

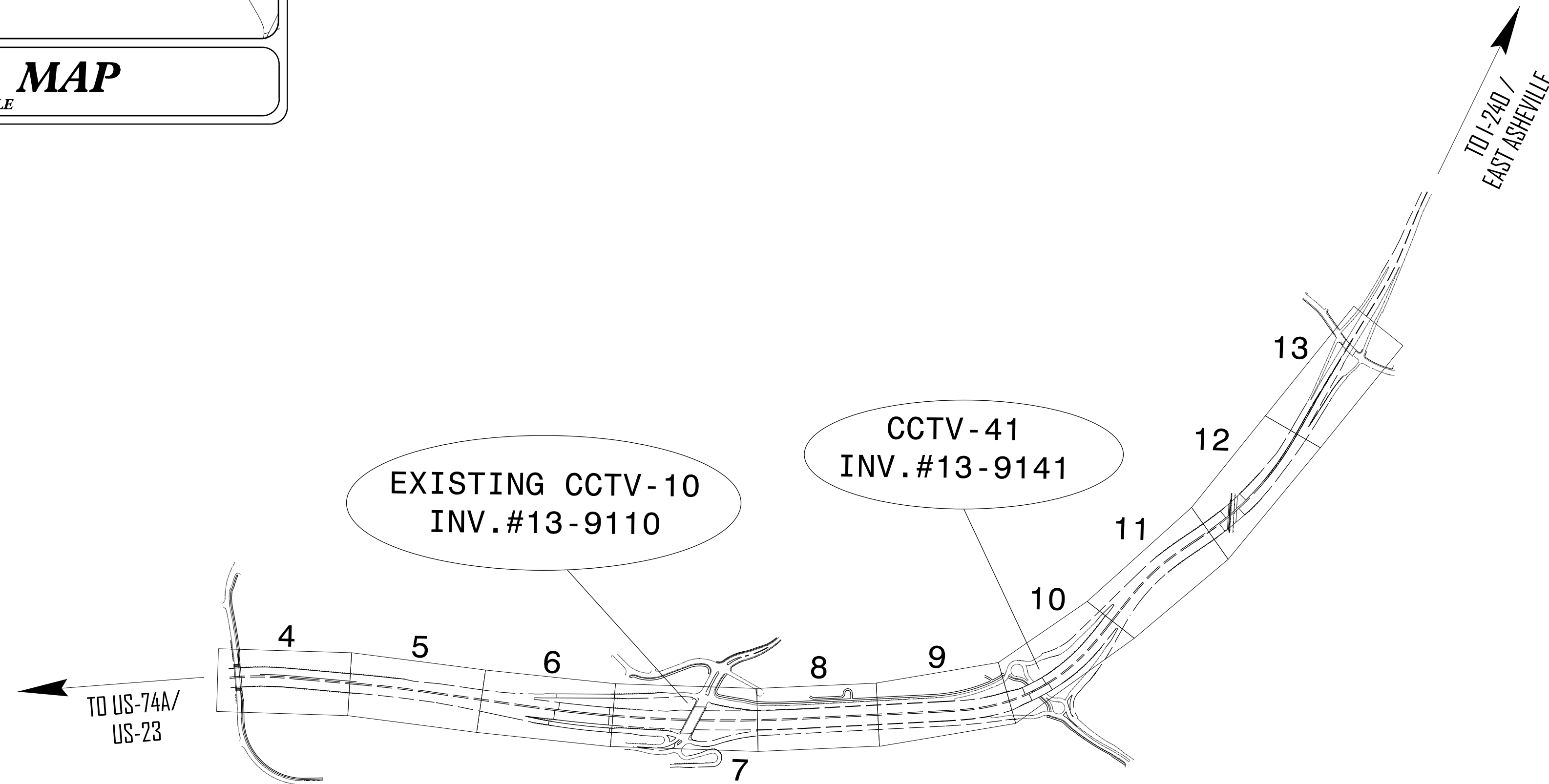
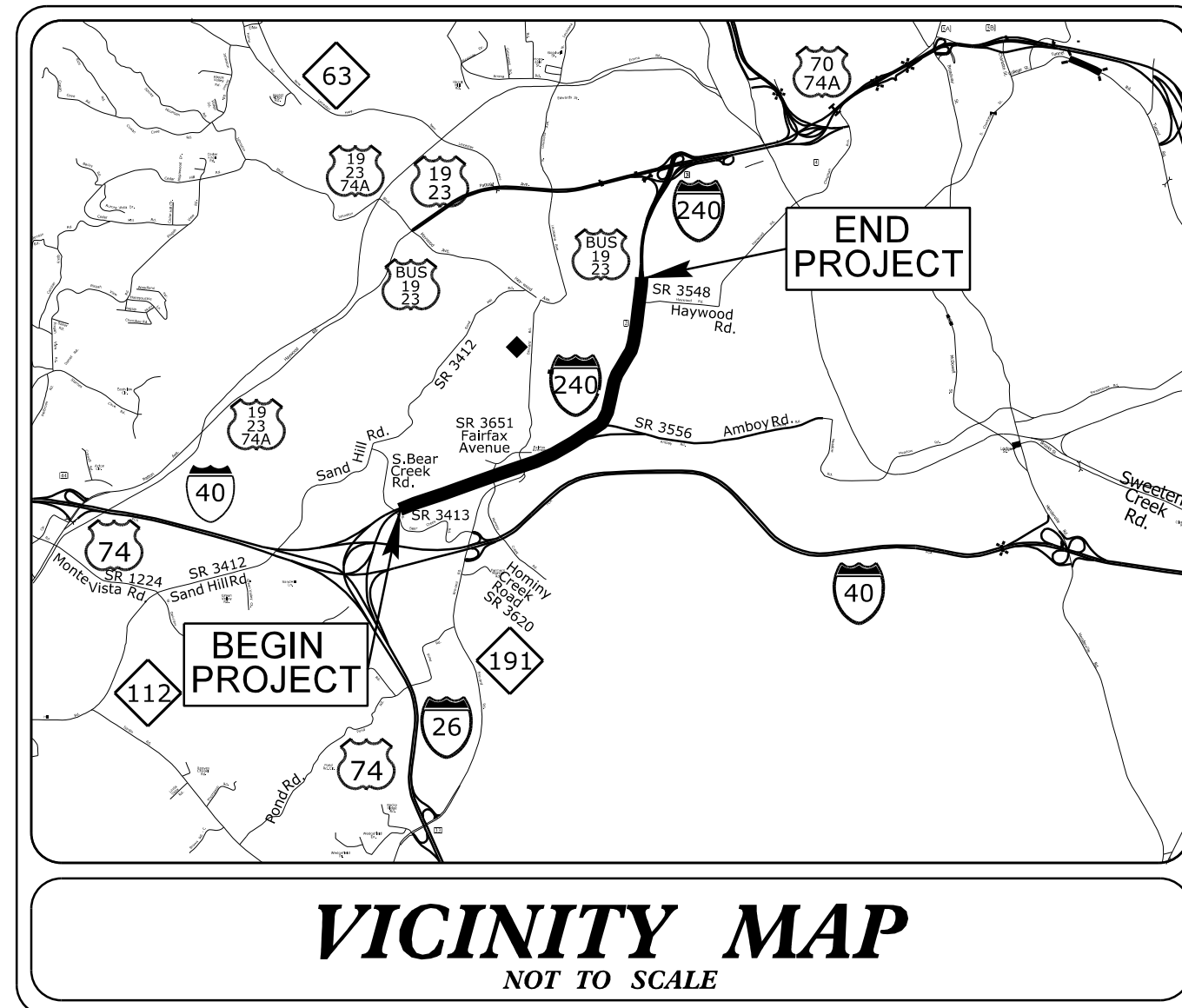


STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

BUNCOMBE COUNTY

LOCATION: I-26/I-40/I-240 INTERCHANGE TO SR 3548 (HAYWOOD RD)

***TYPE OF WORK: ITS - COMMUNICATIONS CABLE AND CONDUIT
ROUTING SYSTEM AND TWO (2) CCTV'S***



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*Refer to "Roadway Standard Drawings
NCDOT" dated January 2024 and
"Standard Specifications for Roads
and Structures" dated January 2024.*

Prepared for the Office of:
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
DIVISION



750 N. Greenfield Parkway, Garner, NC 27529

**NCDOT TRANSPORTATION SYSTEMS
MANAGEMENT AND OPERATIONS UNIT**

Contacts:

Andrew Skuce – ITS Development and Design Project Engineer
Alex Stewart – Regional ITS Engineer
Chad Franklin – Division 13 ITS Engineer
Steven Wyatt – Division 13 and 14 Systems Engineer

AECOM

Contact:

Gregory Cols – Project Engineer
Rochelle Garrett – NC Signals and ITS Engineer

EXULT

Contact:

Taylor Honeycutt – NC Signals and ITS Engineer

<i>Index of Plans</i>	
<i>Sheet #</i>	<i>Description</i>
<i>ITS 1</i>	<i>Project Titlesheet</i>
<i>ITS 2</i>	<i>Construction Notes</i>
<i>ITS 3</i>	<i>General Notes</i>
<i>ITS 4 – 13</i>	<i>ITS Communication Cable and Conduit Routing Plans</i>
<i>ITS 14 – 15</i>	<i>Typical Details</i>
<i>ITS 16 – 30</i>	<i>Splice Schematics and Details</i>

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CONTRACT: C204878 **TIP Project: I-25I3 AC**

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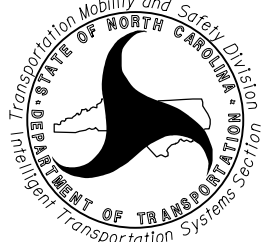
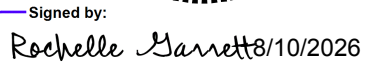
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I-2513 AC	ITS 3

GENERAL NOTES:

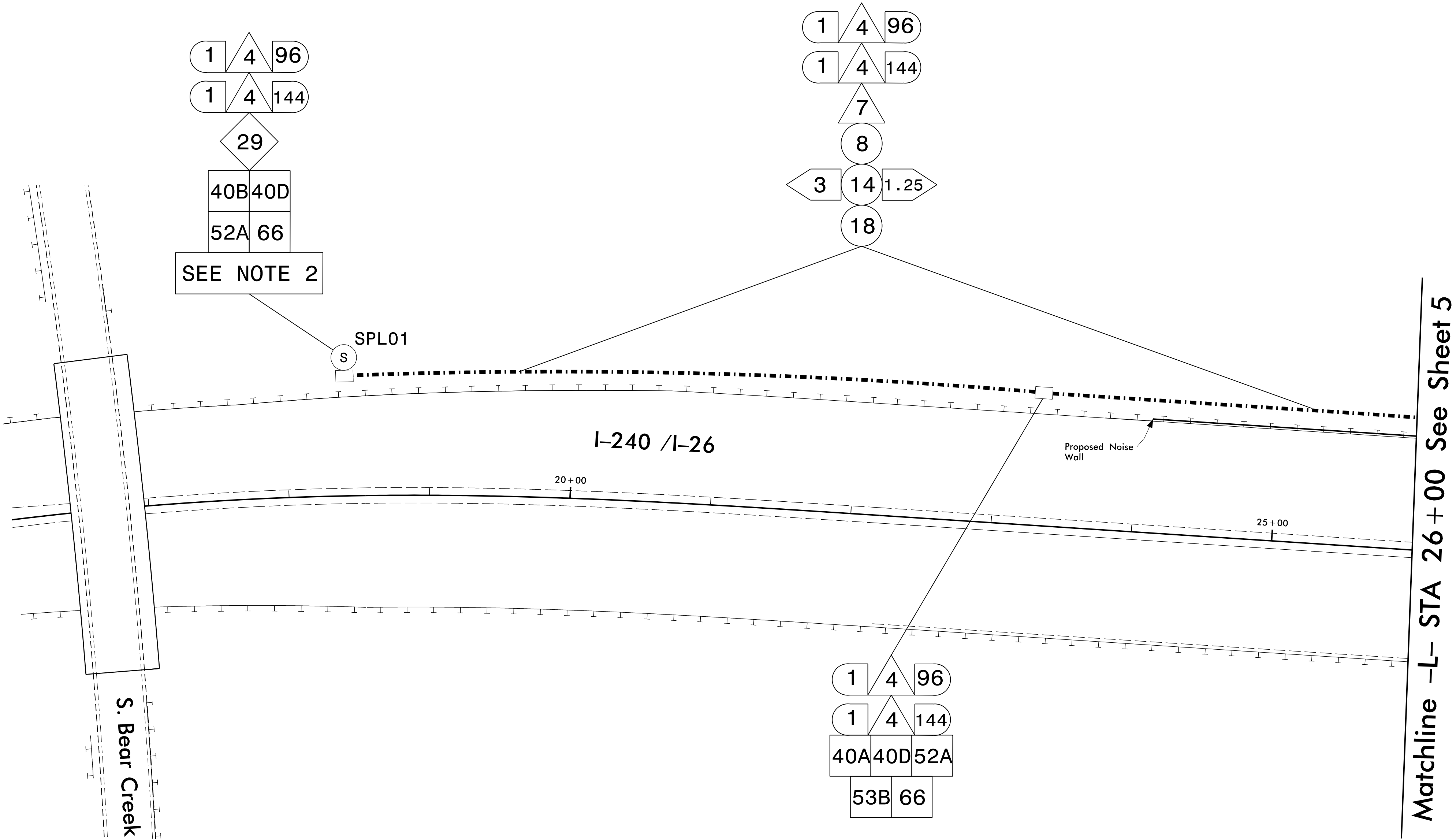
1. CONTRACTOR SHALL MEET ALL REQUIREMENTS CONTAINED IN THE NCDOT 2024 STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES AND THE I-2513 A INTELLIGENT TRANSPORTATION SYSTEMS PROJECT SPECIAL PROVISIONS FOR MATERIALS, INSTALLATION, AND OTHER RELATED ITS AND NETWORKING DETAILS.
2. INSTALL CONDUIT IN A STRAIGHT RUNNING LINE THAT IS A MINIMUM OF FIFTEEN (15) FEET FROM EXISTING EDGE OF PAVEMENT AND AS CLOSE TO THE EDGE OF THE MAINTAINED RIGHT-OF-WAY AS POSSIBLE.
3. THE FINAL LOCATION OF THE NCDOT ITS DEVICES MUST BE APPROVED BY THE NCDOT REGIONAL ITS ENGINEER PRIOR TO THE START OF INSTALLATION.
4. INSTALL EQUIPMENT CABINETS ON NEW ITS POLES.
5. CCTV CAMERAS ARE TO BE MOUNTED APPROXIMATELY 45 FEET ABOVE FINISHED GRADE AND SUCH THAT A MINIMUM OF 5 FEET OF CLEARANCE IS MAINTAINED BETWEEN THE CAMERA AND TOP OF THE POLE.
6. FINAL POWER LOCATION TO BE DETERMINED BY DUKE ENERGY. WIRE SIZE PER NEC.
7. CONTACT THE NCDOT REGIONAL ITS ENGINEER TO COORDINATE WITH DUKE ENERGY TO OBTAIN POWER FEED TO NEW ELECTRICAL SERVICES.
8. REMOVAL OF TREES AND VEGETATION FOR A CLEAR LINE OF SIGHT IS CONSIDERED INCIDENTAL TO THE INSTALLATION OF CCTV.
9. CONTRACTOR SHALL REPAIR ITS FIBER OPTIC CABLE DAMAGED DURING CONSTRUCTION WITHIN TWENTY-FOUR (24) HOURS (SEE ICT).

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Prepared for the Offices of:  750 N. Greenfield Pkwy., Garner, NC 27529		GENERAL NOTES DIVISION 13 BUNCOMBE CO. ASHEVILLE PLAN DATE: November 2025 REVIEWED BY: R. Garrett PREPARED BY: M. Tindal REVIEWED BY:		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
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				Signed by:  Rochelle Garrett 8/10/2026	
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I-2513 AC	ITS 4



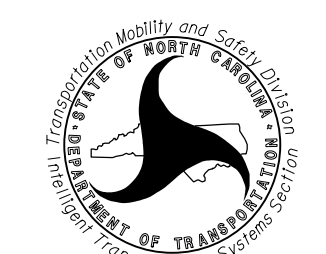
TRUNK CONDUIT LAYOUT
ORANGE = 144 FO (ACTIVE)
BLUE = 96 FO (SPARE)
GREEN = SPARE

- NOTES:
- USE 144 FIBER IN THE ORANGE CONDUIT FOR ALL DEVICES ON THIS PROJECT.
 - CAP AND SEAL FIBER IN JUNCTION BOX. COIL 100 FEET OF FIBER.

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ITS Communication Cable and Conduit Routing Plans			
DIVISION 13 BUNCOMBE CO.		ASHEVILLE	
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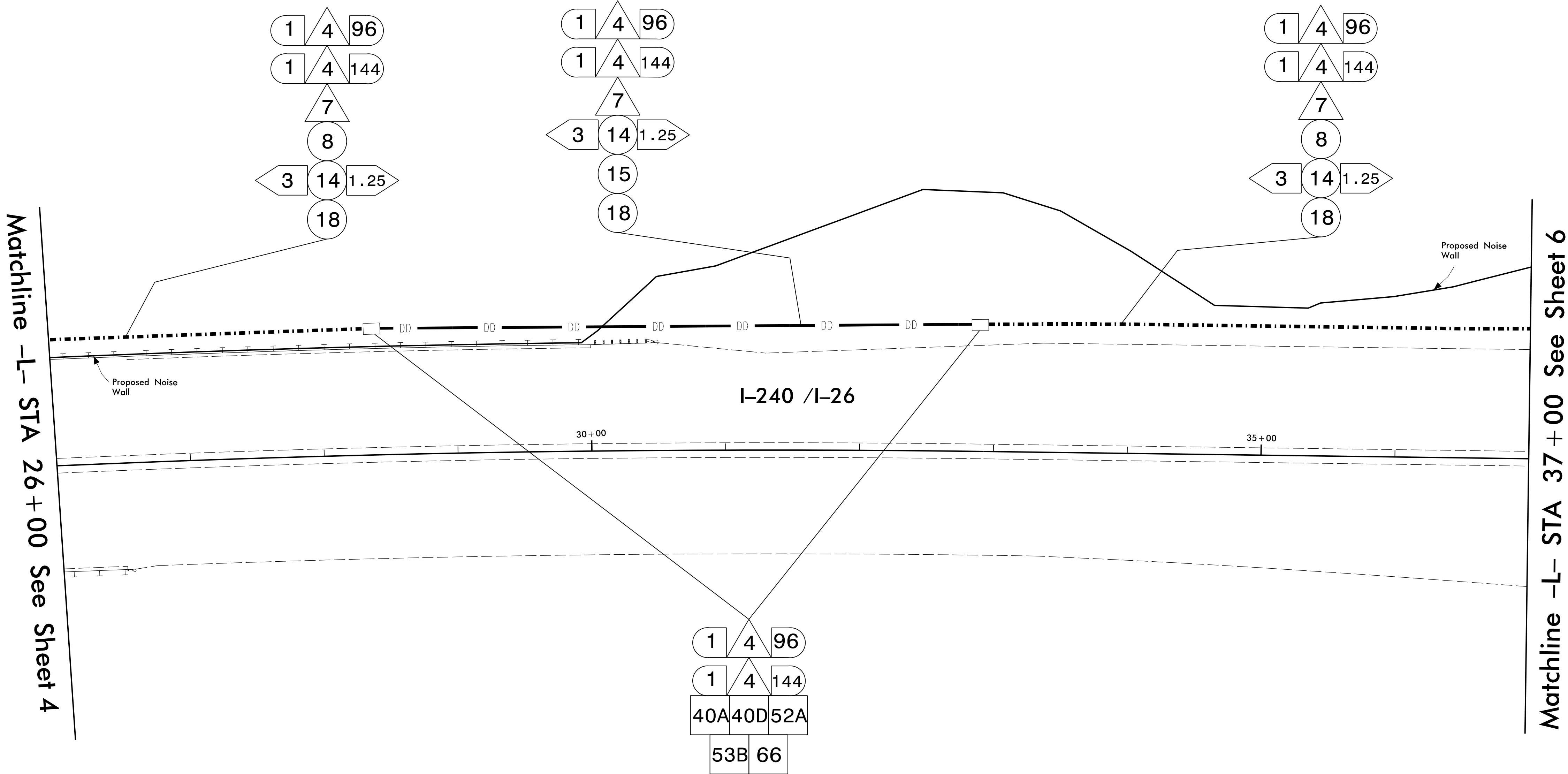


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FOR THE ENGINEER: SIGNATURE DATE

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I-2513 AC	ITS 5



TRUNK CONDUIT LAYOUT
ORANGE = 144 FO (ACTIVE)
BLUE = 96 FO (SPARE)
GREEN = SPARE

NOTES:

1. USE 144 FIBER IN THE ORANGE CONDUIT FOR ALL DEVICES ON THIS PROJECT.

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PLAN DATE: November 2025		REVIEWED BY: R. Garrett	
PREPARED BY: M. Tindal		REVIEWED BY:	
REVISIONS		INIT.	DATE

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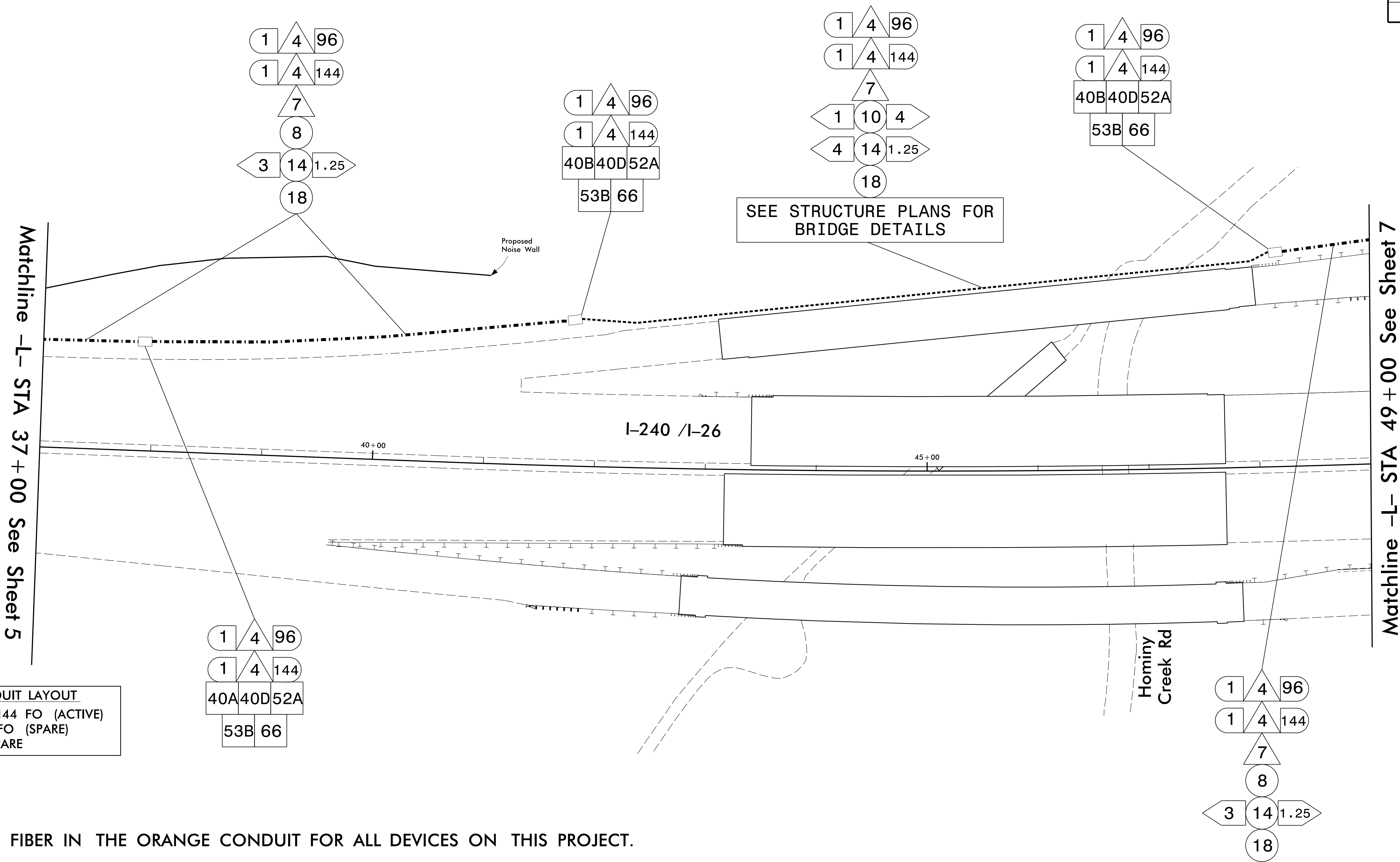
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I-2513 AC	ITS 6



TRUNK CONDUIT LAYOUT
ORANGE = 144 FO (ACTIVE)
BLUE = 96 FO (SPARE)
GREEN = SPARE

- NOTES:
- USE 144 FIBER IN THE ORANGE CONDUIT FOR ALL DEVICES ON THIS PROJECT.

