

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

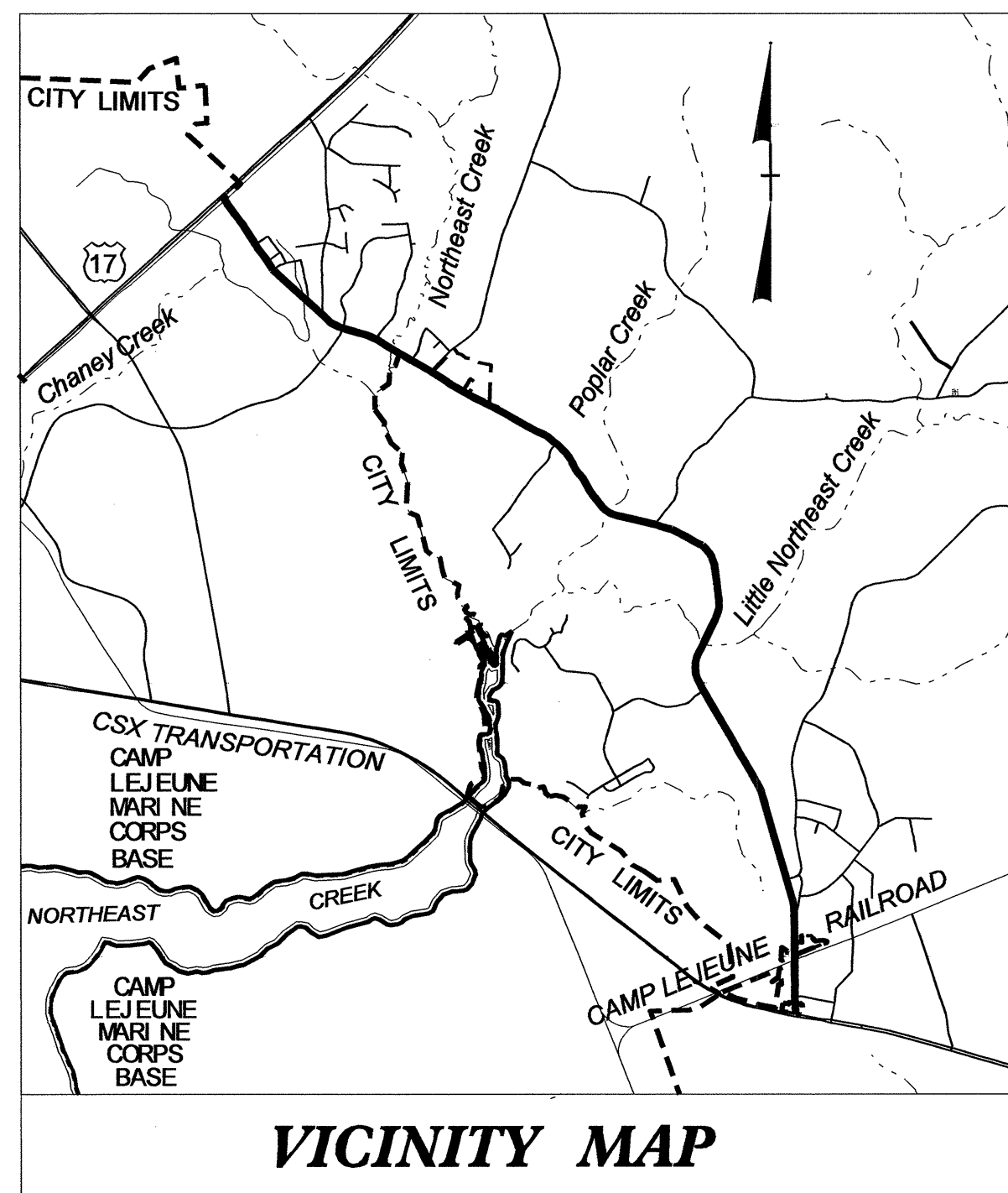
# ONSLOW COUNTY

**LOCATION: SR 1406 (PINEY GREEN ROAD) FROM US 17  
(MARINE BOULEVARD) TO NC 24 (FREEDOM WAY)**

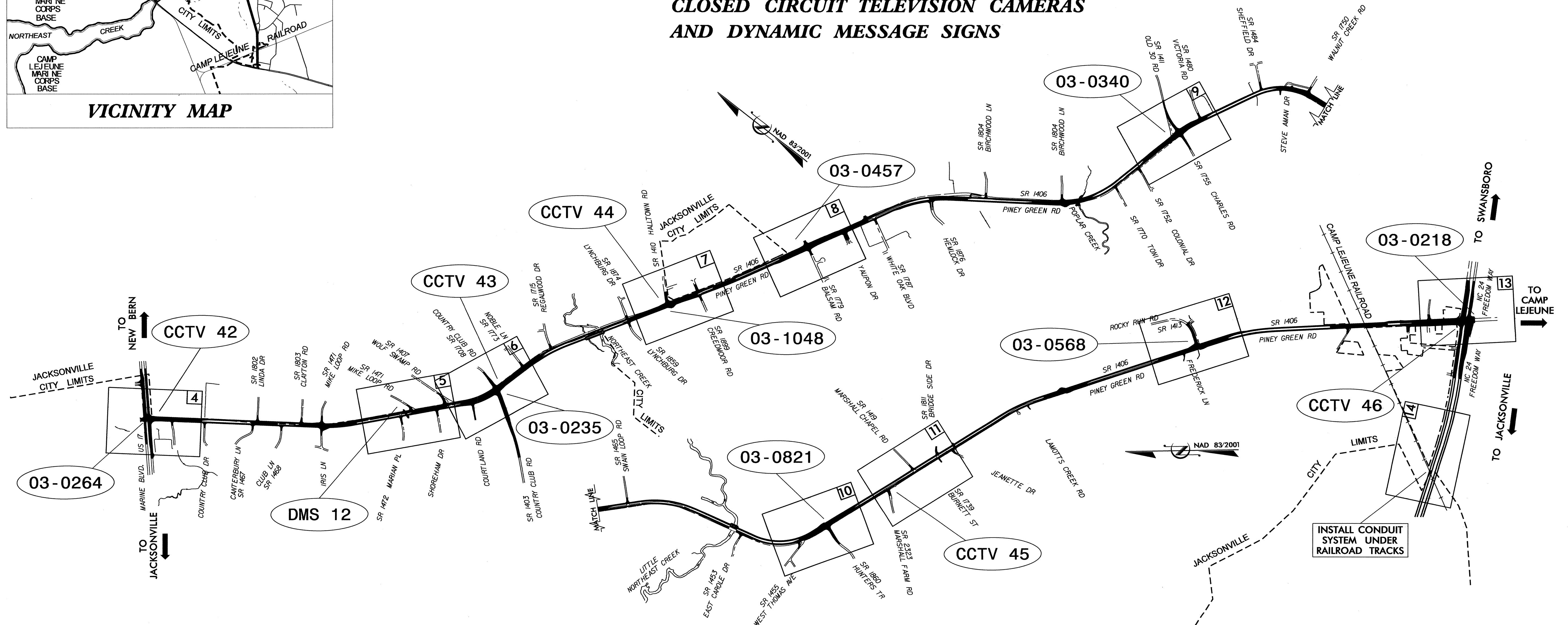
**TYPE OF WORK: COMMUNICATIONS CABLE, CONDUIT ROUTING,  
CLOSED CIRCUIT TELEVISION CAMERAS  
AND DYNAMIC MESSAGE SIGNS**

INDEX OF SHEETS

SHEET ITS 1	TITLE SHEET
SHEET ITS 2A - 2C	TYPICAL DETAILS
SHEET ITS 3	DMS INSTALLATION
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SHEET ITS 15 - 24	SPLICE PLAN



VICINITY MAP



Refer to "Roadway Standard Drawings  
NCDOT" dated January 2012 and  
"Standard Specifications for Roads  
and Structures" dated January 2012.

**NCDOT CONTACT:**  
TRANSPORTATION MOBILITY AND SAFETY DIVISION  
G.A. FULLER, PE - STATE ITS AND SIGNALS ENGINEER

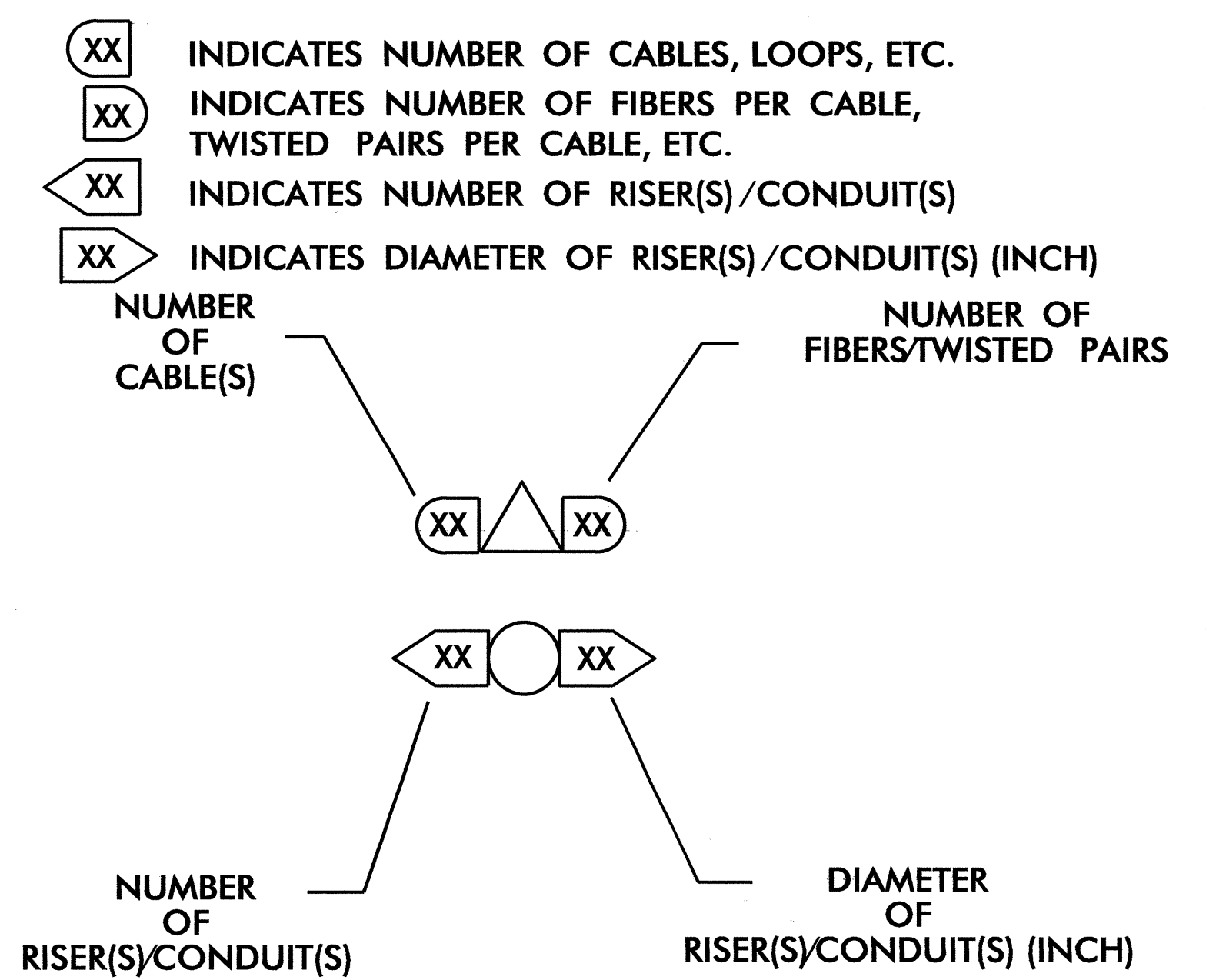
	<b>COMMUNICATIONS CABLE AND CONDUIT ROUTING PLANS</b>		
	DIVISION 03 ONSLOW COUNTY JACKSONVILLE		
	PLAN DATE: MAY 2012	REVIEWED BY: I.N. AVERY	
	PREPARED BY: S.C. WARDLE	REVIEWED BY: G.A. FULLER	
SCALE		REVISIONS	INIT. DATE
0			

GREGORY A. FULLER  
 ENGINEER  
 DATE

**LEGEND**

	NEW FIBER OPTIC COMMUNICATIONS CABLE
	EXISTING COMMUNICATIONS CABLE
	NEW AERIAL GUY ASSEMBLY
	NEW CONDUIT
	EXISTING CONDUIT
	NEW DIRECTIONAL DRILLED CONDUIT
	NEW BORED AND JACKED CONDUIT
	EXISTING GUARDRAIL
	NEW GUARDRAIL
	NEW JUNCTION BOX
	EXISTING JUNCTION BOX
	NEW WOOD POLE
	EXISTING WOOD POLE
	NEW AERIAL SPLICE ENCLOSURE
	EXISTING AERIAL SPLICE ENCLOSURE AND DROP CABLE
	NEW METAL POLE
	EXISTING METAL POLE
	EXISTING MAST ARM METAL POLE
	NEW CCTV CAMERA ASSEMBLY
	EXISTING CCTV CAMERA ASSEMBLY
	NEW DYNAMIC MESSAGE SIGN (DMS)
	NEW STANDARD GUY ASSEMBLY
	NEW SIDEWALK GUY ASSEMBLY
	NEW CABLE STORAGE RACKS (SNOW SHOES)
	NEW WIRELESS ANTENNA AND TRANSCEIVER
	NEW BASE MOUNTED EQUIPMENT CABINET
	EXISTING BASE MOUNTED EQUIPMENT CABINET
	NEW POLE MOUNTED EQUIPMENT CABINET
	EXISTING POLE MOUNTED EQUIPMENT CABINET
	NEW SYSTEM DETECTOR
	EXISTING SYSTEM DETECTOR
	SIGNAL INVENTORY NUMBER

**CONSTRUCTION NOTE SYMBOLOGY KEY**

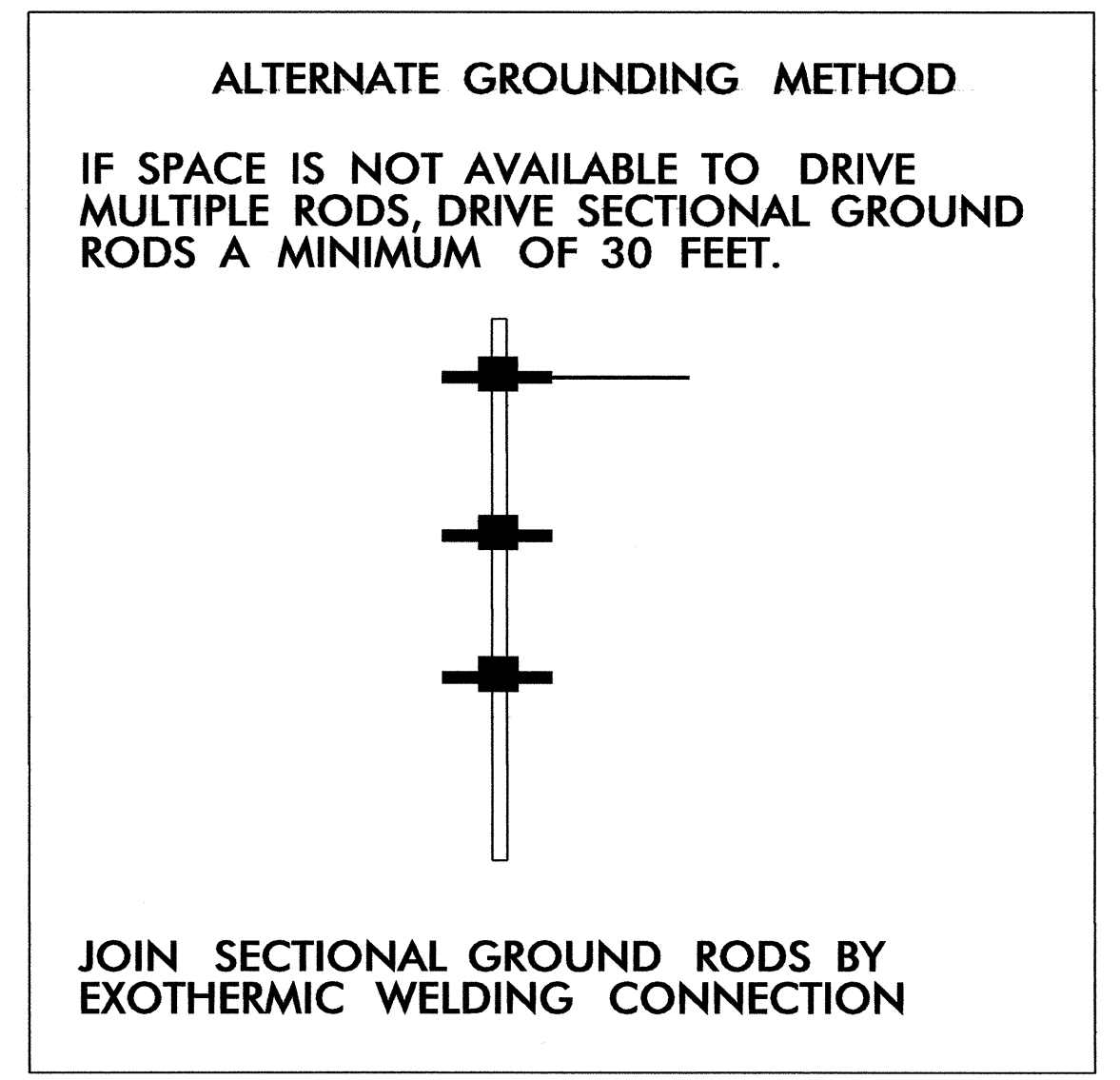
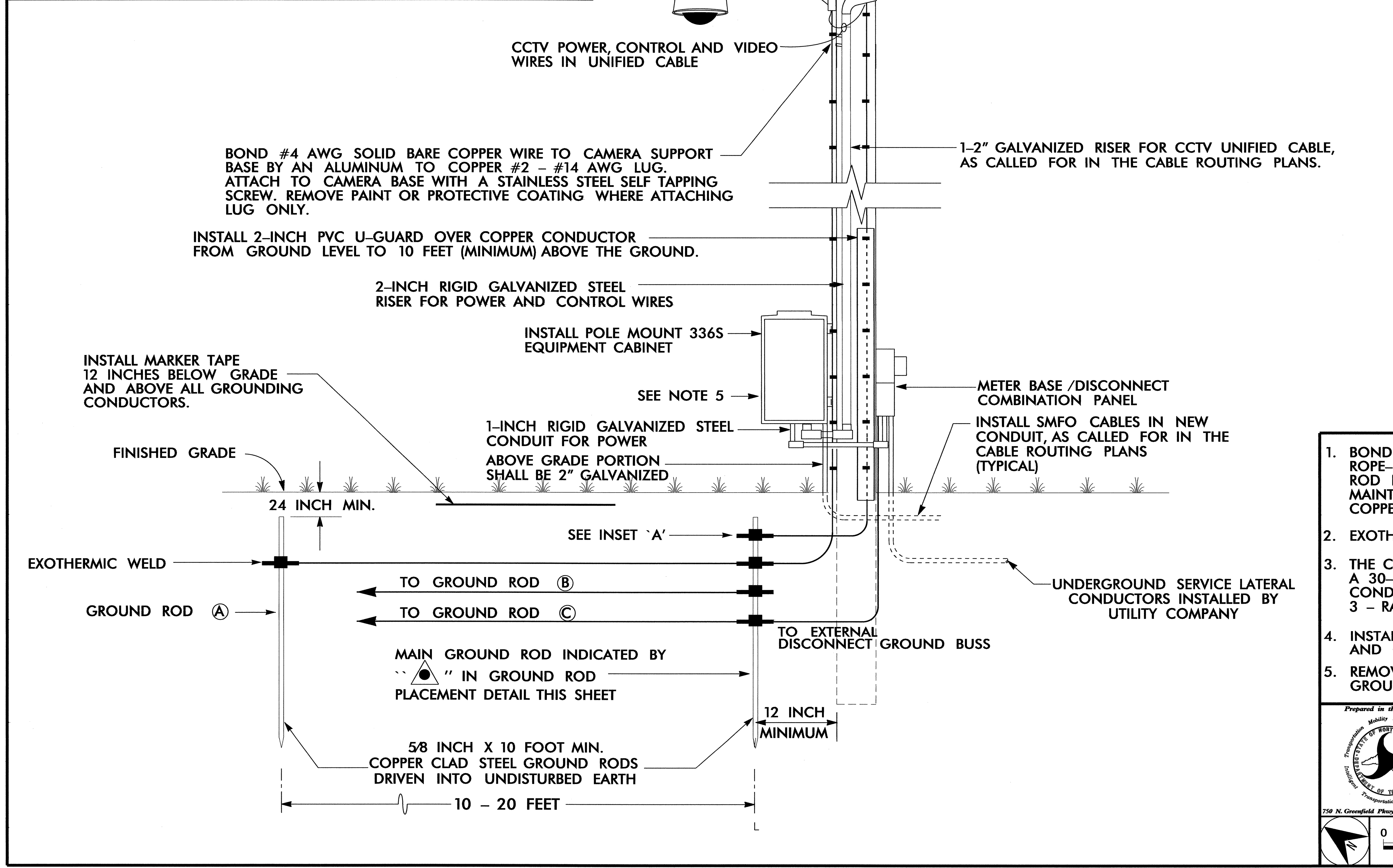
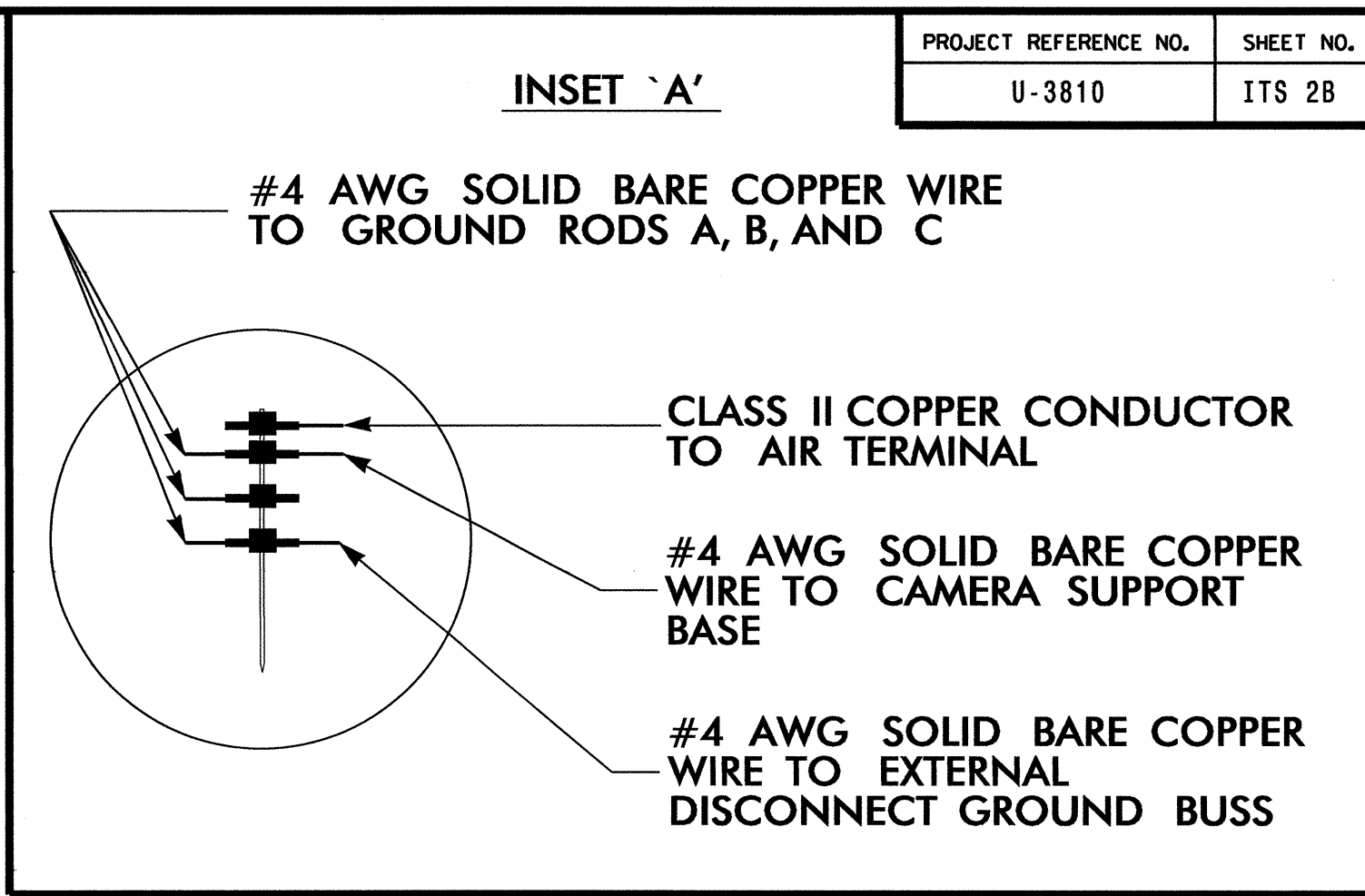
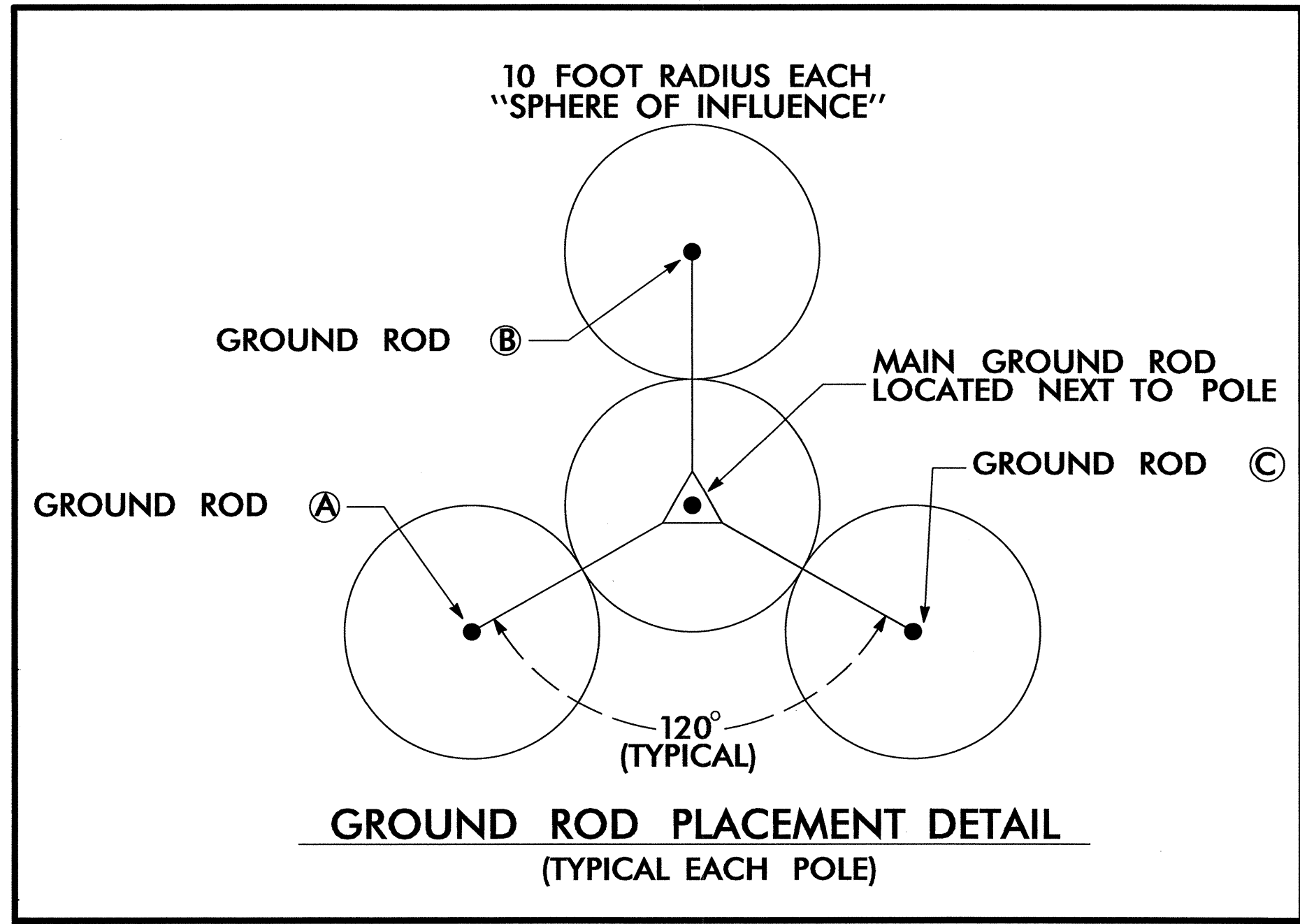


