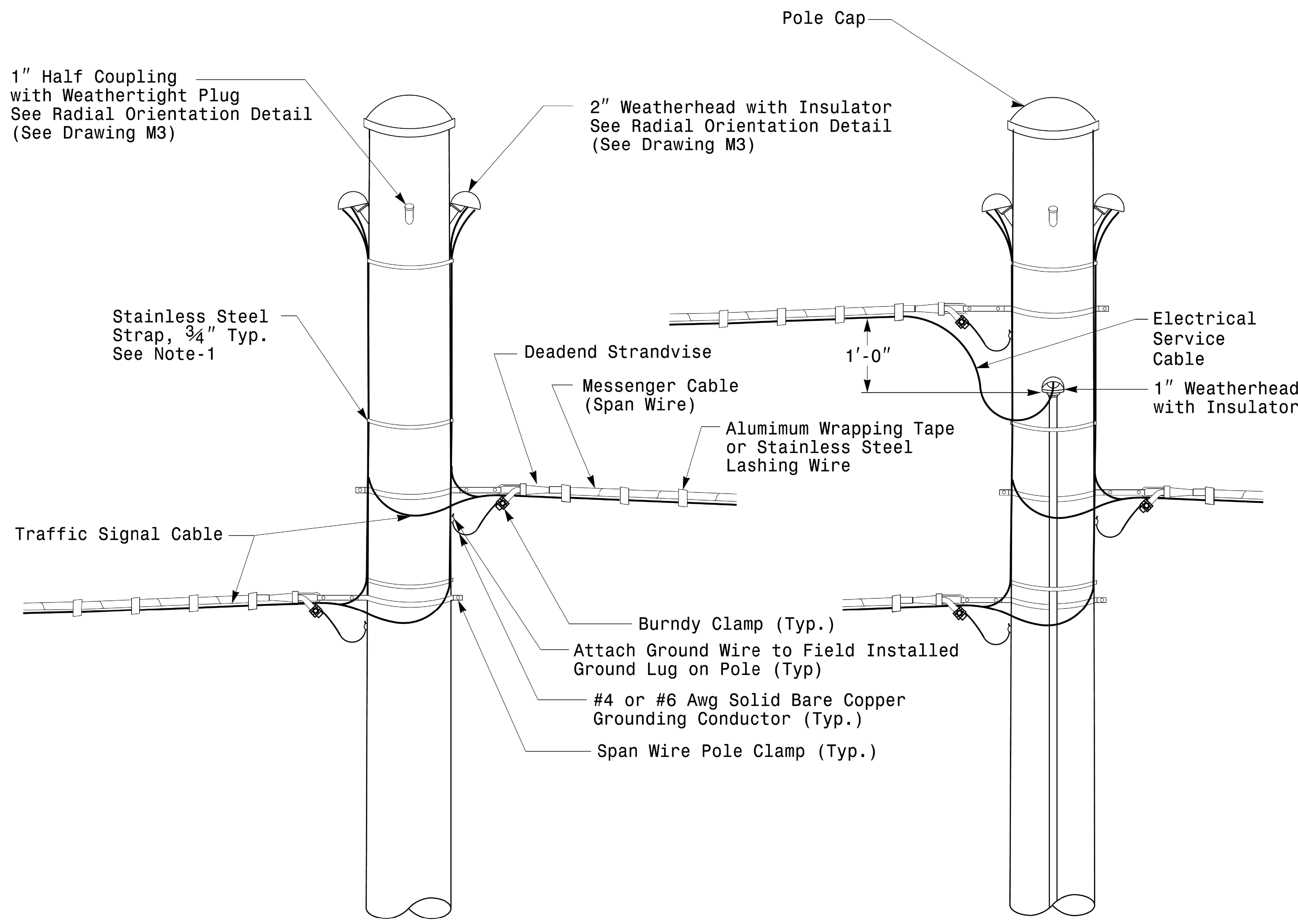


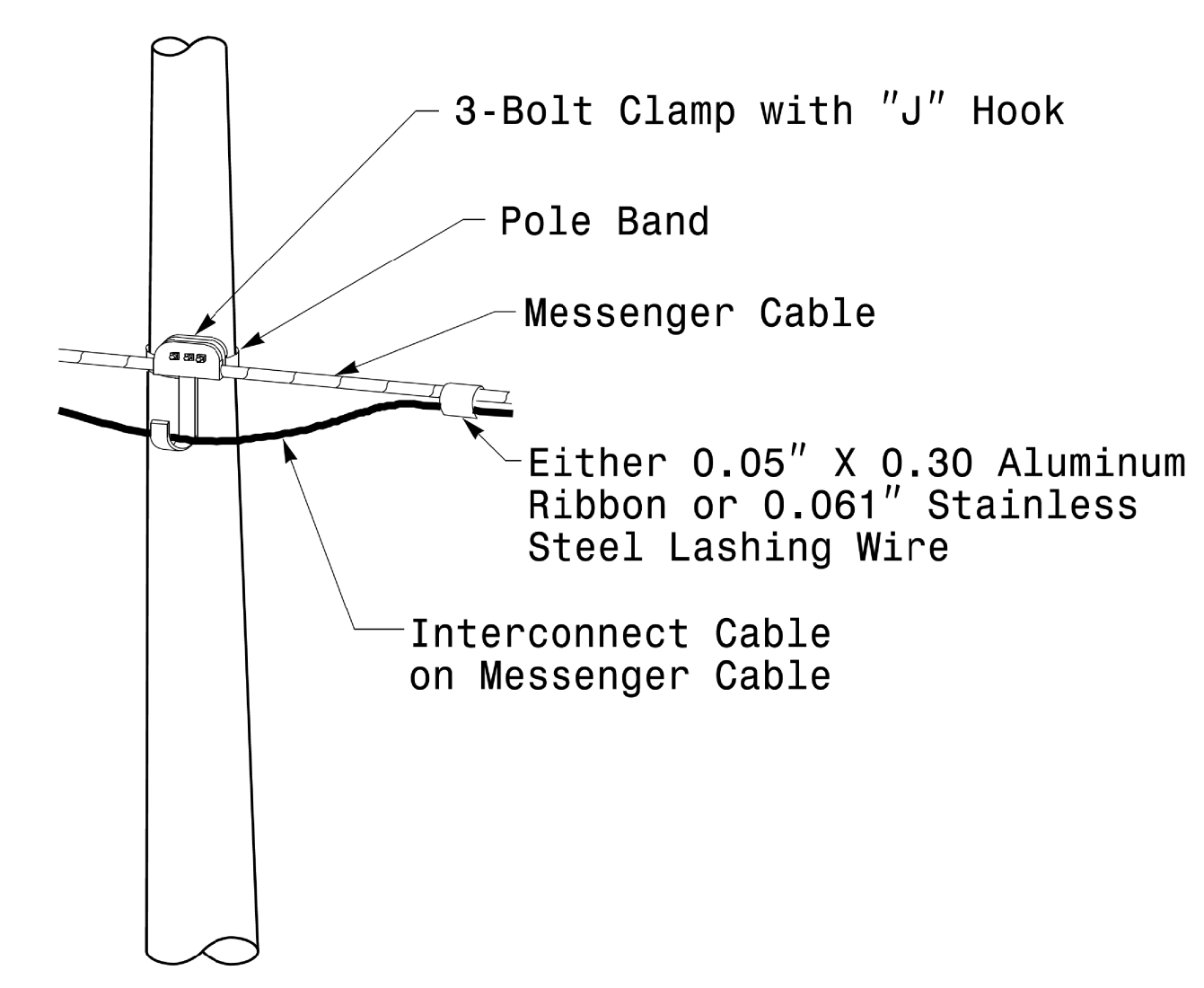
PROJECT ID. NO.	SHEET NO.
U - 4906	Sig.M6