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PREPARED BY: M. Tindal		REVIEWED BY:	
REVISIONS	INIT.	DATE	

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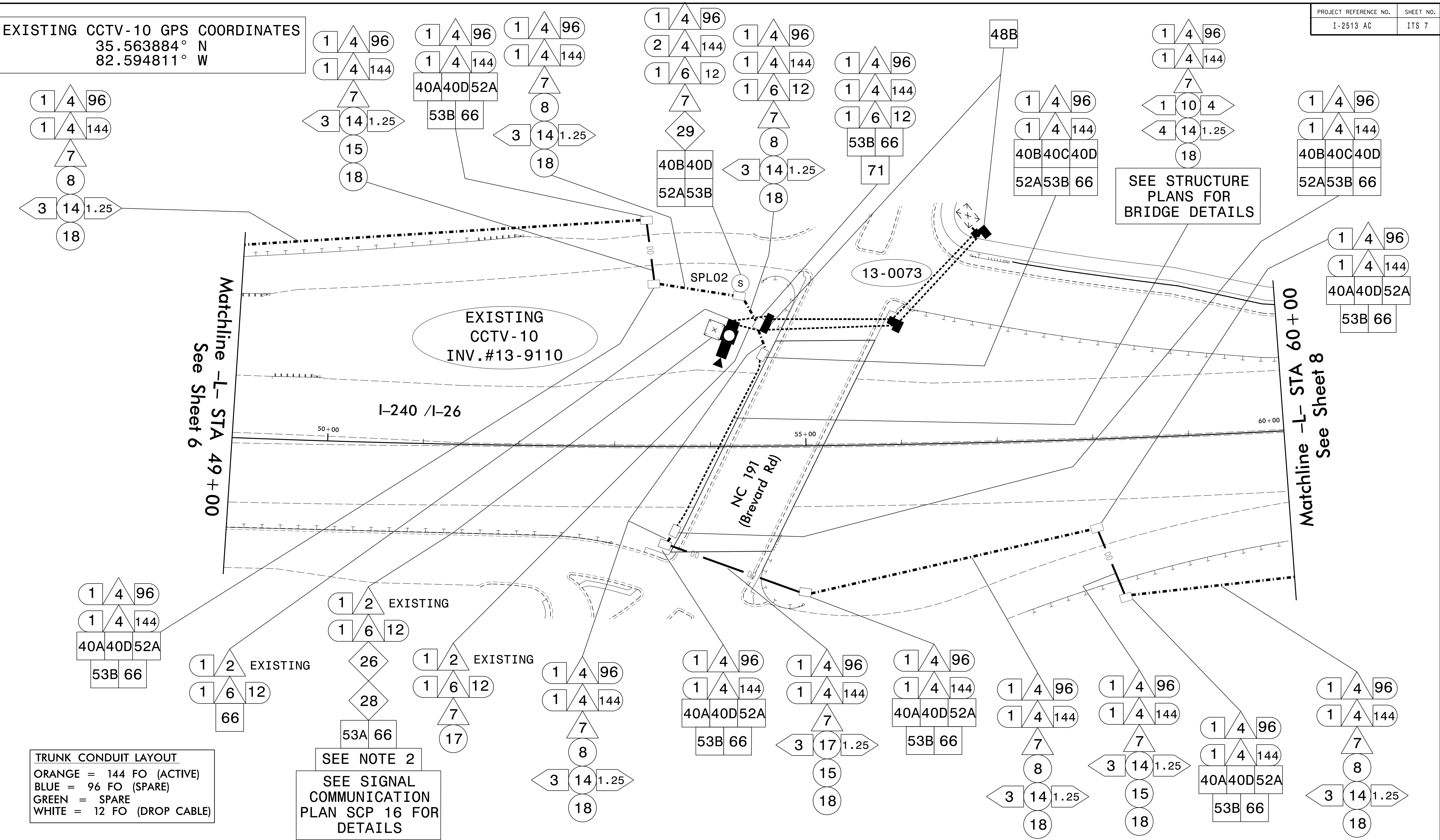
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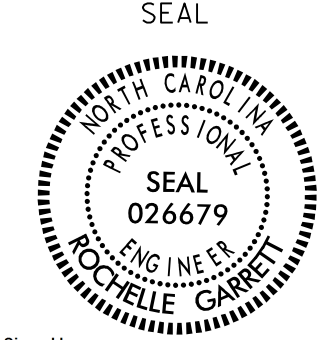
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82.594811° W



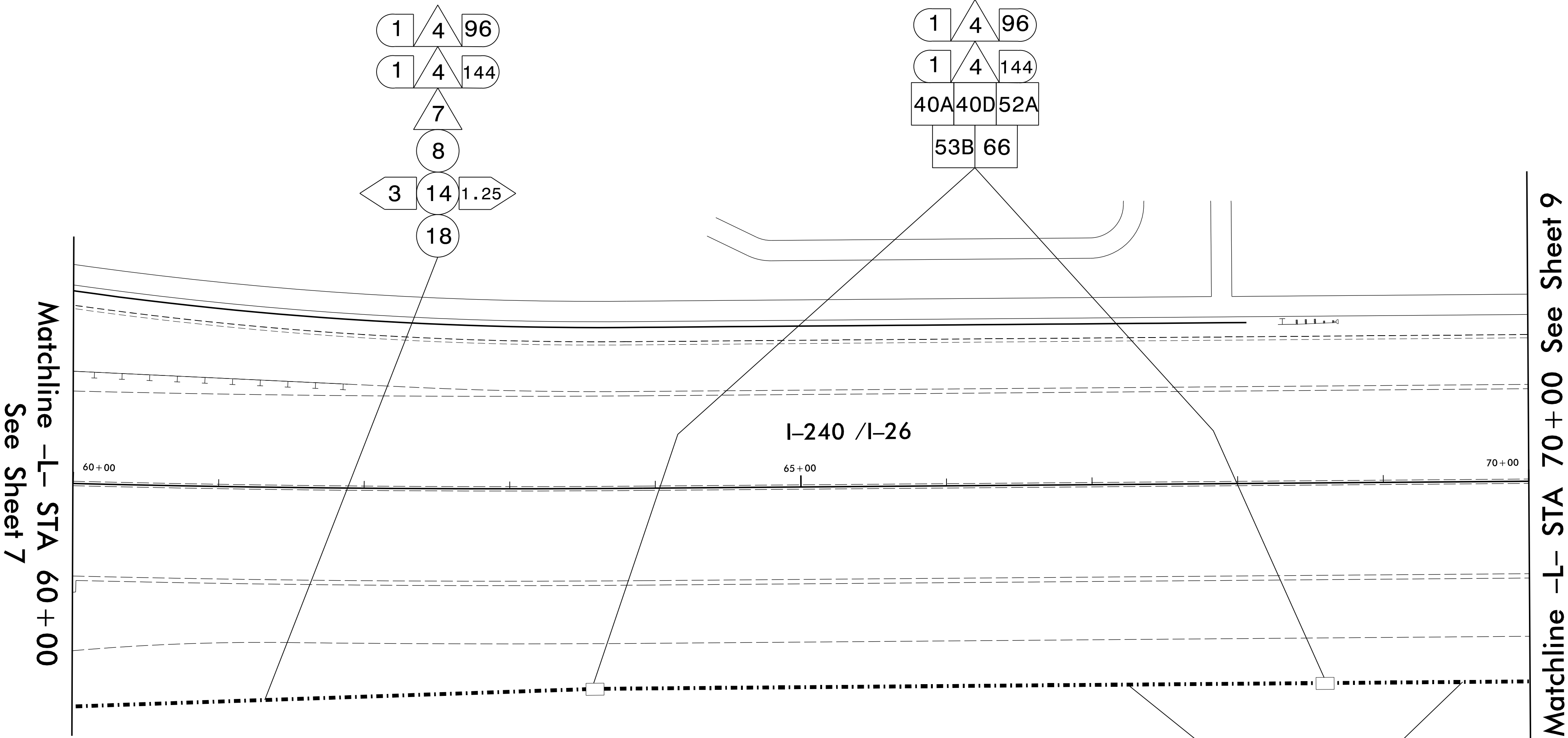
TRUNK CONDUIT LAYOUT
ORANGE = 144 FO (ACTIVE)
BLUE = 96 FO (SPARE)
GREEN = SPARE
WHITE = 12 FO (DROP CABLE)

SEE NOTE 2
SEE SIGNAL COMMUNICATION PLAN SCP 16 FOR DETAILS

- NOTES:
- USE 144 FIBER IN THE ORANGE CONDUIT FOR ALL DEVICES ON THIS PROJECT.
 - CCTV-10 WILL INITIALLY OPERATE ON THE SIGNAL COMMUNICATION SYSTEM. UPON COMPLETION OF THE ITS INSTALLATION, CONTROL OF THE CCTV CAMERA WILL BE TRANSFERRED TO ITS. THE SIGNAL CABINET WILL CONTINUE TO PROVIDE THE ELECTRICAL SERVICE. CONTACT THE DIVISION TRAFFIC ENGINEER AT (828) 250-3035 FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM.
 - REMOVE ABANDONED JUCTION BOXES.

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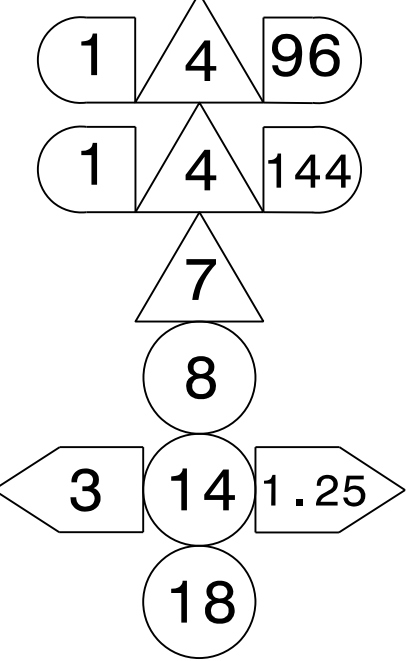
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TRUNK CONDUIT LAYOUT
ORANGE = 144 FO (ACTIVE)
BLUE = 96 FO (SPARE)
GREEN = SPARE

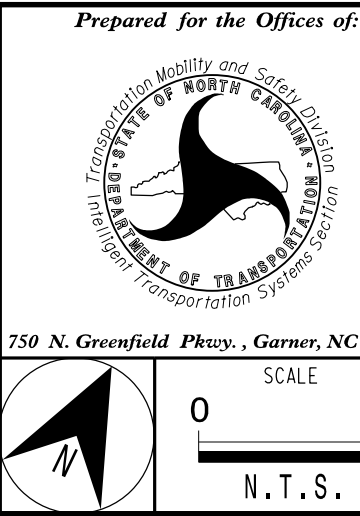
NOTES:

- USE 144 FIBER IN THE ORANGE CONDUIT FOR ALL DEVICES ON THIS PROJECT.



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DIVISION 13 BUNCOMBE CO. ASHEVILLE			
PLAN DATE: November 2025	REVIEWED BY: R. Garrett		
PREPARED BY: M. Tindal	REVIEWED BY:		
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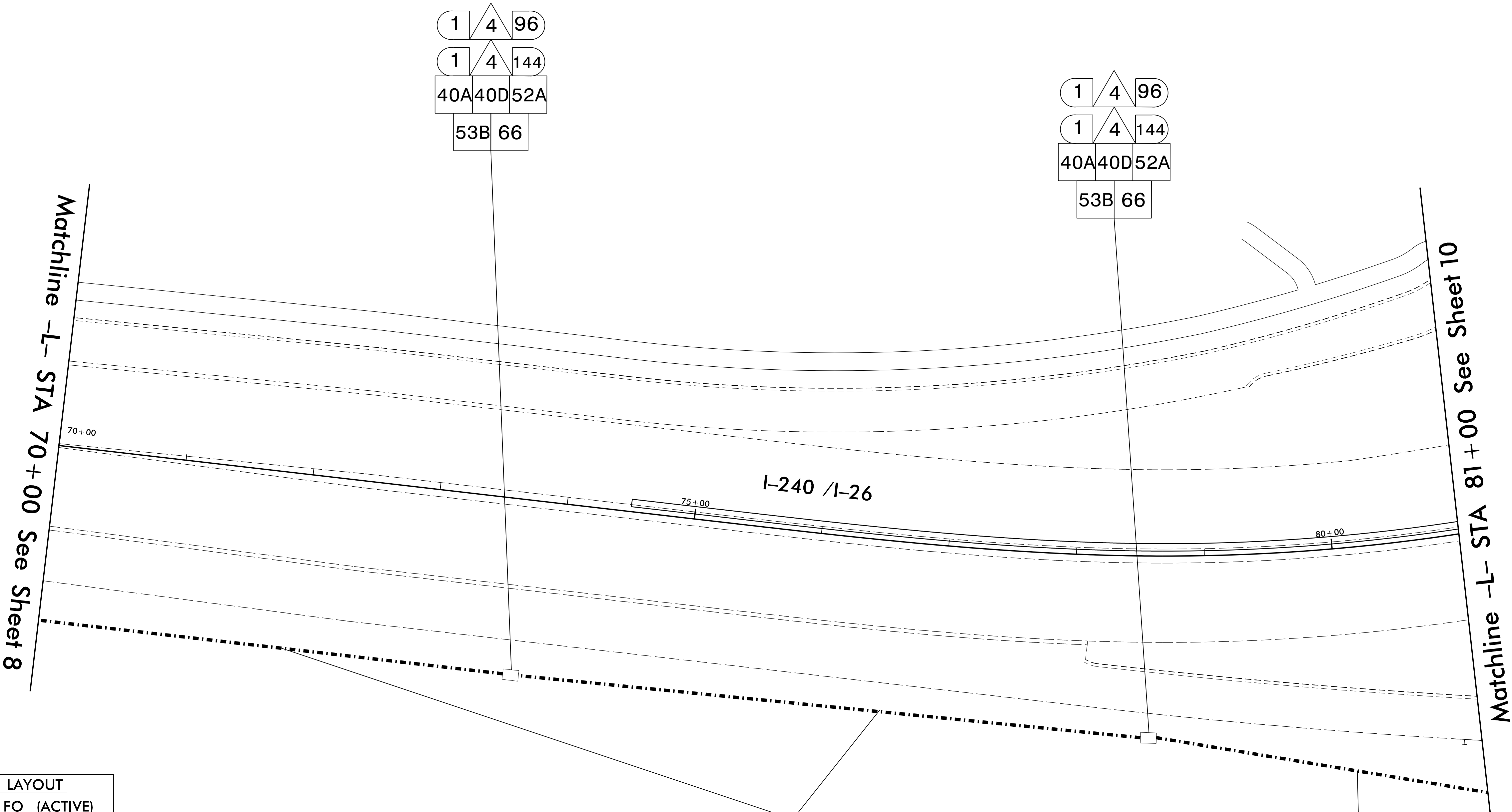
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ROCHELLE GARRETT
PROFESSIONAL ENGINEER
SEAL 026679

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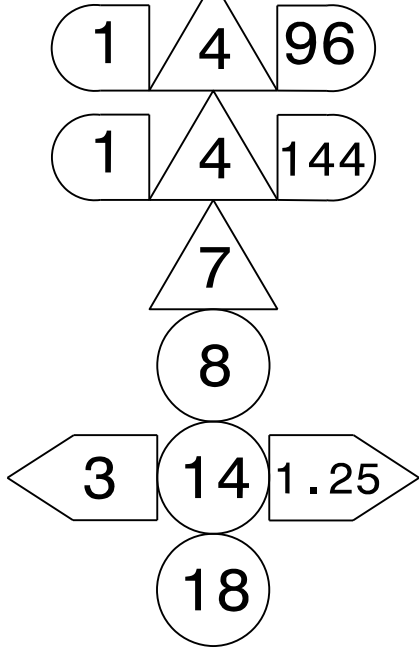
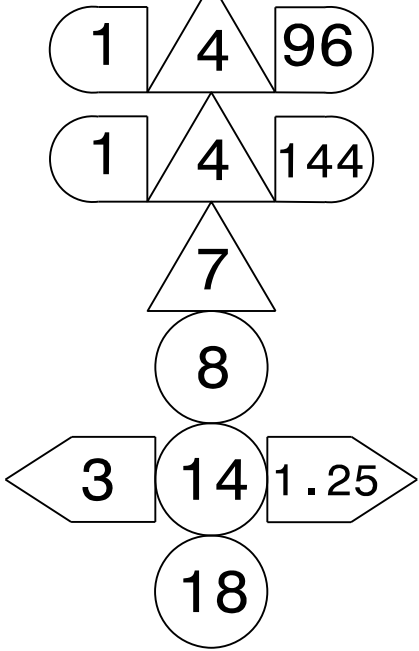
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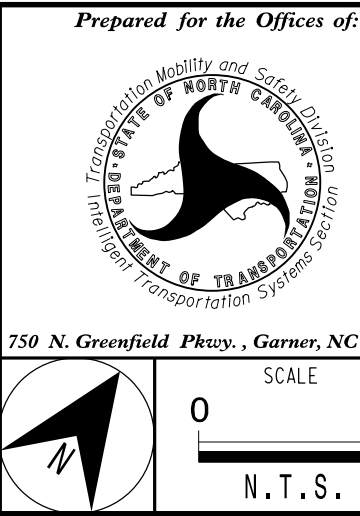
TRUNK CONDUIT LAYOUT
ORANGE = 144 FO (ACTIVE)
BLUE = 96 FO (SPARE)
GREEN = SPARE

- NOTES:
- USE 144 FIBER IN THE ORANGE CONDUIT FOR ALL DEVICES ON THIS PROJECT.



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ITS Communication Cable and Conduit Routing Plans			
DIVISION 13 BUNCOMBE CO.		ASHEVILLE	
PLAN DATE: November 2025		REVIEWED BY: R. Garrett	
PREPARED BY: M. Tindal		REVIEWED BY:	
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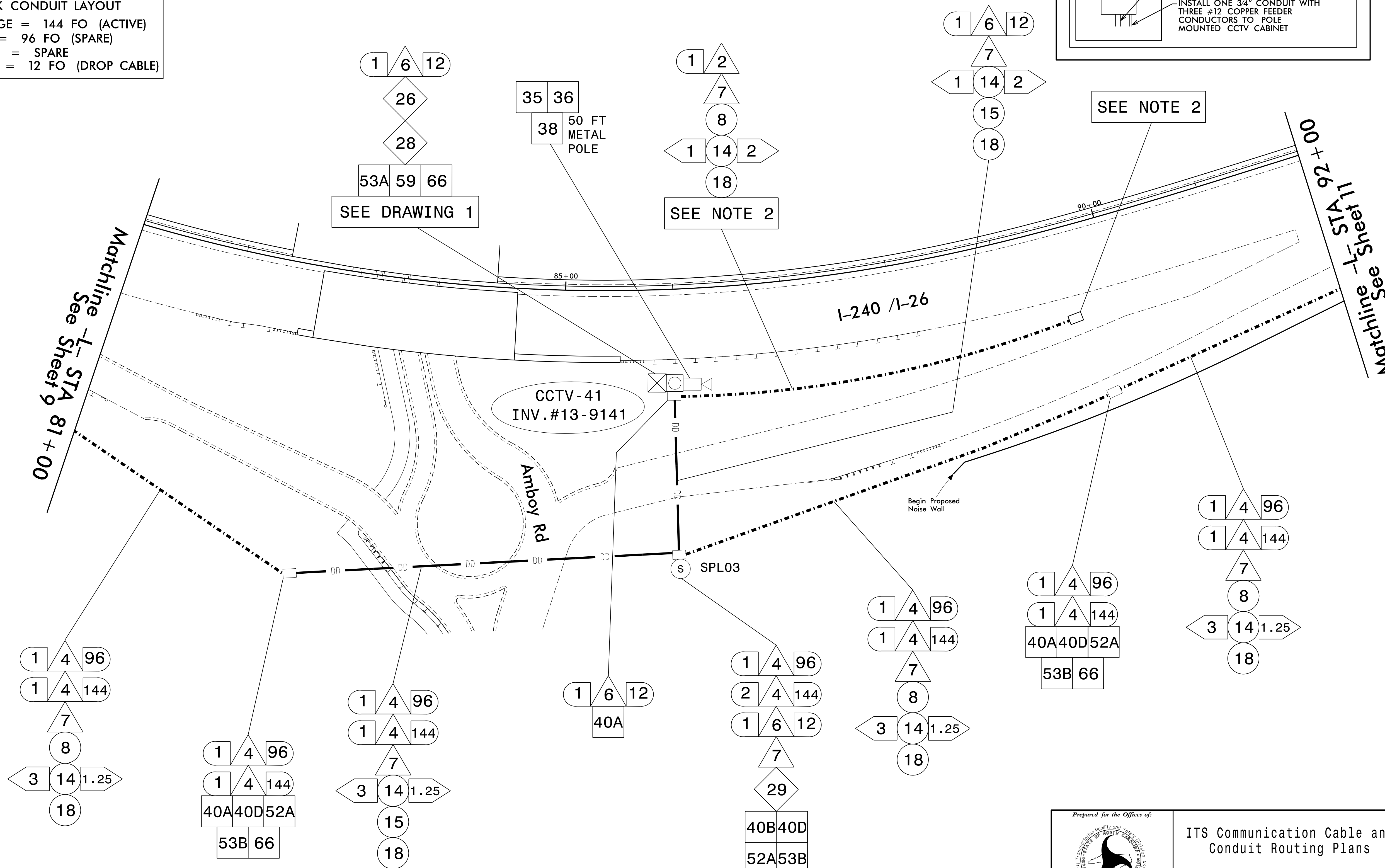
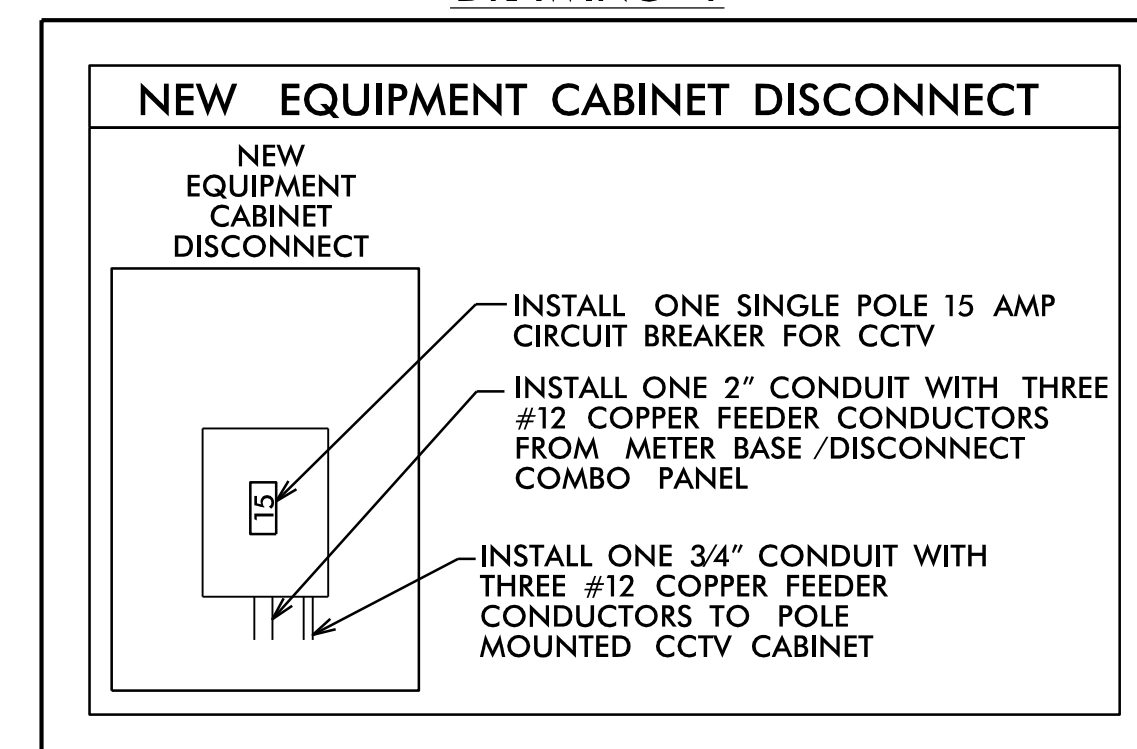
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-82.585606° W

TRUNK CONDUIT LAYOUT

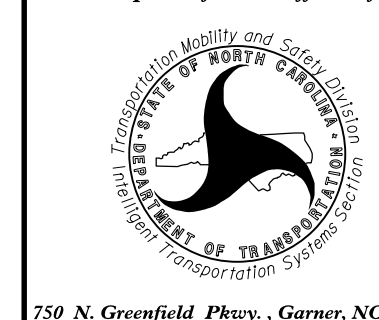
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NOTES:

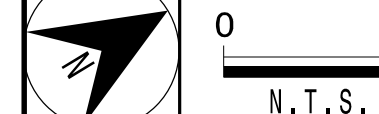
1. USE 144 FIBER IN THE ORANGE CONDUIT FOR ALL DEVICES ON THIS PROJECT.
2. POWER FOR THE CCTV CAMERA WILL BE PROVIDED THROUGH THE LIGHTING CONTROL SYSTEM AS COORDINATED WITH NCDOT LIGHTING AND ELECTRICAL ENGINEER. ETHERNET CABLE WILL BE PULLED FROM THE CCTV TO THE PROPOSED LIGHTING JUNCTION BOX. SEE LIGHTING PLAN E-4 FOR DETAILS.



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ITS Communication Cable and Conduit Routing Plans

DIVISION 13 BUNCOMBE CO. ASHEVILLE

PLAN DATE:	November 2025	REVIEWED BY:	R. Garrett
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529	PREPARED BY: M. Tindal	REVIEWED BY:
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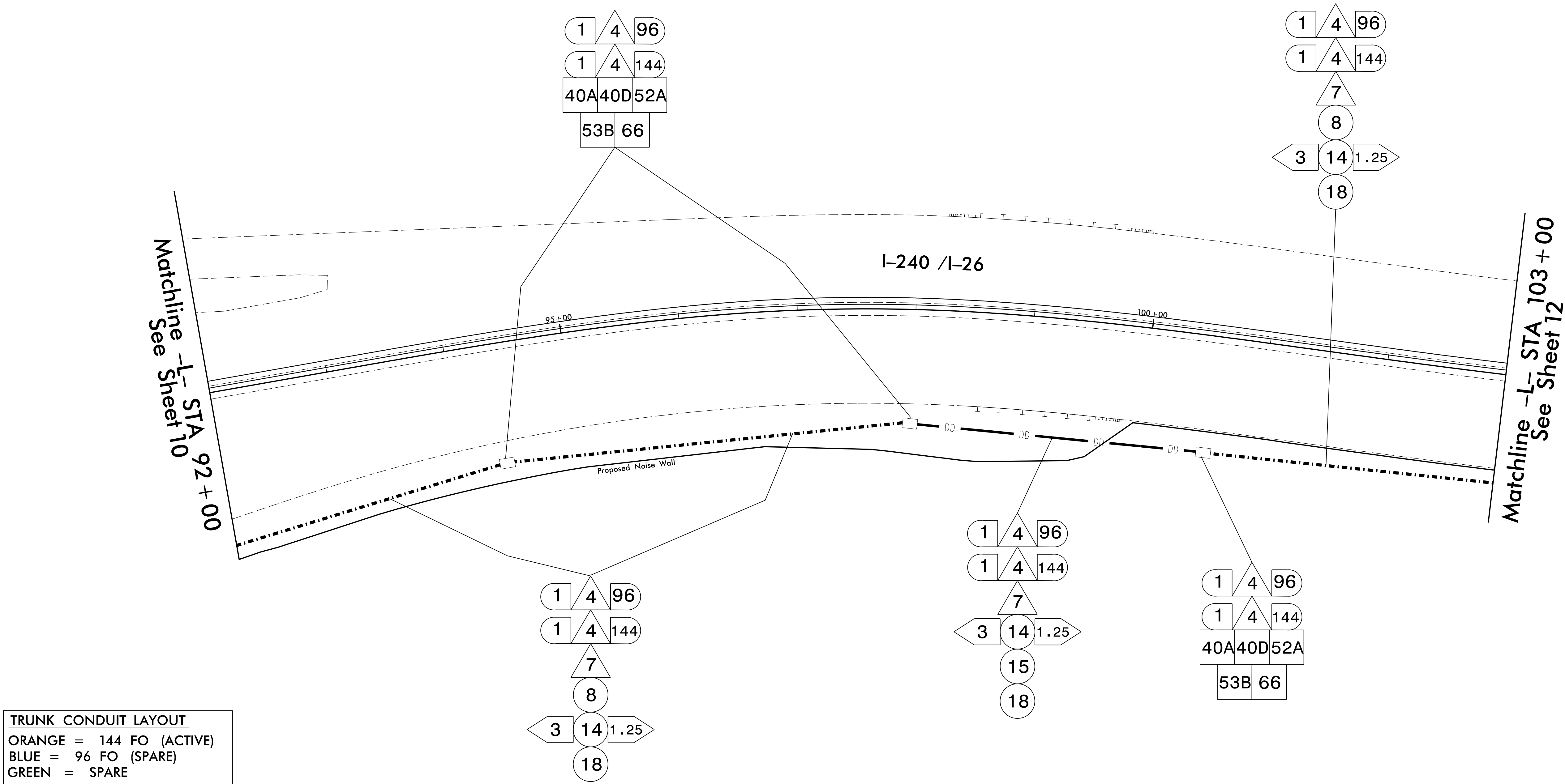
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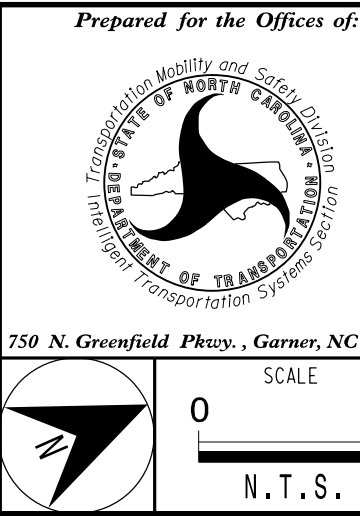


NOTES:

1. USE 144 FIBER IN THE ORANGE CONDUIT FOR ALL DEVICES ON THIS PROJECT.

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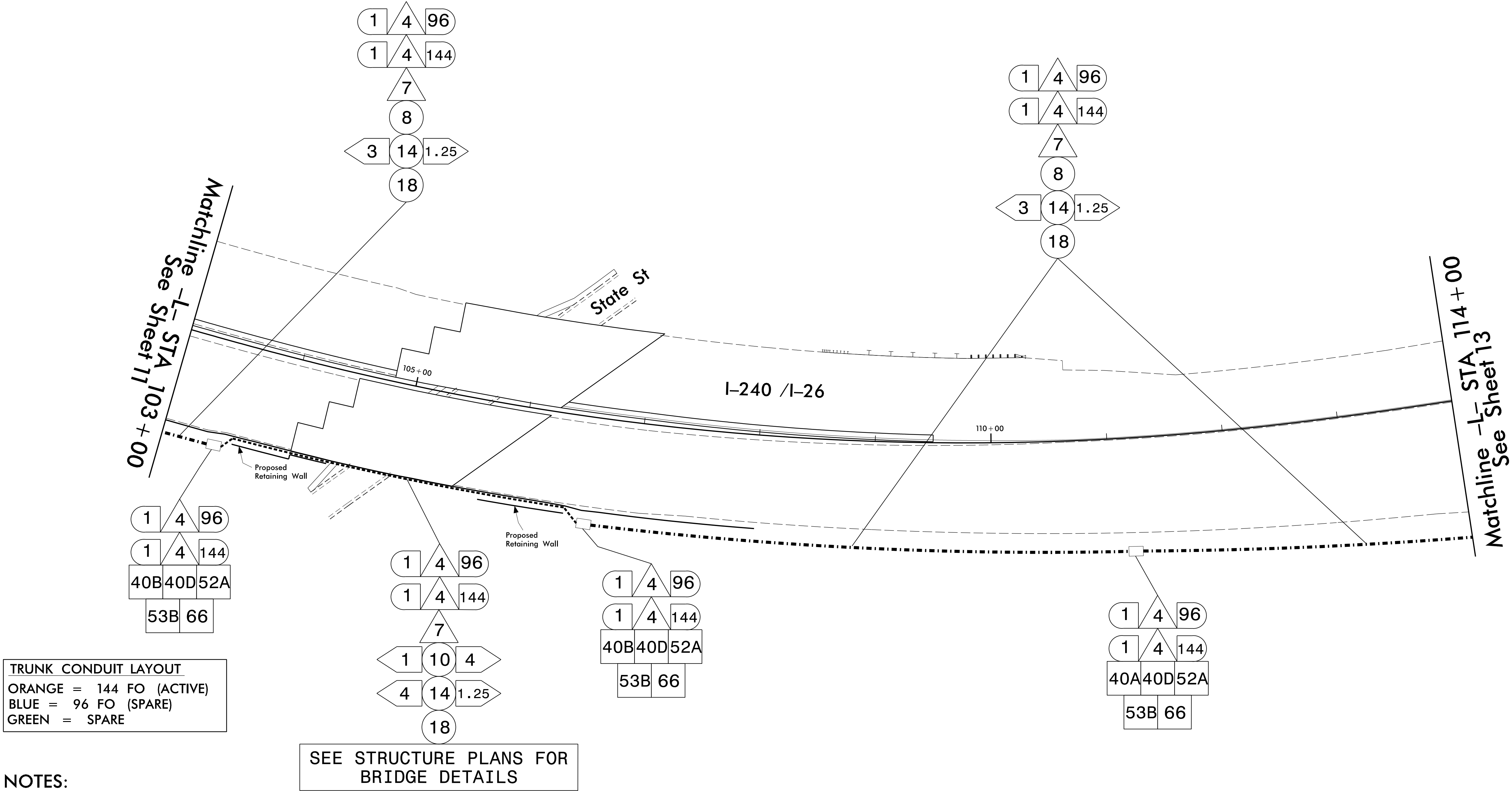
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PROFESSIONAL ENGINEER
SEAL 026679

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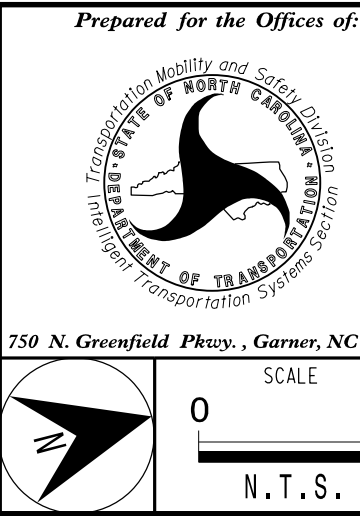


NOTES:

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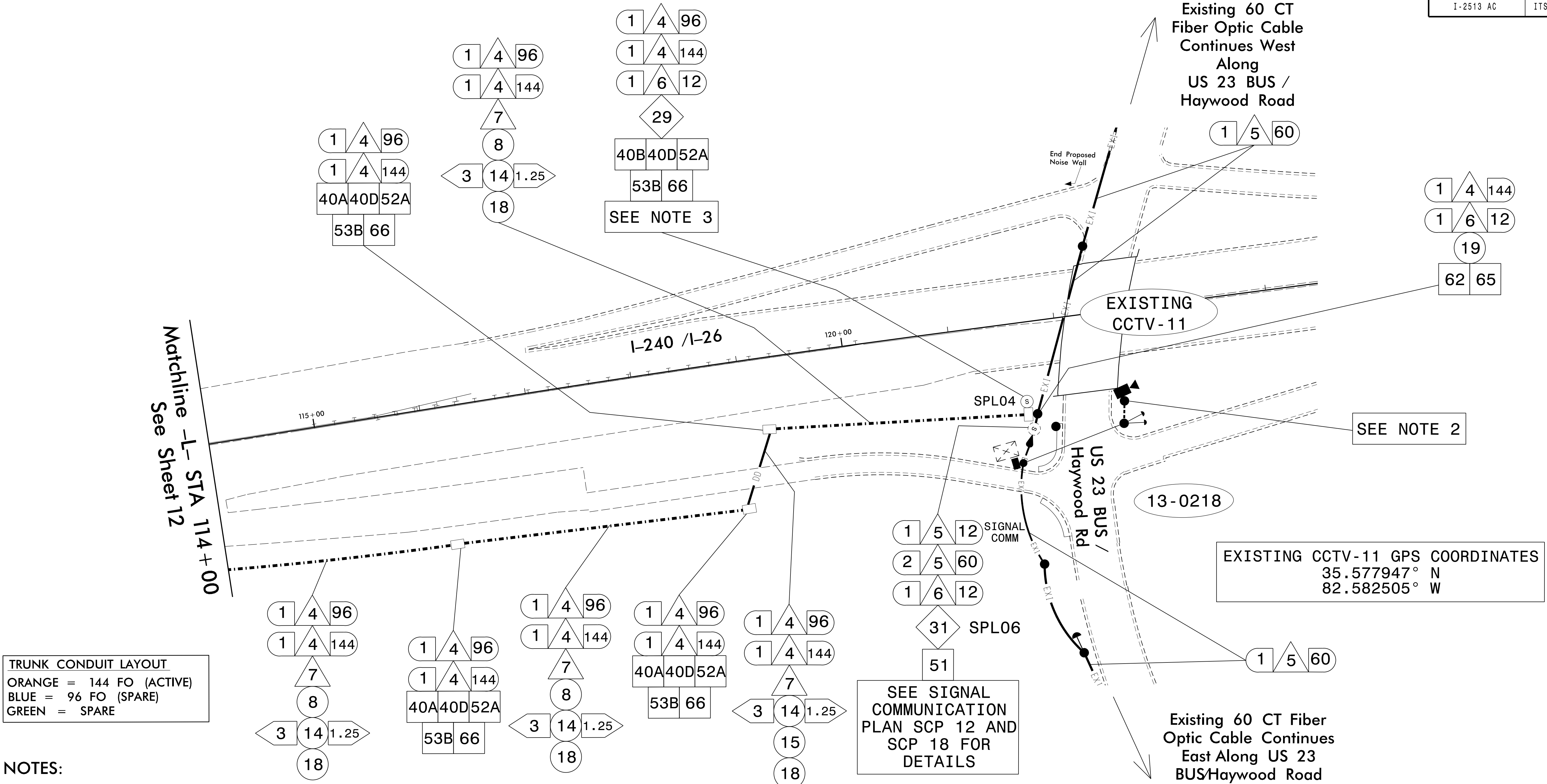
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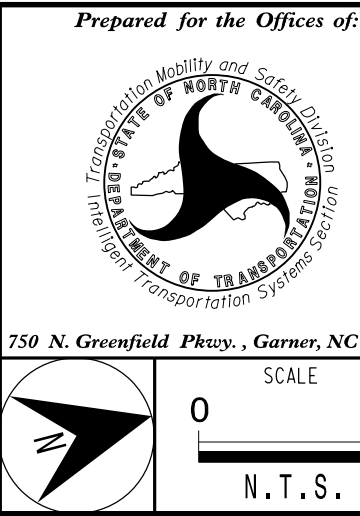
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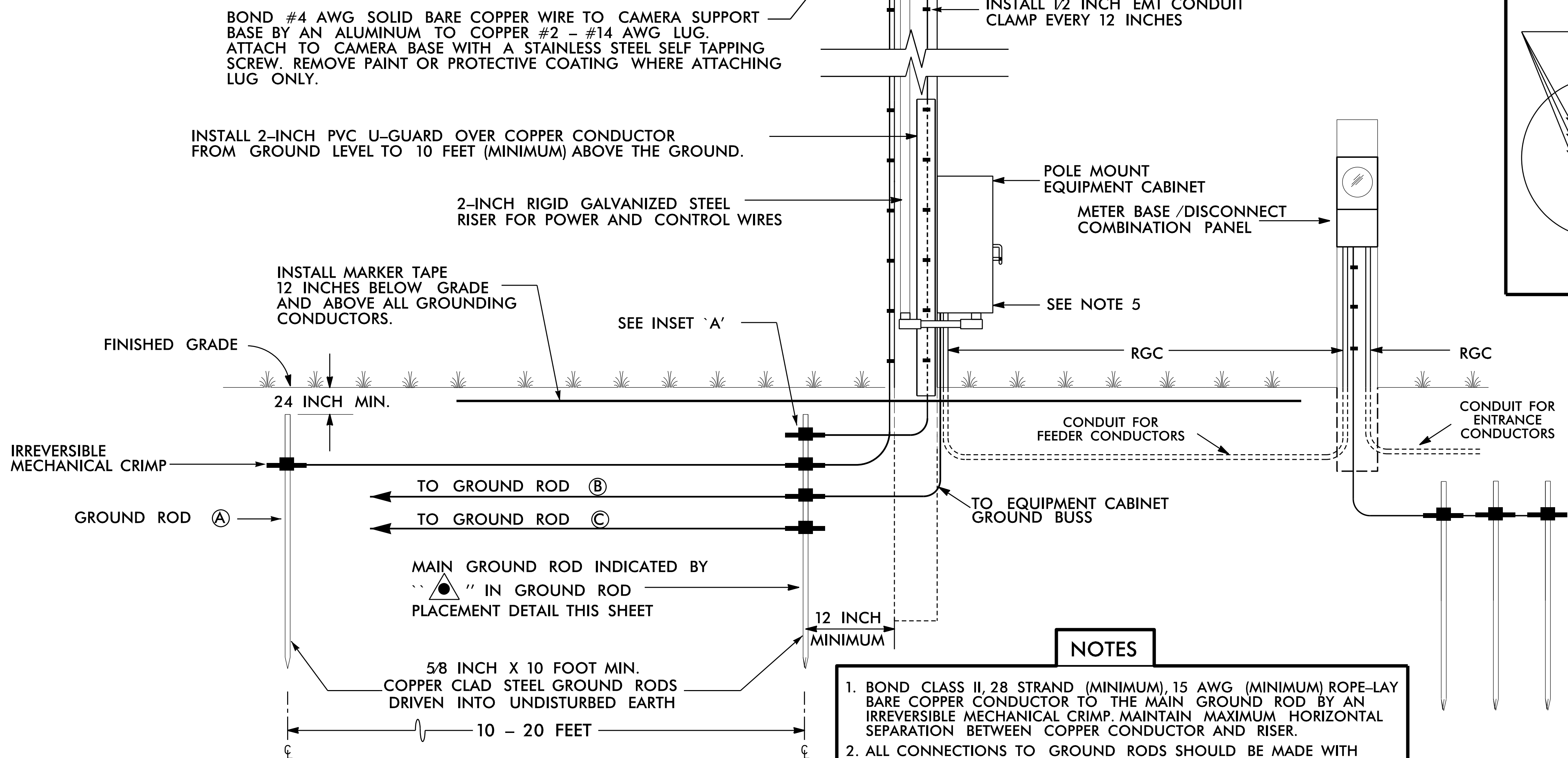
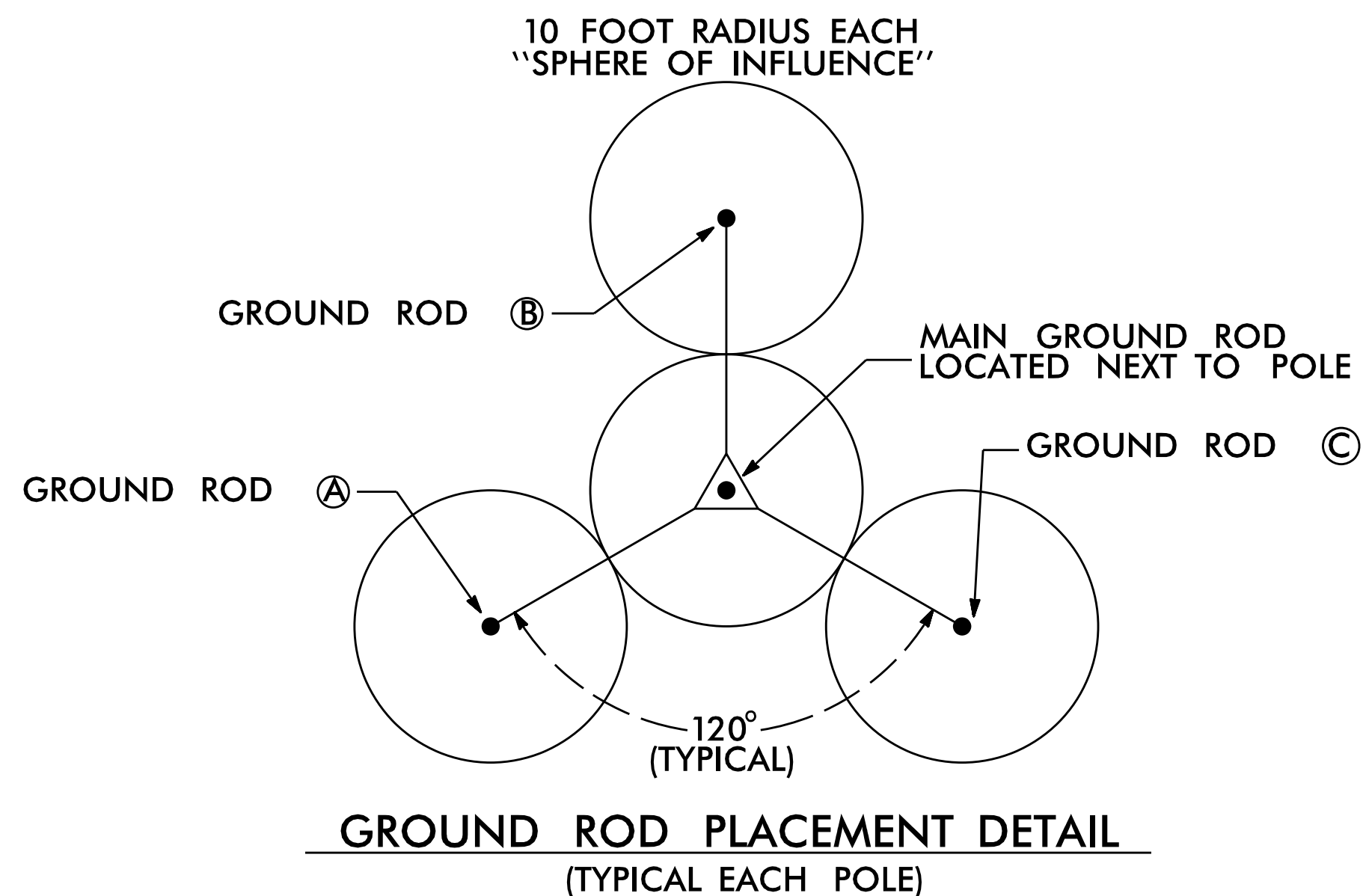
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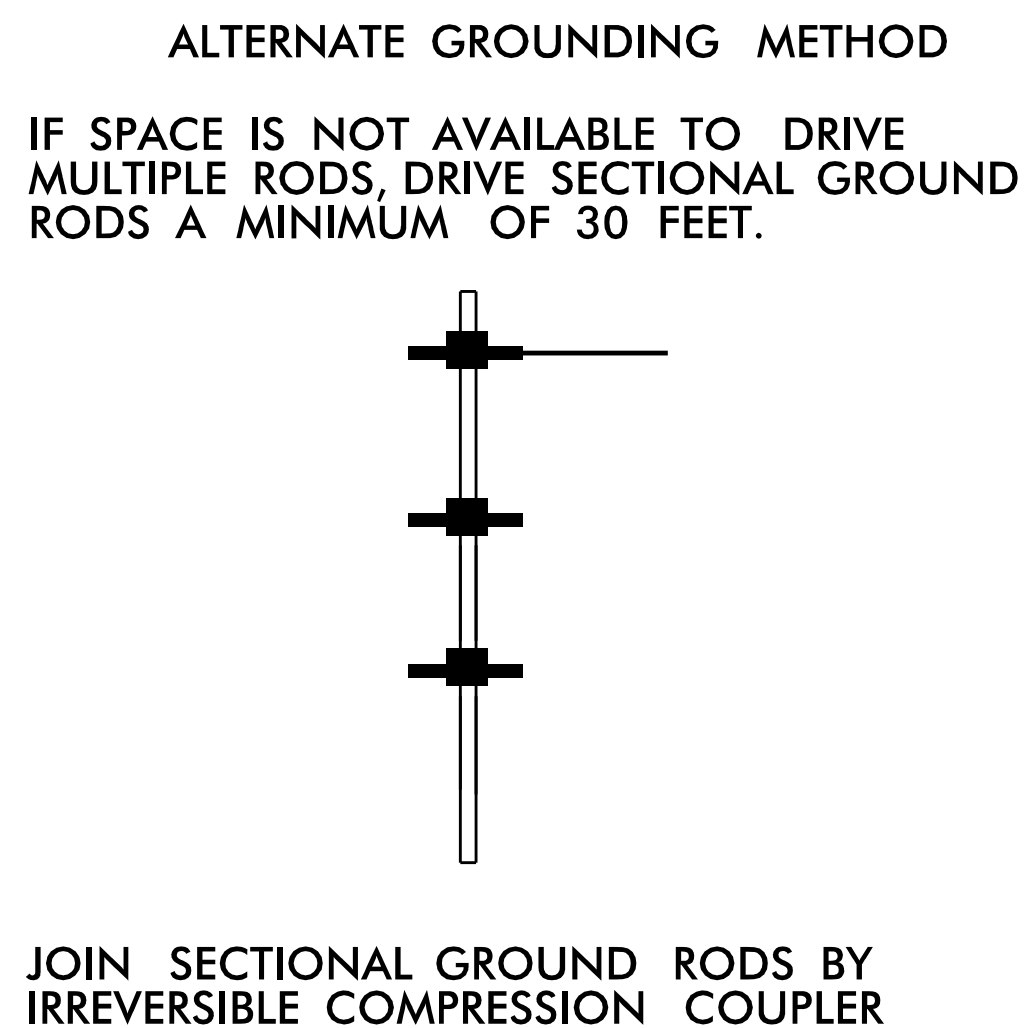
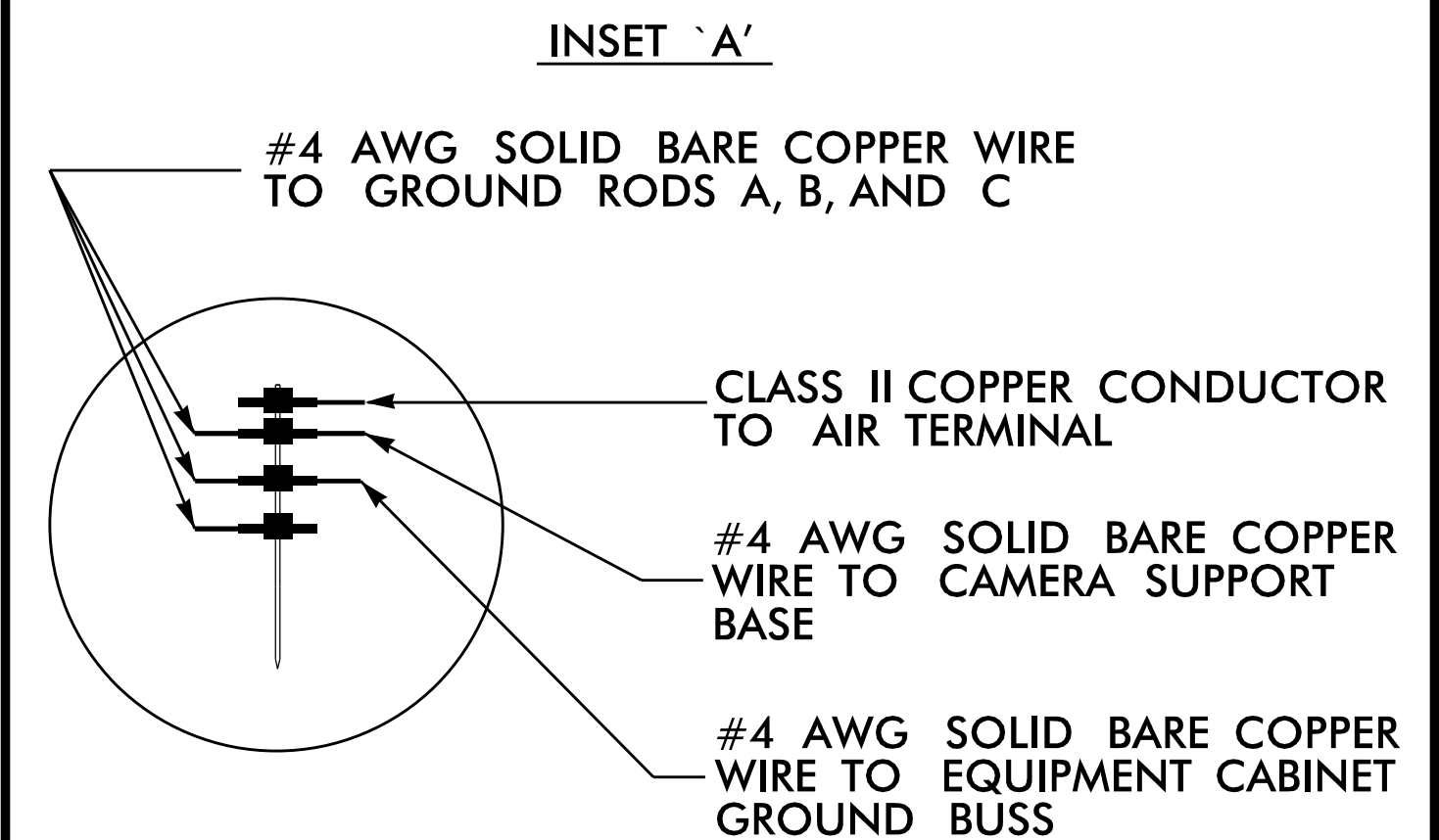
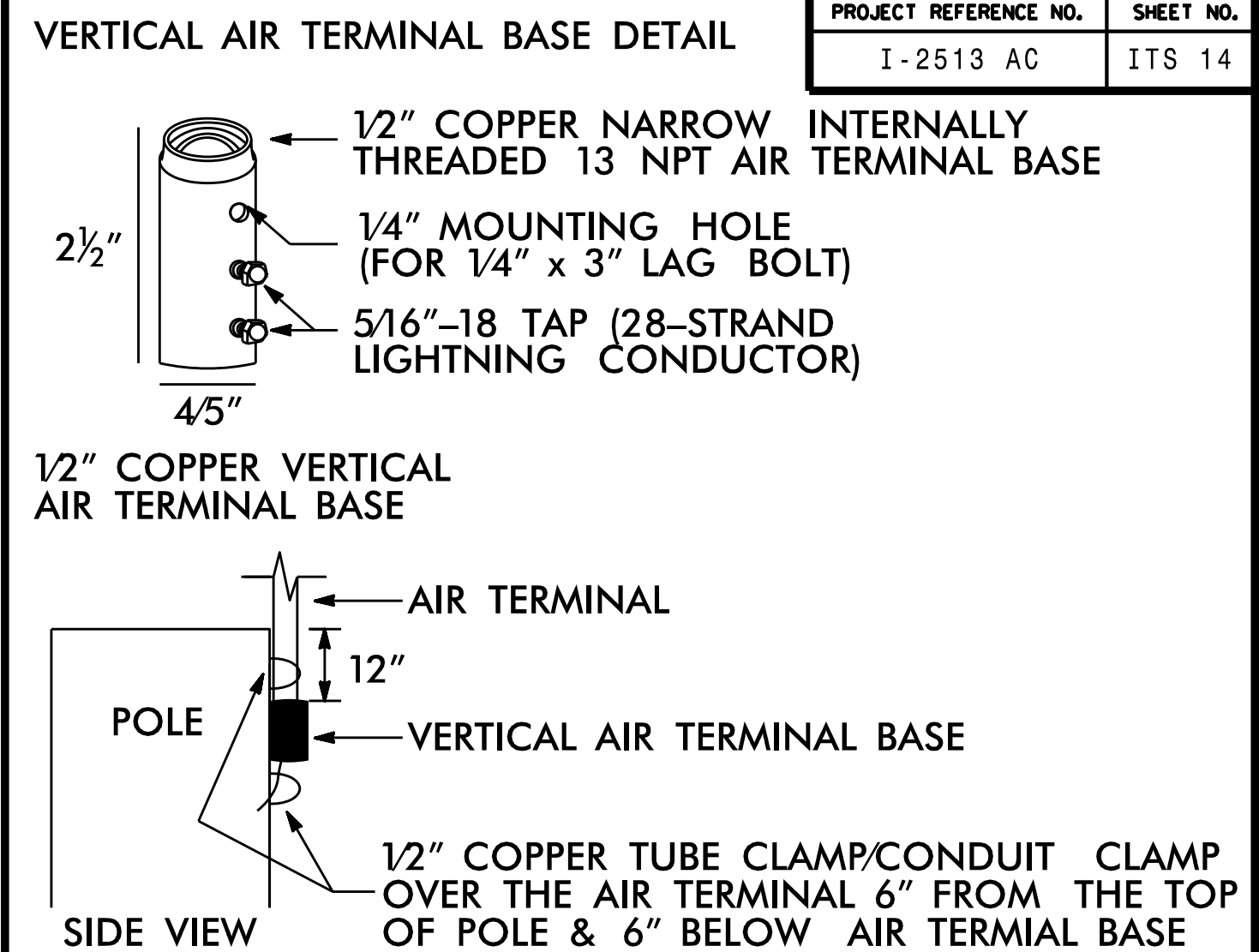


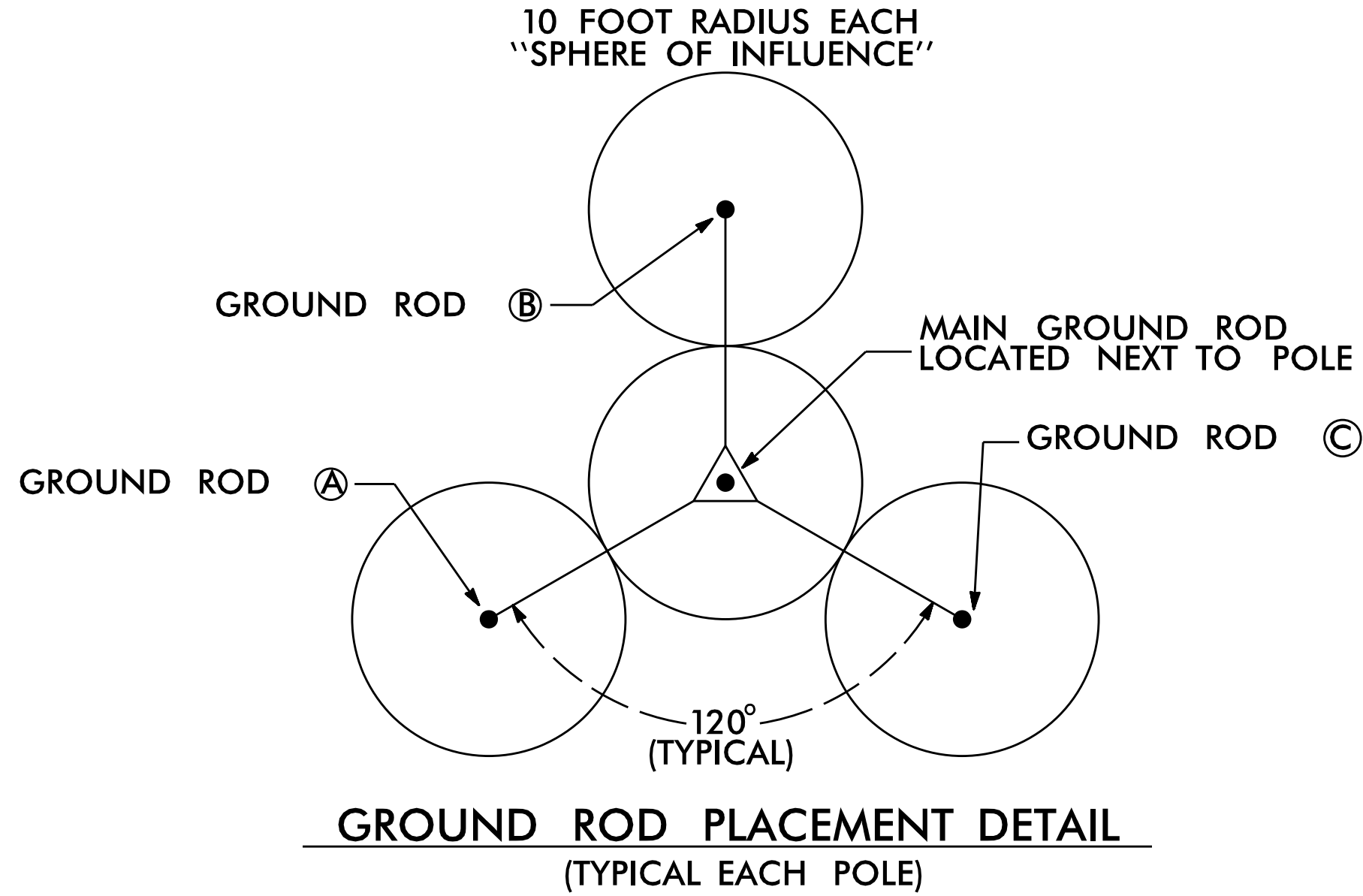
1. BOND CLASS II, 28 STRAND (MINIMUM), 15 AWG (MINIMUM) ROPE-LAY BARE COPPER CONDUCTOR TO THE MAIN GROUND ROD BY AN IRREVERSIBLE MECHANICAL CRIMP. MAINTAIN MAXIMUM HORIZONTAL SEPARATION BETWEEN COPPER CONDUCTOR AND RISER.
2. ALL CONNECTIONS TO GROUND RODS SHOULD BE MADE WITH AN IRREVERSIBLE MECHANICAL CRIMP METHOD.
3. REFER TO STANDARD DRAWING 1700-2 FOR ALTERNATE GROUND ROD INSTALLATION METHOD AS APPROVED BY THE ENGINEER.
4. INSTALL MARKER TAPE DIRECTLY ABOVE ALL GROUNDING ELECTRODES AND CONDUCTORS AT A DEPTH OF 12 INCHES.
5. REMOVE BONDING JUMPER BETWEEN EQUIPMENT CABINET GROUND BUSS AND NEUTRAL BUSS.