- 1 INSTALL SMFO CABLE
- 2 INSTALL FIBER OPTIC DROP CABLE
- 3 INSTALL TRACER WIRE
- 4 REUSE EXISTING SMFO CABLE
- 5 INSTALL PLENUM RATED SMFO CABLE
- 6 INSTALL LOOP LEAD-IN CABLE
- 7 INSTALL ETHERNET CABLE
- 1 INSTALL PVC CONDUIT
- 2 INSTALL POLYETHYLENE CONDUIT
- 3 INSTALL RIGID, GALVANIZED STEEL CONDUIT
- 4 INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD
- 5 INSTALL RIGID, GALVANIZED STEEL RISER WITH HEAT SHRINK TUBING
- 6 TRENCH CONDUIT
- 7 DIRECTIONAL DRILL CONDUIT
- 8 BORE AND JACK CONDUIT
- 9 INSTALL CABLE(S) IN EXISTING CONDUIT
- 10 INSTALL CABLE(S) IN NEW CONDUIT
- 11 INSTALL CABLE(S) IN EXISTING RISER
- 12 INSTALL CABLE(S) IN NEW RISER
- 13 INSTALL NEW CABLE(S) IN EXISTING CONDUIT STUBOUTS
- 14 INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUBOUTS WHERE AVAILABLE)
- 15 INSTALL NEW RISER INTO POLE MOUNTED CABINET
- 16 REPLACE EXISTING WEATHERHEAD WITH HEAT SHRINK TUBING
- 17 INSTALL RIGID METAL CONDUIT INTO POLE MOUNTED CABINET
- 1 INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPLICE CABLE IN CABINET
- 2 INSTALL UNDERGROUND SPLICE ENCLOSURE
- 3 INSTALL AERIAL SPLICE ENCLOSURE
- 4 MODIFY EXISTING SPLICE ENCLOSURE OR INTERCONNECT CENTER
- 5 INSTALL TERMINAL SPLICE BOX
- 1 INSTALL CABINET FOUNDATION
- 2 REMOVE EXISTING CABINET FOUNDATION
- 3 MODIFY EXISTING CABINET FOUNDATION
- 4 REMOVE EXISTING CONTROLLER AND CABINET
- 5 INSTALL NEW CONTROLLER
- 6 INSTALL NEW 332 BASE MOUNTED CABINET
- 7 INSTALL NEW 336S BASE MOUNTED CABINET
- 8 INSTALL NEW 336S POLE MOUNTED CABINET
- 9 INSTALL BASE ADAPTER
- 10 INSTALL PRE-FORMED CABINET FOUNDATION PAD
- 11 INSTALL STANDARD JUNCTION BOX

- 12 INSTALL OVERSIZED JUNCTION BOX
- 13 INSTALL SPECIAL OVERSIZED HEAVY-DUTY JUNCTION BOX
- 14 INSTALL WOOD POLE
- 15 REMOVE EXISTING WOOD POLE
- 16 INSTALL AERIAL GUY ASSEMBLY
- 17 INSTALL STANDARD GUY ASSEMBLY
- 18 INSTALL SIDEWALK GUY ASSEMBLY
- 19 INSTALL MESSENGER CABLE
- 20 REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE
- 21 REMOVE EXISTING COMMUNICATIONS CABLE
- 22 LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE
- 23 LASH CABLE(S) TO EXISTING MESSENGER CABLE
- 24 LASH CABLE(S) TO NEW MESSENGER CABLE
- 25 INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF EACH CABLE
- 26 STORE 30 FEET OF EACH COMMUNICATIONS CABLE
- 27 STORE 100 FEET OF EACH COMMUNICATIONS CABLE
- 28 INSTALL FIBER OPTIC DELINEATOR MARKER
- 29 BOND MESSENGER CABLE TO POLE GROUND
- 30 MODIFY EXISTING ELECTRICAL SERVICE
- 31 INSTALL NEW ELECTRICAL SERVICE
- 32 INSTALL FEEDER CIRCUITRY
- 33 INSTALL GENERATOR ANCHOR IN FOUNDATION
- 34 RECONNECT EMERGENCY VEHICLE PREEMPTION EQUIPMENT
- 35 RECONNECT GENERATOR POWER INLET BOX
- 36 INSTALL CCTV CAMERA ASSEMBLY
- 37 INSTALL SMALL DMS ASSEMBLY
- 38 INSTALL LARGE DMS ASSEMBLY
- 39 INSTALL PEDESTAL STRUCTURE FOR SMALL DMS
- 40 INSTALL PEDESTAL STRUCTURE FOR LARGE DMS
- 41 INSTALL ETHERNET SWITCH
- 42 INSTALL VIDEO CODEC UNIT
- 43 REMOVE EXISTING FIBER OPTIC TRANSCEIVER
- 44 INSTALL CELLULAR MODEM
- 45 INSTALL FIBER OPTIC TRANSCEIVER (CONTACT CLOSURE)
- 46 INSTALL 2.45.8 GHz RADIO TRANSCEIVER
- 47 INSTALL PANEL ANTENNA
- 48 INSTALL OMNI-DIRECTIONAL ANTENNA
- 49 REMOVE EXISTING WIRELESS HARDWARE
- 50 INSTALL NEW EMERGENCY VEHICLE PREEMPTION EQUIPMENT

- 51 INSTALL NEW GENERATOR POWER INLET BOX
- 52 INSTALL CCTV UNIFIED CABLE
- 53 INSTALL ANTENNA CABLE
- 54 INSTALL DMS CONTROLLER
- 55 INSTALL SOLAR POWER ASSEMBLY
- 56 BOND RISER TO POLE GROUND
- 57 BOND TRACER WIRE TO EQUIPMENT GROUND BUS

	<b>CONSTRUCTION NOTES</b>		
	DIVISION 03    ONSLOW COUNTY    JACKSONVILLE		
PLAN DATE: MAY 2012	REVIEWED BY: I.N. AVERY	PREPARED BY: S.C. WARDLE	REVIEWED BY: G.A. FULLER
SCALE: 0	REVISIONS:	INIT.:	DATE:
SIGNATURE: <i>Gregory A. Fuller</i>		DATE: 6/12	



**NOTES**

1. BOND CLASS II, 28 STRAND (MINIMUM), 15 AWG (MINIMUM) ROPE-LAY BARE COPPER CONDUCTOR TO THE MAIN GROUND ROD BY AN EXOTHERMIC WELD METHOD. MAINTAIN MAXIMUM HORIZONTAL SEPARATION BETWEEN COPPER CONDUCTOR AND RISER.
2. EXOTHERMICALLY WELD ALL CONNECTIONS TO GROUND RODS.
3. THE CONTRACTOR MAY, UPON APPROVAL OF THE ENGINEER, INSTALL A 30-FOOT SECTIONAL GROUND ROD FOR INSTANCES WHEN CONDITIONS WILL NOT ALLOW FOR THE INSTALLATION OF THE 3 - RADIAL GROUND RODS.
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.

Prepared in the Offices of:

**WOOD POLE CCTV WITH UNDERGROUND SERVICE TYPICAL DETAIL**

DIVISION 03 ONSLOW COUNTY JACKSONVILLE

PLAN DATE: MAY 2012 REVIEWED BY: I. N. AVERY

PREPARED BY: S. C. WARDLE REVIEWED BY: G. A. FULLER

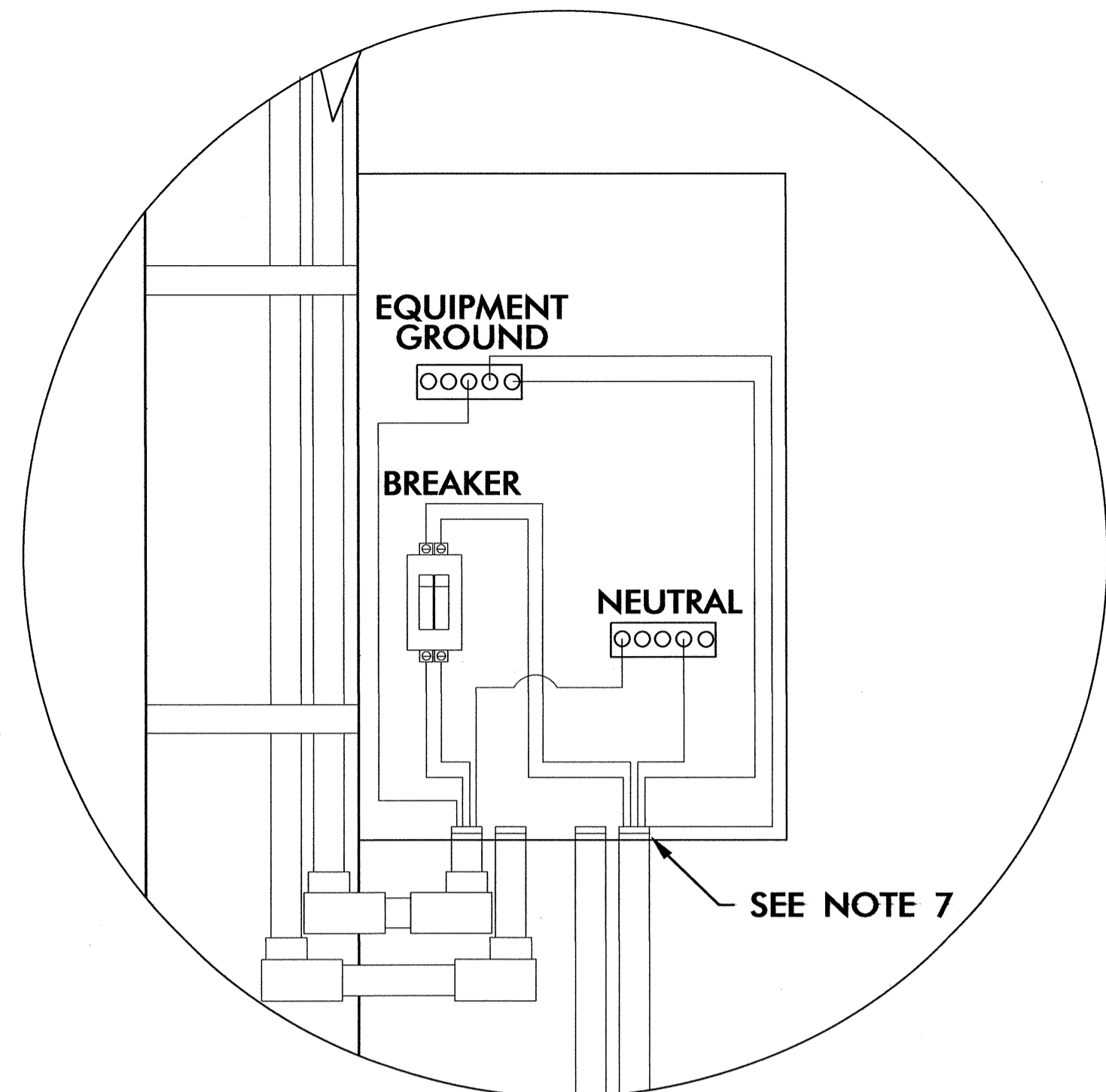
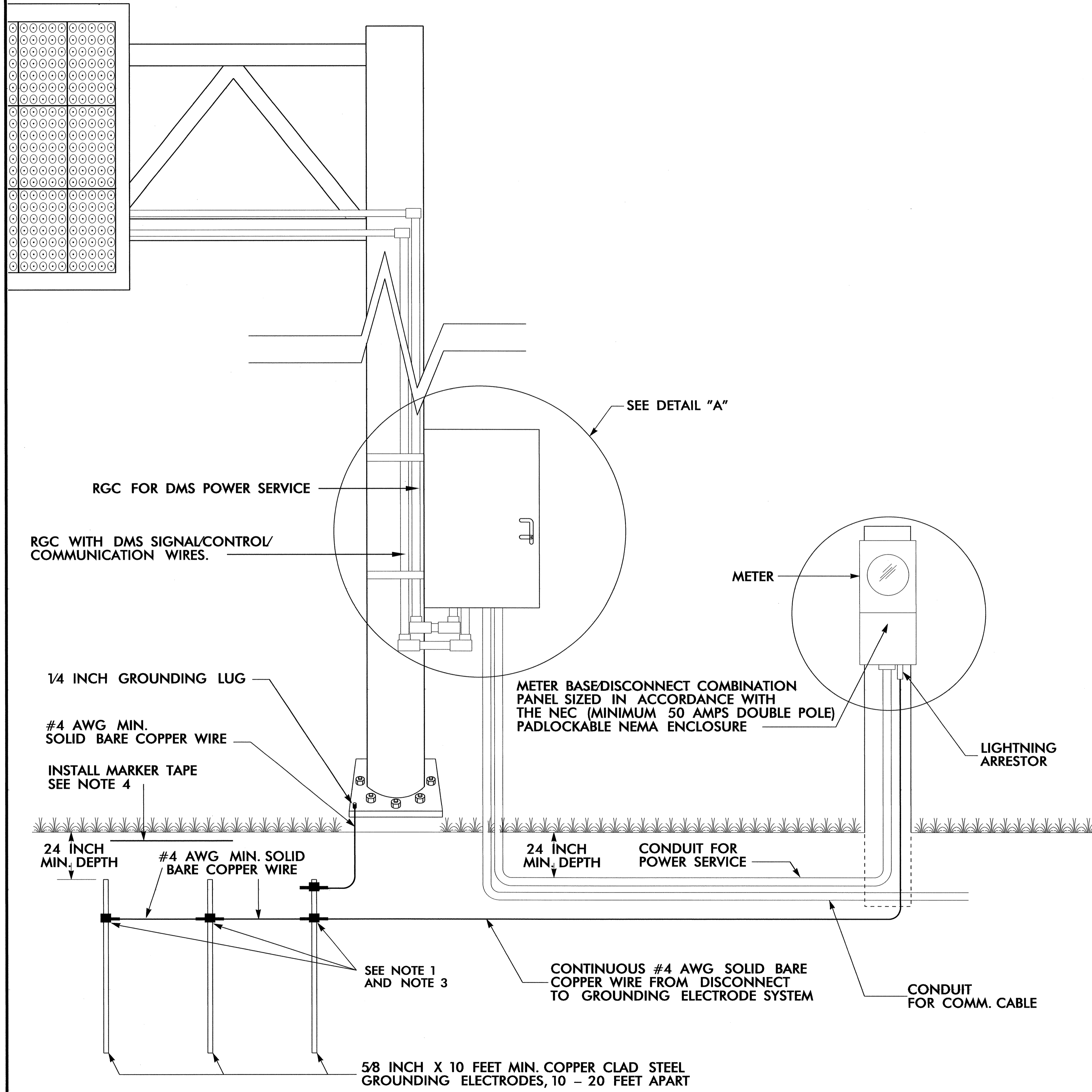
750 N. Greenfield Pkwy., Garner, NC 27529

SCALE: 0

REVISIONS	INIT.	DATE

Signature: Gregory A. Fuller, Date: 6/12/12

CADD P: 1/2/2012



DETAIL "A"

NOTES

1. INSTALL A MINIMUM OF THREE (3) GROUND RODS SPACED A MINIMUM OF 10 FEET APART. ENSURE THAT EXISTING UNDERGROUND FACILITIES ARE NOT DAMAGED DURING INSTALLATION.
2. TEST GROUNDING SYSTEM USING AN APPROVED METHOD. SYSTEM SHOULD MEASURE TWENTY (20) OHMS OR LESS. ADDITIONAL GROUND RODS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER TO MEET THIS REQUIREMENT.
3. EXOTHERMICALLY WELD ALL CONNECTIONS TO GROUND RODS.
4. INSTALL MARKER TAPE DIRECTLY ABOVE ALL GROUNDING ELECTRODES AND CONDUCTORS AT A DEPTH OF 6 - 12 INCHES.
5. EXOTHERMICALLY WELD THE SERVICE POLE GROUND WIRE TO THE GROUND ROD SYSTEM.
6. REMOVE BONDING JUMPER IN EQUIPMENT CABINET IF INSTALLED BETWEEN AC NEUTRAL AND EQUIPMENT GROUND.
7. BOND ALL RIGID GALVANIZED STEEL CONDUITS ENTERING THE CABINET TO "EQUIPMENT GROUND".
8. INSTALL CONDUIT BETWEEN DISCONNECT AND CABINET.
9. SERVICE DISCONNECT NEUTRAL BUS BAR SHALL PROVIDE FOR 2 #4 AWG CONNECTIONS.
10. ENSURE EQUIPMENT GROUND IS ELECTRICALLY BONDED TO CABINET.

