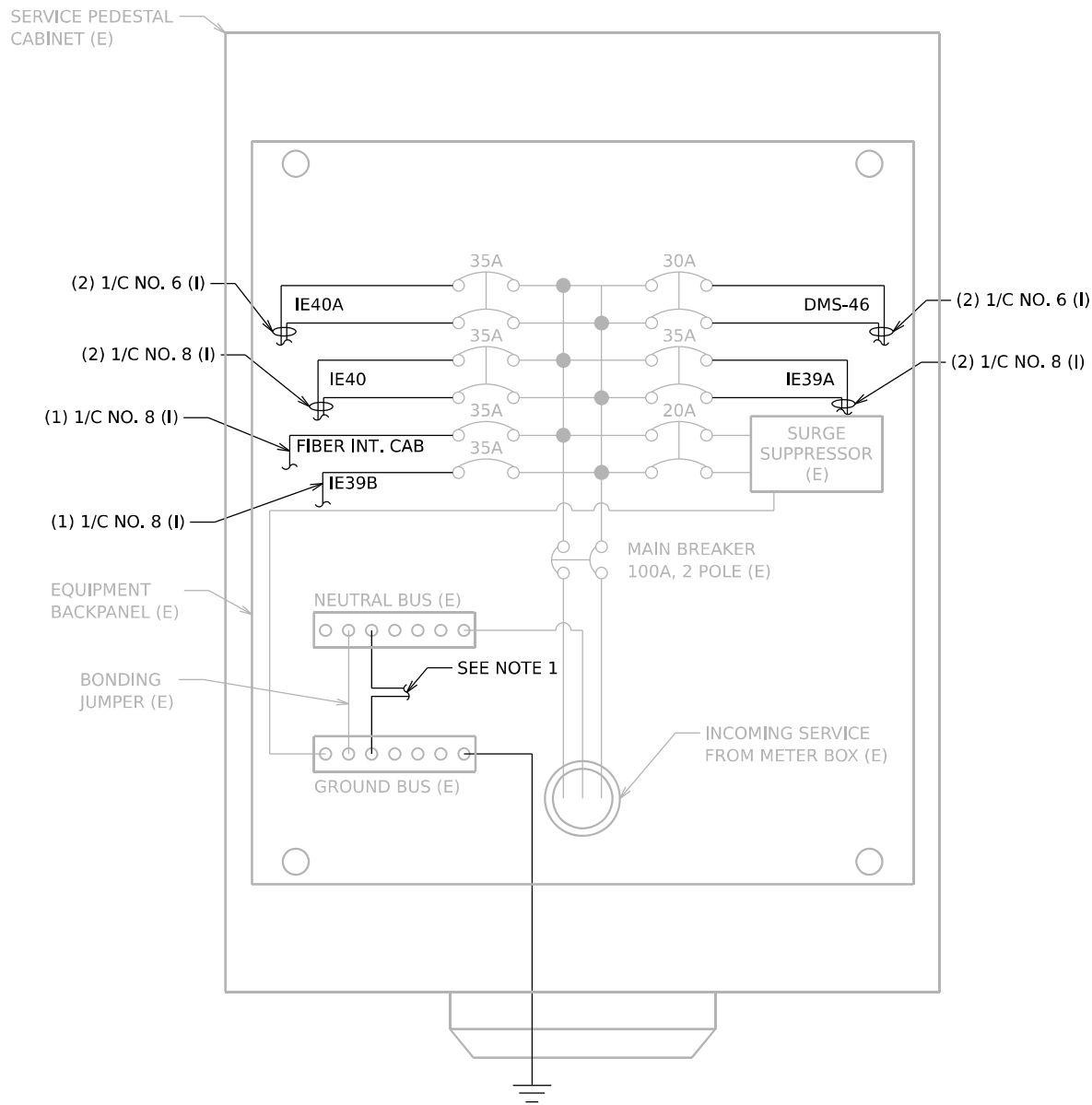


SERVICE PEDESTAL WITH METER

NOTES

- SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
- UNLESS OTHERWISE INDICATED, ALL ITEMS AND WORK SHOWN SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.
- THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY/CONDUCTORS AND NON-METALLIC CONDUITS TO POWER HANDHOLE SHALL BE MEASURED SEPARATELY FOR PAYMENT.
- CABINETS, CABINET POSTS AND CABINET PEDESTALS SHALL BE PRIMED AND PAINTED. THE EXTERIOR SHALL HAVE TWO EPOXY FINISH COATS OF ANSI-61 GRAY. THE INTERIOR SHALL BE PAINTED WHITE.
- METER HOUSING SHALL BE MOUNTED TO BACK WALL OF CABINET. PROVIDE A GATE IN ROW FENCE TO ALLOW UTILITY ACCESS TO READ THE METER.
- CABLES FROM METER HOUSING SHALL PASS THROUGH BACK WALL OF CABINET.
- METER HOUSING SHALL BE AS REQUIRED BY THE UTILITY.
- THE CABINET SHALL BE 36"H X 20"W X 15"D, FABRICATED FROM ALUMINUM WITH A MINIMUM THICKNESS OF .125", RATED NEMA TYPE 3R AND HAVE A MOUNTING BACK PLATE.
- THE CABINET DOOR SHALL HAVE A CONTINUOUS HINGE THAT IS BOLTED TO THE CABINET AND DOOR WITH 1/4-20 STAINLESS STEEL CARRIAGE BOLTS AND NY-LOCK NUTS. THE HINGE SHALL BE INSTALLED ON THE RIGHT SIDE WHEN FACING THE CABINET AND BE MADE OF STAINLESS STEEL WITH A 0.25 INCH DIAMETER STAINLESS STEEL HINGE PIN. THE HINGE PIN SHALL BE CAPPED TOP AND BOTTOM BY WELD TO RENDER IT TAMPER-PROOF. THE CABINET SHALL HAVE A GASKET THAT FORMS A WEATHER-TIGHT SEAL BETWEEN THE CABINET AND DOOR. THE DOOR LATCHING MECHANISM SHALL BE THE 3-POINT DRAW ROLLER TYPE. WHEN THE DOOR IS CLOSED AND LATCHED, IT WILL BE LOCKED. THE LATCHING HANDLE SHALL BE FABRICATED FROM A 0.75" STAINLESS STEEL ROUND BAR AND SHALL HAVE A PROVISION FOR PADLOCKING IN THE CLOSED POSITION.
- THE ENCLOSURE SHALL BE EQUIPPED WITH TWO ADJUSTABLE "C" MOUNTING CHANNELS WELDED ON BOTH SIDE WALLS AND BACK WALL OF THE ENCLOSURE, ALLOWING VERSATILE POSITIONING OF SHELVES OR PANELS. MOUNTING CHANNELS SHALL BE FACTORY PAINTED SAME COLOR AS INTERIOR OF CABINET.
- CABINET DOOR SHALL NOT HAVE COMPARTMENT DOORS OR LOUVERS. INTERIOR OF CABINET DOOR SHALL HAVE A PLASTIC POCKET FOR WIRING SCHEMATIC.
- CONTRACTOR MUST COORDINATE WITH PEDESTAL BASE SUPPLIER AND FURNISH THE NECESSARY ANCHOR RODS.
- THE ELECTRIC SERVICE EQUIPMENT ASSEMBLY SHALL BE ASSEMBLED BY A UL 508A INDUSTRIAL CONTROL PANEL FABRICATOR. THE PANEL ASSEMBLY SHALL BE UL LABELED AND SUITABLE FOR USE AS SERVICE EQUIPMENT.
- ALL EQUIPMENT SHALL BE GROUNDED AND BONDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND THE NATIONAL ELECTRICAL SAFETY CODE.
- PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY. FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.

MODEL: 2D SHEET 14
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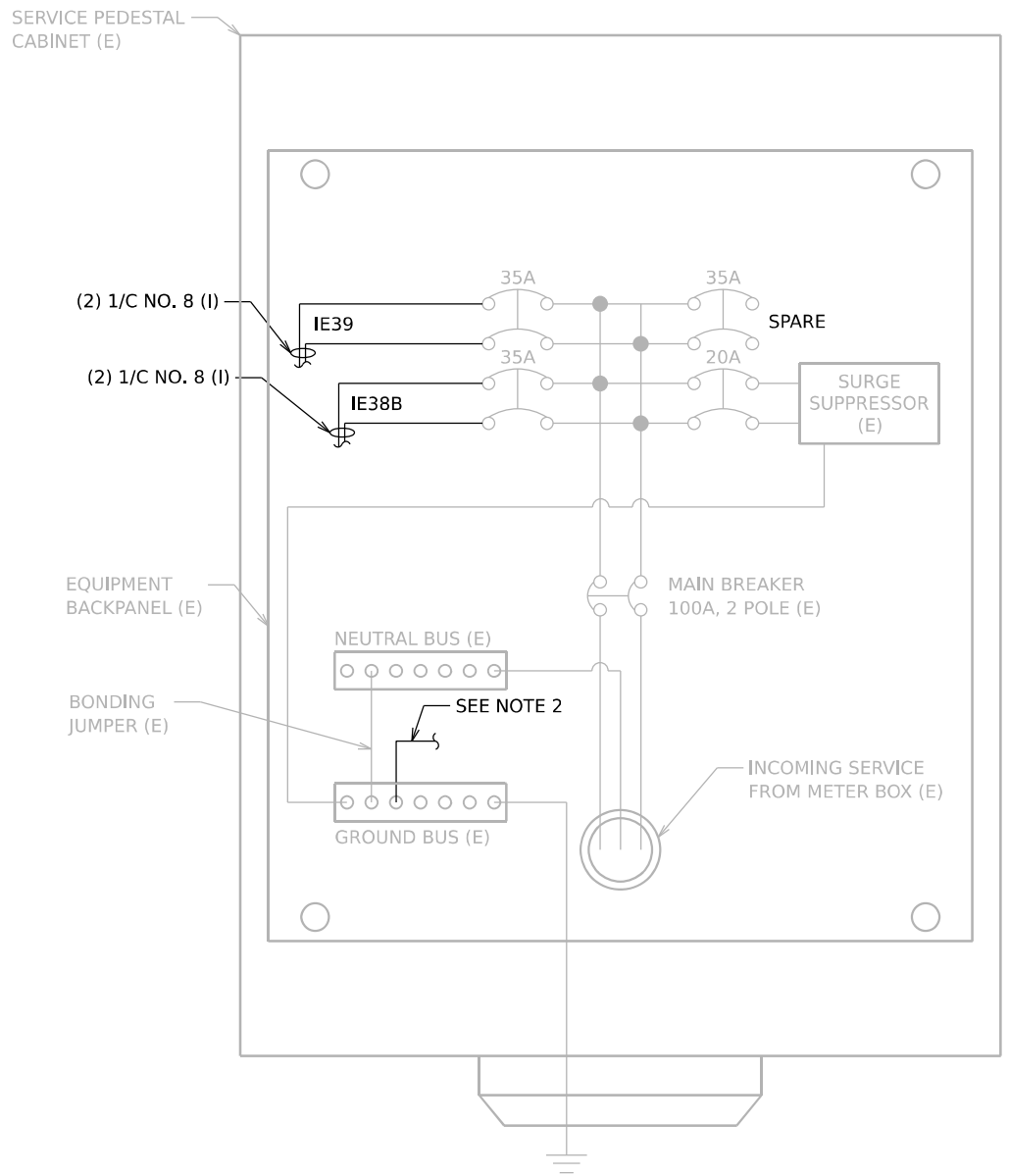


**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 211+00
480/240V, 1PH**

NOTES

1. PROVIDE WIRES FROM THE NEUTRAL AND GROUND BUS BARS AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
IE40A	N/A	(1) 1/C NO. 8 (I)
IE40	N/A	(1) 1/C NO. 8 (I)
FIBER INT. CAB	(1) 1/C NO. 8 (I)	(1) 1/C NO. 8 (I)
IE39B	(1) 1/C NO. 8 (I)	(1) 1/C NO. 8 (I)
DMS-46	N/A	(1) 1/C NO. 8 (I)
IE39A	N/A	(1) 1/C NO. 8 (I)

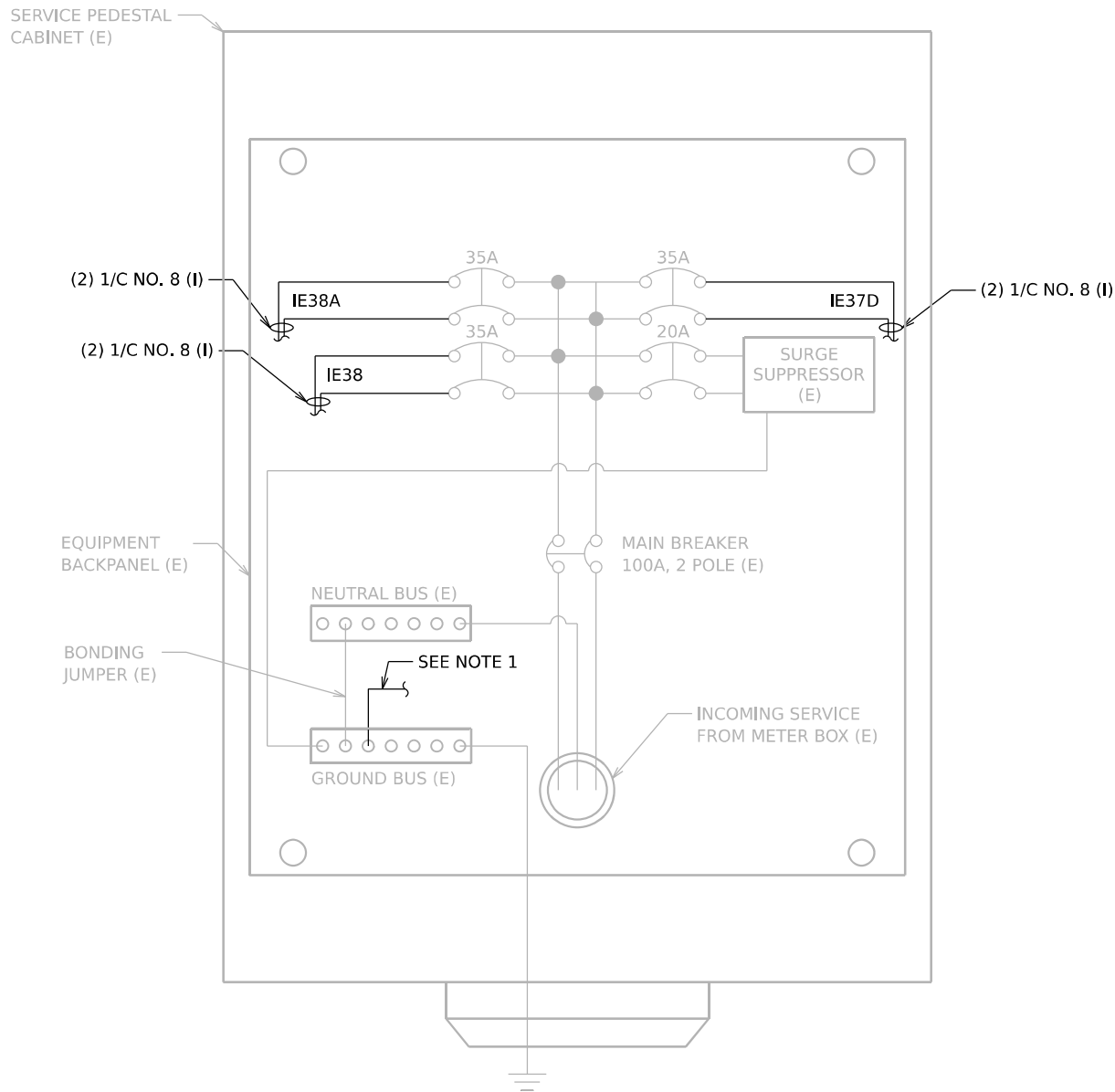


**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 233+14
480/240V, 1PH**

2. PROVIDE WIRES FROM THE GROUND BUS BAR AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
IE39	N/A	(1) 1/C NO. 8 (I)
IE38B	N/A	(1) 1/C NO. 8 (I)

MODEL: 2D SHEET 14
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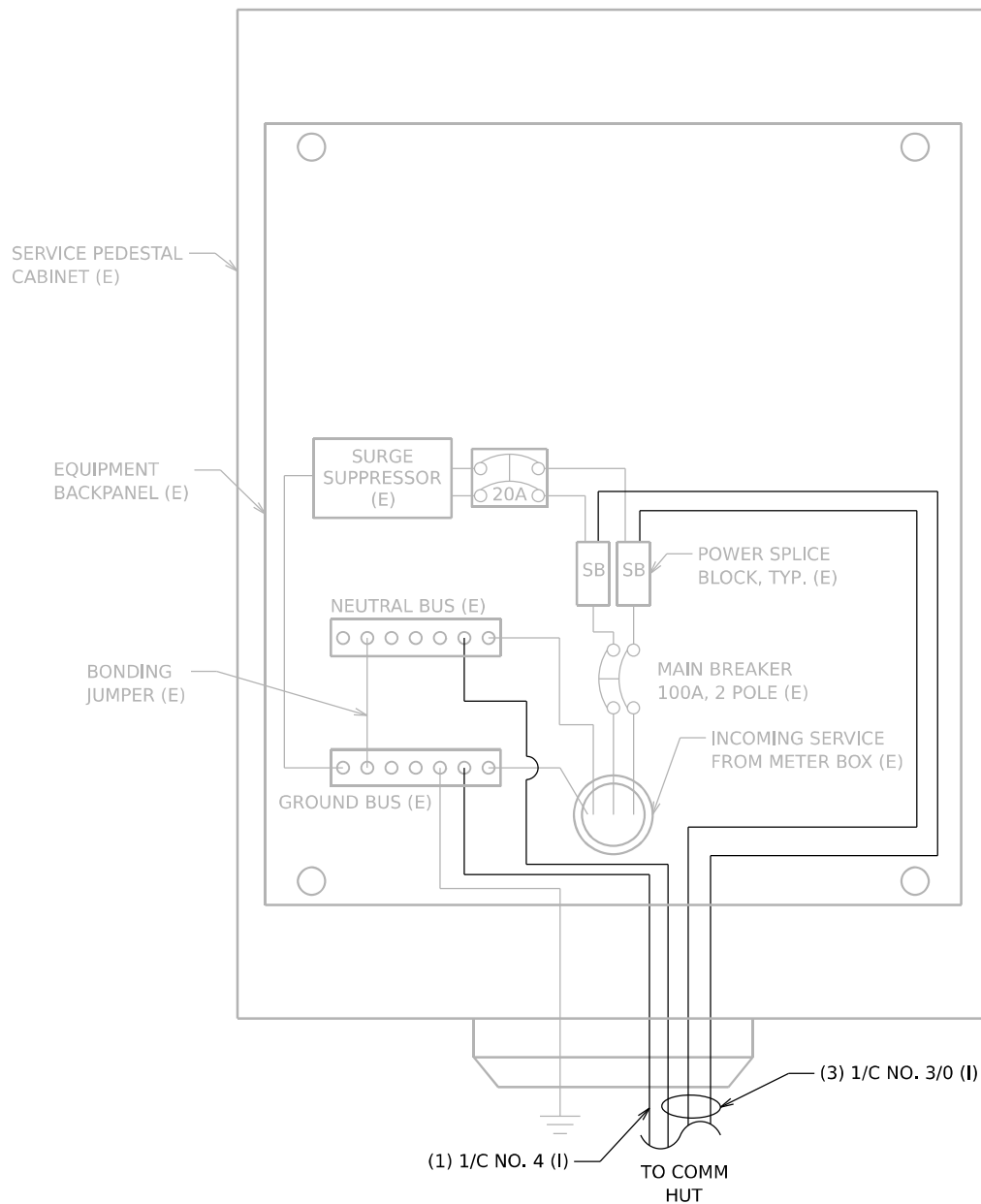


**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 303+72
480/240V, 1PH**

NOTES

1. PROVIDE WIRES FROM THE GROUND BUS BAR AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
IE38A	N/A	(1) 1/C NO. 8 (I)
IE38	N/A	(1) 1/C NO. 8 (I)
IE37D	N/A	(1) 1/C NO. 8 (I)



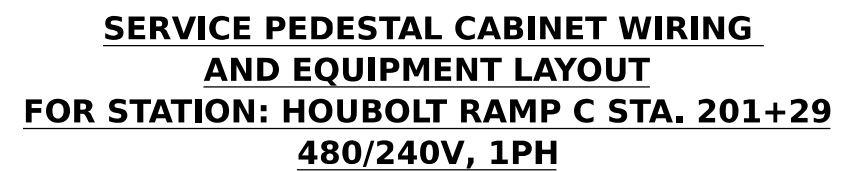
**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 339+90
240/120V, 1PH**

MODEL: 2D SHEET 14
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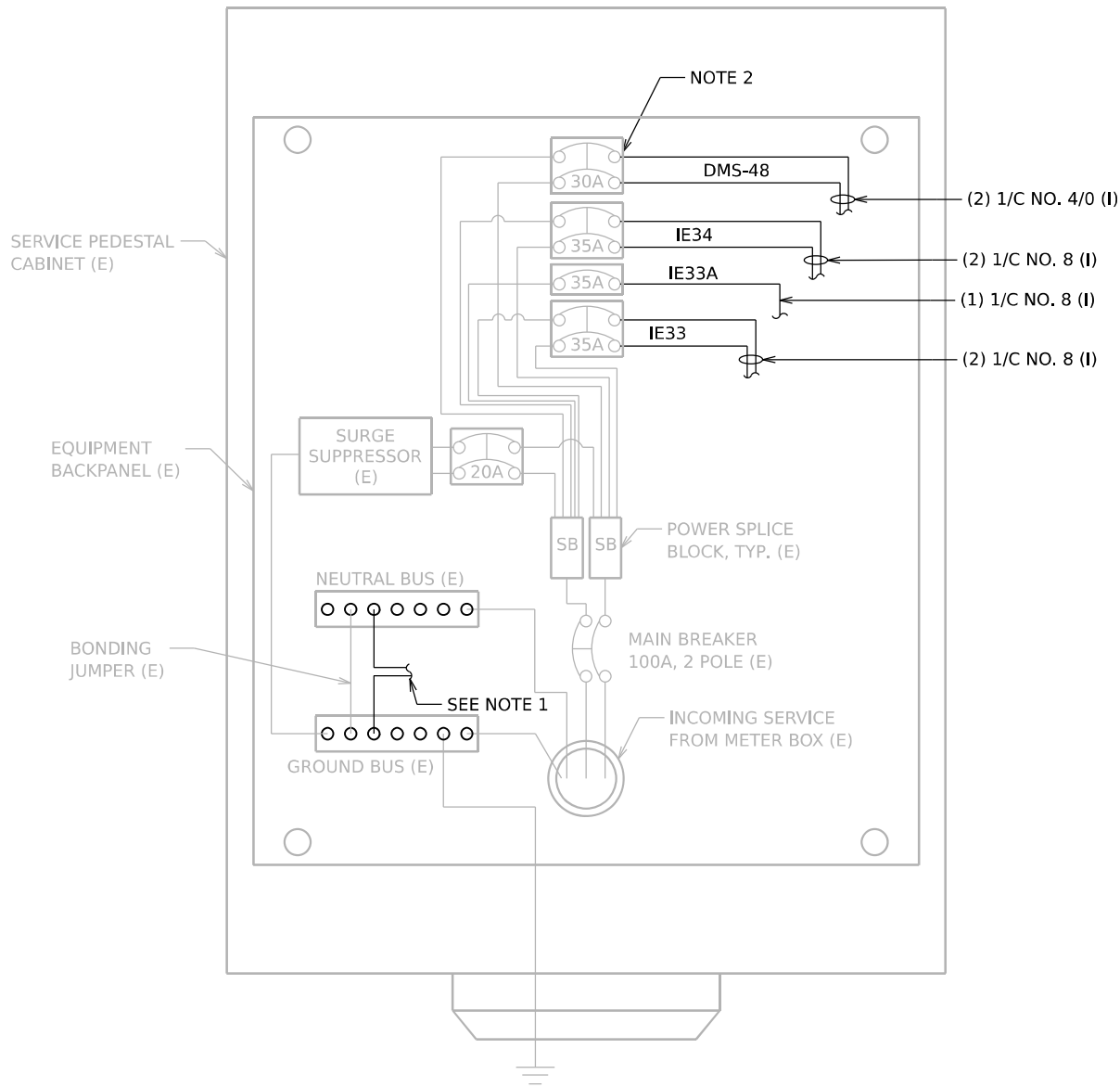
1. PROVIDE WIRES FROM THE GROUND BUS BAR AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
IE36A	N/A	(1) 1/C NO. 8 (I)
IE36B	N/A	(1) 1/C NO. 8 (I)



2. PROVIDE WIRES FROM THE GROUND BUS BAR AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
IE35	N/A	(1) 1/C NO. 8 (I)
IE34B	N/A	(1) 1/C NO. 8 (I)



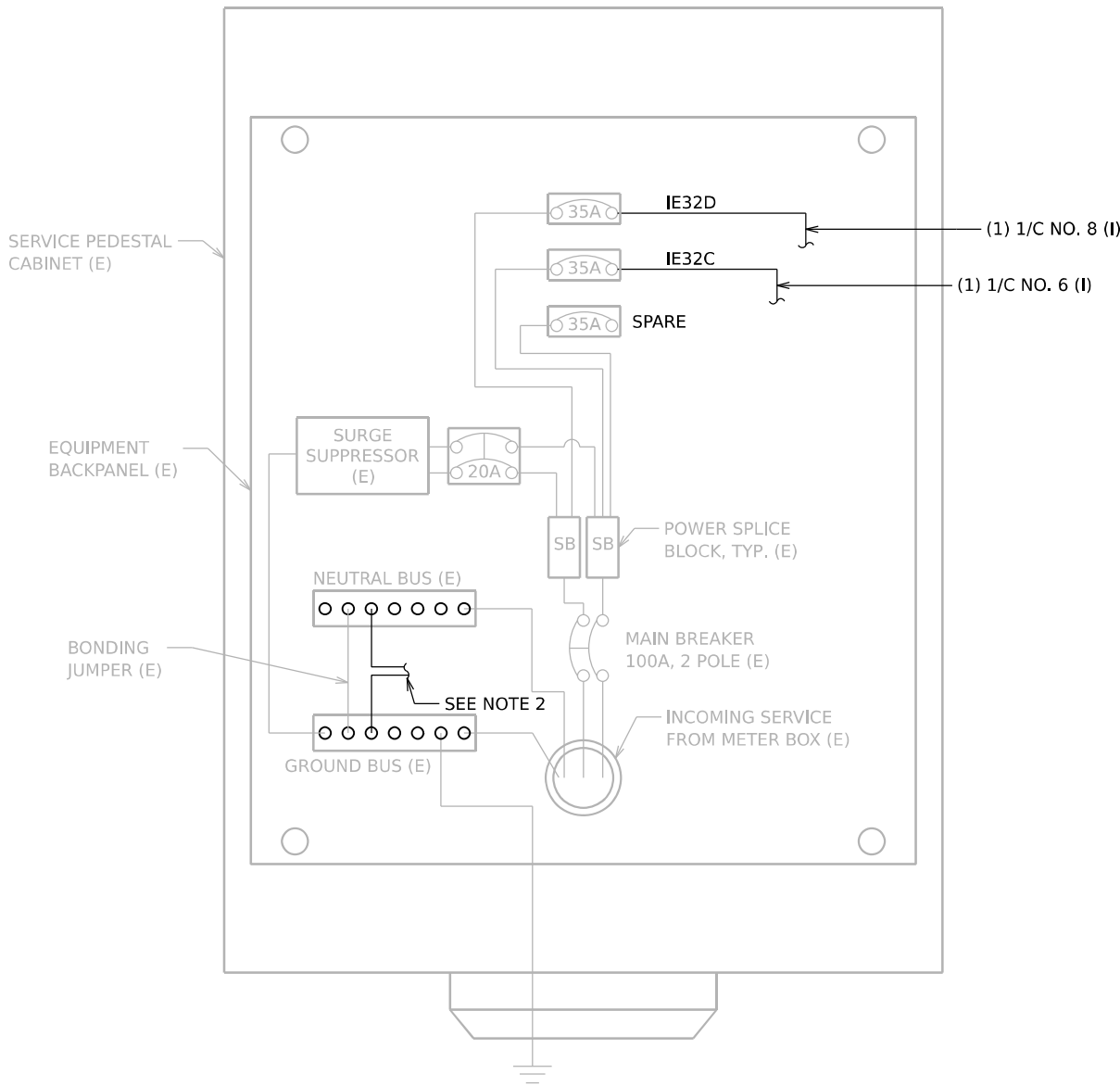
**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 545+02
480/240V, 1PH**

NOTES

1. PROVIDE WIRES FROM THE NEUTRAL AND GROUND BUS BARS AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
DMS-48	N/A	(1) 1/C NO. 2 (I)
IE34	N/A	(1) 1/C NO. 8 (I)
IE33A	(1) 1/C NO. 8 (I)	(1) 1/C NO. 8 (I)
IE33	N/A	(1) 1/C NO. 8 (I)

2. INSTALL COPPER TERMINAL LUG TO TRANSITION THE PROPOSED #4/0 AWG CABLE TO THE EXISTING CABINET BREAKER.

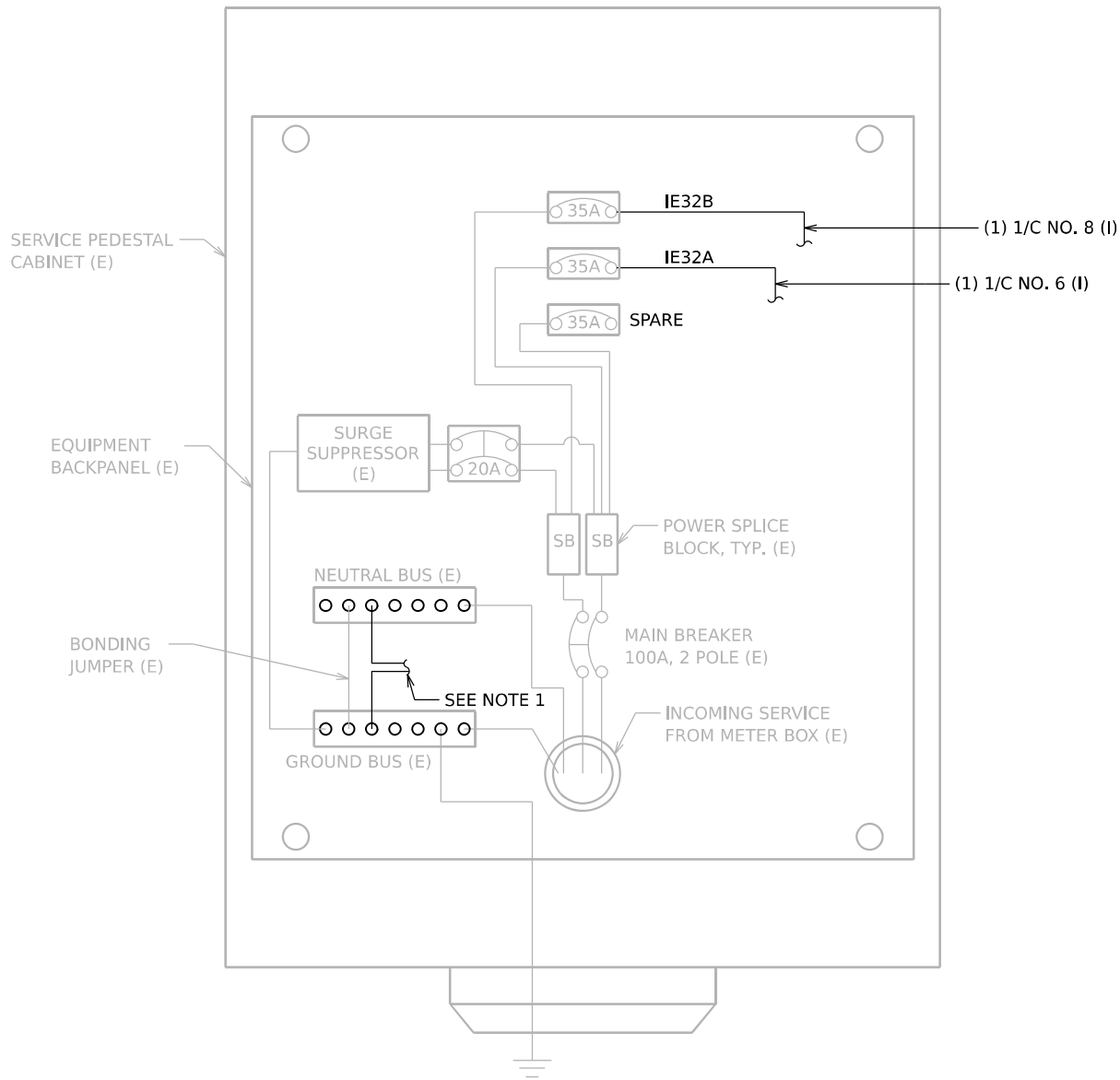


**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 579+27
480/240V, 1PH**

2. PROVIDE WIRES FROM THE NEUTRAL AND GROUND BUS BARS AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
IE32D	(1) 1/C NO. 8 (I)	(1) 1/C NO. 8 (I)
IE32C	(1) 1/C NO. 6 (I)	(1) 1/C NO. 8 (I)

MODEL: 2D SHEET 14
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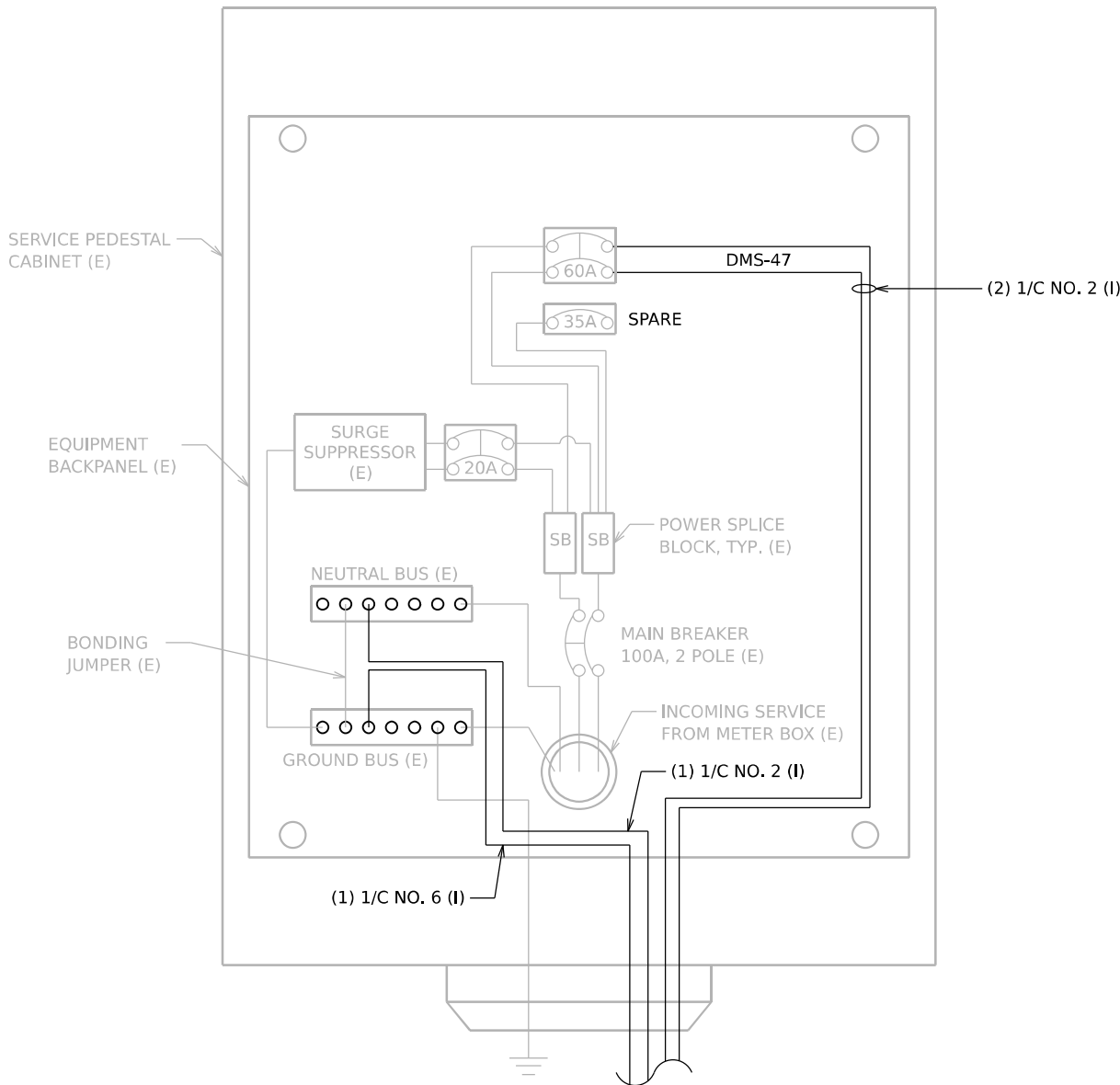


**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 602+62
480/240V, 1PH**

NOTES

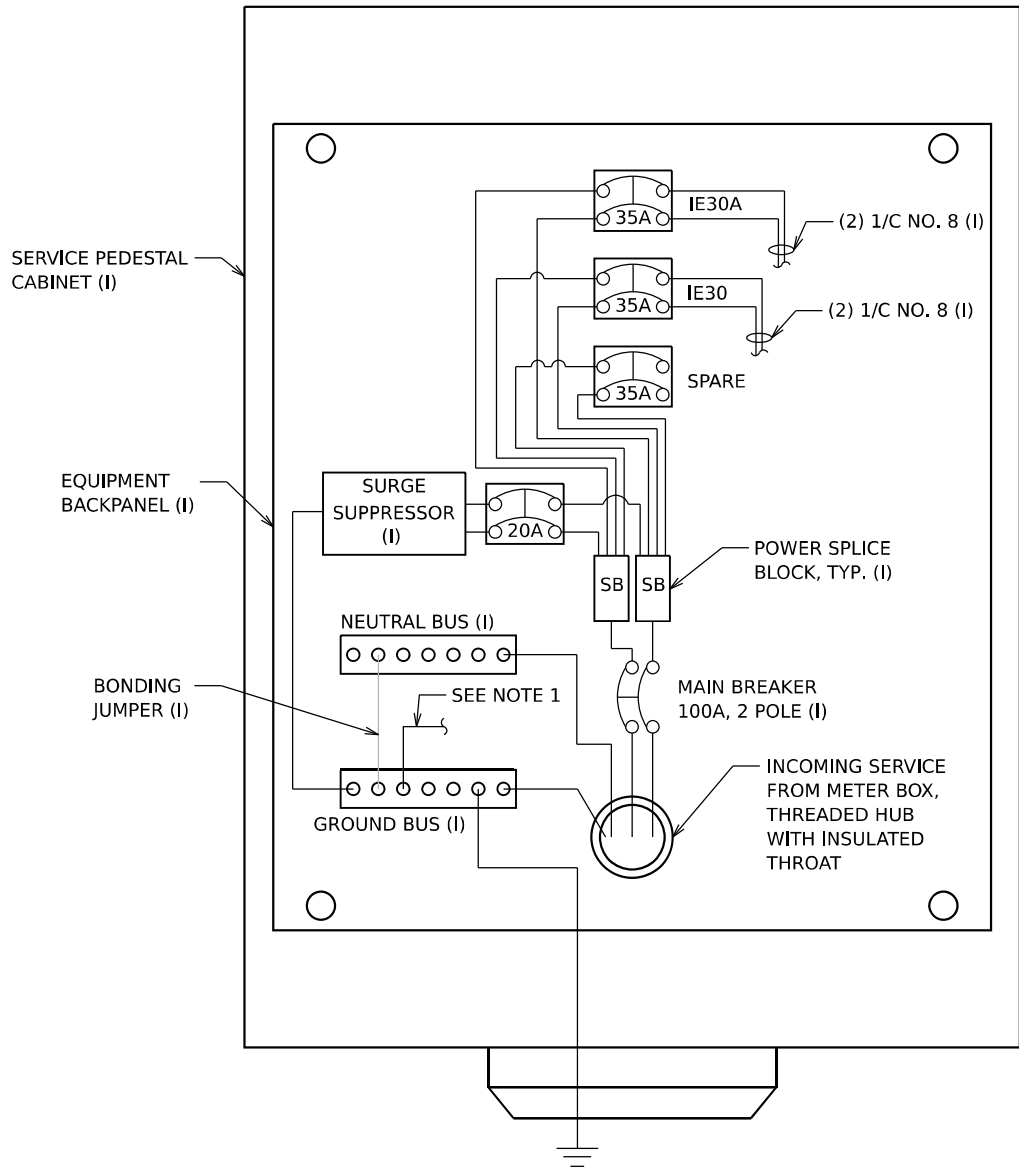
1. PROVIDE WIRES FROM THE NEUTRAL AND GROUND BUS BARS AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
IE32B	(1) 1/C NO. 8 (I)	(1) 1/C NO. 8 (I)
IE32A	(1) 1/C NO. 6 (I)	(1) 1/C NO. 8 (I)



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 623+40
240/120V, 1PH**

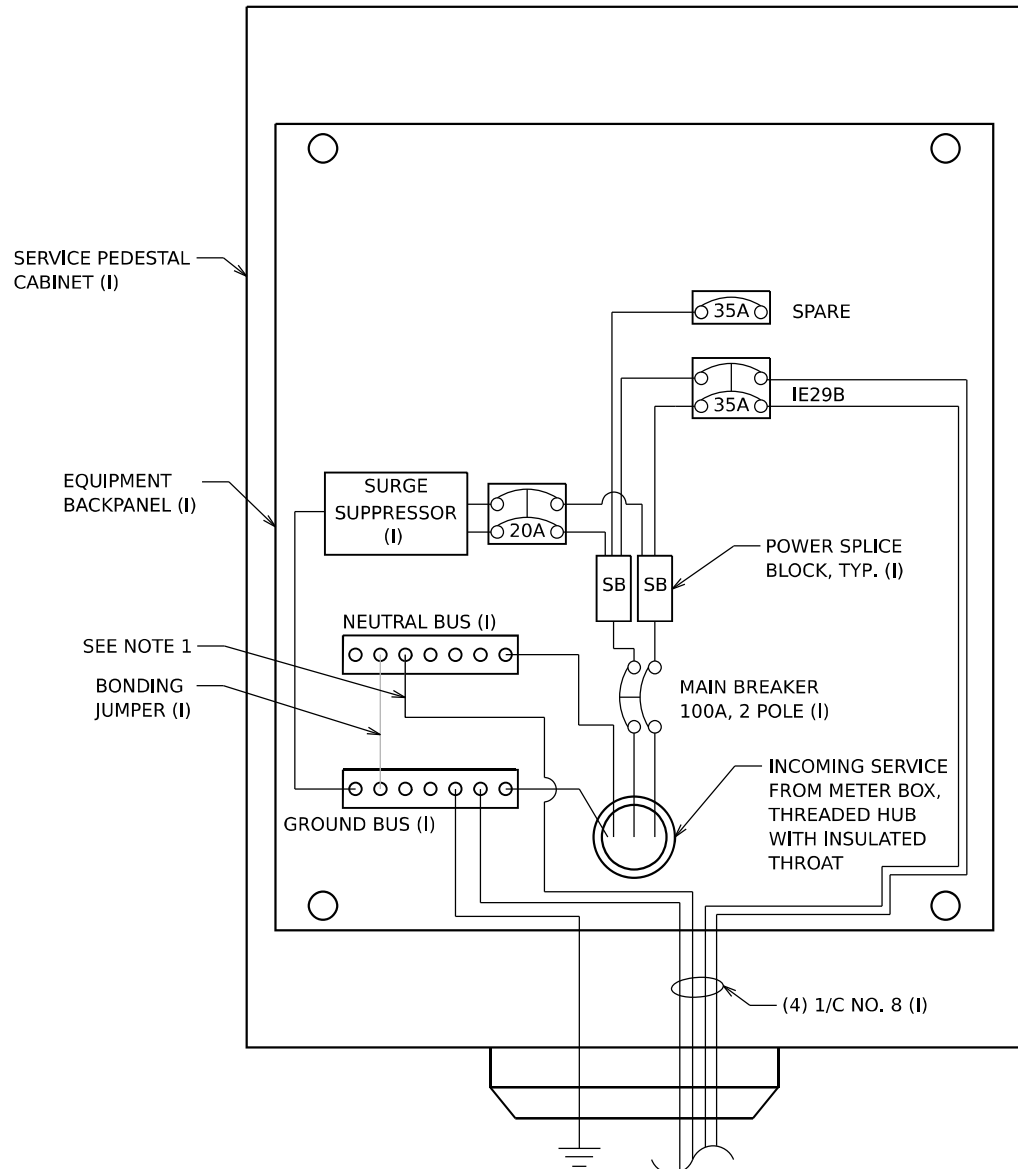
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**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 738+80
480/240V, 1PH**

NOTES

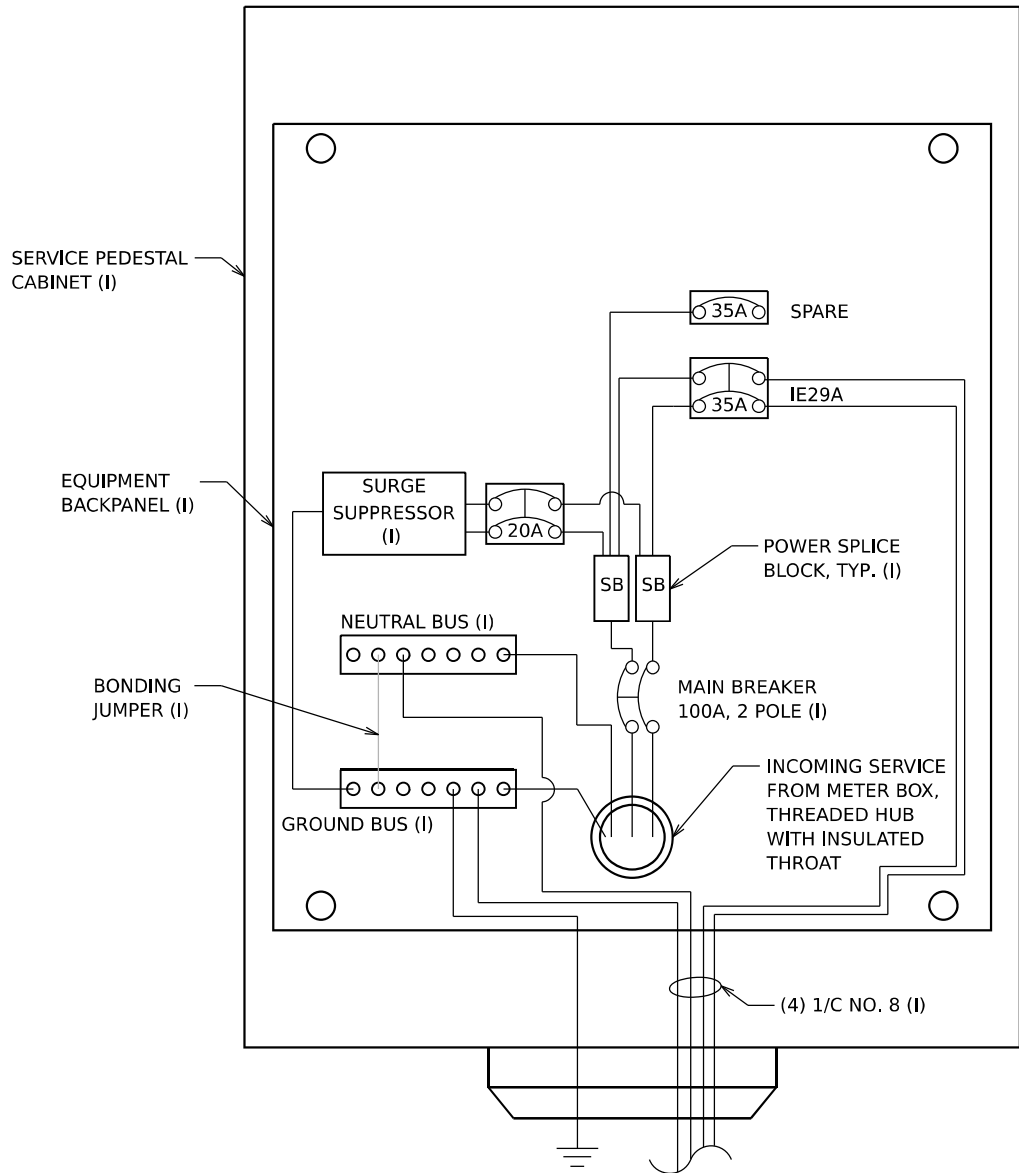
1. PROVIDE (1) 1/C NO. 8 WIRE FROM THE GROUND BUS BAR AND ROUTE TO EACH INDIVIDUAL SITE.
2. THE ELECTRIC SERVICE EQUIPMENT ASSEMBLY SHALL BE UL LABELED, SUITABLE FOR USE AS SERVICE EQUIPMENT.
3. CIRCUIT BREAKERS SHALL BE THERMAL MAGNETIC BOLT-ON TYPE WITH A MINIMUM INTERRUPTING CAPACITY OF 10,000 SYMETRICAL AMPERES AT 240V LINE TO LINE SERVICE OR 14,0000 AT 480V RATED AT LINE TO LINE SERVICE. THEY SHALL BE LOCKABLE IN THE "OFF" POSITION FOR COMPLIANCE WITH OSHA LOCK-OUT/TAG-OUT REQUIREMENTS. HANDLES SHALL BE TRIP FREE.
4. THE SURGE PROTECTOR SHALL BE SUITABLE FOR THE INCOMING SINGLE PHASE 60HZ AC ELECTRICAL SERVICE, WITH A SURGE CURRENT RATING OF 50.00 AMPS OR BETTER, RATED -40 TO 65 DEGREES C., WITH LED OPERATING IDICATORS, AND SHALL BE UL LISTED PER UL 1449. SURGE PROTECTOR SHALL BE WIRED FOR THE INCOMING SERVICE VOLTAGE. FOLLOW MANUFACTURER RECOMMENDED WIRING SPECIFICATIONS.