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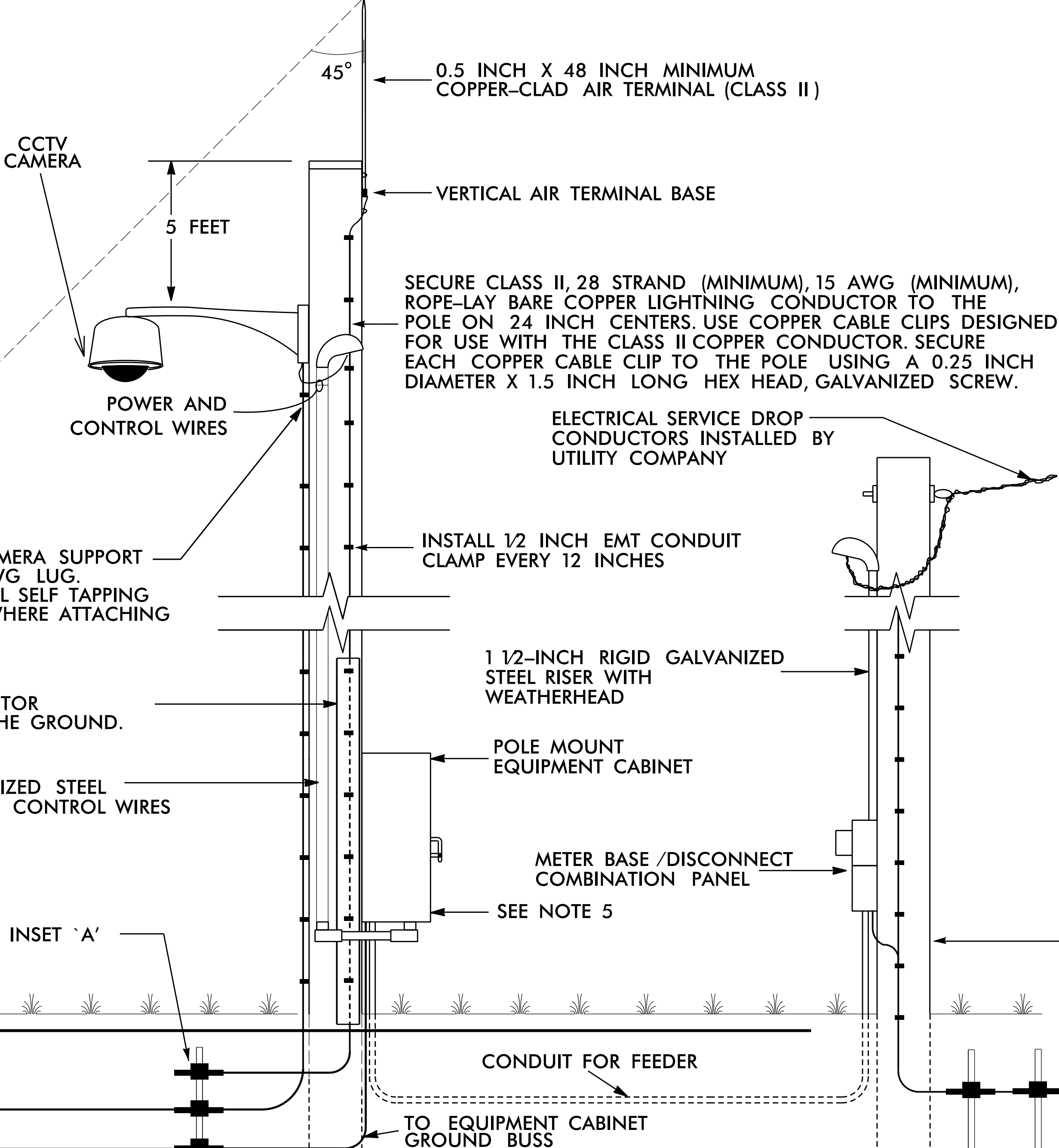
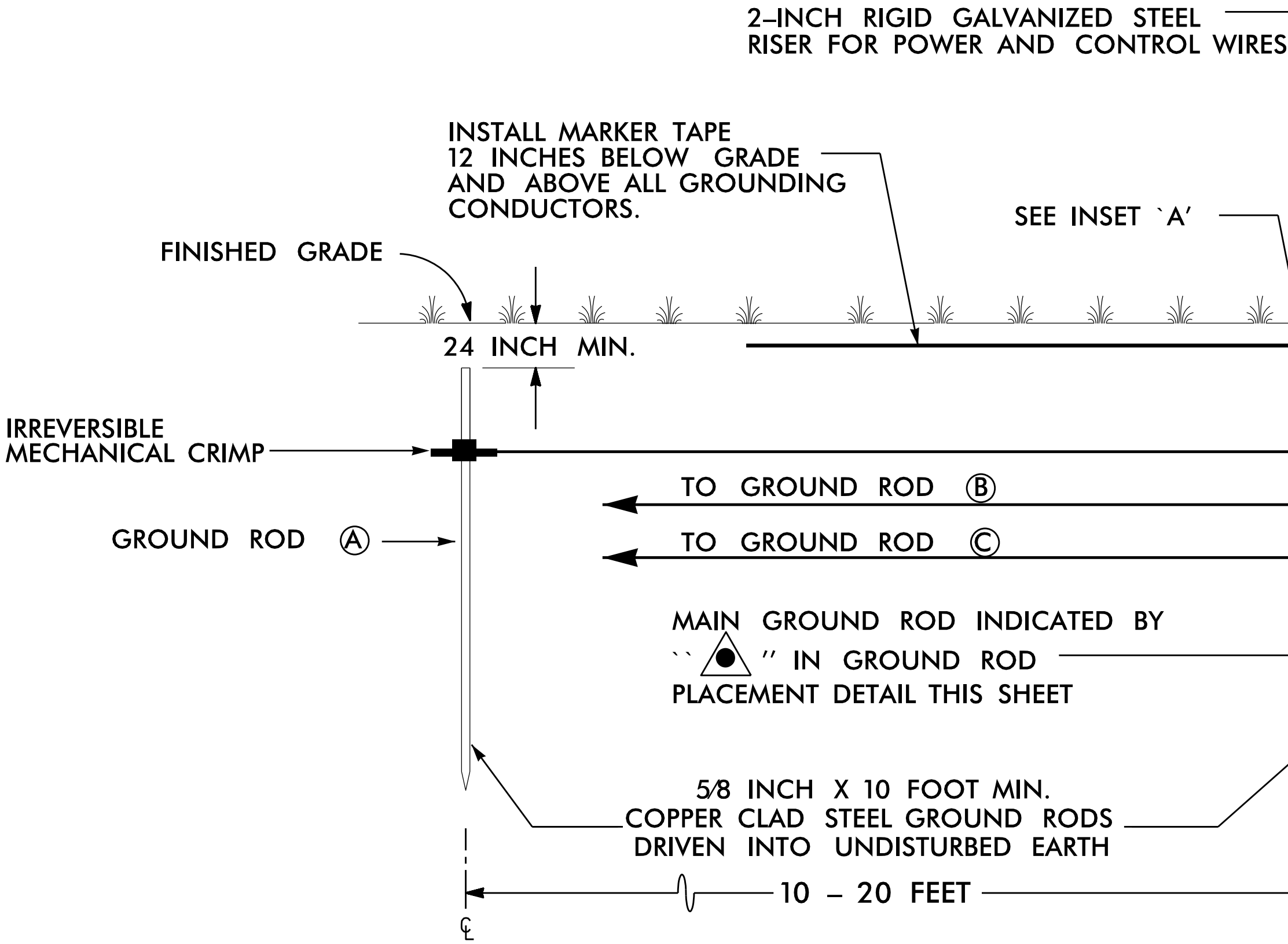
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[illegible]



BOND #4 AWG SOLID BARE COPPER WIRE TO CAMERA SUPPORT
BASE BY AN ALUMINUM TO COPPER #2 - #14 AWG LUG.
ATTACH TO CAMERA BASE WITH A STAINLESS STEEL SELF TAPPING
SCREW. REMOVE PAINT OR PROTECTIVE COATING WHERE ATTACHING
LUG ONLY.

INSTALL 2-INCH PVC U-GUARD OVER COPPER CONDUCTOR
FROM GROUND LEVEL TO 10 FEET (MINIMUM) ABOVE THE GROUND.

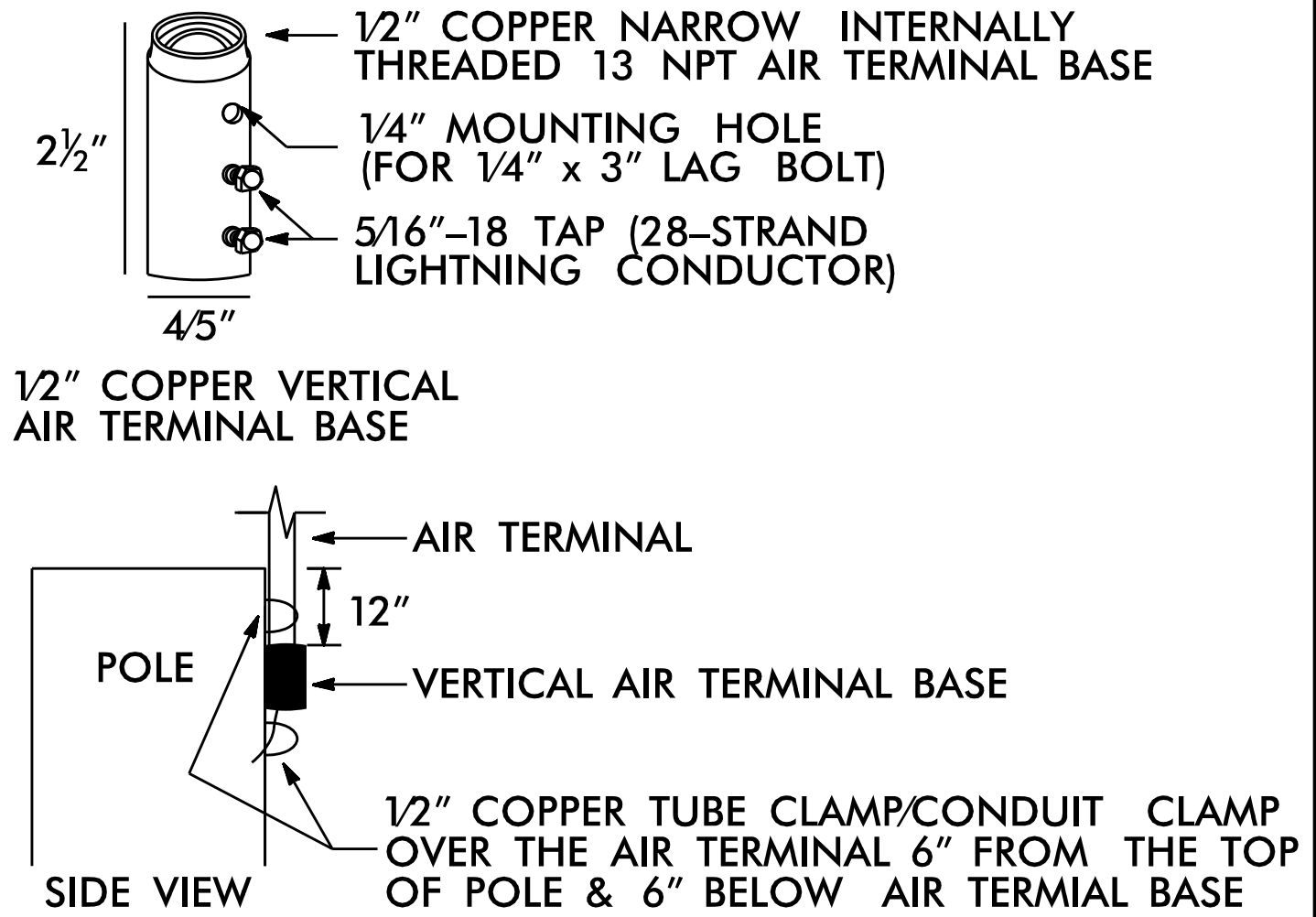


NOTES

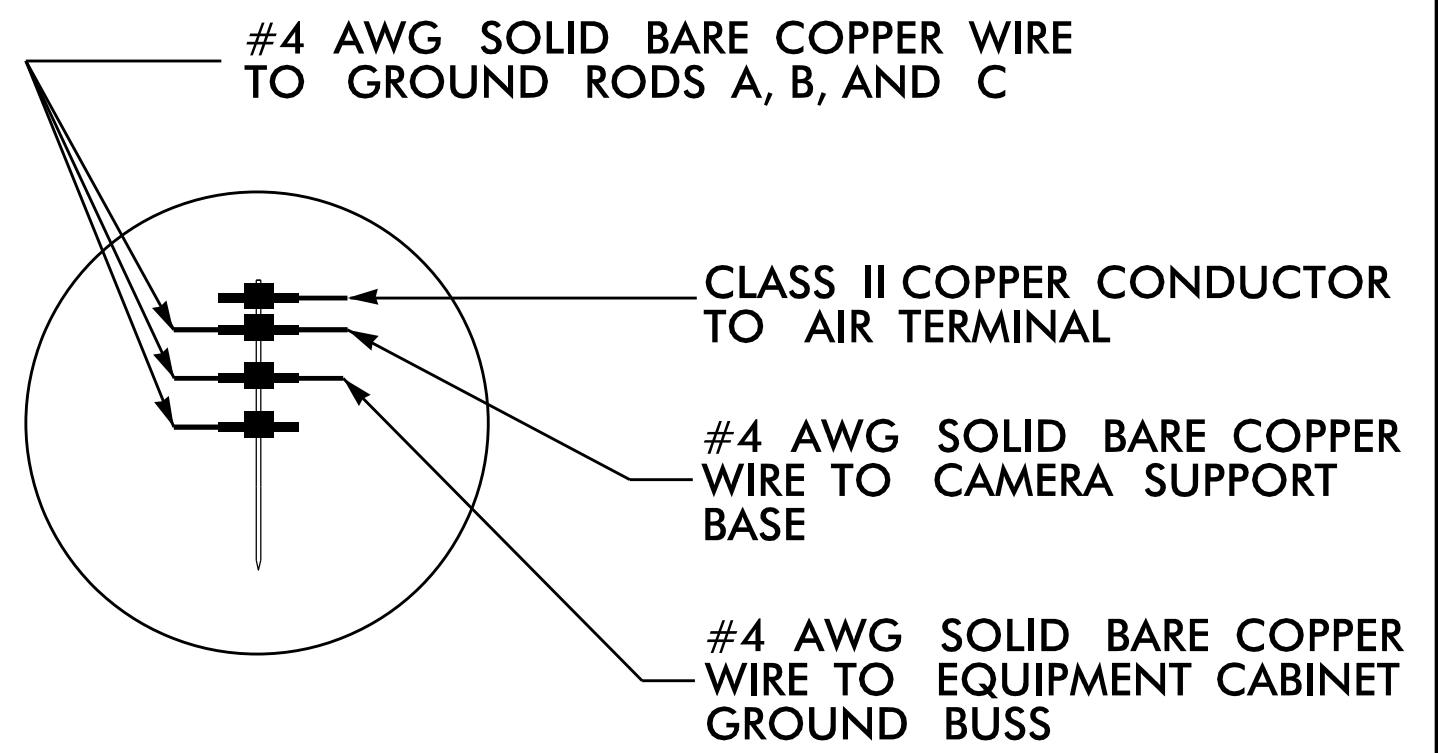
1. BOND CLASS II, 28 STRAND (MINIMUM), 15 AWG (MINIMUM) ROPE-LAY BARE COPPER CONDUCTOR TO THE MAIN GROUND ROD BY AN IRREVERSIBLE MECHANICAL CRIMP. MAINTAIN MAXIMUM HORIZONTAL SEPARATION BETWEEN COPPER CONDUCTOR AND RISER.
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5. REMOVE BONDING JUMPER BETWEEN EQUIPMENT CABINET GROUND BUSS AND NEUTRAL BUSS.

VERTICAL AIR TERMINAL BASE DETAIL

PROJECT REFERENCE NO.	SHEET NO.
I-2513 AC	ITS 15



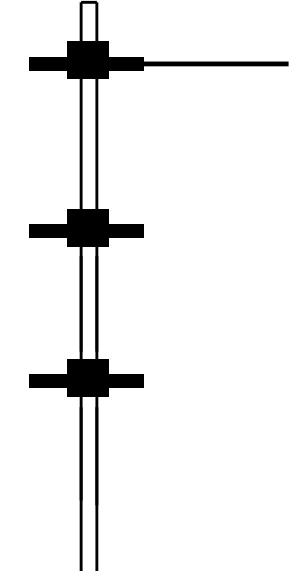
INSET 'A'



INSTALL ELECTRICAL SERVICE POLE
NEAR RIGHT OF WAY OR
AS DIRECTED BY THE ENGINEER.

ALTERNATE GROUNDING METHOD

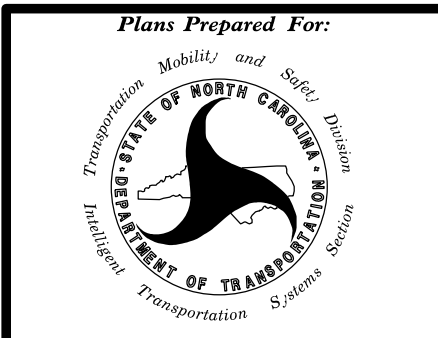
IF SPACE IS NOT AVAILABLE TO DRIVE
MULTIPLE RODS, DRIVE SECTIONAL GROUND
RODS A MINIMUM OF 30 FEET.