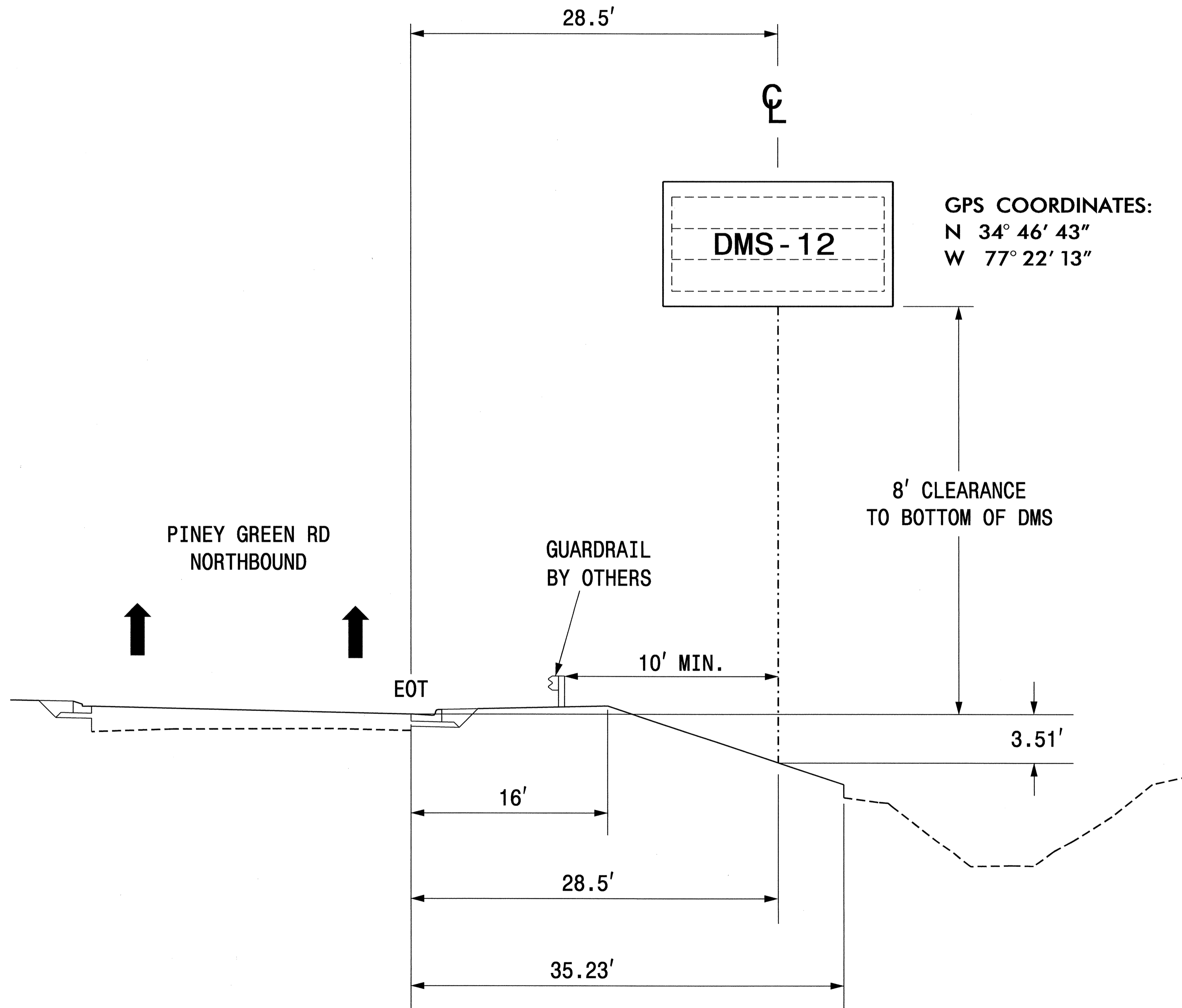
	<b>DMS ELECTRICAL SERVICE AND GROUNDING TYPICAL DETAIL</b>	
	DIVISION 03 ONSLOW COUNTY JACKSONVILLE	
PLAN DATE: MAY 2012	REVIEWED BY: I.N. AVERY	
PREPARED BY: S.C. WARDLE	REVIEWED BY: G.A. FULLER	
SCALE: 0	REVISIONS	INIT. DATE

CADD File name:

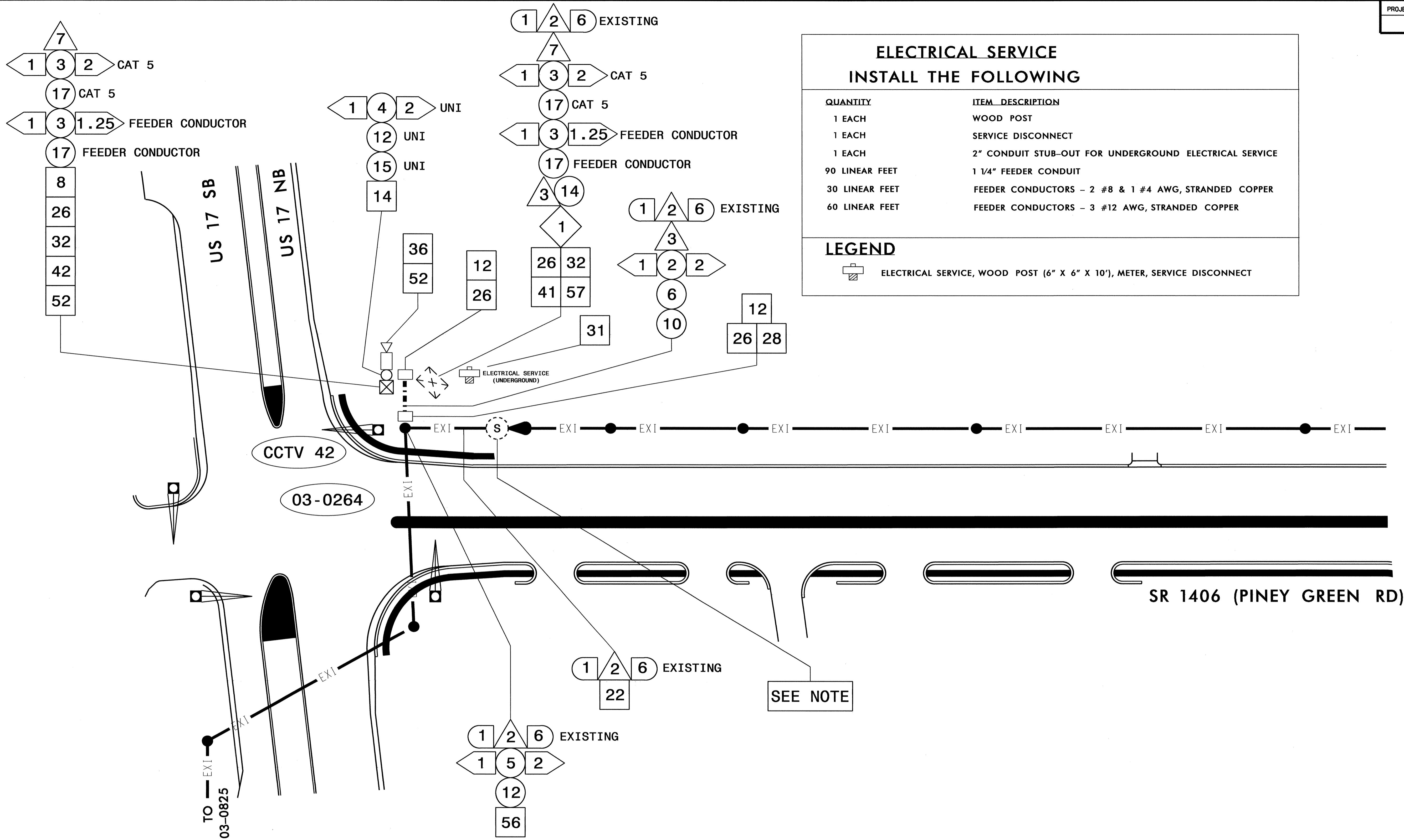
ESTIMATED DIMENSION : 15' X 8'  
 MAXIMUM DEADLOAD OF 1500 LBS

NOTES:

1. USE THE ACTUAL DIMENSIONS AND WEIGHT OF THE DMS PROVIDED BY THE DMS FABRICATOR TO COMPLETE THE DESIGN OF THE DMS STRUCTURE.
2. FIELD VERIFY ALL FOOTING ELEVATIONS AND GROUND SLOPES AT THE FOOTINGS USING THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
3. ENSURE THAT THE TOP OF THE FOOTING EXTENDS AT LEAST 6 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
4. DESIGN AND CONSTRUCT THE PEDESTAL STRUCTURE AND DMS ENCLOSURE TO WITHSTAND WIND VELOCITIES OF 130 MPH.
5. VERIFY ALL UNDERGROUND UTILITY LOCATIONS BEFORE BEGINNING ANY UNDERGROUND WORK. DO NOT DAMAGE ANY EXISTING UTILITIES OR NCDOT COMMUNICATIONS CABLE DURING CONSTRUCTION.



	<b>DMS INSTALLATION</b>	
	DIVISION 03	ONSLOW COUNTY
PLAN DATE: MAY 2012 PREPARED BY: S.C. WARDLE	REVIEWED BY: I.N. AVERY REVIEWED BY: G.A. FULLER	JACKSONVILLE DATE: 6/6/12
REVISIONS INIT. DATE	SIGNATURE: <i>Gregory A. Fuller</i> DATE: 6/6/12	



### ELECTRICAL SERVICE INSTALL THE FOLLOWING

QUANTITY	ITEM DESCRIPTION
1 EACH	WOOD POST
1 EACH	SERVICE DISCONNECT
1 EACH	2" CONDUIT STUB-OUT FOR UNDERGROUND ELECTRICAL SERVICE
90 LINEAR FEET	1 1/4" FEEDER CONDUIT
30 LINEAR FEET	FEEDER CONDUCTORS - 2 #8 & 1 #4 AWG, STRANDED COPPER
60 LINEAR FEET	FEEDER CONDUCTORS - 3 #12 AWG, STRANDED COPPER

### LEGEND

ELECTRICAL SERVICE, WOOD POST (6" X 6" X 10'), METER, SERVICE DISCONNECT

**NOTE:**  
 EXISTING SPLICE ENCLOSURE AND DROP CABLE INSTALLED UNDER PROJECT U-5168 (JACKSONVILLE SIGNAL SYSTEM). UNCOIL EXISTING DROP CABLE AND ROUTE TO CABINET AS SHOWN.

Prepared in the Offices of:

750 N. Greenfield Pkwy., Garner, NC 27529

**COMMUNICATIONS CABLE AND  
CONDUIT ROUTING PLANS**

DIVISION 03    ONSLOW COUNTY    JACKSONVILLE

PLAN DATE: MAY 2012    REVIEWED BY: I. N. AVERY

PREPARED BY: S. C. WARDLE    REVIEWED BY: G. A. FULLER

SCALE: 0

SEAL

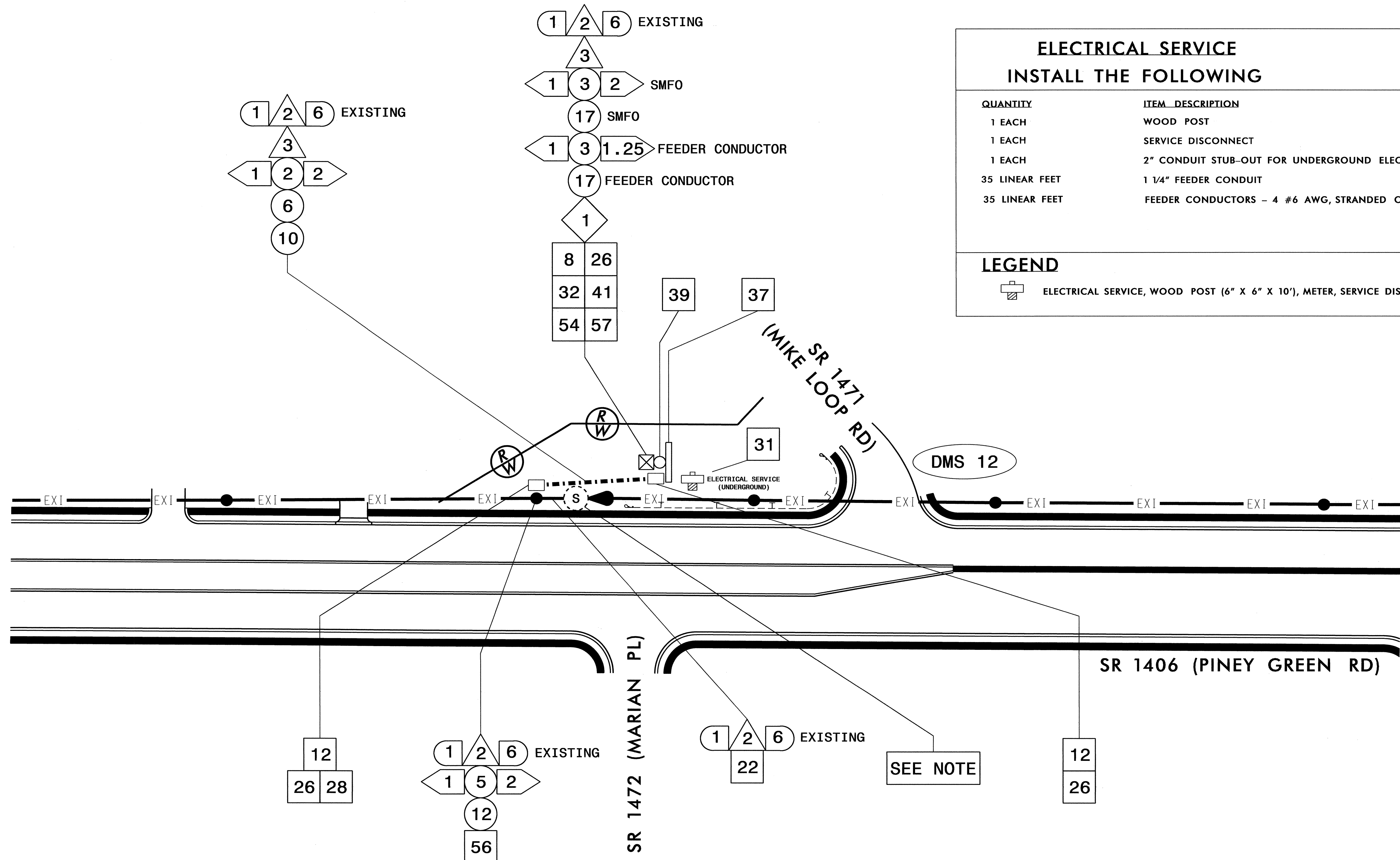
SEAL 023919

ENGINEER

GREGORY A. FULLER

REVISIONS	INIT.	DATE

6/6/12  
 SIGNATURE    DATE  
 CADD File name:



ELECTRICAL SERVICE INSTALL THE FOLLOWING	
QUANTITY	ITEM DESCRIPTION
1 EACH	WOOD POST
1 EACH	SERVICE DISCONNECT
1 EACH	2" CONDUIT STUB-OUT FOR UNDERGROUND ELECTRICAL SERVICE
35 LINEAR FEET	1 1/4" FEEDER CONDUIT
35 LINEAR FEET	FEEDER CONDUCTORS - 4 #6 AWG, STRANDED COPPER

LEGEND	
	ELECTRICAL SERVICE, WOOD POST (6" X 6" X 10'), METER, SERVICE DISCONNECT

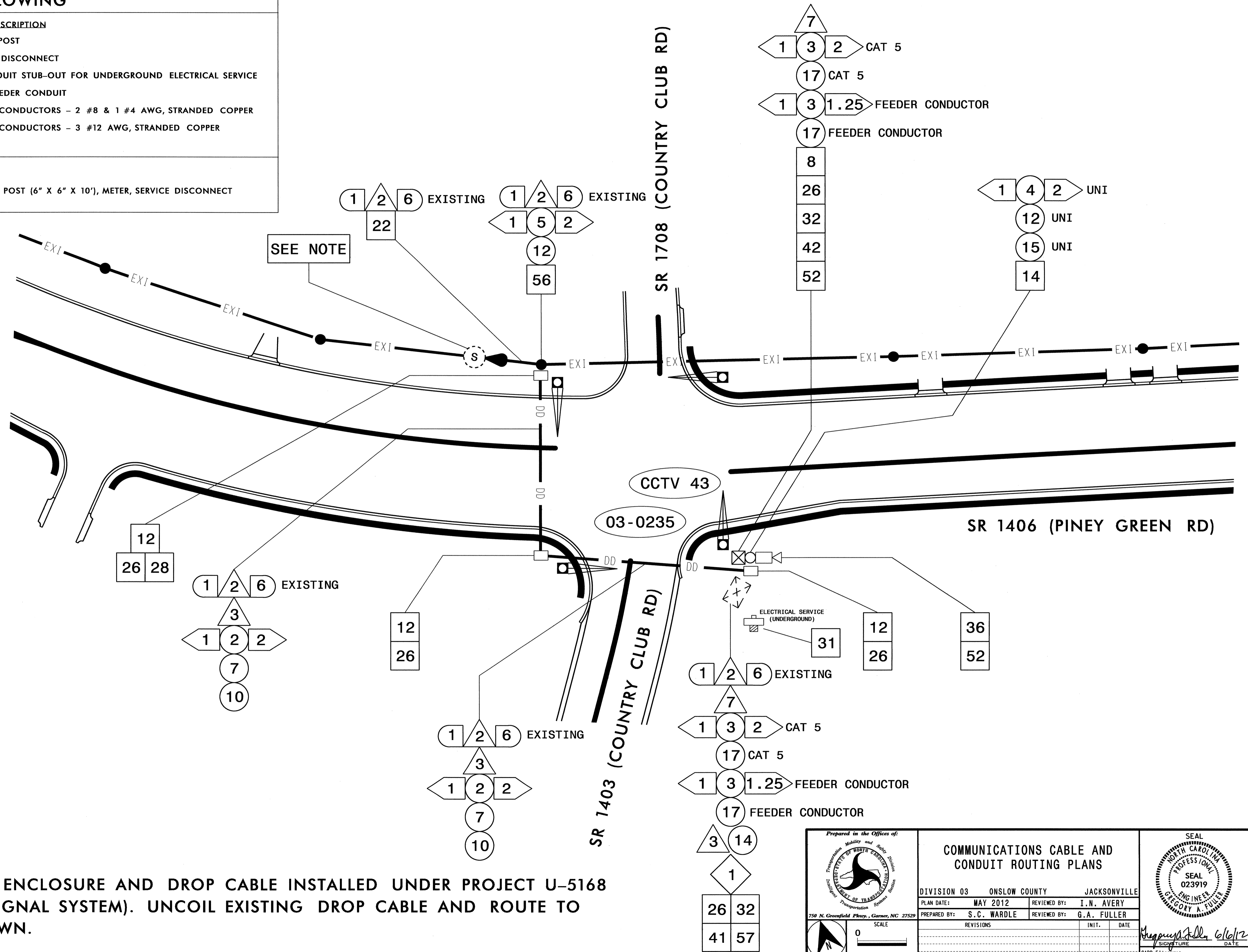
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	<b>COMMUNICATIONS CABLE AND CONDUIT ROUTING PLANS</b>		
	DIVISION 03    ONSLOW COUNTY    JACKSONVILLE		
PLAN DATE: MAY 2012 PREPARED BY: S.C. WARDLE	REVIEWED BY: I.N. AVERY REVIEWED BY: G.A. FULLER		
SCALE: 0	REVISIONS	INIT.    DATE	

ELECTRICAL SERVICE INSTALL THE FOLLOWING	
QUANTITY	ITEM DESCRIPTION
1 EACH	WOOD POST
1 EACH	SERVICE DISCONNECT
1 EACH	2" CONDUIT STUB-OUT FOR UNDERGROUND ELECTRICAL SERVICE
80 LINEAR FEET	1 1/4" FEEDER CONDUIT
30 LINEAR FEET	FEEDER CONDUCTORS - 2 #8 & 1 #4 AWG, STRANDED COPPER
50 LINEAR FEET	FEEDER CONDUCTORS - 3 #12 AWG, STRANDED COPPER

LEGEND	
	ELECTRICAL SERVICE, WOOD POST (6" X 6" X 10'), METER, SERVICE DISCONNECT



**NOTE:**  
 EXISTING SPLICE ENCLOSURE AND DROP CABLE INSTALLED UNDER PROJECT U-5168 (JACKSONVILLE SIGNAL SYSTEM). UNCOIL EXISTING DROP CABLE AND ROUTE TO CABINET AS SHOWN.

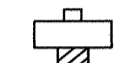
	<b>COMMUNICATIONS CABLE AND CONDUIT ROUTING PLANS</b>	
	DIVISION 03	ONslow COUNTY JACKSONVILLE
	PLAN DATE: MAY 2012	REVIEWED BY: I.N. AVERY
	PREPARED BY: S.C. WARDLE	REVIEWED BY: G.A. FULLER
750 N. Greenfield Pkwy., Garner, NC 27529	SCALE	REVISIONS
	0	INIT. DATE
		SIGNATURE DATE
		CADD File Name:

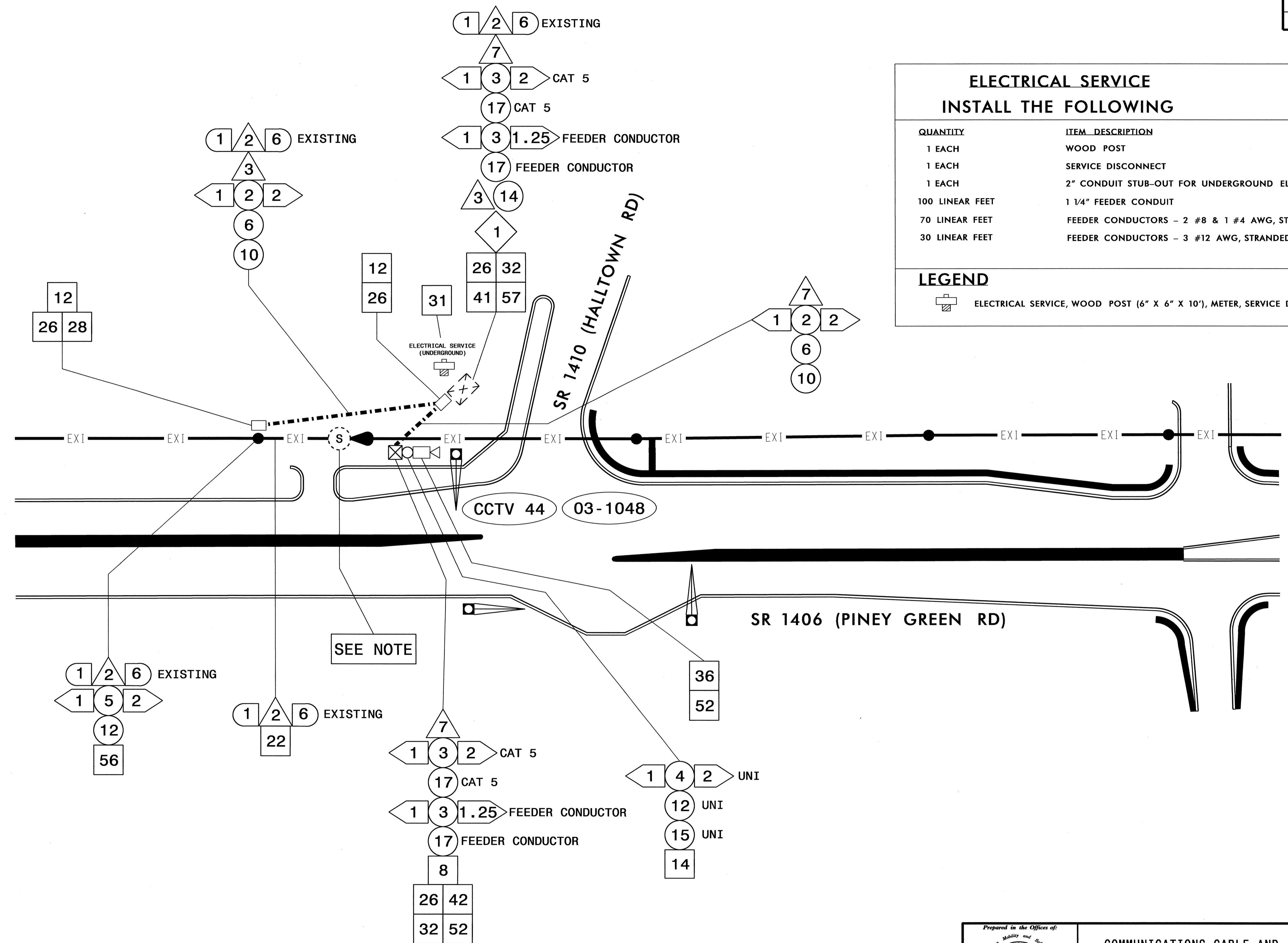


**ELECTRICAL SERVICE  
INSTALL THE FOLLOWING**


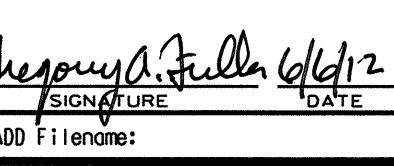
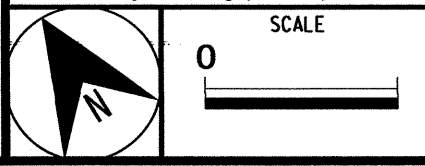
QUANTITY	ITEM DESCRIPTION
1 EACH	WOOD POST
1 EACH	SERVICE DISCONNECT
1 EACH	2" CONDUIT STUB-OUT FOR UNDERGROUND ELECTRICAL SERVICE
100 LINEAR FEET	1 1/4" FEEDER CONDUIT
70 LINEAR FEET	FEEDER CONDUCTORS - 2 #8 & 1 #4 AWG, STRANDED COPPER
30 LINEAR FEET	FEEDER CONDUCTORS - 3 #12 AWG, STRANDED COPPER