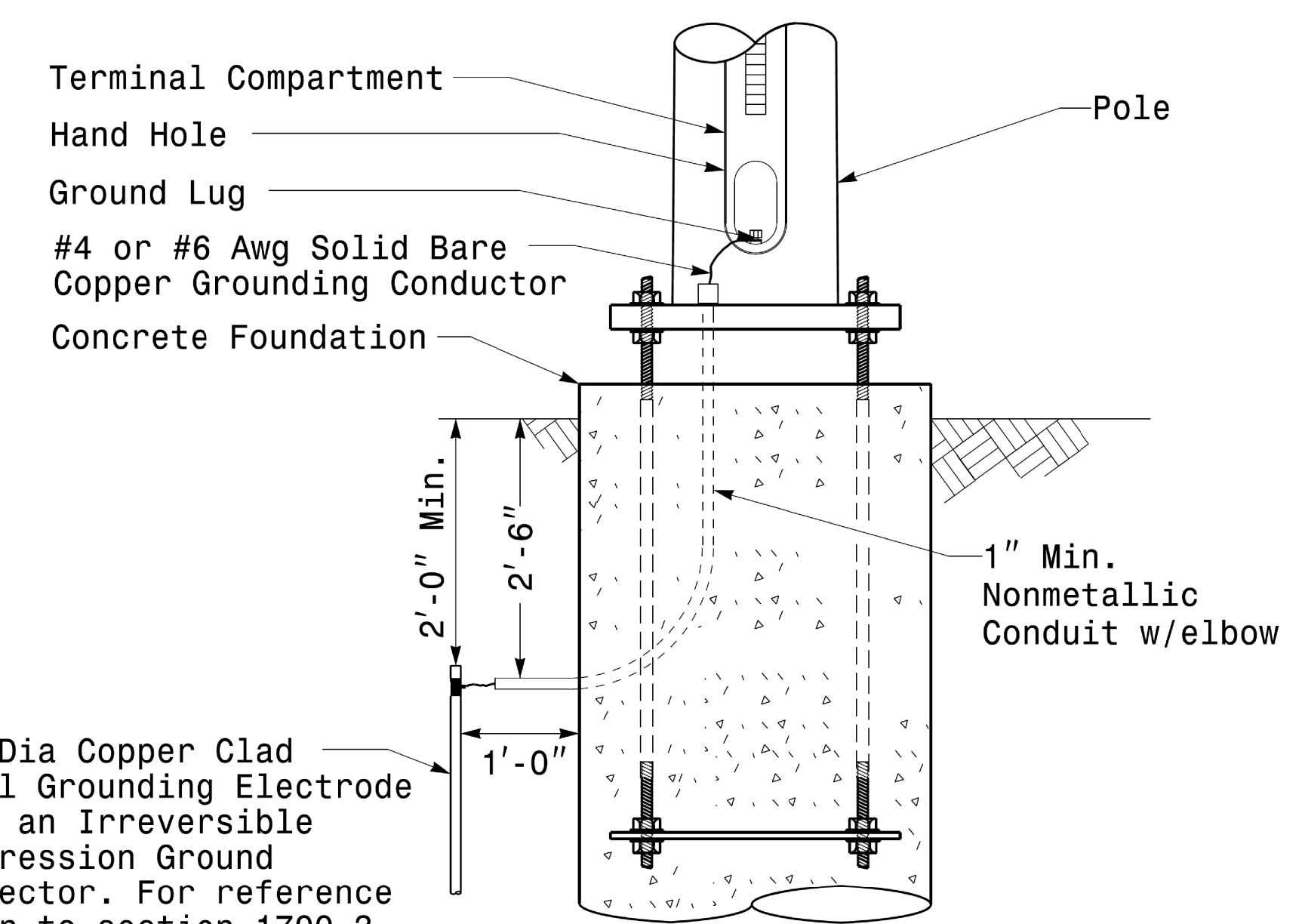
Strain Pole Attachments

NOTE:

1. Strap all signal cables to the side of the pole with 3/4" stainless steel straps when the distance between the spanwire attachment clamp and the weatherheads exceeds 3'-0".
2. Provide minimum two spanwire pole clamps per pole.
3. It is prohibited to attach two span wires at one pole clamp.
4. For general requirements refer to NCDOT Standard Specifications for Roadway and Structures, January 2018.