JOIN SECTIONAL GROUND RODS BY
IRREVERSIBLE COMPRESSION COUPLER



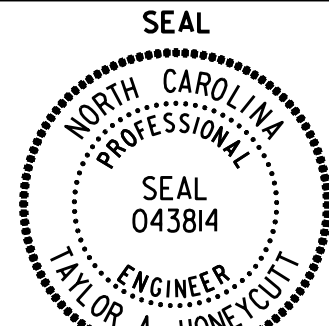
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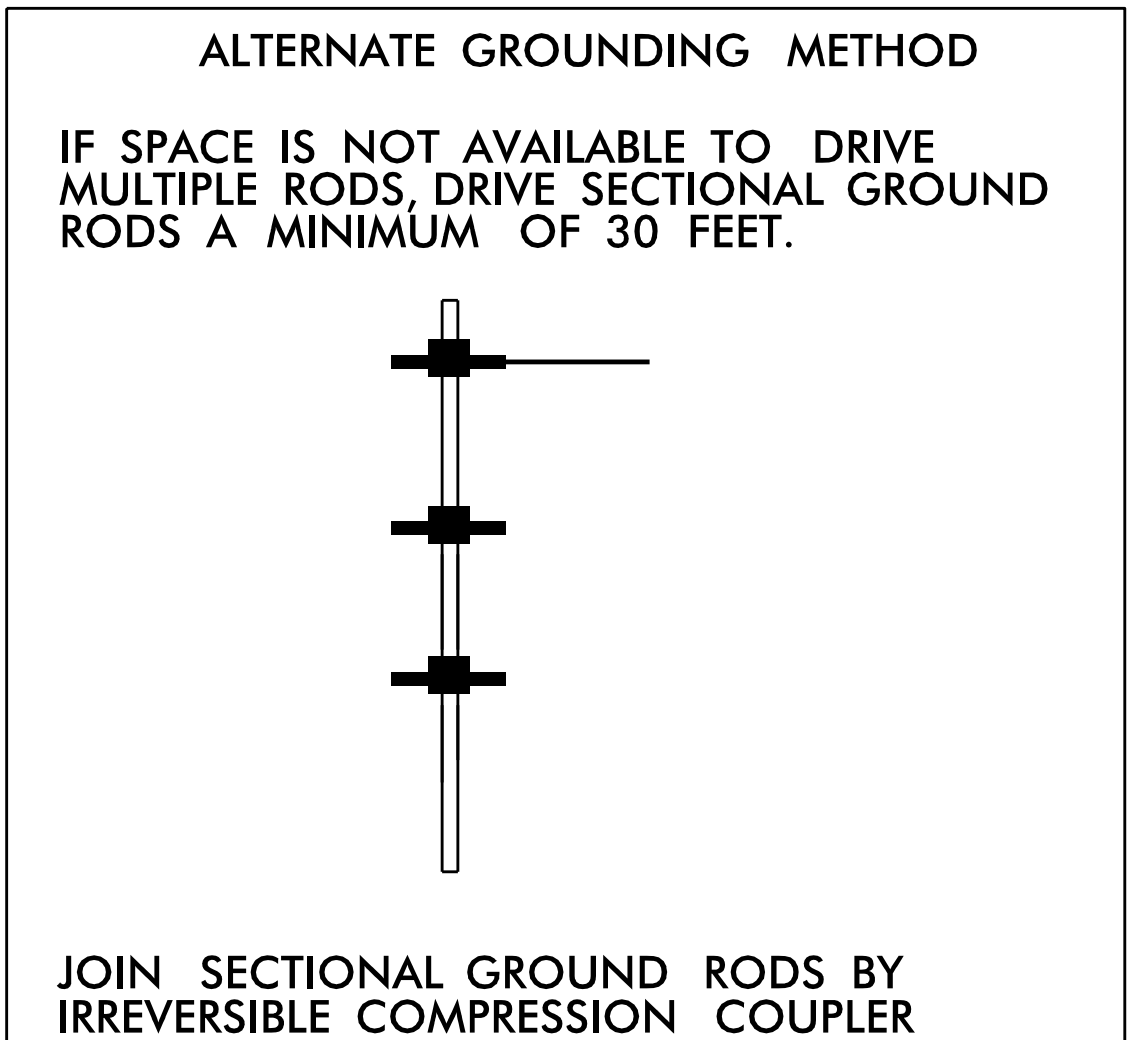
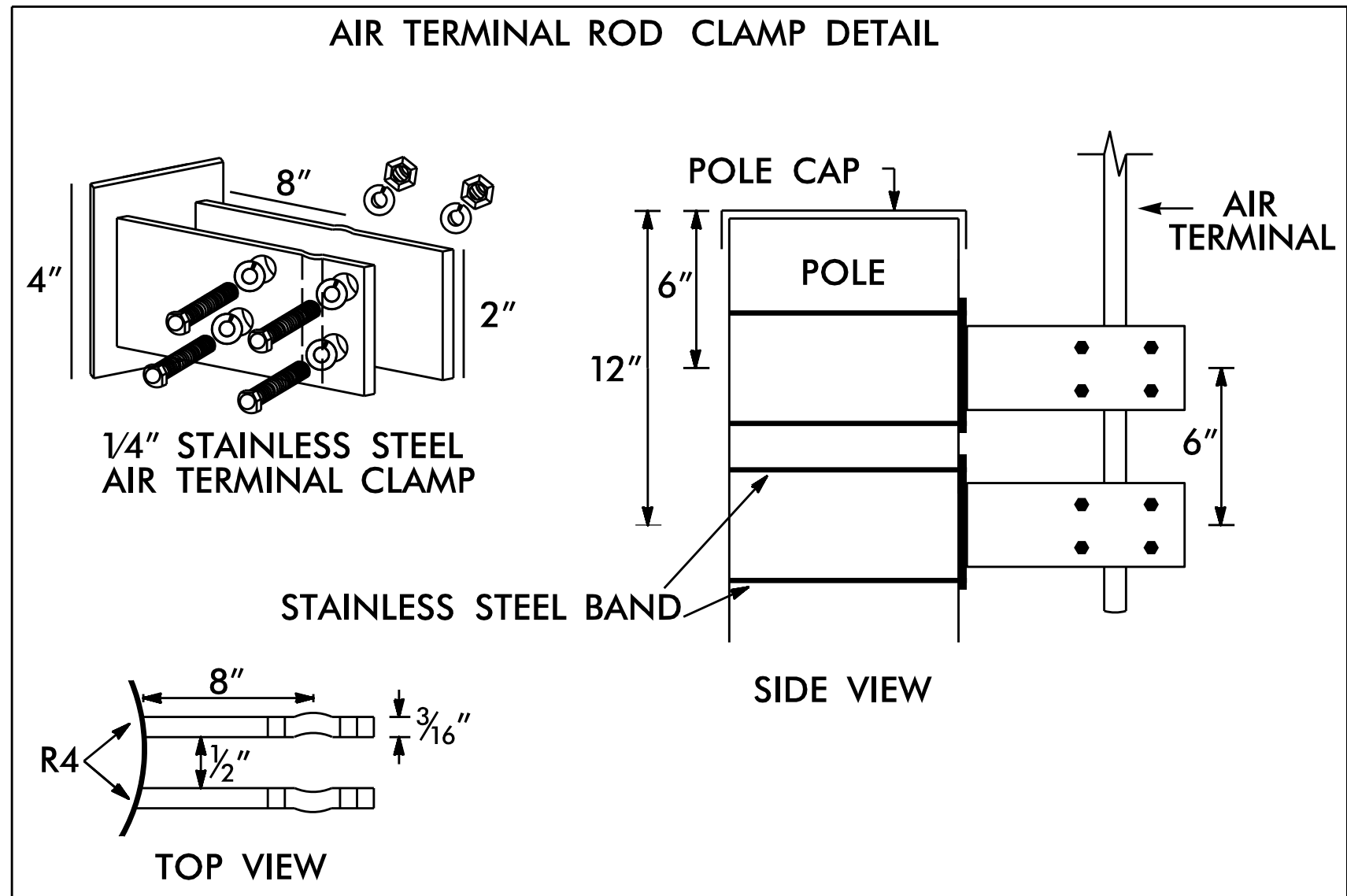
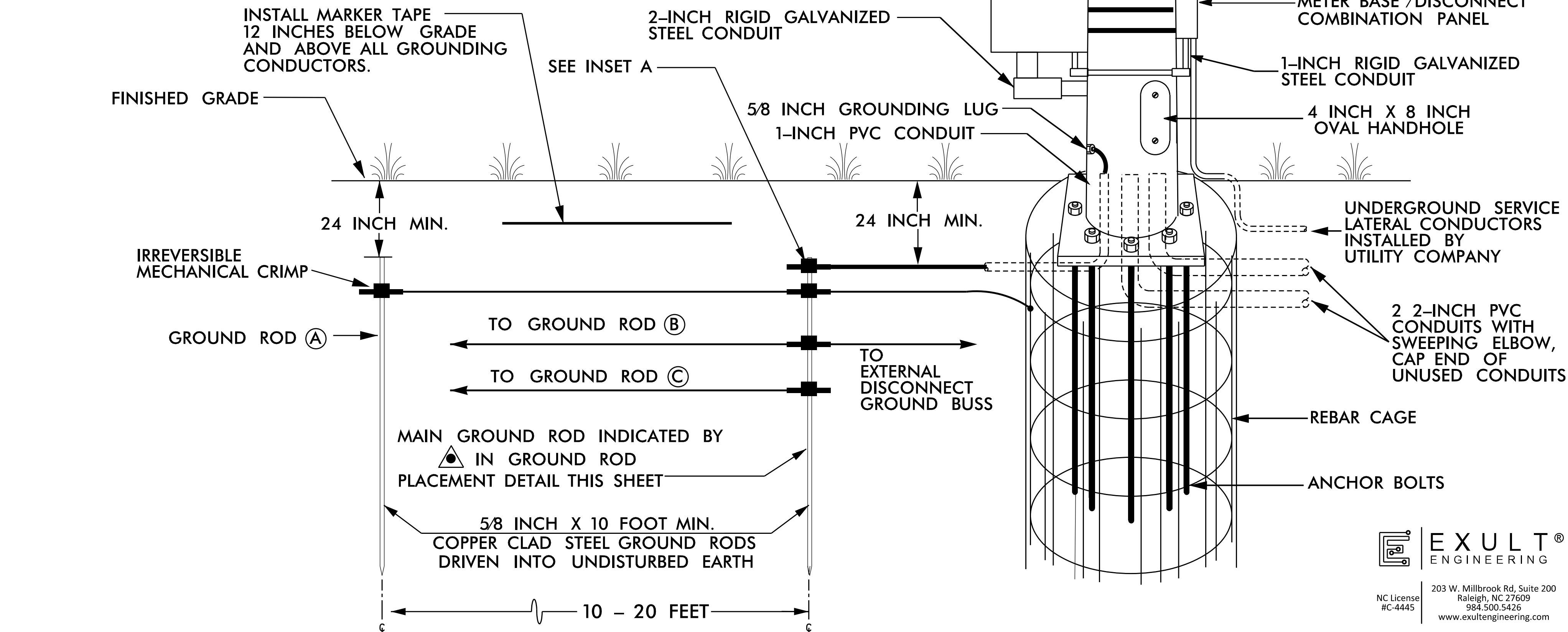
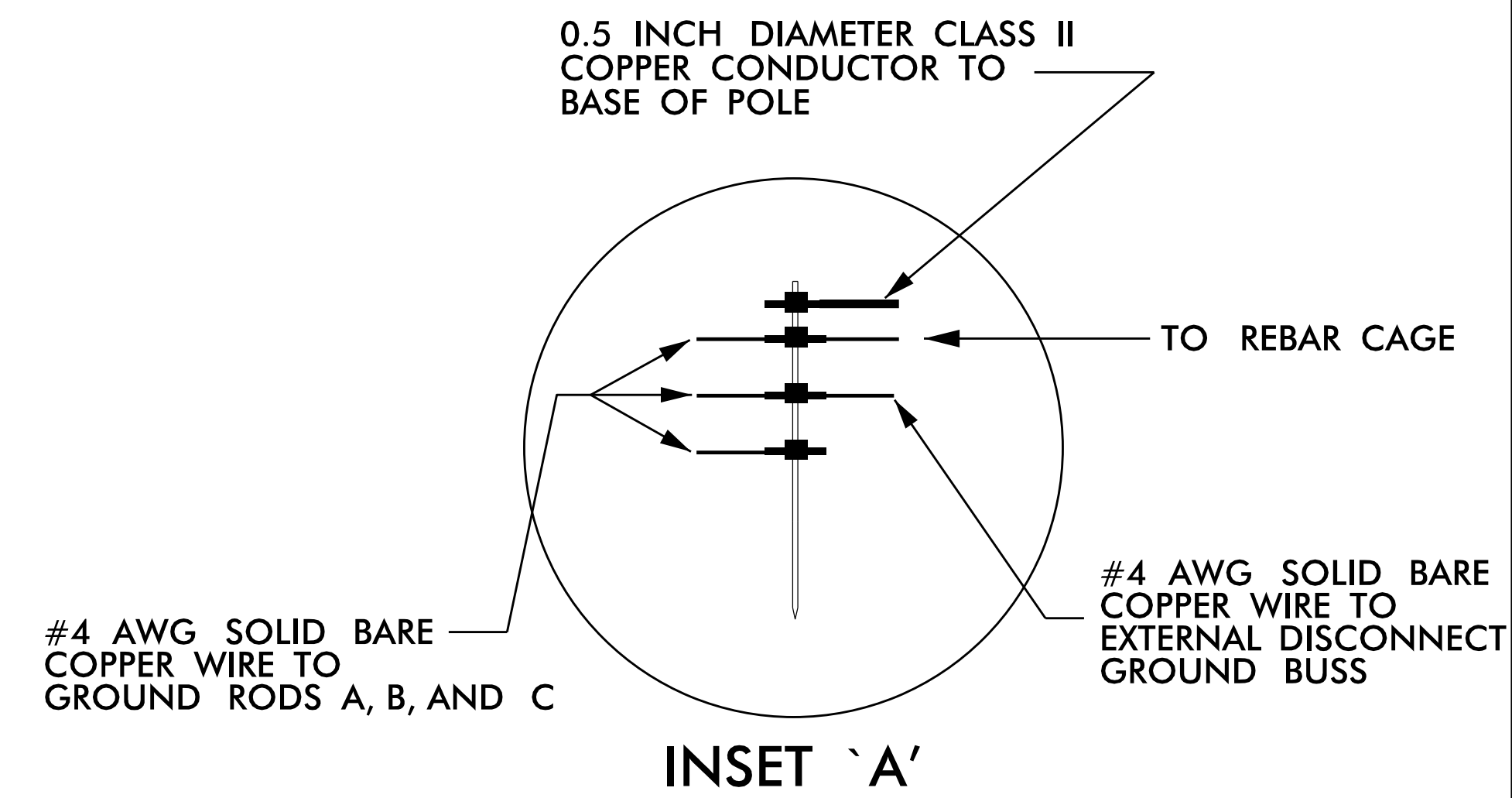
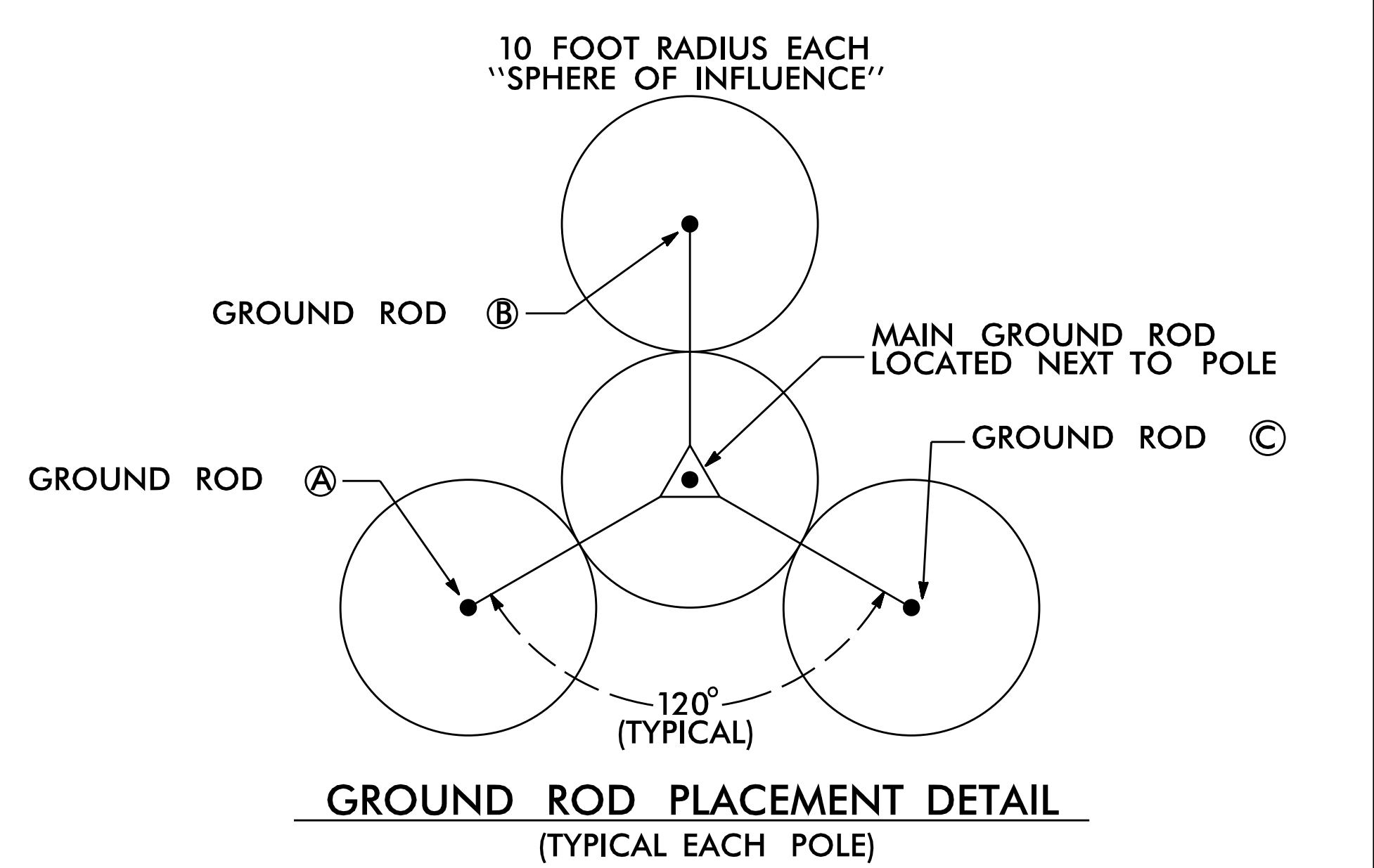
**CCTV CAMERA INSTALLATION
FOR WOOD POLES WITH
AERIAL ELECTRICAL SERVICE**

Division 13	Buncombe County	Asheville
PLAN DATE: August 2026	REVIEWED BY: TA Honeycutt	
PREPARED BY: MR Stanley	REVIEWED BY: CJ Dagerhardt	

REVISIONS	INIT.	DATE

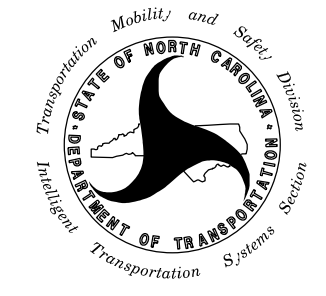


SIGNATURE
DATE



NOTES

1. BOND 0.5 INCH DIAMETER, 28 STRAND (MINIMUM) CLASS II COPPER CONDUCTOR TO THE MAIN GROUND ROD BY AN IRREVERSIBLE MECHANICAL CRIMP METHOD.
2. ALL CONNECTIONS TO GROUND RODS SHOULD BE MADE WITH AN IRREVERSIBLE MECHANICAL CRIMP METHOD.
3. BOND #4 AWG SOLID BARE COPPER WIRE TO REBAR CAGE AND THE MAIN GROUND ROD BY AN IRREVERSIBLE MECHANICAL CRIMP.
4. ENSURE CAMERA HOUSING, CAMERA, AND PAN -TILT UNIT ARE BONDED TO POLE.
5. REMOVE BONDING JUMPER BETWEEN EQUIPMENT CABINET GROUND BUSS AND NEUTRAL BUSS.
6. REFER TO STANDARD DRAWING 1700-2 FOR ALTERNATE GROUND ROD INSTALLATION METHOD AS APPROVED BY THE ENGINEER.
7. INSTALL MARKER TAPE DIRECTLY ABOVE ALL GROUNDING ELECTRODES AND CONDUCTORS AT A DEPTH OF 12 INCHES.

Plans Prepared For:  750 N. Greenfield Place, Garner, NC 27529	CCTV CAMERA INSTALLATION FOR METAL POLE WITH UNDERGROUND ELECTRICAL SERVICE		SEAL  08/11/2026										
	Division 13 Buncombe County Asheville PLAN DATE: August 2026 REVIEWED BY: TA Honeycutt PREPARED BY: MR Stanley REVIEWED BY: CJ Dagerhardt	<table><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><tr><td> </td><td> </td><td> </td></tr></table>		REVISIONS	INIT.	DATE							
REVISIONS	INIT.	DATE											

SCALE: 0 NTS

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LEGEND

EXISTING 24-COUNT FIBER-OPTIC CABLE

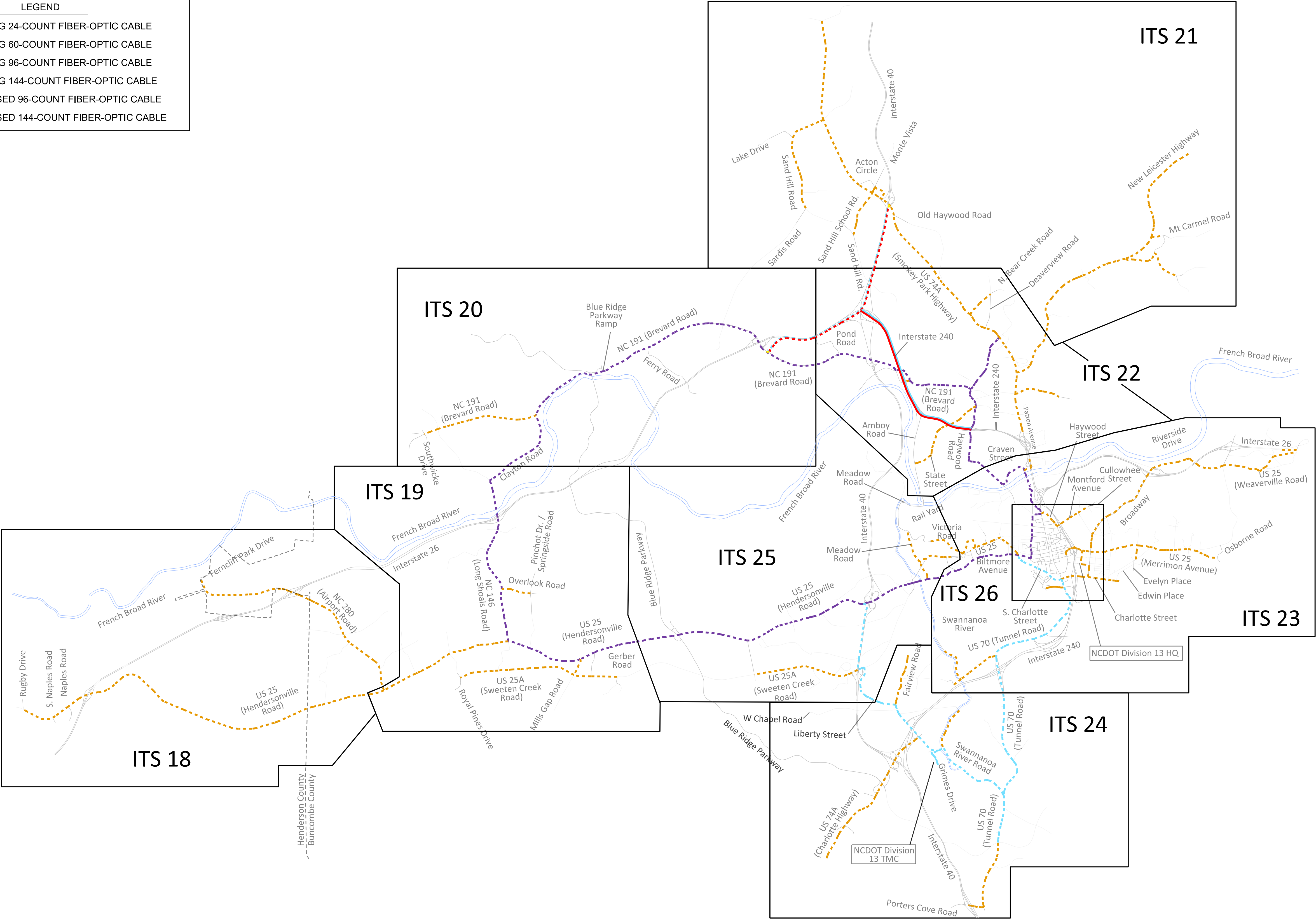
EXISTING 60-COUNT FIBER-OPTIC CABLE

EXISTING 96-COUNT FIBER-OPTIC CABLE

EXISTING 144-COUNT FIBER-OPTIC CABLE

PROPOSED 96-COUNT FIBER-OPTIC CABLE

PROPOSED 144-COUNT FIBER-OPTIC CABLE



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Plans Prepared For:

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

Division 13

750 N. Greenfield Parkway, Garner, NC 27529

0

NTS

I-2513 Splice Schematic					
Division 13 Buncombe County Asheville					
PLAN DATE: August 2026	REVIEWED BY: TA Honeycutt				
PREPARED BY: MR Stanley	REVIEWED BY: CJ Dagerhardt				
REVISIONS	INIT.	DATE			

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TAYLOR A. HONEYCUTT

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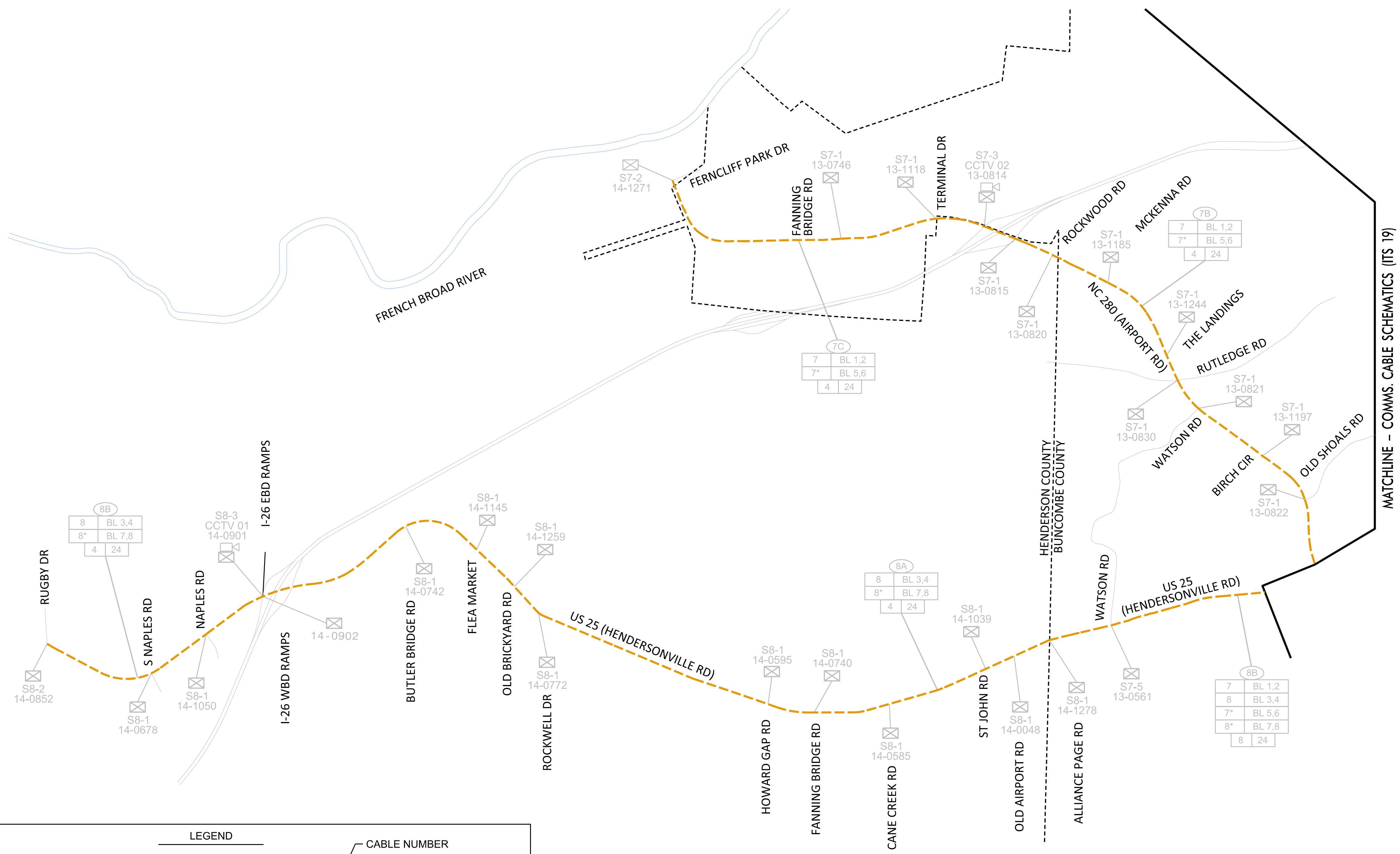
Taylor A. Honeycutt

SIGNATURE

08/11/2026

DATE

NOTES:
1. EXISTING FIBER-OPTIC CABLE THAT IS NOT USED IS NOT SHOWN.



LEGEND

③ CABLE-TO-CABLE SPLICE

Ⓢ END OF CABLE SPLICE (FOR FUTURE SIGNAL)

☒ DROP SPLICE TO SIGNAL CABINET

☒ DROP SPLICE TO CCTV

☒ DROP SPLICE TO SIGNAL CABINET (SHARED SWITCH WITH CCTV)

--- EXISTING 24-COUNT FIBER-OPTIC CABLE

S#-## SPLICE NUMBER

COA-### CITY SIGNAL INVENTORY NUMBER

13-#### STATE SIGNAL INVENTORY NUMBER

CABLE NUMBER

20G	
20	OR 1,2
20*	OR 3,4
21	OR 7,8
21*	OR 9,10
8	36

CHANNEL'S RING PATH HAS BEEN MODIFIED/ADDED

FIBERS USED FOR EACH RING

TOTAL FIBERS IN CABLE

LIT FIBERS IN CABLE

* DENOTES SECONDARY PATH

RING ID SUFFIX:

F INDICATES RING ID ROUTE AND FIBER ALLOCATION FOR FUTURE FIBER NETWORK EXPANSION. FIBERS NOT LIT IN THIS PROJECT.

T INDICATES TEMPORARY RING ID ROUTE AND FIBER ALLOCATION BEFORE FUTURE FIBER NETWORK EXPANSION. FIBERS TO BE LIT IN THIS PROJECT.

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Plans Prepared For:

750 N. Greenfield Place, Garner, NC 27529

I-2513 Splice Schematic

Division 13 Buncombe County Asheville

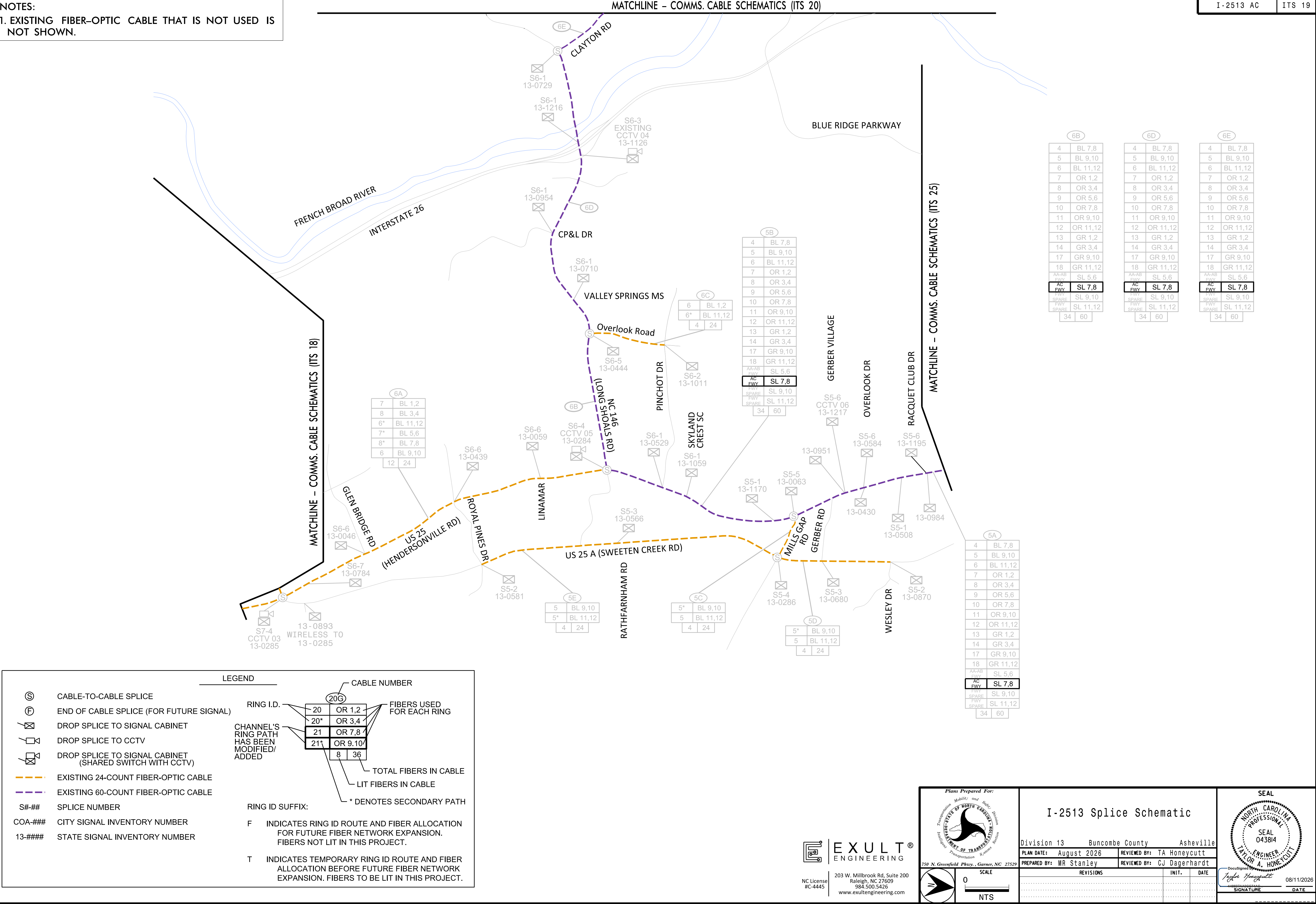
PLAN DATE: August 2026	REVIEWED BY: TA Honeycutt
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REVISIONS	INIT.	DATE

SEAL

8/11/2026

NOTES:
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③ CABLE-TO-CABLE SPLICE

Ⓣ END OF CABLE SPLICE (FOR FUTURE SIGNAL)

ⓧ DROP SPLICE TO SIGNAL CABINET

ⓧ DROP SPLICE TO CCTV

ⓧ DROP SPLICE TO SIGNAL CABINET (SHARED SWITCH WITH CCTV)

--- EXISTING 24-COUNT FIBER-OPTIC CABLE

--- EXISTING 60-COUNT FIBER-OPTIC CABLE

S#-## SPLICE NUMBER

COA-### CITY SIGNAL INVENTORY NUMBER

13-#### STATE SIGNAL INVENTORY NUMBER

LEGEND

CABLE NUMBER

RING I.D.