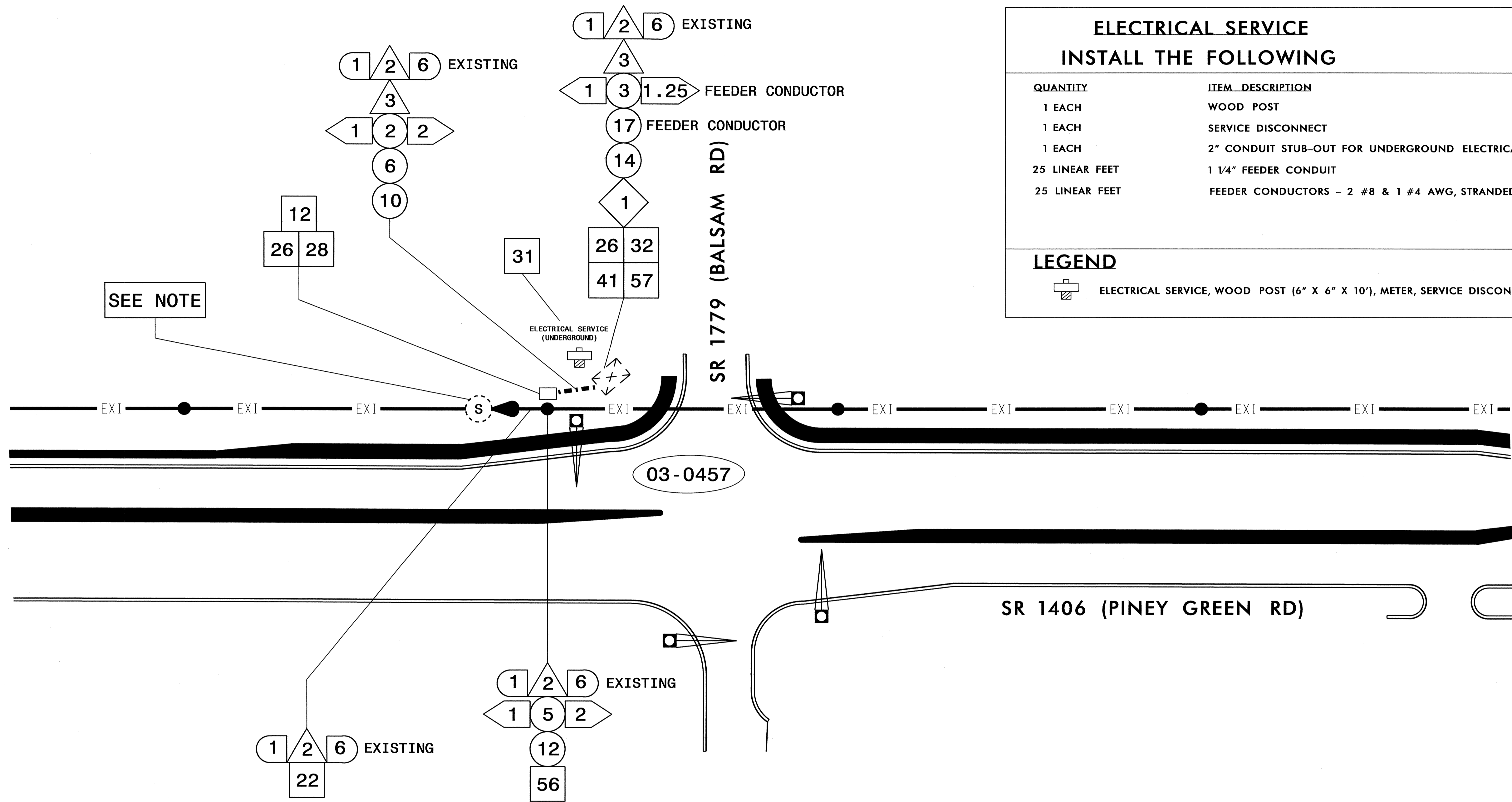
**LEGEND**

 ELECTRICAL SERVICE, WOOD POST (6" X 6" X 10'), METER, SERVICE DISCONNECT



**NOTE:**  
EXISTING SPlice ENCLOSURE AND DROP CABLE INSTALLED UNDER PROJECT U-5168 (JACKSONVILLE SIGNAL SYSTEM). UNCOIL EXISTING DROP CABLE AND ROUTE TO CABINET AS SHOWN.

	<b>COMMUNICATIONS CABLE AND CONDUIT ROUTING PLANS</b>	
	DIVISION 03 ONSLOW COUNTY JACKSONVILLE	REVIEWED BY: I.N. AVERY
	PREPARED BY: S.C. WARDLE	REVIEWED BY: G.A. FULLER
	REVISIONS	INIT. DATE
Signature: <i>Gregory A. Fuller</i> 12/12 SEAL 023919 ENGINEER GREGORY A. FULLER CADD File name:		



### ELECTRICAL SERVICE INSTALL THE FOLLOWING

QUANTITY	ITEM DESCRIPTION
1 EACH	WOOD POST
1 EACH	SERVICE DISCONNECT
1 EACH	2" CONDUIT STUB-OUT FOR UNDERGROUND ELECTRICAL SERVICE
25 LINEAR FEET	1 1/4" FEEDER CONDUIT
25 LINEAR FEET	FEEDER CONDUCTORS - 2 #8 & 1 #4 AWG, STRANDED COPPER

### LEGEND

ELECTRICAL SERVICE, WOOD POST (6" X 6" X 10'), METER, SERVICE DISCONNECT

SEE NOTE

**NOTE:**  
 EXISTING SPLICE ENCLOSURE AND DROP CABLE INSTALLED UNDER PROJECT U-5168 (JACKSONVILLE SIGNAL SYSTEM). UNCOIL EXISTING DROP CABLE AND ROUTE TO CABINET AS SHOWN.

Prepared in the Offices of:

750 N. Greenfield Pkwy., Garner, NC 27529

**COMMUNICATIONS CABLE AND  
CONDUIT ROUTING PLANS**

DIVISION 03    ONSLOW COUNTY    JACKSONVILLE

PLAN DATE: MAY 2012    REVIEWED BY: I. N. AVERY

PREPARED BY: S. C. WARDLE    REVIEWED BY: G. A. FULLER

SCALE: 0

SEAL

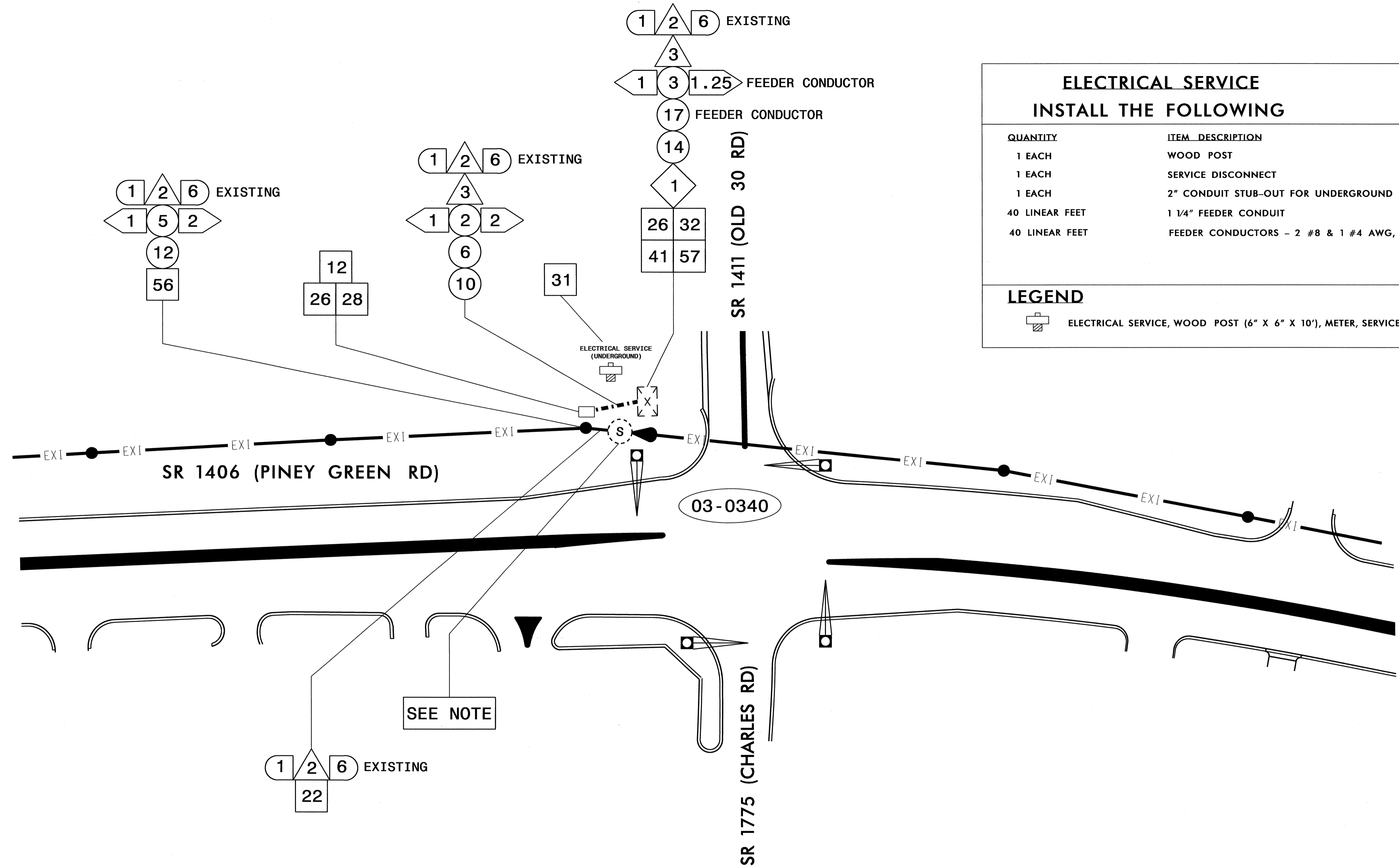
SEAL 023919

ENGINEER

GREGORY A. FULLER

REVISIONS	INIT.	DATE

6/6/12  
 SIGNATURE    DATE  
 CADD Filename:



ELECTRICAL SERVICE INSTALL THE FOLLOWING	
QUANTITY	ITEM DESCRIPTION
1 EACH	WOOD POST
1 EACH	SERVICE DISCONNECT
1 EACH	2" CONDUIT STUB-OUT FOR UNDERGROUND ELECTRICAL SERVICE
40 LINEAR FEET	1 1/4" FEEDER CONDUIT
40 LINEAR FEET	FEEDER CONDUCTORS - 2 #8 & 1 #4 AWG, STRANDED COPPER

LEGEND	
	ELECTRICAL SERVICE, WOOD POST (6" X 6" X 10'), METER, SERVICE DISCONNECT

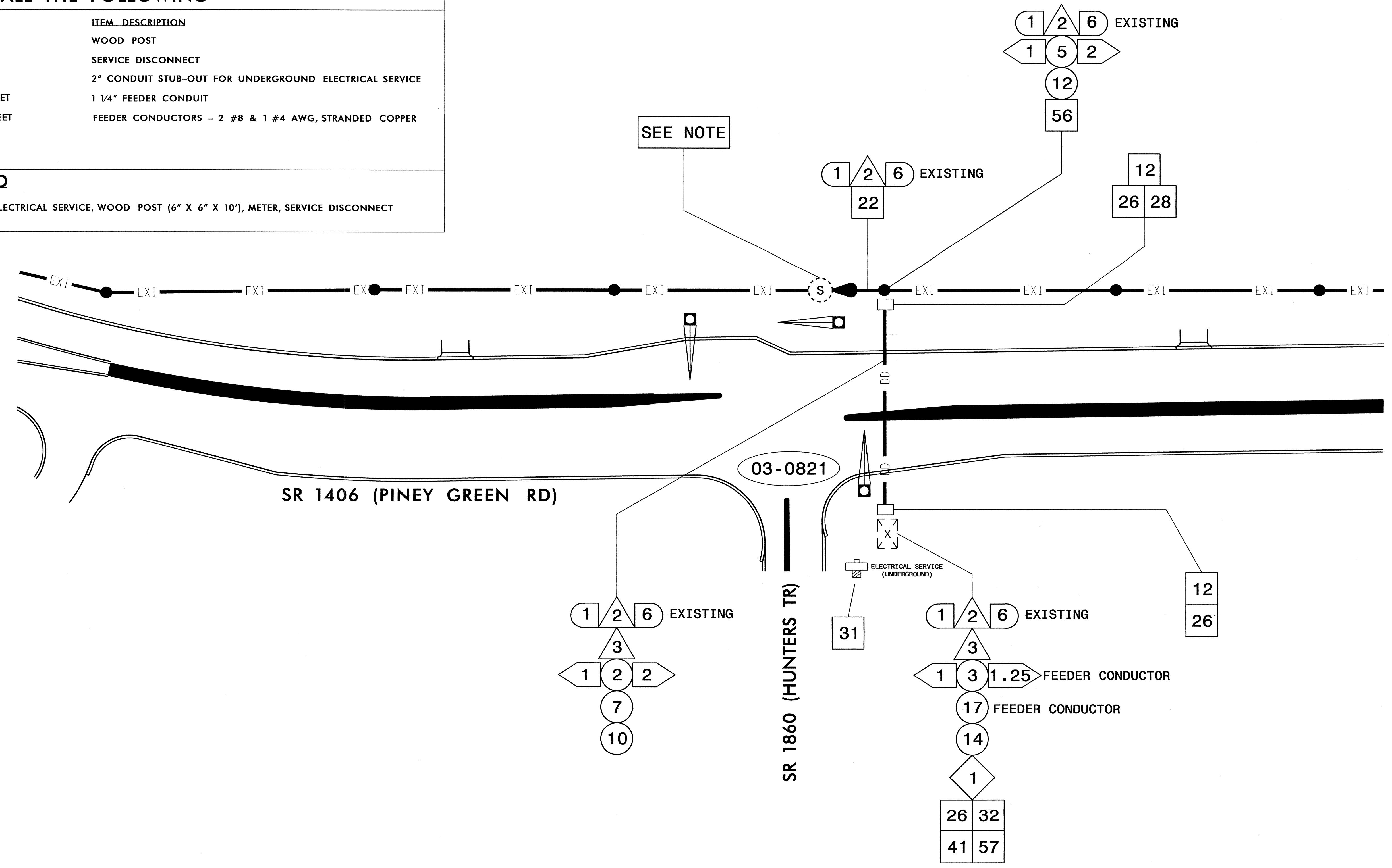
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	<b>COMMUNICATIONS CABLE AND CONDUIT ROUTING PLANS</b>		
	DIVISION 03    ONSLOW COUNTY    JACKSONVILLE PLAN DATE: MAY 2012    REVIEWED BY: I. N. AVERY PREPARED BY: S. C. WARDLE    REVIEWED BY: G. A. FULLER	REVISIONS _____ _____ _____	
250 N. Greenfield Pkwy., Garner, NC 27529 SCALE: 0' = _____ 	SIGNATURE: <i>Gregory A. Fuller</i> DATE: 6/6/12 SEAL: _____ CADD File name: _____		

ELECTRICAL SERVICE INSTALL THE FOLLOWING	
QUANTITY	ITEM DESCRIPTION
1 EACH	WOOD POST
1 EACH	SERVICE DISCONNECT
1 EACH	2" CONDUIT STUB-OUT FOR UNDERGROUND ELECTRICAL SERVICE
25 LINEAR FEET	1 1/4" FEEDER CONDUIT
25 LINEAR FEET	FEEDER CONDUCTORS - 2 #8 & 1 #4 AWG, STRANDED COPPER

LEGEND	
	ELECTRICAL SERVICE, WOOD POST (6" X 6" X 10'), METER, SERVICE DISCONNECT



**NOTE:**  
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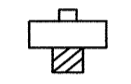
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	PLAN DATE: MAY 2012	REVIEWED BY: I.N. AVERY
	PREPARED BY: S.C. WARDLE	REVIEWED BY: G.A. FULLER
SCALE: 0 		REVISIONS: _____ INIT.: _____ DATE: _____ SIGNATURE: <i>Gregory A. Fuller</i> 6/6/12 DATE: _____ CADD Filename: _____

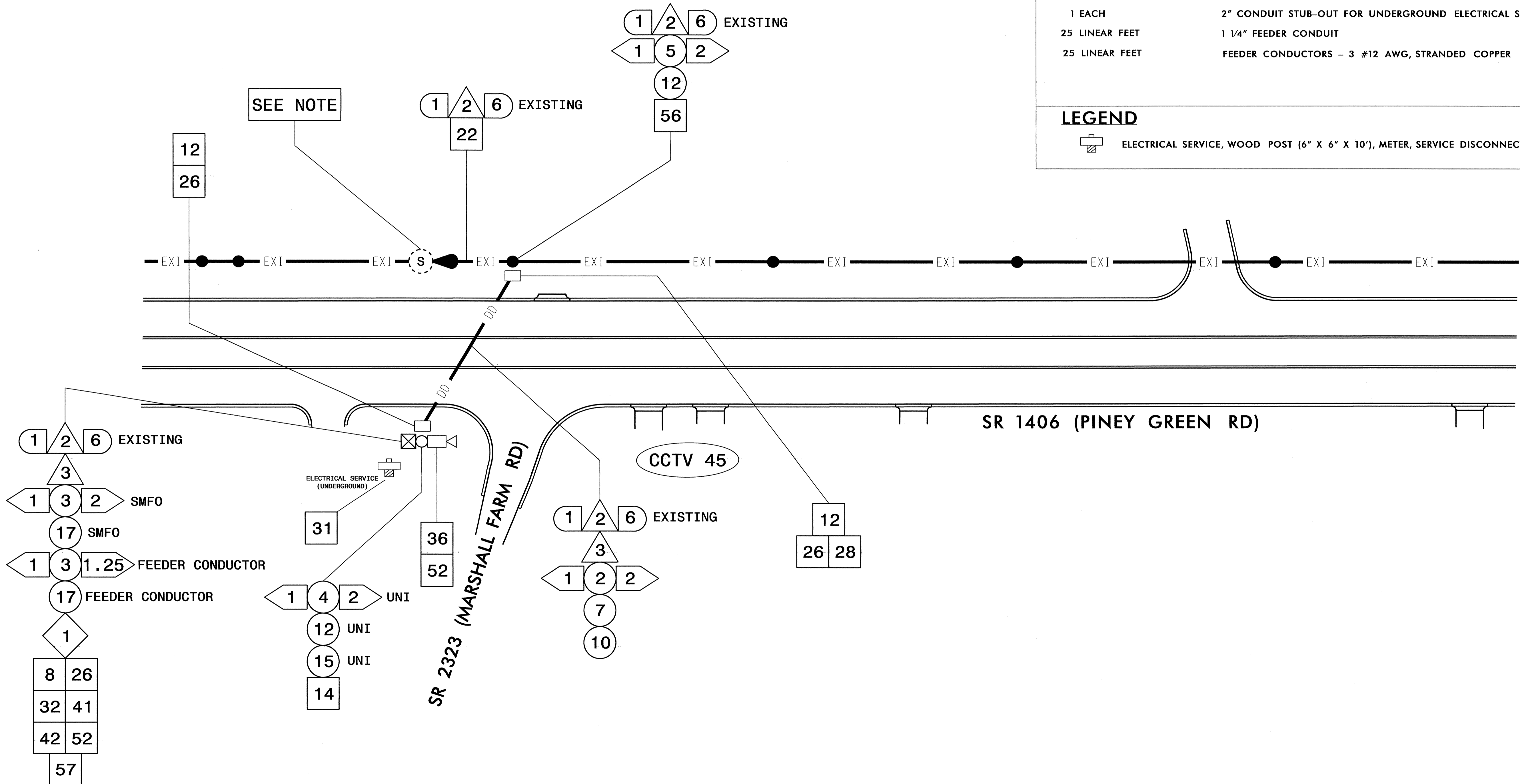
### ELECTRICAL SERVICE INSTALL THE FOLLOWING

QUANTITY	ITEM DESCRIPTION
1 EACH	WOOD POST
1 EACH	SERVICE DISCONNECT
1 EACH	2" CONDUIT STUB-OUT FOR UNDERGROUND ELECTRICAL SERVICE
25 LINEAR FEET	1 1/4" FEEDER CONDUIT
25 LINEAR FEET	FEEDER CONDUCTORS - 3 #12 AWG, STRANDED COPPER

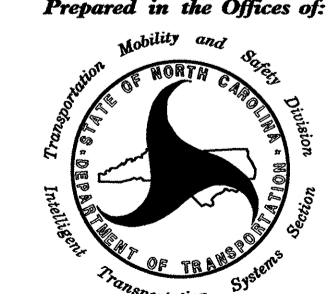
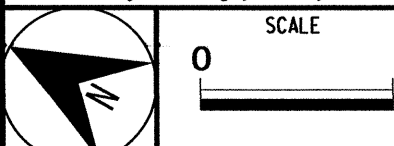
#### LEGEND

 ELECTRICAL SERVICE, WOOD POST (6" X 6" X 10'), METER, SERVICE DISCONNECT



**NOTE:**

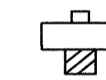
EXISTING SPLICE ENCLOSURE AND DROP CABLE INSTALLED UNDER PROJECT U-5168 (JACKSONVILLE SIGNAL SYSTEM). UNCOIL EXISTING DROP CABLE AND ROUTE TO CABINET AS SHOWN.