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 755+86
240/120V, 1PH**

5. BUS BARS, CONNECTORS AND LUGS SHALL BE COPPER, INSULATED AND ISOLATED AND CONFIGURED TO PREVENT SHORTED CONDITIONS FROM TIGHTENING TERMINATIONS, ETC. THE OVERALL BUS SECTION SHALL BE CONFIGURED BEHIND AN INSULATING BARRIER SHIELD WHICH IS REMOVABLE FOR ACCESS TO CONNECTIONS.
6. A PLASTIC LAMINATED CABINET LAYOUT DIAGRAM, CIRCUIT SCHEMATIC, AND BILL OF MATERIALS WITH CATALOG NUMBERS USED SHALL BE AFFIXED TO THE INTERIOR SIDE OF THE ENCLOSURE DOOR.
7. EQUIPMENT IN DIAGRAMS ABOVE ARE NOT TO SCALE AND WIRING SCHEMATIC IS DIAGRAMMATIC. CONTRACTOR TO SUBMIT WIRING DIAGRAM AND EQUIPMENT LAYOUT FOR APPROVAL BY THE ENGINEER.

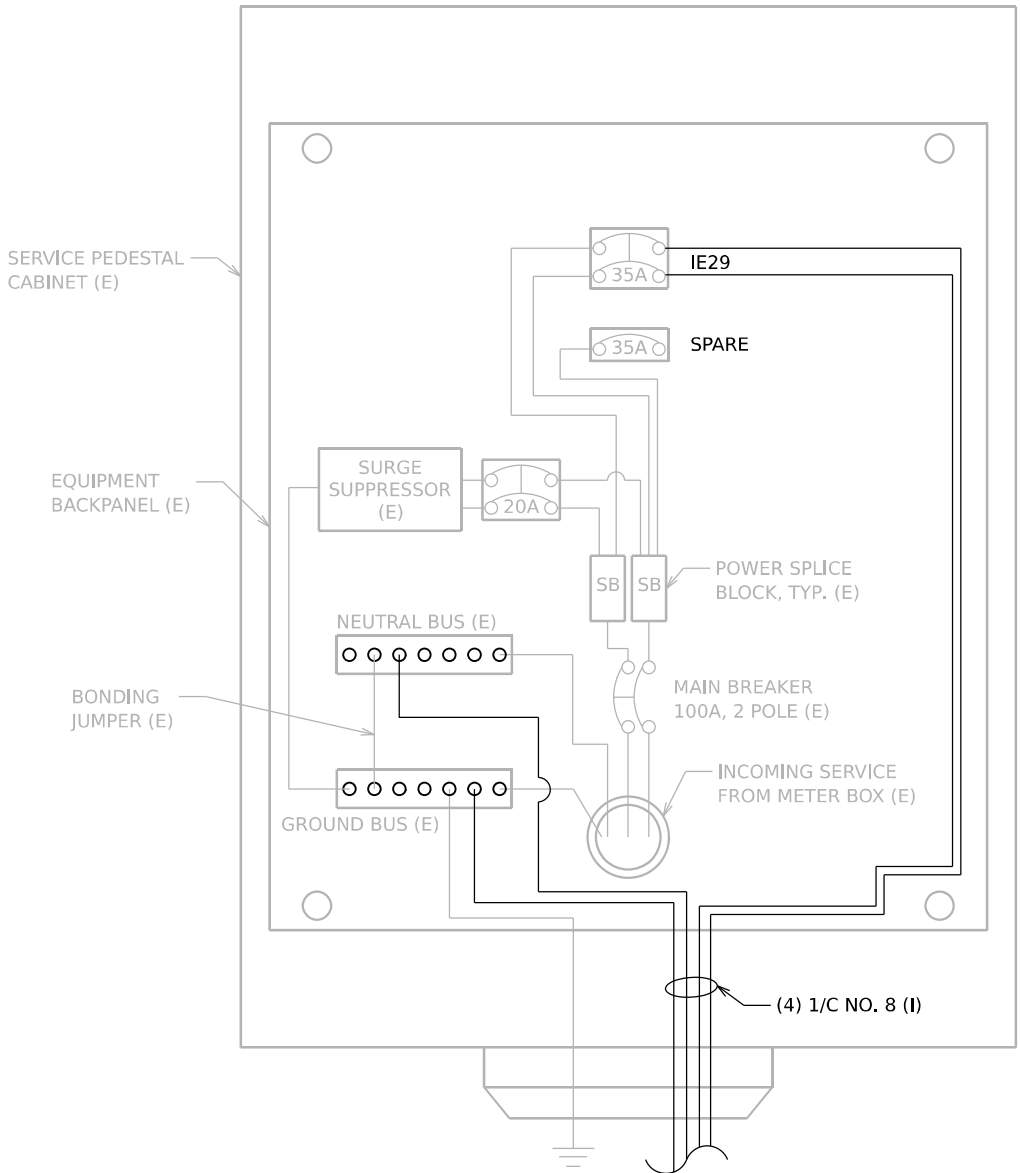
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**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 770+69
240/120V, 1PH**

NOTES

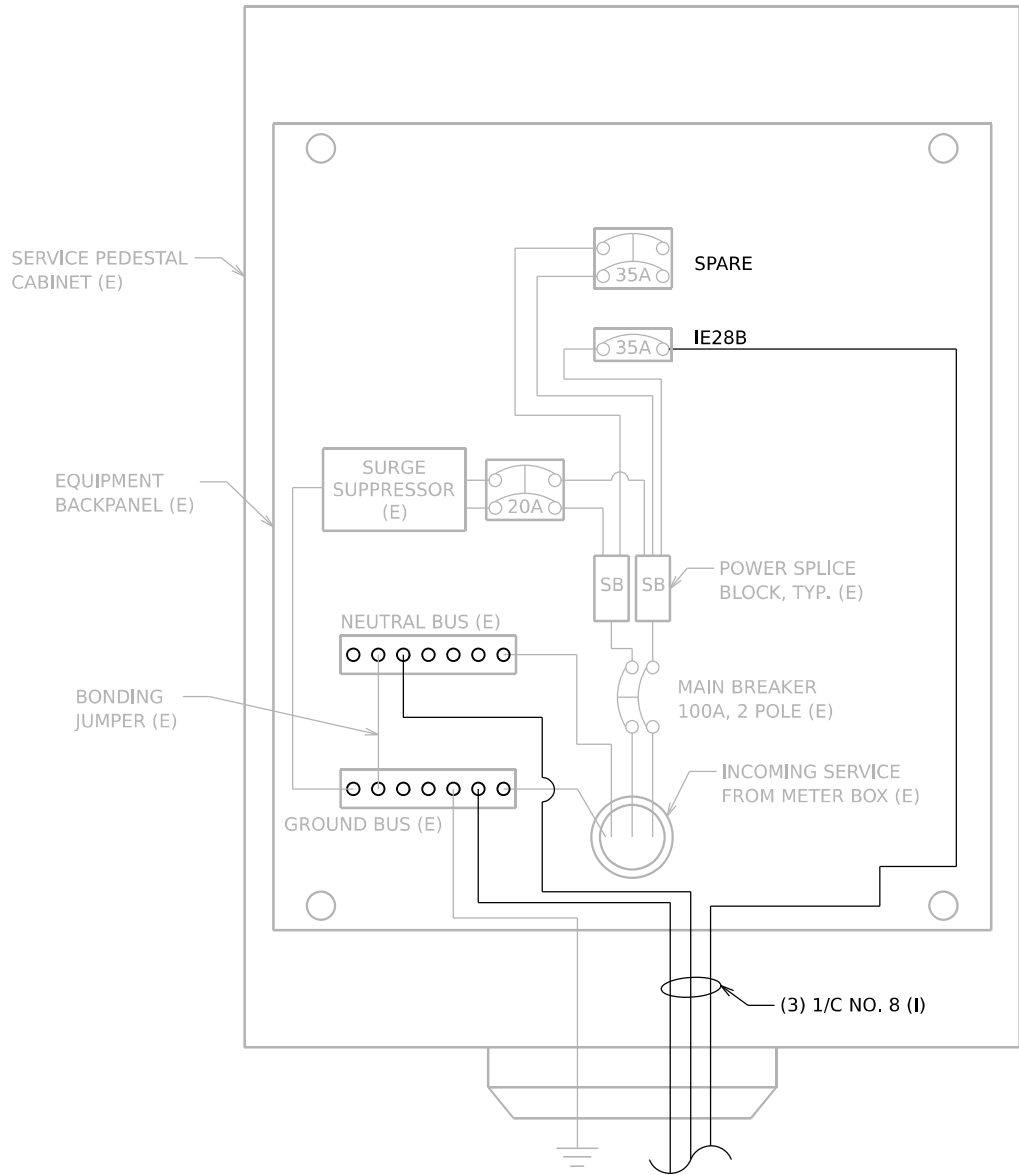
1. THE ELECTRIC SERVICE EQUIPMENT ASSEMBLY SHALL BE UL LABELED, SUITABLE FOR USE AS SERVICE EQUIPMENT.
2. CIRCUIT BREAKERS SHALL BE THERMAL MAGNETIC BOLT-ON TYPE WITH A MINIMUM INTERRUPTING CAPACITY OF 10,000 SYMETRICAL AMPERES AT 240V LINE TO LINE SERVICE OR 14,0000 AT 480V RATED AT LINE TO LINE SERVICE. THEY SHALL BE LOCKABLE IN THE "OFF" POSITION FOR COMPLIANCE WITH OSHA LOCK-OUT/TAG-OUT REQUIREMENTS. HANDLES SHALL BE TRIP FREE.
3. THE SURGE PROTECTOR SHALL BE SUITABLE FOR THE INCOMING SINGLE PHASE 60HZ AC ELECTRICAL SERVICE, WITH A SURGE CURRENT RATING OF 50,00 AMPS OR BETTER, RATED -40 TO 65 DEGREES C., WITH LED OPERATING IDICATORS, AND SHALL BE UL LISTED PER UL 1449. SURGE PROTECTOR SHALL BE WIRED FOR THE INCOMING SERVICE VOLTAGE. FOLLOW MANUFACTURER RECOMMENDED WIRING SPECIFICATIONS.



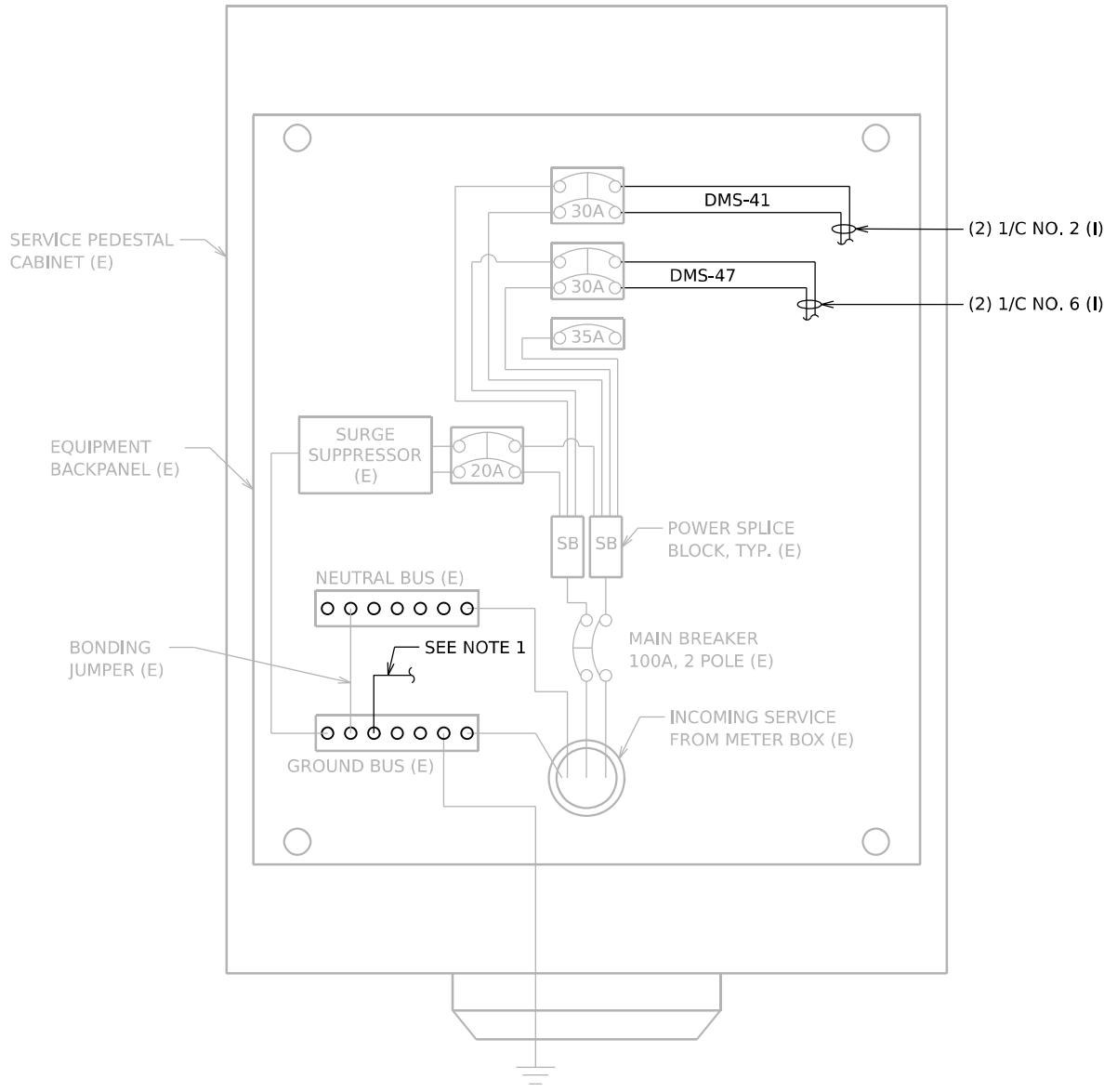
**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 783+69
240/120V, 1PH**

4. BUS BARS, CONNECTORS AND LUGS SHALL BE COPPER, INSULATED AND ISOLATED AND CONFIGURED TO PREVENT SHORTED CONDITIONS FROM TIGHTENING TERMINATIONS, ETC. THE OVERALL BUS SECTION SHALL BE CONFIGURED BEHIND AN INSULATING BARRIER SHIELD WHICH IS REMOVABLE FOR ACCESS TO CONNECTIONS.
5. A PLASTIC LAMINATED CABINET LAYOUT DIAGRAM, CIRCUIT SCHEMATIC, AND BILL OF MATERIALS WITH CATALOG NUMBERS USED SHALL BE AFFIXED TO THE INTERIOR SIDE OF THE ENCLOSURE DOOR.
6. EQUIPMENT IN DIAGRAMS ABOVE ARE NOT TO SCALE AND WIRING SCHEMATIC IS DIAGRAMMATIC. CONTRACTOR TO SUBMIT WIRING DIAGRAM AND EQUIPMENT LAYOUT FOR APPROVAL BY THE ENGINEER.

MODEL: 2D SHEET 14
FILE NAME: C:\TRAFFIC\SYSTEMS\PIV\LOCAL\TRANS\SYSTEMS-RW\01\DM632656\62R19-9-SHT-ITS-POWER-08.DGN



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 800+18
480/240V, 1PH**



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 867+05
480/240V, 1PH**

NOTES

1. PROVIDE WIRES FROM THE GROUND BUS BAR AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
DMS-41	N/A	(1) 1/C NO. 6 (I)
DMS-47	N/A	(1) 1/C NO. 8 (I)

MODEL 2D SHEET 14
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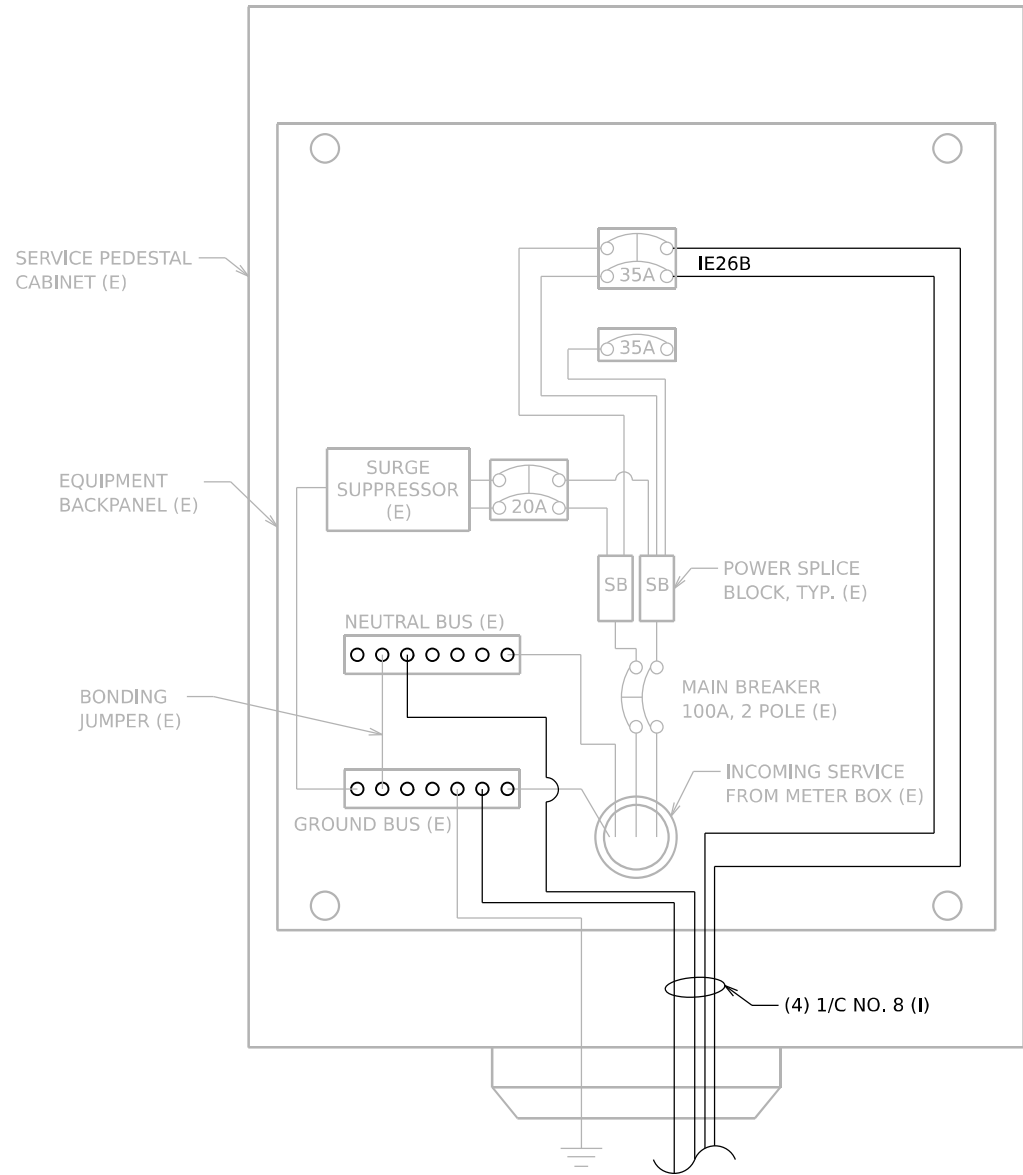


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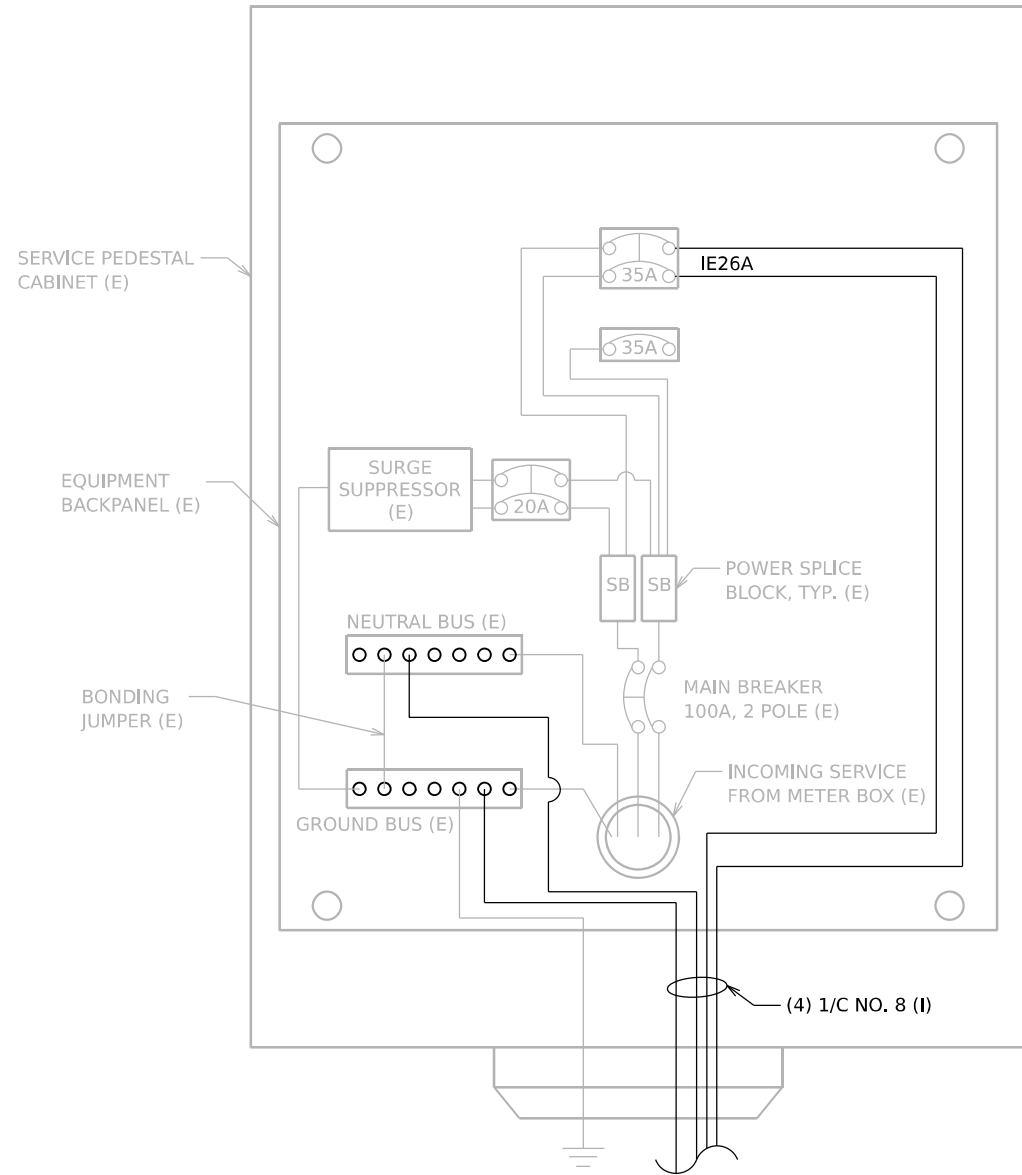
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 SERVICE METER PEDESTAL DETAILS			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	313
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 895+10
240/120V, 1PH**



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 919+54
240/120V, 1PH**

MODEL 2D SHEET 14
FILE NAME: C:\TRANSPORT\SYSTEMS\LOCAL\TRANSPORT\SYSTEMS\HW\01\DM\62R19\9-SHT-ITS-POWER-10.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

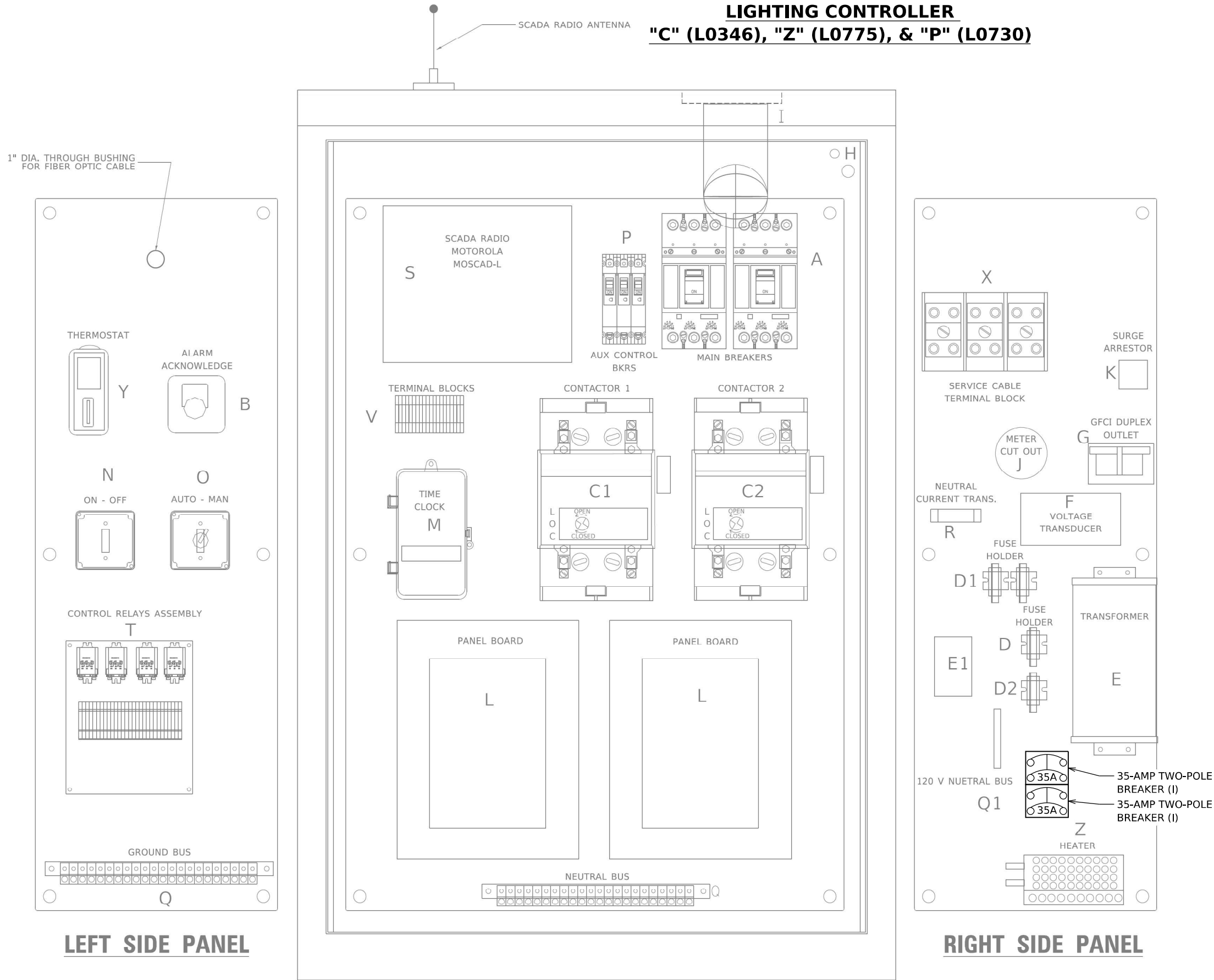
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PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 SERVICE METER PEDESTAL DETAILS			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	314
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

LIGHTING CONTROLLER
"C" (L0346), "Z" (L0775), & "P" (L0730)



EXISTING BILL OF MATERIALS		
ITEM	QTY	DESCRIPTION
A	2	MAIN CIRCUIT BREAKERS 2 POLE 200 AMP WITH AUX CONTACT
B	1	ACKNOWLEDGE SWITCH, PUSH BUTTON WITH YELLOW INSERT
C1, C2 *	2	CONTACTOR 2 POLE 200 AMP 240V COIL WITH AUX CONTACTS
D	1	FINGERSAFE FUSE HOLDER WITH KTK - 20A FUSE
D1	2	FINGERSAFE FUSE HOLDER WITH KTK - ½ A FUSE
D2	1	FINGERSAFE FUSE HOLDER WITH KTK - 2A FUSE
E	1	2.0 KVA 277V-240/120 TRANSFORMER
E1	1	0.25 KVA240/ 120 - 24 VAC TRANSFORMER
F	1	VOLTAGE TRANSDUCER WITH COVER TERMINALS
G	1	20 AMP GFCI DUPLEX OUTLET W/COVER
H	2	DOOR SWITCH
I	1	LIGHT FIXTURE
J	1	METER FITTING 1 PHASE 3 WIRE 200 AMP
K	1	SURGE ARRESTER
L	2	PANEL BOARD 480/ 240V 1 PHASE, 250 AMP COPPER BUS
M	1	2 CHANNEL DIGITAL TIME CLOCK
N	1	MOMENTARY SWITCH ON - OFF
O	1	SQUARE D, 9001KS11BH13, 2 POSITION SWITCH IN 9001KY1 ENCLOSURE OR APPROVED EQUAL
P	2	BREAKER 1P 15A
Q	2	COPPER GROUND AND NEUTRAL BUS 1 X 16 X 1/4
Q1	1	COPPER NEUTRAL BUS WITH 1 #6 AND 8 #12 CONDUCTOR POINTS
R	1	CURRENT TRANSDUCER
S	1	MOTOROLA MOSCAD-L RADIO, 240 V
T *	1	CONTROL RELAY ASSEMBLY 240V COILS WITH 4 - 3PDT 25A RELAYS (W389ACX-15) (R1, R2, R3, R4). QTY 32 TERMINAL BLOCKS
V	20	TERMINAL BLOCKS
X *	1	620 AMP SPLICE BLOCK
Y	1	40-80 DEGREE THERMOSTAT
Z	1	375 WATT HEATER

* TERMINALS SHALL BE COVERED WITH
CLEAR PLEXIGLASS SHEET

MODEL 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\01\DM632656\62R19-SHT-ITS-POWER-11.DGN

MODEL: 2D SHEET 14
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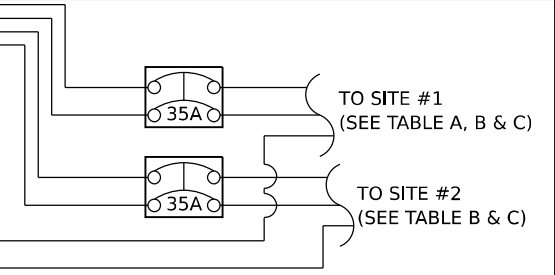
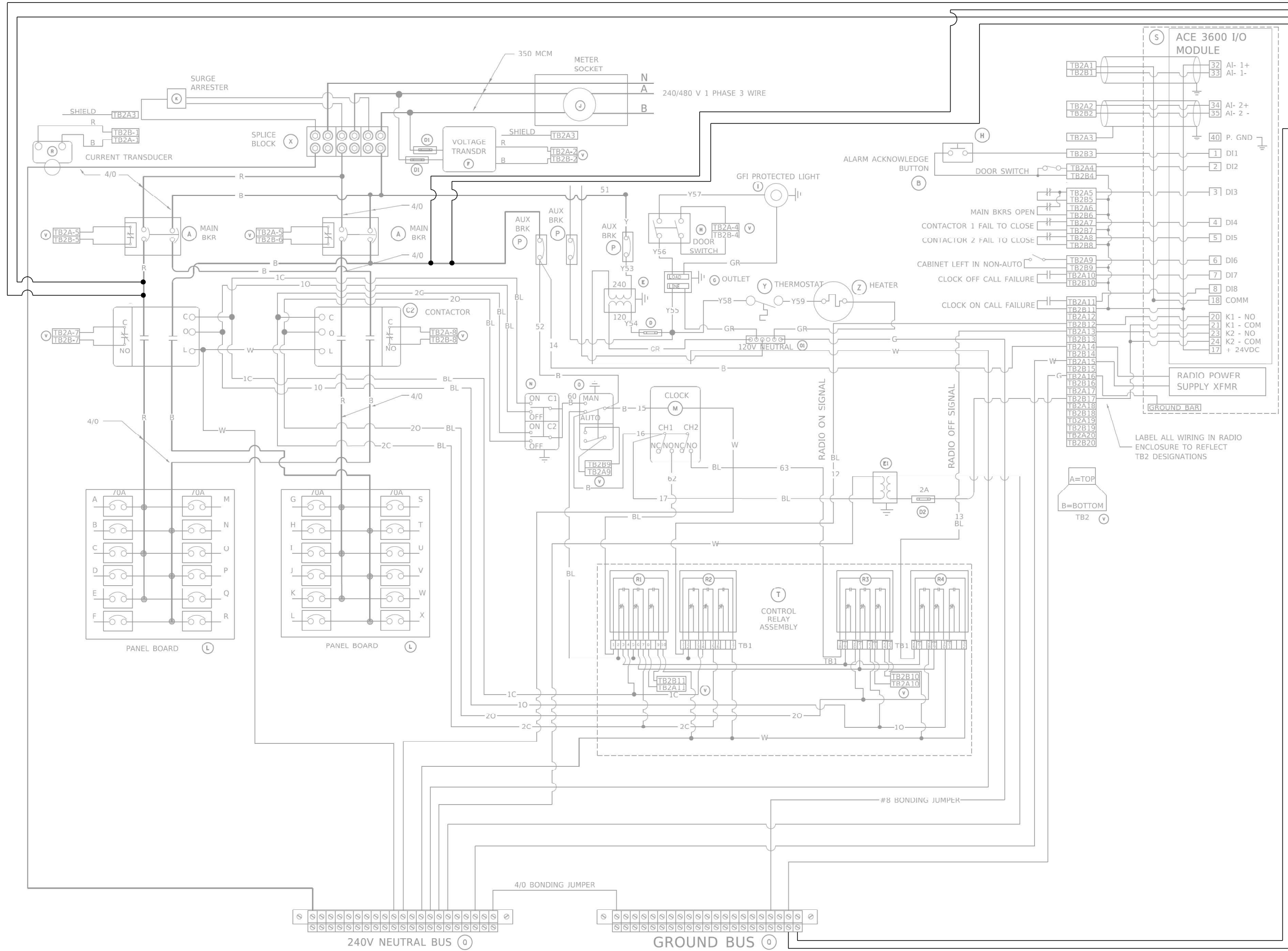


TABLE A: LC "C" (L0346)			
SITE #	SITE ID	PHASE WIRES	GROUND WIRE
1	IE37	(2) 1/C NO. 8	(1) 1/C NO. 8 (I)

TABLE B: LC "Z" (L0775)			
SITE #	SITE ID	PHASE WIRES	GROUND WIRE
1	IE36	(2) 1/C NO. 6	(1) 1/C NO. 8 (I)
2	IE35A	(2) 1/C NO. 8	(1) 1/C NO. 8 (I)

TABLE C: LC "P" (L0730)			
SITE #	SITE ID	PHASE WIRES	GROUND WIRE
1	IE28A	(2) 1/C NO. 8	(1) 1/C NO. 8 (I)
2	IE28	(2) 1/C NO. 8	(1) 1/C NO. 8 (I)

EXISTING BILL OF MATERIALS		
ITEM	QTY	DESCRIPTION
A	2	MAIN CIRCUIT BREAKERS 2 POLE 200 AMP WITH AUX CONTACT
B	1	ACKNOWLEDGE SWITCH, PUSH BUTTON WITH YELLOW INSERT
C1, C2*	2	CONTACTOR 2 POLE 200 AMP 240V COIL WITH AUX CONTACTS
D	1	FINGERSAFE FUSE HOLDER WITH KTK - 20A FUSE
D1	2	FINGERSAFE FUSE HOLDER WITH KTK - 1/2 A FUSE
D2	1	FINGERSAFE FUSE HOLDER WITH KTK - 2A FUSE
E	1	2.0 KVA 277V-240/120 TRANSFORMER
E1	1	0.25 KVA240/ 120 - 24 VAC TRANSFORMER
F	1	VOLTAGE TRANSDUCER WITH COVER TERMINALS
G	1	20 AMP GFCI DUPLEX OUTLET W/COVER
H	2	DOOR SWITCH
I	1	LIGHT FIXTURE
J	1	METER FITTING 1 PHASE 3 WIRE 200 AMP
K	1	SURGE ARRESTER
L	2	PANEL BOARD 480/ 240V 1 PHASE, 250 AMP COPPER BUS
M	1	2 CHANNEL DIGITAL TIME CLOCK
N	1	MOMENTARY SWITCH ON - OFF
O	1	SQUARE D, 9001K511BH13, 2 POSITION SWITCH IN 9001KY1 ENCLOSURE OR APPROVED EQUAL
P	2	BREAKER 1P 15A
Q	2	COPPER GROUND AND NEUTRAL BUS 1 X 16 X 1/4
Q1	1	COPPER NEUTRAL BUS WITH 1 #6 AND 8 #12 CONDUCTOR POINTS
R	1	CURRENT TRANSDUCER
S	1	MOTOROLA MOSCAD-L RADIO, 240 V
T*	1	CONTROL RELAY ASSEMBLY 240V COILS WITH 4 - 3PDT 25A RELAYS (W389ACX-15) (R1, R2, R3, R4). QTY 32 TERMINAL BLOCKS
V	20	TERMINAL BLOCKS
X*	1	620 AMP SPLICE BLOCK
Y	1	40-80 DEGREE THERMOSTAT
Z	1	375 WATT HEATER

* TERMINALS SHALL BE COVERED WITH CLEAR PLEXIGLASS SHEET

LIGHTING CONTROLLER
"C" (L0346), "Z" (L0775), & "P" (L0730)



USER NAME = SALASL	DESIGNED - REL	REVISED -
DRAWN - DJM	REVISED -	
PLOT SCALE = 0.16666667" / IN.	CHECKED - WDS	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 LIGHTING CONTROLLER DETAILS			
SCALE: N.T.S.	SHEET	OF	SHEETS
STA.	TO STA.		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	316
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



DISCONNECT SWITCH

NOTES

1. UNLESS OTHERWISE INDICATED, ALL ITEMS AND WORK SHOWN SHALL BE INCLUDED AND PAID AS PART OF THE DISCONNECT SWITCH PAY ITEM (X8570100).
2. THIS ITEM SHALL BE MEASURED SEPARATELY FOR PAYMENT.
3. CABINETS, CABINET POSTS AND CABINET PEDESTALS SHALL BE PRIMED AND PAINTED. THE EXTERIOR SHALL HAVE TWO EPOXY FINISH COATS OF ANSI-61 GRAY, THE INTERIOR SHALL BE PAINTED WHITE.
4. THE CABINET SHALL BE 36"H X 20"W X 15"D, FABRICATED FROM ALUMINUM WITH A MINIMUM THICKNESS OF .125", RATED NEMA TYPE 3R AND HAVE A MOUNTING BACK PLATE.
5. THE CABINET DOOR SHALL HAVE A CONTINUOUS HINGE THAT IS BOLTED TO THE CABINET AND DOOR WITH 1/4-20 STAINLESS STEEL CARRIAGE BOLTS AND NY-LOCK NUTS. THE HINGE SHALL BE INSTALLED ON THE RIGHT SIDE WHEN FACING THE CABINET AND BE MADE OF STAINLESS STEEL WITH A 0.25 INCH DIAMETER STAINLESS STEEL HINGE PIN. THE HINGE PIN SHALL BE CAPPED TOP AND BOTTOM BY WELD TO RENDER IT TAMPER-PROOF. THE CABINET SHALL HAVE A GASKET THAT FORMS A WEATHER-TIGHT SEAL BETWEEN THE CABINET AND DOOR. THE DOOR LATCHING MECHANISM SHALL BE THE 3-POINT DRAW ROLLER TYPE. WHEN THE DOOR IS CLOSED AND LATCHED, IT WILL BE LOCKED. THE LATCHING HANDLE SHALL BE FABRICATED FROM A 0.75" STAINLESS STEEL ROUND BAR AND SHALL HAVE A PROVISION FOR PADLOCKING IN THE CLOSED POSITION.
6. THE ENCLOSURE SHALL BE EQUIPPED WITH TWO ADJUSTABLE "C" MOUNTING CHANNELS WELDED ON BOTH SIDE WALLS AND BACK WALL OF THE ENCLOSURE, ALLOWING VERSATILE POSITIONING OF SHELVES OR PANELS. MOUNTING CHANNELS SHALL BE FACTORY PAINTED SAME COLOR AS INTERIOR OF CABINET.
7. CABINET DOOR SHALL NOT HAVE COMPARTMENT DOORS OR LOUVERS. INTERIOR OF CABINET DOOR SHALL HAVE A PLASTIC POCKET FOR WIRING SCHEMATIC.
8. CONTRACTOR MUST COORDINATE WITH PEDESTAL BASE SUPPLIER AND FURNISH THE NECESSARY ANCHOR RODS.
9. THE EQUIPMENT ASSEMBLY SHALL BE ASSEMBLED BY A UL 508A INDUSTRIAL CONTROL PANEL FABRICATOR. THE PANEL ASSEMBLY SHALL BE UL LABELED AND SUITABLE FOR USE AS SERVICE EQUIPMENT.
10. ALL EQUIPMENT SHALL BE GROUNDED AND BONDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND THE NATIONAL ELECTRICAL SAFETY CODE.

DISCONNECT SWITCH
CABINET (I)

EQUIPMENT
BACKPANEL (I)

BONDING
JUMPER (I)

STEP-DOWN
TRANSFORMER (I)
NOTE 2

2KVA STEP-DOWN
TRANSFORMER

NEUTRAL BUS (I)

GROUND BUS (I)

MAIN BREAKER
30A, 2 POLE (I)

CABLES FROM SERVICE
METER PEDESTAL
(480/240V, 1PH)

CABLES TO 336S CABINET
(240/120V, 1PH)

**DISCONNECT SWITCH WITH STEP-DOWN
TRANSFORMER FOR ITS SITE**

ABOVE DETAIL IS APPLICABLE TO THE FOLLOWING LOCATIONS:

STATION	OFFSET	SITE ID
171+42	81' RT	IE40A
187+13	90' RT	IE40
222+50	81' RT	IE39A
241+50	87' RT	IE39

STATION	OFFSET	SITE ID
259+50	83' LT	IE38B
278+50	95' LT	IE38A
296+00	98' LT	IE38
315+75	73' RT	IE37D

STATION	OFFSET	SITE ID
369+00	100' LT	IE36B
384+50	83.5' LT	IE36A
411+00	95' RT	IE36
436+25	146' RT	IE35A

STATION	OFFSET	SITE ID
451+65	71' LT	IE35
477+00	110' RT	IE34B
520+75	85' LT	IE34
555+47	100' LT	IE33

STATION	OFFSET	SITE ID
725+59	146' RT	IE30A
732+25	93' RT	IE30
817+73	353' LT	IE28A
829+00	110' LT	IE28

NOTES

- UNLESS OTHERWISE INDICATED, ALL ITEMS AND WORK SHOWN SHALL BE INCLUDED AND PAID AS PART OF THE DISCONNECT SWITCH PAY ITEM (X8570100).
- THIS ITEM SHALL BE MEASURED SEPARATELY FOR PAYMENT.

DISCONNECT SWITCH
CABINET (I)

EQUIPMENT
BACKPANEL (I)

BONDING
JUMPER (I)

STEP-DOWN
TRANSFORMER (I)
NOTE 2

2KVA STEP-DOWN
TRANSFORMER

NEUTRAL BUS (I)

GROUND BUS (I)

MAIN BREAKER
30A, 1 POLE (I)

CABLES FROM SERVICE
METER PEDESTAL
(240V, 1PH)

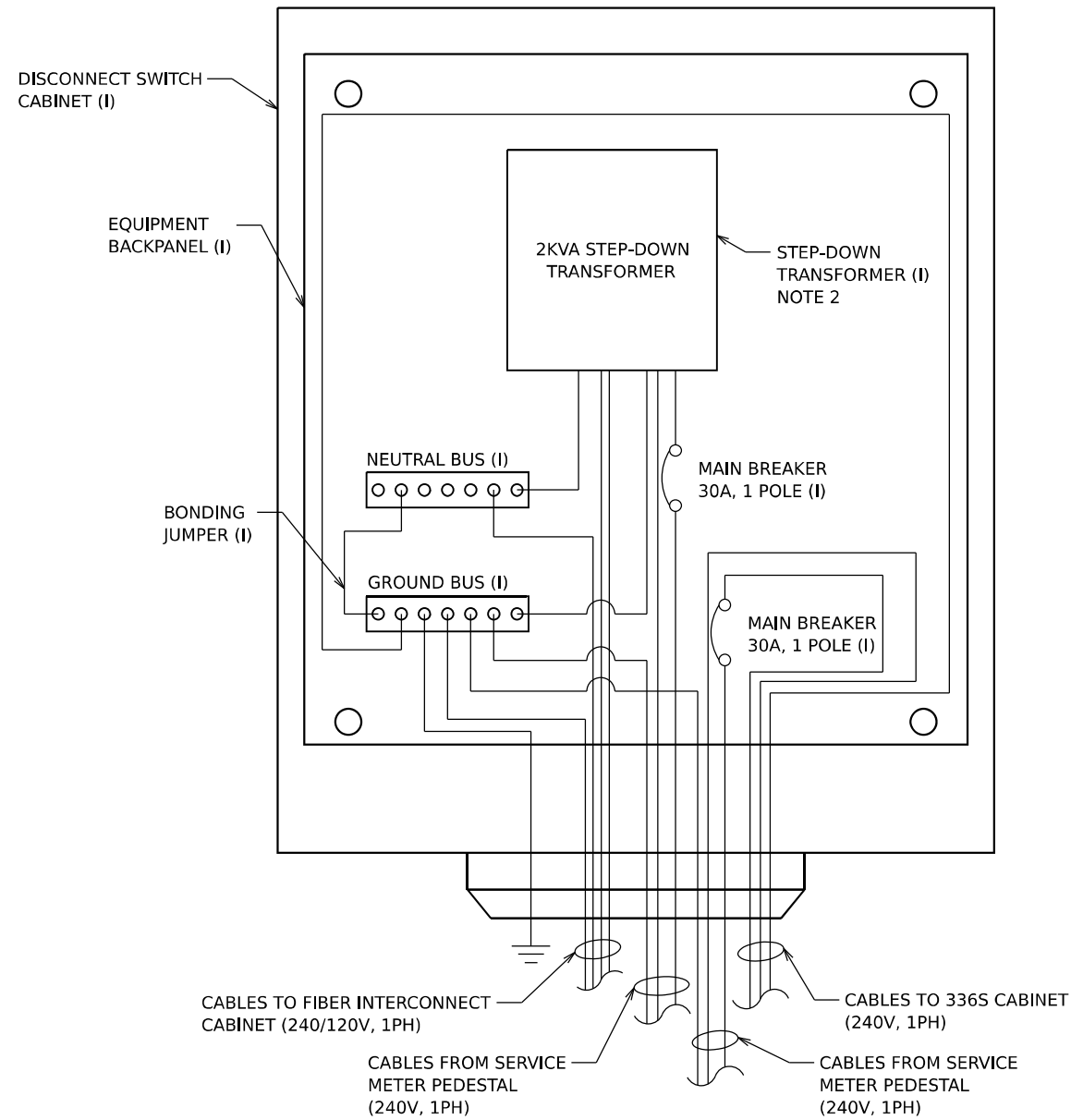
CABLES TO 336S CABINET
(240/120V, 1PH)

**DISCONNECT SWITCH WITH STEP-DOWN
TRANSFORMER FOR ITS SITE**

ABOVE DETAIL IS APPLICABLE TO THE FOLLOWING LOCATIONS:

STATION	OFFSET	SITE ID
586+74	131' RT	IE32C
596+75	88' LT	IE32B
612+25	97' LT	IE32A

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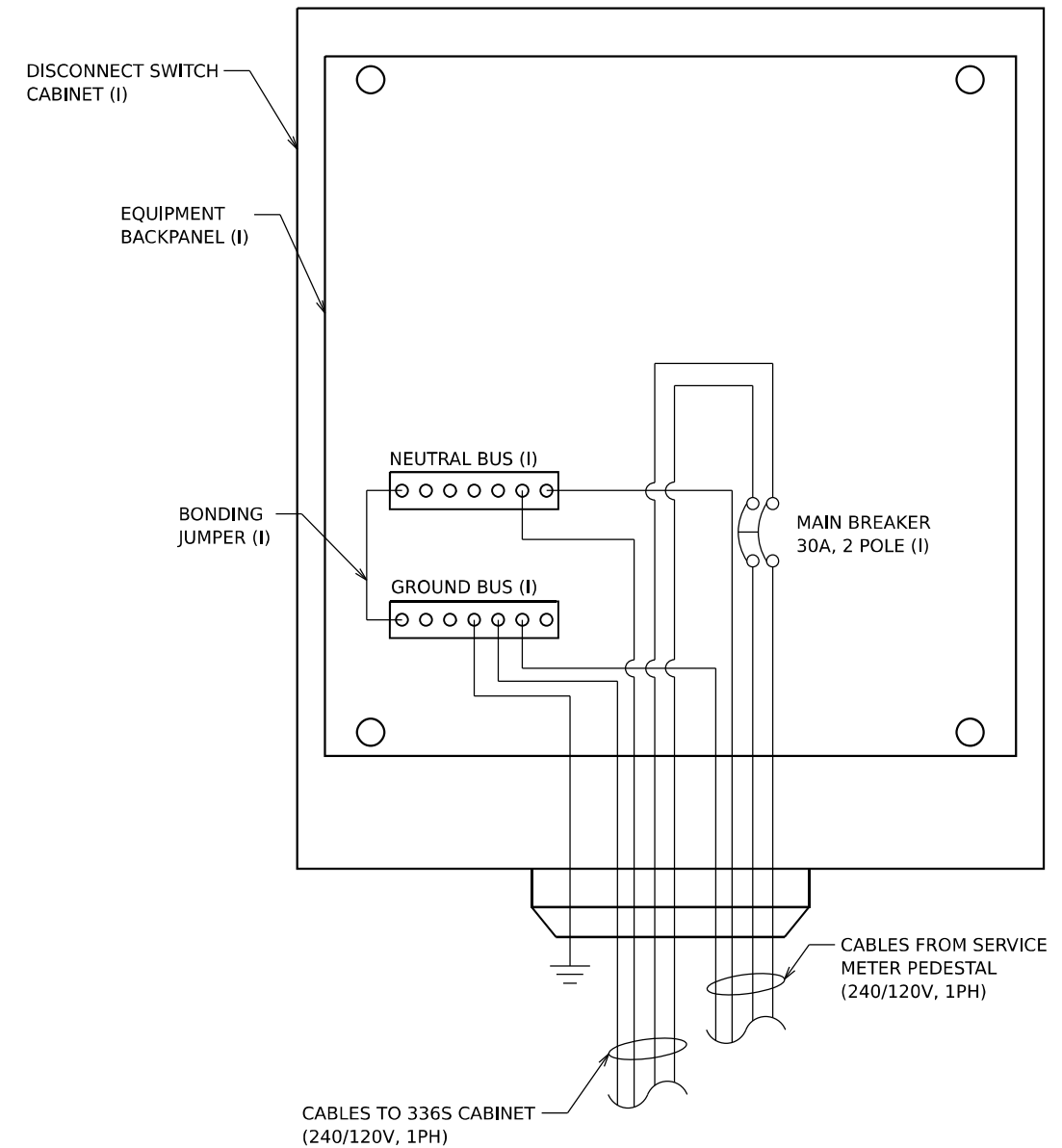
DISCONNECT SWITCH WITH STEP-DOWN TRANSFORMER FOR ITS SITE & FIBER INTERCONNECT CABINET

ABOVE DETAIL IS APPLICABLE TO THE FOLLOWING LOCATION:

STATION	OFFSET	SITE ID
205+63	72' RT	IE39B

NOTES

1. UNLESS OTHERWISE INDICATED, ALL ITEMS AND WORK SHOWN SHALL BE INCLUDED AND PAID AS PART OF THE DISCONNECT SWITCH PAY ITEM (X8570100).
2. THIS ITEM SHALL BE MEASURED SEPARATELY FOR PAYMENT.