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20C

20	OR 1,2
20*	OR 3,4
21	OR 7,8
21*	OR 9,10

8 36

* DENOTES SECONDARY PATH

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Division 13

I-2513 Splice Schematic

Division 13 Buncombe County Asheville

PLAN DATE: August 2026 REVIEWED BY: TA Honeycutt

PREPARED BY: MR Stanley REVIEWED BY: CJ Dagerhardt

REVISIONS	INIT.	DATE

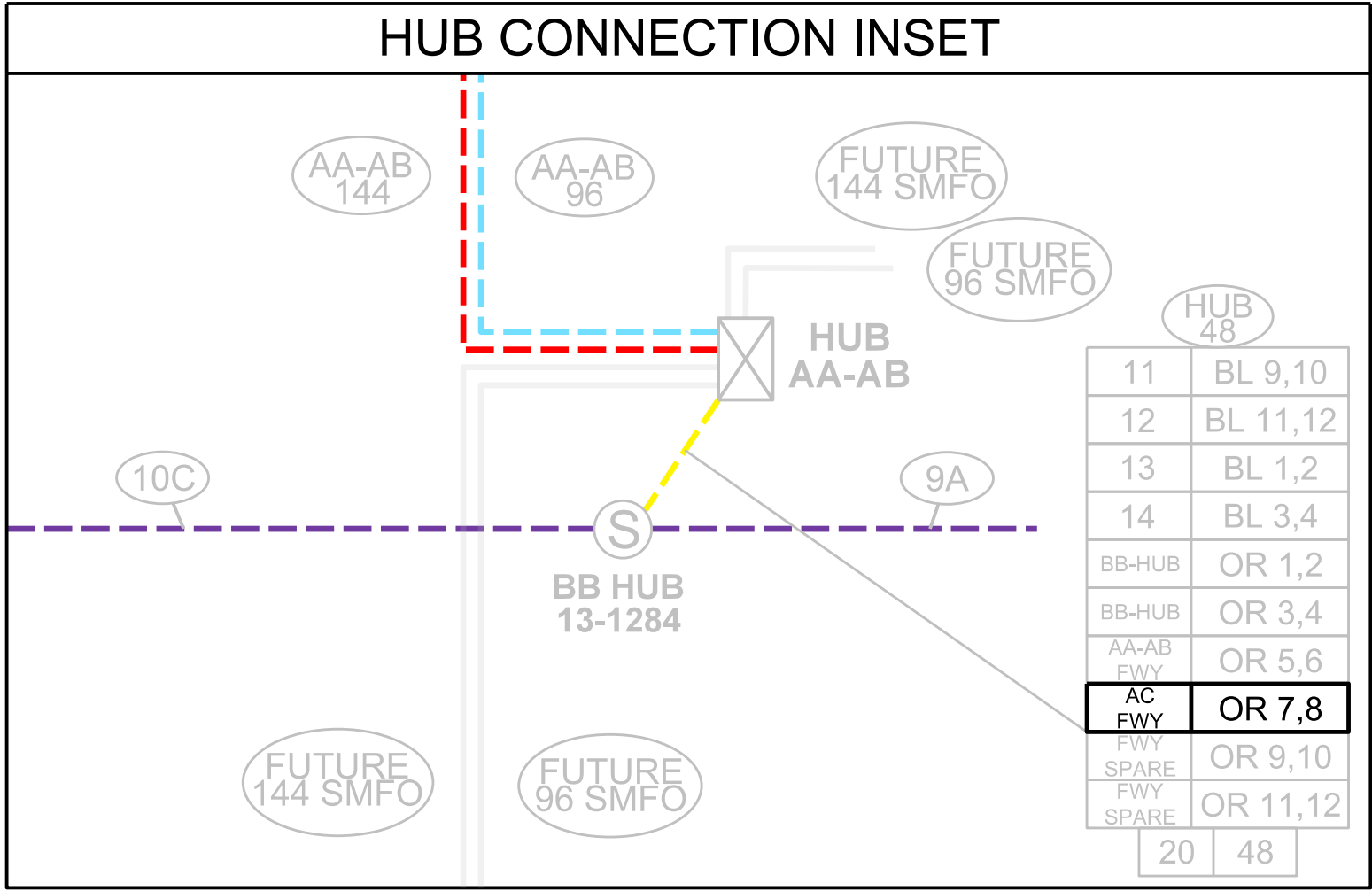
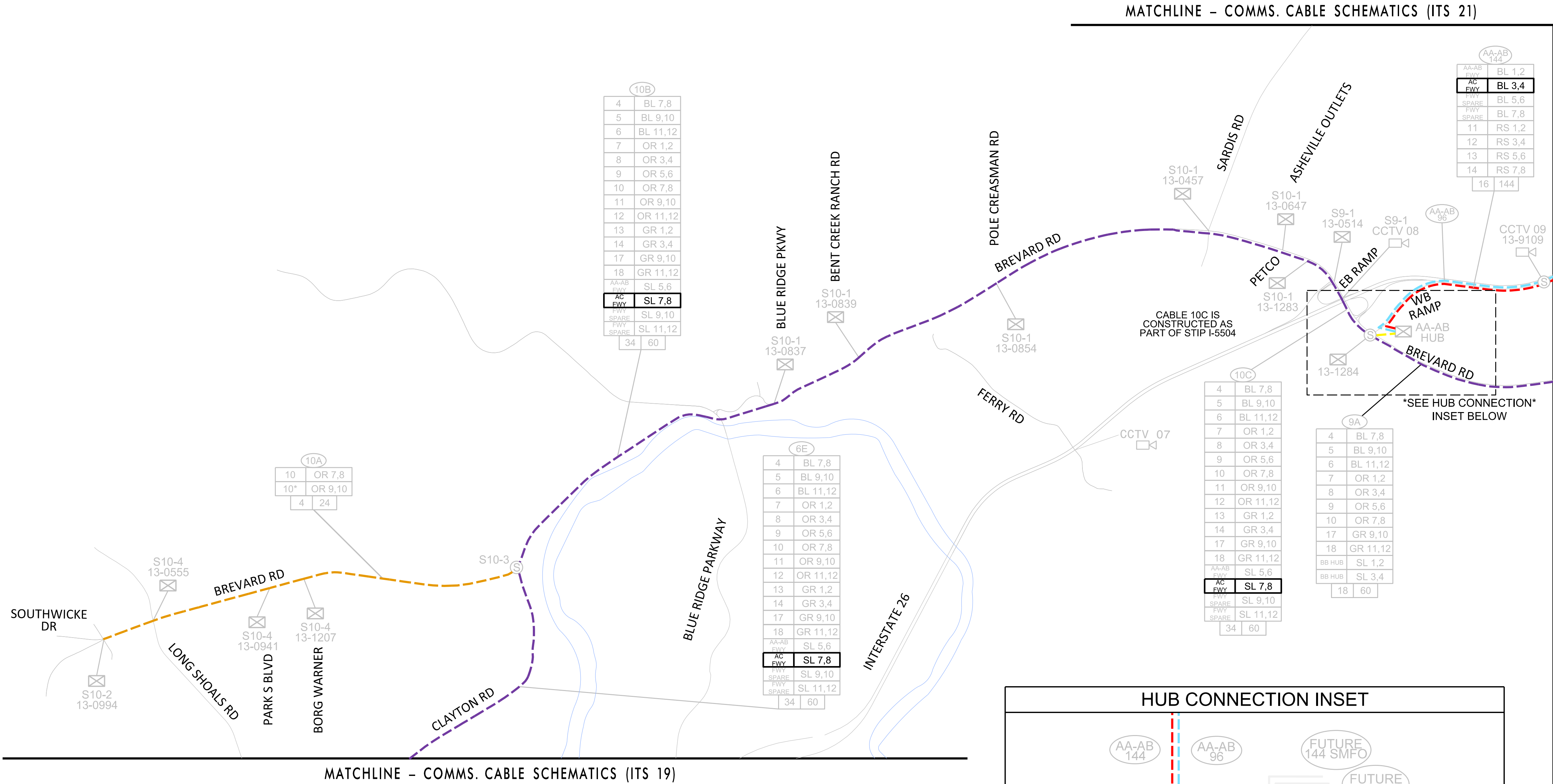
SEAL

NORTH CAROLINA PROFESSIONAL SEAL 043814

TAYLOR A. HONEYCUTT

08/11/2026

NOTES:
1. EXISTING FIBER-OPTIC CABLE THAT IS NOT USED IS NOT SHOWN.



LEGEND

- ③ CABLE-TO-CABLE SPLICE
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- ⓧ DROP SPLICE TO CCTV
- ⓧ DROP SPLICE TO SIGNAL CABINET (SHARED SWITCH WITH CCTV)
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- EXISTING 60-COUNT FIBER-OPTIC CABLE
- EXISTING 48-COUNT FIBER-OPTIC CABLE
- EXISTING 96-COUNT FIBER-OPTIC CABLE
- EXISTING 144-COUNT FIBER-OPTIC CABLE
- S#-## SPLICE NUMBER
- COA-### CITY SIGNAL INVENTORY NUMBER
- 13-#### STATE SIGNAL INVENTORY NUMBER

CABLE NUMBER

20	OR 1,2
20*	OR 3,4
21	OR 7,8
21*	OR 9,10
8	36

FIBERS USED FOR EACH RING

TOTAL FIBERS IN CABLE

LIT FIBERS IN CABLE

* DENOTES SECONDARY PATH

RING ID SUFFIX:

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Plans Prepared For:

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SCALE

0 NTS

I-2513 Splice Schematic

Division 13 Buncombe County Asheville

PLAN DATE: August 2026 REVIEWED BY: TA Honeycutt

PREPARED BY: MR Stanley REVIEWED BY: CJ Dagerhardt

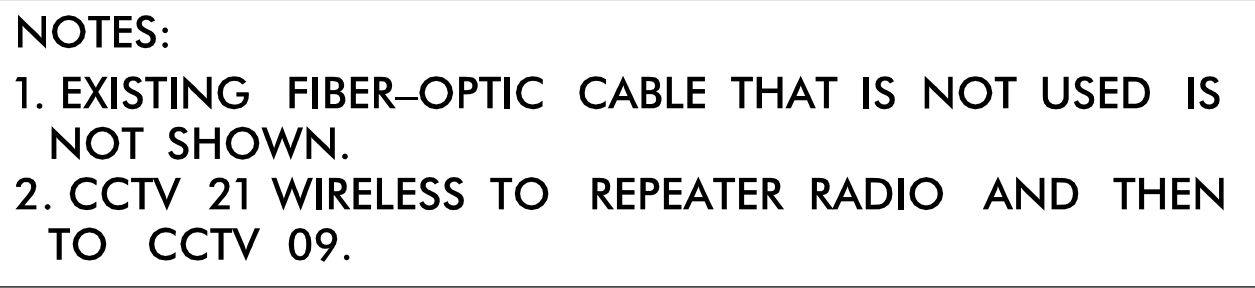
REVISIONS	INIT.	DATE

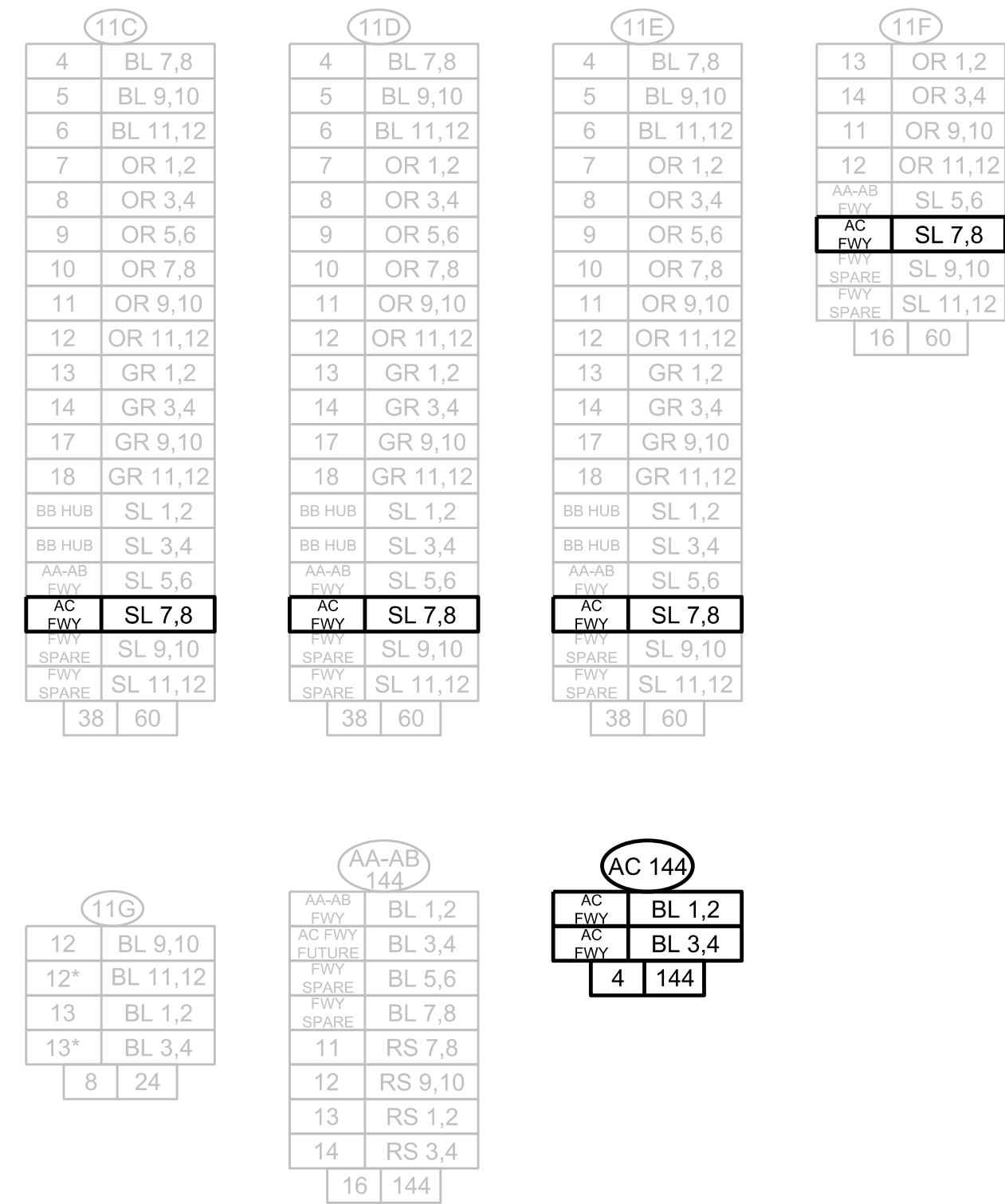
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Taylor A. Honeycutt
Professional Engineer
08/11/2026

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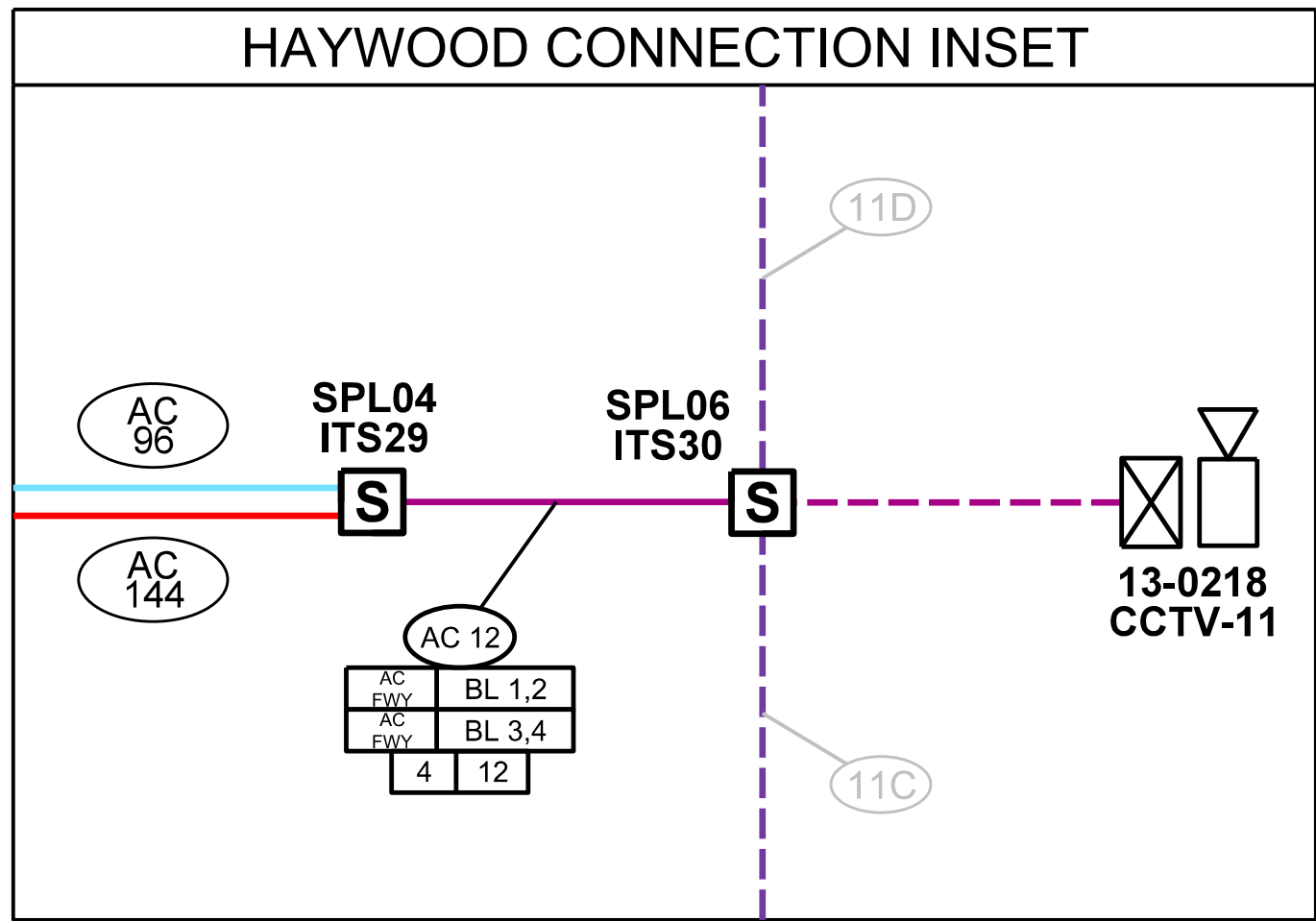
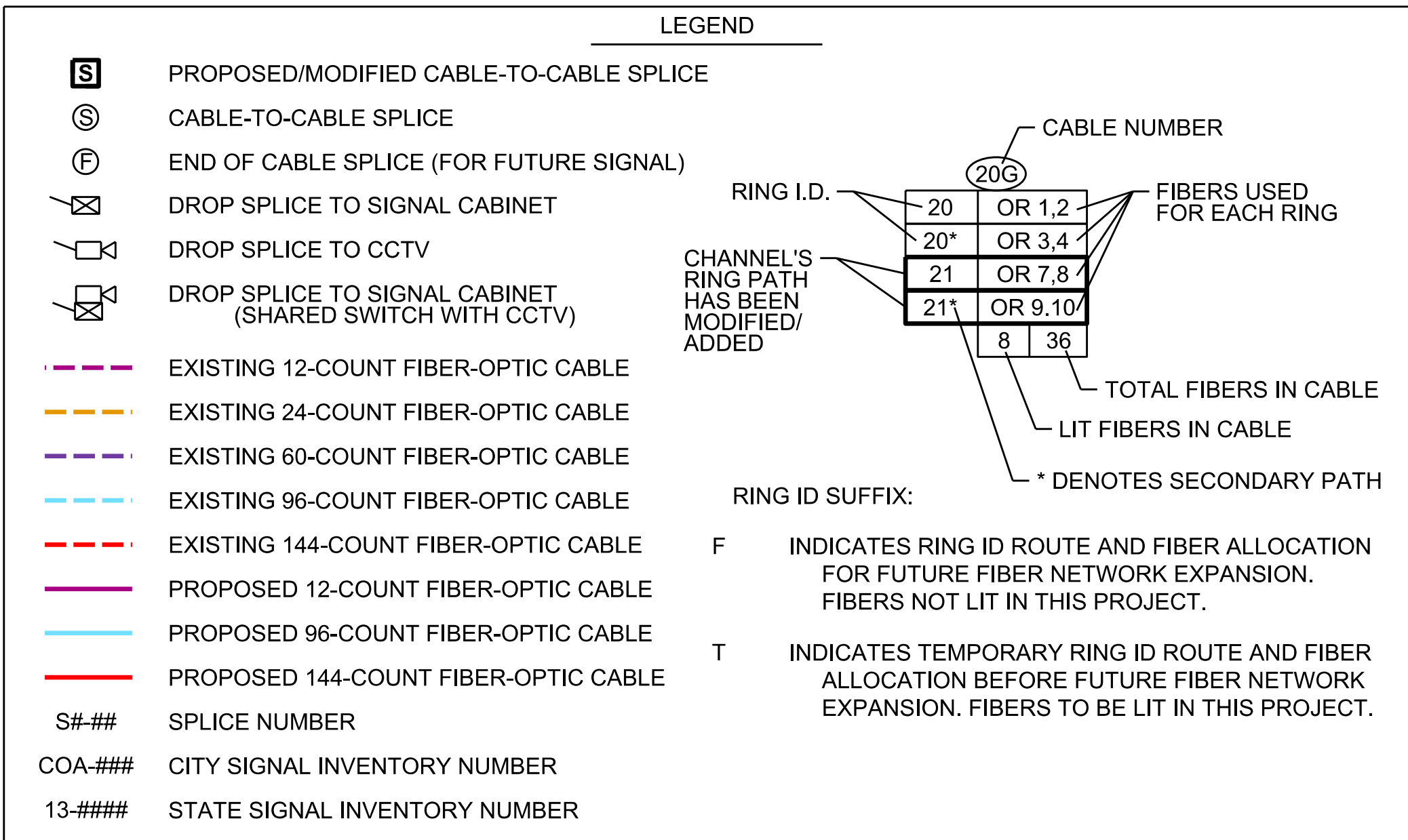
SIGNATURE DATE





NOTES:

1. EXISTING FIBER-OPTIC CABLE THAT IS NOT USED IS NOT SHOWN.

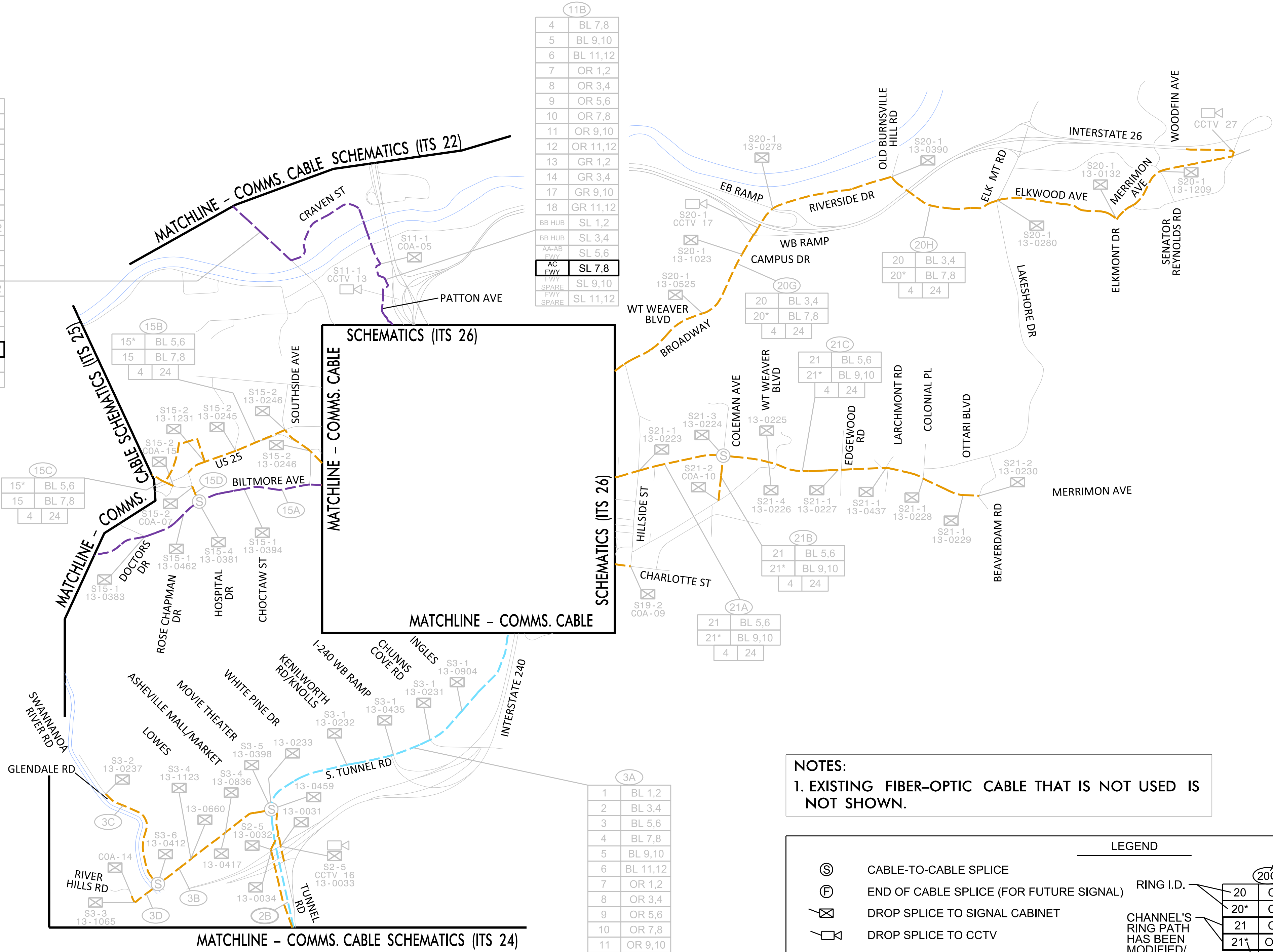


15A		
1	BL	1,2
2	BL	3,4
3	BL	5,6
15	GR	5,6
16	GR	7,8
19	BR	1,2
20	BR	3,4
21	BR	5,6
D1	BR	7,8
D2	BR	9,10
20		60

15D		
15*	BL	5,6
15	BL	7,8
4		24

11C		
4	BL	7,8
5	BL	9,10
6	BL	11,12
7	OR	1,2
8	OR	3,4
9	OR	5,6
10	OR	7,8
11	OR	9,10
12	OR	11,12
13	GR	1,2
14	GR	3,4
17	GR	9,10
18	GR	11,12
BB HUB	SL	1,2
BB HUB	SL	3,4
AA-AB	SL	5,6
AC	FWY	SL 7,8
FWY	FWY	SL 9,10
SPARE	FWY	SL 11,12
SPARE		
38		60

11B		
4	BL	7,8
5	BL	9,10
6	BL	11,12
7	OR	1,2
8	OR	3,4
9	OR	5,6
10	OR	7,8
11	OR	9,10
12	OR	11,12
13	GR	1,2
14	GR	3,4
17	GR	9,10
18	GR	11,12
BB HUB	SL	1,2
BB HUB	SL	3,4
AA-AB	SL	5,6
AC	FWY	SL 7,8
FWY	FWY	SL 9,10
SPARE	FWY	SL 11,12
SPARE		



NOTES:
1. EXISTING FIBER-OPTIC CABLE THAT IS NOT USED IS NOT SHOWN.

LEGEND

- ⊙ CABLE-TO-CABLE SPLICE
- ⊕ END OF CABLE SPLICE (FOR FUTURE SIGNAL)
- ⊗ DROP SPLICE TO SIGNAL CABINET
- ⊗ DROP SPLICE TO CCTV
- ⊗ DROP SPLICE TO SIGNAL CABINET (SHARED SWITCH WITH CCTV)
- EXISTING 24-COUNT FIBER-OPTIC CABLE
- EXISTING 60-COUNT FIBER-OPTIC CABLE
- EXISTING 96-COUNT FIBER-OPTIC CABLE
- S#-## SPLICE NUMBER
- COA-### CITY SIGNAL INVENTORY NUMBER
- 13-#### STATE SIGNAL INVENTORY NUMBER

RING I.D.

CHANNEL'S RING PATH HAS BEEN MODIFIED/ADDED

RING ID SUFFIX:

F INDICATES RING ID ROUTE AND FIBER ALLOCATION FOR FUTURE FIBER NETWORK EXPANSION. FIBERS NOT LIT IN THIS PROJECT.