Attachment of Cable to Intermediate Metal Pole



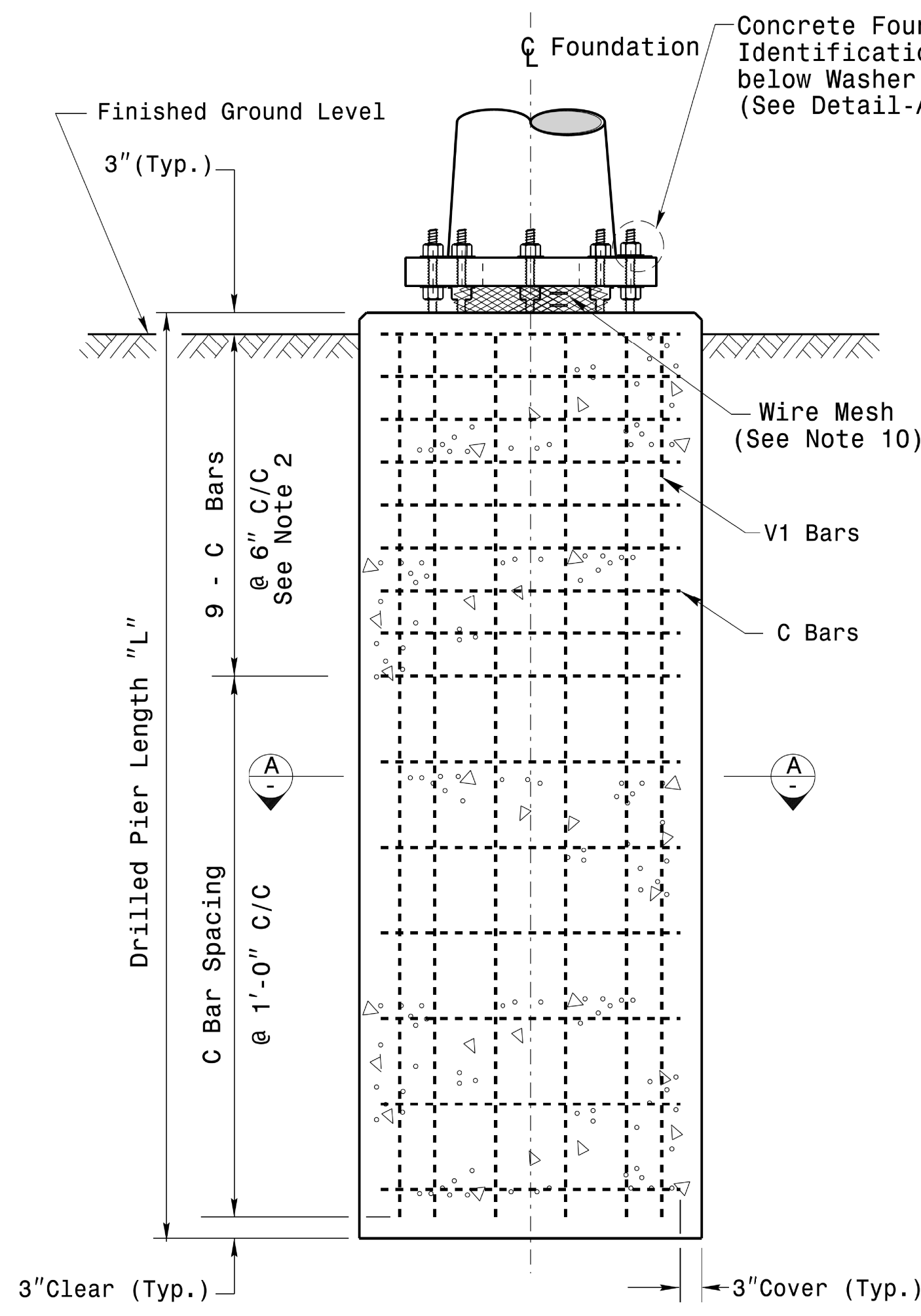
Metal Pole Grounding Detail For Strain Pole and Mast Arm

Fabrication Details - Strain Pole Attachments

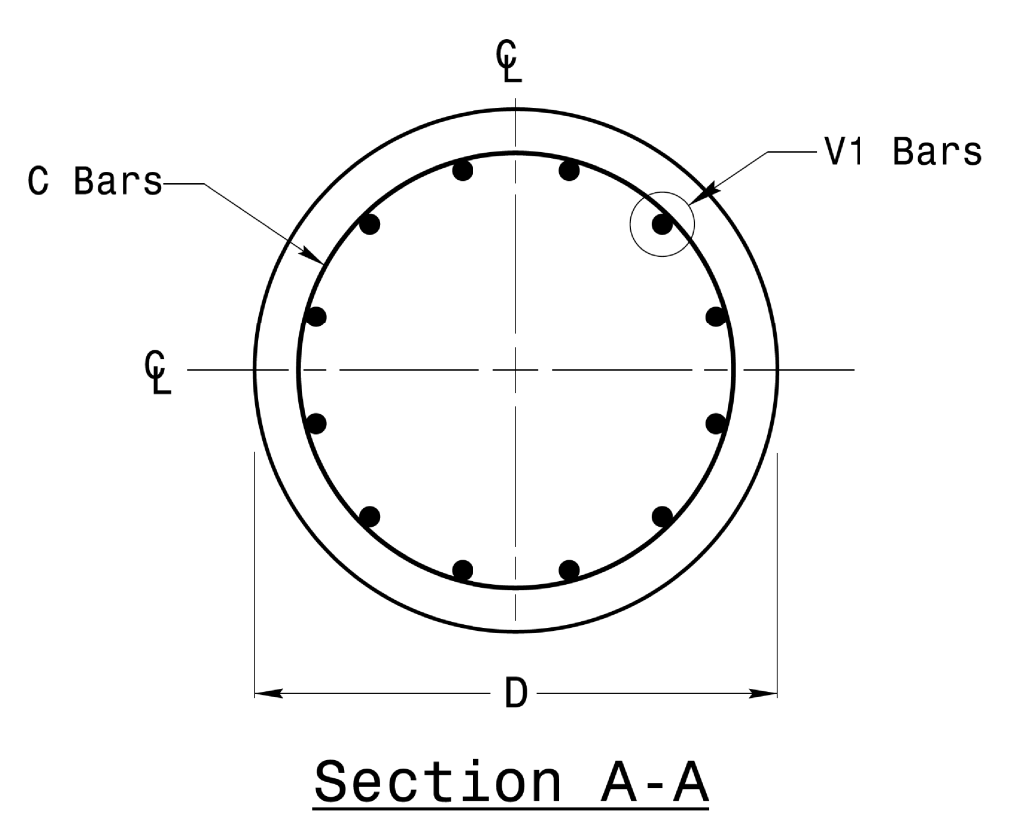
11-OCT-2017 08:36 S:\IT\S&M\TIS Signal\Sigs\Signal Design Section\Eastern Region\MI Sheets\2016\2014 Sig.M6 Strain Pole Fabrication Detail\Strain Poles.dgn