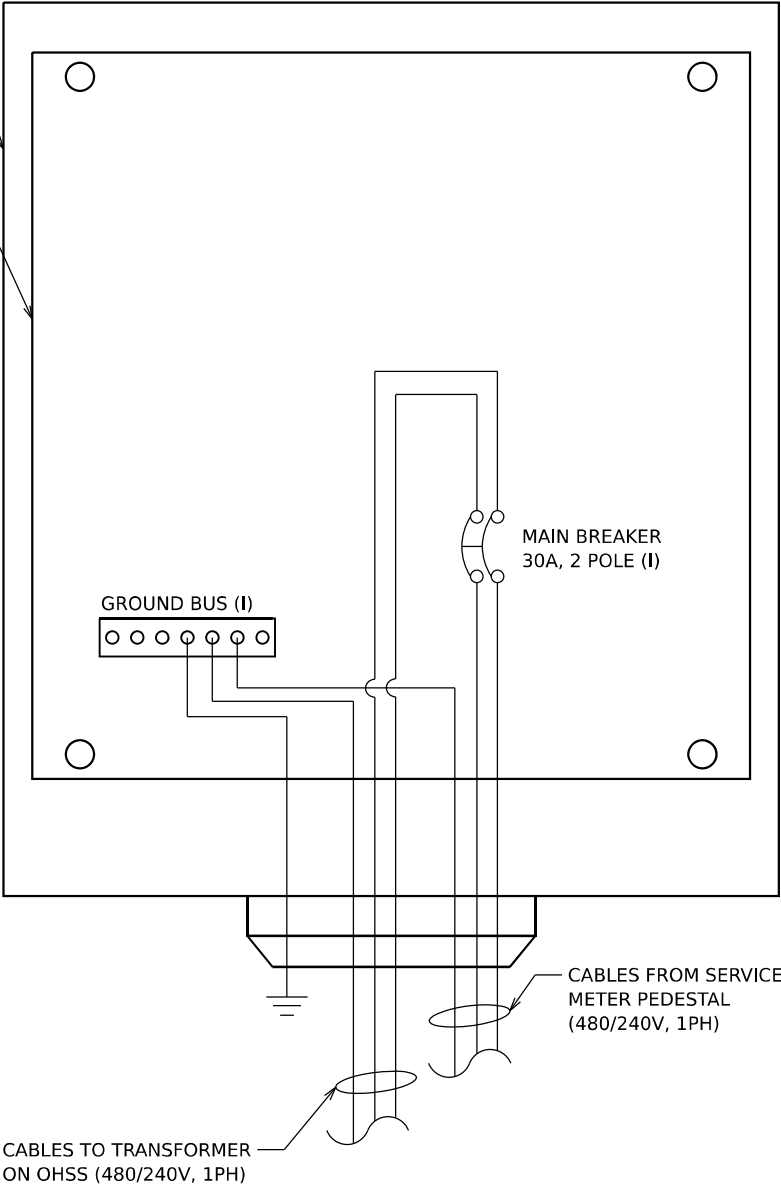
DISCONNECT SWITCH FOR ITS SITE

ABOVE DETAIL IS APPLICABLE TO THE FOLLOWING LOCATION:

STATION	OFFSET	SITE ID
895+10	96' RT	IE26B

DISCONNECT SWITCH
CABINET (I)

EQUIPMENT
BACKPANEL (I)



**DISCONNECT SWITCH
FOR DMS SITE**

ABOVE DETAIL IS APPLICABLE TO THE FOLLOWING LOCATIONS:

STATION	OFFSET	SITE ID
501+00	87' RT	DMS-48
854+00	100' RT	DMS-41
869+46	72' LT	DMS-47

NOTES

- UNLESS OTHERWISE INDICATED, ALL ITEMS AND WORK SHOWN SHALL BE INCLUDED AND PAID AS PART OF THE DISCONNECT SWITCH PAY ITEM (X8570100).
- THIS ITEM SHALL BE MEASURED SEPARATELY FOR PAYMENT.

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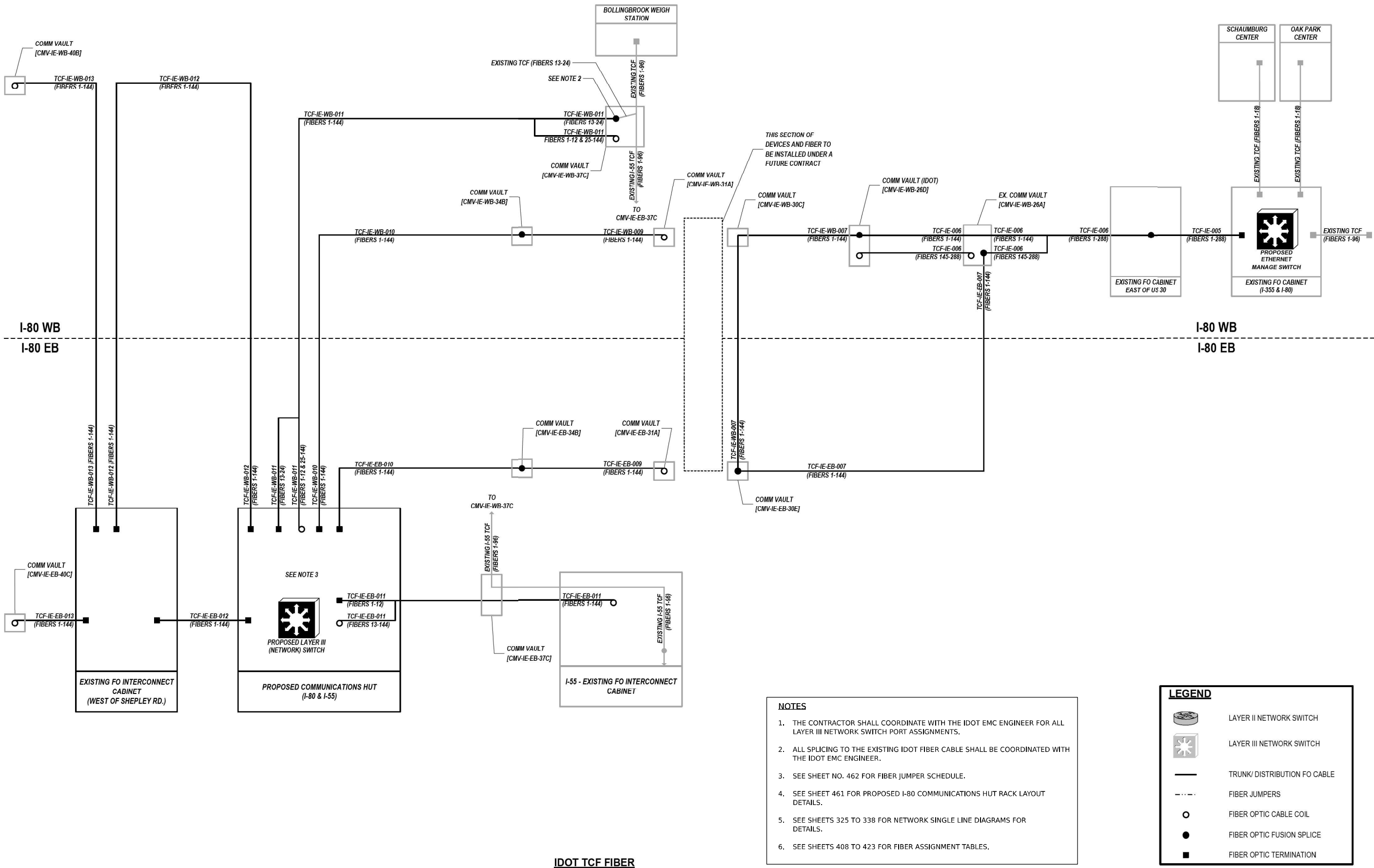
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PLOT DATE =	11/12/2025	DATE -	DJM 25	REVISED -	

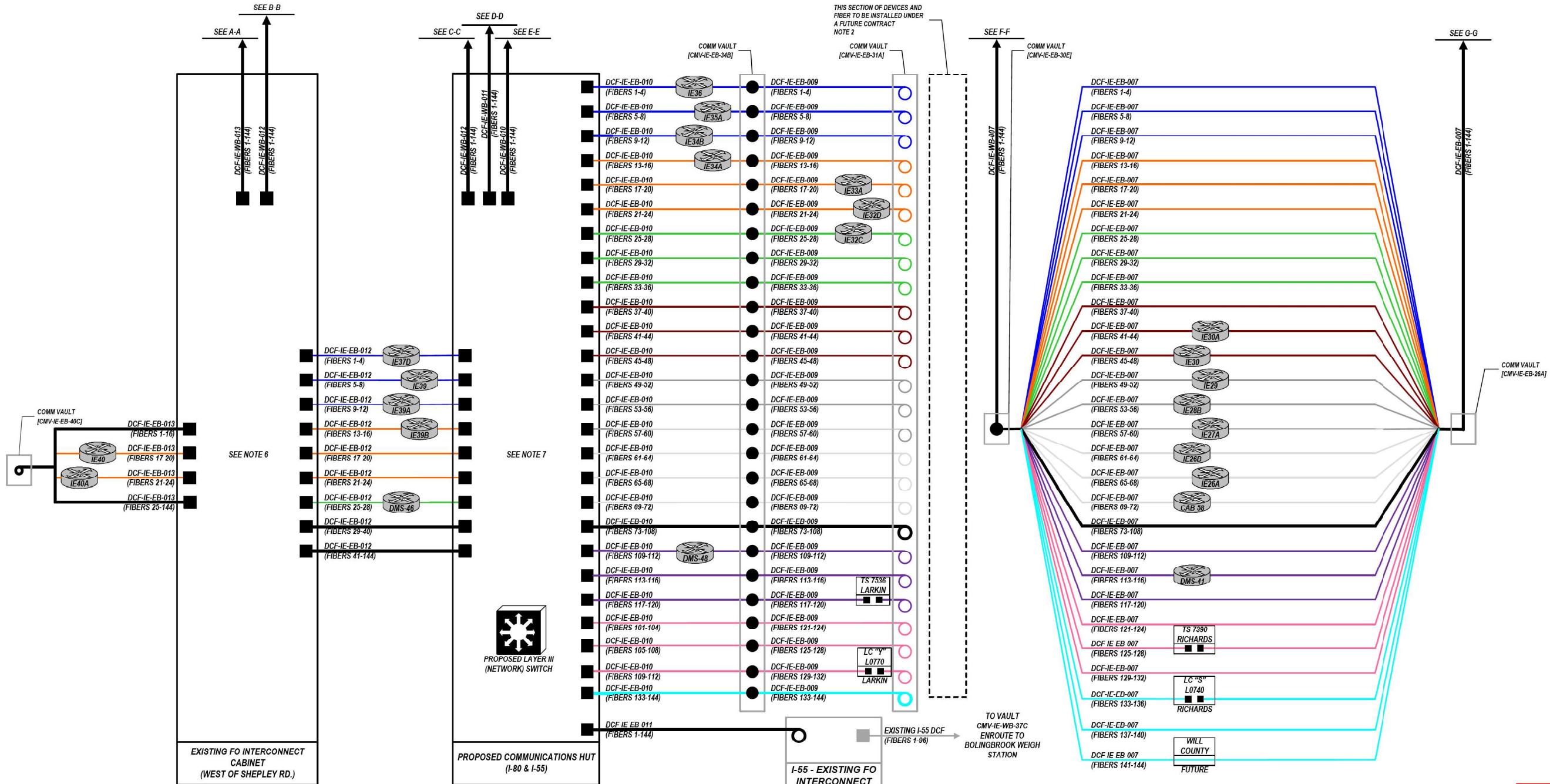
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
COMMUNICATION NETWORK OVERVIEW

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	321
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				





- NOTES
1. THE CONTRACTOR SHALL COORDINATE WITH THE IDOT EMC ENGINEER FOR ALL LAYER III NETWORK SWITCH PORT ASSIGNMENTS.

2. DCF-IE-EB-007 FIBERS 29-40 AND 101-104 ARE RESERVED FOR DEVICES TO BE INSTALLED UNDER A FUTURE CONTRACT.

3. SEE SHEET 461 FOR PROPOSED I-80 COMMUNICATIONS HUT RACK LAYOUT DETAILS.

4. SEE SHEETS 325 TO 338 FOR NETWORK SINGLE LINE DIAGRAMS FOR DETAILS.

5. SEE SHEETS 424 TO 439 FOR FIBER ASSIGNMENT TABLES.

6. SEE SHEETS 220 FOR FIBER OPTIC JUMPER INSTALLATION SCHEDULE AT EXISTING FIBER OPTIC INTERCONNECT CABINET (WEST OF SHEPLEY).

7. SEE SHEETS 462 FOR FIBER OPTIC JUMPER INSTALLATION SCHEDULE AT PROPOSED COMMUNICATIONS HUT (I-88 & I-55).

IDOT DCF FIBER – I-80 EASTBOUND

COLOR PLOT

LEGEND

LAYER II NETWORK SWITCH

LAYER III NETWORK SWITCH

TRUNK/ DISTRIBUTION FO CABLE

FIBER JUMPERS

FIBER OPTIC CABLE COIL

FIBER OPTIC FUSION SPLICE

FIBER OPTIC TERMINATION

MODEL: 2D SHEET 14
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ATLAS

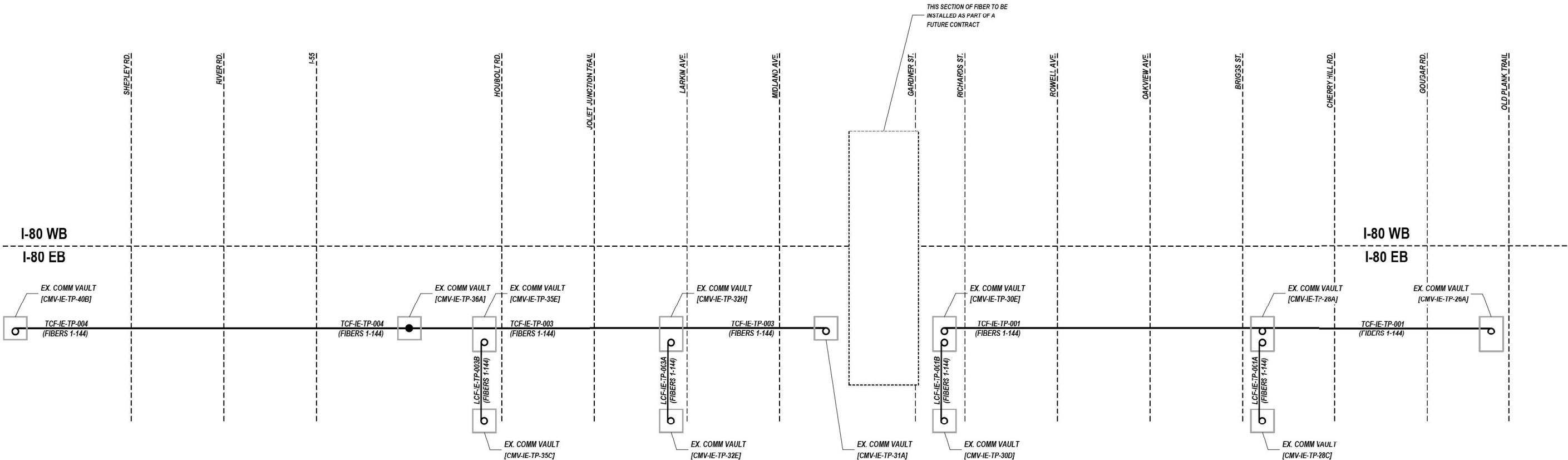
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME	= SALASL	DESIGNED -	JAM	REVISED -	
		DRAWN -	JAM	REVISED -	
PLOT SCALE	= 0.16666667 " / IN.	CHECKED -	DJM	REVISED -	
PLOT DATE	= 11/12/2025	DATE -	11/12/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 COMMUNICATION NETWORK OVERVIEW			
SCALE: N.T.S.	SHEET	OF	SHEETS
STA.		TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	322
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



LEGEND

LAYER II NETWORK SWITCH

LAYER III NETWORK SWITCH

TRUNK/ DISTRIBUTION FO CABLE

FIBER JUMPERS

FIBER OPTIC CABLE COIL

FIBER OPTIC FUSION SPLICE

FIBER OPTIC TERMINATION

- NOTES
1.

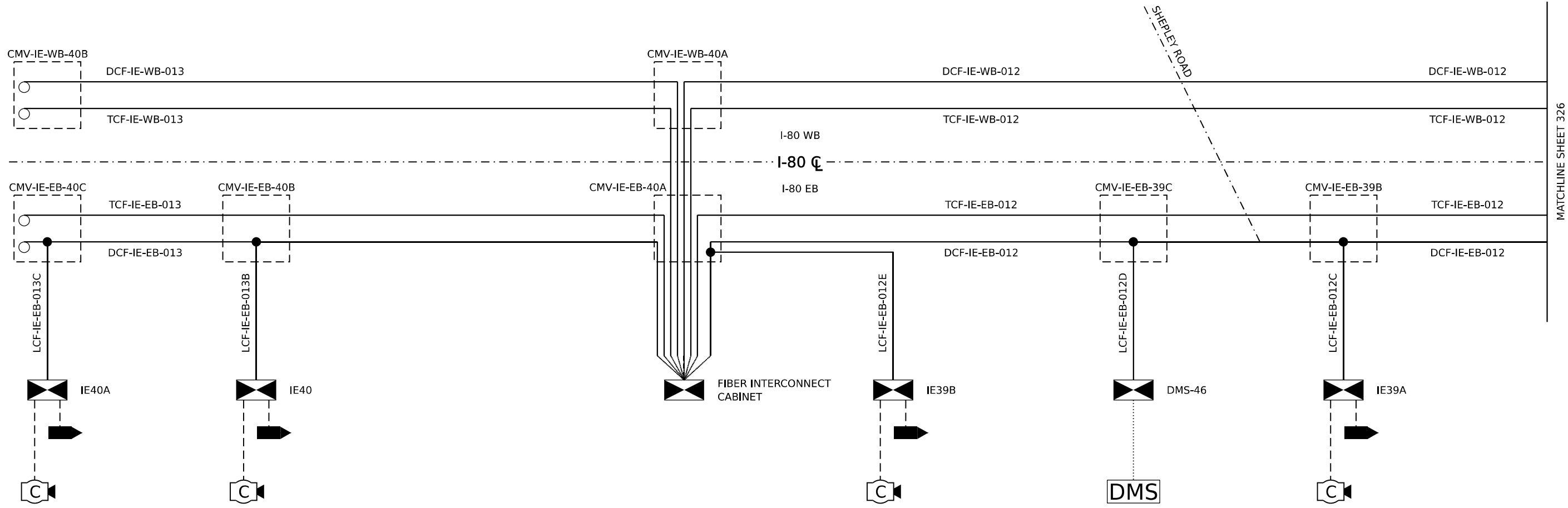
CONTRACTOR TO SPLICE CABLE ONLY AT LOCATIONS SHOWN ON THE PLANS. NO ADDITIONAL SPLICES SHALL BE ALLOWED UNLESS APPROVED BY THE ENGINEER.

THIRD PARTY FIBER

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\01\DM532656\62R19-SHT-ITS-COM-04.DGN

ATLAS ATLAS TECHNICAL CONSULTANTS, LLC 100 S. WACKER DRIVE, SUITE 400 CHICAGO, IL 60606	USER NAME = SALASL		DESIGNED - JAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-80 COMMUNICATION NETWORK OVERVIEW					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666667 ' / IN.		DRAWN - JAM	REVISED -		80	FAI 80 21 VLS	VARIOUS	467	324					
	PLOT DATE = 11/12/2025		CHECKED - DJM	REVISED -		CONTRACT NO. 62R19									
	DATE - DJM 25		REVISD -	REVISED -		ILLINOIS FED. AID PROJECT									
SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.															

MODEL 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DM532656\62R19-SHT-ITS-SLD-01.DGN



EXISTING

PROPOSED

EXISTING

PROPOSED

EXISTING

PROPOSED

EXISTING

PROPOSED

EXISTING

PROPOSED

EXISTING

PROPOSED

EXISTING

PROPOSED

CLOSED CIRCUIT TELEVISION DOME CAMERA

DYNAMIC MESSAGE SIGN

WIRELESS VEHICLE DETECTION RADIO

RADAR VEHICLE SENSING DEVICE

ITS CABINET

LIGHTING CONTROLLER CABINET

TRAFFIC SIGNAL CABINET

FIBER OPTIC CABLE

CAT-6 CABLE

NETWORK/COMMUNICATION CABLE

DMS CABLE(S)

COILED FIBER CABLE IN VAULT

FIBER SPLICE (SEE NOTE 1)

CMV-IE-XB-XXX

DCF-IE-XB-XXX

DMS-XX

IEXX OR CAB XX

LCF-IE-XB-XXXX

TCF-IE-XB-XXXX

COMMUNICATION VAULT

DISTRIBUTION CABLE FIBER

DYNAMIC MESSAGE SIGN

CABINET ID

LATERAL CABLE FIBER

TRUNK CABLE FIBER

1. SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.

2. THIRD PARTY FIBER IS NOT SHOWN.

ATLAS TECHNICAL CONSULTANTS, LLC

100 S. WACKER DRIVE, SUITE 400

CHICAGO, IL 60606

USER NAME = SALASL

DESIGNED - JAM

DRAWN - JAM

CHECKED - DJM

DATE - 11/12/2025

DESIGNED - JAM

DRAWN - JAM

CHECKED - DJM

DATE - 11/12/2025

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S.

SHEET OF SHEETS

STA. TO STA.

F.A.I. RTE.

80

SECTION

FAI 80 21 VLS

COUNTY

VARIOUS

TOTAL SHEETS

467

SHEET NO.

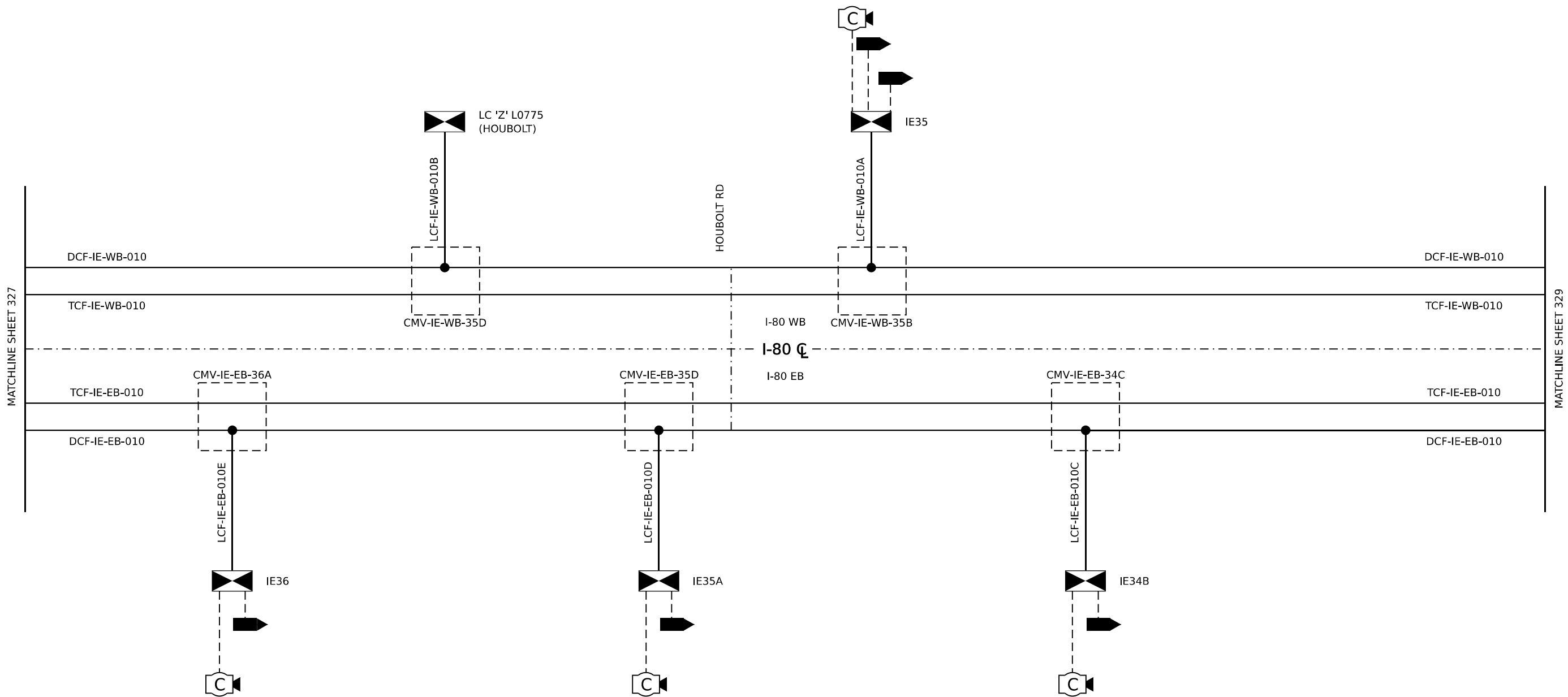
325

ILLINOIS

FED. AID PROJECT

CONTRACT NO. 62R19

MODEL 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-RW\01\DM\62R19-SHT-ITS-SLD-04.DGN



LEGEND

EXISTING



PROPOSED

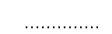
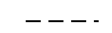


CLOSED CIRCUIT TELEVISION DOME CAMERA
DYNAMIC MESSAGE SIGN
WIRELESS VEHICLE DETECTION RADIO
RADAR VEHICLE SENSING DEVICE
ITS CABINET
LIGHTING CONTROLLER CABINET
TRAFFIC SIGNAL CABINET

EXISTING



PROPOSED



FIBER OPTIC CABLE
CAT-6 CABLE
NETWORK/COMMUNICATION CABLE
DMS CABLE(S)
COILED FIBER CABLE IN VAULT
FIBER SPLICE (SEE NOTE 1)

IDENTIFICATION TAGS

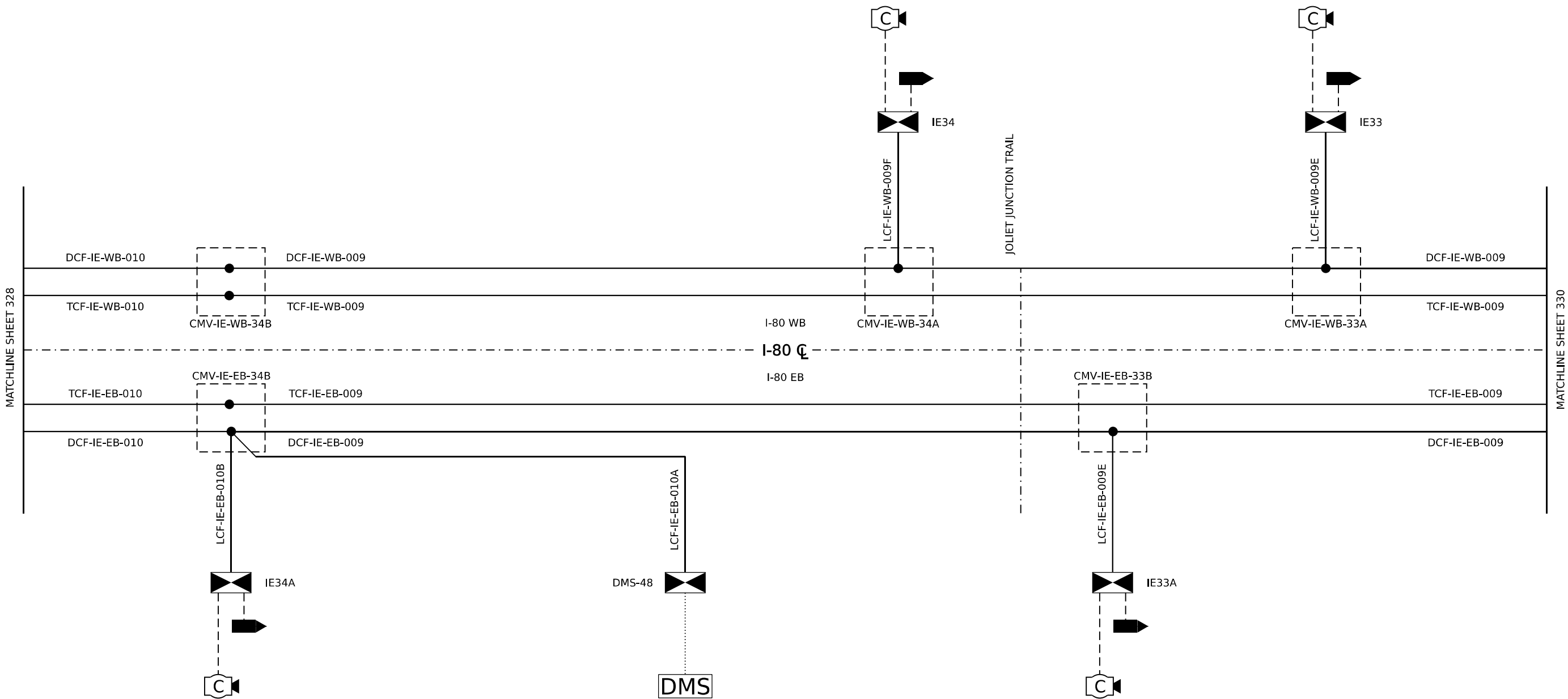
CMV-IE-XB-XXX
DCF-IE-XB-XXX
DMS-XX
IEXX OR CAB XX
LCF-IE-XB-XXXX
TCF-IE-XB-XXXX

COMMUNICATION VAULT
DISTRIBUTION CABLE FIBER
DYNAMIC MESSAGE SIGN
CABINET ID
LATERAL CABLE FIBER
TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-RW\01\DM\62R19-SHT-ITS-SLD-05.DGN



LEGEND

EXISTING





PROPOSED








CLOSED CIRCUIT TELEVISION DOME CAMERA
DYNAMIC MESSAGE SIGN
WIRELESS VEHICLE DETECTION RADIO
RADAR VEHICLE SENSING DEVICE
ITS CABINET
LIGHTING CONTROLLER CABINET
TRAFFIC SIGNAL CABINET

EXISTING
—————
- - - - -

PROPOSED
—————
- - - - -
.....
○
●

FIBER OPTIC CABLE
CAT-6 CABLE
NETWORK/COMMUNICATION CABLE
DMS CABLE(S)
COILED FIBER CABLE IN VAULT
FIBER SPLICE (SEE NOTE 1)

IDENTIFICATION TAGS

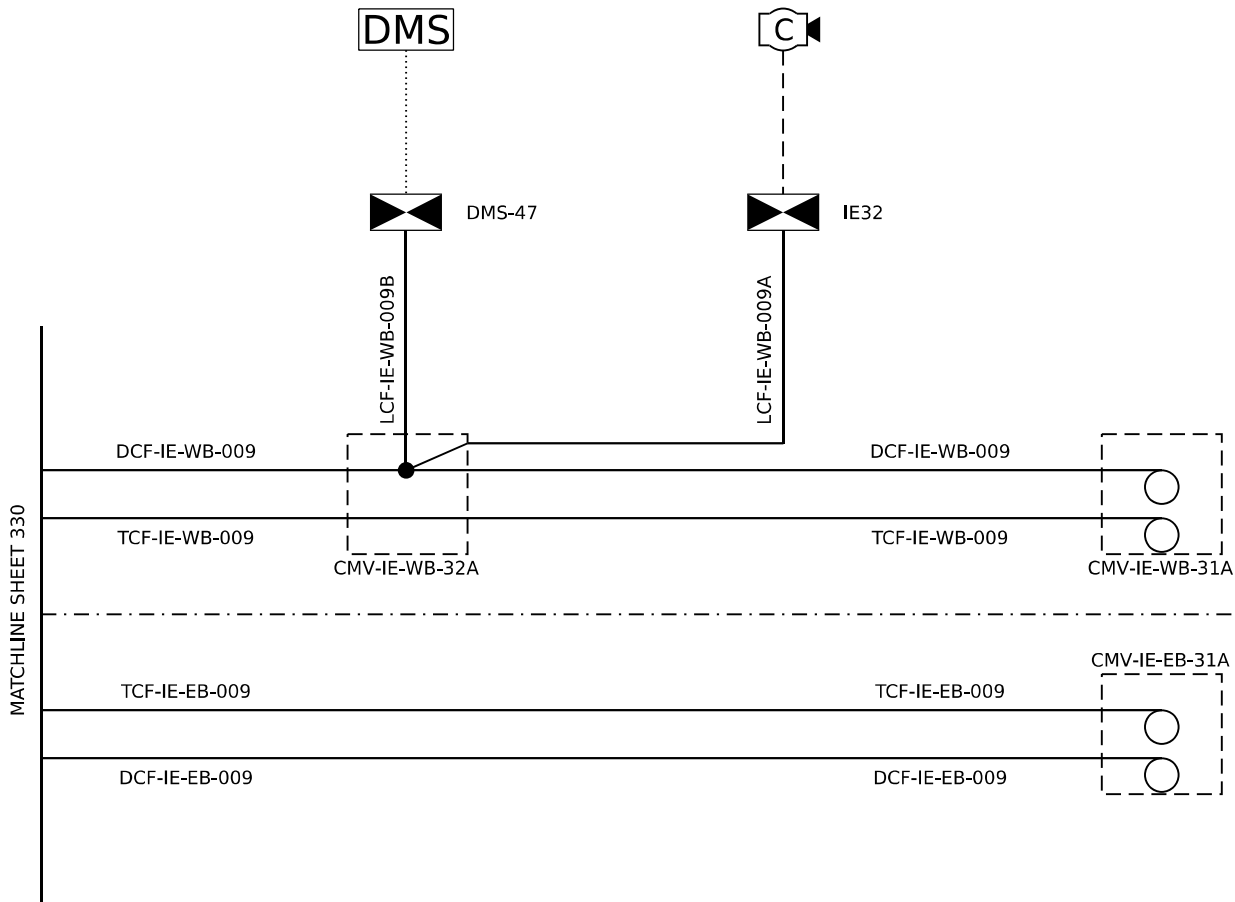
CMV-IE-XB-XXX
DCF-IE-XB-XXX
DMS-XX
IEXX OR CAB XX
LCF-IE-XB-XXXX
TCF-IE-XB-XXXX

COMMUNICATION VAULT
DISTRIBUTION CABLE FIBER
DYNAMIC MESSAGE SIGN
CABINET ID
LATERAL CABLE FIBER
TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-RW\01\DM532658\62R19-SHT-ITS-SLD-07.DGN



LEGEND

EXISTING



PROPOSED



CLOSED CIRCUIT TELEVISION DOME CAMERA



DYNAMIC MESSAGE SIGN



WIRELESS VEHICLE DETECTION RADIO



RADAR VEHICLE SENSING DEVICE



ITS CABINET



LIGHTING CONTROLLER CABINET

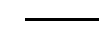


TRAFFIC SIGNAL CABINET

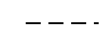
EXISTING



PROPOSED



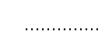
FIBER OPTIC CABLE



CAT-6 CABLE



NETWORK/COMMUNICATION CABLE



DMS CABLE(S)



COILED FIBER CABLE IN VAULT



FIBER SPLICE (SEE NOTE 1)

IDENTIFICATION TAGS

CMV-IE-XB-XXX
DCF-IE-XB-XXX
DMS-XX
IEXX OR CAB XX
LCF-IE-XB-XXXX
TCF-IE-XB-XXXX

COMMUNICATION VAULT
DISTRIBUTION CABLE FIBER
DYNAMIC MESSAGE SIGN
CABINET ID
LATERAL CABLE FIBER
TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.



USER NAME	= SALASL
PLOT SCALE	= 0.16666667 " / IN.
PLOT DATE	= 11/12/2025

DESIGNED	- JAM
DRAWN	- JAM
CHECKED	- DJM
DATE	- 11/12/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

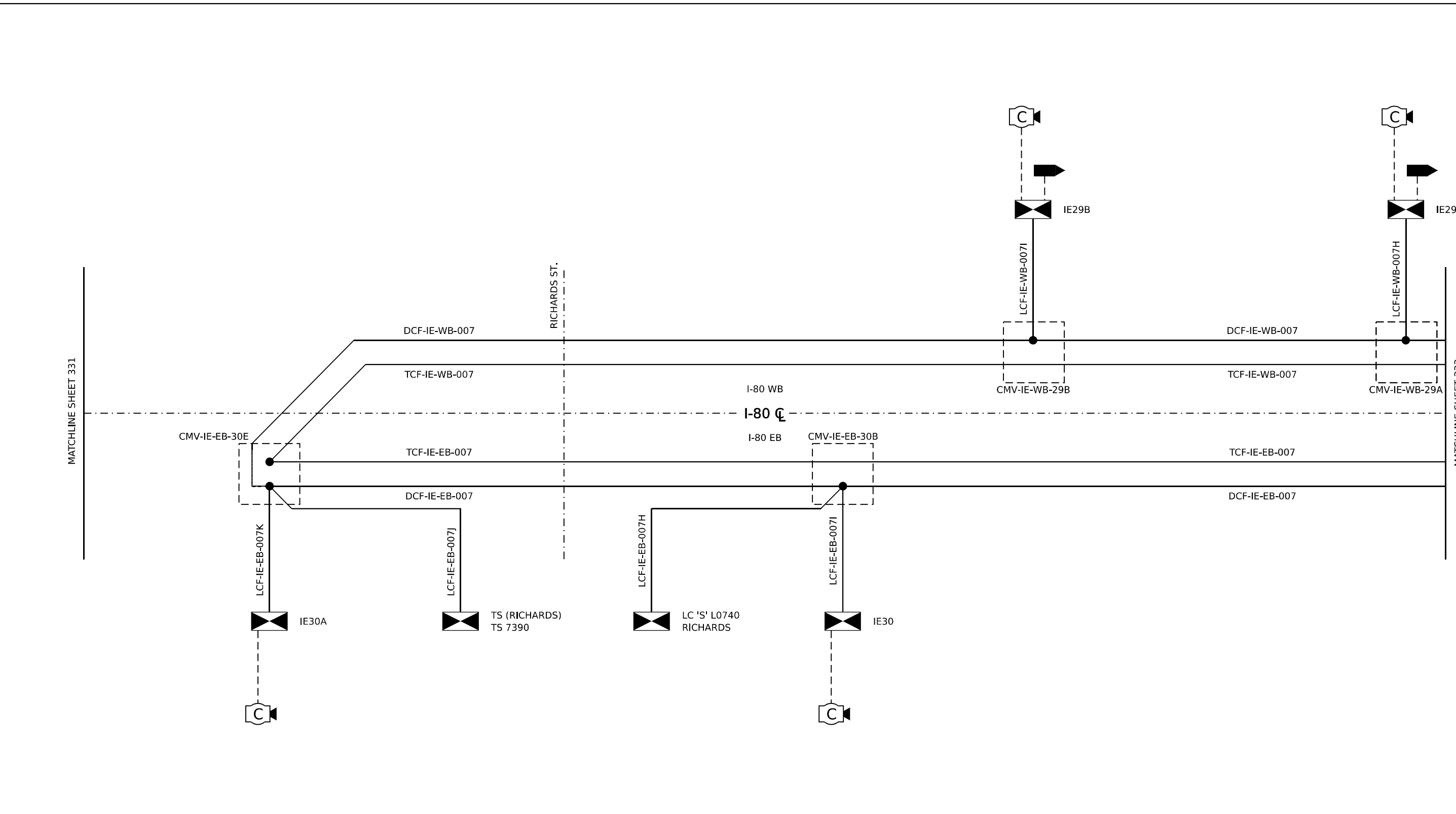
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
SINGLE LINE DIAGRAM

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	331
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

MODEL: 2D SHEET 14
FILE NAME: C:\TRAFFIC\SYSTEMS\PIV\LOCAL\TRAFFIC\SYSTEMS\PIV\LOCAL\62R19-SHT-ITS-SLD-08.DGN



LEGEND

EXISTING

PROPOSED

CLOSED CIRCUIT TELEVISION DOME CAMERA

DYNAMIC MESSAGE SIGN

WIRELESS VEHICLE DETECTION RADIO

RADAR VEHICLE SENSING DEVICE

ITS CABINET

LIGHTING CONTROLLER CABINET

TRAFFIC SIGNAL CABINET

EXISTING

PROPOSED

FIBER OPTIC CABLE

CAT-6 CABLE

NETWORK/COMMUNICATION CABLE

DMS CABLE(S)

COILED FIBER CABLE IN VAULT

FIBER SPLICE (SEE NOTE 1)

IDENTIFICATION TAGS

CMV-IE-XB-XXX

DCF-IE-XB-XXX

DMS-XX

IEXX OR CAB XX

LCF-IE-XB-XXXX

TCF-IE-XB-XXXX

COMMUNICATION VAULT

DISTRIBUTION CABLE FIBER

DYNAMIC MESSAGE SIGN

CABINET ID

LATERAL CABLE FIBER

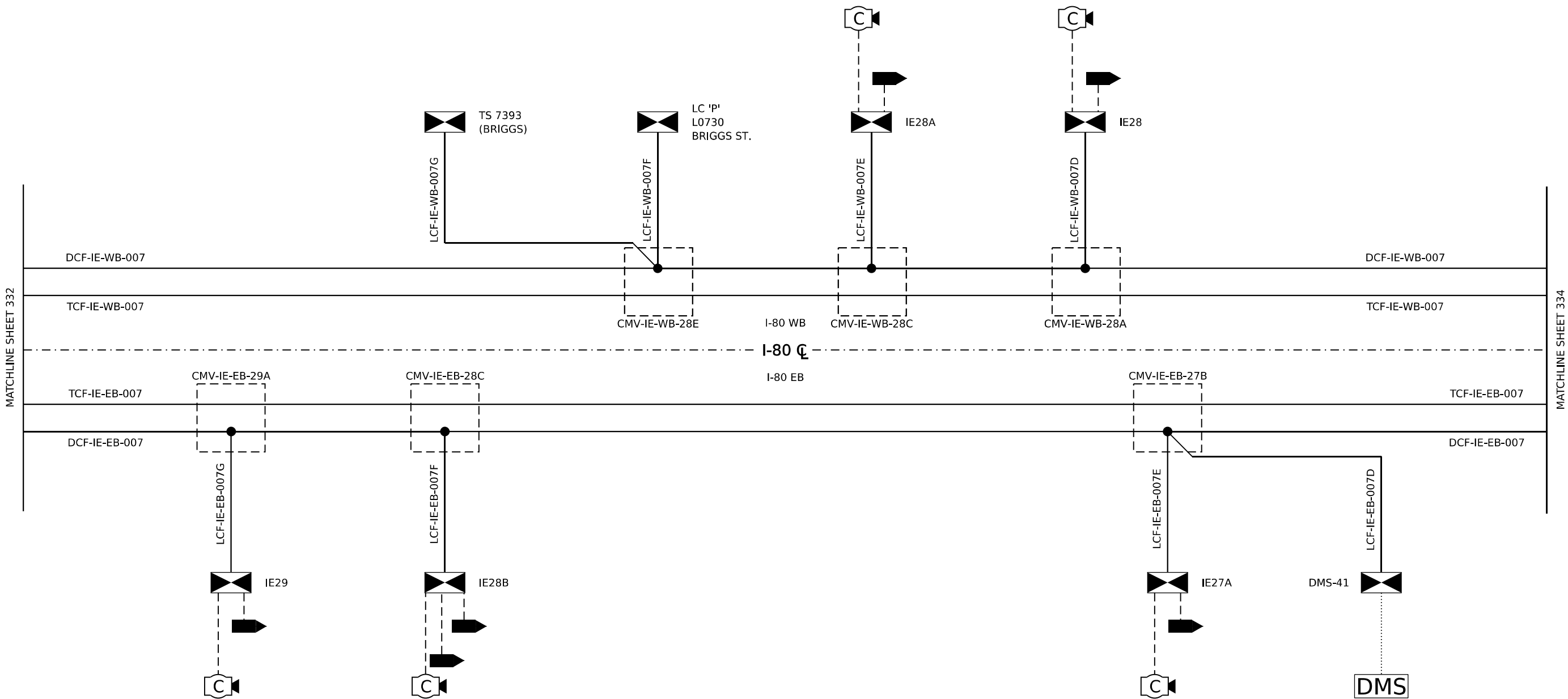
TRUNK CABLE FIBER

NOTES

1. SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.

2. THIRD PARTY FIBER IS NOT SHOWN.

MODEL 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-RW\01\DM\62R19-SHT-ITS-SLD-09.DGN



LEGEND

EXISTING

PROPOSED



CLOSED CIRCUIT TELEVISION DOME CAMERA

DYNAMIC MESSAGE SIGN

WIRELESS VEHICLE DETECTION RADIO

RADAR VEHICLE SENSING DEVICE

ITS CABINET

LIGHTING CONTROLLER CABINET

TRAFFIC SIGNAL CABINET

EXISTING

PROPOSED



FIBER OPTIC CABLE

CAT-6 CABLE

NETWORK/COMMUNICATION CABLE

DMS CABLE(S)

COILED FIBER CABLE IN VAULT

FIBER SPLICE (SEE NOTE 1)

IDENTIFICATION TAGS

CMV-IE-XB-XXX
DCF-IE-XB-XXX
DMS-XX
IEXX OR CAB XX
LCF-IE-XB-XXXX
TCF-IE-XB-XXXX

COMMUNICATION VAULT
DISTRIBUTION CABLE FIBER
DYNAMIC MESSAGE SIGN
CABINET ID
LATERAL CABLE FIBER
TRUNK CABLE FIBER

NOTES

1. SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.

2. THIRD PARTY FIBER IS NOT SHOWN.



ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
	DRAWN - JAM	REVISED -
PLOT SCALE = 0.16666667" / IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

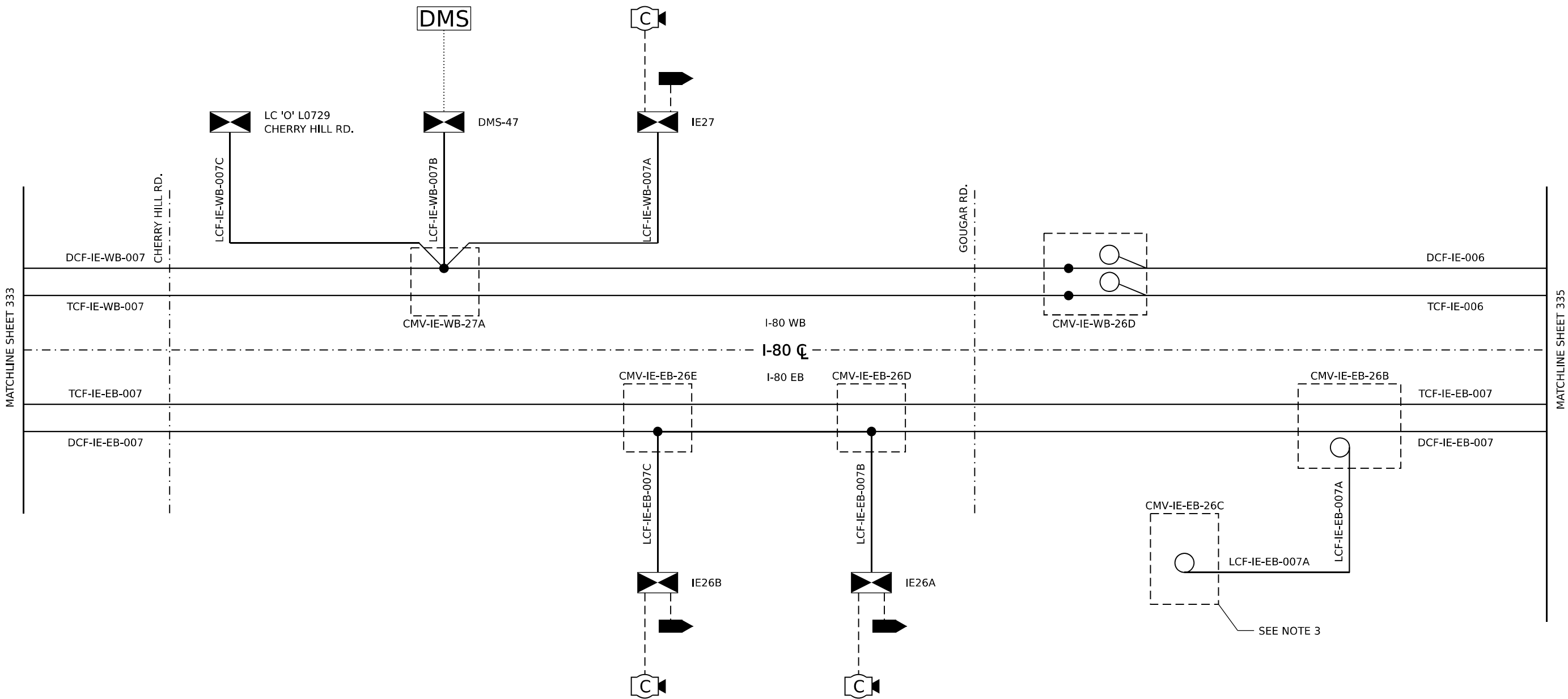
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

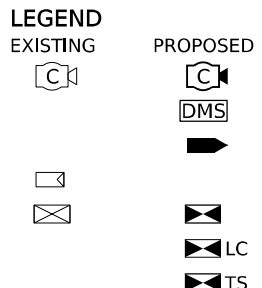
I-80
SINGLE LINE DIAGRAM

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	333
CONTRACT NO. 62R19				
ILLINOIS		FED. AID PROJECT		

MODEL 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DM532656\62R19-SHT-ITS-SLD-10.DGN





EXISTING

PROPOSED

EXISTING

PROPOSED

CLOSED CIRCUIT TELEVISION DOME CAMERA

DYNAMIC MESSAGE SIGN

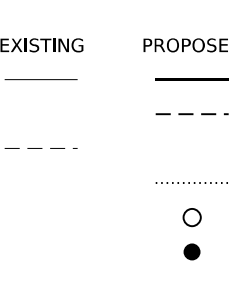
WIRELESS VEHICLE DETECTION RADIO

RADAR VEHICLE SENSING DEVICE

ITS CABINET

LIGHTING CONTROLLER CABINET

TRAFFIC SIGNAL CABINET



EXISTING

PROPOSED

FIBER OPTIC CABLE

CAT-6 CABLE

NETWORK/COMMUNICATION CABLE

DMS CABLE(S)

COILED FIBER CABLE IN VAULT

FIBER SPLICE (SEE NOTE 1)

IDENTIFICATION TAGS

CMV-IE-XB-XXX

DCF-IE-XB-XXX

DMS-XX

IEXX OR CAB XX

LCF-IE-XB-XXXX

TCF-IE-XB-XXXX

COMMUNICATION VAULT

DISTRIBUTION CABLE FIBER

DYNAMIC MESSAGE SIGN

CABINET ID

LATERAL CABLE FIBER

TRUNK CABLE FIBER

NOTES

1. SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.

2. THIRD PARTY FIBER IS NOT SHOWN.

3. FUTURE WILL COUNTY CONNECTION.



ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL

DESIGNED - JAM

DRAWN - JAM

CHECKED - DJM

DATE - 11/12/2025

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
SINGLE LINE DIAGRAM

SCALE: N.T.S.