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CABLE NUMBER

20	OR 1,2
20*	OR 3,4
21	OR 7,8
21*	OR 9,10
8	36

TOTAL FIBERS IN CABLE

LIT FIBERS IN CABLE

* DENOTES SECONDARY PATH

2B		
1	BL	1,2
2	BL	3,4
3	BL	5,6
4	BL	7,8
5	BL	9,10
6	BL	11,12
7	OR	1,2
8	OR	3,4
9	OR	5,6
10	OR	7,8
11	OR	9,10
12	OR	11,12
13	GR	1,2
14	GR	3,4
15	GR	5,6
16	GR	7,8
17	GR	9,10
18	GR	11,12
19	BR	1,2
20	BR	3,4
21	BR	5,6
D1	BR	7,8
D2	BR	9,10
BB HUB	SL	1,2
BB HUB	SL	3,4
AA-AB	SL	5,6
AC	FWY	SL 7,8
FWY	FWY	SL 9,10
SPARE	FWY	SL 11,12
SPARE		
58		96

3B		
3	BL	5,6
3*	BL	7,8
4		24

3C		
3	BL	5,6
3*	BL	7,8
4		24

3D		
3	BL	5,6
3*	BL	7,8
4		24

INV. NO.	MINOR STREET NAME
13-0031	I-240 EB OFF
13-0032	I-240 EB ON
13-0033	I-240 WB ON
13-0034	I-240 WB OFF
13-0417	WHOLE FOODS
13-0660	BEST BUY/OVERLOOK VILLAGE
13-1065	WOOD AVENUE
COA-07	VICTORIA RD
13-0247	SHORT COXE AVE
13-1231	HOSPITAL DR
COA-15	LILY CARMICHAEL DR
13-0245	CHOCTAW RD

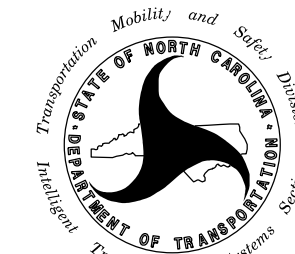
3A		
1	BL	1,2
2	BL	3,4
3	BL	5,6
4	BL	7,8
5	BL	9,10
6	BL	11,12
7	OR	1,2
8	OR	3,4
9	OR	5,6
10	OR	7,8
11	OR	9,10
12	OR	11,12
13	GR	1,2
14	GR	3,4
15	GR	5,6
16	GR	7,8
17	GR	9,10
18	GR	11,12
19	BR	1,2
20	BR	3,4
21	BR	5,6
D1	BR	7,8
D2	BR	9,10
BB HUB	SL	1,2
BB HUB	SL	3,4
AA-AB	SL	5,6
AC	FWY	SL 7,8
FWY	FWY	SL 9,10
SPARE	FWY	SL 11,12
SPARE		
58		96



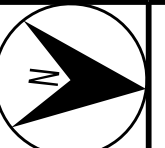
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Plans Prepared For:



750 N. Greenfield Place, Garner, NC 27529



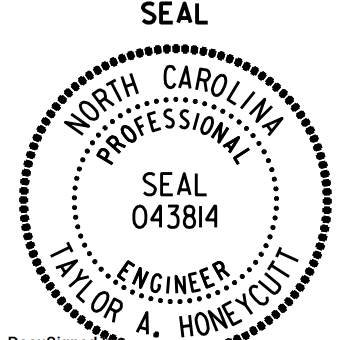
I-2513 Splice Schematic

Division 13 Buncombe County Asheville

PLAN DATE: August 2026	REVIEWED BY: TA Honeycutt
PREPARED BY: MR Stanley	REVIEWED BY: CJ Dagerhardt

REVISIONS	INIT.	DATE

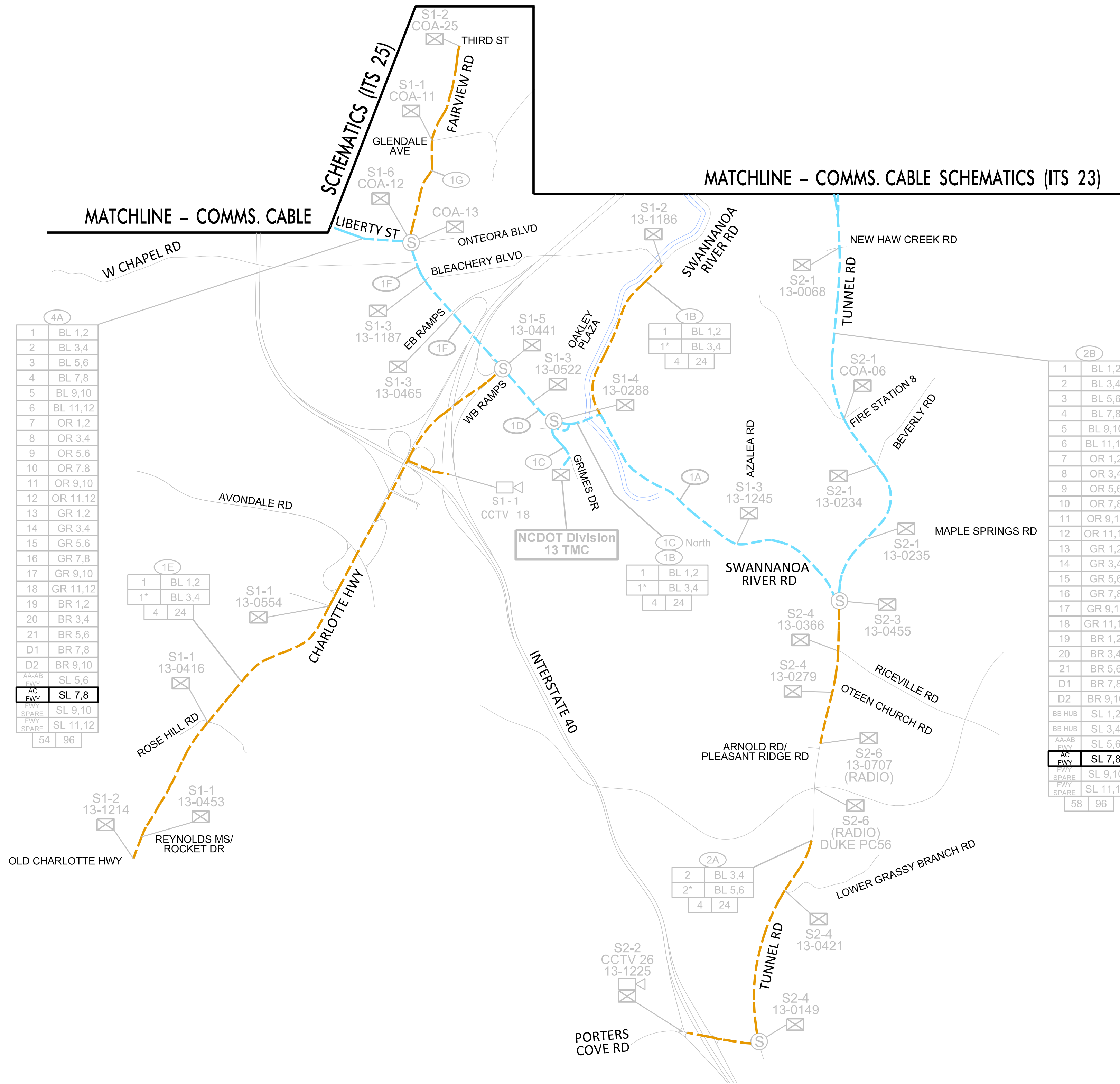
SEAL



TAYLOR A. HONEYCUTT

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08/11/2026



1A	
1	BL 1,2
2	BL 3,4
3	BL 5,6
4	BL 7,8
5	BL 9,10
6	BL 11,12
7	OR 1,2
8	OR 3,4
9	OR 5,6
10	OR 7,8
11	OR 9,10
12	OR 11,12
13	OR 1,2
14	GR 3,4
15	GR 5,6
16	GR 7,8
17	GR 9,10
18	GR 11,12
19	BR 1,2
20	BR 3,4
21	BR 5,6
D1	BR 7,8
D2	BR 9,10
BB HUB	SL 1,2
AA-AB	SL 3,4
AA-AB	SL 5,6
AC Fwy	SL 7,8
FWY	SL 9,10
SPARE	SL 11,12
FWY	SL 11,12
SPARE	
58	96

1C	
South	
1	BL 1,2
2	BL 3,4
3	BL 5,6
4	BL 7,8
5	BL 9,10
6	BL 11,12
7	OR 1,2
8	OR 3,4
9	OR 5,6
10	OR 7,8
11	OR 9,10
12	OR 11,12
13	GR 1,2
14	GR 3,4
15	GR 5,6
16	GR 7,8
17	GR 9,10
18	GR 11,12
19	BR 1,2
20	BR 3,4
21	BR 5,6
D1	BR 7,8
D2	BR 9,10
BB HUB	SL 1,2
AA-AB	SL 3,4
AA-AB	SL 5,6
AC Fwy	SL 7,8
FWY	SL 9,10
SPARE	SL 11,12
FWY	SL 11,12
SPARE	
54	96

1D	
North	
1	BL 1,2
2	BL 3,4
3	BL 5,6
4	BL 7,8
5	BL 9,10
6	BL 11,12
7	OR 1,2
8	OR 3,4
9	OR 5,6
10	OR 7,8
11	OR 9,10
12	OR 11,12
13	GR 1,2
14	GR 3,4
15	GR 5,6
16	GR 7,8
17	GR 9,10
18	GR 11,12
19	BR 1,2
20	BR 3,4
21	BR 5,6
D1	BR 7,8
D2	BR 9,10
BB HUB	SL 1,2
AA-AB	SL 3,4
AA-AB	SL 5,6
AC Fwy	SL 7,8
FWY	SL 9,10
SPARE	SL 11,12
FWY	SL 11,12
SPARE	
58	96

1E	
1	BL 1,2
2	BL 3,4
3	BL 5,6
4	BL 7,8
5	BL 9,10
6	BL 11,12
7	OR 1,2
8	OR 3,4
9	OR 5,6
10	OR 7,8
11	OR 9,10
12	OR 11,12
13	GR 1,2
14	GR 3,4
15	GR 5,6
16	GR 7,8
17	GR 9,10
18	GR 11,12
19	BR 1,2
20	BR 3,4
21	BR 5,6
D1	BR 7,8
D2	BR 9,10
BB HUB	SL 1,2
AA-AB	SL 3,4
AA-AB	SL 5,6
AC Fwy	SL 7,8
FWY	SL 9,10
SPARE	SL 11,12
FWY	SL 11,12
SPARE	
54	96

1F	
1	BL 1,2
2	BL 3,4
3	BL 5,6
4	BL 7,8
5	BL 9,10
6	BL 11,12
7	OR 1,2
8	OR 3,4
9	OR 5,6
10	OR 7,8
11	OR 9,10
12	OR 11,12
13	GR 1,2
14	GR 3,4
15	GR 5,6
16	GR 7,8
17	GR 9,10
18	GR 11,12
19	BR 1,2
20	BR 3,4
21	BR 5,6
D1	BR 7,8
D2	BR 9,10
BB HUB	SL 1,2
AA-AB	SL 3,4
AA-AB	SL 5,6
AC Fwy	SL 7,8
FWY	SL 9,10
SPARE	SL 11,12
FWY	SL 11,12
SPARE	
54	96

1G	
1	BL 1,2
1*	BL 3,4
4	24

NOTES:
1. EXISTING FIBER-OPTIC CABLE THAT IS NOT USED IS NOT SHOWN.

S PROPOSED/MODIFIED CABLE-TO-CABLE SPLICE

S CABLE-TO-CABLE SPLICE

F END OF CABLE SPLICE (FOR FUTURE SIGNAL)

DROP SPLICE TO SIGNAL CABINET

DROP SPLICE TO CCTV

DROP SPLICE TO SIGNAL CABINET (SHARED SWITCH WITH CCTV)

EXISTING 24-COUNT FIBER-OPTIC CABLE

EXISTING 96-COUNT FIBER-OPTIC CABLE

S#-## SPLICE NUMBER

COA-#### CITY SIGNAL INVENTORY NUMBER

13-#### STATE SIGNAL INVENTORY NUMBER

LEGEND

CABLE NUMBER

RING I.D.

CHANNEL'S RING PATH HAS BEEN MODIFIED/ADDED

TOTAL FIBERS IN CABLE

LIT FIBERS IN CABLE

* DENOTES SECONDARY PATH

RING ID SUFFIX:

F INDICATES RING ID ROUTE AND FIBER ALLOCATION FOR FUTURE FIBER NETWORK EXPANSION. FIBERS NOT LIT IN THIS PROJECT.

T INDICATES TEMPORARY RING ID ROUTE AND FIBER ALLOCATION BEFORE FUTURE FIBER NETWORK EXPANSION. FIBERS TO BE LIT IN THIS PROJECT.

20G

20	OR 1,2
20*	OR 3,4
21	OR 7,8
21*	OR 9,10
8	36

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203 W. Millbrook Rd, Suite 200
Raleigh, NC 27609
984.500.5425
www.exultengineering.com

NC License
#C-4445

Plans Prepared For:

STATE OF NORTH CAROLINA

Department of Transportation

759 N. Greenfield Pkwy., Garner, NC 27529

SCALE

0

NTS

I-2513 Splice Schematic

Division 13 Buncombe County Asheville

PLAN DATE: August 2026 REVIEWED BY: TA Honeycutt

PREPARED BY: MR Stanley REVIEWED BY: CJ Dagerhardt

REVISIONS	INIT.	DATE

SEAL

NORTH CAROLINA

PROFESSIONAL

SEAL 043814

TA OR A. HONEYCUTT

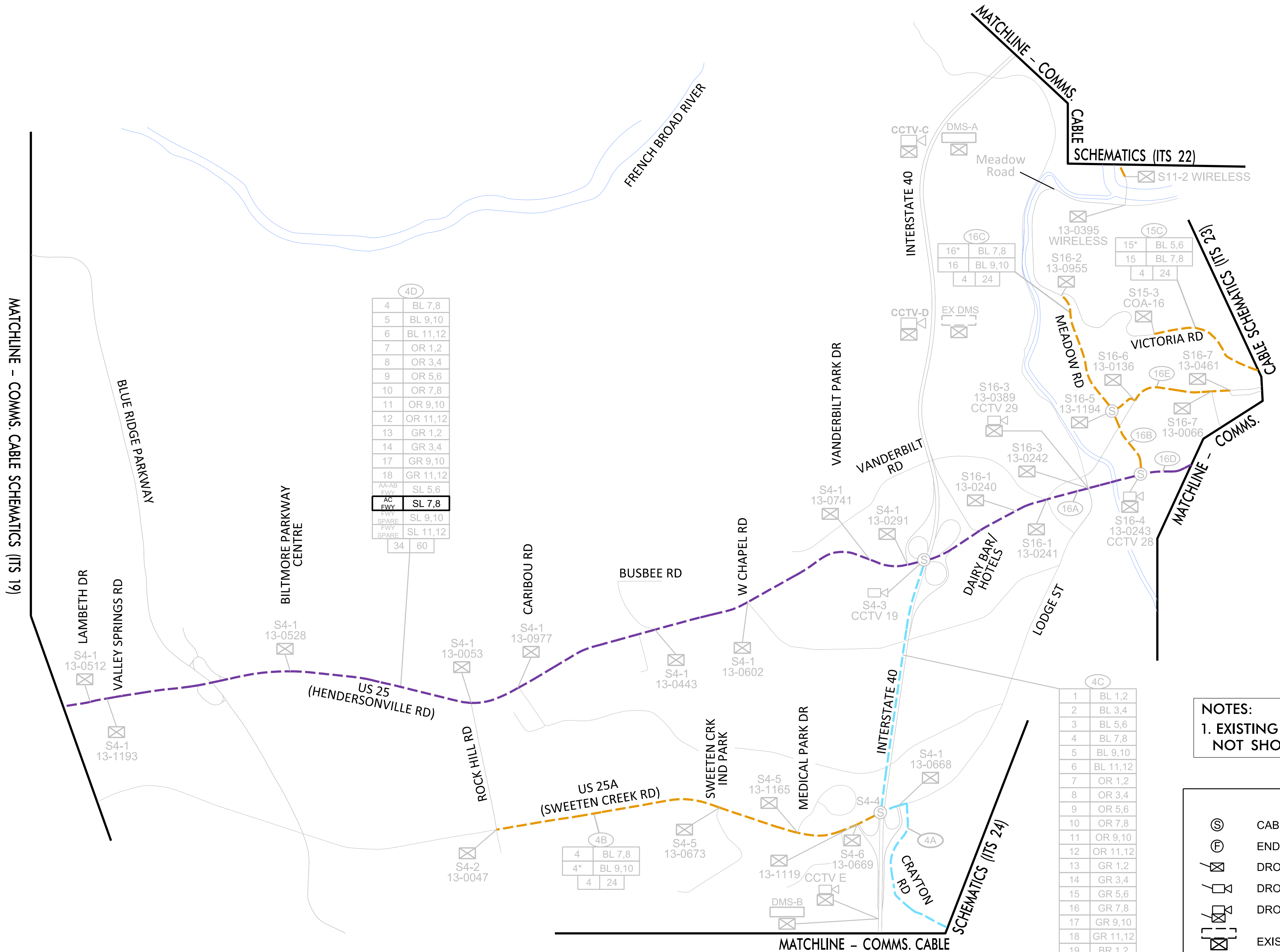
DocuSign

TA Honeycutt

SIGNATURE DATE

08/11/2026

PROJECT REFERENCE NO.	SHEET NO.
I-2513 AC	ITS 25



INV. NO.	MINOR STREET NAME
COA-16	FERNIHURST DR
13-0136	SHORT MCDOWELL ST
13-0241	VANDERBILT RD/ ALL SOULS CRESCENT
13-1194	SHORT MCDOWELL ST

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www.exultengineering.com

NC License #C-4445

Plans Prepared For:
STATE OF NORTH CAROLINA
Department of Transportation
250 N. Greenfield Place, Garner, NC 27529

SCALE
0 NTS

I-2513 Splice Schematic

Division 13 Buncombe County Asheville

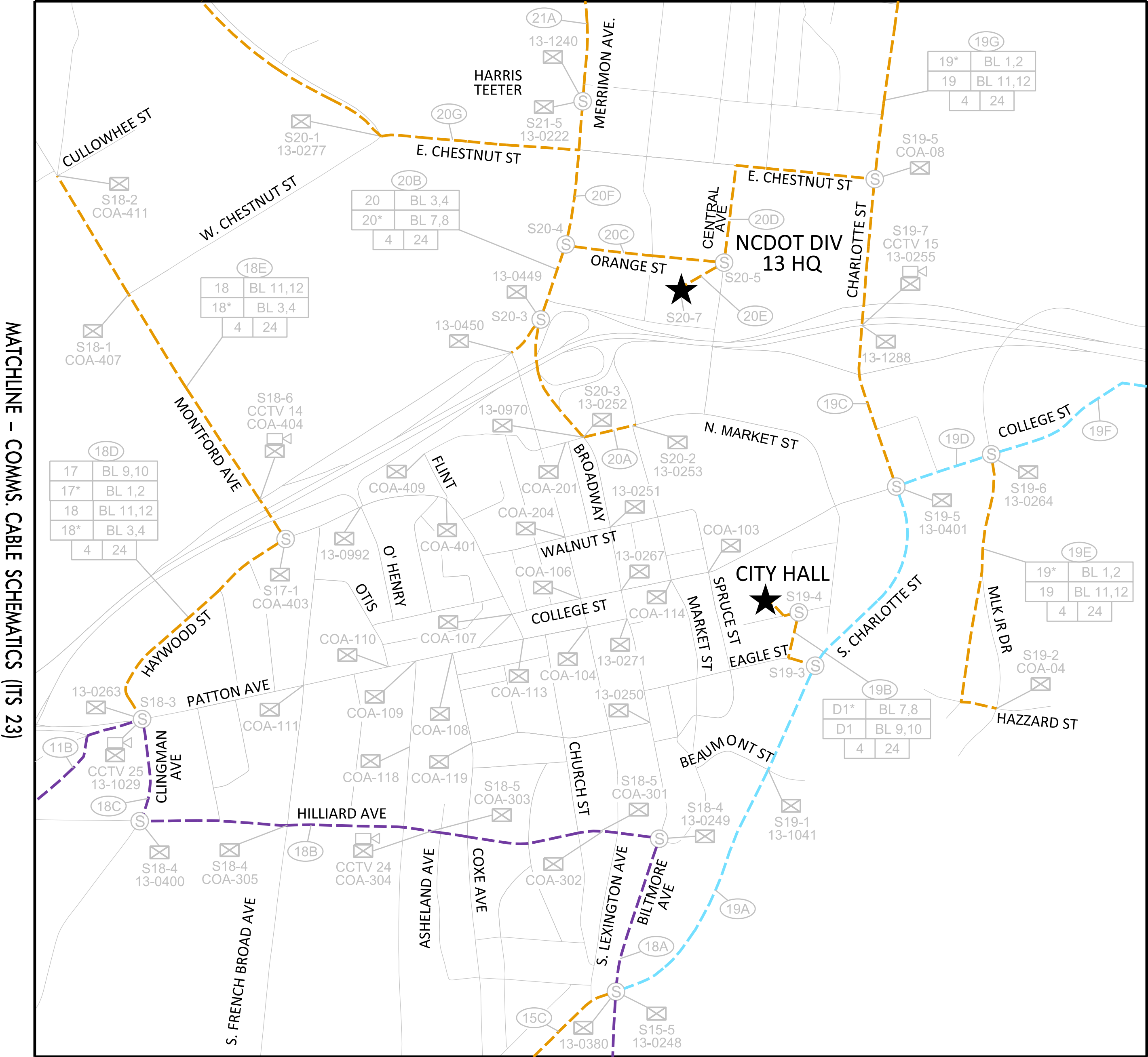
PLAN DATE: August 2026
PREPARED BY: MR Stanley
REVIEWED BY: TA Honeycutt
REVIEWED BY: CJ Dagerhardt

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA
PROFESSIONAL
SEAL 043814
TAYLOR A. HONEYCUTT
ENGINEER

DocuSigned by:
Taylor A. Honeycutt
Signature
DATE 08/11/2026

MATCHLINE – COMMS. CABLE SCHEMATICS (ITS 23)



MATCHLINE – COMMS. CABLE SCHEMATICS (ITS 23)

11B	4	BL 7,8
	5	BL 9,10
	6	BL 11,12
	7	OR 1,2
	8	OR 3,4
	9	OR 5,6
	10	OR 7,8
	11	OR 9,10
	12	OR 11,12
	13	GR 1,2
	14	GR 3,4
	17	GR 9,10
	18	GR 11,12
	BB HUB	SL 1,2
	BB HUB	SL 3,4
	AA-AB	SL 5,6
AC FWY	SL 7,8	
FWY SPARE	SL 9,10	
FWY SPARE	SL 11,12	
38	60	

18A	4	BL 7,8
	5	BL 9,10
	6	BL 11,12
	7	OR 1,2
	8	OR 3,4
	9	OR 5,6
	10	OR 7,8
	11	OR 9,10
	12	OR 11,12
	13	GR 1,2
	14	GR 3,4
	17	GR 9,10
	18	GR 11,12
	BB HUB	SL 1,2
	BB HUB	SL 3,4
	AA-AB	SL 5,6
AC FWY	SL 7,8	
FWY SPARE	SL 9,10	
FWY SPARE	SL 11,12	
38	60	

LEGEND

⊙ CABLE-TO-CABLE SPLICE

⊕ END OF CABLE SPLICE (FOR FUTURE SIGNAL)

⊗ DROP SPLICE TO SIGNAL CABINET

⊗ DROP SPLICE TO CCTV

⊗ DROP SPLICE TO SIGNAL CABINET (SHARED SWITCH WITH CCTV)

— EXISTING 24-COUNT FIBER-OPTIC CABLE

— EXISTING 60-COUNT FIBER-OPTIC CABLE

— EXISTING 96-COUNT FIBER-OPTIC CABLE

S#-### SPLICE NUMBER

COA-#### CITY SIGNAL INVENTORY NUMBER

13-#### STATE SIGNAL INVENTORY NUMBER

CABLE NUMBER

20G

20	OR 1,2
20*	OR 3,4
21	OR 7,8
21*	OR 9,10

8 36

RING I.D.

CHANNEL'S RING PATH HAS BEEN MODIFIED/ ADDED

TOTAL FIBERS IN CABLE

LIT FIBERS IN CABLE

* DENOTES SECONDARY PATH

RING ID SUFFIX:

F INDICATES RING ID ROUTE AND FIBER ALLOCATION FOR FUTURE FIBER NETWORK EXPANSION. FIBERS NOT LIT IN THIS PROJECT.

T INDICATES TEMPORARY RING ID ROUTE AND FIBER ALLOCATION BEFORE FUTURE FIBER NETWORK EXPANSION. FIBERS TO BE LIT IN THIS PROJECT.