<p>750 N. Greenfield Pkwy, Garner, NC 27529</p>	<p>Typical Fabrication Details For Strain Pole Attachments</p>		<p>SEAL</p> <p>Designed by: <i>Debesh C. Sarkar</i></p>
	<p>PLAN DATE: OCTOBER 2017</p> <p>DESIGNED BY: C.F. ANDREWS</p> <p>PREPARED BY: N. BITTING</p> <p>REVIEWED BY: D.C. SARKAR</p>	<p>REVISIONS</p> <p>INIT. DATE</p>	

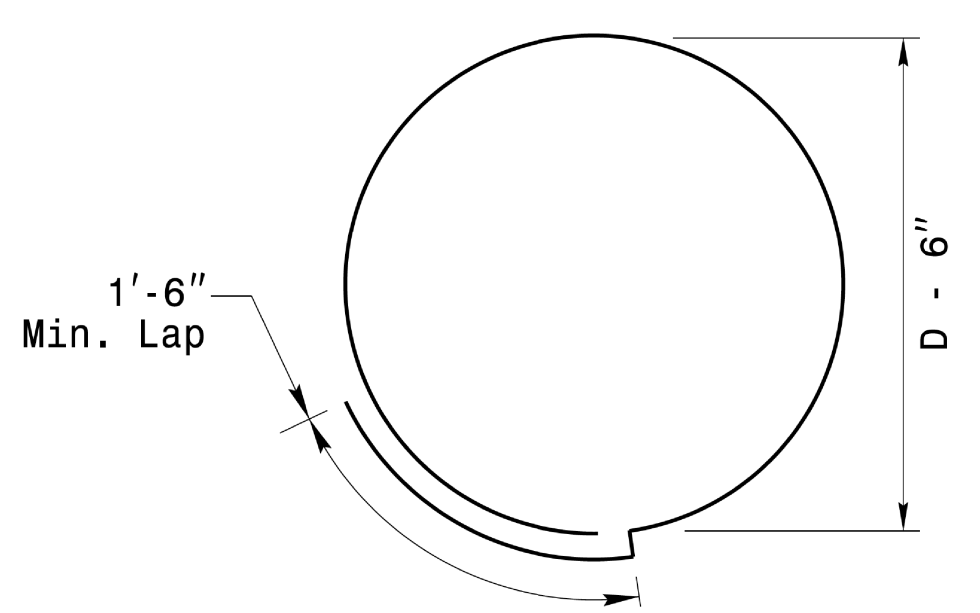
PROJECT ID. NO.	SHEET NO.
U - 4906	Sig.M7