SHEET OF SHEETS

STA. TO STA.

F.A.I. RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

80

FAI 80 21 VLS

VARIOUS

467

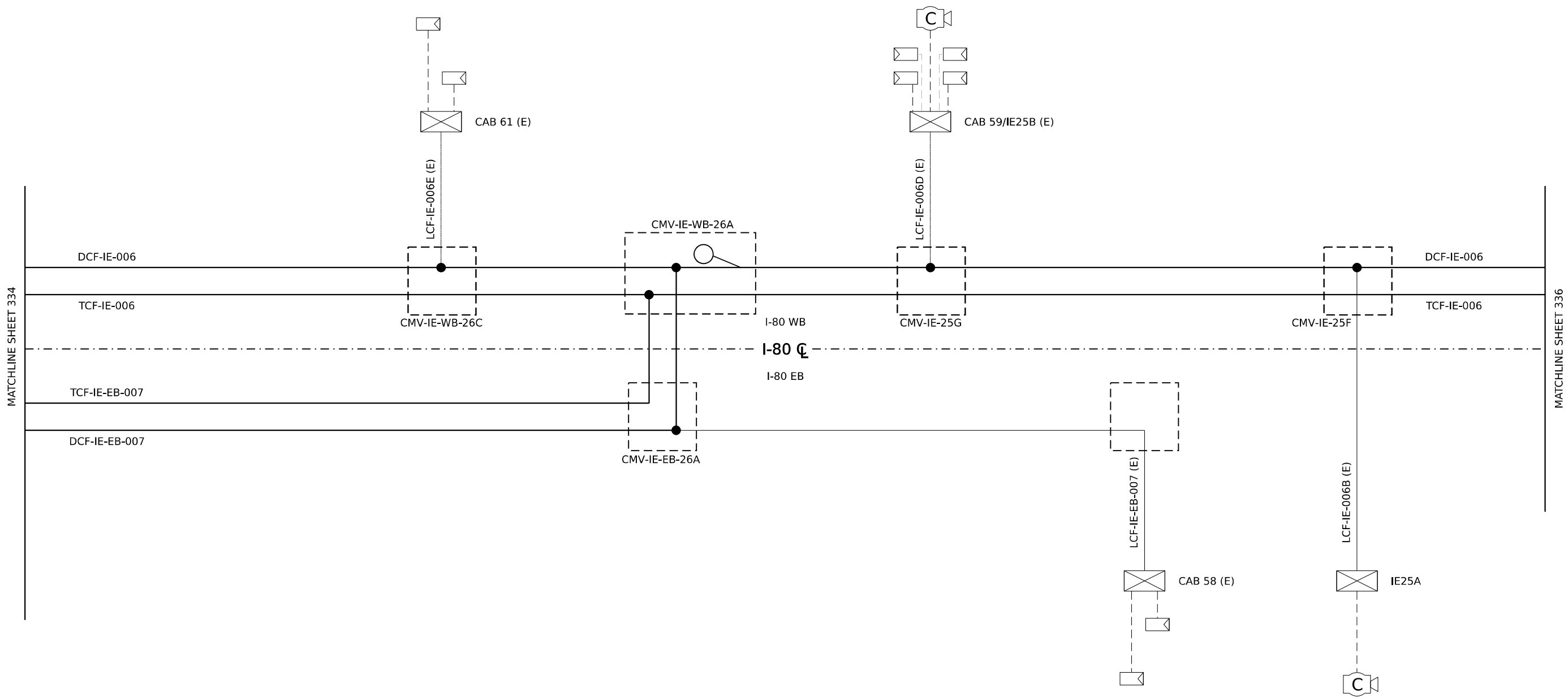
334

ILLINOIS

FED. AID PROJECT

CONTRACT NO. 62R19

MODEL 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-RW\01\DM632656\62R19-SHT-ITS-SLD-11.DGN



LEGEND

EXISTING



PROPOSED

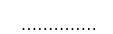
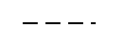
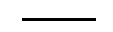


CLOSED CIRCUIT TELEVISION DOME CAMERA
DYNAMIC MESSAGE SIGN
WIRELESS VEHICLE DETECTION RADIO
RADAR VEHICLE SENSING DEVICE
ITS CABINET
LIGHTING CONTROLLER CABINET
TRAFFIC SIGNAL CABINET

EXISTING



PROPOSED



FIBER OPTIC CABLE
CAT-6 CABLE
NETWORK/COMMUNICATION CABLE
DMS CABLE(S)
COILED FIBER CABLE IN VAULT
FIBER SPLICE (SEE NOTE 1)

IDENTIFICATION TAGS

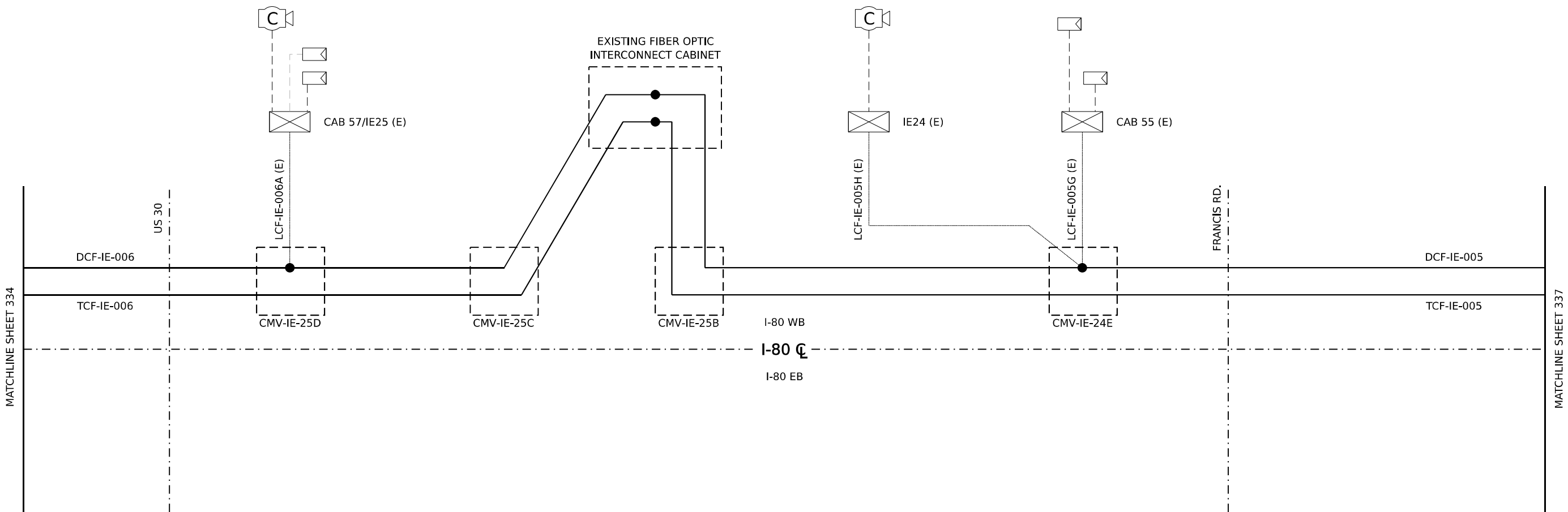
CMV-IE-XB-XXX
DCF-IE-XB-XXX
DMS-XX
IEXX OR CAB XX
LCF-IE-XB-XXXX
TCF-IE-XB-XXXX

COMMUNICATION VAULT
DISTRIBUTION CABLE FIBER
DYNAMIC MESSAGE SIGN
CABINET ID
LATERAL CABLE FIBER
TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.

MODEL 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-RW\01\DM632656\62R19-SHT-ITS-SLD-12.DGN



LEGEND

EXISTING



PROPOSED



CLOSED CIRCUIT TELEVISION DOME CAMERA

DYNAMIC MESSAGE SIGN

WIRELESS VEHICLE DETECTION RADIO

RADAR VEHICLE SENSING DEVICE

ITS CABINET

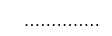
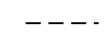
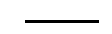
LIGHTING CONTROLLER CABINET

TRAFFIC SIGNAL CABINET

EXISTING



PROPOSED



FIBER OPTIC CABLE

CAT-6 CABLE

NETWORK/COMMUNICATION CABLE

DMS CABLE(S)

COILED FIBER CABLE IN VAULT

FIBER SPLICER (SEE NOTE 1)

IDENTIFICATION TAGS

CMV-IE-XB-XXX
DCF-IE-XB-XXX
DMS-XX
IEXX OR CAB XX
LCF-IE-XB-XXXX
TCF-IE-XB-XXXX

COMMUNICATION VAULT
DISTRIBUTION CABLE FIBER
DYNAMIC MESSAGE SIGN
CABINET ID
LATERAL CABLE FIBER
TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.



USER NAME	= SALASL
DESIGNED	- JAM
DRAWN	- JAM
CHECKED	- DJM
DATE	- 11/12/2025

DESIGNED	- JAM
DRAWN	- JAM
CHECKED	- DJM
DATE	- 11/12/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

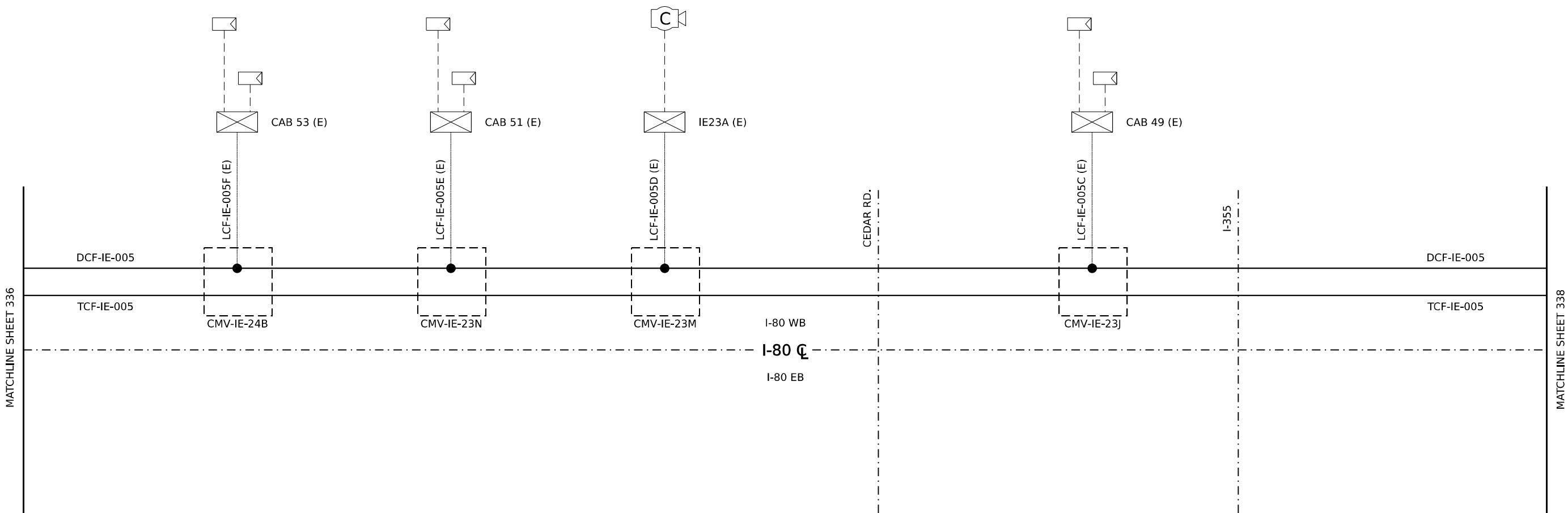
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
SINGLE LINE DIAGRAM

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

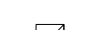
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	336
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

MODEL 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-RW\01\DM\621656\62R19-SHT-ITS-SLD-13.DGN

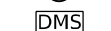


LEGEND

EXISTING



PROPOSED



CLOSED CIRCUIT TELEVISION DOME CAMERA

DYNAMIC MESSAGE SIGN

WIRELESS VEHICLE DETECTION RADIO

RADAR VEHICLE SENSING DEVICE

ITS CABINET

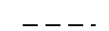
LIGHTING CONTROLLER CABINET

TRAFFIC SIGNAL CABINET

EXISTING



PROPOSED



FIBER OPTIC CABLE

CAT-6 CABLE

NETWORK/COMMUNICATION CABLE

DMS CABLE(S)

COILED FIBER CABLE IN VAULT

FIBER SPLICE (SEE NOTE 1)

IDENTIFICATION TAGS

CMV-IE-XB-XXX

DCF-IE-XB-XXX

DMS-XX

IEXX OR CAB XX

LCF-IE-XB-XXXX

TCF-IE-XB-XXXX

COMMUNICATION VAULT

DISTRIBUTION CABLE FIBER

DYNAMIC MESSAGE SIGN

CABINET ID

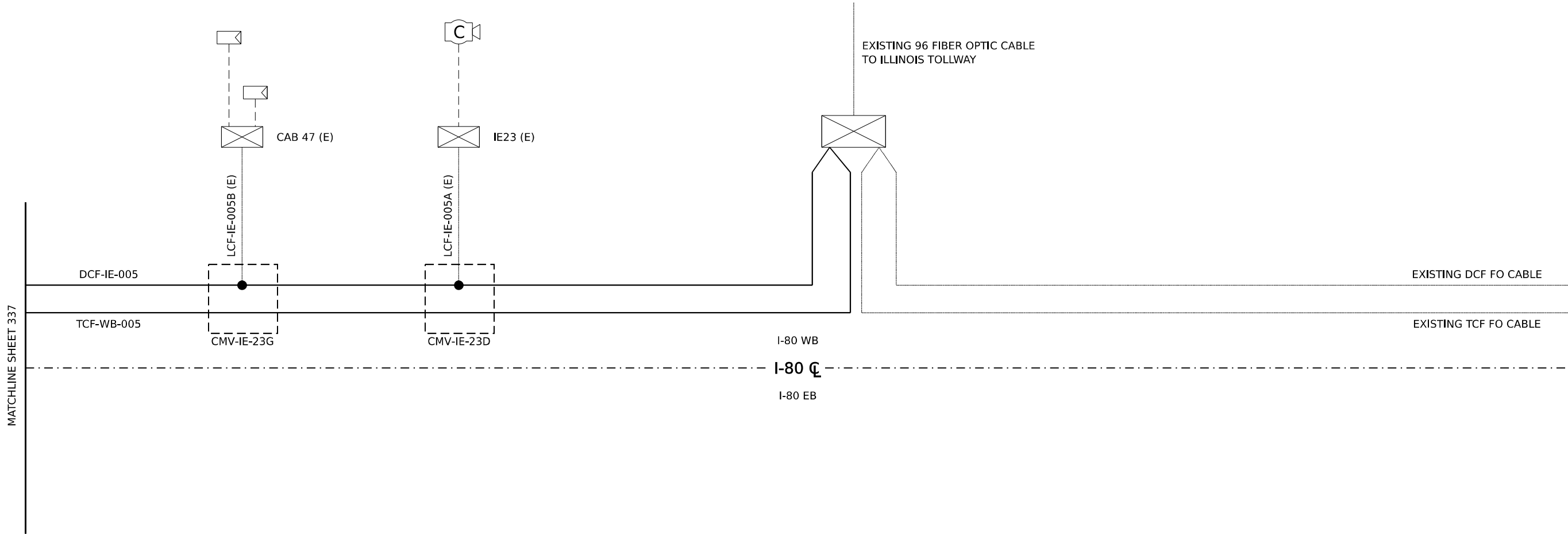
LATERAL CABLE FIBER

TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.

MODEL 2D SHEET 14
FILE NAME C:\TRAFFIC\SYSTEMS\PIV\LOCAL\TRAFFIC\SYSTEMS\PIV\LOCAL\DM3265662R19-SHT-ITS-SLD-14.DGN



LEGEND

EXISTING



PROPOSED



CLOSED CIRCUIT TELEVISION DOME CAMERA



DYNAMIC MESSAGE SIGN



WIRELESS VEHICLE DETECTION RADIO



RADAR VEHICLE SENSING DEVICE



ITS CABINET



LIGHTING CONTROLLER CABINET

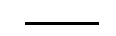


TRAFFIC SIGNAL CABINET

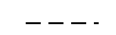
EXISTING



PROPOSED



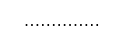
FIBER OPTIC CABLE



CAT-6 CABLE



NETWORK/COMMUNICATION CABLE



DMS CABLE(S)



COILED FIBER CABLE IN VAULT



FIBER SPLICE (SEE NOTE 1)

IDENTIFICATION TAGS

CMV-IE-XB-XXX
DCF-IE-XB-XXX
DMS-XX
IEXX OR CAB XX
LCF-IE-XB-XXXX
TCF-IE-XB-XXXX

COMMUNICATION VAULT
DISTRIBUTION CABLE FIBER
DYNAMIC MESSAGE SIGN
CABINET ID
LATERAL CABLE FIBER
TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.



USER NAME = SALASL	DESIGNED - JAM	REVISED -
	DRAWN - JAM	REVISED -
PLOT SCALE = 0.16666667" / IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

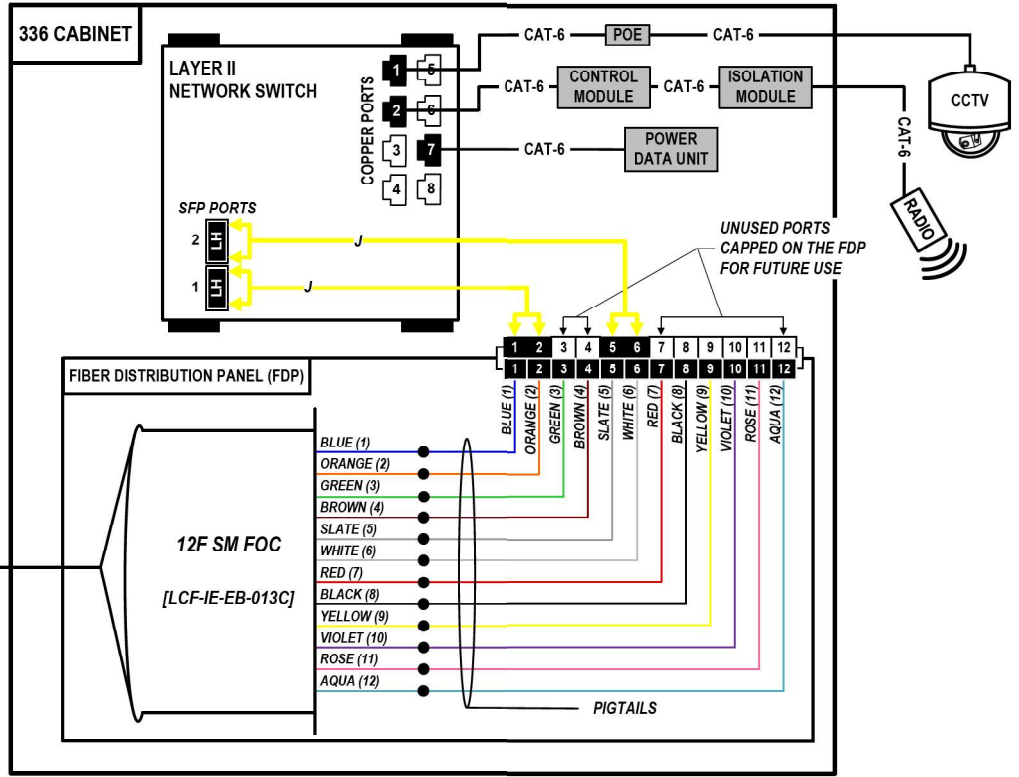
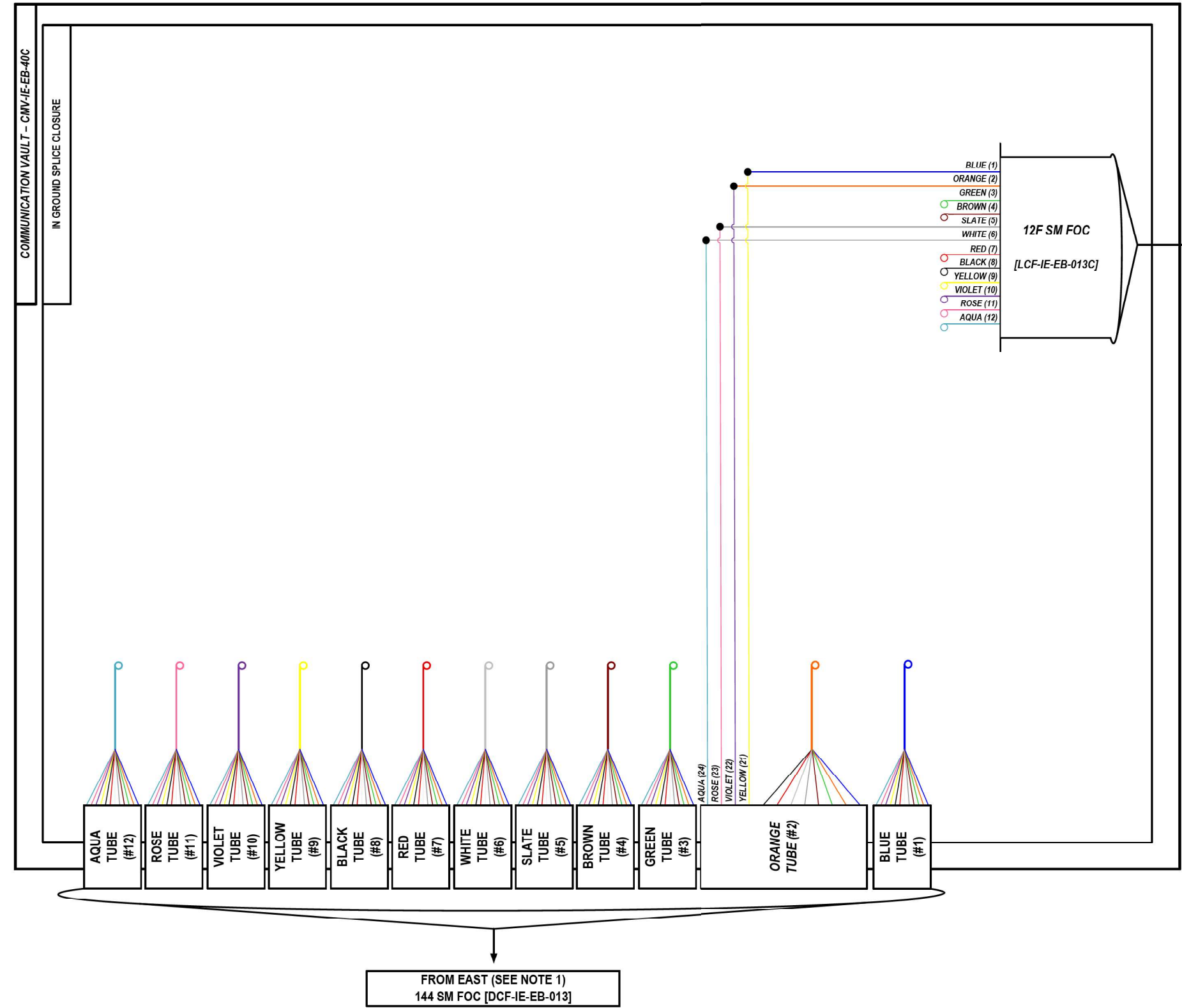
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
SINGLE LINE DIAGRAM

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	338
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

LOCATION ID: IE40A



NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICER
- FIBER COIL
- FIBER OPTIC TERMINATION

COLOR PLOT

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSMISSIONS\LOCAL\TRANSMISSIONS-RW\01\DM532656\62R19-SHT-ITS-SPLICE-01.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

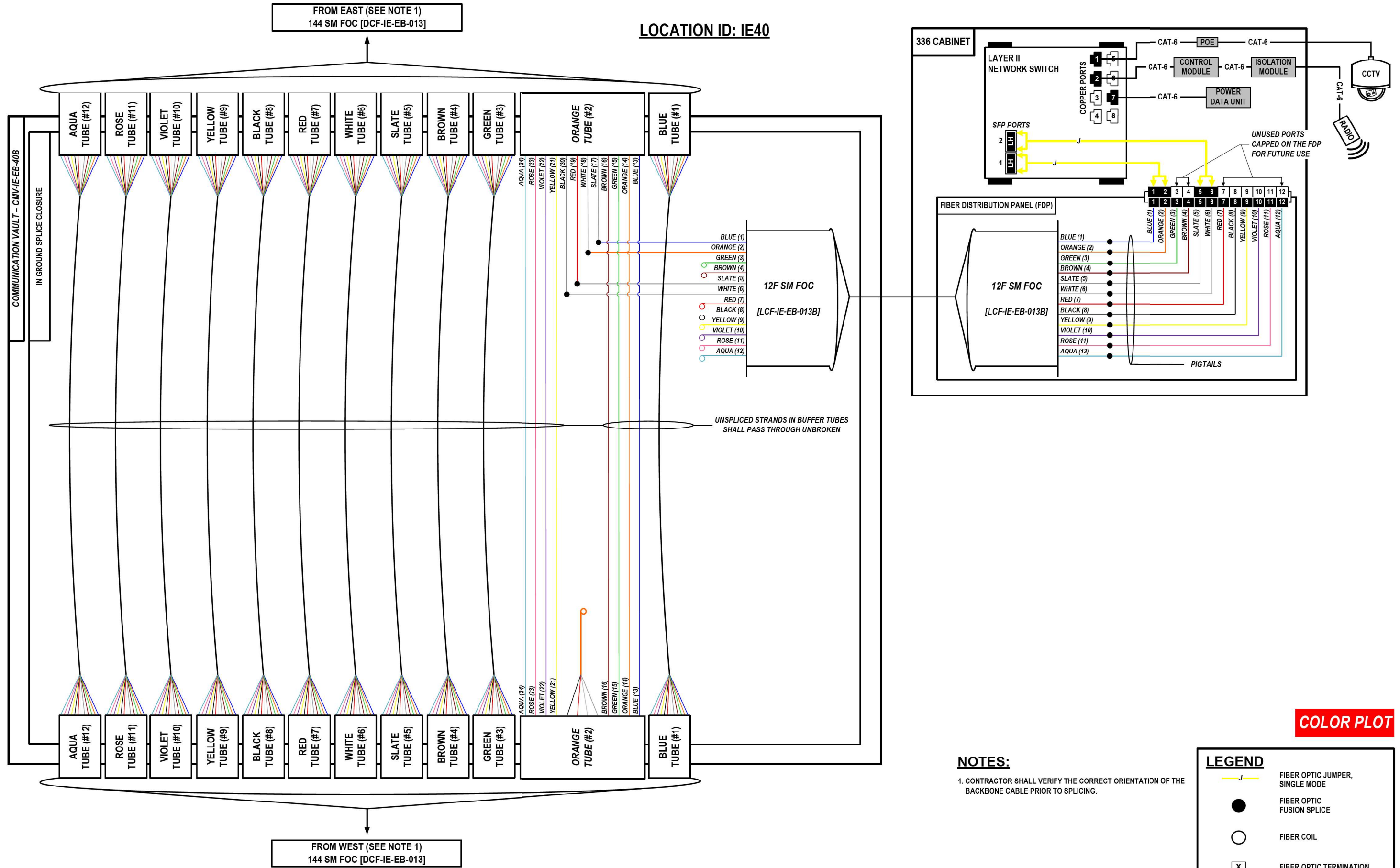
USER NAME	= SALASL	DESIGNED	-	JAM
		DRAWN	-	AJW
PLOT SCALE	= 0.16666667 ' / IN.	CHECKED	-	DJM
PLOT DATE	= 11/12/2025	DATE	-	11/12/2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPICE DETAILS			
SCALE: N.T.S.	SHEET	OF	SHEETS
STA.	TO	STA.	TO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	339
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\LOCAL\IE40\IE40-013-ITS-SPLICE-02.DGN



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\62R19-SHT-ITS-SPICE-03.DGN



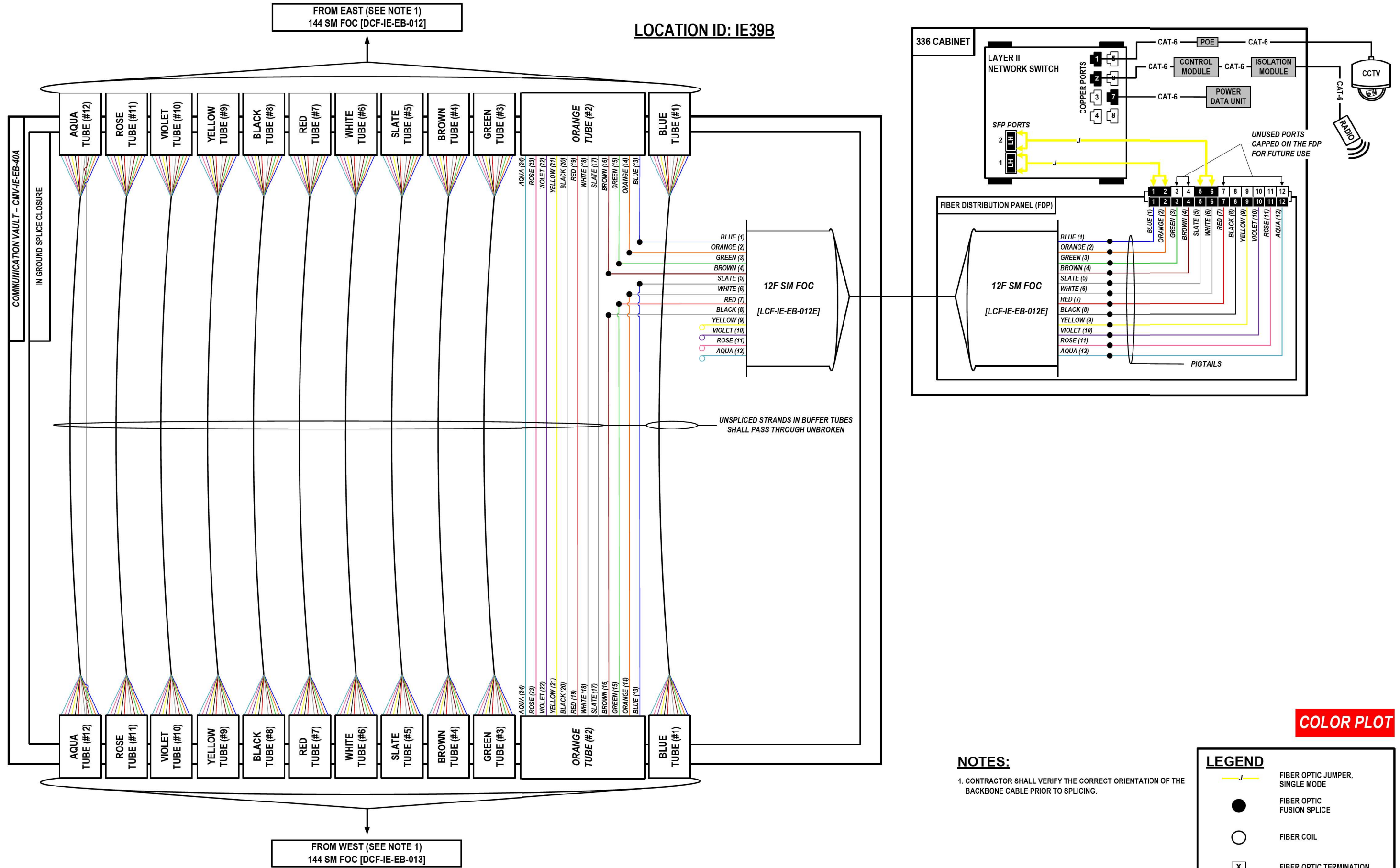
USER NAME	= SALASL	DESIGNED	- JAM	REVISED	-
		DRAWN	- AJW	REVISED	-
PLOT SCALE	= 0.16666667 " / IN.	CHECKED	- DJM	REVISED	-
PLOT DATE	= 11/12/2025	DATE	- 11/12/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
SPICE DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	341
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



MODEL: 2D SHEET 14
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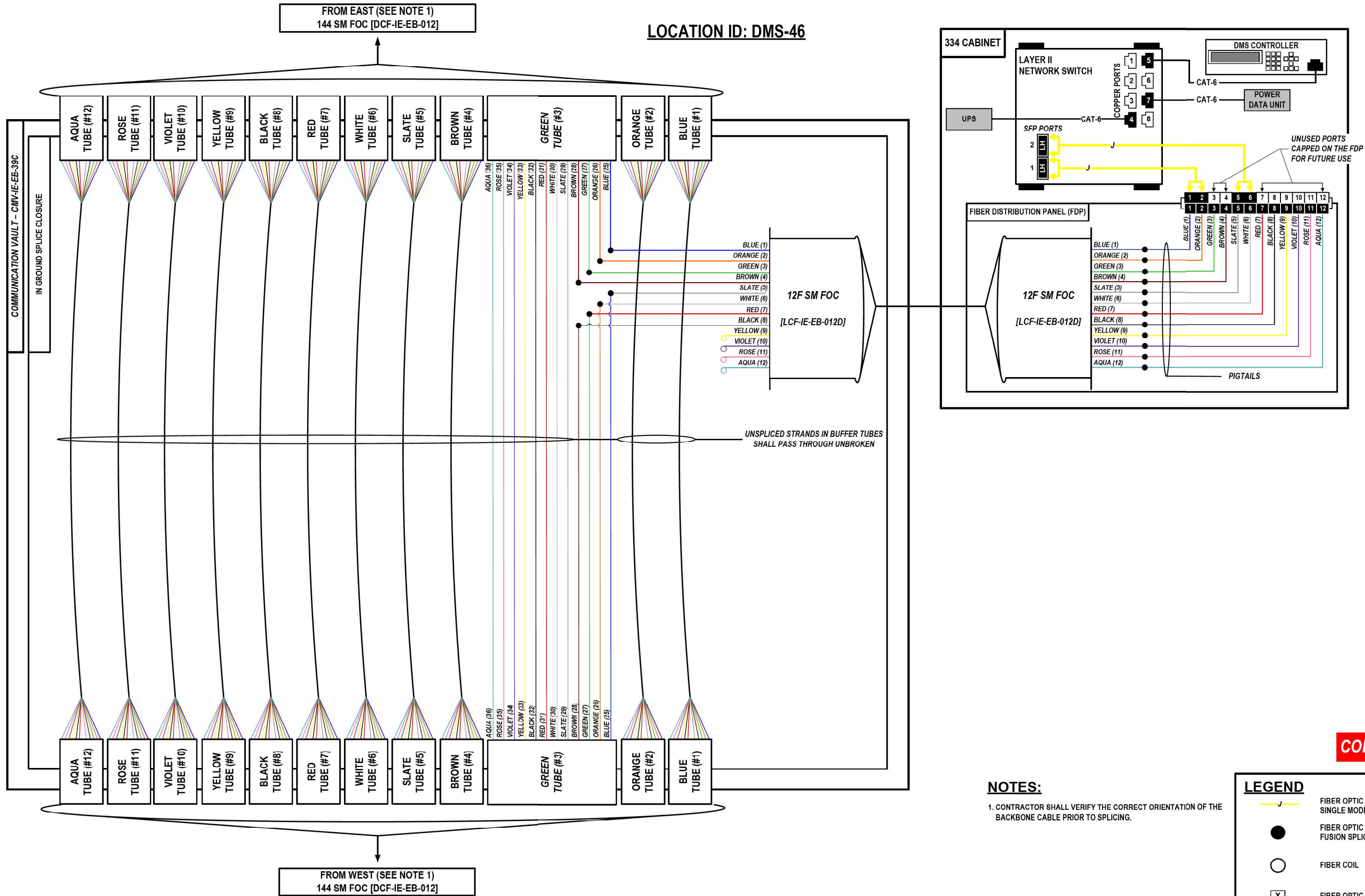


USER NAME = SALASL	DESIGNED - JAM	REVISED -
DRAWN - AJW	REVIS	ED -
PLOT SCALE = 0.16666667" / IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

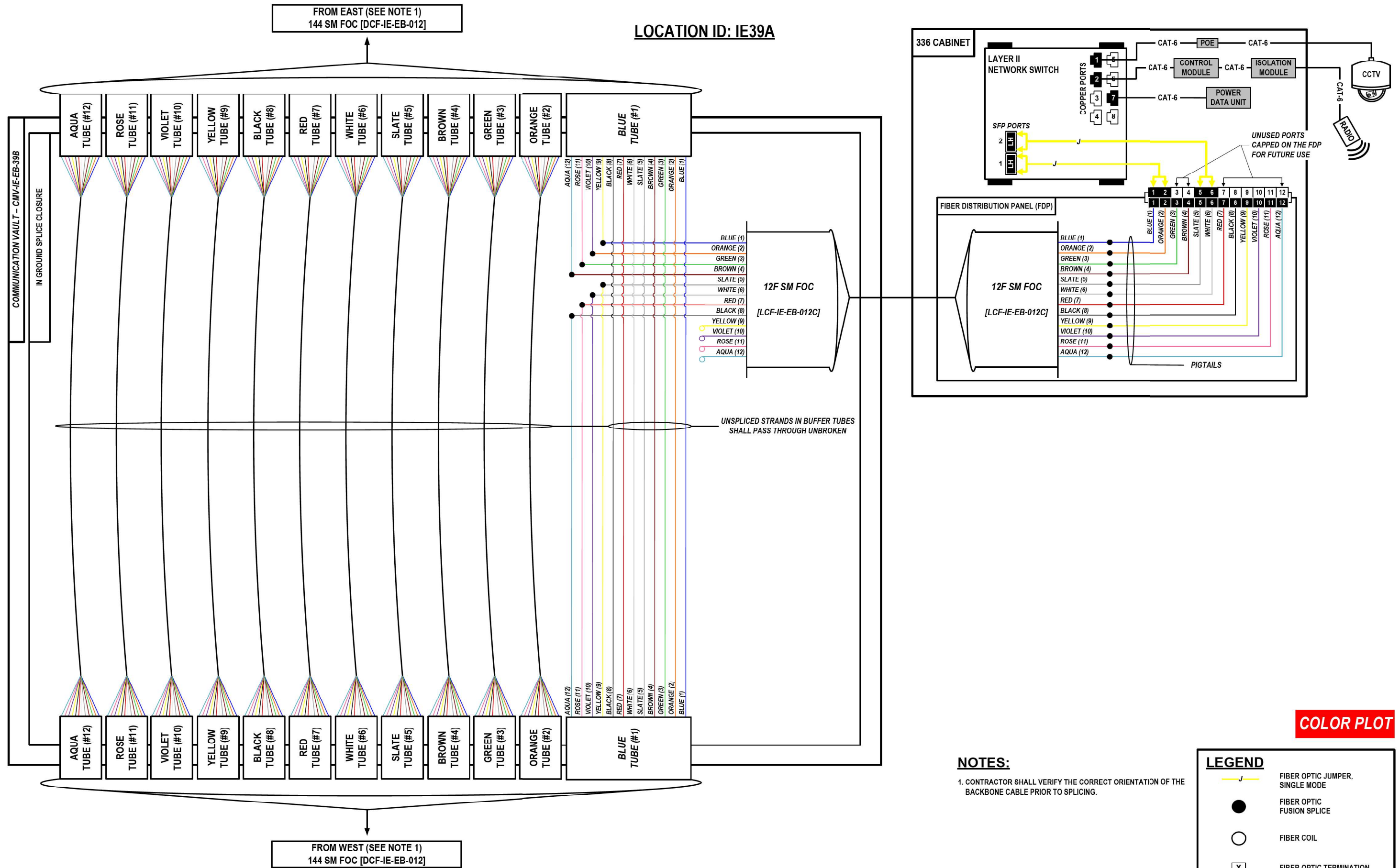
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS			
SCALE: N.T.S.	SHEET	OF	SHEETS
STA.		TO STA.	