 Prepared in the Offices of: Transportation Mobility and Safety Division UNIVERSITY OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION 750 N. Greenfield Pkwy., Garner, NC 27529	<b>COMMUNICATIONS CABLE AND CONDUIT ROUTING PLANS</b>		SEAL NORTH CAROLINA PROFESSIONAL SEAL 023919 ENGINEER GREGORY A. FULLER
	DIVISION 03    ONSLOW COUNTY    JACKSONVILLE PLAN DATE: MAY 2012    REVIEWED BY: I.N. AVERY PREPARED BY: S.C. WARDLE    REVIEWED BY: G.A. FULLER	REVISIONS _____ _____ _____	
	SIGNATURE: <i>Gregory A. Fuller</i> DATE: 6/6/12 CADD File Name:		

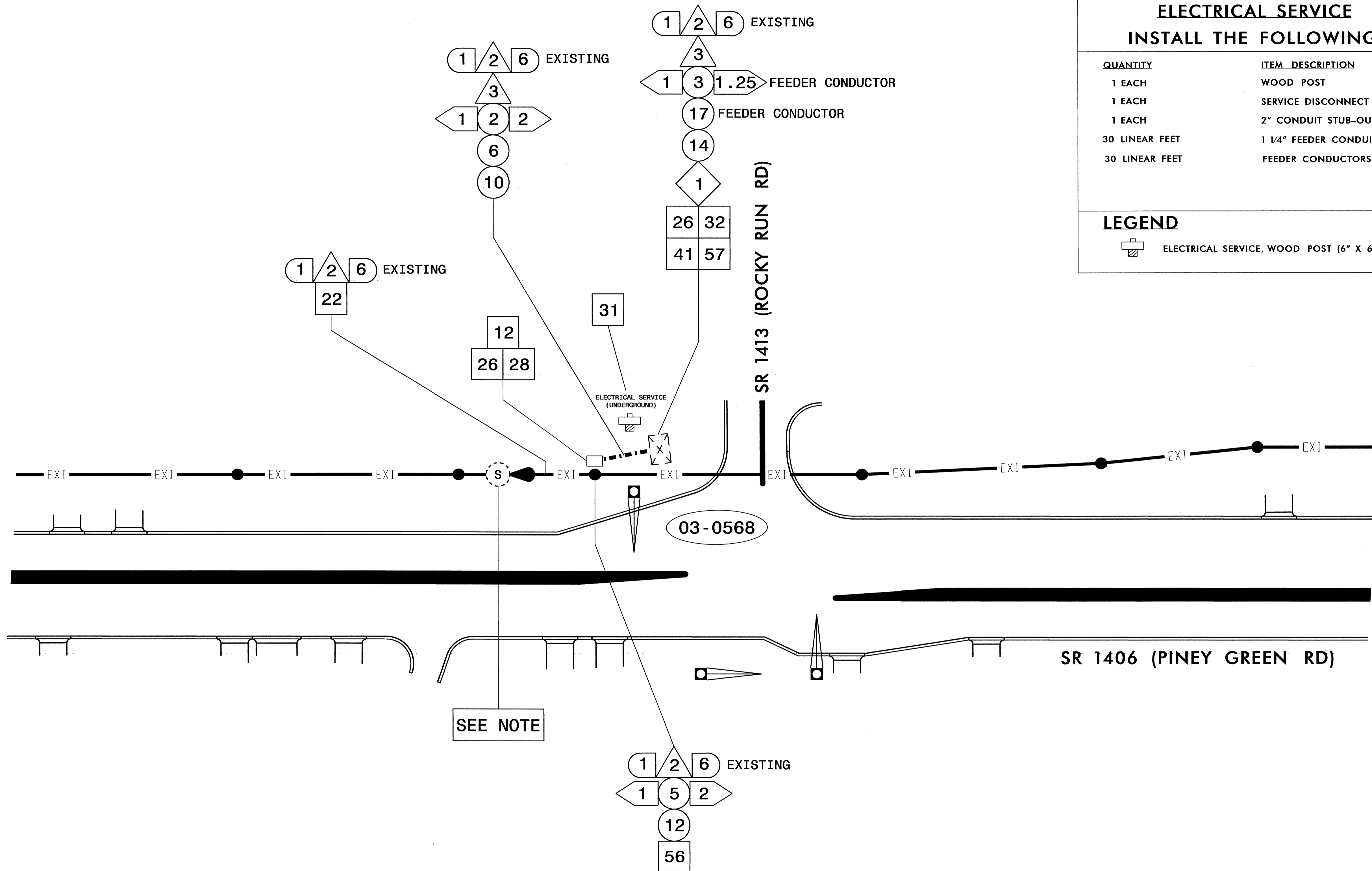
**ELECTRICAL SERVICE  
INSTALL THE FOLLOWING**

QUANTITY	ITEM DESCRIPTION
1 EACH	WOOD POST
1 EACH	SERVICE DISCONNECT
1 EACH	2" CONDUIT STUB-OUT FOR UNDERGROUND ELECTRICAL SERVICE
30 LINEAR FEET	1 1/4" FEEDER CONDUIT
30 LINEAR FEET	FEEDER CONDUCTORS - 2 #8 & 1 #4 AWG, STRANDED COPPER

**LEGEND**



ELECTRICAL SERVICE, WOOD POST (6" X 6" X 10'), METER, SERVICE DISCONNECT



**NOTE:**

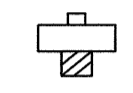
EXISTING SPLICE ENCLOSURE AND DROP CABLE INSTALLED UNDER PROJECT U-5168 (JACKSONVILLE SIGNAL SYSTEM). UNCOIL EXISTING DROP CABLE AND ROUTE TO CABINET AS SHOWN.

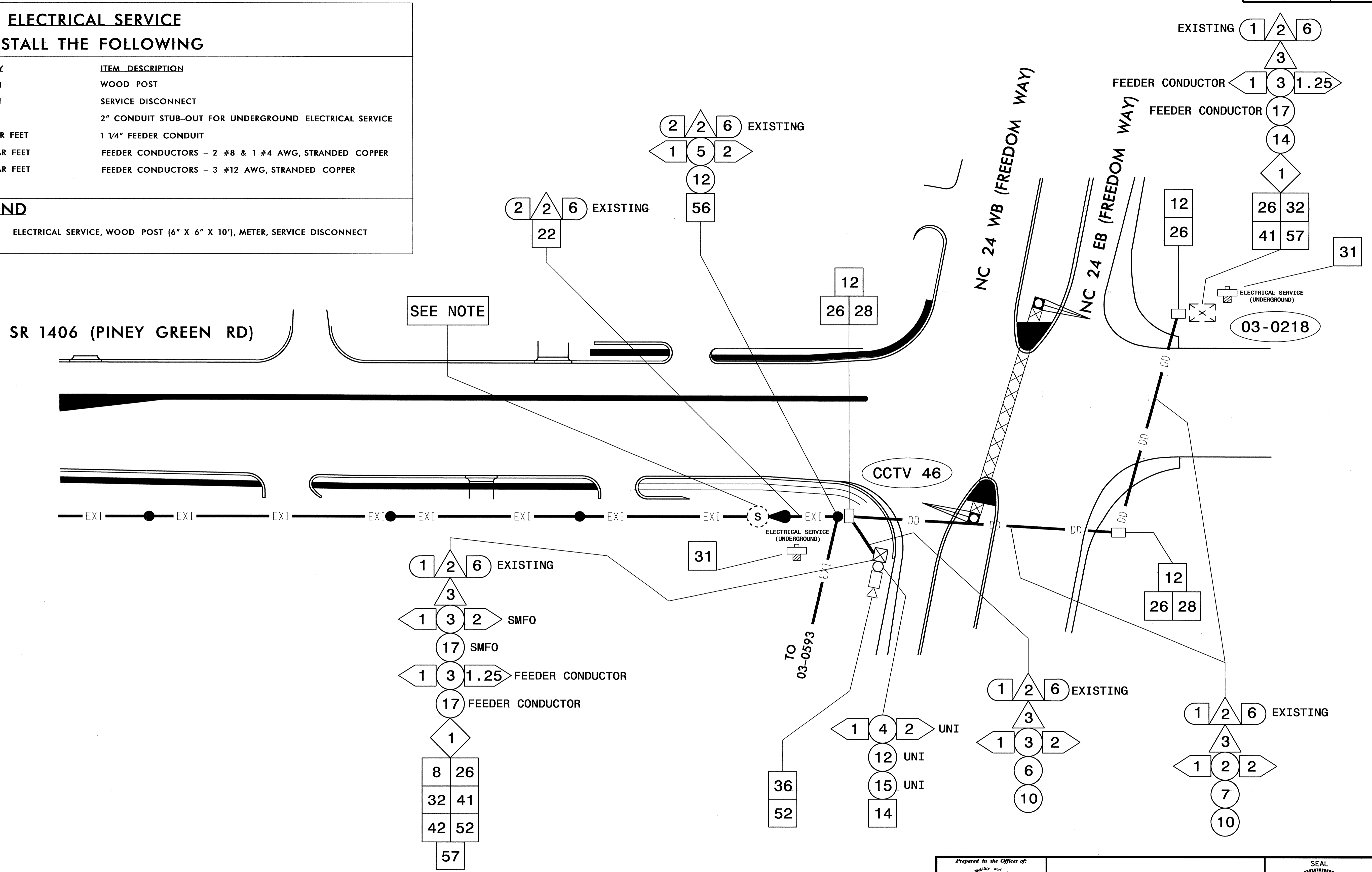
	<b>COMMUNICATIONS CABLE AND CONDUIT ROUTING PLANS</b>		
	DIVISION 03	ONSLow COUNTY	JACKSONVILLE
	PLAN DATE: MAY 2012	REVIEWED BY: I.N. AVERY	
	PREPARED BY: S.C. WARDLE	REVIEWED BY: G.A. FULLER	
SCALE: 0	REVISIONS	INIT. DATE	
		DATE	
CADD File Name:			

**ELECTRICAL SERVICE  
INSTALL THE FOLLOWING**



QUANTITY	ITEM DESCRIPTION
2 EACH	WOOD POST
2 EACH	SERVICE DISCONNECT
1 EACH	2" CONDUIT STUB-OUT FOR UNDERGROUND ELECTRICAL SERVICE
60 LINEAR FEET	1 1/4" FEEDER CONDUIT
30 LINEAR FEET	FEEDER CONDUCTORS - 2 #8 & 1 #4 AWG, STRANDED COPPER
30 LINEAR FEET	FEEDER CONDUCTORS - 3 #12 AWG, STRANDED COPPER

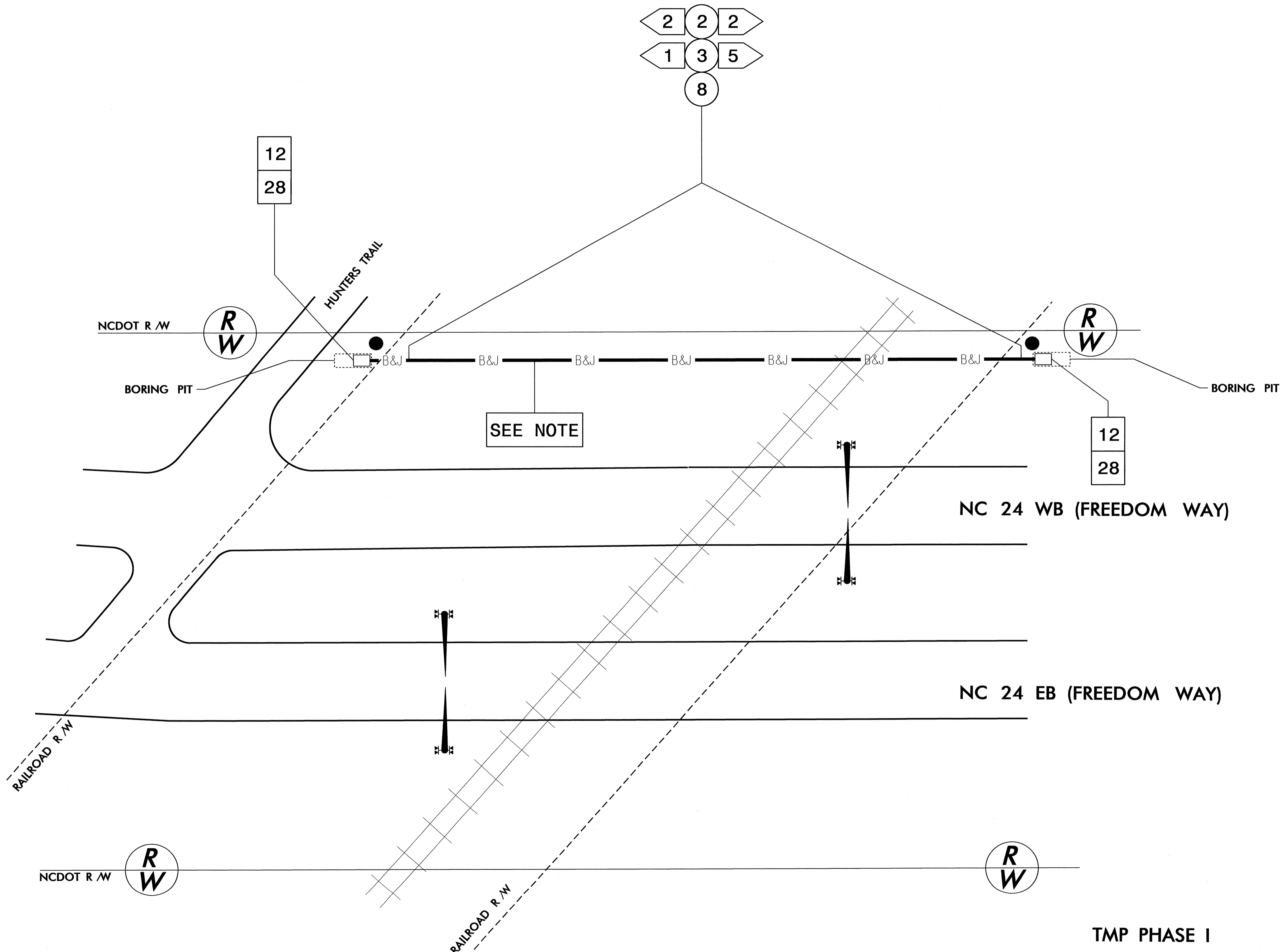
**LEGEND**

 ELECTRICAL SERVICE, WOOD POST (6" X 6" X 10'), METER, SERVICE DISCONNECT



**NOTE:**  
EXISTING SPLICE ENCLOSURE AND DROP CABLES INSTALLED UNDER PROJECT U-5168 (JACKSONVILLE SIGNAL SYSTEM). UNCOIL EXISTING DROP CABLES AND ROUTE TO CABINETS AS SHOWN.

 Prepared in the Offices of:  750 N. Greenfield Pkwy., Garner, NC 27529	<b>COMMUNICATIONS CABLE AND CONDUIT ROUTING PLANS</b>		SEAL GREGORY A. FULLER ENGINEER License No. 023919
	DIVISION 03 ONSLOW COUNTY JACKSONVILLE		
	PLAN DATE: MAY 2012	REVIEWED BY: I. N. AVERY	
	PREPARED BY: S. C. WARDLE	REVIEWED BY: G. A. FULLER	
SCALE: 0	REVISIONS:	INIT. DATE:	
CADD File Name:			



**NOTE:**

BORE AND JACK 5" RIGID, GALVANIZED STEEL CONDUIT. INSTALL TWO HDPE INNERDUCTS (2" EA) INSIDE STEEL CONDUIT FOR FUTURE USE BY OTHERS. MAINTAIN MINIMUM 4' DEPTH UNDER RAILROAD RIGHT OF WAY. COORDINATE CONDUIT INSTALLATION WITH TRACK CLOSURE ALONG PINEY GREEN ROAD.

**TMP PHASE I**

	<b>COMMUNICATIONS CABLE AND CONDUIT ROUTING PLANS</b>		
	DIVISION 03    ONSLOW COUNTY    JACKSONVILLE PLAN DATE:    MAY 2012    REVIEWED BY:    I.N. AVERY	PREPARED BY:    S.C. WARDLE    REVIEWED BY:    G.A. FULLER	
750 N. Greenfield Pkwy., Garner, NC 27529 SCALE:    0    1" = 100'	REVISIONS:	INIT.:	DATE:
Signature: <i>Gregory A. Fuller</i> 6/12/12 DATE:			SEAL:



EXISTING  
SPLICE ENCLOSURE AT  
SR 1406 (PINEY GREEN RD)  
AND  
US 17 (N MARINE BLVD)  
03-0264

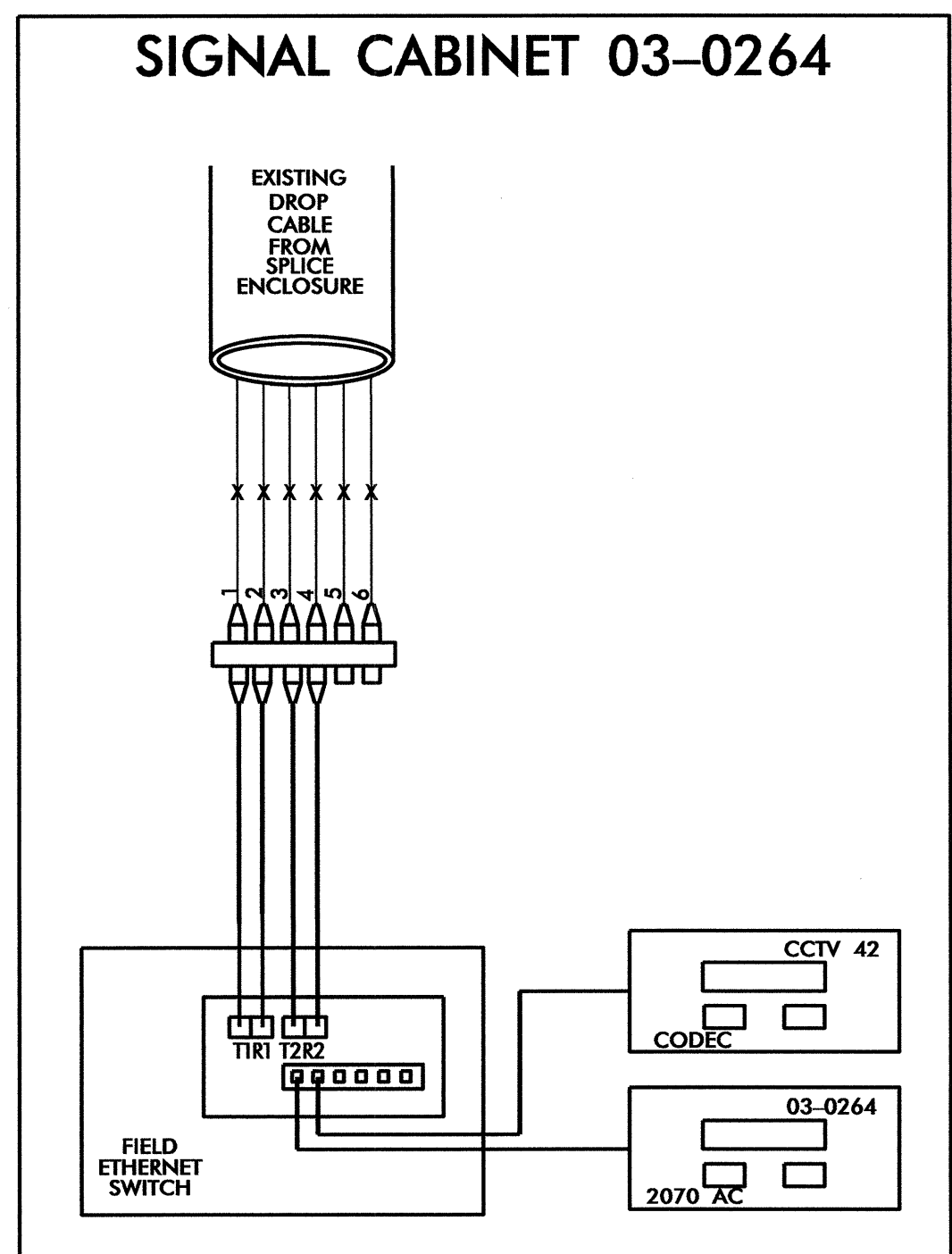
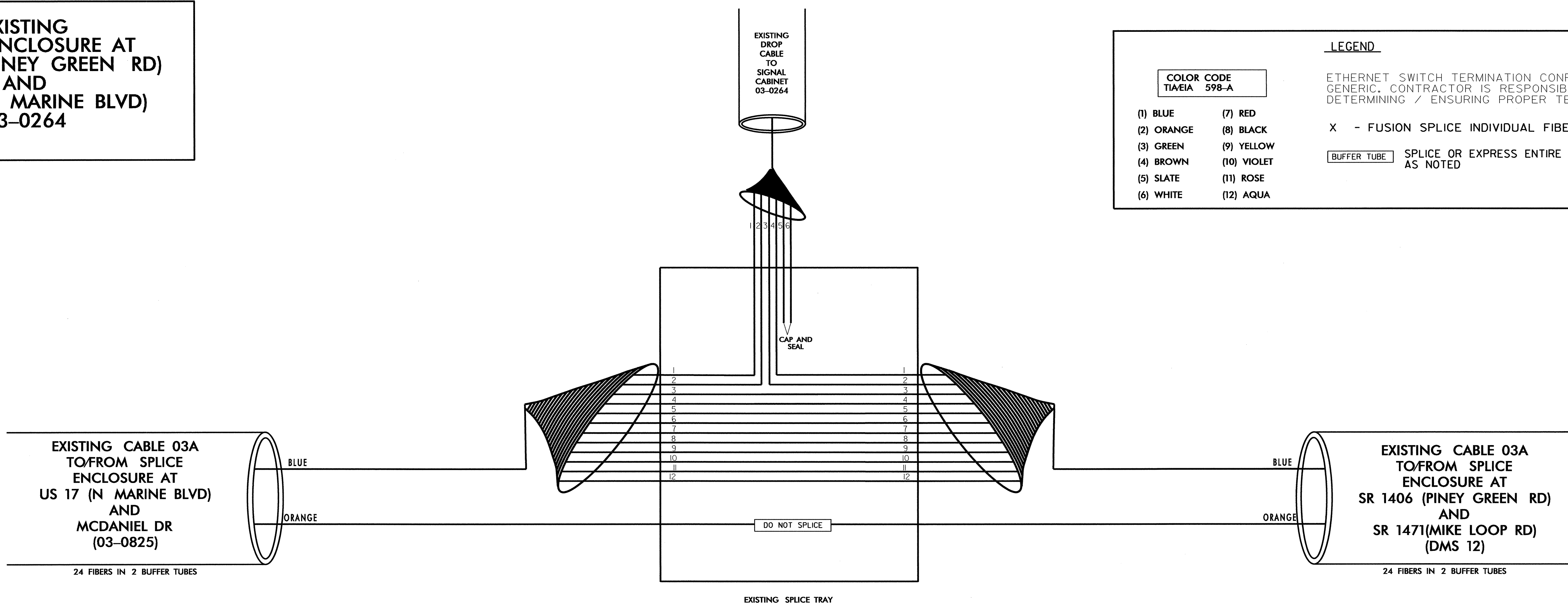
**LEGEND**

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

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



NOTE: EXISTING SPLICE ENCLOSURE SHOWN FOR INFORMATIONAL PURPOSES ONLY. DO NOT DISTURB EXISTING SPLICE CONFIGURATION.