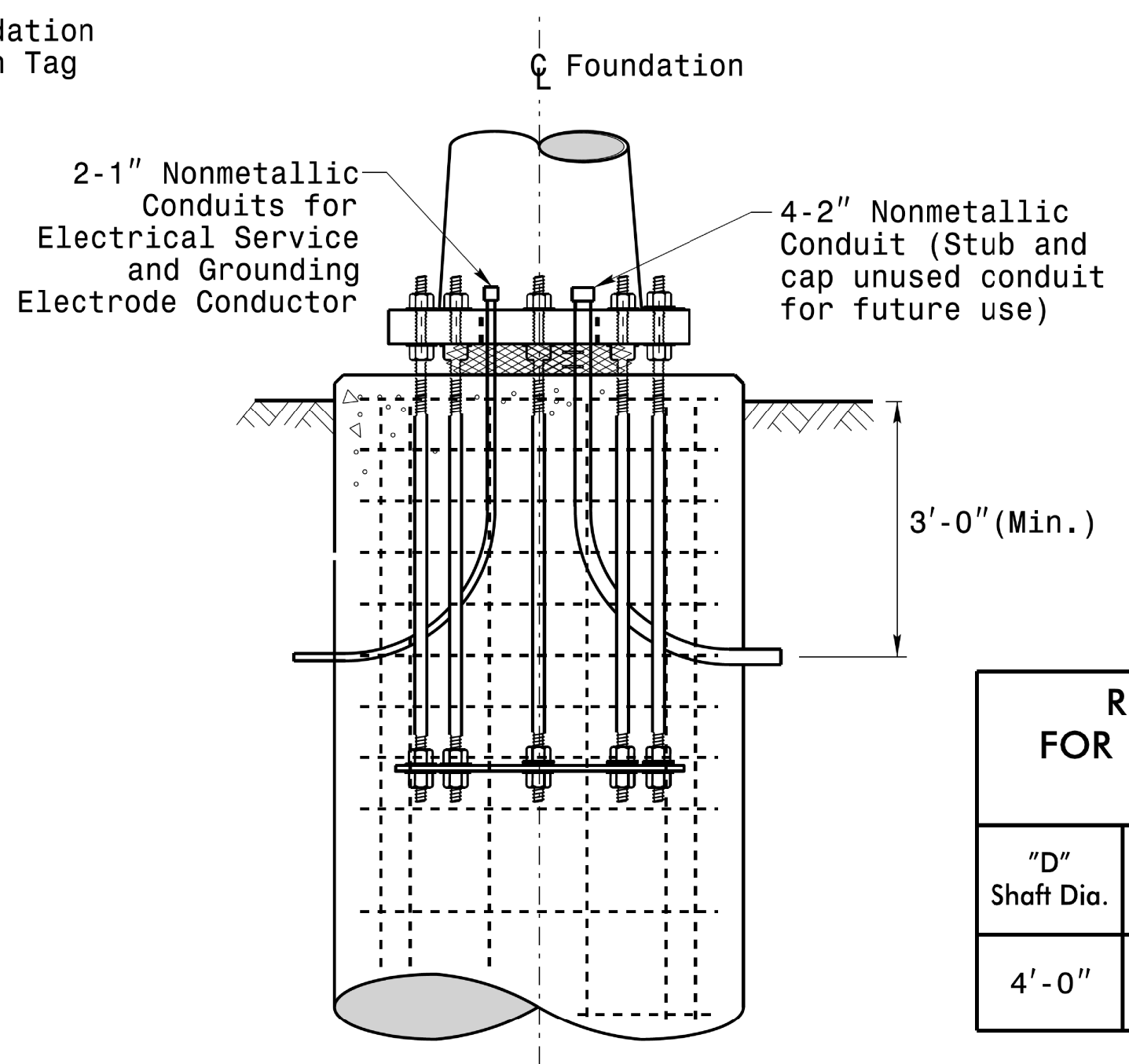
Concrete Shaft Elevation



Section A-A



Typical "C" Bar Detail



Typical Foundation Conduit Details