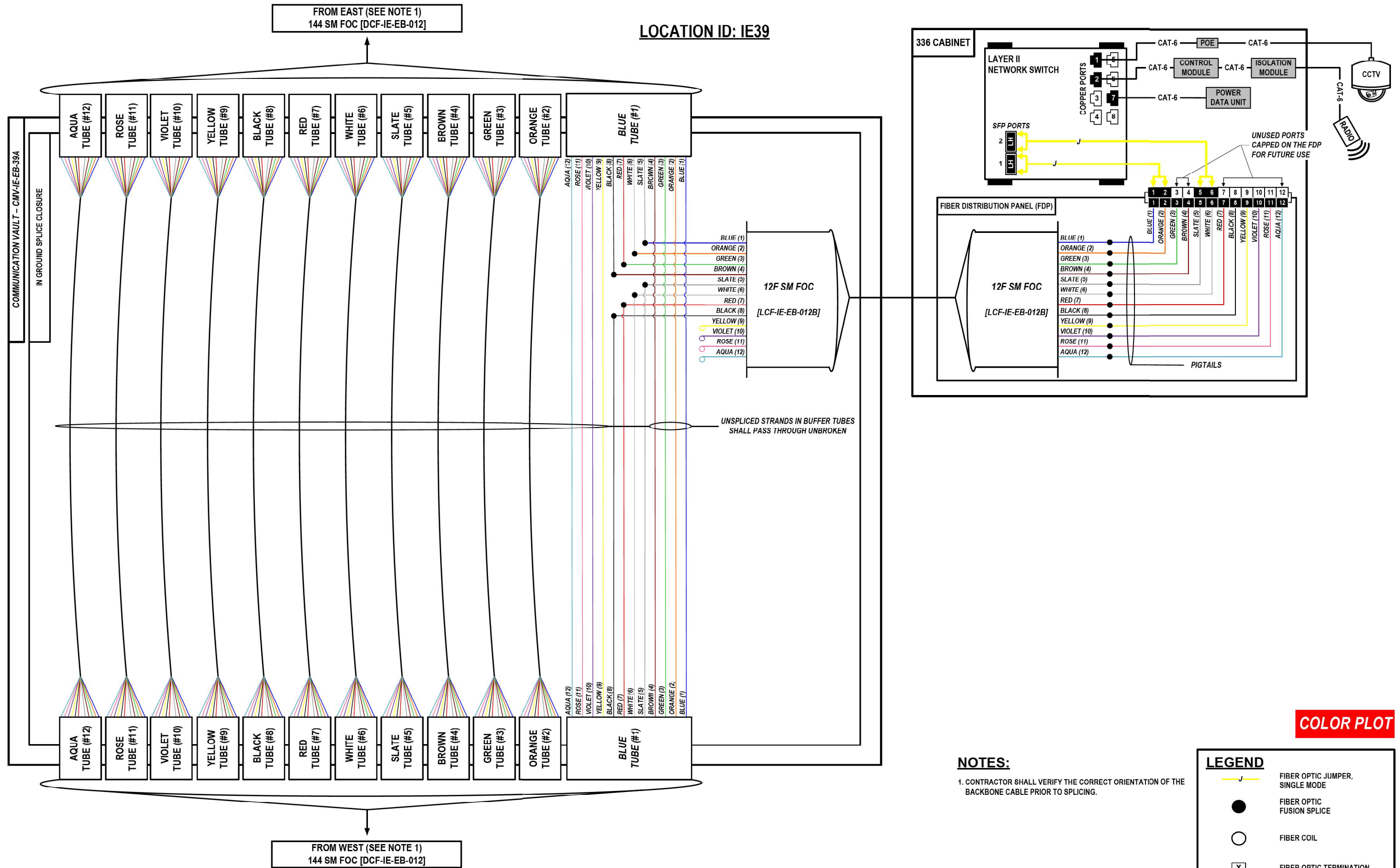
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	342
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\6219-SHT-ITS-SPICE-05.DGN



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\62R19-SHT-ITS-SPICE-06.DGN



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\01\DM532656\62R19-SHT-ITS-SPICE-07.DGN



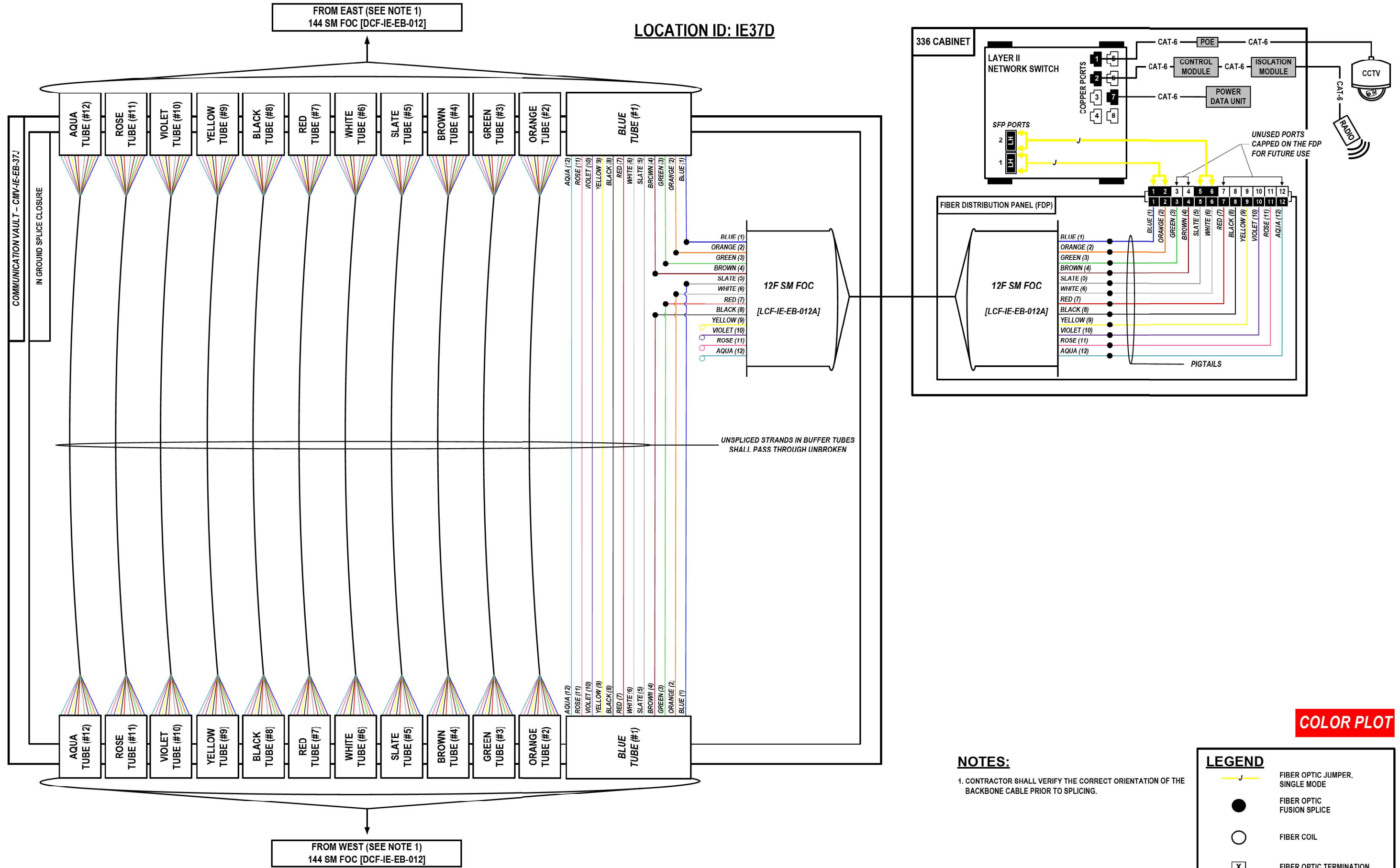
USER NAME	= SALASL	DESIGNED -	JAM	REVISED -	
		DRAWN -	AJV	REVISED -	
PLOT SCALE	= 0.16666667 " / IN.	CHECKED -	DJM	REVISED -	
PLOT DATE	= 11/12/2025	DATE -	11/12/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

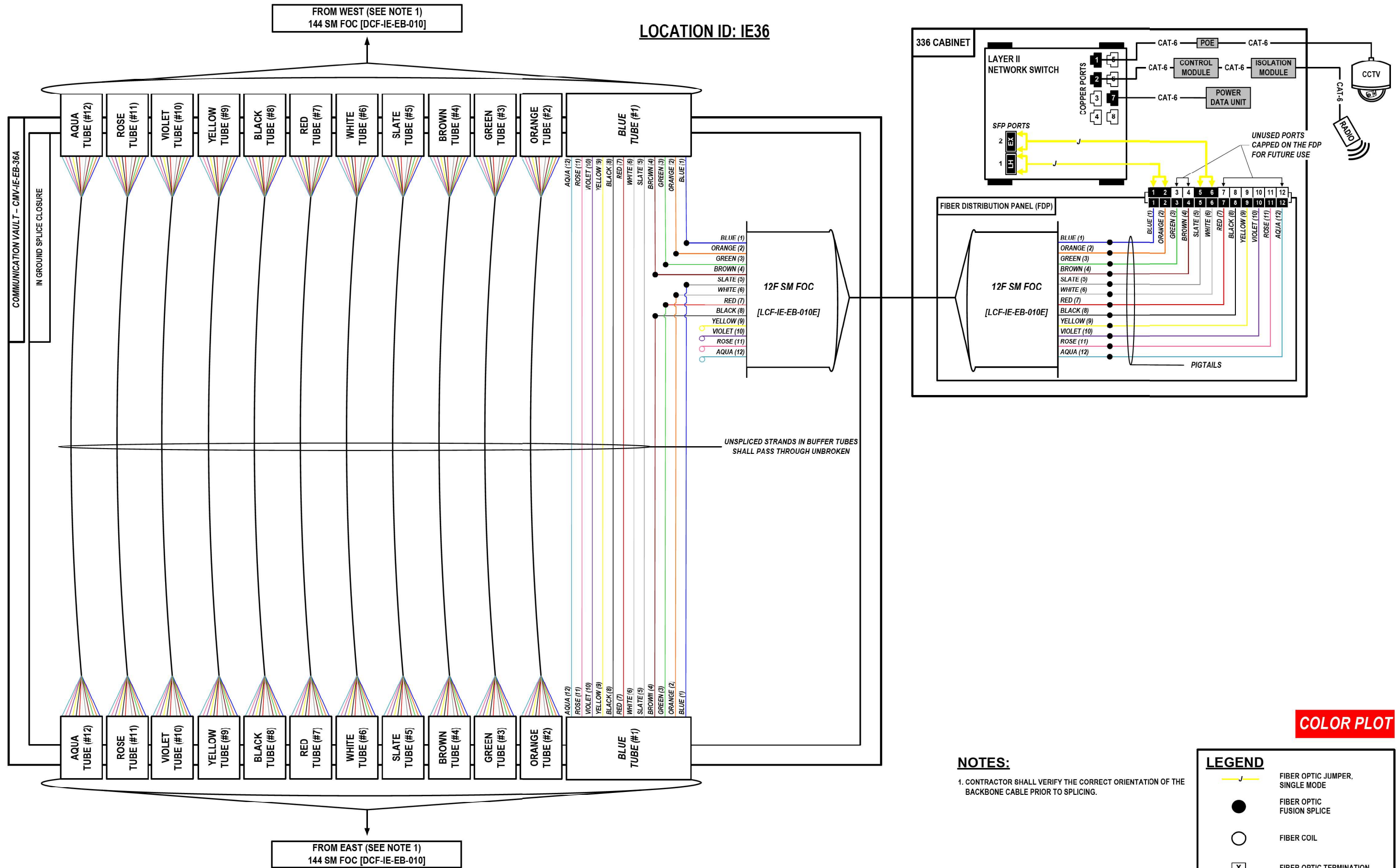
I-80
SPICE DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	345
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

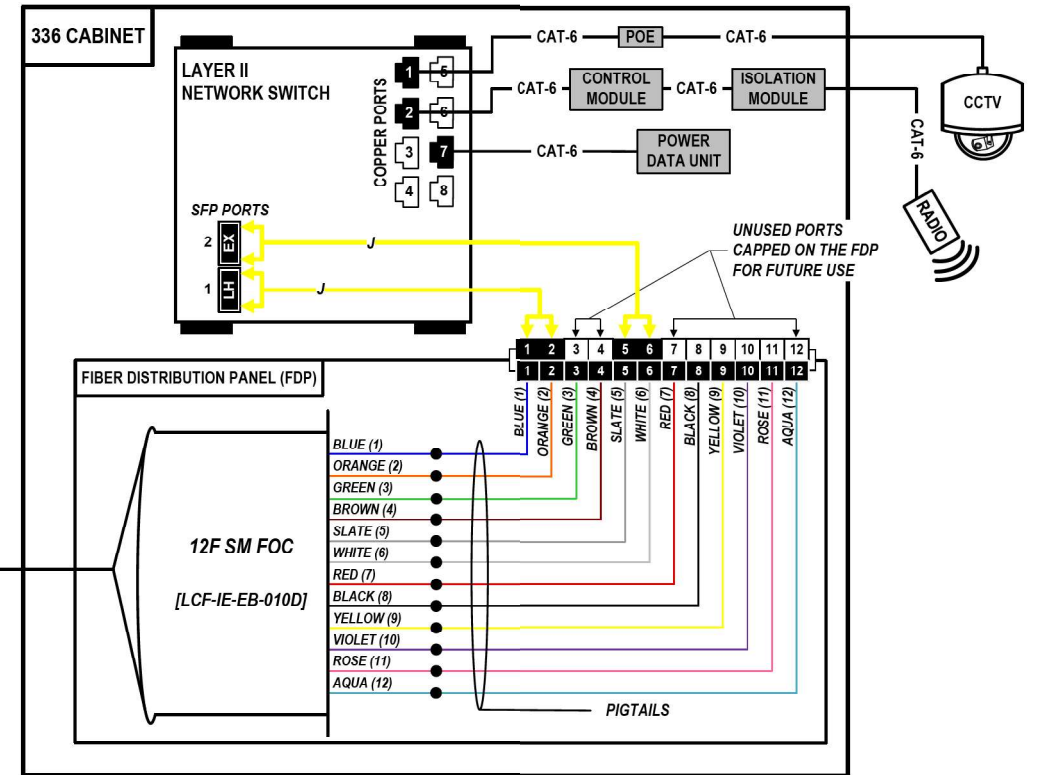


MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\3265662R19-SHT-ITS-SPICE-08.DGN



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\LOCAL\IE35A\62R19-SHT-ITS-SPICE-09.DGN

LOCATION ID: IE35A



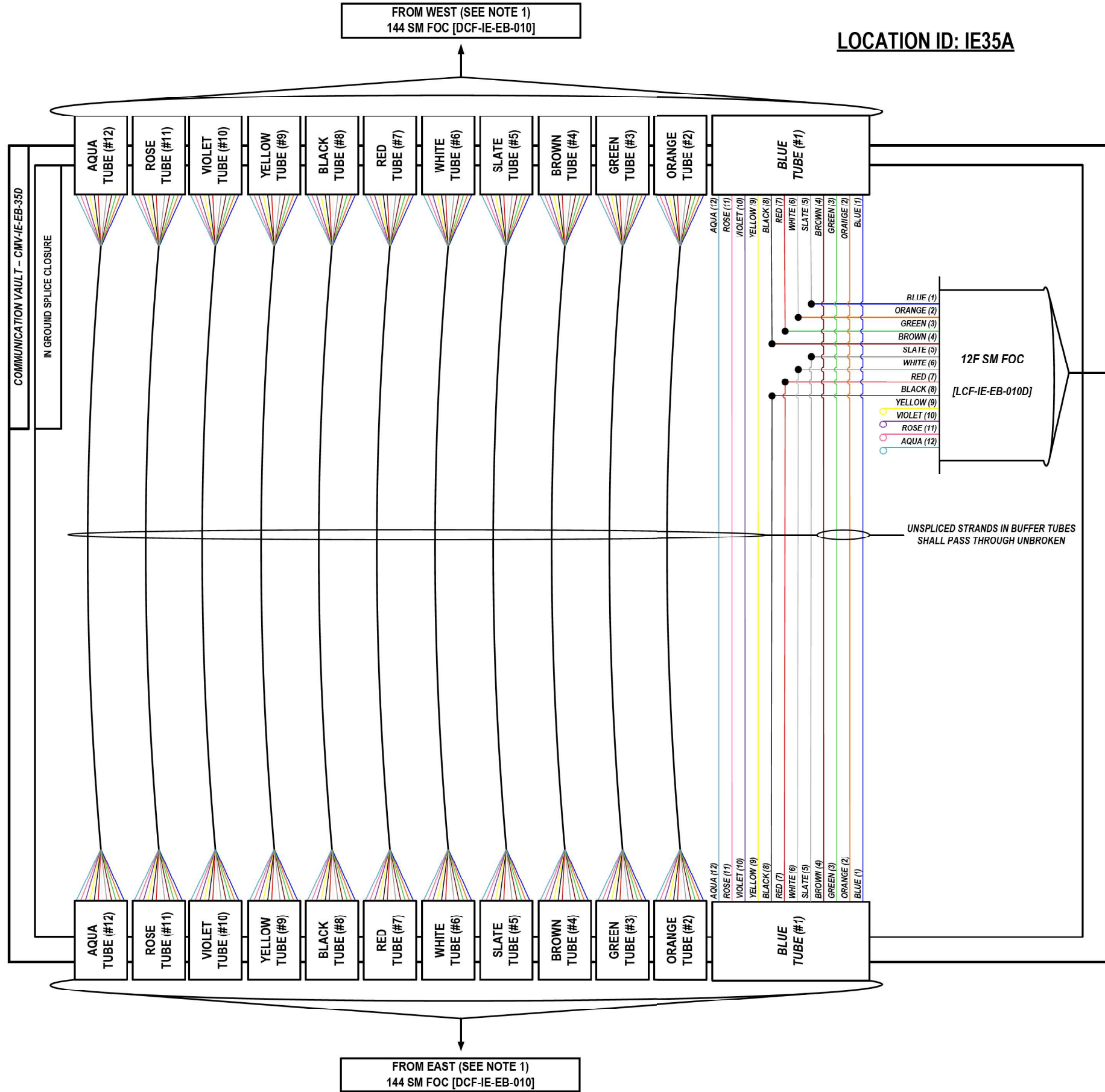
NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

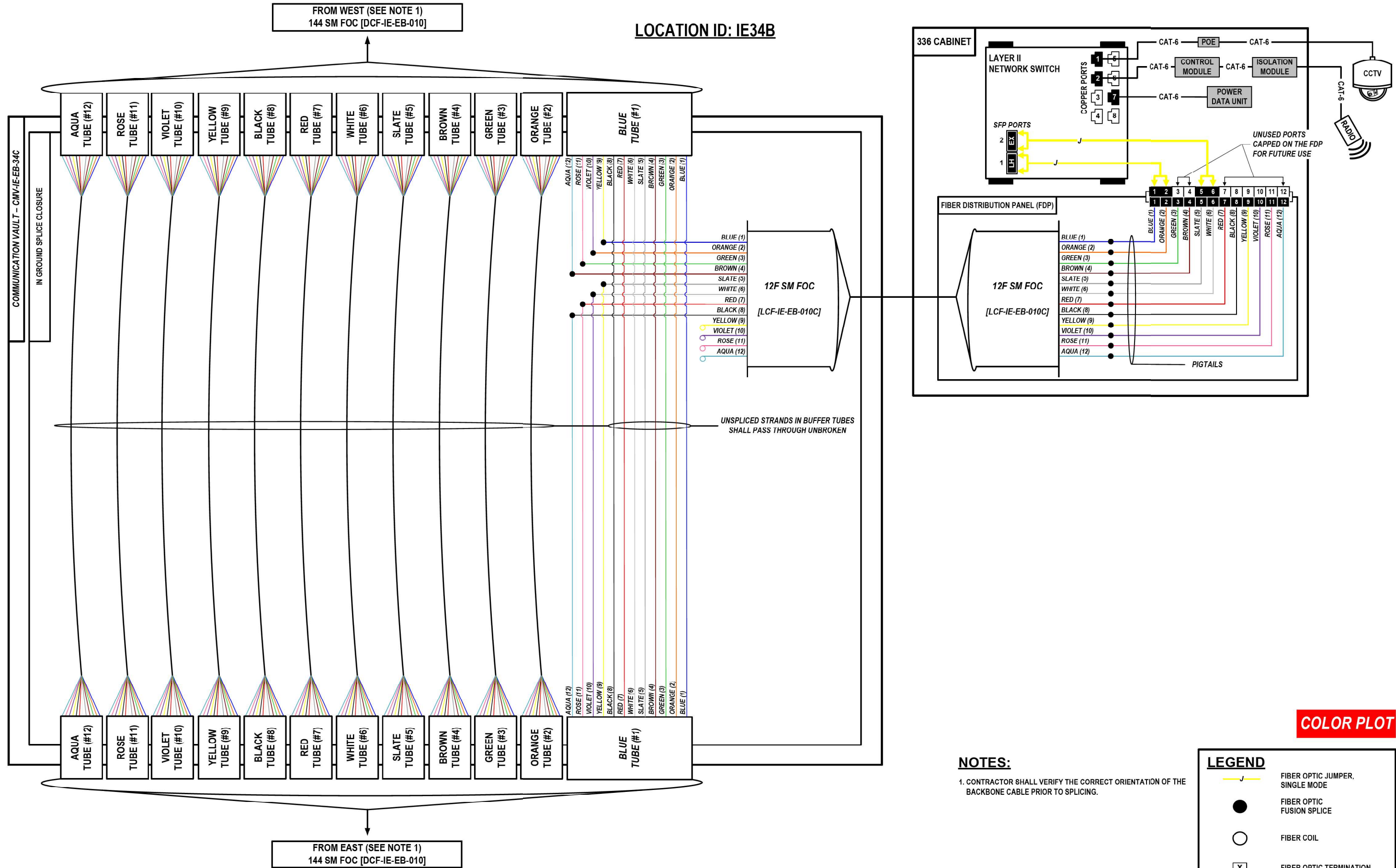
LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICER
- FIBER COIL
- FIBER OPTIC TERMINATION

COLOR PLOT



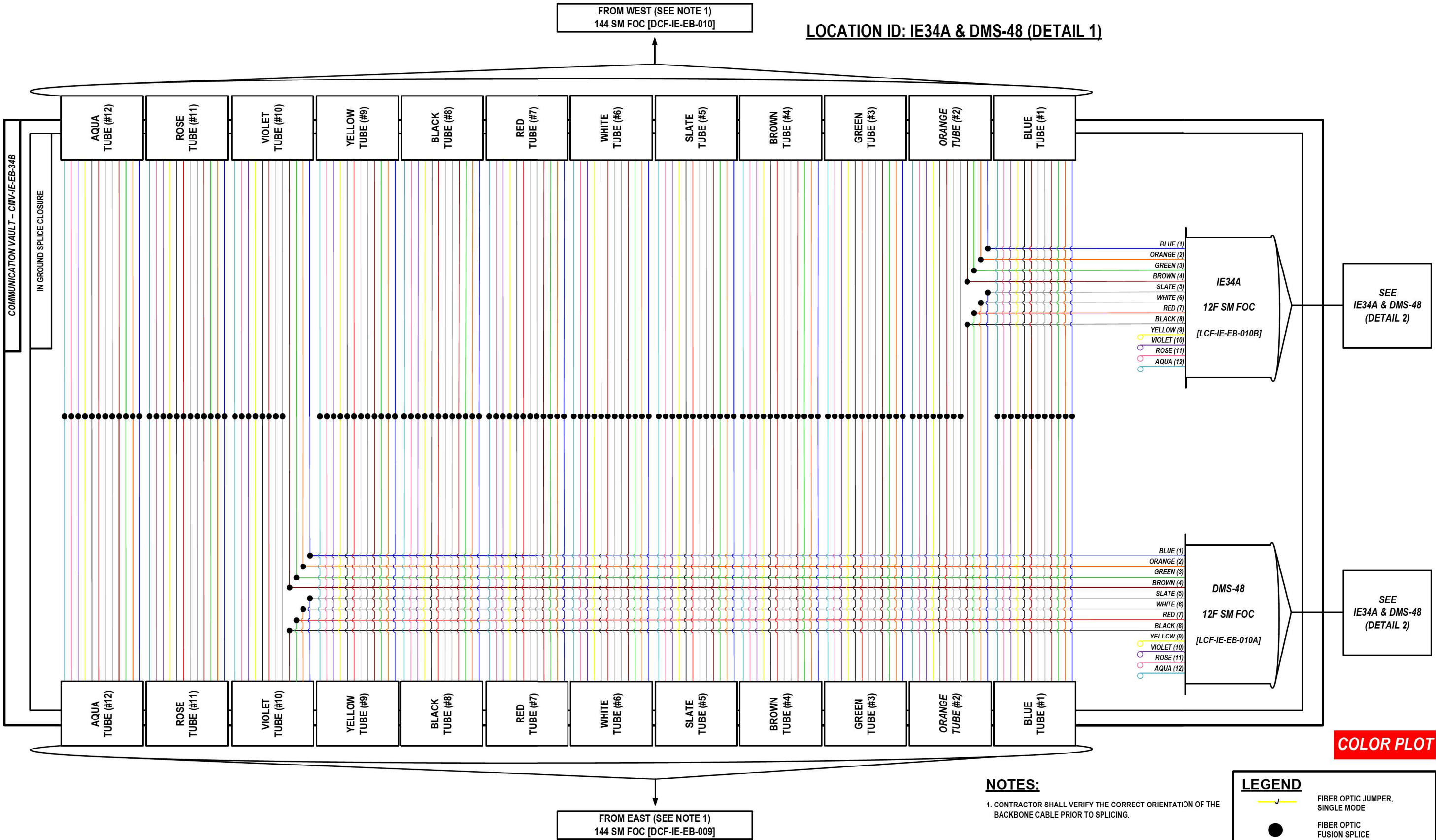
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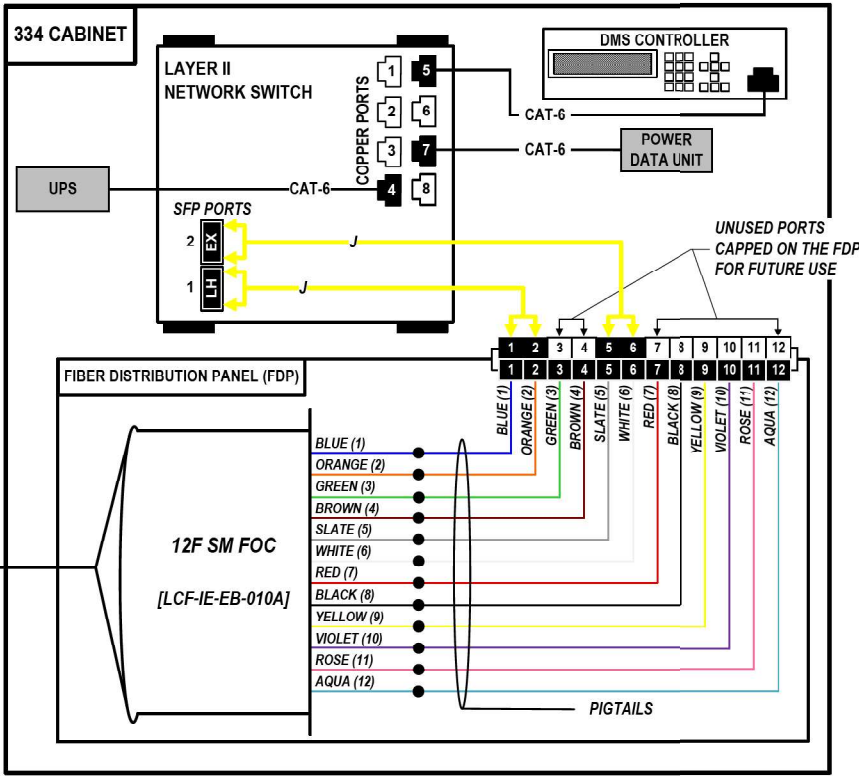
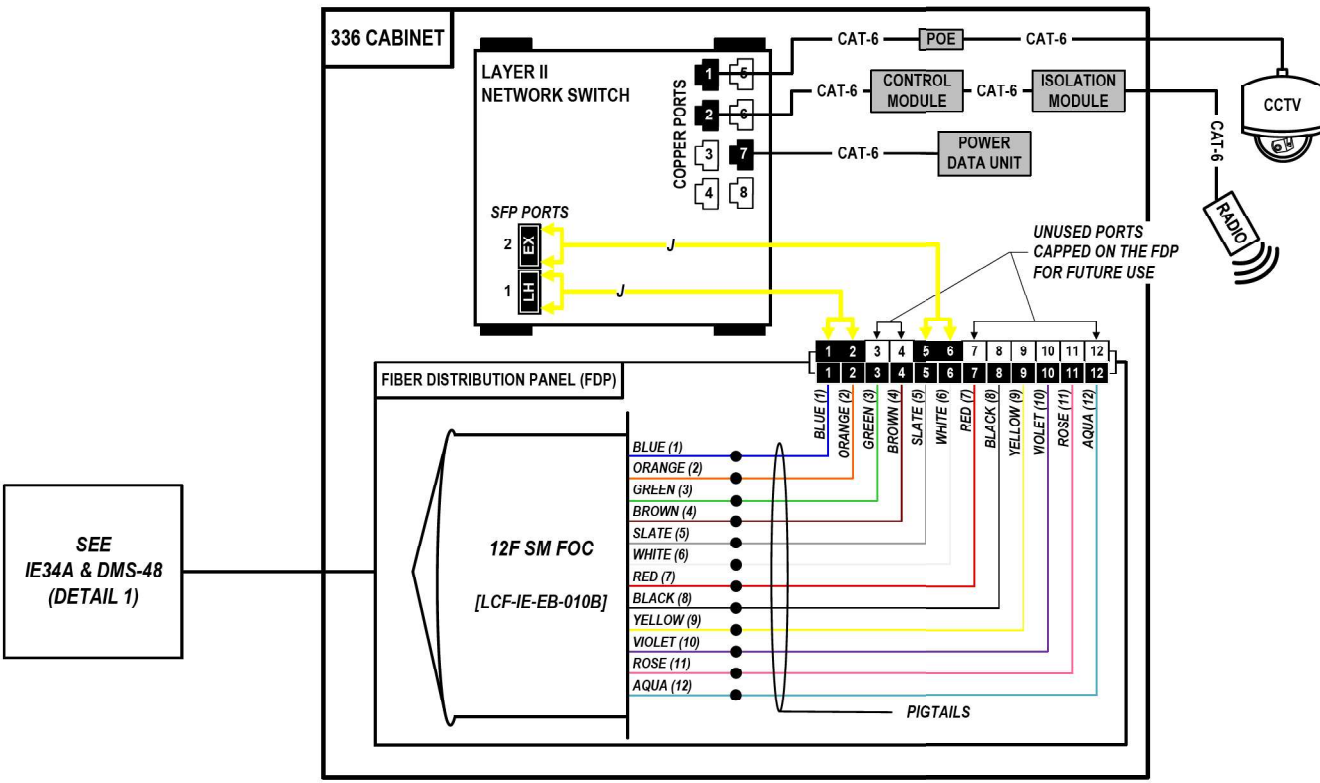
MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\01\DM532656\62R19-SHT-ITS-SPICE-11.DGN

USER NAME	= SALASL	DESIGNED -	JAM	REVISED -	
		DRAWN -	AJW	REVISED -	
PLOT SCALE	= 0.16666667 " / IN.	CHECKED -	DJM	REVISED -	
PLOT DATE	= 11/12/2025	DATE -	11/12/2025	REVISED -	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	349
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



LOCATION ID: IE34A & DMS-48 (DETAIL 2)



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSPORT\SYSTEMS\LOCAL\TRANSPORT\SYSTEMS\HW\01\DM3265662819-SHT-ITS-SPICE-12.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
DRAWN - AJW	REVISED -	
PLOT SCALE = 0.16666667" / IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPICE DETAILS			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	350
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

MODEL: 2D SHEET 14
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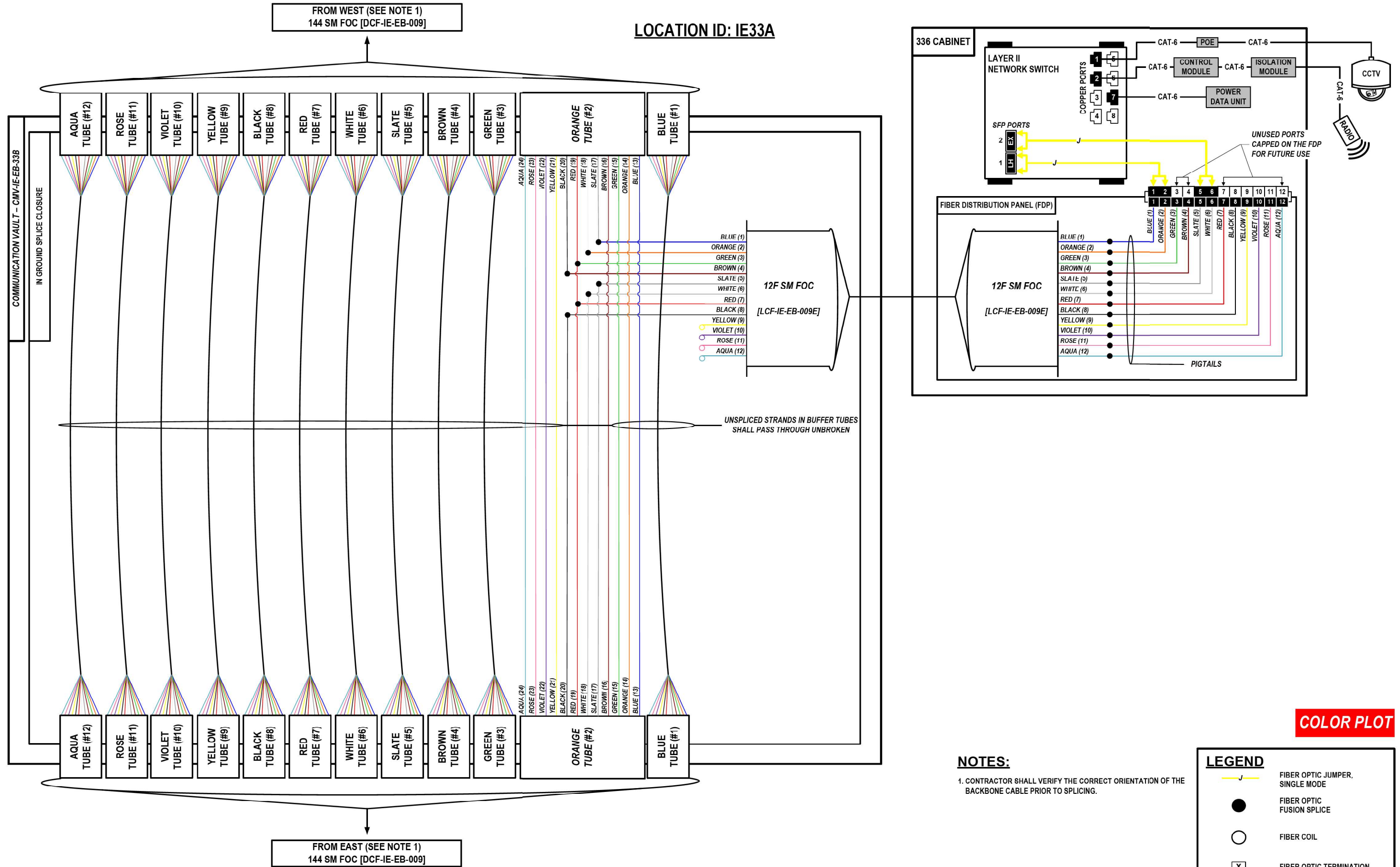
USER NAME	= SALASL	DESIGNED	- JAM	REVISED	-
DRAWN	- AJW	REVISION	-	REVISION	-
PLOT SCALE	= 0.16666667 "/ IN.	CHECKED	- DJM	REVISION	-
PLOT DATE	= 11/12/2025	DATE	- 11/12/2025	REVISION	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
SPICE DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	351
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\32656\62R19-SHT-ITS-SPICE-14.DGN



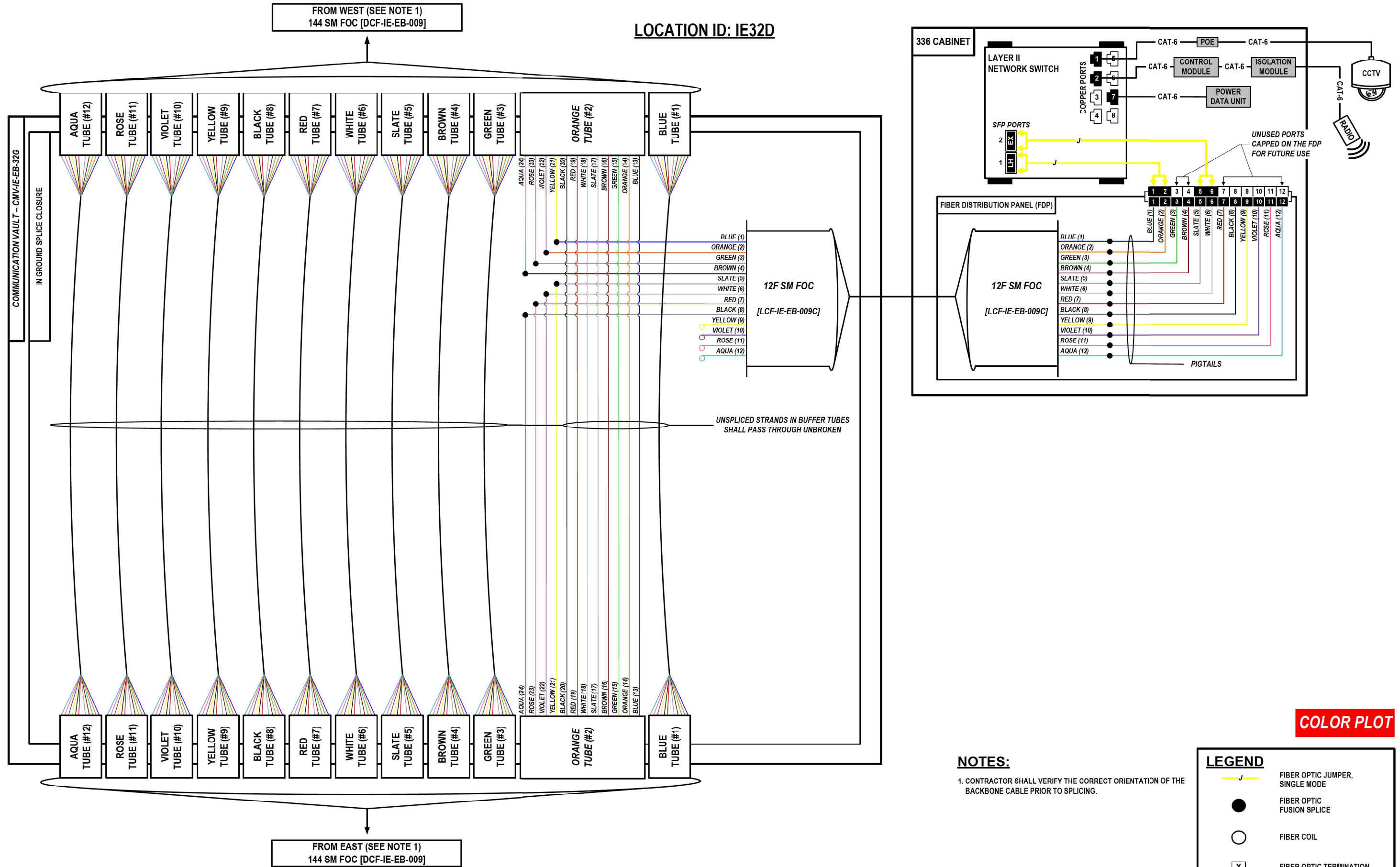
USER NAME = SALASL	DESIGNED - JAM
	DRAWN - AJW
PLOT SCALE = 0.16666667" / IN.	CHECKED - DJM
PLOT DATE = 11/12/2025	DATE - 11/12/2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

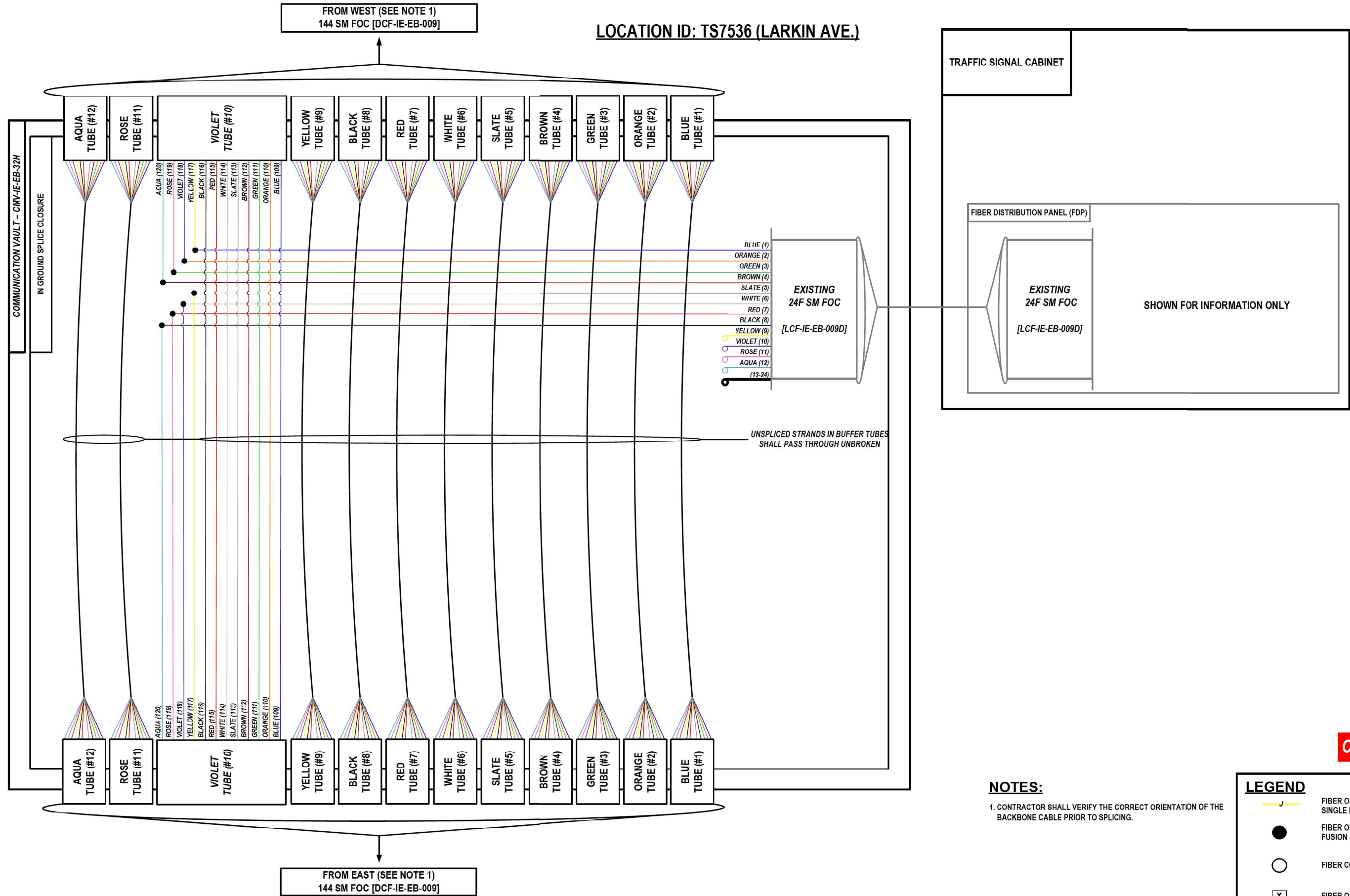
I-80
SPICE DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

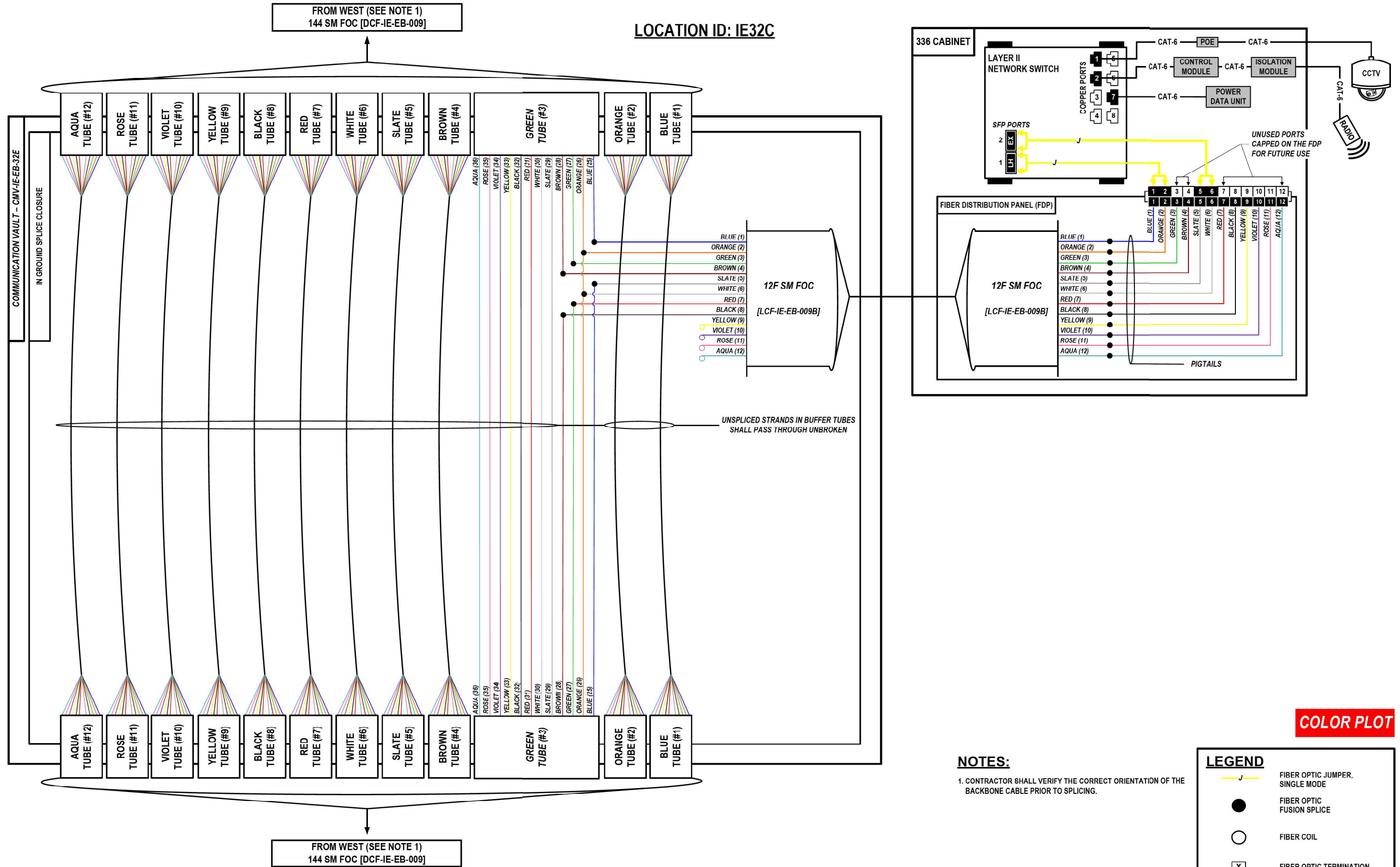
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	352
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



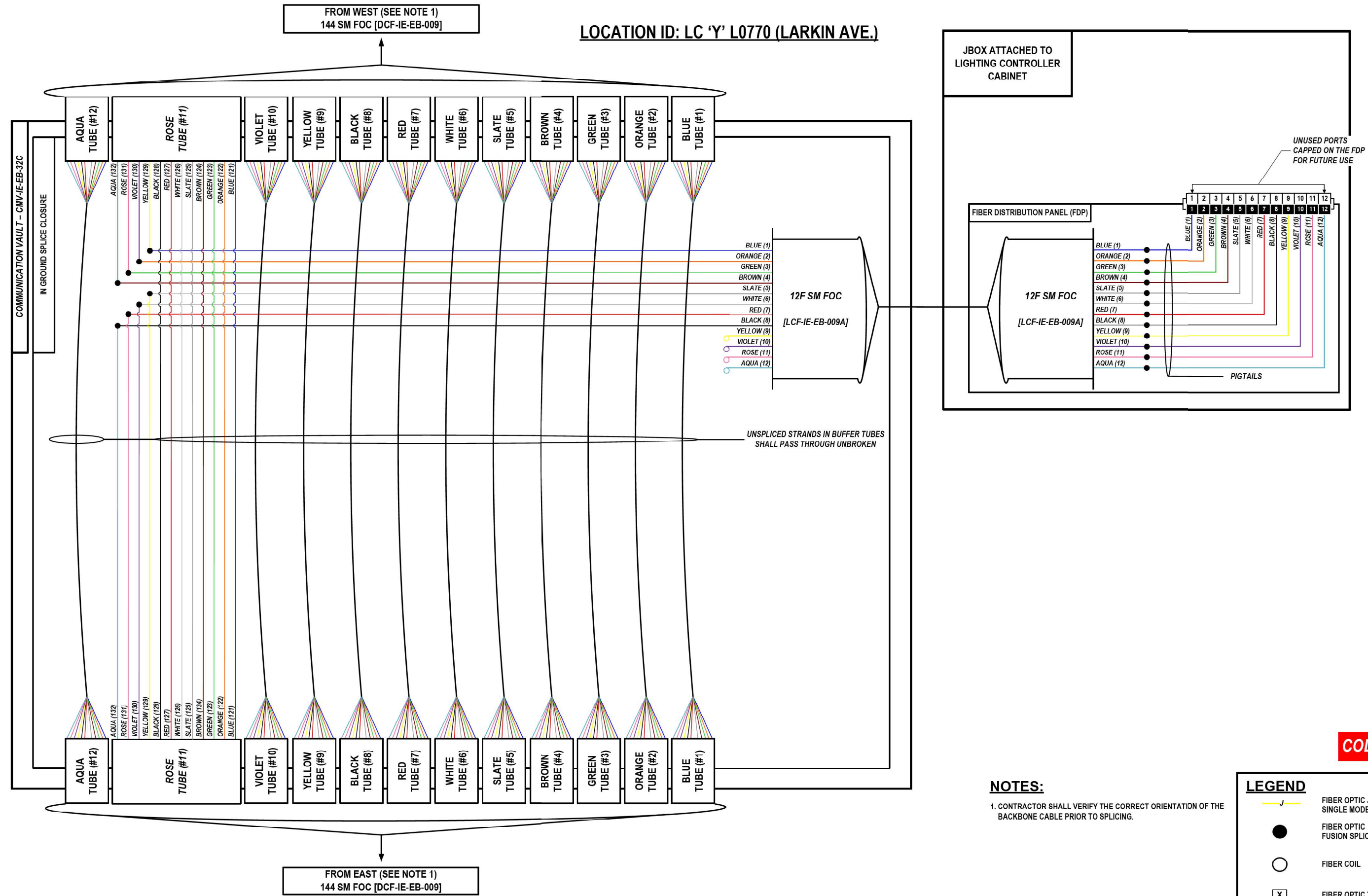
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MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DM532656\62R19-SHT-ITS-SPICE-16.DGN



LOCATION ID: LC 'Y' L0770 (LARKIN AVE.)



NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

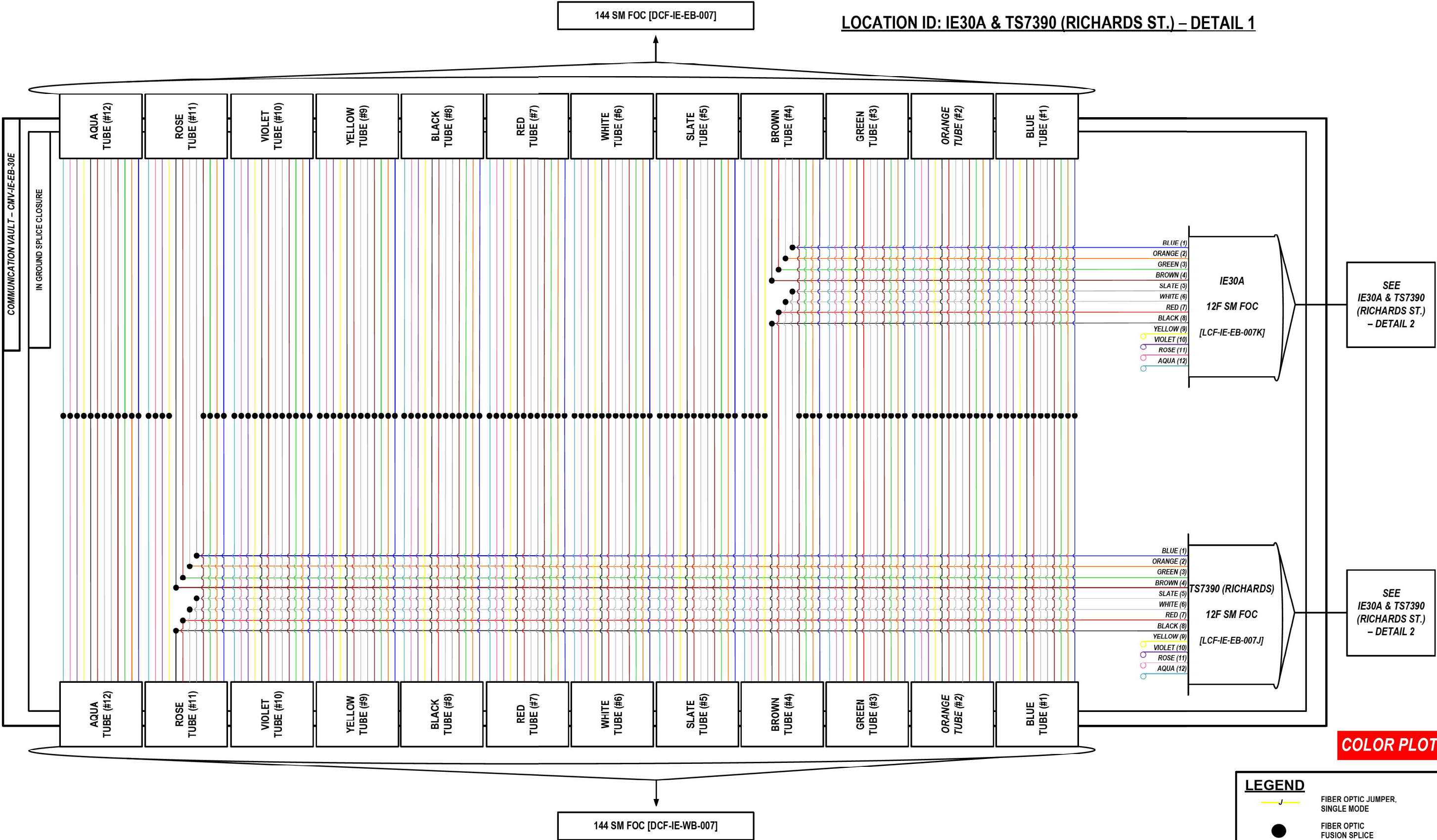
LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICED
- FIBER COIL
- FIBER OPTIC TERMINATION

COLOR PLOT

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSMISSIONS\LOCAL\TRANSMISSIONS-RW\01\DM632656\62R19-SHT-ITS-SPICE-17.DGN

LOCATION ID: IE30A & TS7390 (RICHARDS ST.) – DETAIL 1



COLOR PLOT

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICED
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSMISSIONS\LOCAL\TRANSMISSIONS\62R19-SHT-ITS-SPICE-18.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

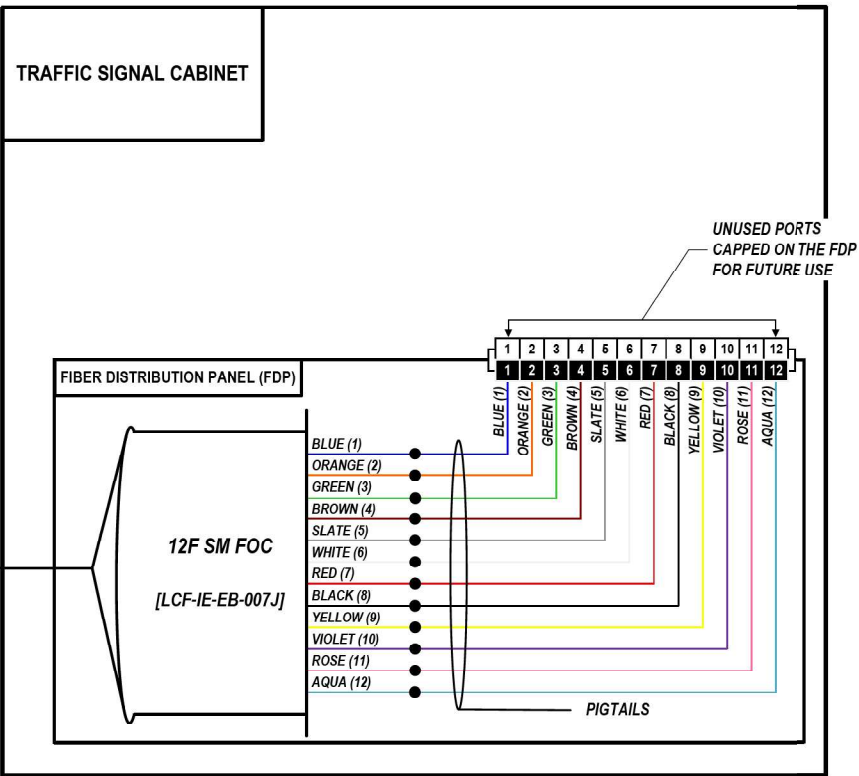
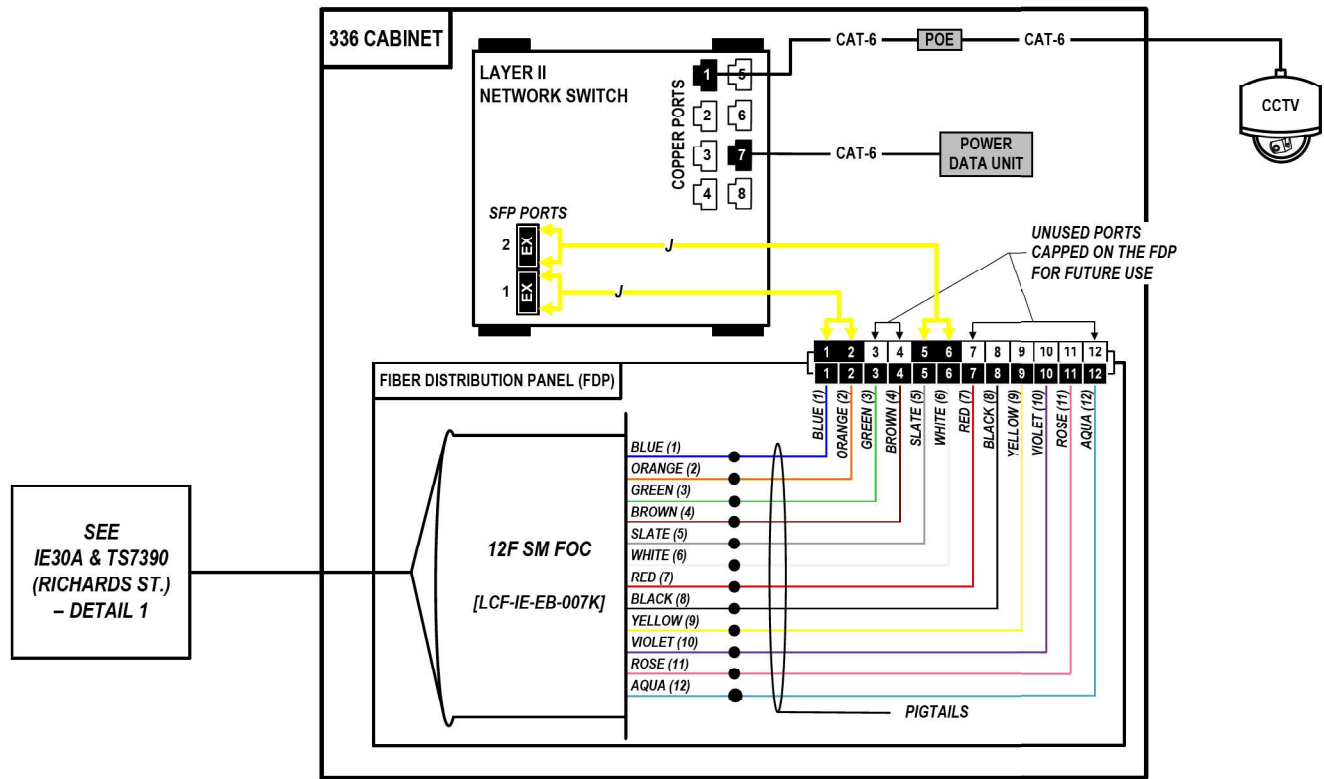
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	DRAWN - AJW	REVISED -
PLOT SCALE = 0.16666667" / IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPICE DETAILS			
SCALE: N.T.S.	SHEET	OF	SHEETS
STA.	TO	STA.	TO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	356
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

LOCATION ID: IE30A & TS7390 (RICHARDS ST.) – DETAIL 2



NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

COLOR PLOT

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSPORT\SYSTEMS\LOCAL\TRANSPORT\SYSTEMS\HW\01\DM632656\62R19-SHT-ITS-SPLICE-19.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME	= SALASL	DESIGNED -	JAM	REVISED -	
DRAWN -	AJV	REVISED -			
PLOT SCALE	= 0.16666667" / IN.	CHECKED -	DJM	REVISED -	
PLOT DATE	= 11/12/2025	DATE -	11/12/2025	REVISED -	

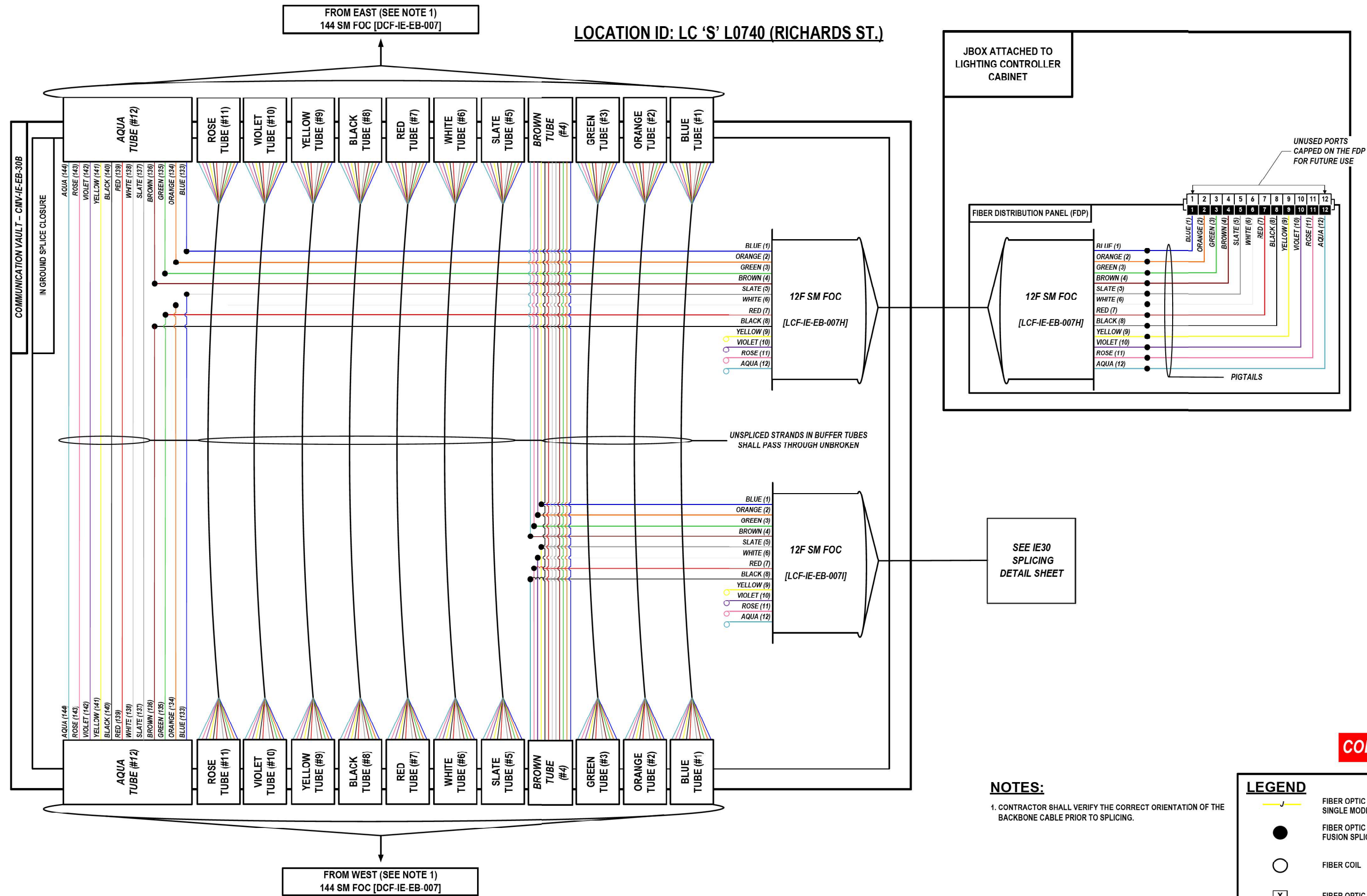
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
SPICE DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

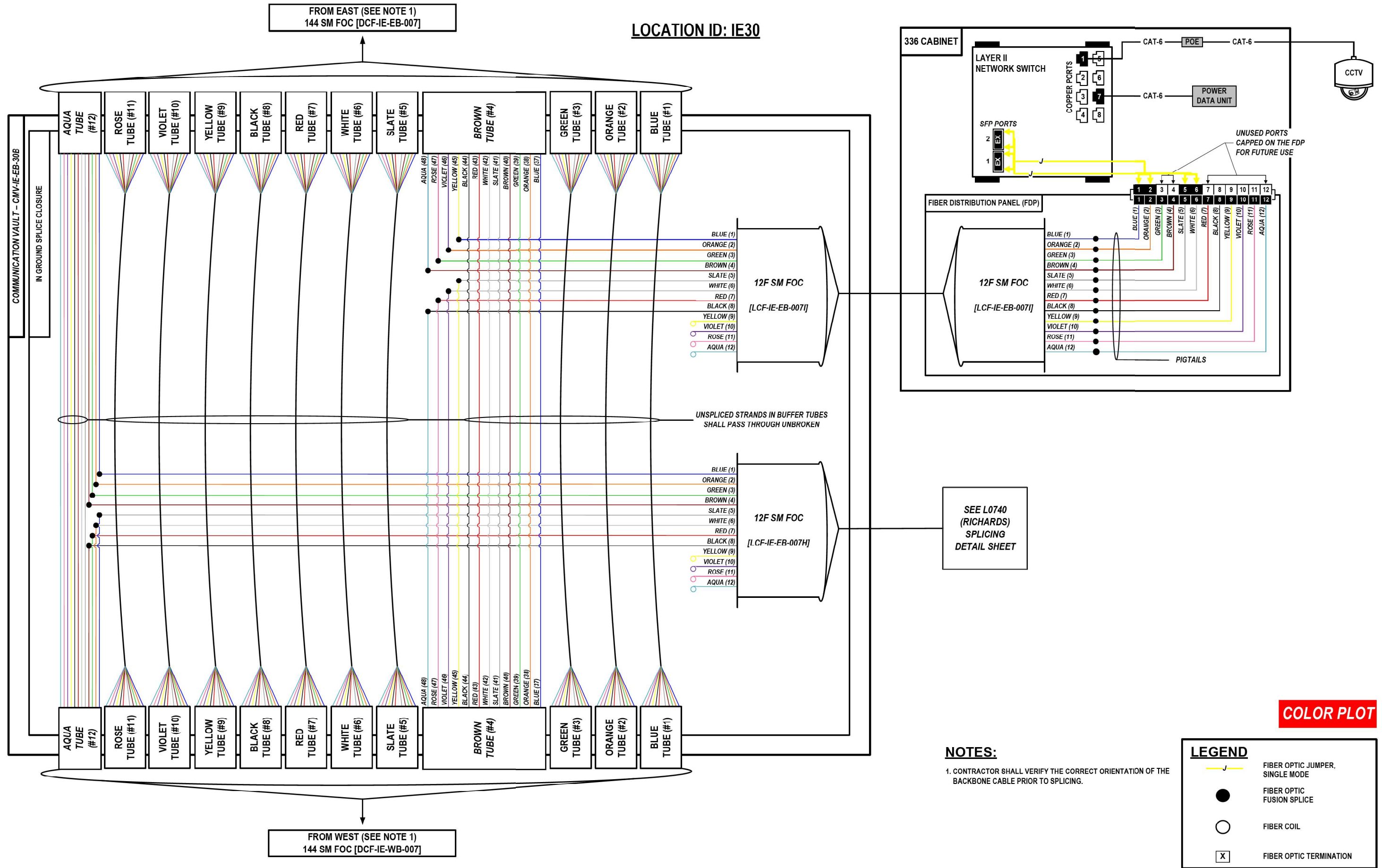
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	357
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

LOCATION ID: LC 'S' L0740 (RICHARDS ST.)



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSMISSIONS\LOCAL\TRANSMISSIONS\RAW\01\DWG\32656\62R19-SHT-ITS-SPICE-20.DGN

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\LOCAL\IE30\62R19-SHT-ITS-SPICE-21.DGN



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DM532656\62R19-SHT-ITS-SPICE-23.DGN



USER NAME = SALASL	DESIGNED - JAM
	DRAWN - AJW
PLOT SCALE = 0.16666667" / IN.	CHECKED - DJM
PLOT DATE = 11/12/2025	DATE - 11/12/2025

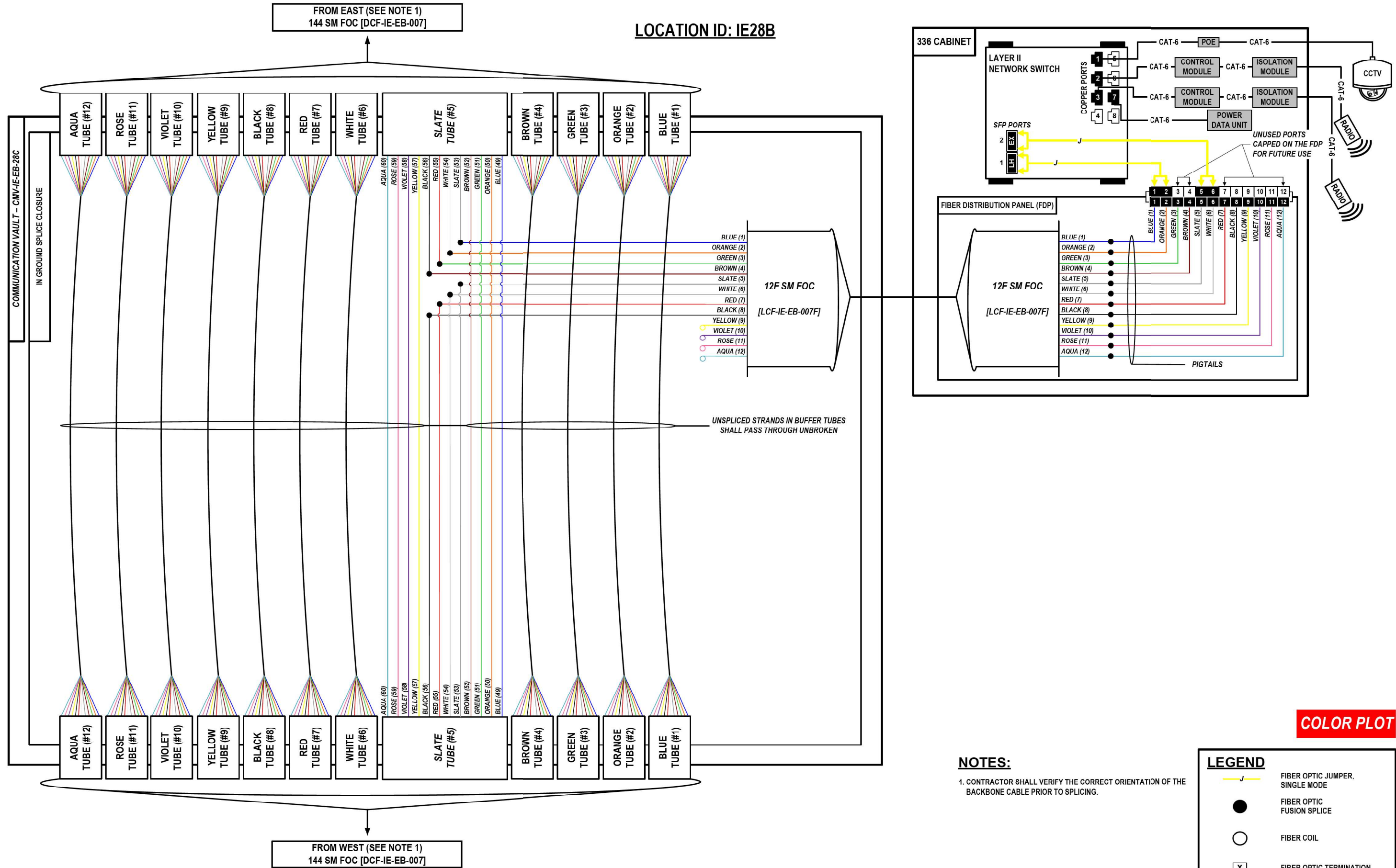
CHECKED	- DJM	REVISED	-
DATE	- 11/12/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

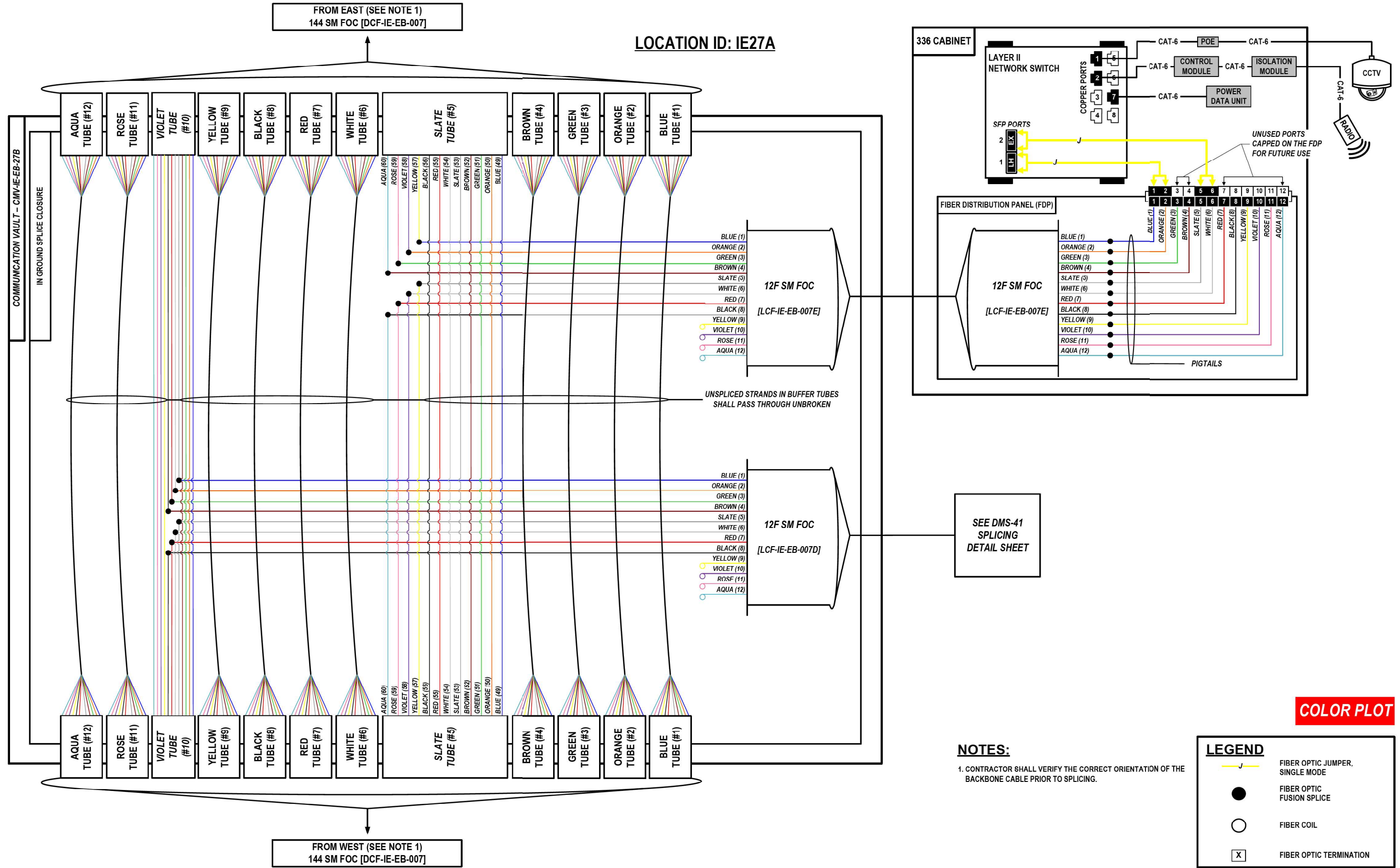
I-80
SPICE DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

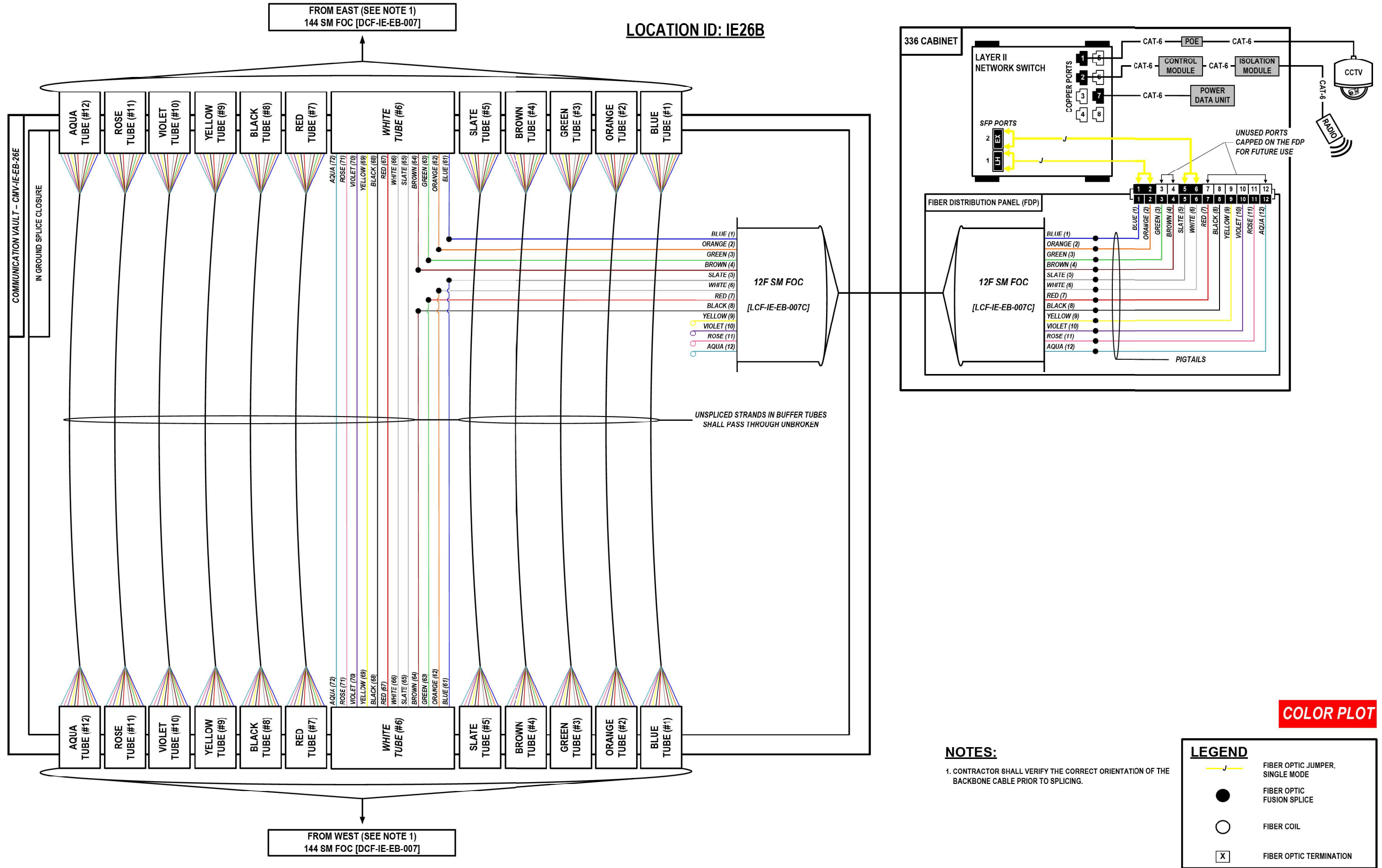
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	361
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



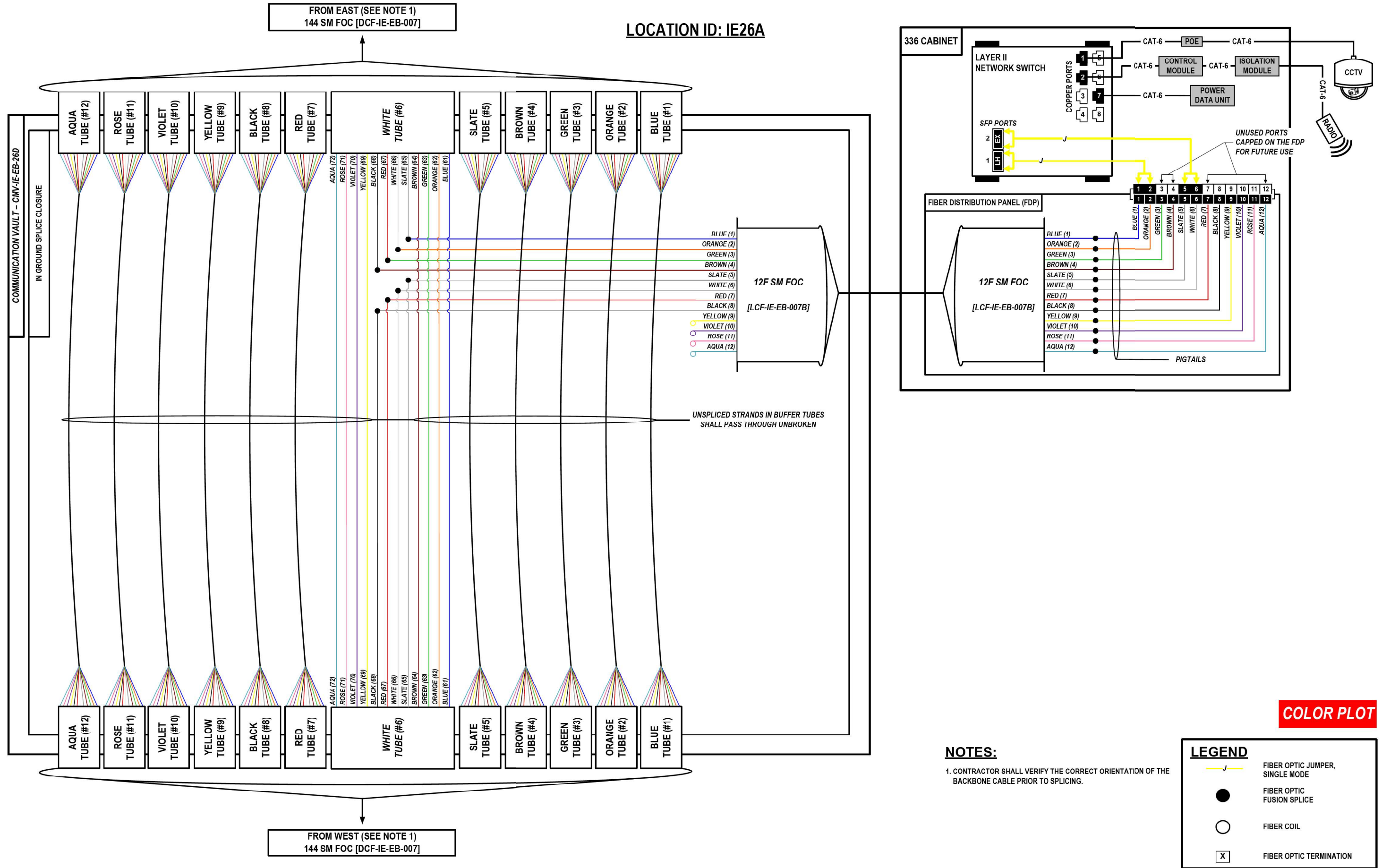
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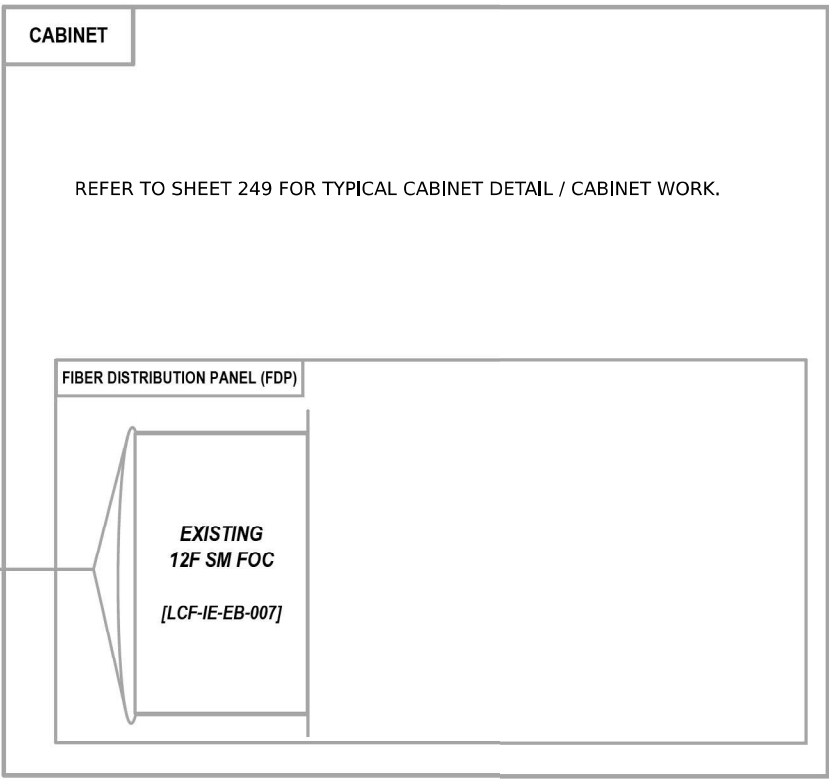
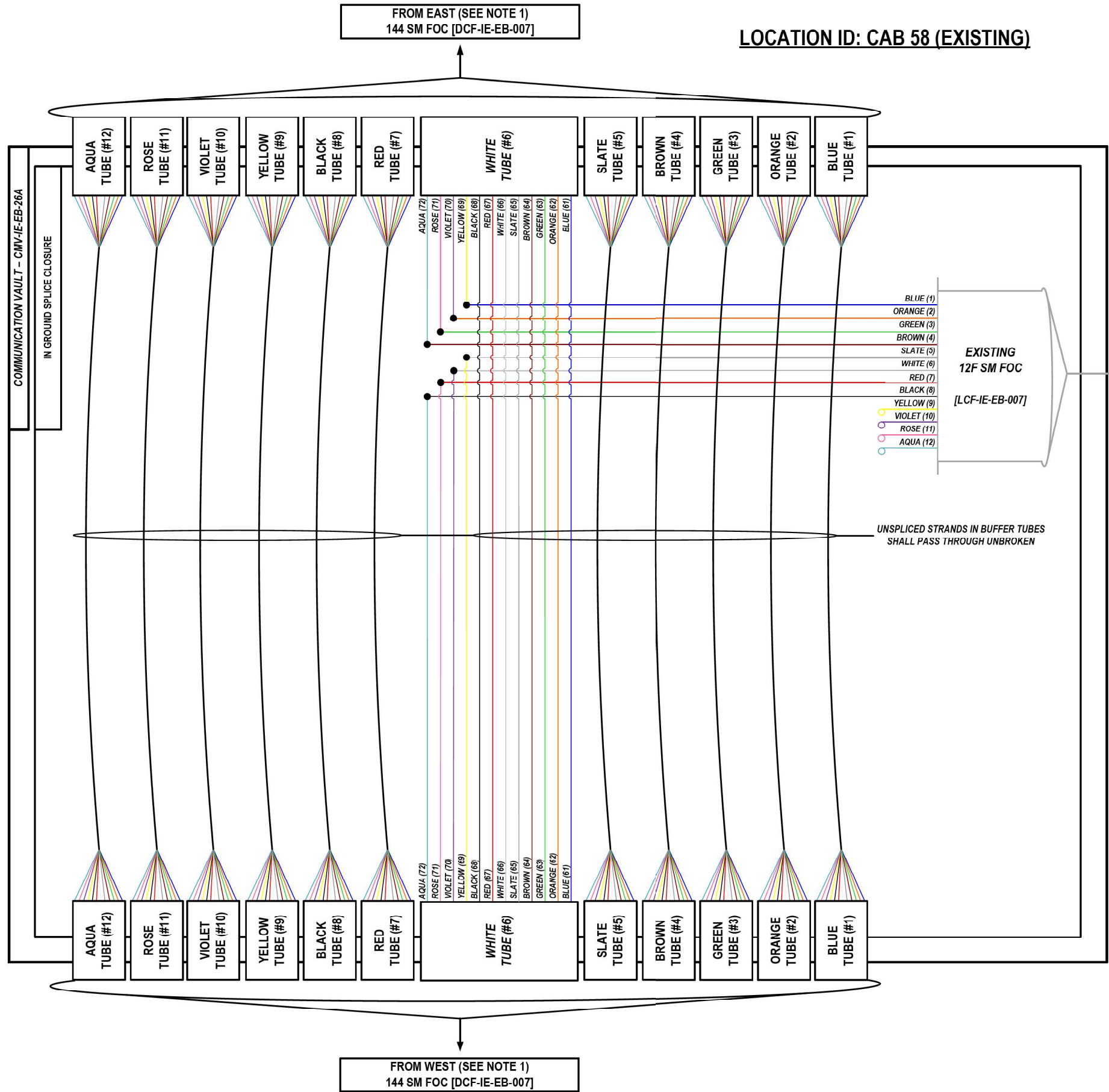
MODEL: 2D SHEET 14
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MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\LOCAL\IE-EB-26D\19-SHT-ITS-SPICE-27.DGN



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\32656\62R19-SHT-ITS-SPICE-28.DGN



NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

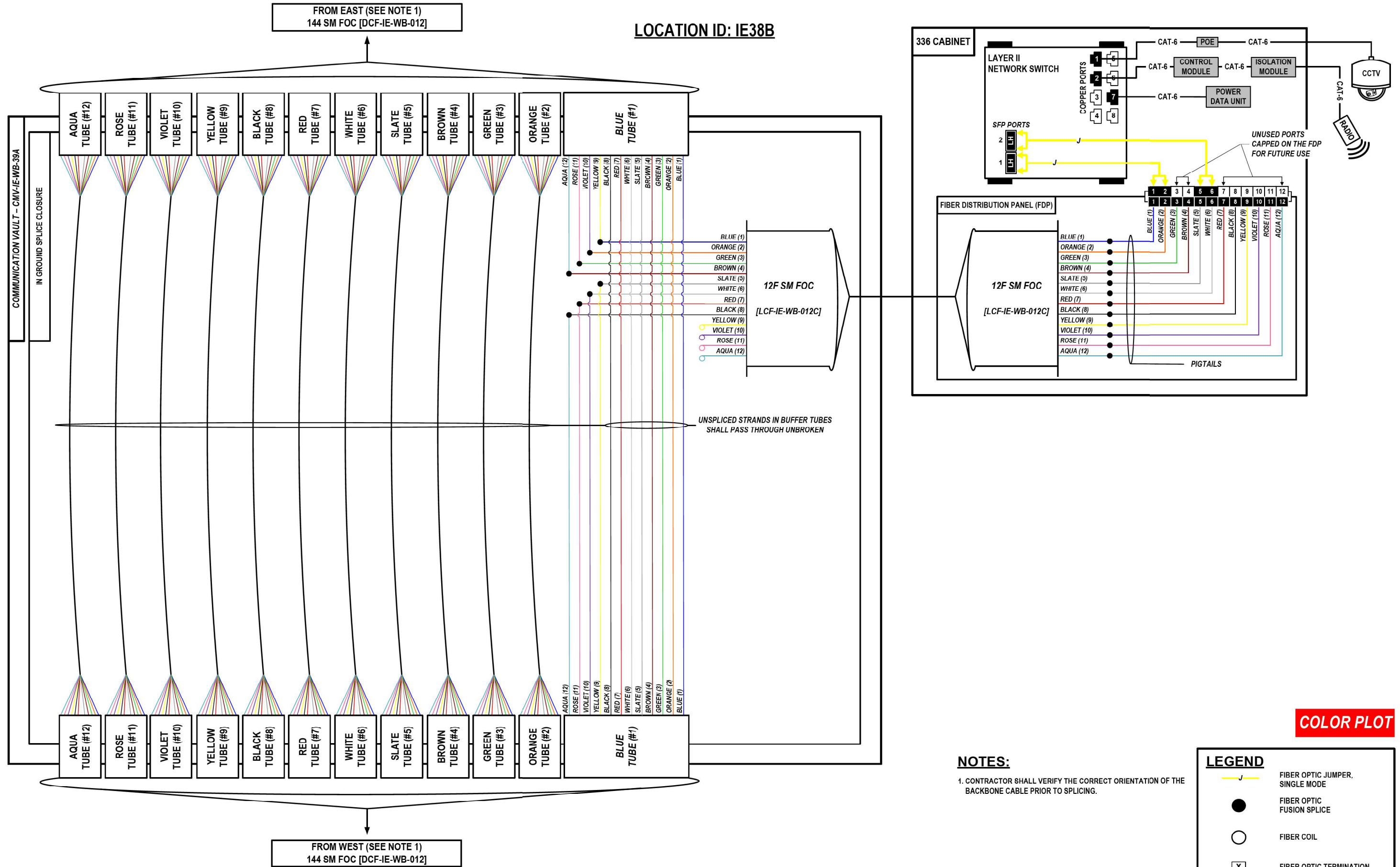
LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLIC
- FIBER COIL
- FIBER OPTIC TERMINATION

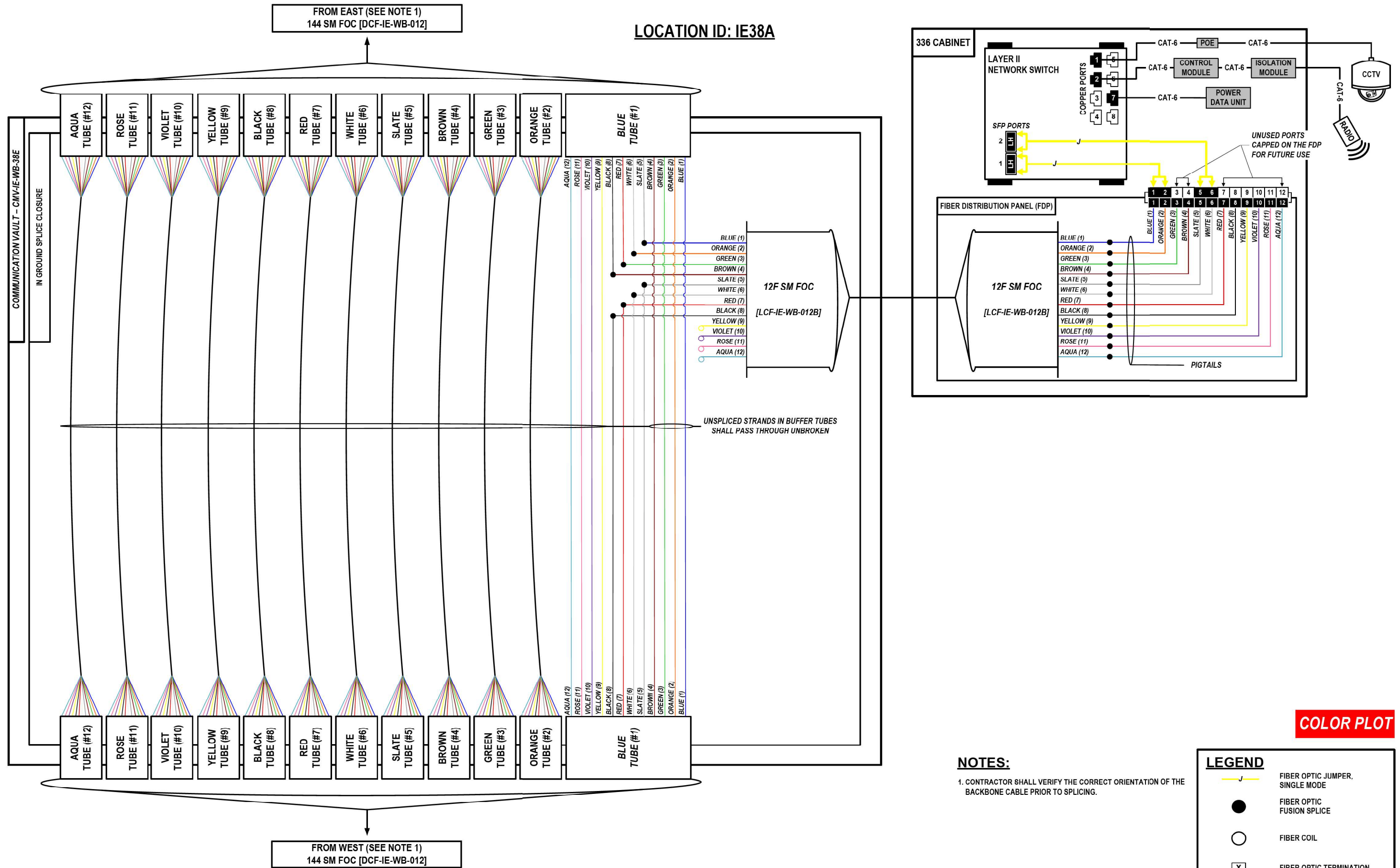
COLOR PLOT

MODEL: 2D SHEET 14
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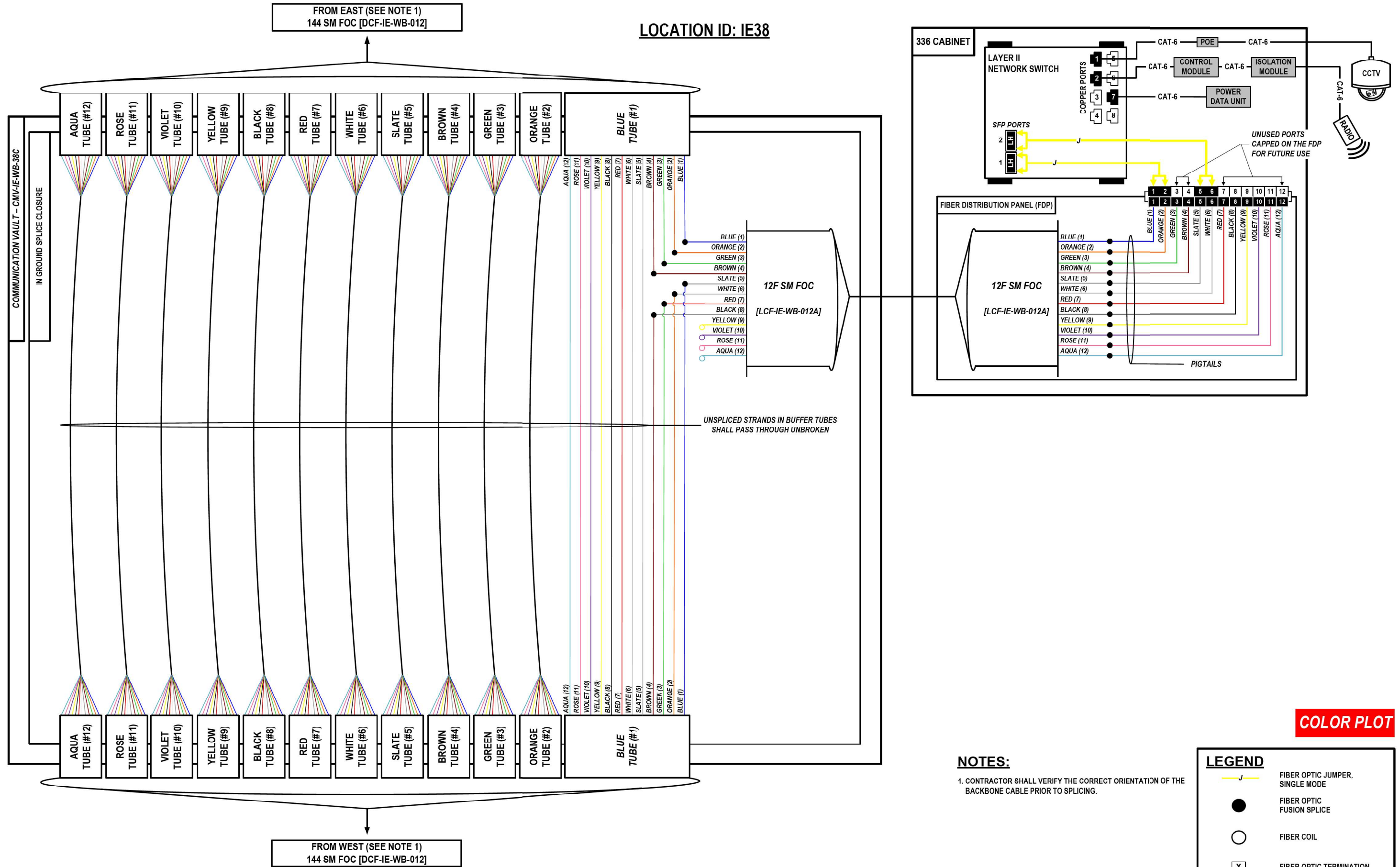
LOCATION ID: IE38B



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\LOCAL\IE38A\IE38A-012B\2019-SHT-ITS-SPICE-30.DGN



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\6219-SHT-ITS-SPLICE-31.DGN



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\32\62R19-SHT-ITS-SPICE-32.DGN