INV. NO.	MINOR STREET NAME
13-0248	SOUTHSIDE AVE
13-0380	SHORT COXE AVE
COA-404	CHERYL ST

NOTES:

1. EXISTING FIBER-OPTIC CABLE THAT IS NOT USED IS NOT SHOWN.

MATCHLINE – COMMS. CABLE SCHEMATICS (ITS 23)

20A	20	BL 3,4
	20*	BL 7,8
	4	24

20C	20	BL 3,4
	20*	OR 3,4
	21	BL 5,6
	21*	OR 5,6
	4	24

20D	20	BL 3,4
	20*	OR 3,4
	21	BL 5,6
	21*	OR 5,6
	D2*	BL 9,10
	D2	OR 9,10
	12	24

20E	D2*	BL 9,10
	D2	BL 11,12
	4	24

20F	20	BL 3,4
	20*	BL 7,8
	21	BL 5,6
	21*	BL 9,10
	4	24

20G	20	BL 3,4
	20*	BL 7,8
	4	24

19A	1	BL 1,2
	2	BL 3,4
	3	BL 5,6
	4	BL 7,8
	5	BL 9,10
	6	BL 11,12
	7	OR 1,2
	8	OR 3,4
	9	OR 5,6
	10	OR 7,8
	11	OR 9,10
	12	OR 11,12
	13	GR 1,2
	14	GR 3,4
	15	GR 5,6
	16	GR 7,8
	17	GR 9,10
	18	GR 11,12
	19	BR 1,2
	20	BR 3,4
	21	BR 5,6
	D1	BR 7,8
	D2	BR 9,10
	BB HUB	SL 1,2
	BB HUB	SL 3,4
	AA-AB	SL 5,6
AC FWY	SL 7,8	
FWY SPARE	SL 9,10	
FWY SPARE	SL 11,12	
58	96	

19C	19*	BL 1,2
	19	BL 11,12
	20	BL 3,4
	20*	OR 3,4
	21	BL 5,6
	21*	OR 5,6
	D2*	BL 9,10
	D2	OR 9,10
	16	24

19D	1	BL 1,2
	2	BL 3,4
	3	BL 5,6
	4	BL 7,8
	5	BL 9,10
	6	BL 11,12
	7	OR 1,2
	8	OR 3,4
	9	OR 5,6
	10	OR 7,8
	11	OR 9,10
	12	OR 11,12
	13	GR 1,2
	14	GR 3,4
	15	GR 5,6
	16	GR 7,8
	17	GR 9,10
	18	GR 11,12
	19	BR 1,2
	20	BR 3,4
	21	BR 5,6
	D1	BR 7,8
	D2	BR 9,10
	BB HUB	SL 1,2
	BB HUB	SL 3,4
	AA-AB	SL 5,6
AC FWY	SL 7,8	
FWY SPARE	SL 9,10	
FWY SPARE	SL 11,12	
58	96	

19F	1	BL 1,2
	2	BL 3,4
	3	BL 5,6
	4	BL 7,8
	5	BL 9,10
	6	BL 11,12
	7	OR 1,2
	8	OR 3,4
	9	OR 5,6
	10	OR 7,8
	11	OR 9,10
	12	OR 11,12
	13	GR 1,2
	14	GR 3,4
	15	GR 5,6
	16	GR 7,8
	17	GR 9,10
	18	GR 11,12
	19	BR 1,2
	20	BR 3,4
	21	BR 5,6
	D1	BR 7,8
	D2	BR 9,10
	BB HUB	SL 1,2
	BB HUB	SL 3,4
	AA-AB	SL 5,6
AC FWY	SL 7,8	
FWY SPARE	SL 9,10	
FWY SPARE	SL 11,12	
58	96	

Plans Prepared For:

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

750 N. Greenfield Pkwy., Garner, NC 27529

SCALE

0 NTS

I-2513 Splice Schematic

Division 13 Buncombe County Asheville

PLAN DATE: August 2026 REVIEWED BY: TA Honeycutt

PREPARED BY: MR Stanley REVIEWED BY: CJ Dagerhardt

REVISIONS	INIT.	DATE

SEAL

NORTH CAROLINA PROFESSIONAL

SEAL 043814

TA-OR A. HONEYCUTT

DocuSign

Signature: TA Honeycutt

08/11/2026

SIGNATURE DATE

I-2513 AC SPL01
PROPOSED NCDOT SPLICE
ENCLOSURE ALONG
I-240 /I-26
(SEE ITS 4 FOR LOCATION)

PROJECT REFERENCE NO.	SHEET NO.
I-2513 AC	ITS 27

COLOR CODE
TIA/EIA 598-C

- (1) BLUE

(2) ORANGE

(3) GREEN

(4) BROWN

(5) SLATE

(6) WHITE
- (7) RED

(8) BLACK

(9) YELLOW

(10) VIOLET

(11) ROSE

(12) AQUA

LEGEND

- X

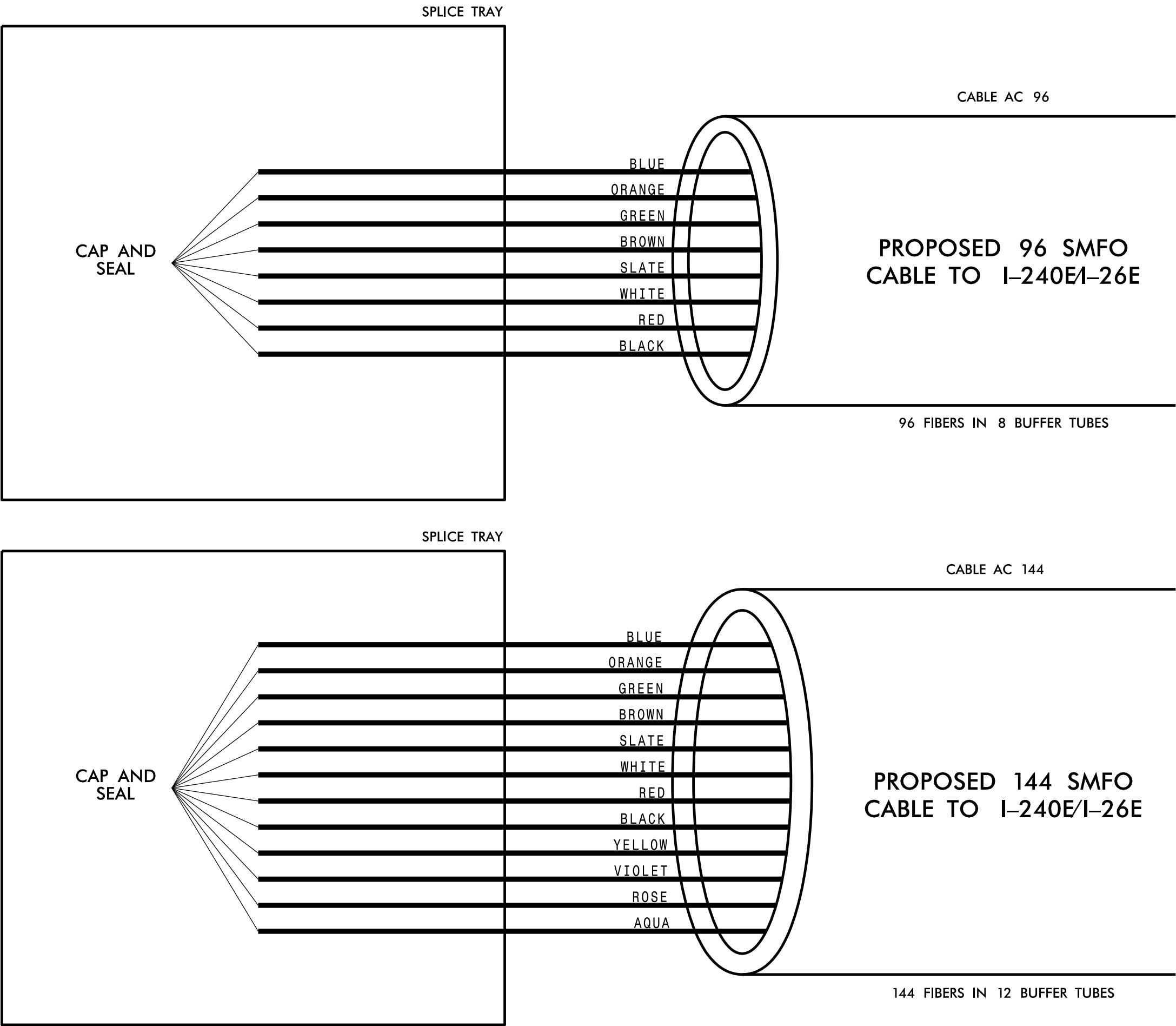
— FUSION SPLICE INDIVIDUAL FIBER
- O

— EXISTING SPLICE
- — EXPRESS INDIVIDUAL FIBER
- EXPRESS

EXPRESS ENTIRE BUFFER TUBE
- SPLICE

SPLICE ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED

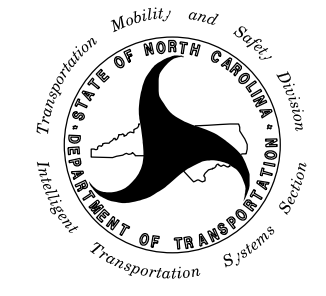
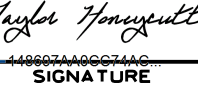
NOTES:
1. FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY – ACTUAL EQUIPMENT FORM MAY VARY.
2. ETHERNET SWITCH TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING /ENSURING PROPER TERMINATION.
3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING EXISTING SPLICING. THE CONTRACTOR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



NCDOT SPLICE



203 W. Millbrook Rd, Suite 200
Raleigh, NC 27609
984.500.5425
www.exultengineering.com

Plans Prepared For:  750 N. Greenfield Plaza, Garner, NC 27529	I-2513 Splice Details Division 13 Buncombe County Asheville PLAN DATE: August 2026 REVIEWED BY: TA Honeycutt PREPARED BY: MR Stanley REVIEWED BY: CJ Dagerhardt		SEAL  043814 TAYLOR A. HONEYCUTT ENGINEER DocuSigned By:  08/11/2026 SIGNATURE DATE													
	SCALE 0 NTS	<table><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><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>		REVISIONS	INIT.	DATE										
REVISIONS	INIT.	DATE														

I-2513 AC SPL02
PROPOSED NCDOT SPLICE
ENCLOSURE ALONG
I-240 /I-26
(SEE ITS 7 FOR LOCATION)

COLOR CODE
TIA/EIA 598-C

(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

O

EXPRESS

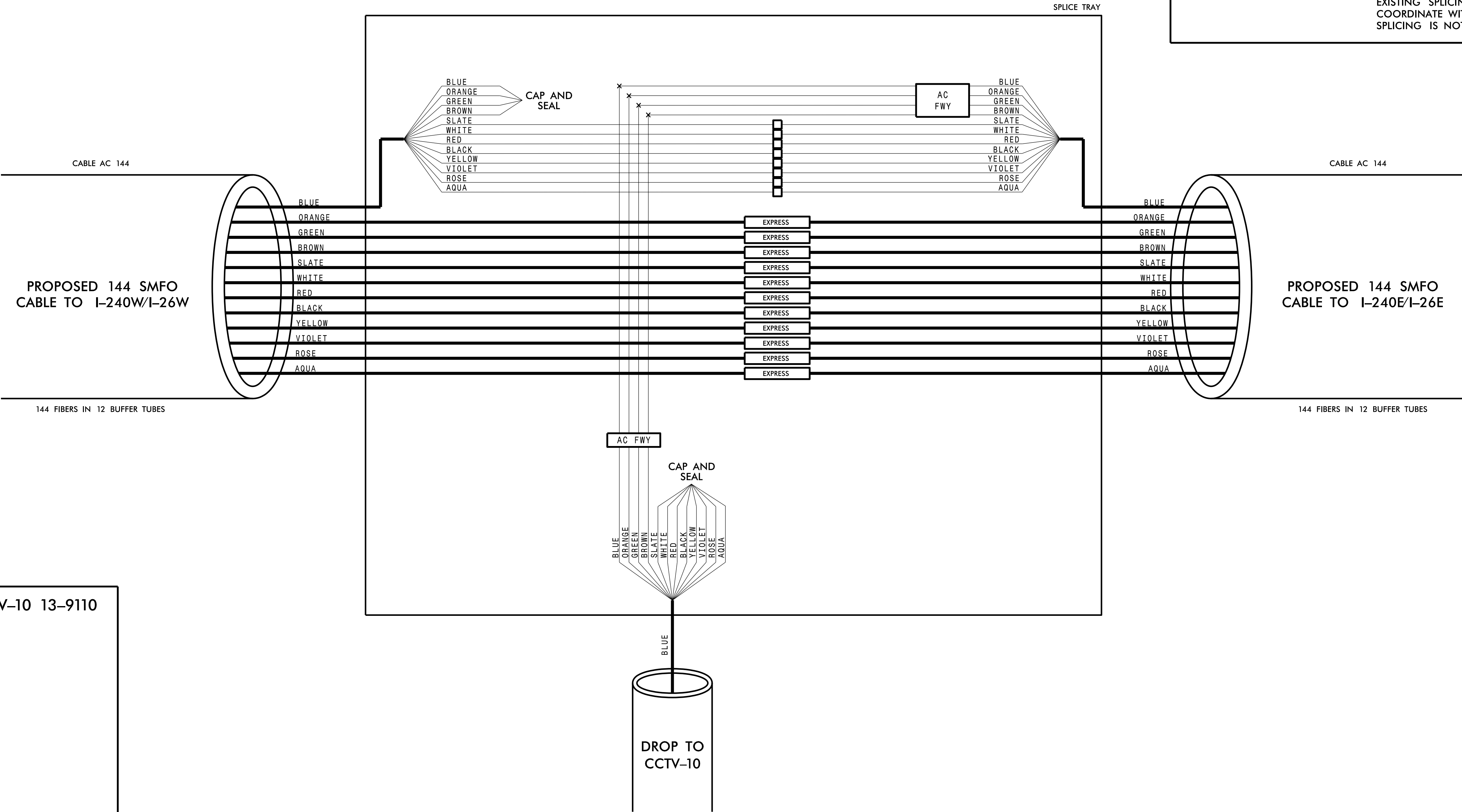
SPLICE

EXPRESS ENTIRE BUFFER TUBE

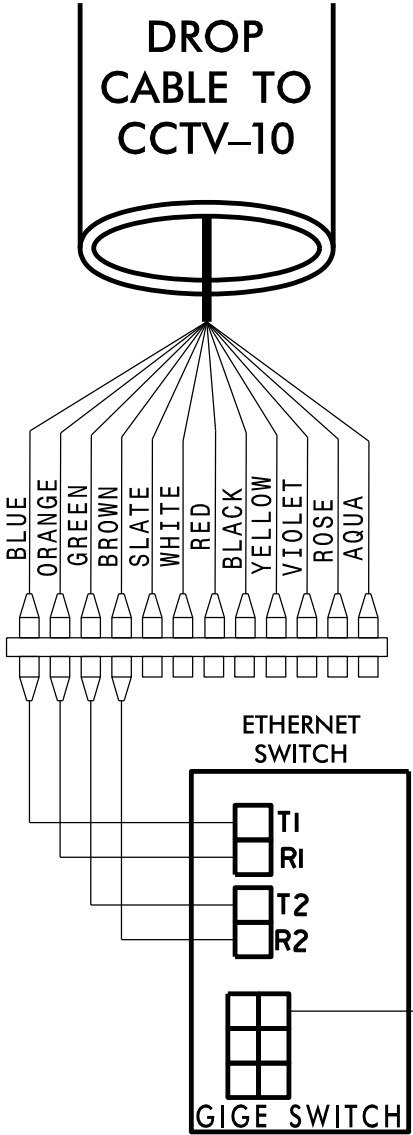
SPLICE ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED

LEGEND

NOTES:
1. FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY – ACTUAL EQUIPMENT FORM MAY VARY.
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3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING EXISTING SPlicing. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER WHERE EXISTING SPlicing IS NOT AS EXPECTED.



CABINET AT CCTV-10 13-9110



NCDOT SPLICE

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ENGINEERING

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Raleigh, NC 27609
984.500.5425
www.exultengineering.com

NC License
#C-4445

Plans Prepared For:
Division 13
Buncombe County
Asheville
PLAN DATE: August 2026
REVIEWED BY: TA Honeycutt
PREPARED BY: MR Stanley
REVIEWED BY: CJ Dagerhardt

Seal of the State of North Carolina
Department of Transportation
Division 13
Buncombe County
Asheville

750 N. Greenfield Place, Garner, NC 27529

Division 13

Buncombe County

Asheville

PLAN DATE: August 2026

REVIEWED BY: TA Honeycutt

PREPARED BY: MR Stanley

REVIEWED BY: CJ Dagerhardt

SCALE

0

NTS

REVISIONS

INIT.

DATE

Seal of the State of North Carolina
Professional Engineer
SEAL 043814
TAYLOR A. HONEYCUTT

DocuSigned By
Taylor A. Honeycutt
08/11/2026

I-2513 AC SPL03
PROPOSED NCDOT SPLICE
ENCLOSURE ALONG
I-240 /I-26
(SEE ITS 10 FOR LOCATION)

COLOR CODE
TIA/EIA 598-C

(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

O

EXPRESS

SPLICE

EXPRESS INDIVIDUAL FIBER

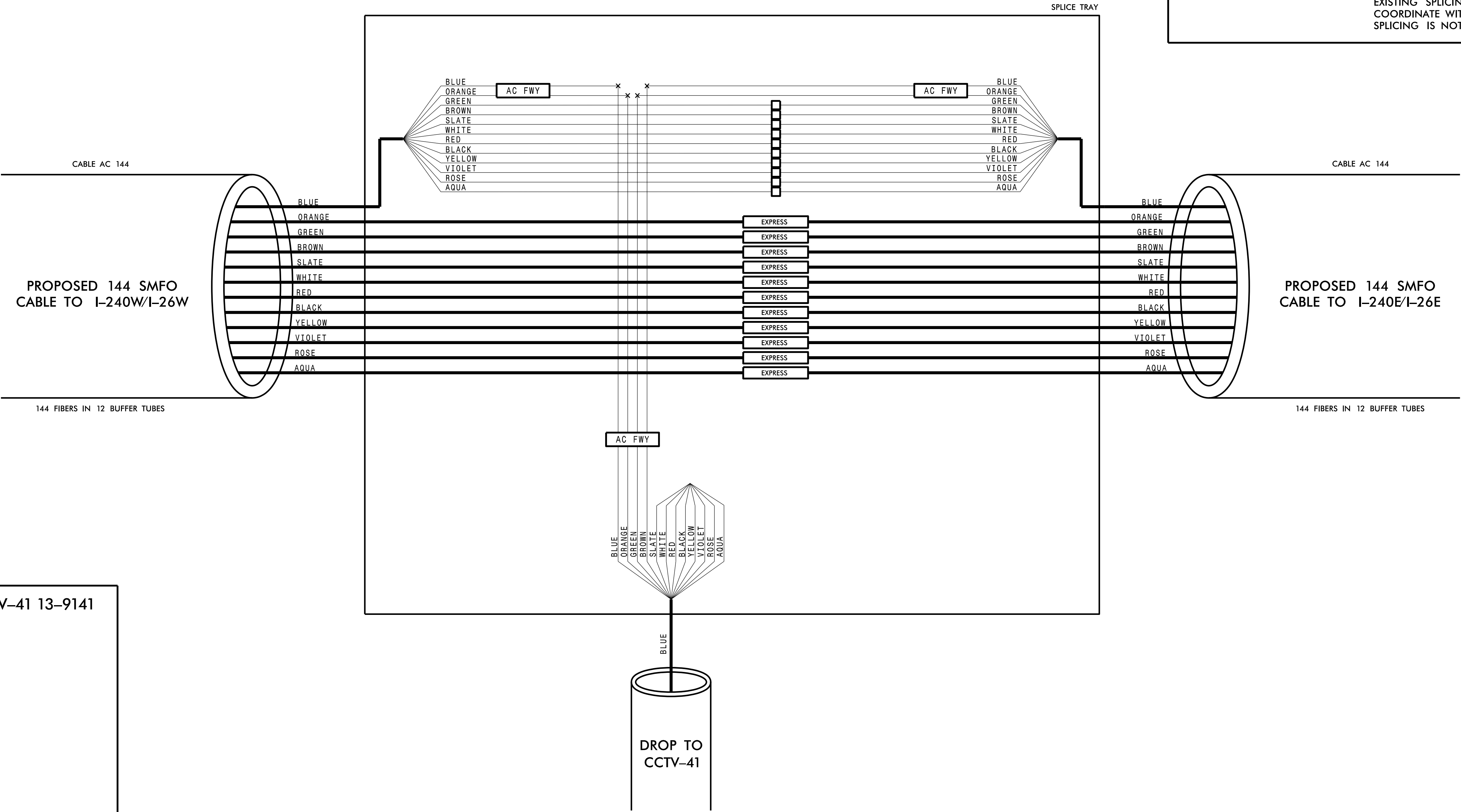
EXISTING SPLICE

EXPRESS INDIVIDUAL FIBER

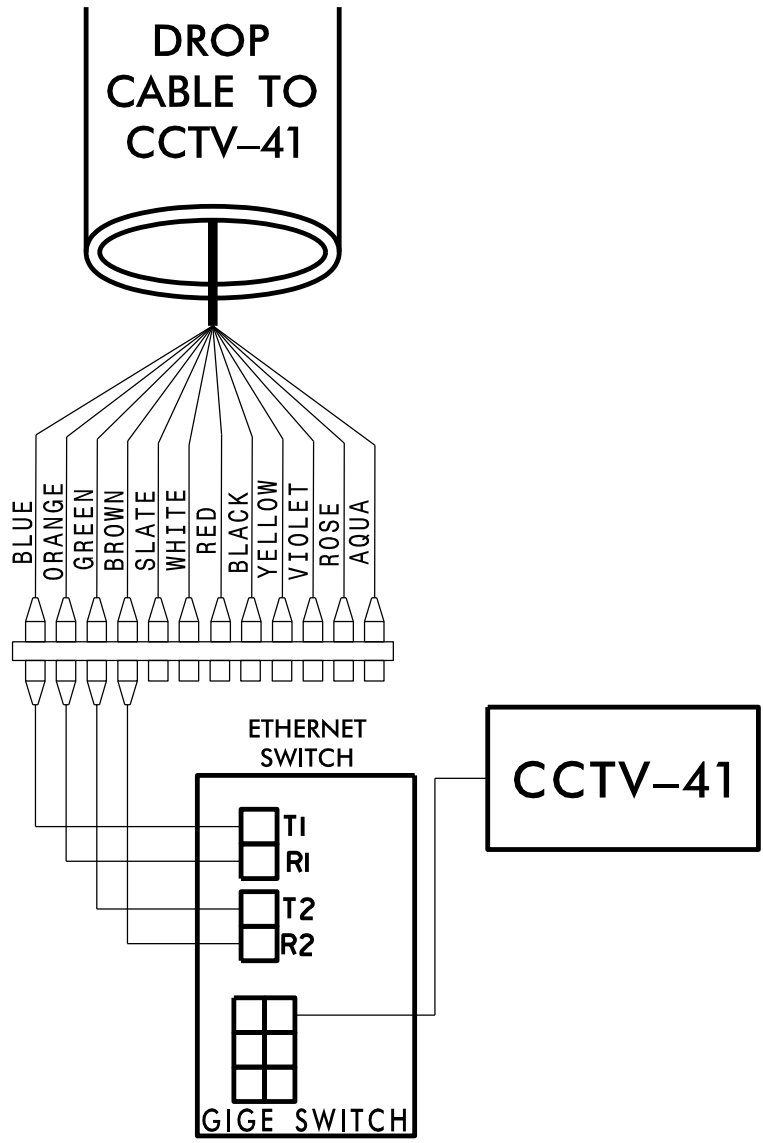
EXPRESS ENTIRE BUFFER TUBE

SPLICE ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED

NOTES:
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CABINET AT CCTV-41 13-9141



NCDOT SPLICE

EXULT
ENGINEERING

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Raleigh, NC 27609
984.500.5425
www.exultengineering.com

NC License
#C-4445

Plans Prepared For:
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
Transportation Systems Section

750 N. Greenfield Place, Garner, NC 27529

Division 13

Buncombe County

Asheville

PLAN DATE: August 2026

REVIEWED BY: TA Honeycutt

PREPARED BY: MR Stanley

REVIEWED BY: CJ Dagerhardt

SCALE

0

NTS

REVISIONS

INIT.

DATE

SEAL

NORTH CAROLINA

PROFESSIONAL

SEAL

043814

ENGINEER

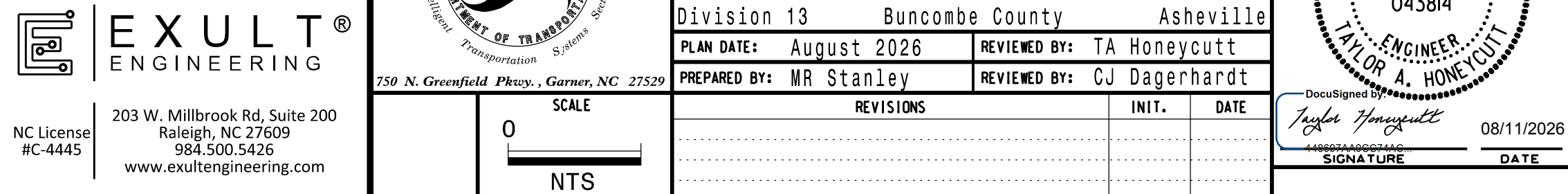
TAYLOR A. HONEYCUTT

DocuSigned by:
Taylor A. Honeycutt
08/11/2026

SIGNATURE

DATE

COLOR CODE TIA/EIA 598-C		LEGEND	
(1) BLUE	(7) RED	X	- FUSION SPlice INDIVIDUAL FIBER
(2) ORANGE	(8) BLACK	O	- EXISTING SPlice
(3) GREEN	(9) YELLOW	□	- EXPRESS INDIVIDUAL FIBER
(4) BROWN	(10) VIOLET	EXPRESS	EXPRESS ENTIRE BUFFER TUBE
(5) SLATE	(11) ROSE	SPlice	SPlice ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED
(6) WHITE	(12) AQUA		



I-2513 AC SPL06
EXISTING NCDOT SPLICE
ENCLOSURE AT
HAYWOOD ROAD AT
I-240 /I-26
(SEE ITS 13 FOR LOCATION)

COLOR CODE
TIA/EIA 598-C

(1) BLUE

(2) ORANGE

(3) GREEN

(4) BROWN

(5) SLATE

(6) WHITE

(7) RED

(8) BLACK

(9) YELLOW

(10) VIOLET

(11) ROSE

(12) AQUA

LEGEND

X

O

EXPRESS

SPLICE

- FUSION SPLICE INDIVIDUAL FIBER

- EXISTING SPLICE

- EXPRESS INDIVIDUAL FIBER

EXPRESS ENTIRE BUFFER TUBE

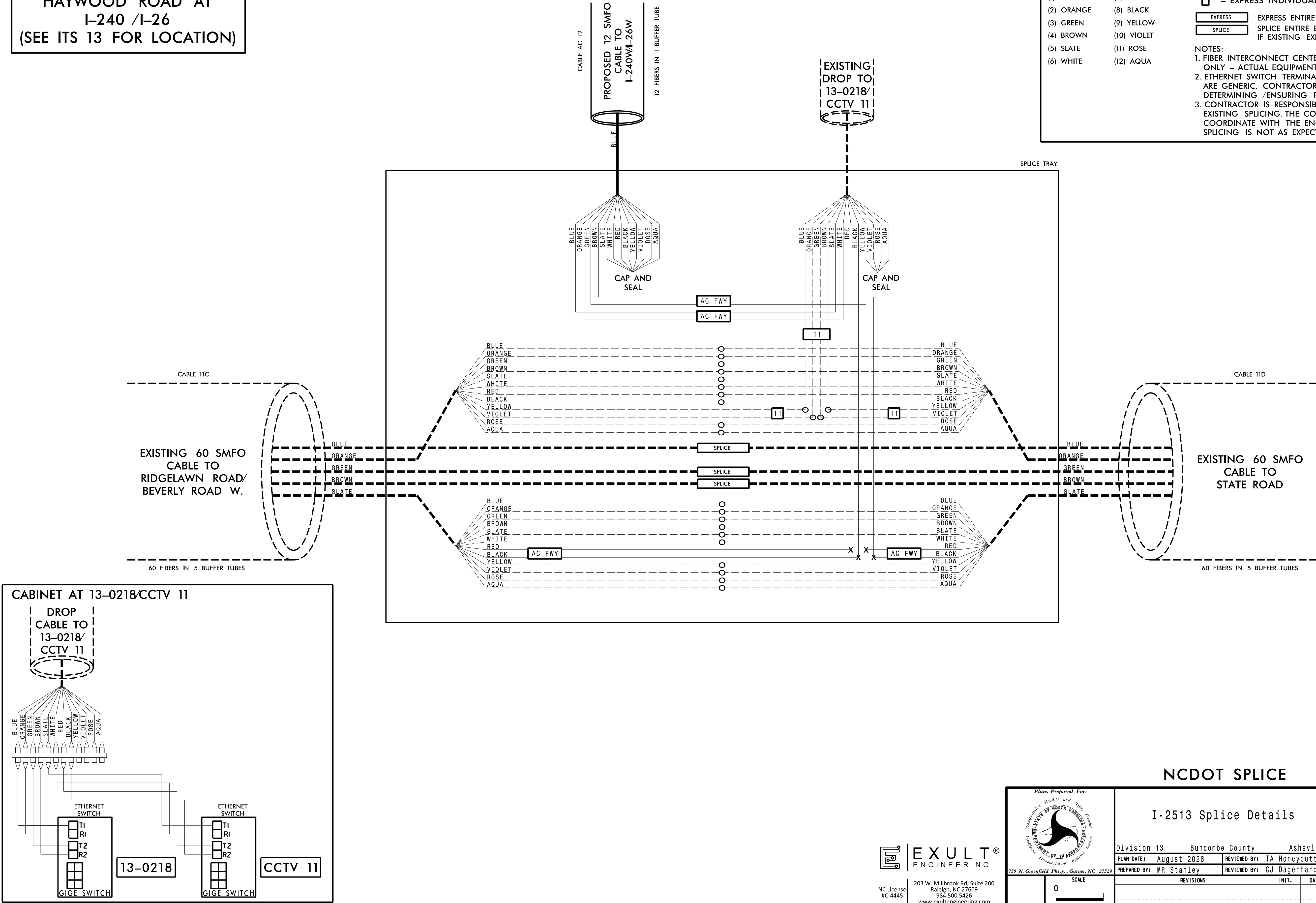
SPLICE ENTIRE BUFFER TUBE OR MAINTAIN IF EXISTING EXPRESSED

NOTES:

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NCDOT SPLICE

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NC License
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Plans Prepared For:
DIVISION OF TRANSPORTATION
750 N. Greenfield Parkway, Garner, NC 27529

Seal STATE OF NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 043814 TAYLOR A. HONEYCUTT	I-2513 Splice Details		
	Division 13 Buncombe County Asheville		
	PLAN DATE: August 2026	REVIEWED BY: TA Honeycutt	
	PREPARED BY: MR Stanley	REVIEWED BY: CJ Dagerhardt	
REVISIONS		INIT.	DATE

DocuSigned by
Taylor A. Honeycutt
08/11/2026

SIGNATURE DATE