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

	<b>SPLICE PLAN</b> <b>ALONG SR 1406</b> <b>(PINEY GREEN ROAD)</b>	
	DIVISION 03    ONSLOW COUNTY    JACKSONVILLE PLAN DATE: MAY 2012    REVIEWED BY: I.N. AVERY PREPARED BY: S.C. WARDLE    REVIEWED BY: G.A. FULLER	REVISIONS    INIT.    DATE
	Signature: <i>Gregory A. Fuller</i> Date: 6/6/12 CADD File Name:	

EXISTING  
 SPLICE ENCLOSURE AT  
 SR 1406 (PINEY GREEN RD)  
 AND  
 SR 1471(MIKE LOOP RD)  
 DMS 12

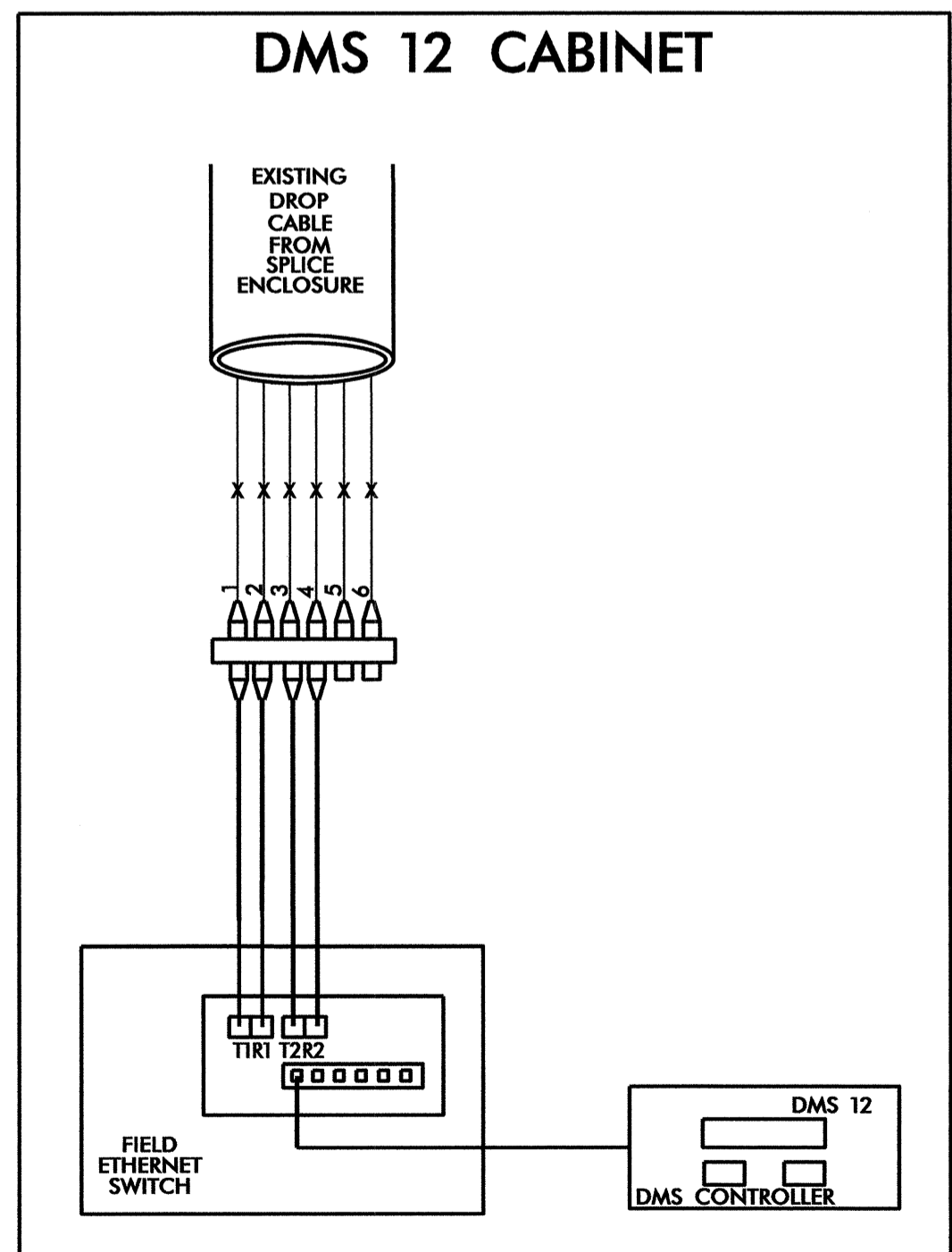
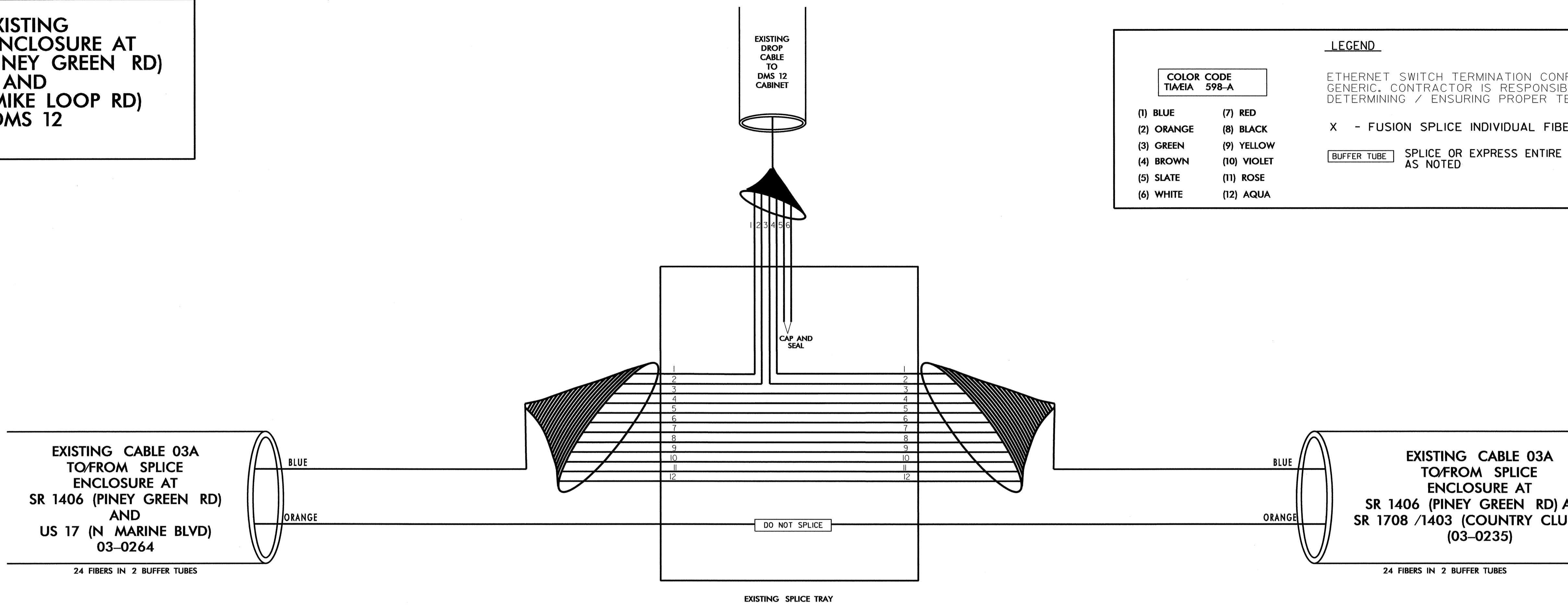
**LEGEND**

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

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



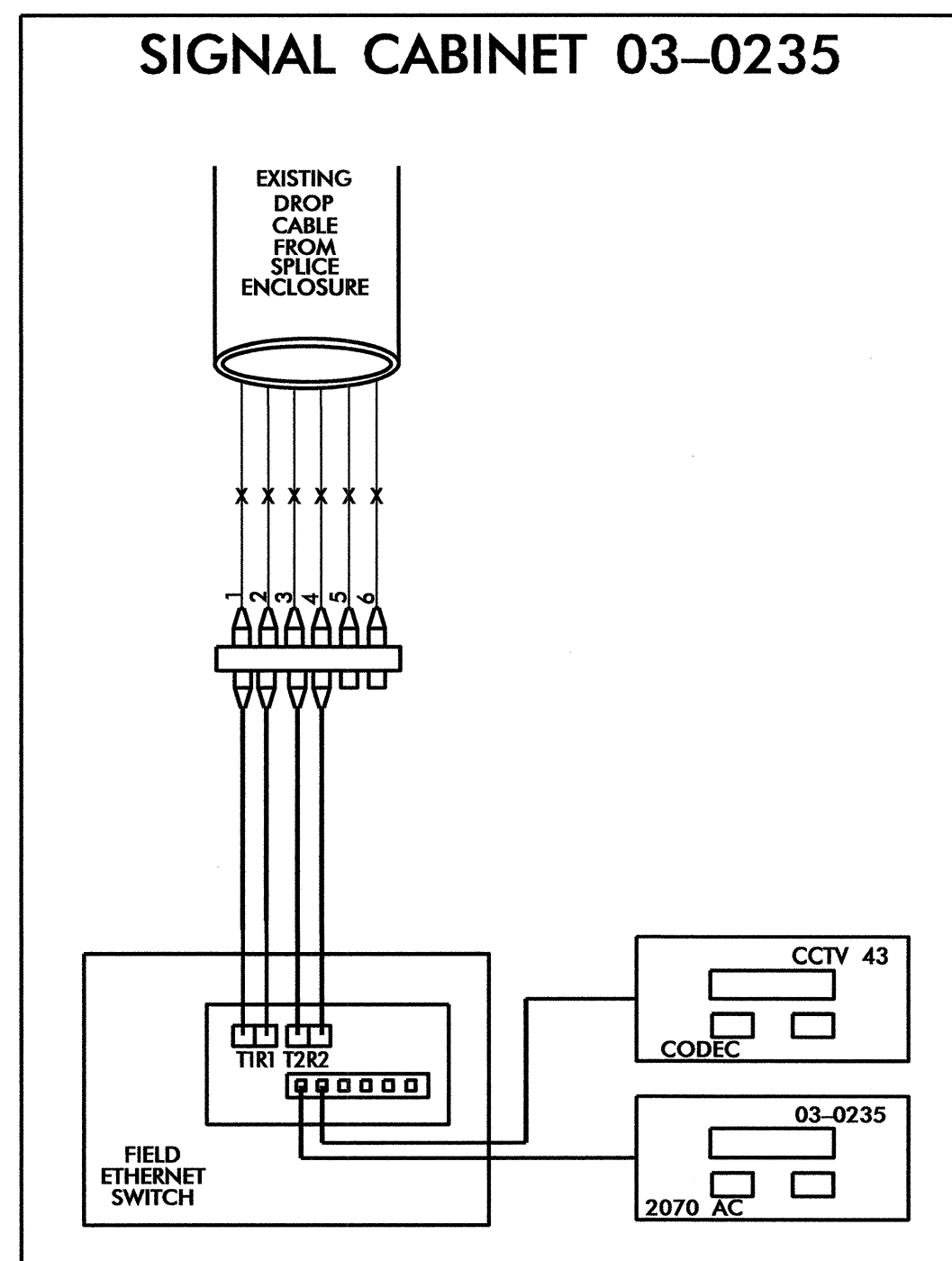
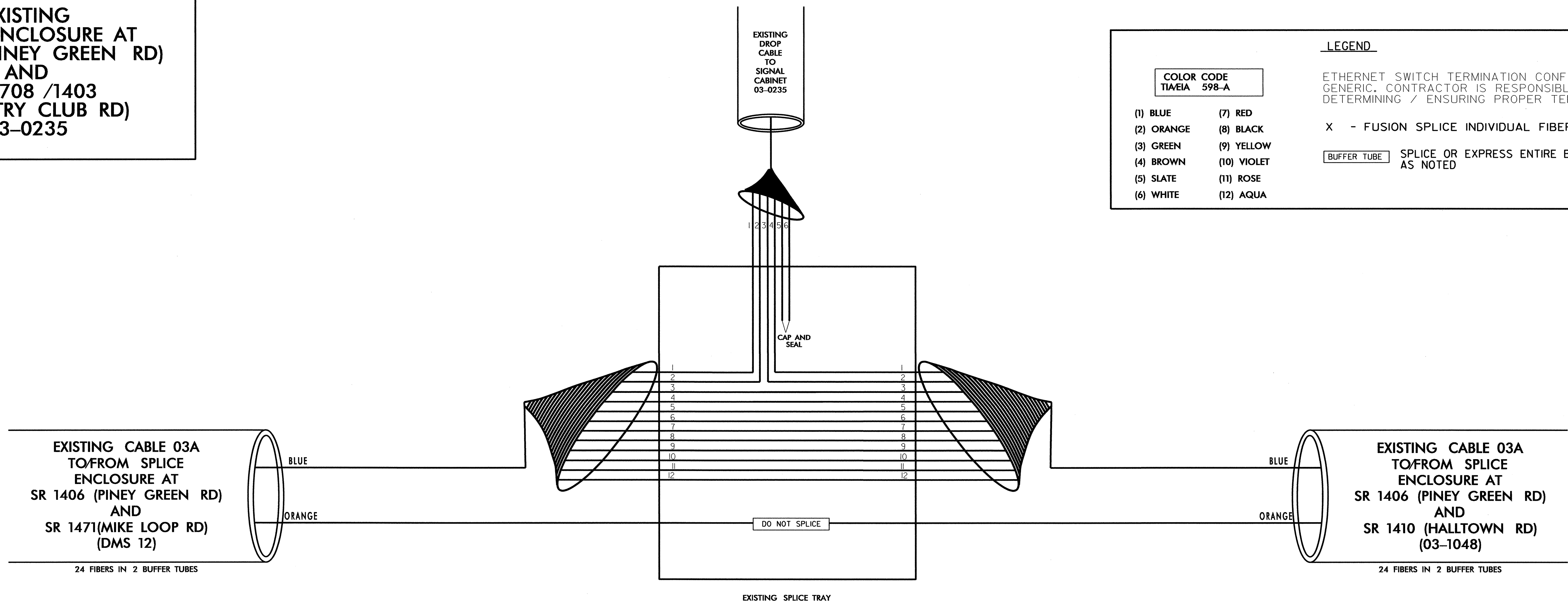
NOTE: EXISTING SPLICE ENCLOSURE SHOWN FOR INFORMATIONAL PURPOSES ONLY. DO NOT DISTURB EXISTING SPLICE CONFIGURATION.

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

	<b>SPLICE PLAN</b> <b>ALONG SR 1406</b> <b>(PINEY GREEN ROAD)</b>		
	DIVISION 03 ONSLOW COUNTY JACKSONVILLE		
PLAN DATE: MAY 2012	REVIEWED BY: I. N. AVERY	PREPARED BY: S. C. WARDLE	REVIEWED BY: G. A. FULLER
SCALE: 0	REVISIONS	INIT.	DATE
Signature: <i>Gregory A. Fuller</i>		Signature: <i>S. C. Wardle</i>	

**EXISTING  
SPLICE ENCLOSURE AT  
SR 1406 (PINEY GREEN RD)  
AND  
SR 1708 /1403  
(COUNTRY CLUB RD)  
03-0235**

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



**NOTE: EXISTING SPLICE ENCLOSURE SHOWN FOR INFORMATIONAL  
PURPOSES ONLY. DO NOT DISTURB EXISTING SPLICE  
CONFIGURATION.**

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

	<b>SPLICE PLAN ALONG SR 1406 (PINEY GREEN ROAD)</b>			
	DIVISION 03	ONSLOW COUNTY		JACKSONVILLE
	PLAN DATE: MAY 2012	PREPARED BY: S.C. WARDLE		REVIEWED BY: I.N. AVERY
	REVISIONS	INIT.		DATE
	SCALE: 0' = _____		SIGNATURE: <i>Gregory A. Fuller</i> DATE: 6/12/12 CADD File name:	

EXISTING SPLICE ENCLOSURE AT SR 1406 (PINEY GREEN RD) AND SR 1410 (HALLTOWN RD) 03-1048

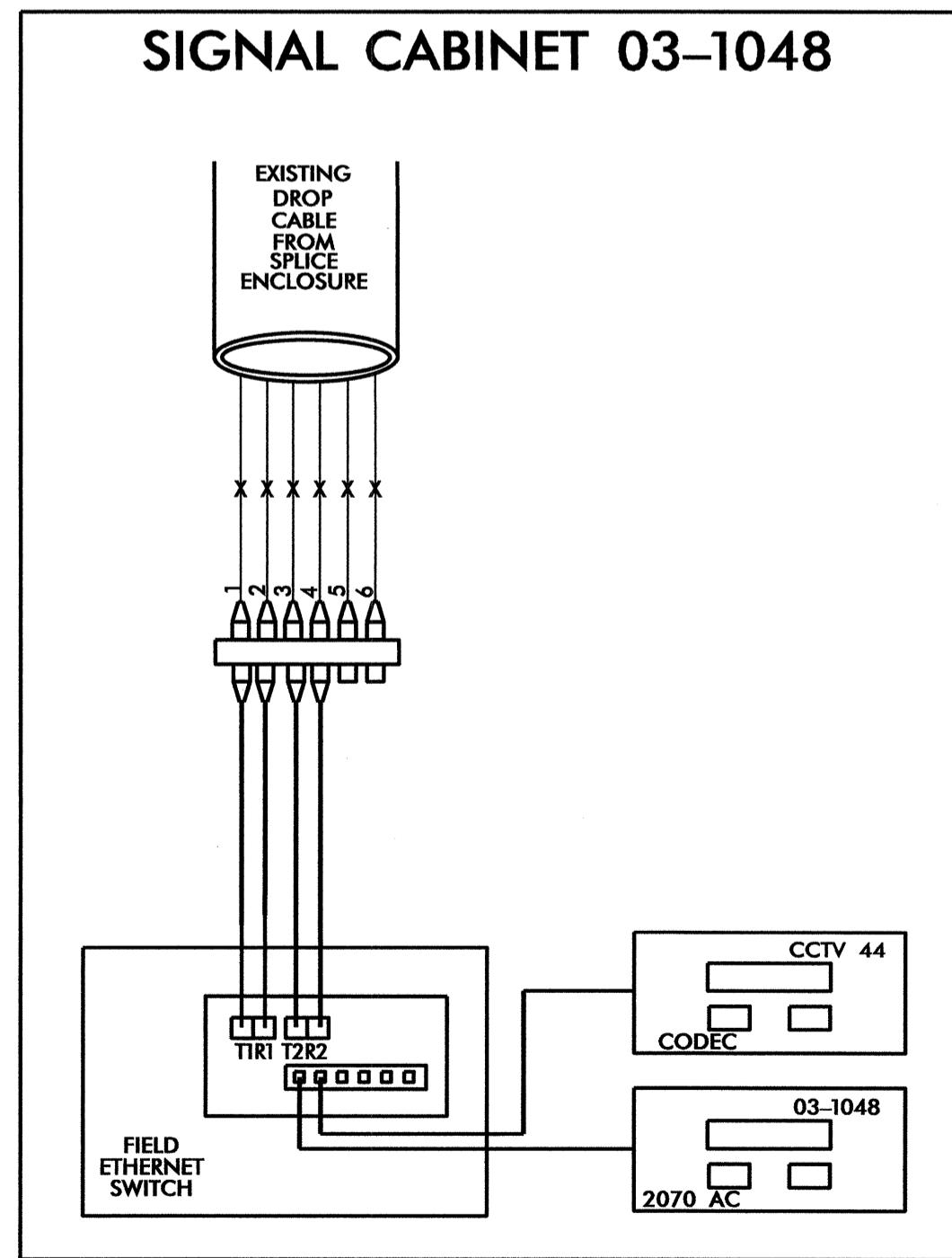
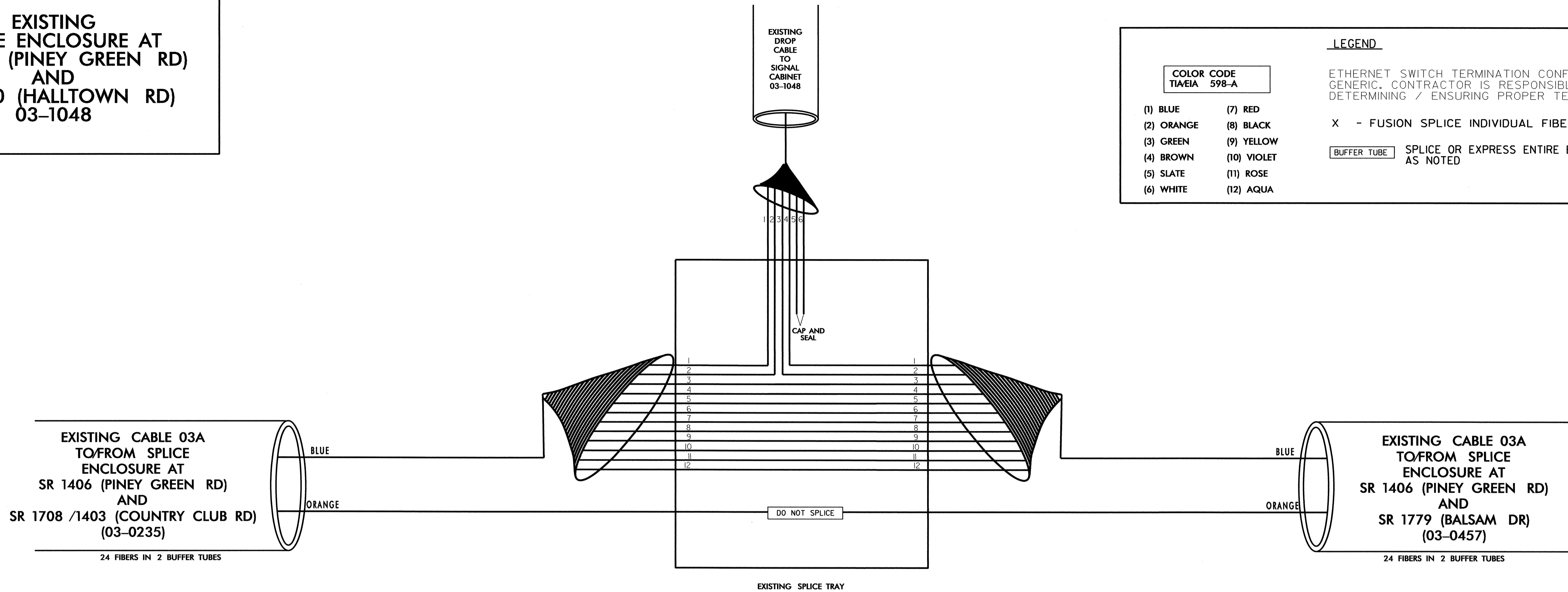
**LEGEND**

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

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



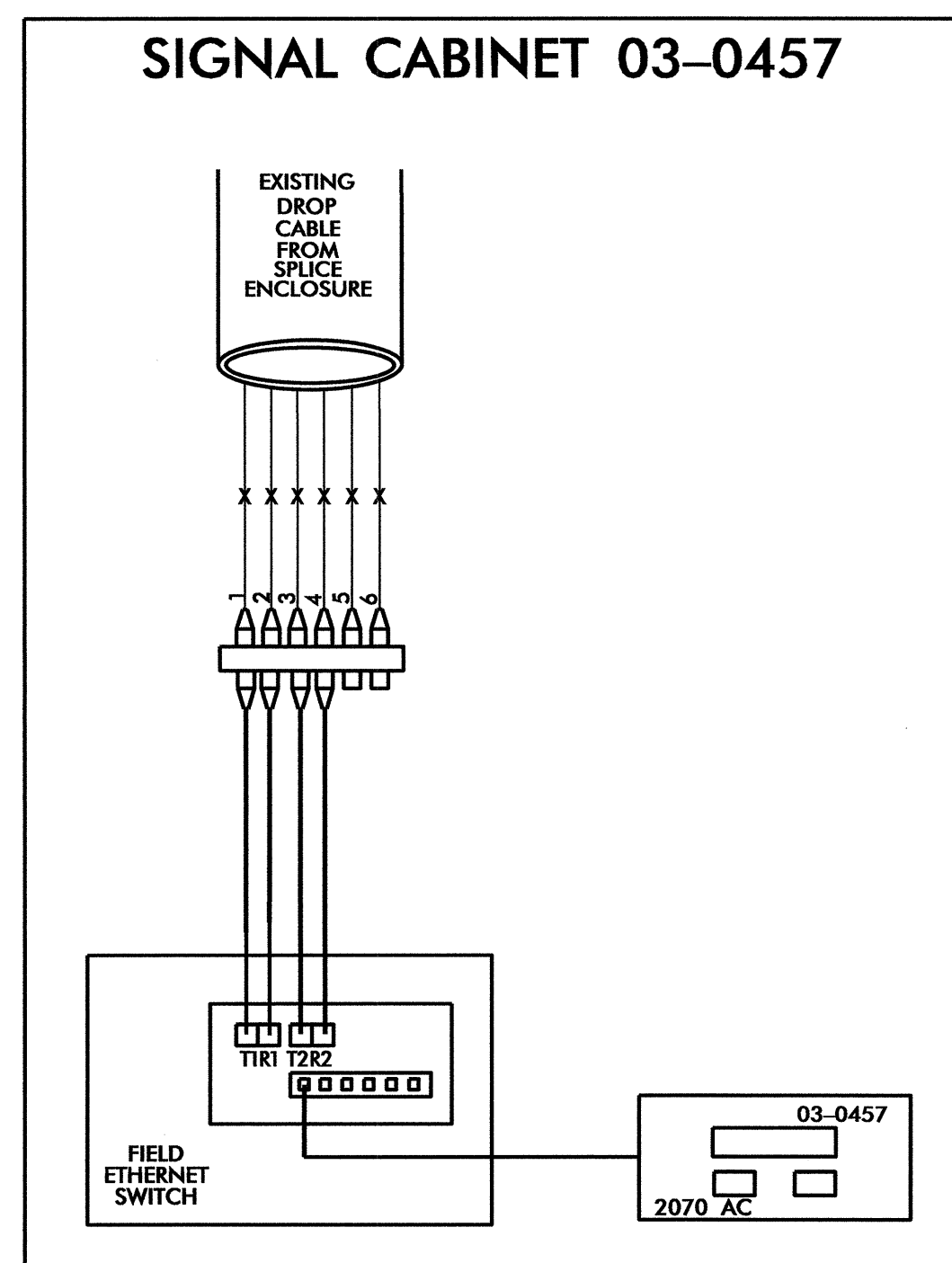
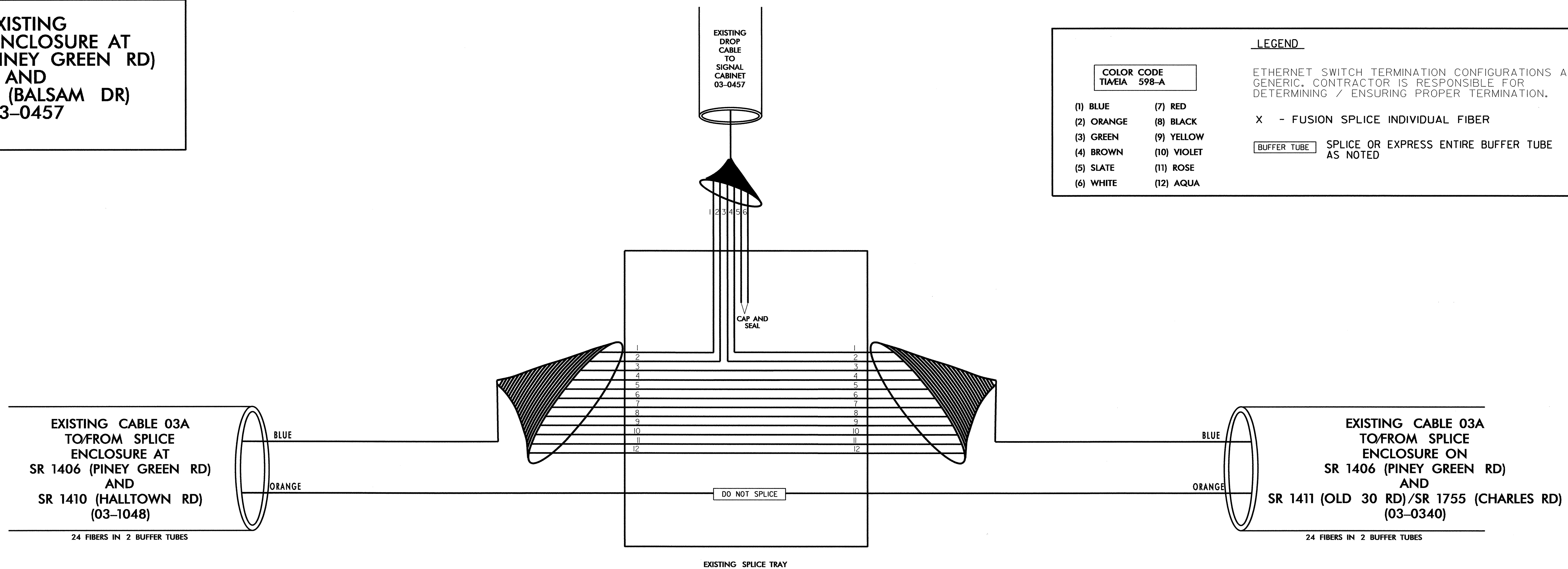
NOTE: EXISTING SPLICE ENCLOSURE SHOWN FOR INFORMATIONAL PURPOSES ONLY. DO NOT DISTURB EXISTING SPLICE CONFIGURATION.