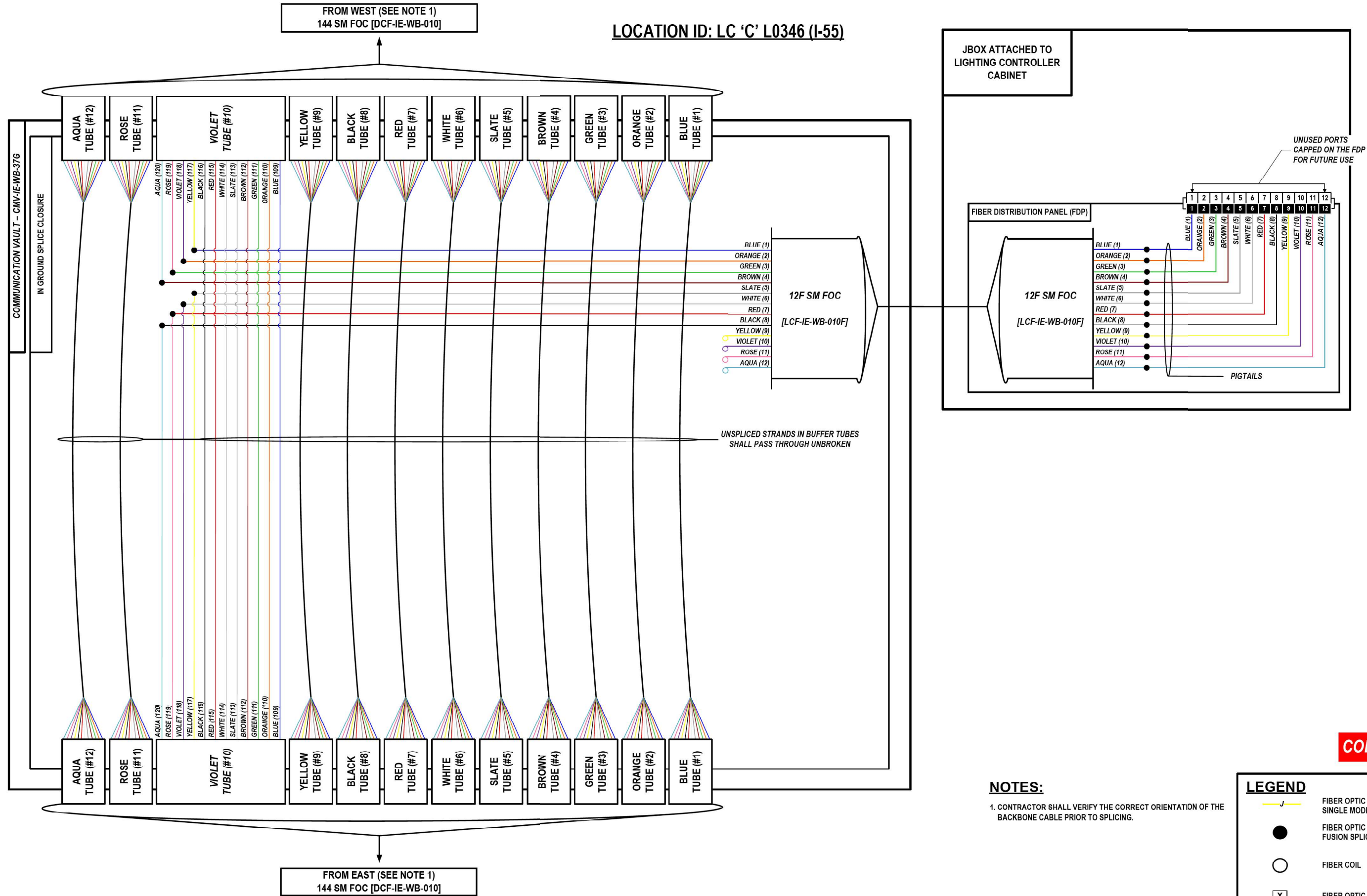
USER NAME	= SALASL	DESIGNED	- JAM	REVISED	-
		DRAWN	- AJW	REVISED	-
PLOT SCALE	= 0.16666667" / IN.	CHECKED	- DJM	REVISED	-
PLOT DATE	= 11/12/2025	DATE	- 11/12/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
SPICE DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	370
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

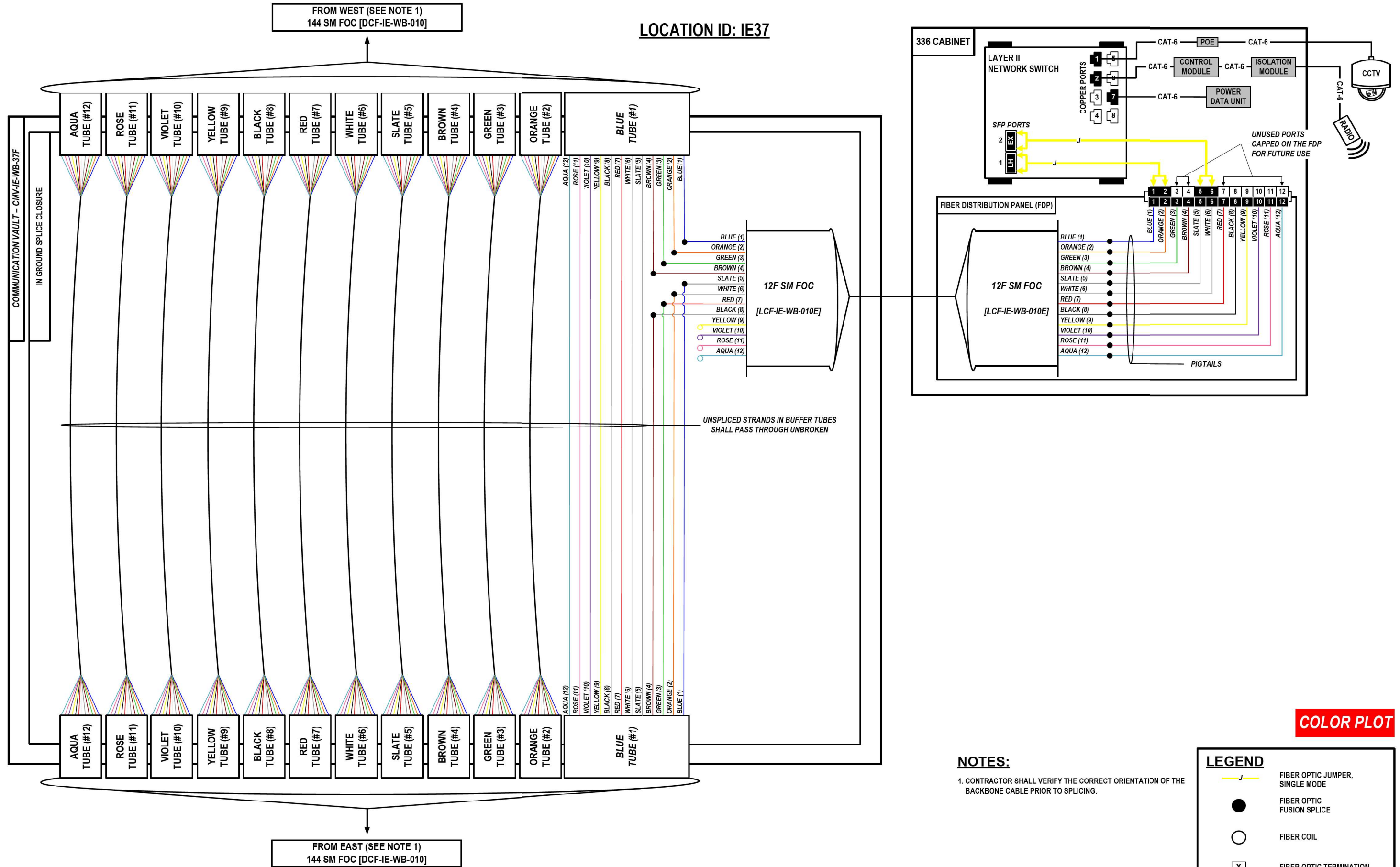


COLOR PLOT

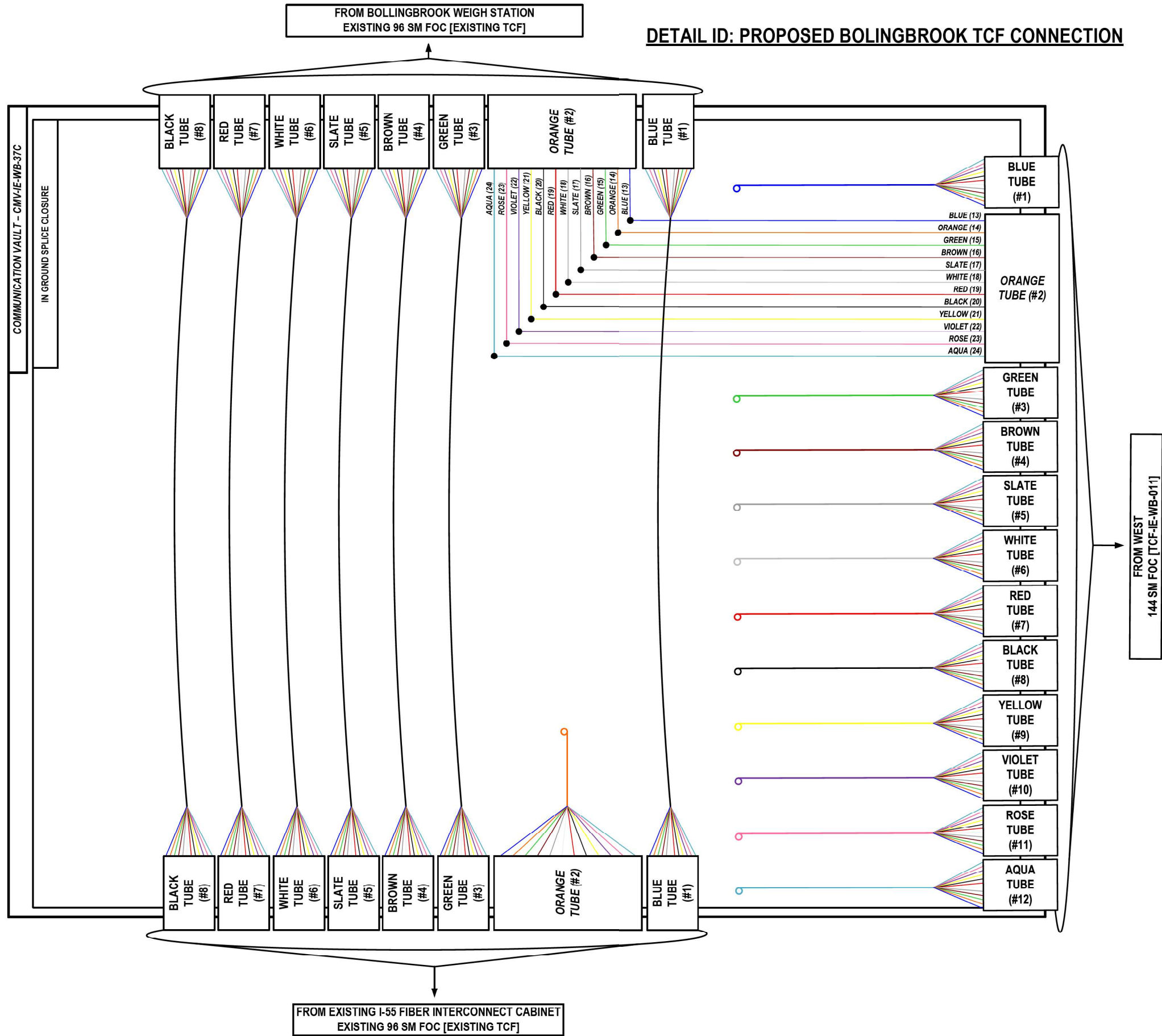
LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICED
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\32656\62R19-SHT-ITS-SPLICE-33.DGN



DETAIL ID: PROPOSED BOLINGBROOK TCF CONNECTION



COLOR PLOT

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSMITS\SYSTEMS\LOCAL\TRANSMITS\SYSTEMS\WB-01\DM532656\62R19-5HT-ITS-SPLICE-34.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME	= SALASL	DESIGNED -	JAM	REVISED -	
		DRAWN -	AJV	REVISED -	
PLOT SCALE	= 0.16666667" / IN.	CHECKED -	DJM	REVISED -	
PLOT DATE	= 11/12/2025	DATE -	11/12/2025	REVISED -	

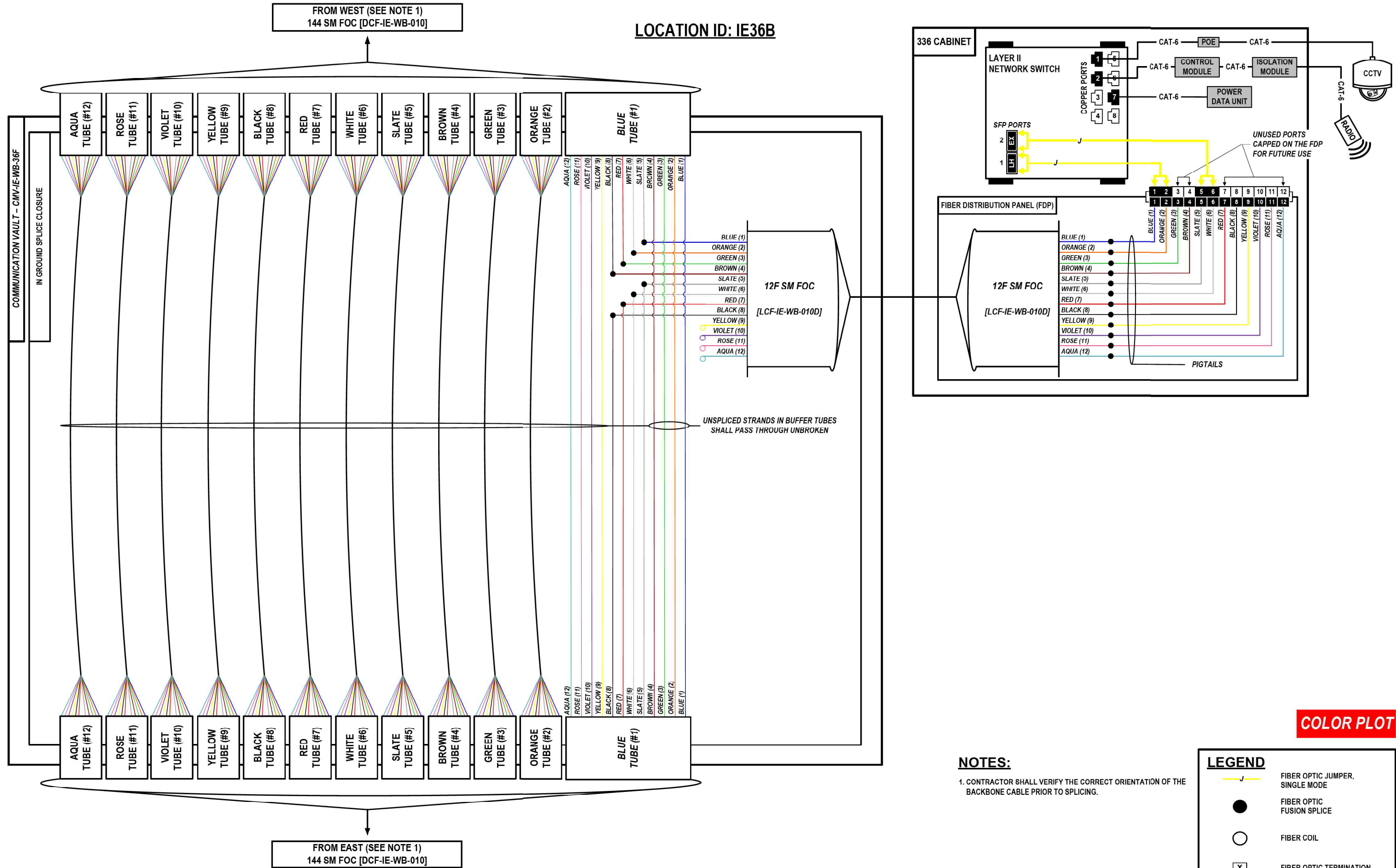
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
SPLICE DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	372
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

MODEL 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\LOCAL\IE-WB-010\IE-WB-010-SHT-ITS-SPLICE-35.DGN



NOTES:

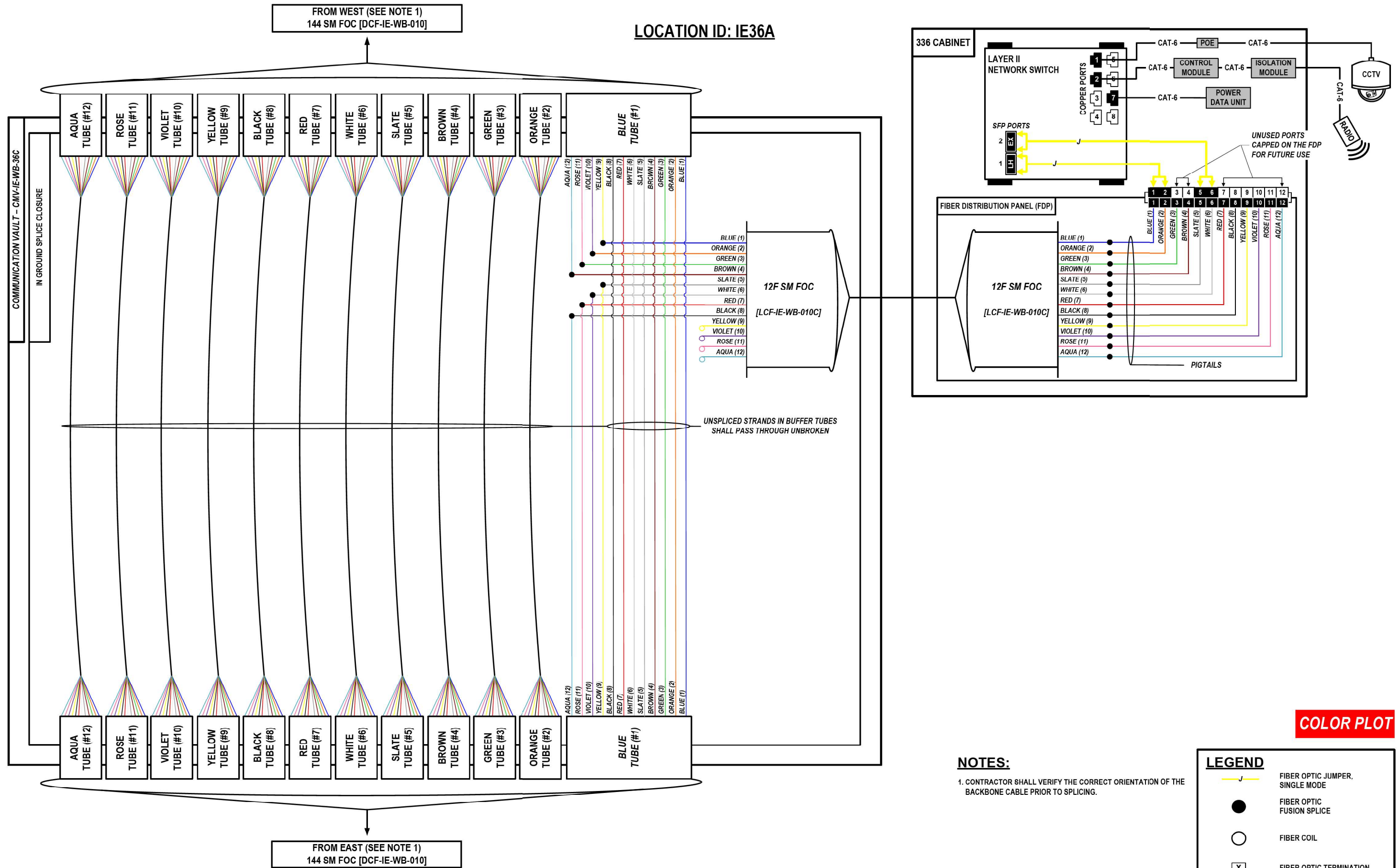
1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

COLOR PLOT

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\32656\62R19-SHT-ITS-SPLICE-36.DGN



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-RW\01\DWG\3265662619-SHT-ITS-SPICE-38.DGN



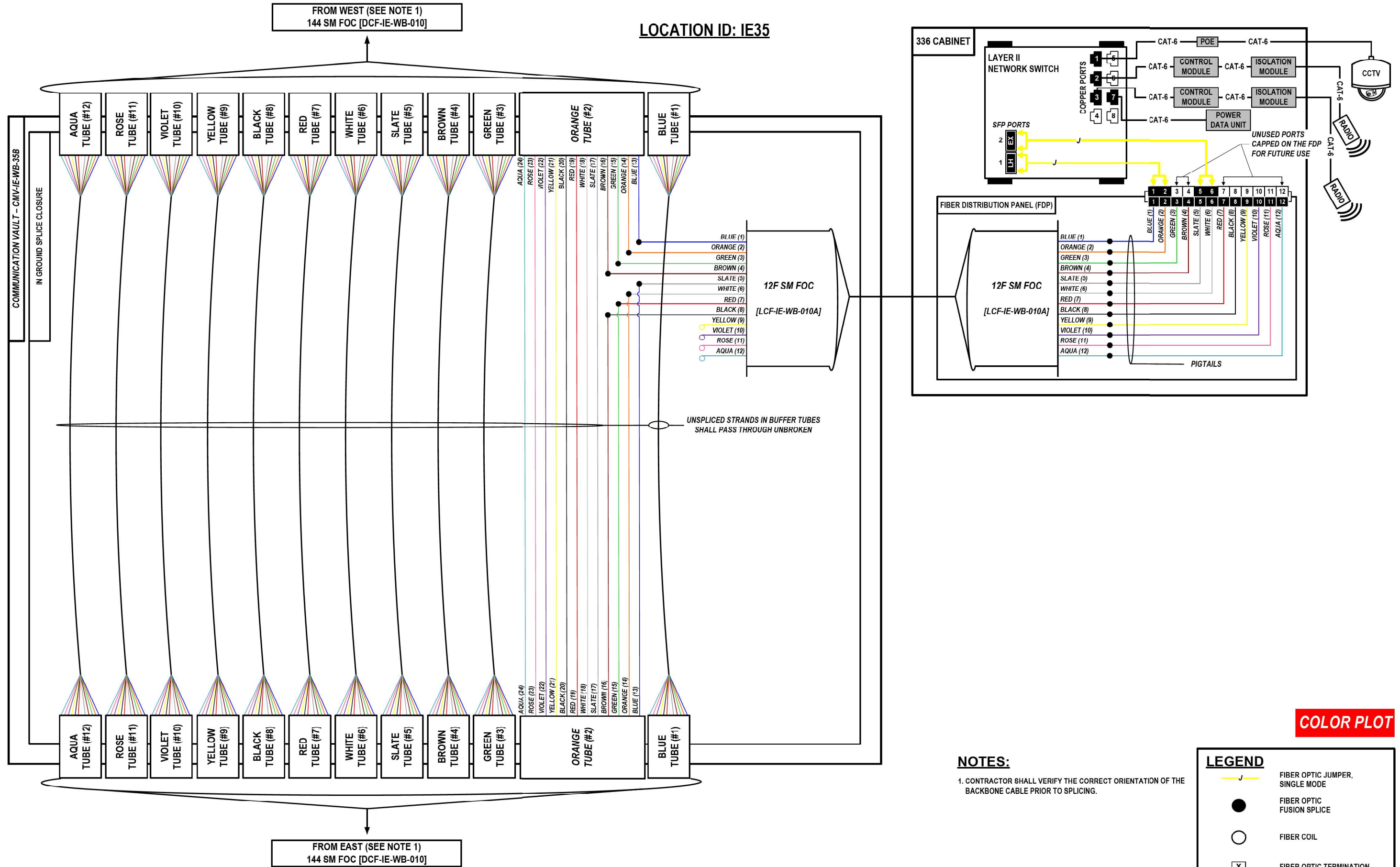
USER NAME = SALASL	DESIGNED - JAM
	DRAWN - AJW
PLOT SCALE = 0.16666667" / IN.	CHECKED - DJM
PLOT DATE = 11/12/2025	DATE - 11/12/2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
SPICE DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	376
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



COLOR PLOT

NOTES:
1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- Fiber optic jumper, single mode
- Fiber optic fusion splice
- Fiber coil
- Fiber optic termination

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\32656\62R19-SHT-ITS-SPICE-39.DGN



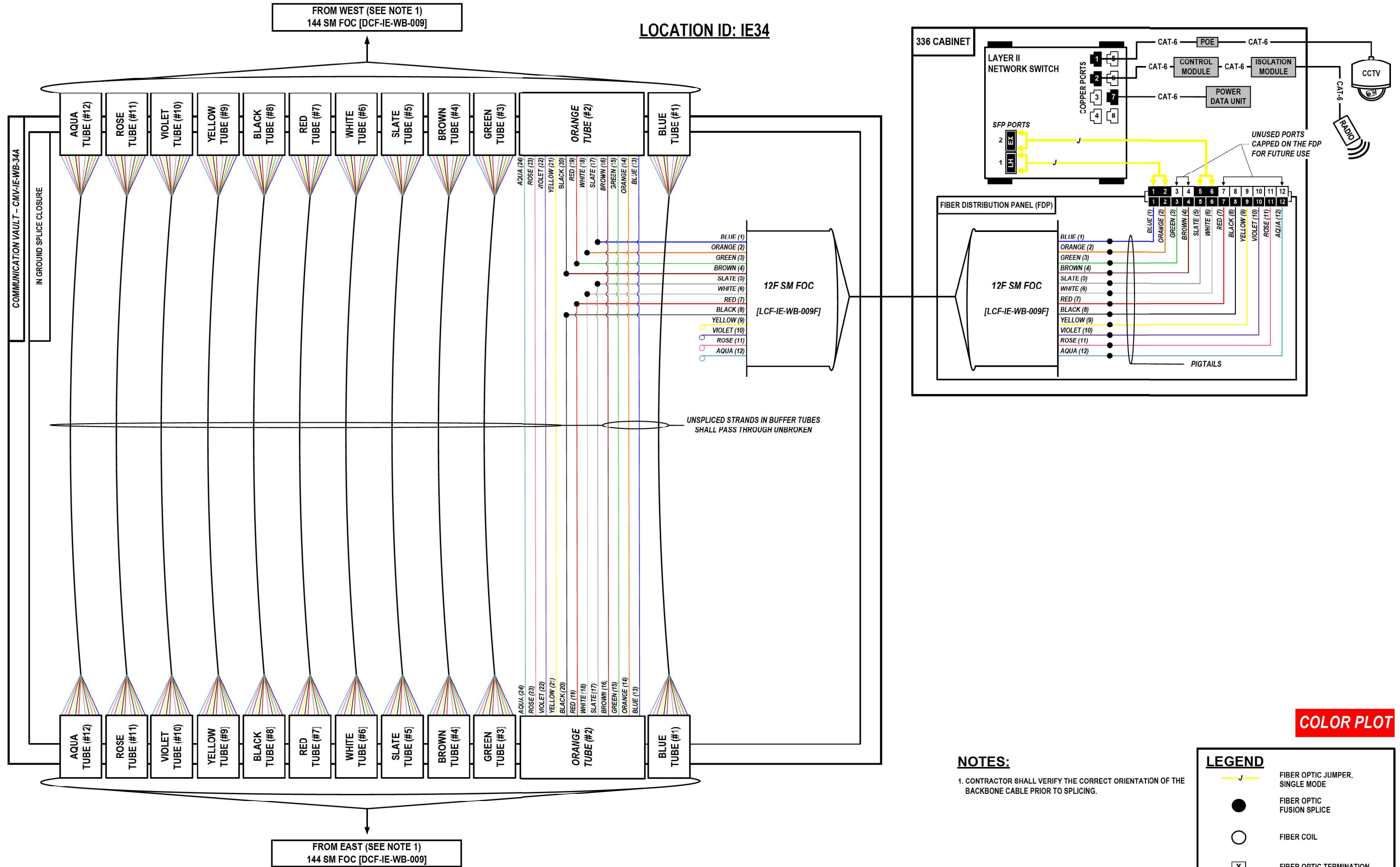
USER NAME = SALASL	DESIGNED - JAM
	DRAWN - AJW
PLOT SCALE = 0.16666667' / IN.	CHECKED - DJM
PLOT DATE = 11/12/2025	DATE - 11/12/2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

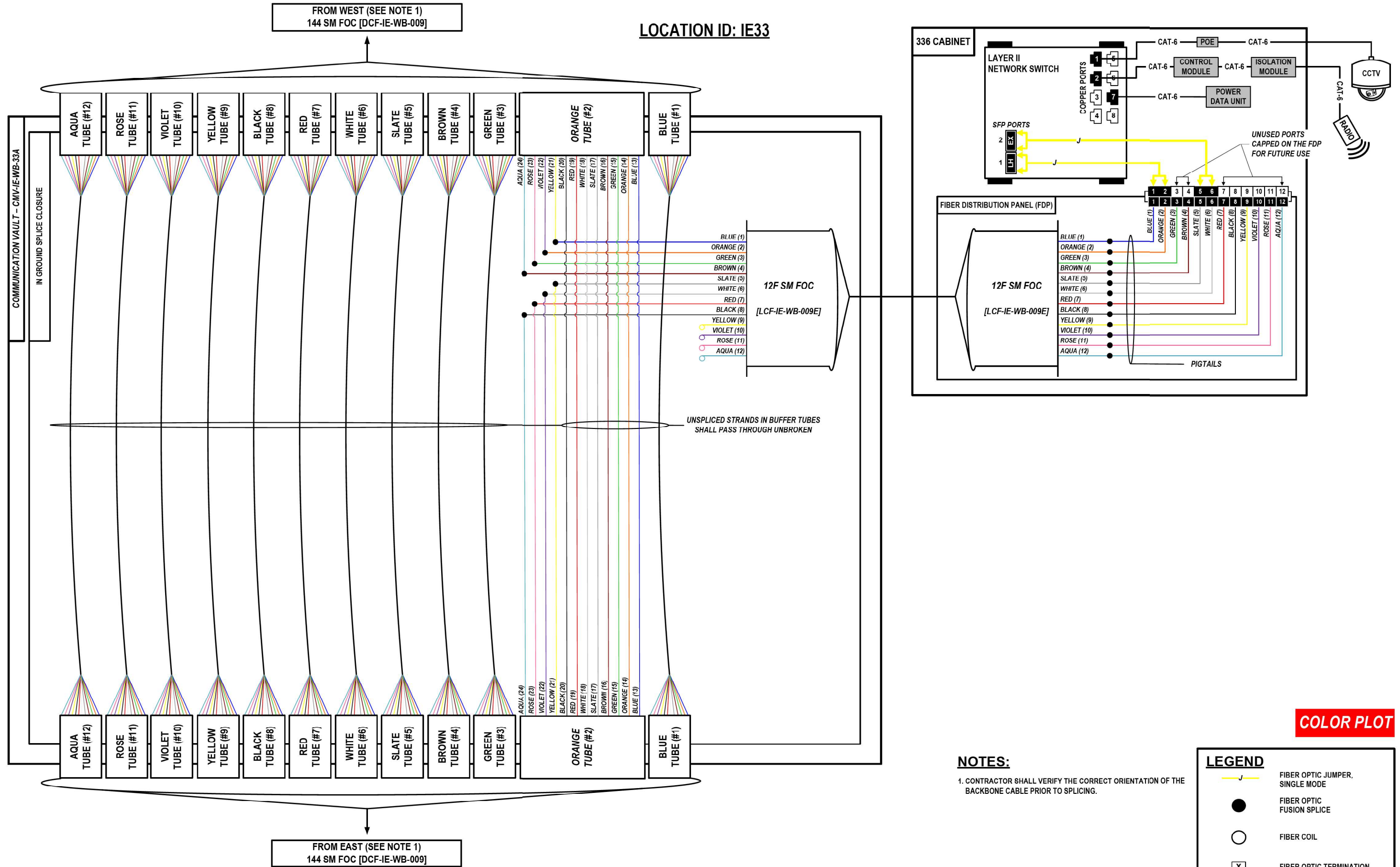
I-80
SPICE DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	377
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\32656\62R19-SHT-ITS-SPICE-40.DGN



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DM532656\62R19-SHT-ITS-SPLICE-41.DGN



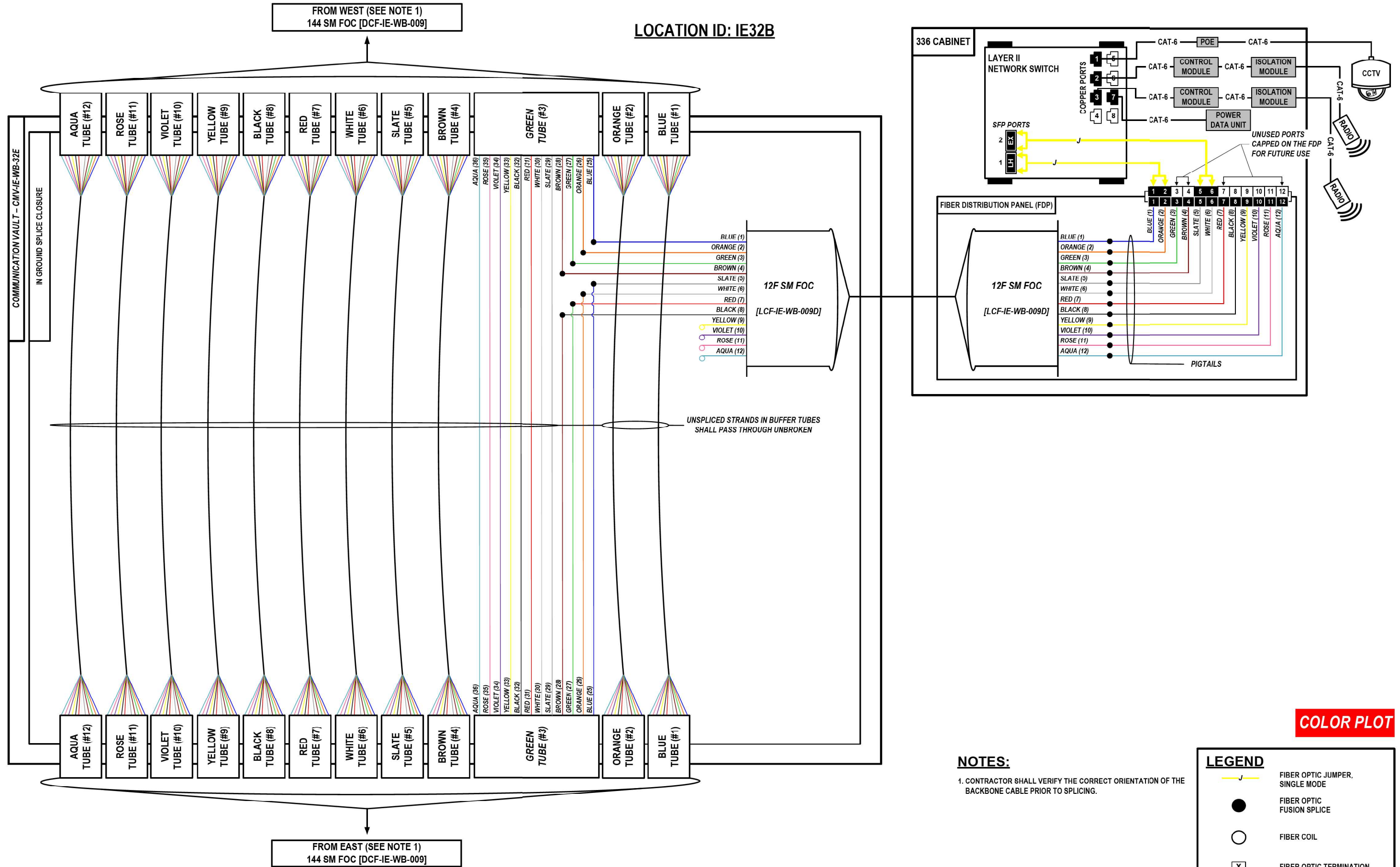
USER NAME	= SALASL	DESIGNED -	JAM	REVISED -	
DRAWN -	AJV	REVIS			
PLOT SCALE	= 0.16666667 " / IN.	CHECKED -	DJM	REVISED -	
PLOT DATE	= 11/12/2025	DATE -	11/12/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
SPlice DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	379
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\3265662619-SHT-ITS-SPICE-42.DGN



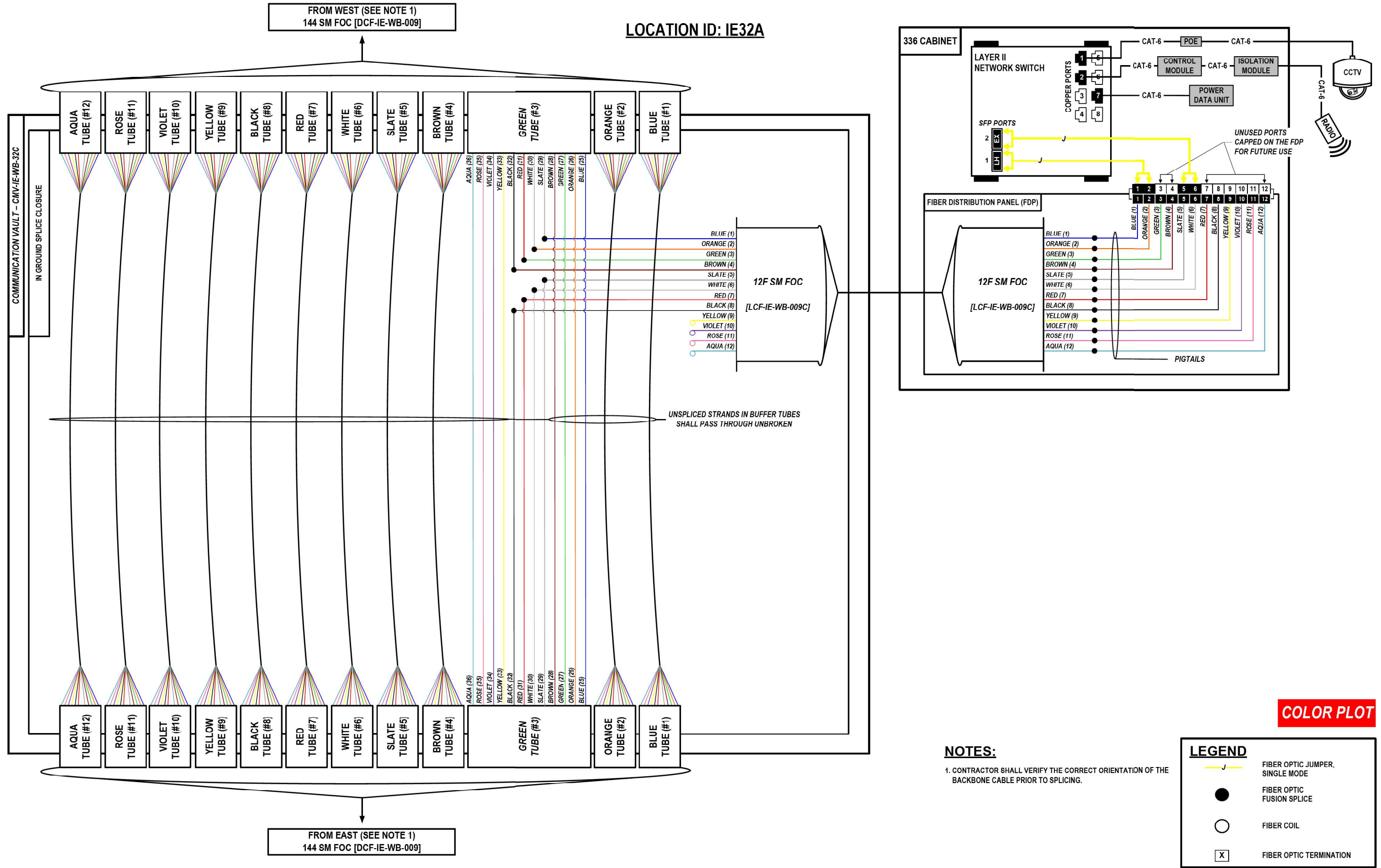
USER NAME = SALASL	DESIGNED - JAM
	DRAWN - AJW
PLOT SCALE = 0.16666667" / IN.	CHECKED - DJM
PLOT DATE = 11/12/2025	DATE - 11/12/2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

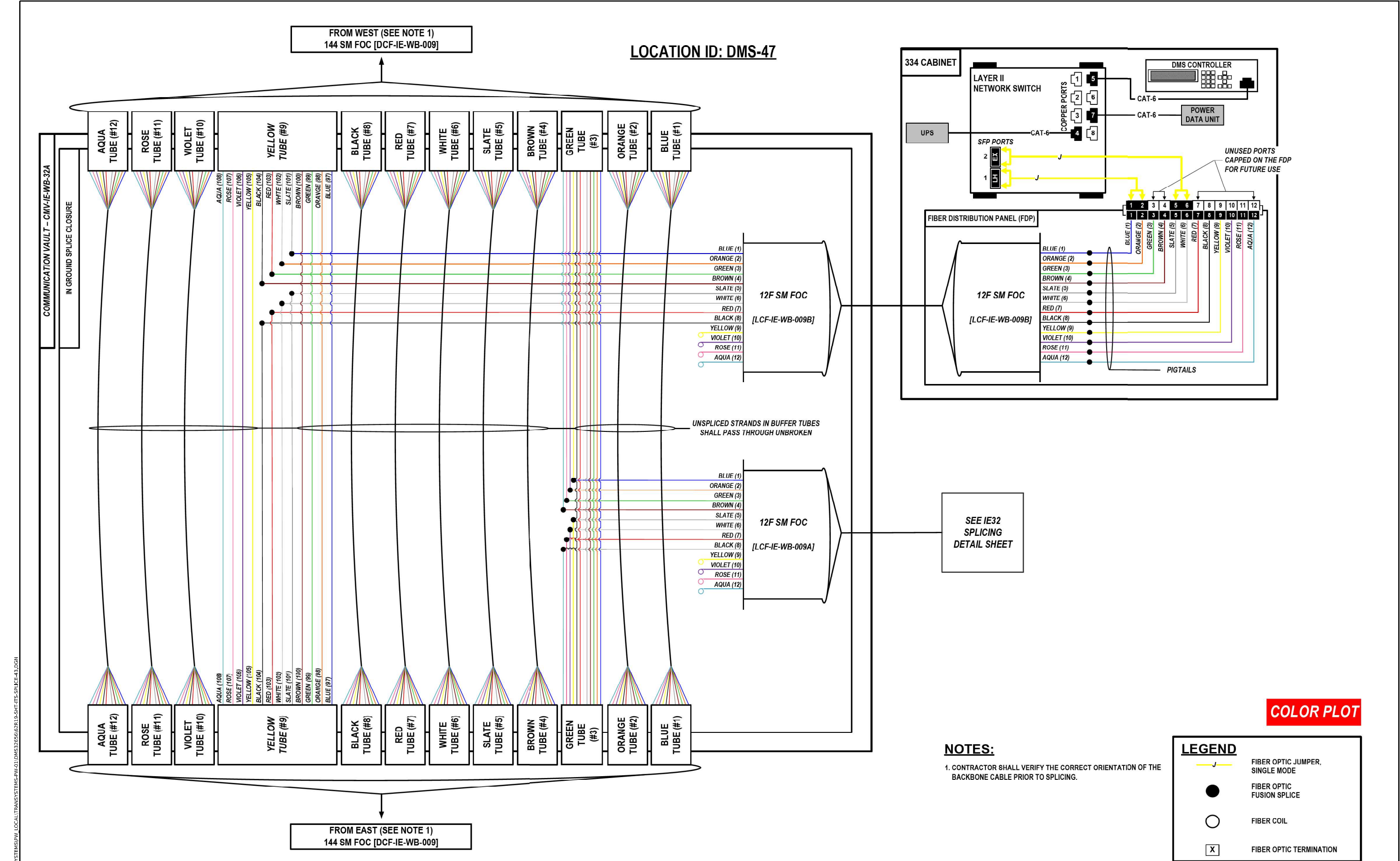
I-80
SPICE DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	380
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS\PIV\LOCAL\IDMS32\656\62R19-SHT-ITS-SPICE-43.DGN



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\01\DWG\32656\62R19-SHT-ITS-SPICE-45.DGN



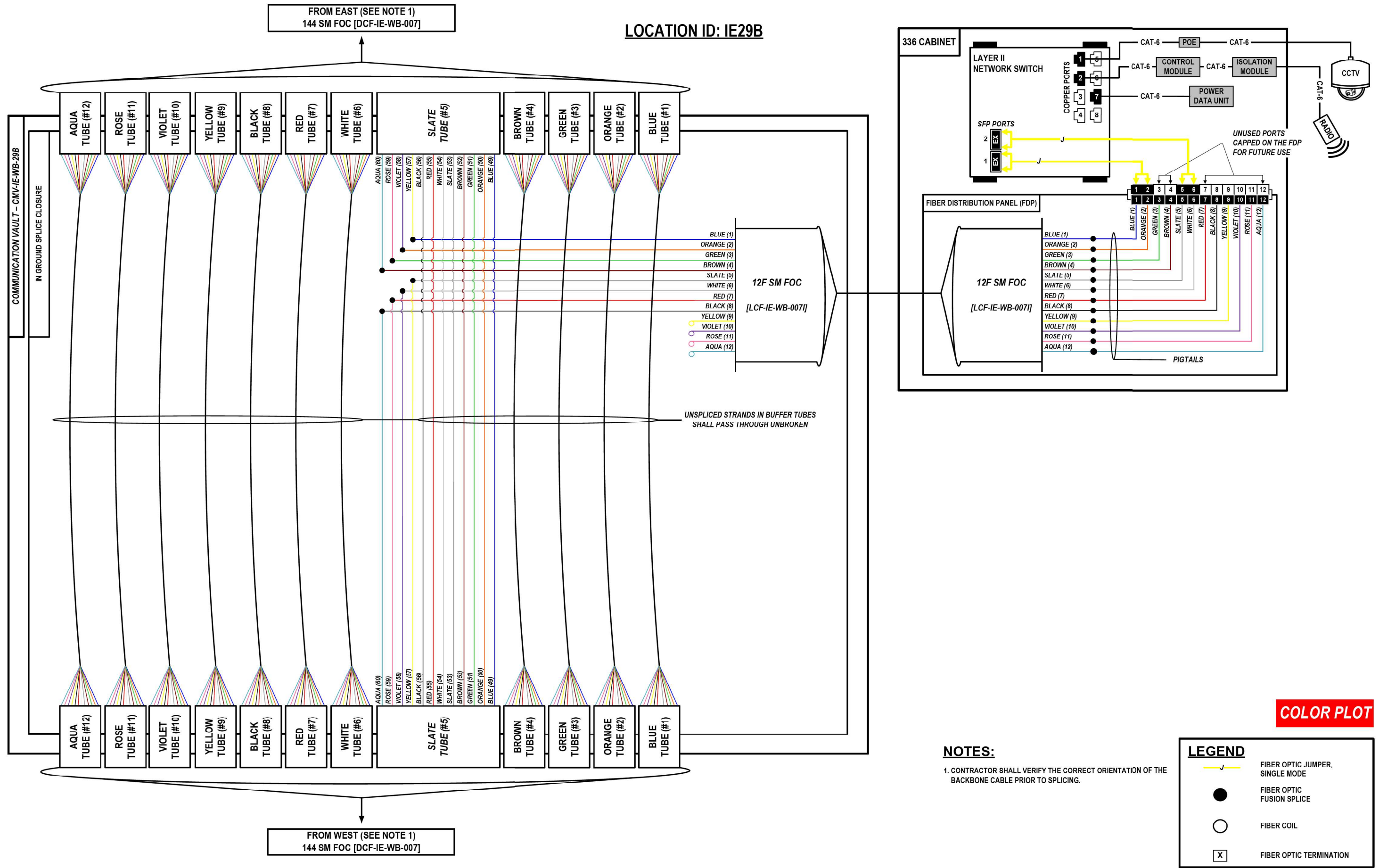
USER NAME = SALASL	DESIGNED - JAM
	DRAWN - AJW
PLOT SCALE = 0.16666667" / IN.	CHECKED - DJM
PLOT DATE = 11/12/2025	DATE - 11/12/2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

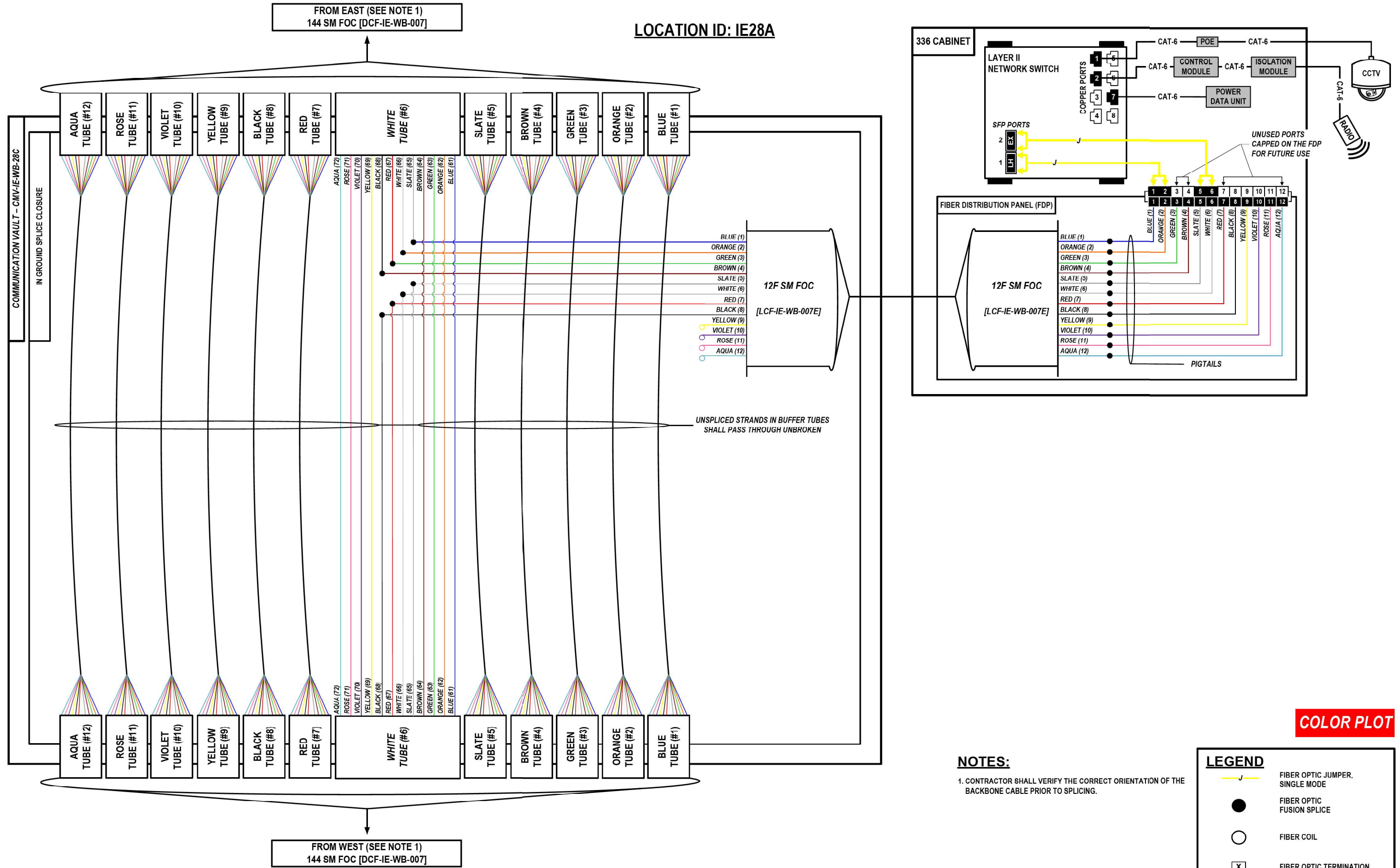
I-80
SPICE DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