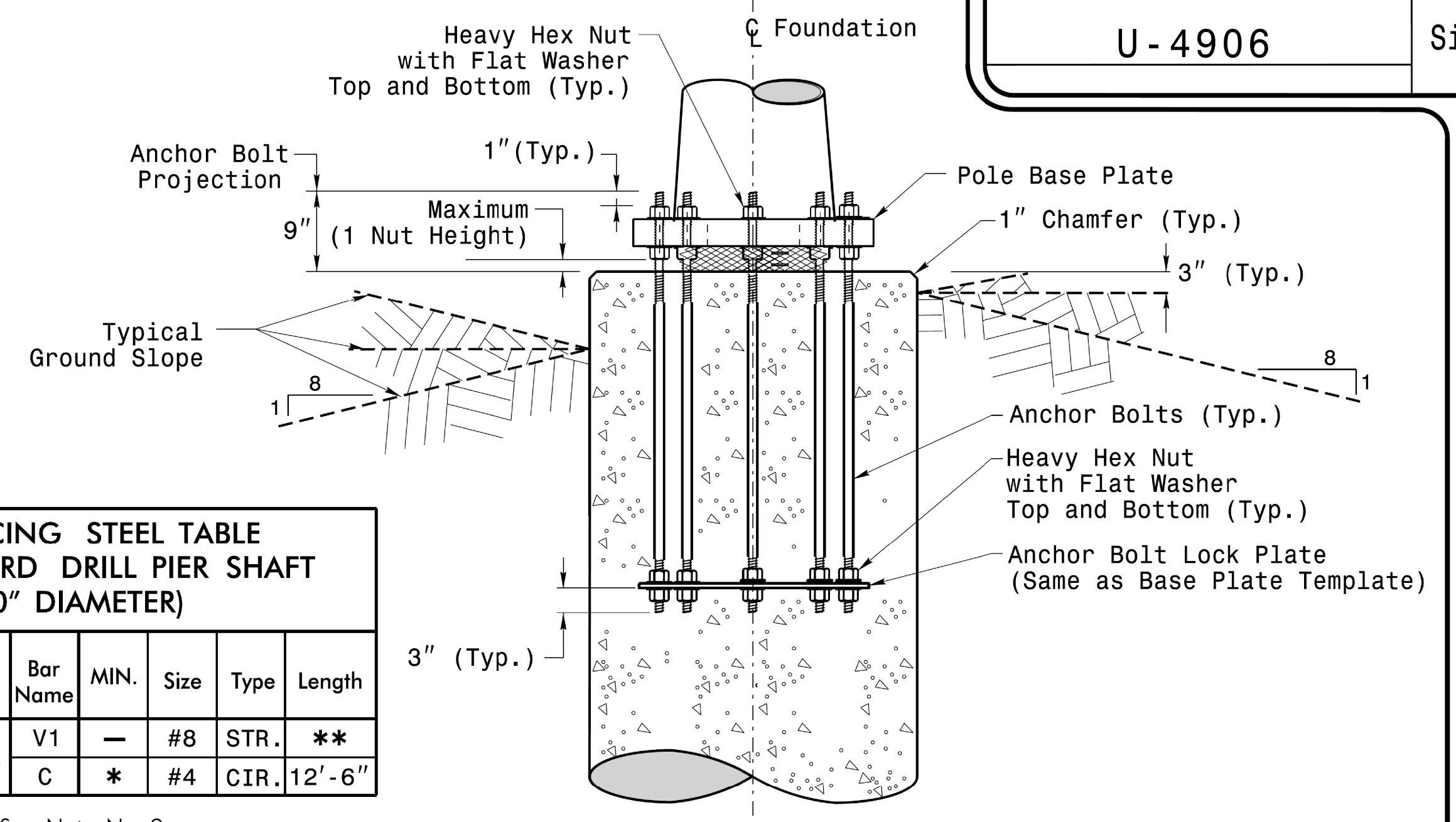
REINFORCING STEEL TABLE FOR STANDARD DRILL PIER SHAFT (4'-0" DIAMETER)