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

Prepared in the Offices of:  
**SPLICE PLAN ALONG SR 1406 (PINEY GREEN ROAD)**  
 DIVISION 03 ONSLOW COUNTY JACKSONVILLE  
 PLAN DATE: MAY 2012 REVIEWED BY: I.N. AVERY  
 PREPARED BY: S.C. WARDLE REVIEWED BY: G.A. FULLER  
 SCALE: 0  
 REVISIONS: \_\_\_\_\_ INIT.: \_\_\_\_\_ DATE: \_\_\_\_\_  
 SIGNATURE: *Gregory A. Fuller* 6/6/12  
 SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 023919  
 CADD File name: \_\_\_\_\_

EXISTING  
 SPLICE ENCLOSURE AT  
 SR 1406 (PINEY GREEN RD)  
 AND  
 SR 1779 (BALSAM DR)  
 03-0457

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



NOTE: EXISTING SPLICE ENCLOSURE SHOWN FOR INFORMATIONAL PURPOSES ONLY. DO NOT DISTURB EXISTING SPLICE CONFIGURATION.

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

Prepared in the Offices of:  750 N. Greenfield Pkwy., Garner, NC 27529	<b>SPLICE PLAN</b> <b>ALONG SR 1406</b> <b>(PINEY GREEN ROAD)</b>		SEAL  GREGORY A. FULLER ENGINEER
	DIVISION 03    ONSLOW COUNTY    JACKSONVILLE PLAN DATE: MAY 2012    REVIEWED BY: I.N. AVERY PREPARED BY: S.C. WARDLE    REVIEWED BY: G.A. FULLER	REVISIONS _____ _____ _____	
SCALE 	SIGNATURE    DATE  _____		SEAL  GREGORY A. FULLER ENGINEER

EXISTING  
 SPLICE ENCLOSURE AT  
 SR 1406 (PINEY GREEN RD)  
 AND  
 SR 1411 (OLD 30 RD) /  
 SR 1755 (CHARLES RD)  
 03-0340

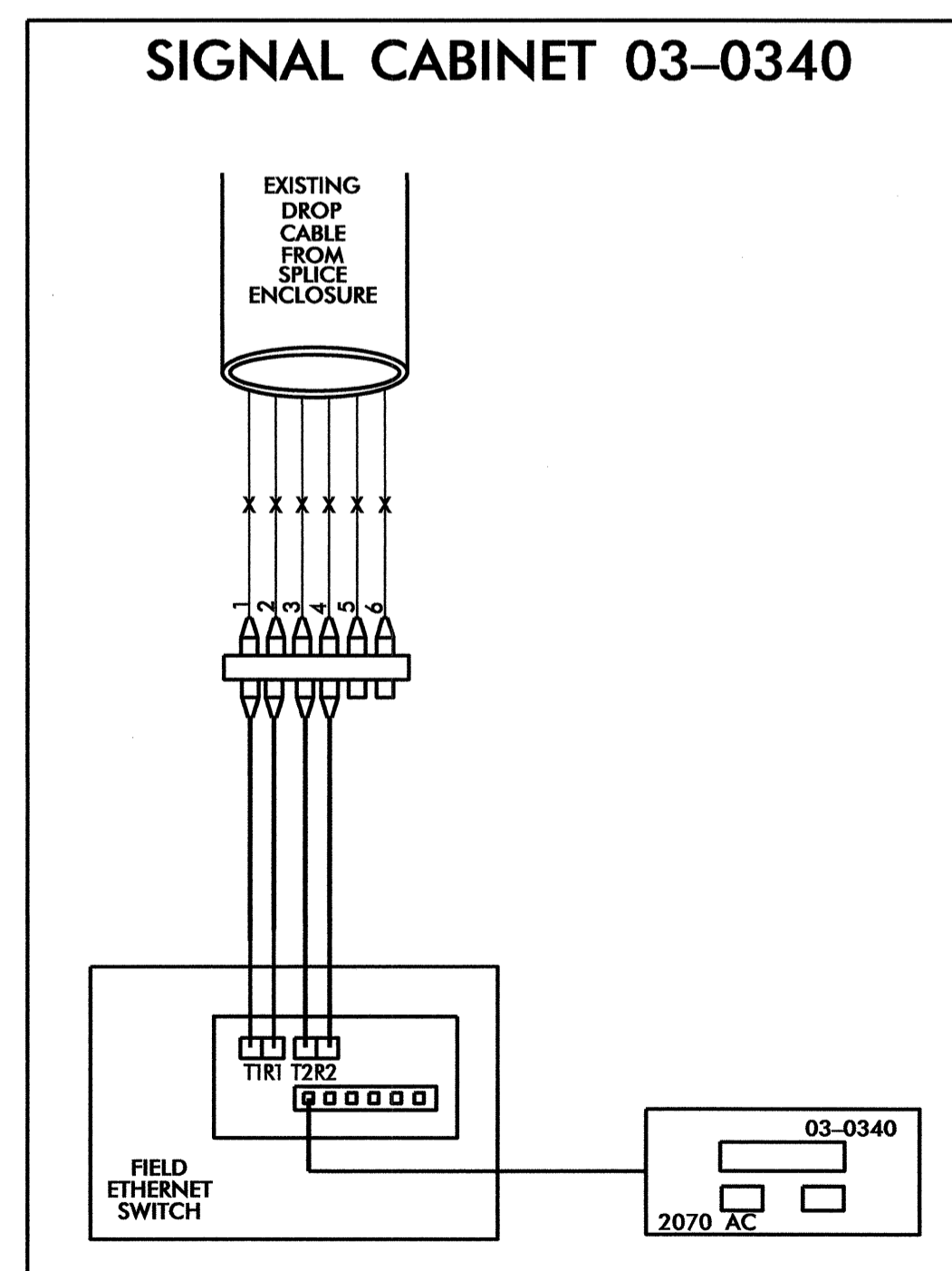
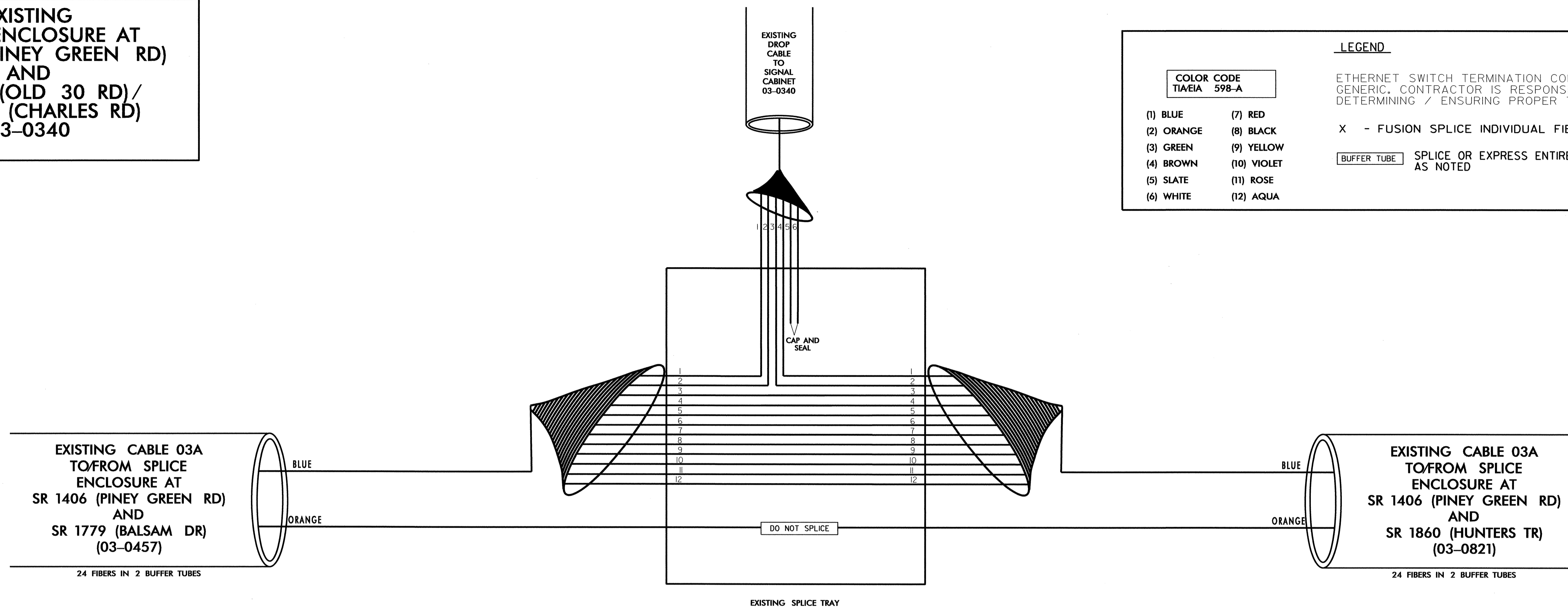
**LEGEND**

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

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



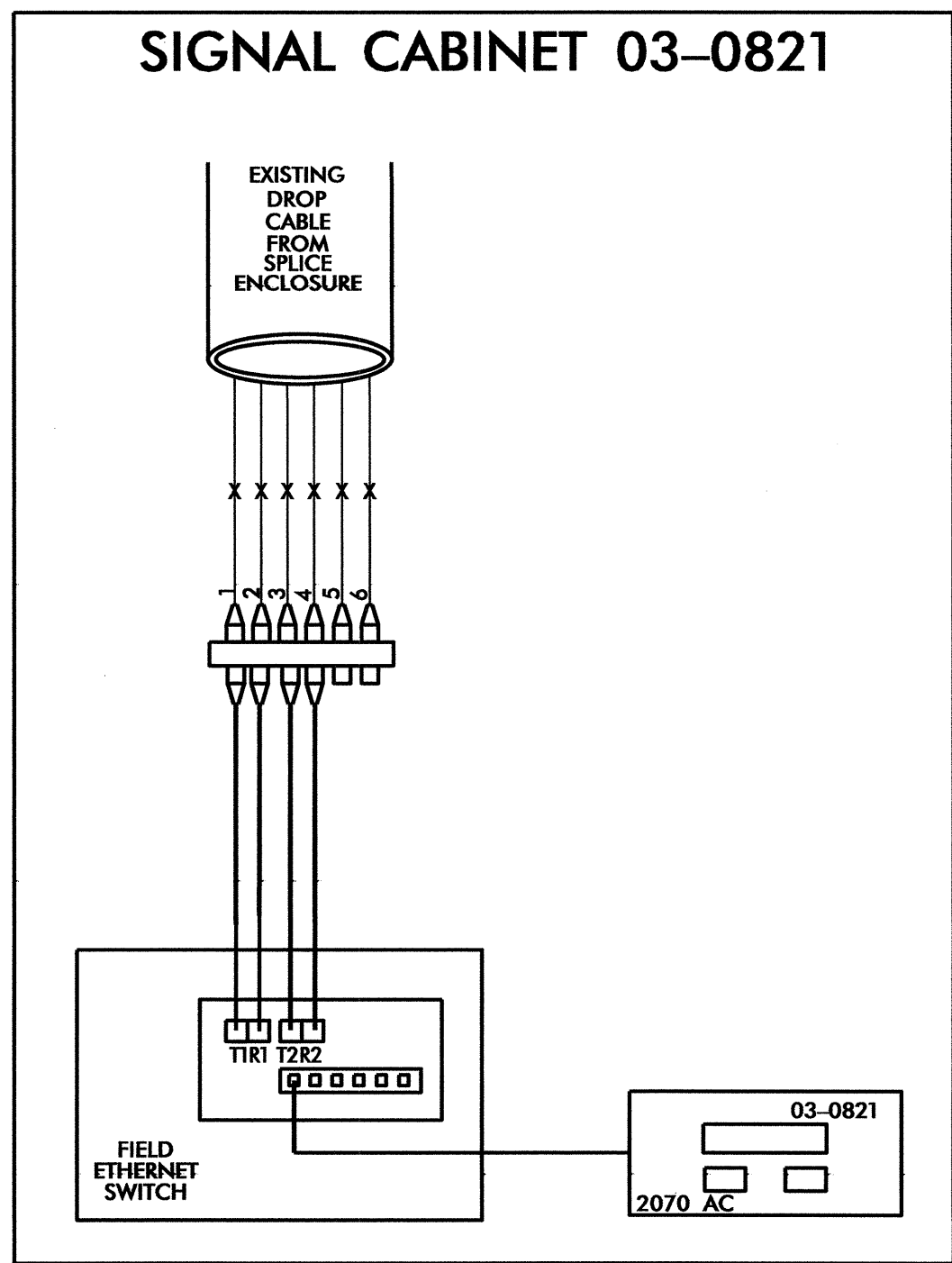
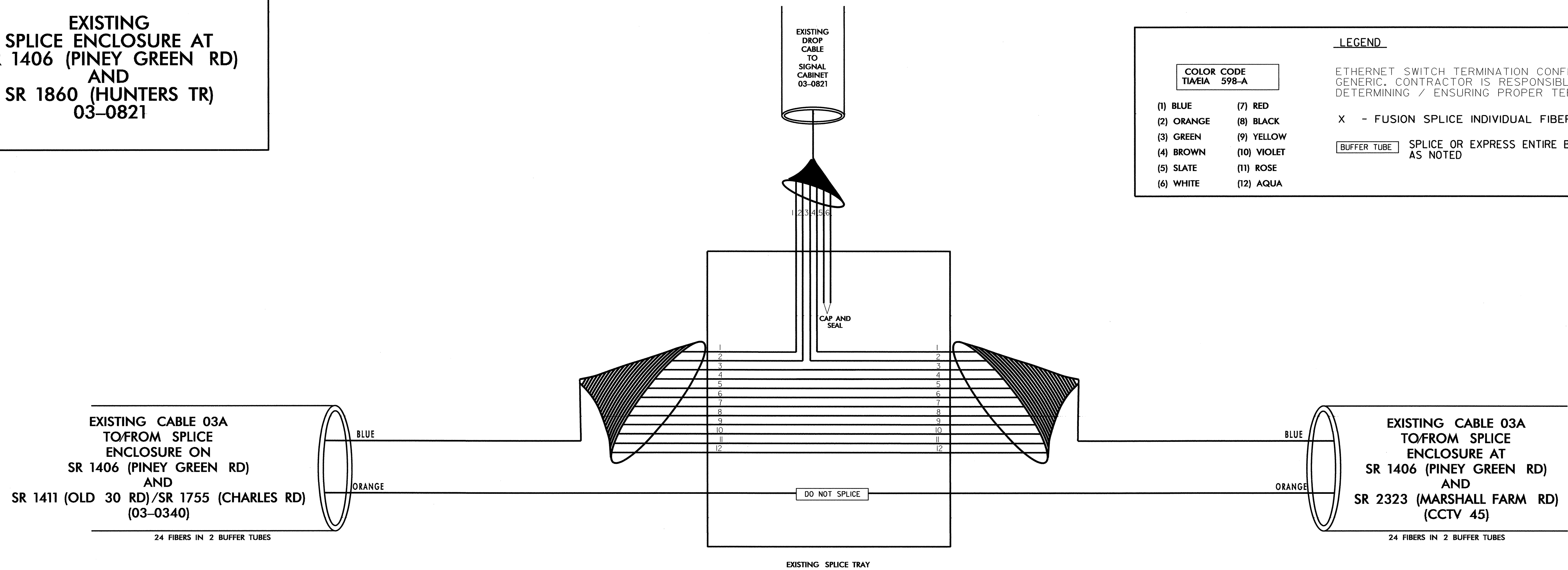
NOTE: EXISTING SPLICE ENCLOSURE SHOWN FOR INFORMATIONAL PURPOSES ONLY. DO NOT DISTURB EXISTING SPLICE CONFIGURATION.

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

Prepared in the Offices of:  750 N. Greenfield Pkwy., Garner, NC 27529	<b>SPLICE PLAN</b> <b>ALONG SR 1406</b> <b>(PINEY GREEN ROAD)</b>		SEAL NORTH CAROLINA PROFESSIONAL SEAL 023919 GREGORY A. FULLER ENGINEER	
	DIVISION 03    ONSLOW COUNTY    JACKSONVILLE			
	PLAN DATE: MAY 2012	REVIEWED BY: I. N. AVERY		
	PREPARED BY: S. C. WARDLE	REVIEWED BY: G. A. FULLER		
SCALE 	REVISIONS	INIT.    DATE	SIGNATURE  DATE	

EXISTING  
 SPLICE ENCLOSURE AT  
 SR 1406 (PINEY GREEN RD)  
 AND  
 SR 1860 (HUNTERS TR)  
 03-0821

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



NOTE: EXISTING SPLICE ENCLOSURE SHOWN FOR INFORMATIONAL PURPOSES ONLY. DO NOT DISTURB EXISTING SPLICE CONFIGURATION.

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

Prepared in the Offices of:  750 N. Greenfield Pkwy., Garner, NC 27529	<b>SPLICE PLAN</b> ALONG SR 1406 (PINEY GREEN ROAD)		SEAL NORTH CAROLINA PROFESSIONAL SEAL 023919 ENGINEER GREGORY A. FULLER
	DIVISION 03    ONSLOW COUNTY    JACKSONVILLE PLAN DATE: MAY 2012    REVIEWED BY: I.N. AVERY PREPARED BY: S.C. WARDLE    REVIEWED BY: G.A. FULLER	REVISIONS _____ _____ _____	
SCALE 	SIGNATURE: <i>Gregory A. Fuller</i> DATE: 6/6/12 CADD File Name:		