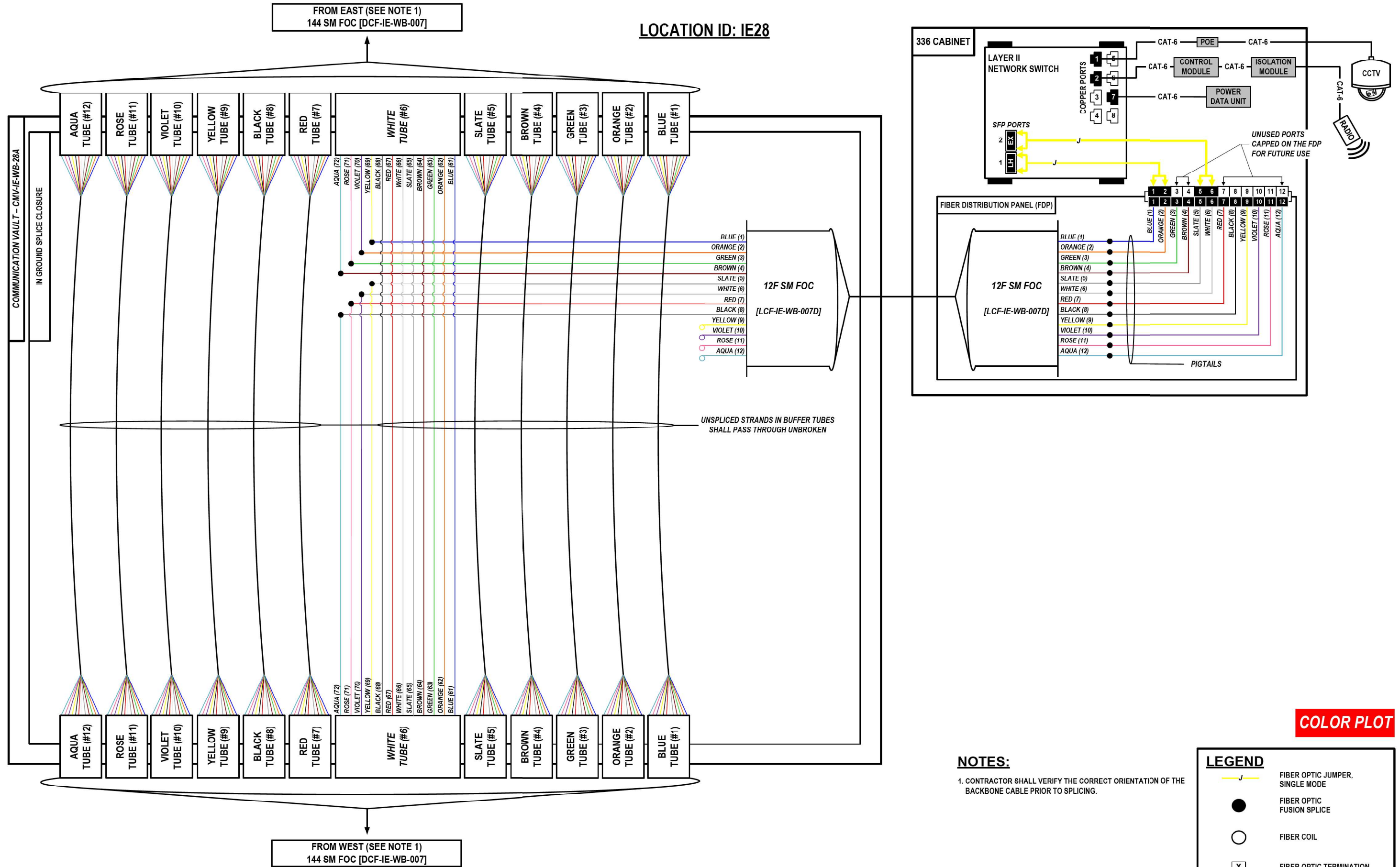
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	383
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\32656\62R19-SHT-ITS-SPICE-48.DGN



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\62R19-SHT-ITS-SPLICE-49.DGN



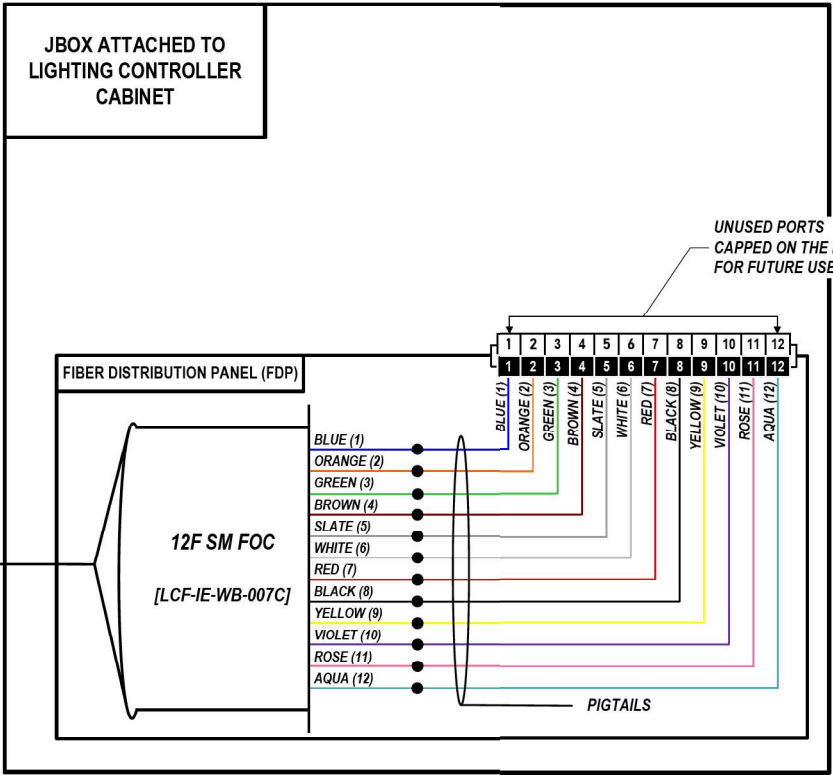
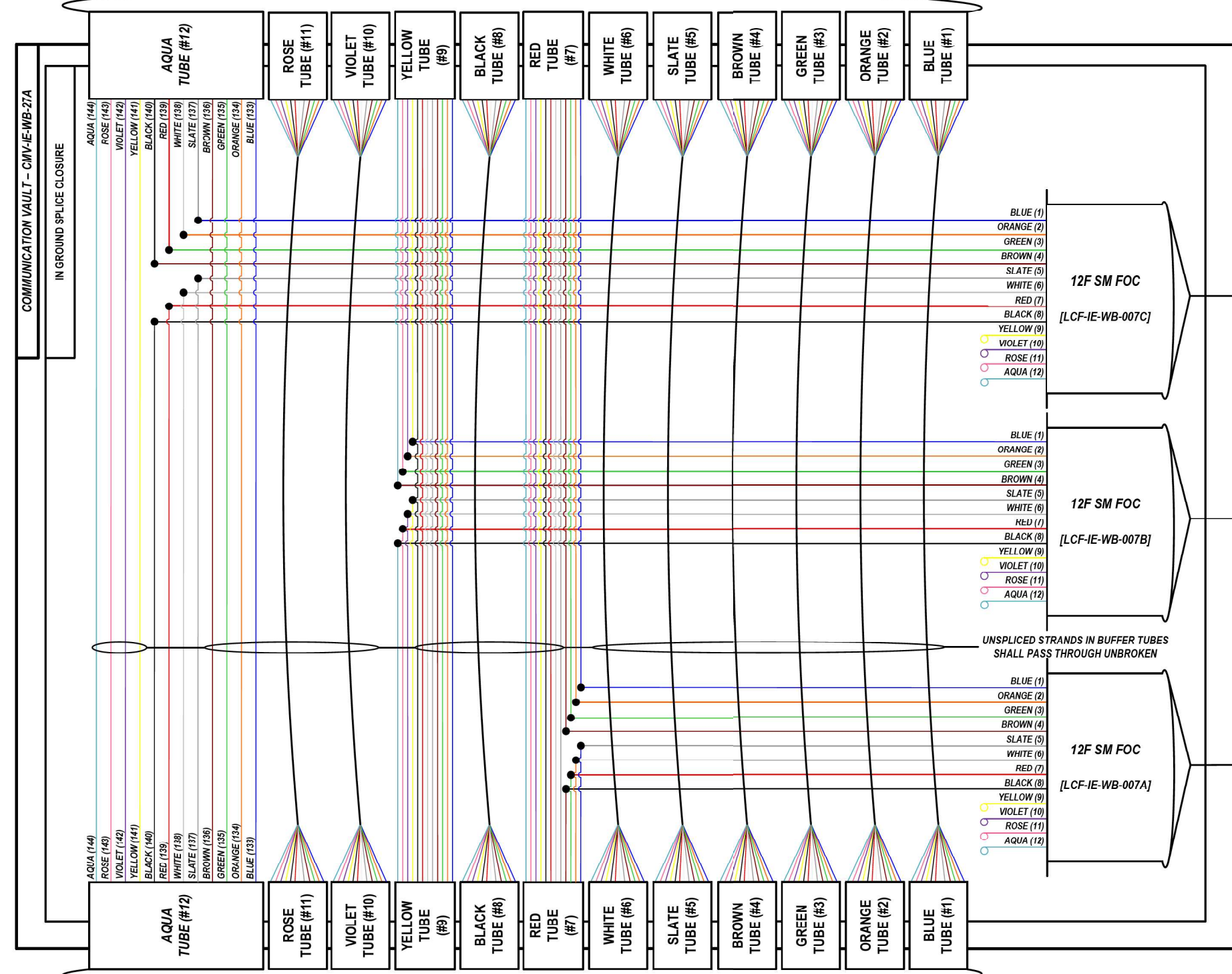
LOCATION ID: LC 'O' L0729 (CHERRY HILL RD.)

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]

COMMUNICATION VAULT - CIV-IE-WB-27A

IN GROUND SPLICE CLOSURE



SEE DMS-47
SPLICING
DETAIL SHEET

SEE IE27
SPLICING
DETAIL SHEET

UNSPliced STRANDS IN BUFFER TUBES
SHALL PASS THROUGH UNBROKEN

COLOR PLOT

NOTES:
1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE
BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLIC
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSMISSIONS\LOCAL\TRANSMISSIONS\RAW\01\DWG\21656\62R19-SHT-ITS-SPLICE-50.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

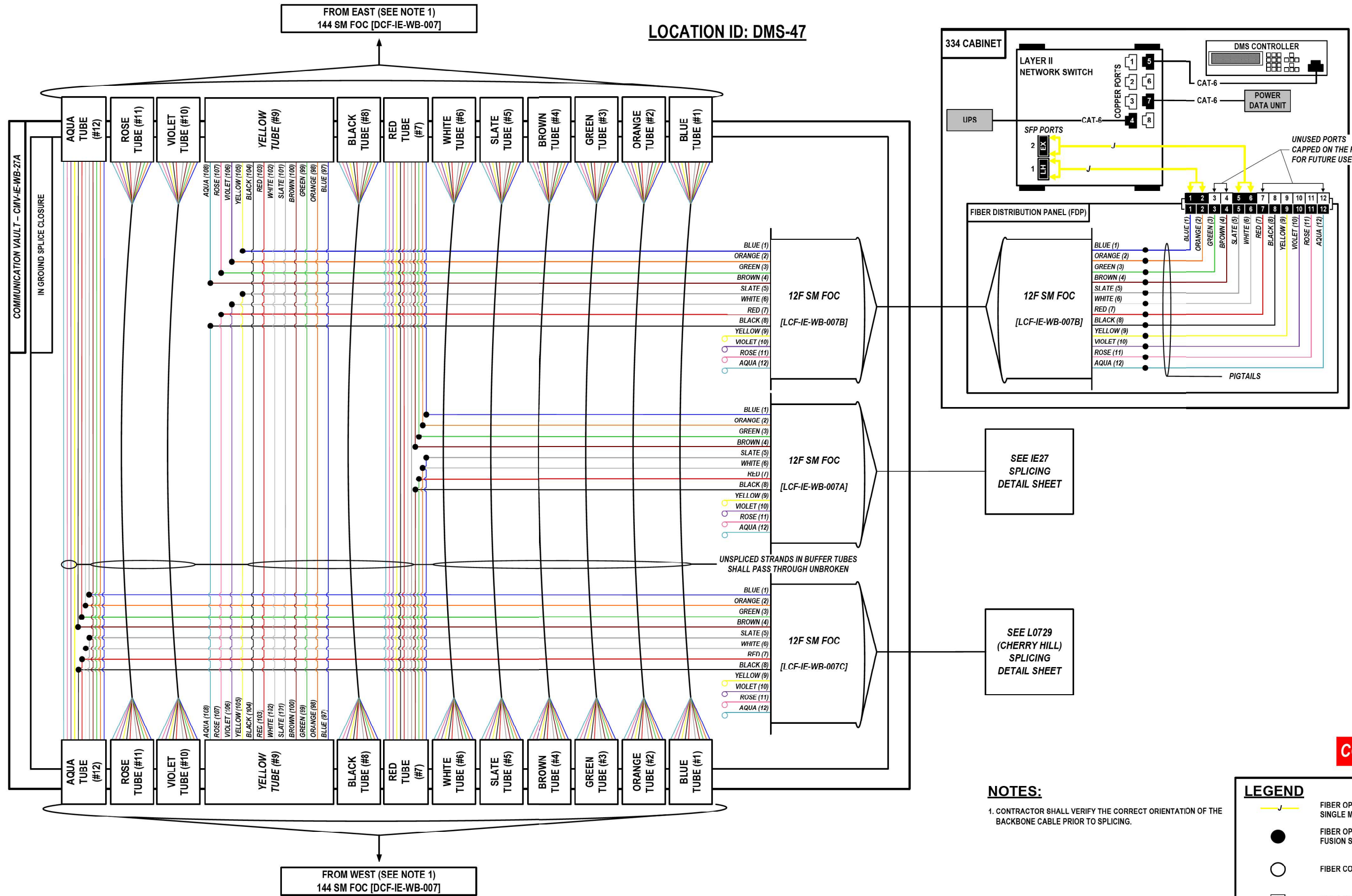
USER NAME = SALASL	DESIGNED - JAM	REVISED -
	DRAWN - AJW	REVISED -
PLOT SCALE = 0.16666667" / IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

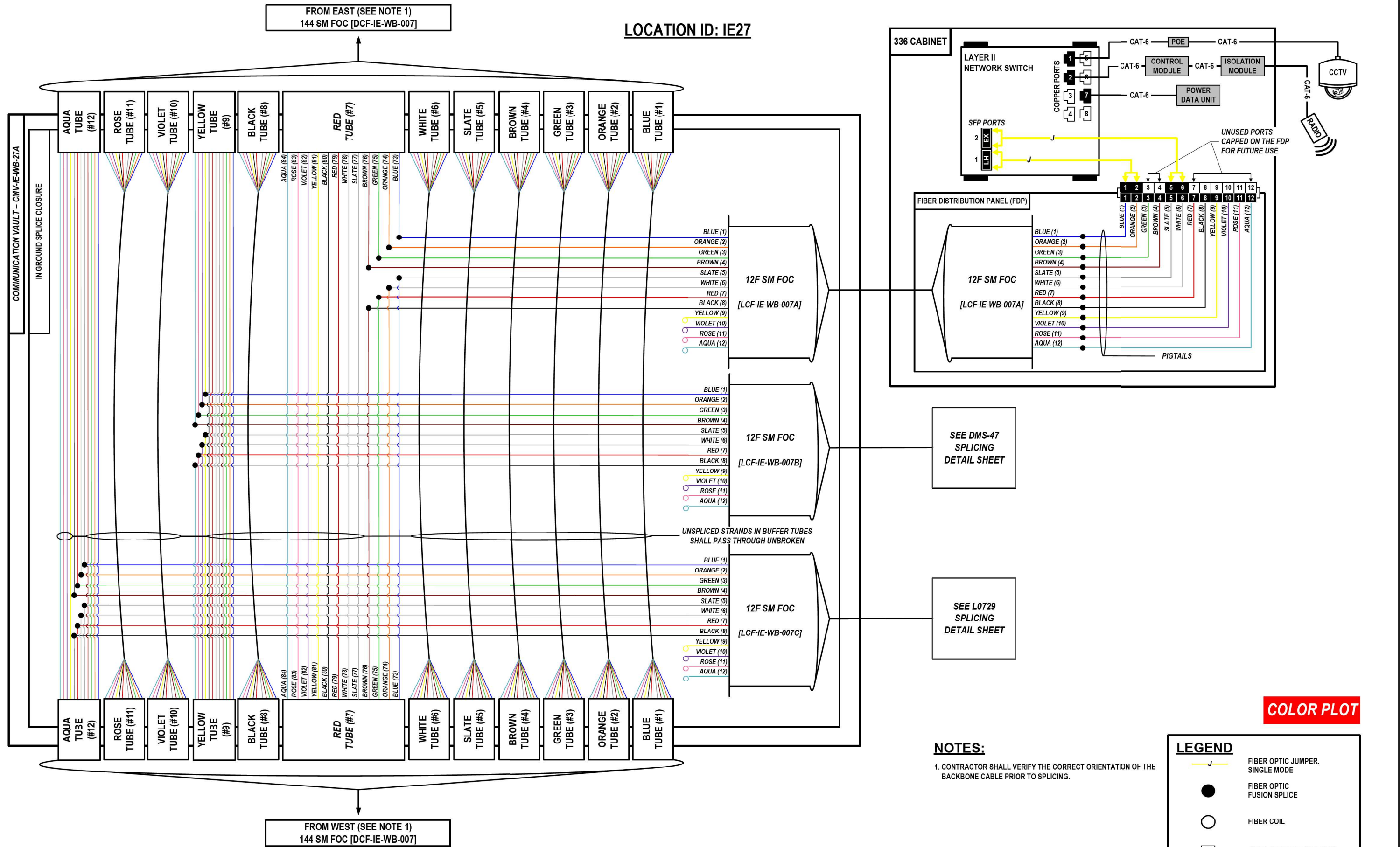
I-80 SPLICE DETAILS			
SCALE: N.T.S.	SHEET	OF	SHEETS
TO STA.		TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	388
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

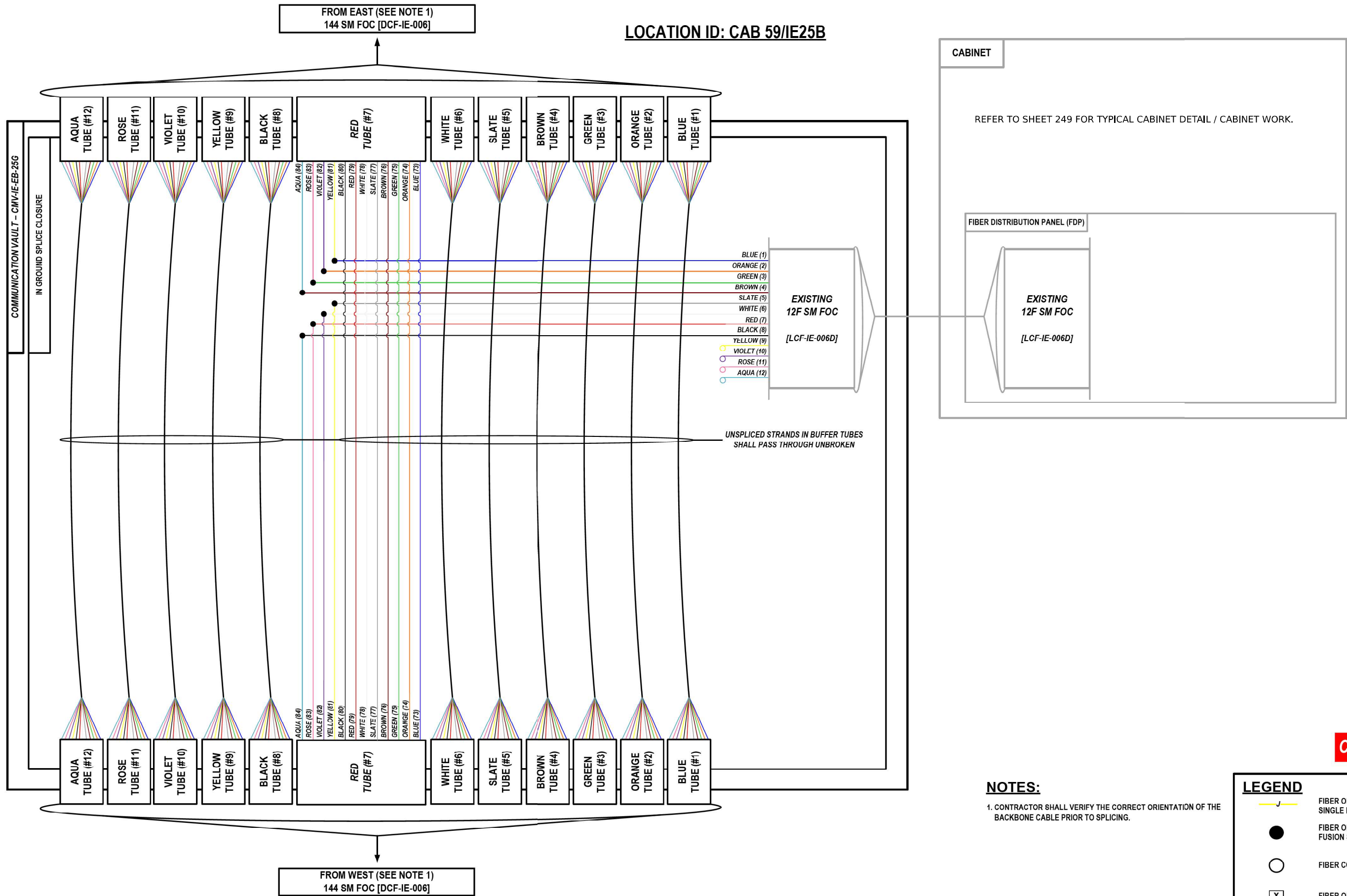
MODEL: 2D SHEET 14
FILE NAME: C:\TRAFFIC\SYSTEMS\PIV\LOCAL\TRANS\SYSTEMS-RW\01\DMS32\626\626R19-SHT-ITS-SPLICE-51.DGN



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSMEDIA\LOCAL\TRANSMEDIA\LOCAL\TRANS\SYSTEMS-RW\01\DM532656\62R19-SHT-ITS-SPICE-52.DGN



MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DM532656\62R19-SHT-ITS-SPICE-54.DGN



NOTES:

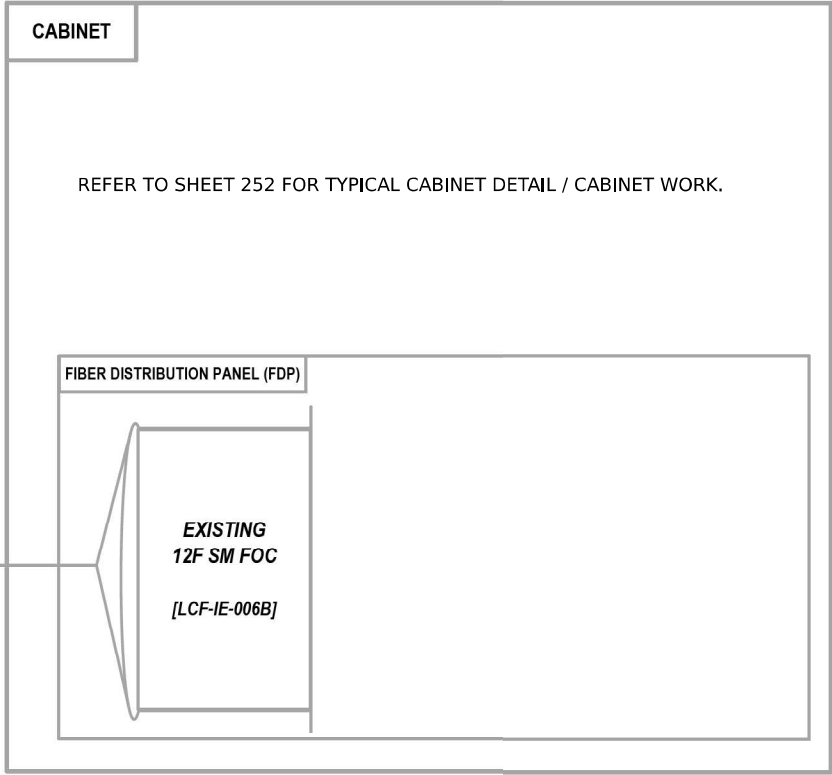
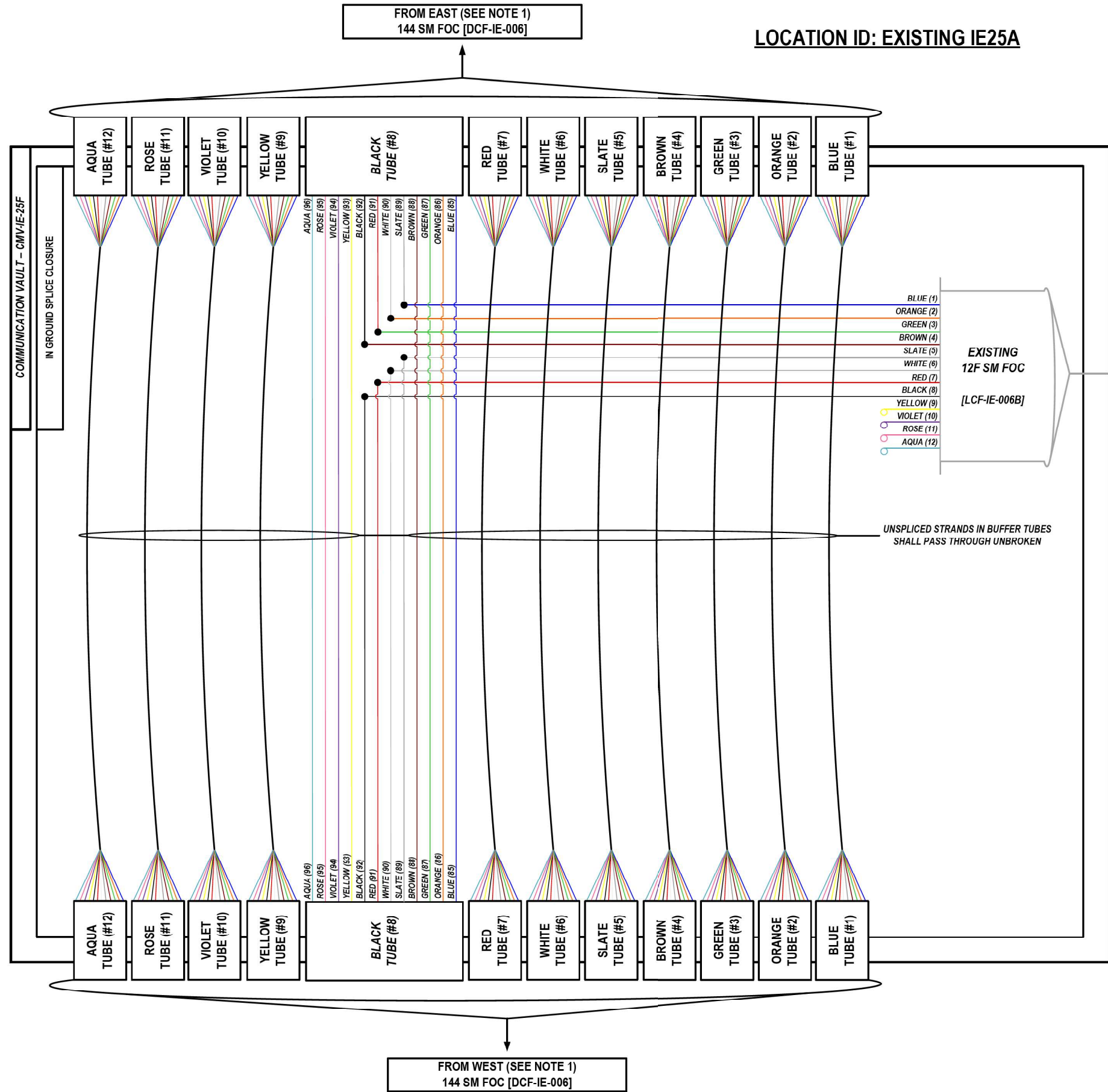
1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICED
- FIBER COIL
- FIBER OPTIC TERMINATION

COLOR PLOT

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DM532656\62R19-SHT-ITS-SPICE-55.DGN



NOTES:

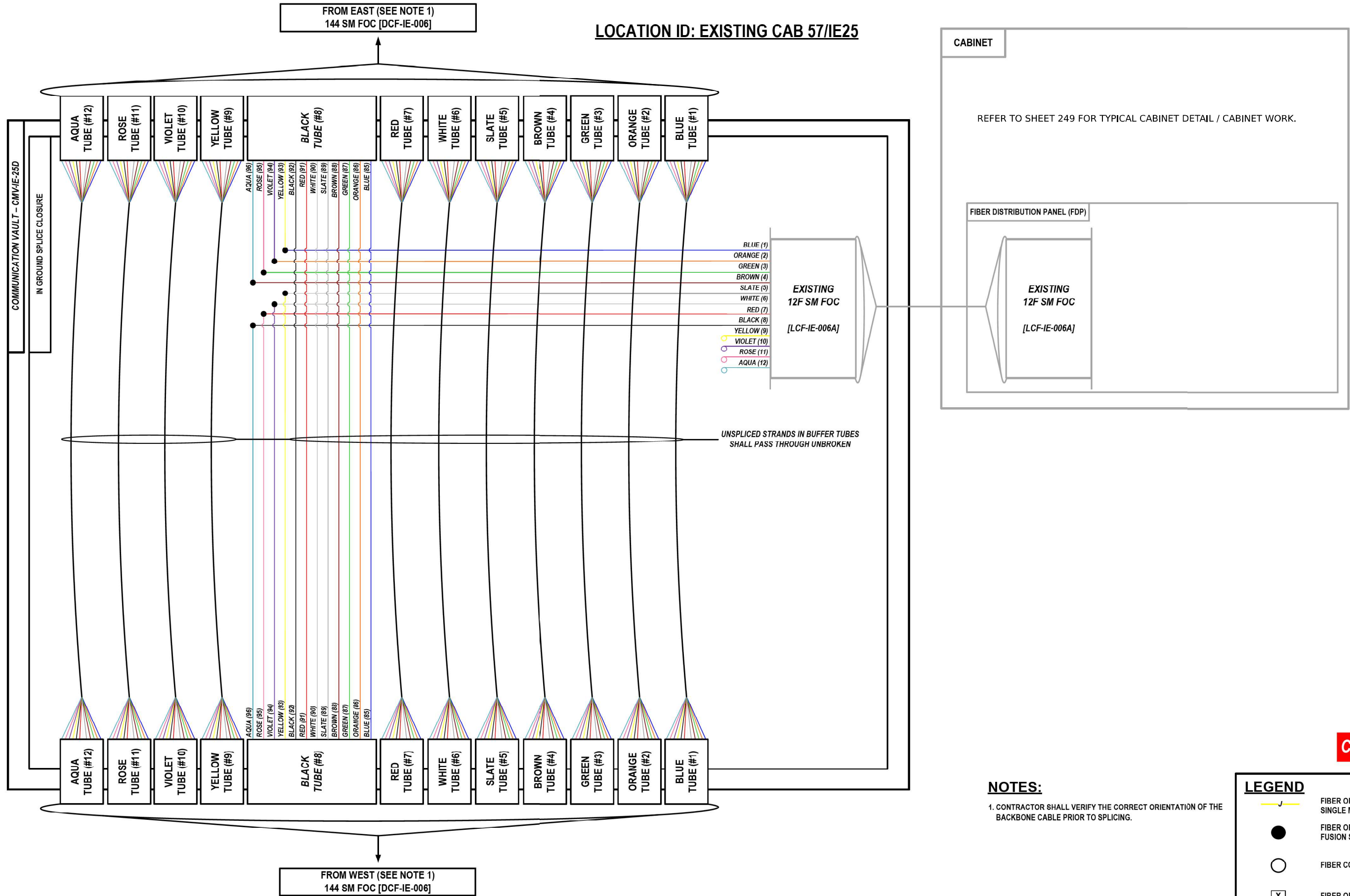
1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPlicing.

LEGEND

- J — FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPlice
- FIBER COIL
- ⊠ FIBER OPTIC TERMINATION

COLOR PLOT

MODEL 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\62R19-SHT-ITS-SPICE-56.DGN



NOTES:

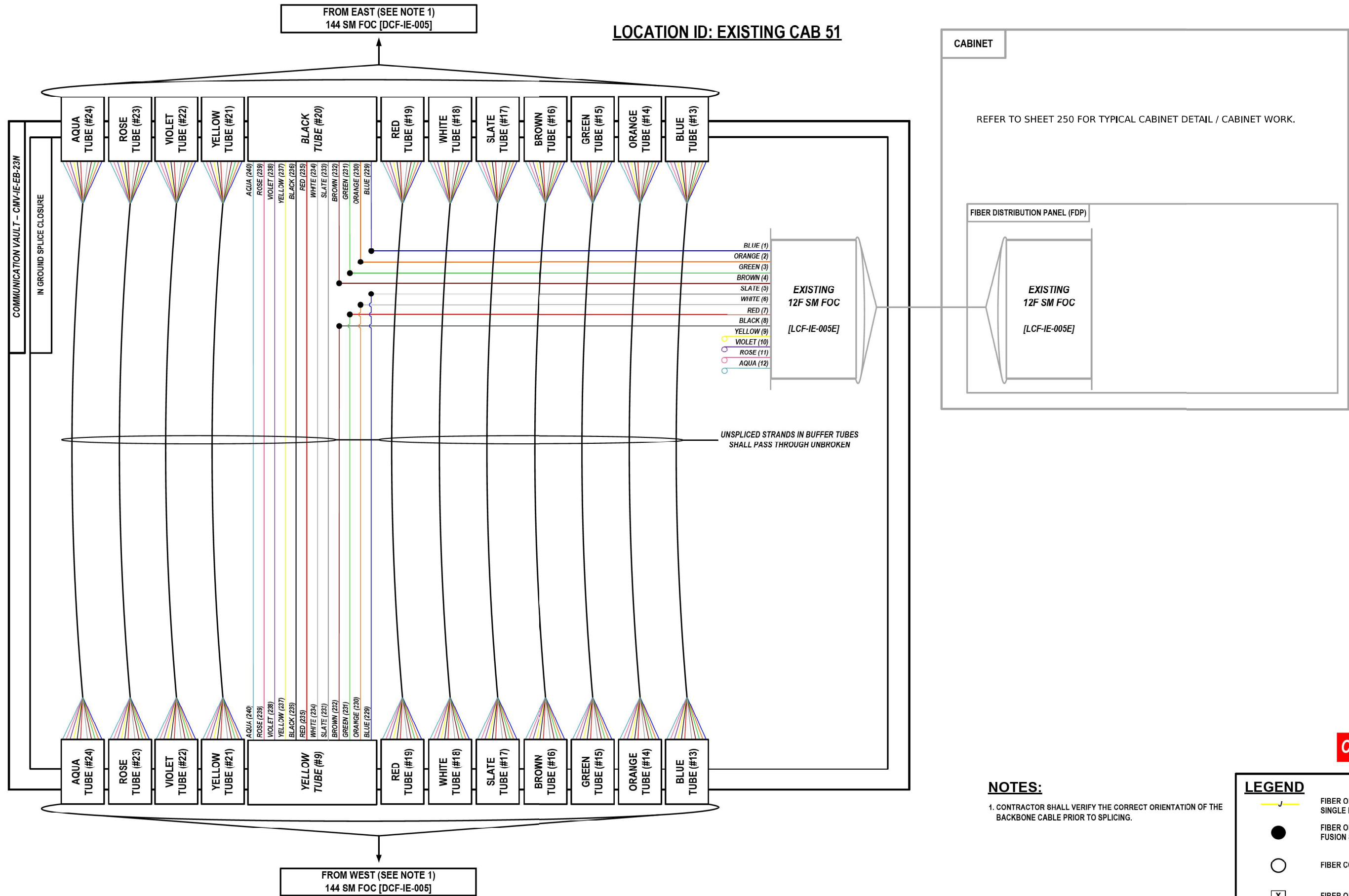
1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

COLOR PLOT

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\32\62R19-SHT-ITS-SPICE-60.DGN



NOTES:

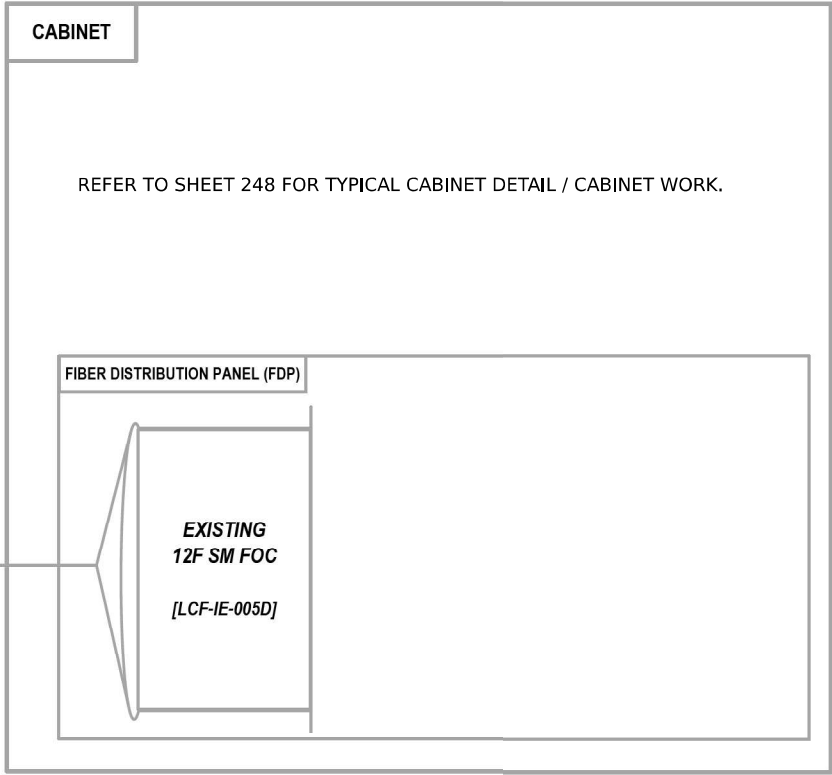
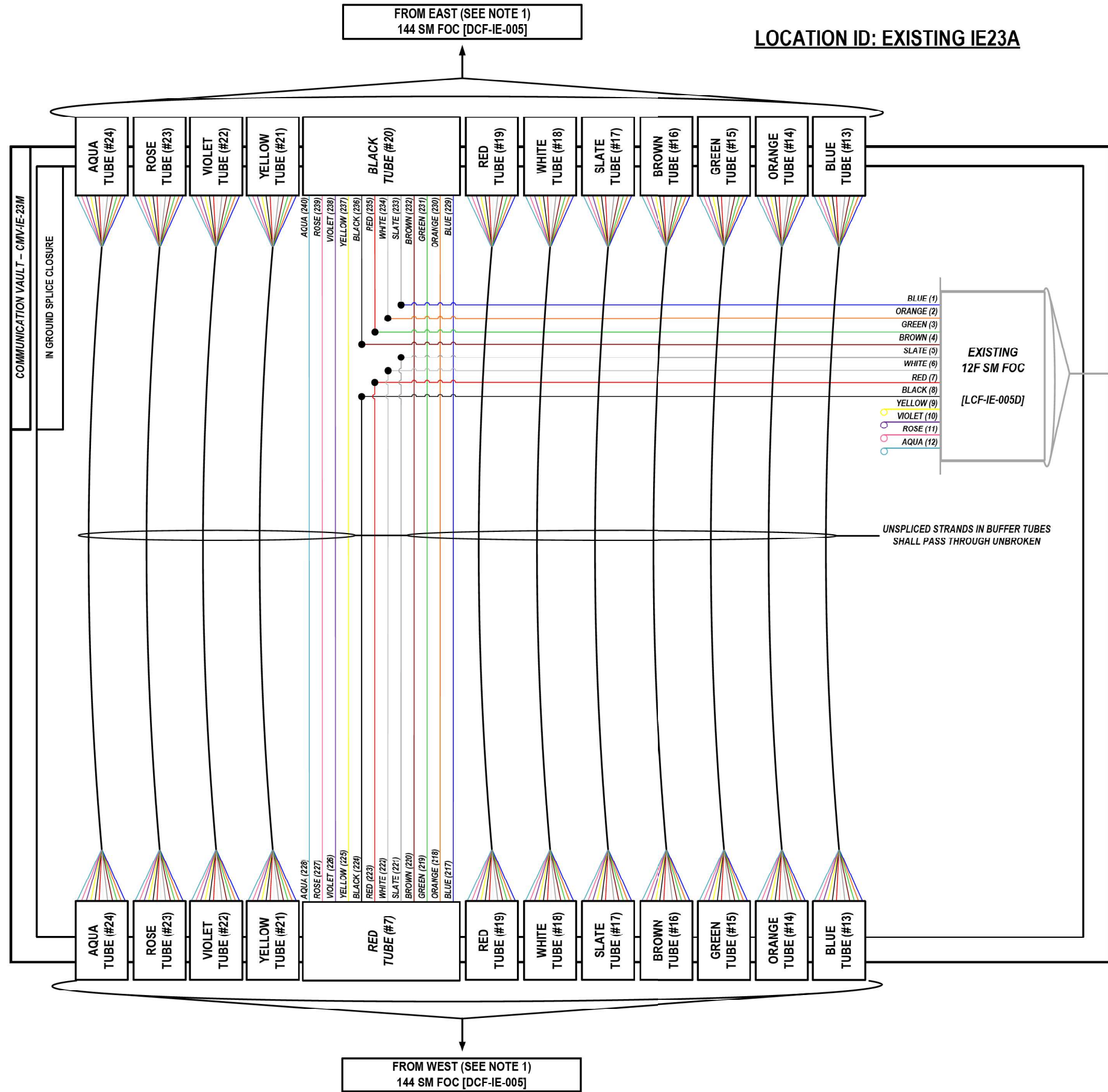
1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLIC
- FIBER COIL
- FIBER OPTIC TERMINATION

COLOR PLOT

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\32656\62R19-SHT-ITS-SPICE-61.DGN



NOTES:

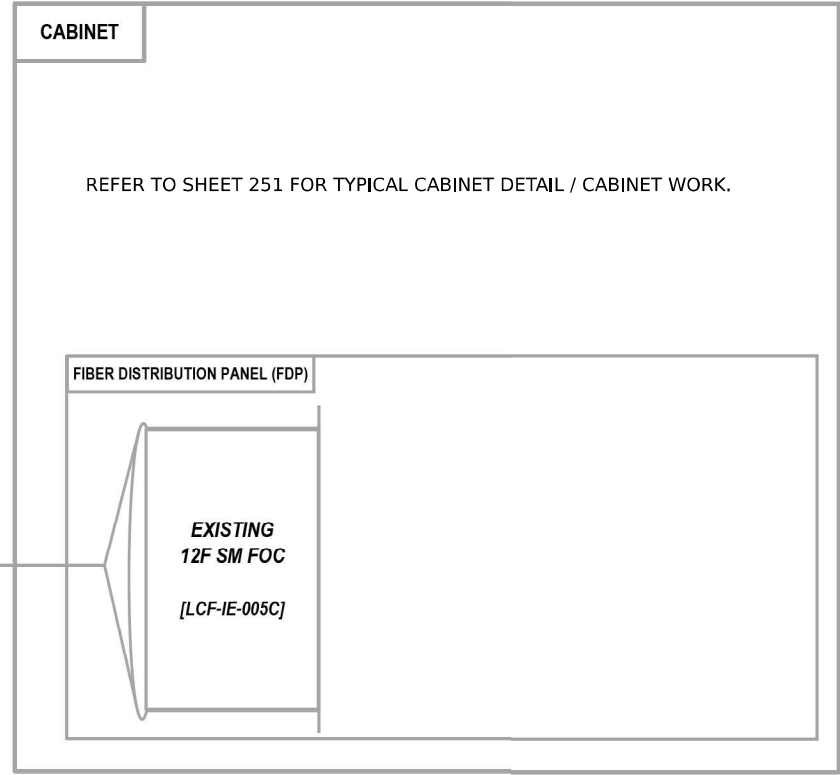
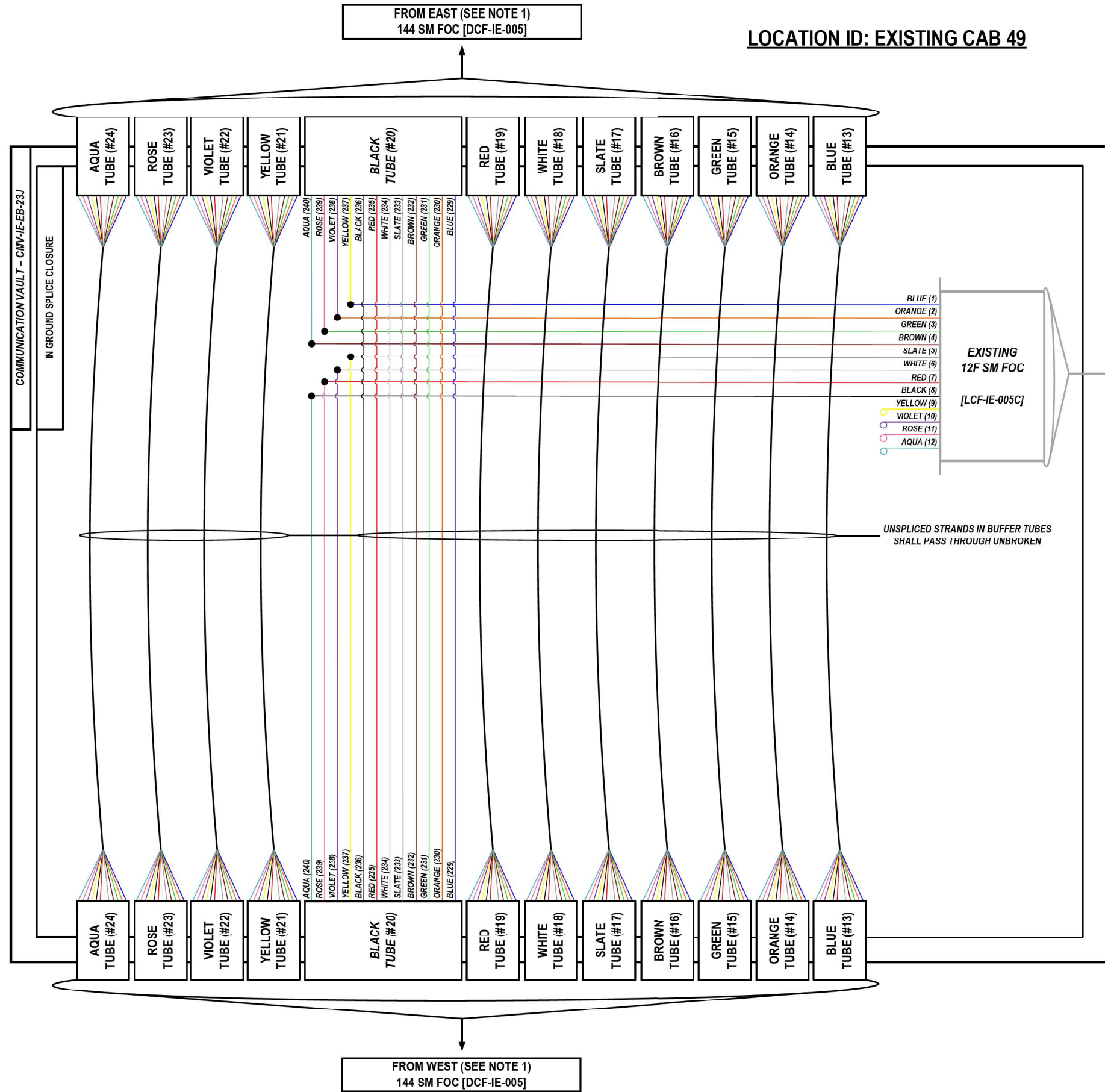
1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLIC
- FIBER COIL
- FIBER OPTIC TERMINATION

COLOR PLOT

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS-PIV\401\DWG\32\65\62R19-SHT-ITS-SPICE-42.DGN



NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICED
- FIBER COIL
- FIBER OPTIC TERMINATION

COLOR PLOT