EXISTING  
SPLICE ENCLOSURE AT  
SR 1406 (PINEY GREEN RD)  
AND  
SR 2323 (MARSHALL FARM RD)  
CCTV 45

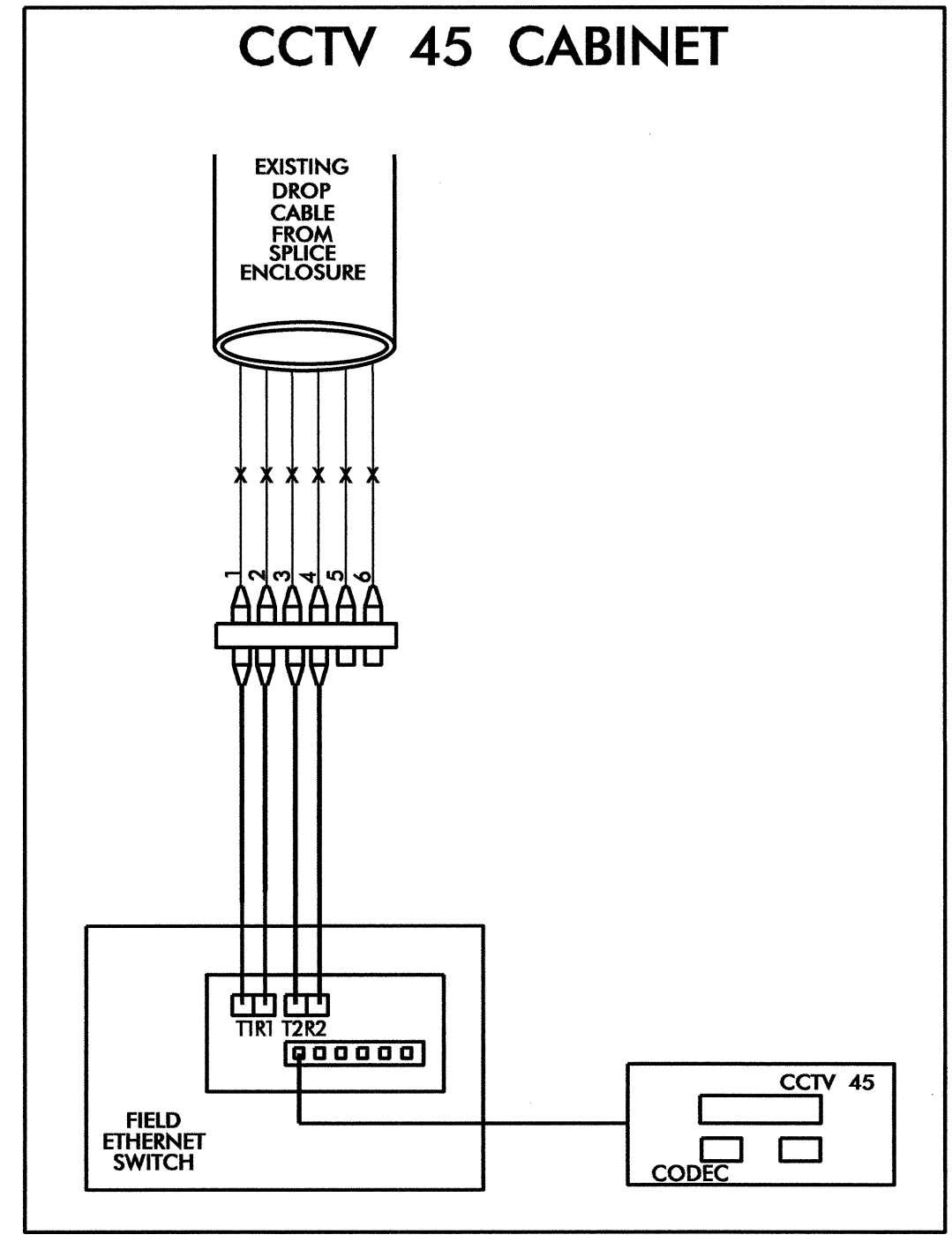
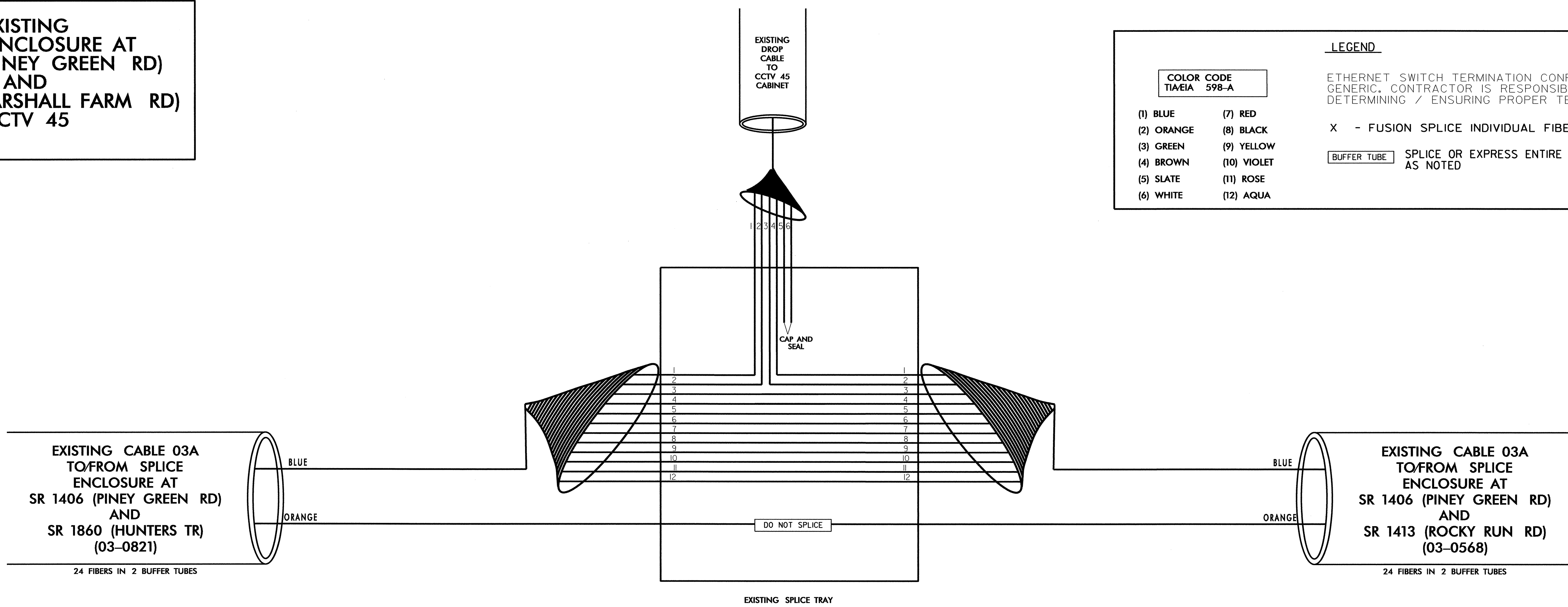
**LEGEND**

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

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



NOTE: EXISTING SPLICE ENCLOSURE SHOWN FOR INFORMATIONAL PURPOSES ONLY. DO NOT DISTURB EXISTING SPLICE CONFIGURATION.

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

<p>750 N. Greenfield Pkwy., Garner, NC 27529</p>	<b>SPLICE PLAN ALONG SR 1406 (PINEY GREEN ROAD)</b>			
	DIVISION 03    ONSLOW COUNTY    JACKSONVILLE			
	PLAN DATE: MAY 2012	REVIEWED BY: I.N. AVERY		
	PREPARED BY: S.C. WARDLE	REVIEWED BY: G.A. FULLER		
SCALE: 0	REVISIONS	INIT.	DATE	
SIGNATURE: <i>Gregory A. Fuller</i>			DATE: 6/6/12	
SEAL: PROFESSIONAL ENGINEER GREGORY A. FULLER				



**EXISTING  
SPLICE ENCLOSURE AT  
SR 1406 (PINEY GREEN RD)  
AND  
SR 1413 (ROCKY RUN RD)  
03-0568**

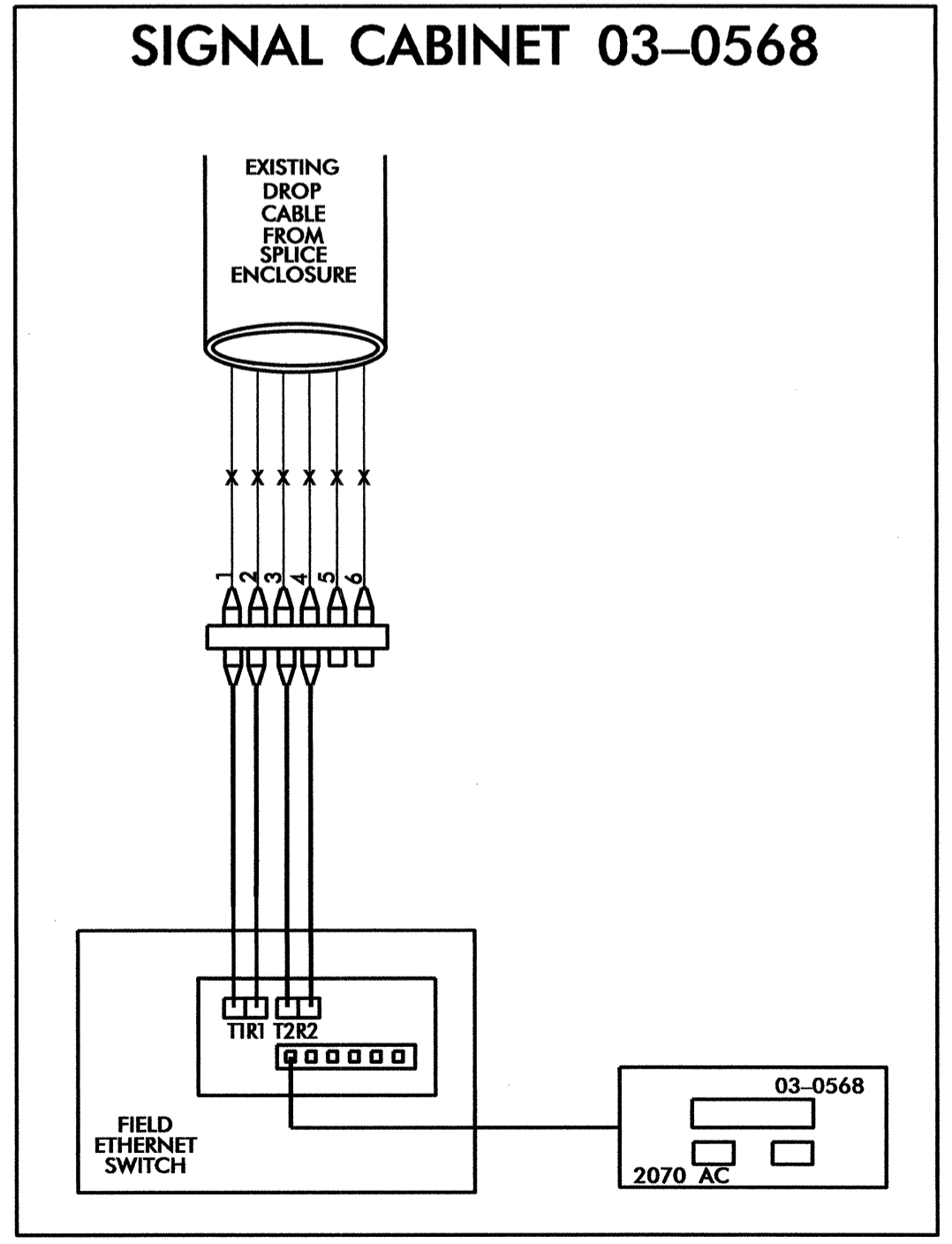
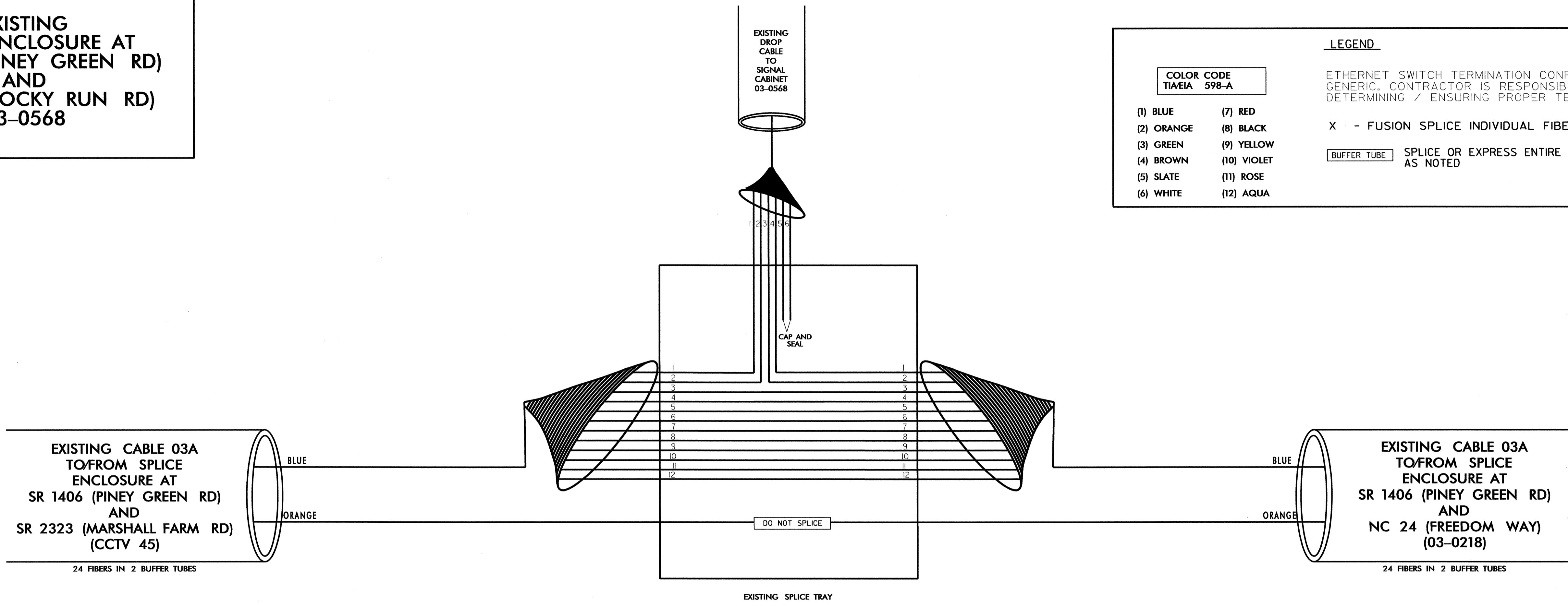
**LEGEND**

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

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



**NOTE: EXISTING SPLICE ENCLOSURE SHOWN FOR INFORMATIONAL PURPOSES ONLY. DO NOT DISTURB EXISTING SPLICE CONFIGURATION.**

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

	<b>SPLICE PLAN ALONG SR 1406 (PINEY GREEN ROAD)</b>		
	DIVISION 03	ONSLOW COUNTY	
PREPARED BY: S.C. WARDLE REVISIONS: _____ SCALE: 0 _____ DATE: _____	PLAN DATE: MAY 2012 REVIEWED BY: I.N. AVERY REVIEWED BY: G.A. FULLER	INIT. DATE _____	SIGNATURE: <i>Gregory A. Fuller</i> DATE: 4/16/12

EXISTING SPLICE ENCLOSURE AT SR 1406 (PINEY GREEN RD) AND NC 24 (FREEDOM WAY) 03-0218

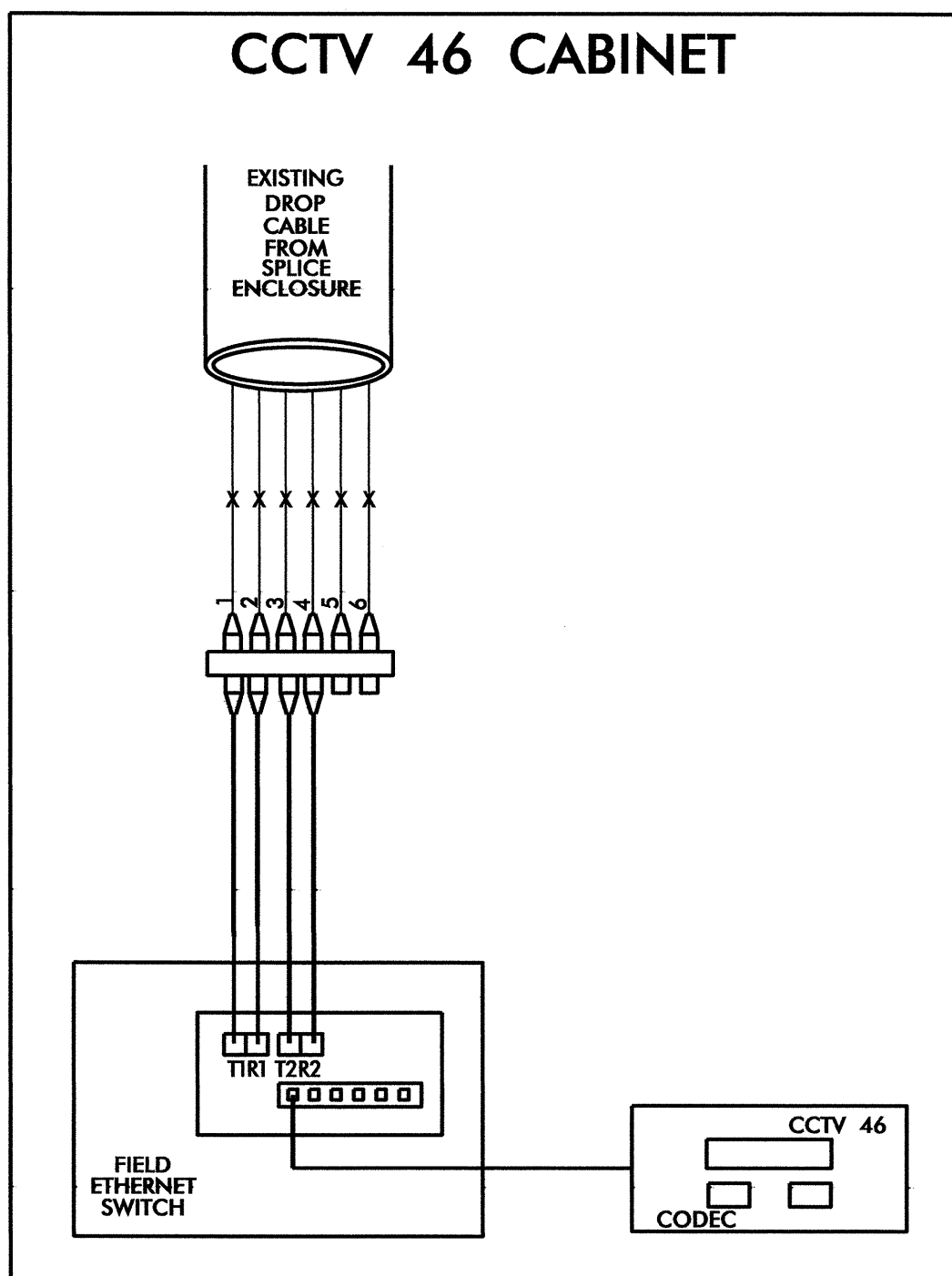
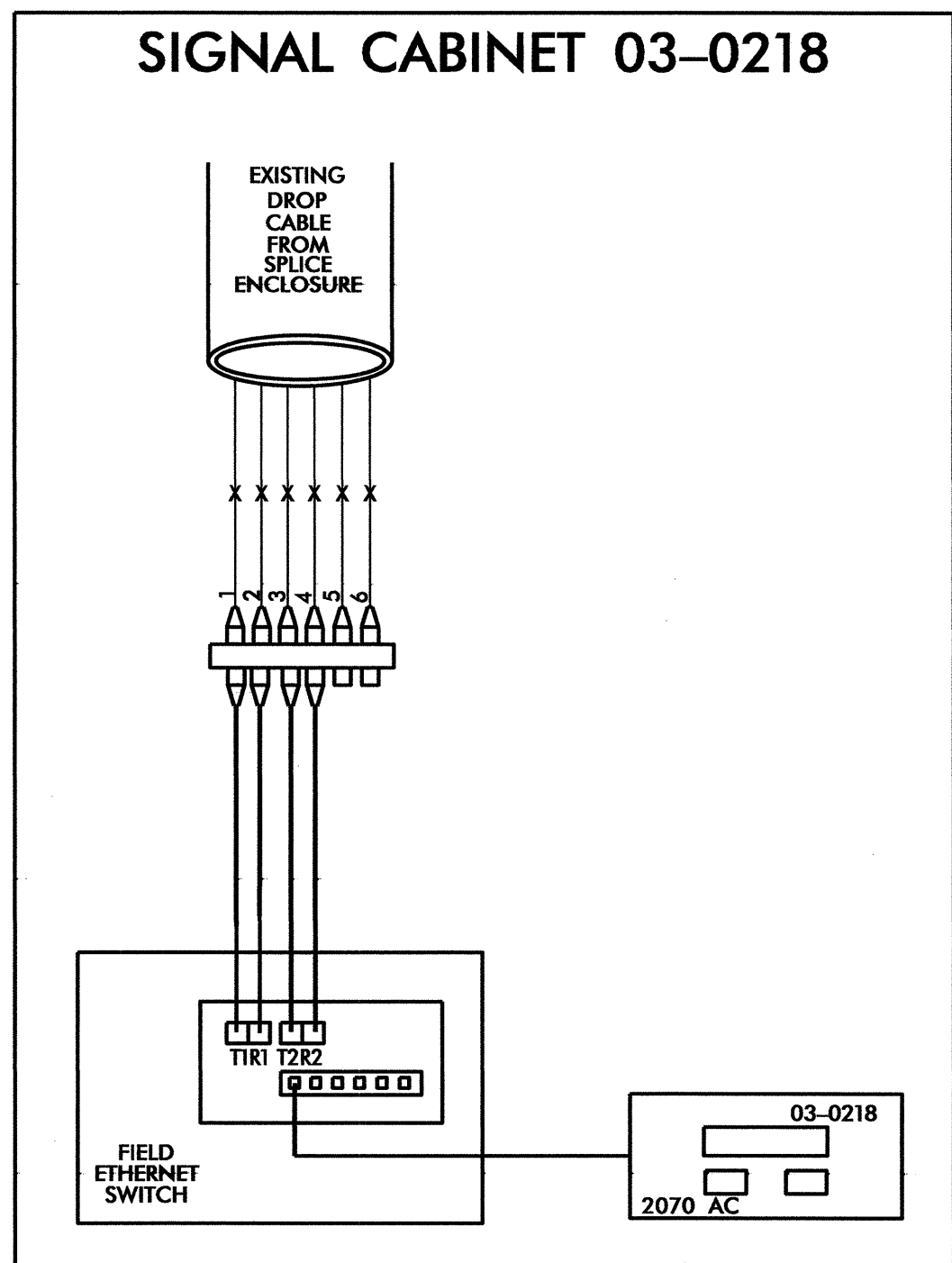
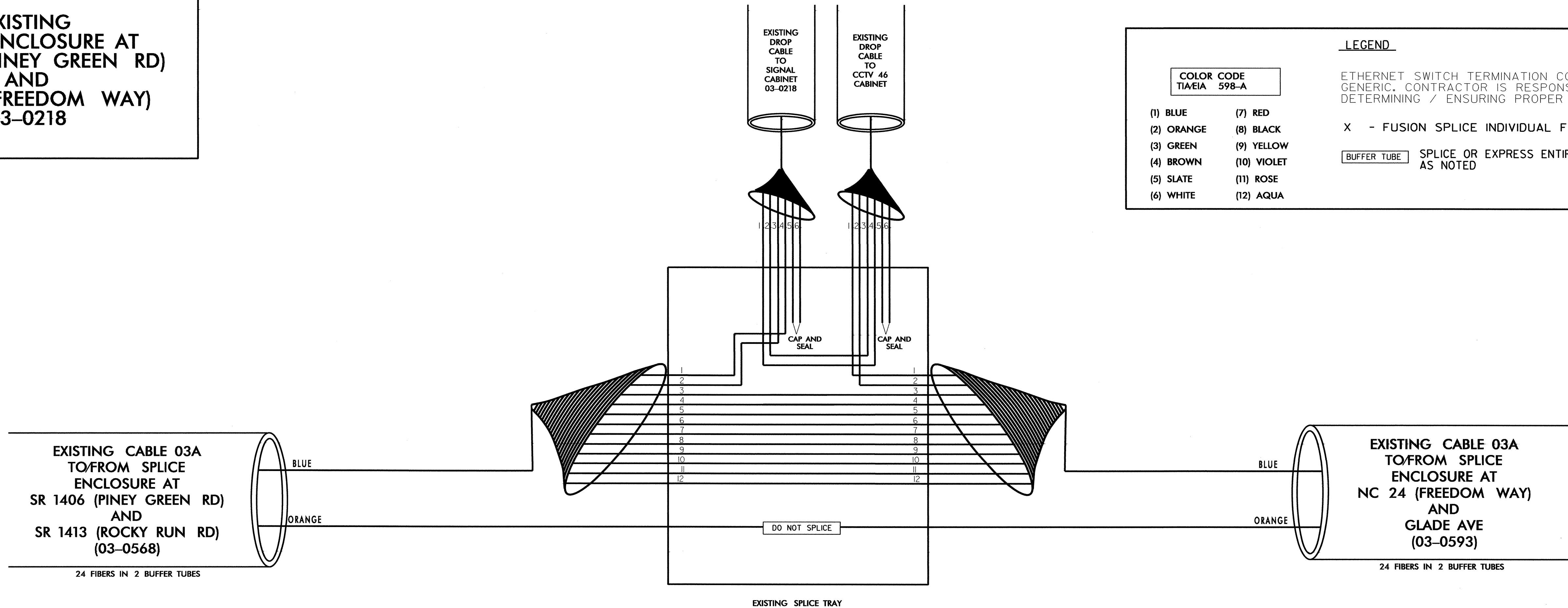
**LEGEND**

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

X - FUSION SPLICE INDIVIDUAL FIBER

BUFFER TUBE SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

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



NOTE: EXISTING SPLICE ENCLOSURE SHOWN FOR INFORMATIONAL PURPOSES ONLY. DO NOT DISTURB EXISTING SPLICE CONFIGURATION.

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

Prepared in the Offices of:

**SPLICE PLAN**  
ALONG SR 1406  
(PINEY GREEN ROAD)

DIVISION 03 ONSLOW COUNTY JACKSONVILLE

PLAN DATE: MAY 2012 REVIEWED BY: I.N. AVERY

PREPARED BY: S.C. WARDLE REVIEWED BY: G.A. FULLER

750 N. Greenfield Pkwy., Garner, NC 27529

SCALE: 0

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

Signature: *Gregory A. Fuller* 6/4/12  
DATE: 6/4/12  
CADD File name: \_\_\_\_\_