"D" Shaft Dia.	Conc. Volume (cu. yds.)	Bar Name	MIN.	Size	Type	Length
4'-0"	.465 x L	V1	-	#8	STR.	**
		C	*	#4	CIR.	12'-6"

* See Note No. 2
** See Note No. 3

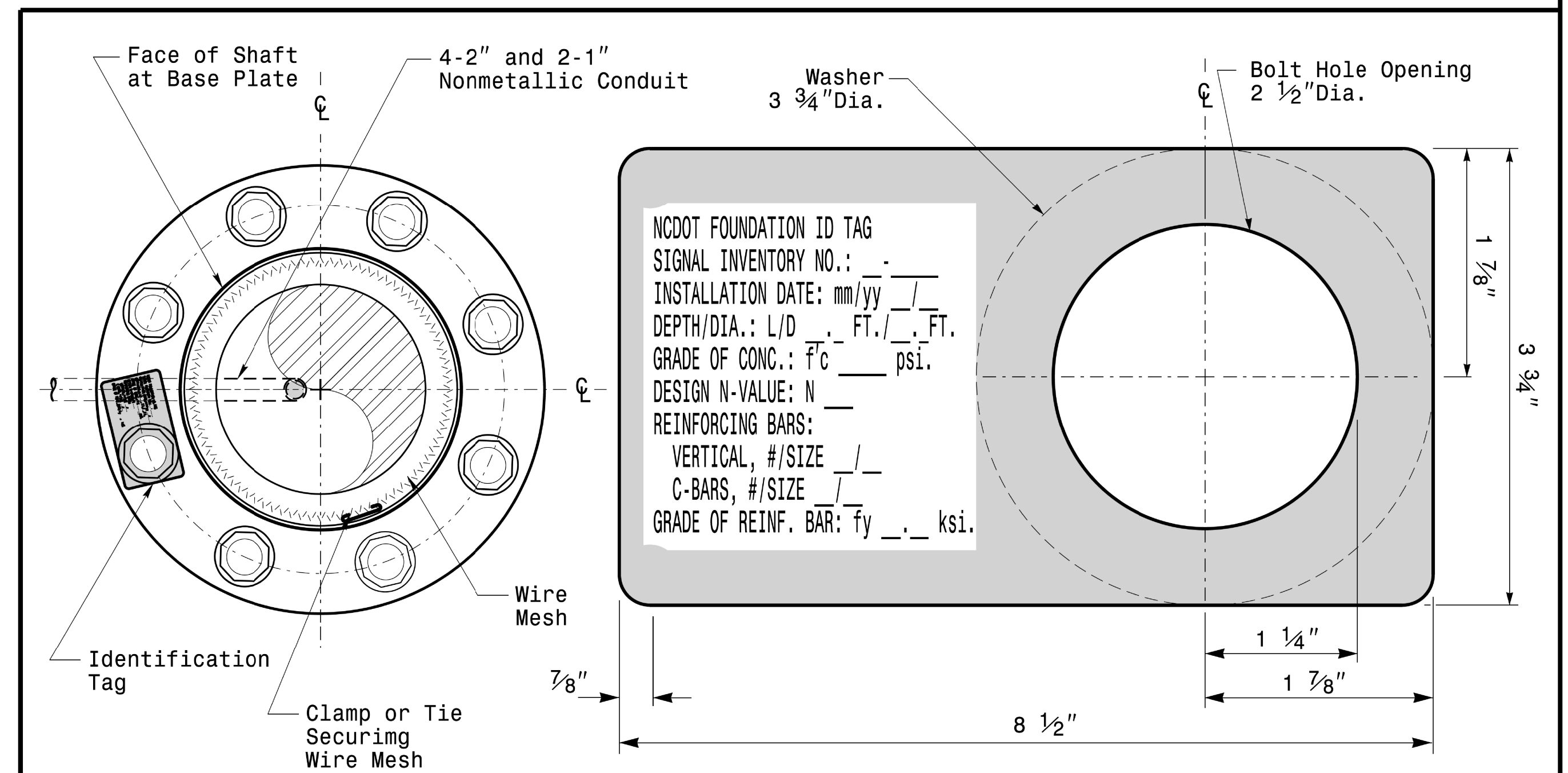
General Notes:

1. If actual subsurface conditions differ significantly from boring data contact the Engineer before excavating or placing concrete.
2. Circular tie reinforcing rings may be vertically adjusted by +/-3" at a depth between 2'-0" and 3'-0" to facilitate the installation of electrical conduit entering in the cage.
3. For standard foundations, see sheet Sig. M8 for details. Vertical reinforcing bars (V1) may be horizontally adjusted by +/-3" to facilitate the installation of electrical conduit entering into the cage.
4. Provide 2" to 5" foundation projection above ground level depending on the ground slope.
5. Unless otherwise shown, foundation designs are based on non-sloping level ground surfaces with slope ratios of 8:1 (H:V) or flatter. If actual ground line slopes are steeper contact the Engineer before excavating or placing concrete.
6. Construct foundations in accordance with NCDOT Standard Provisions SPO9 R005- Foundations and Anchor Rod Assemblies for Metal Poles. All applicable 2018 NCDOT Standard Specifications are referenced in this provision. Refer to the NCDOT Resources/Specifications page located on the Connect NCDOT website.
<https://connect.ncdot.gov/resources/Specifications and Special Provisions.aspx>
7. Use air entrained AA concrete mix with a compression strength of f'c=4500 psi. (min.) after 28 days.
8. Use ASTM A615 grade 60 deformed bars for all reinforcing steel. Maintain at least 3" cover on all reinforcement.
9. Locate the Identification Tag on the top of the base plate, directly above the conduit's entry point.
10. Provide two layers of galvanized welded 23 gauge (0.25) 6" wide 4 mesh wire around pipes under the base plate and secure it with ties if necessary.
11. Preferred location for the I.D. Tag is as shown in Detail-A; directly above the conduit entering the foundation.



Typical Foundation Anchor Bolt Details

(Reinforcing Cage Not Shown for Clarity)



D = Diameter
L = Length/Depth
mm = Month
yy = Year

Detail-A

Concrete Foundation Identification Tag Details

11-001-2017_08:37 S:\IT&S\UM\IS\SIGNALSIGNAL Design Section\Eastern Region\MM_Sheets\2016\2014_Sig.M7 Std. Construction Details-Strain Poles.dgn

Construction Details - Foundations

<p>750 N. Greenfield Pkwy, Garner, NC 27529</p>	<p>Construction Details For Foundations</p>		<p>SEAL</p> <p>DocuSigned by: Dinesh C. Sarkar</p>
	<p>PLANNED DATE: OCTOBER 2018</p> <p>DESIGNED BY: C.B. COGDILL</p> <p>PREPARED BY: N. BITTING</p> <p>REVIEWED BY: D.C. SARKAR</p>	<p>REV. NO. 1</p> <p>COMMENTS: Revised Foundation Tag Details</p> <p>INIT. N.B.</p> <p>DATE: 5/11/2015</p>	

SOIL CONDITION

PROJECT ID. NO.	SHEET NO.
U - 4906	Sig.M8

		STANDARD STRAIN POLES						STANDARD FOUNDATIONS 48" Diameter Drilled Pier Length (L) - Feet							Reinforcement			
		Case No.	Pole Height (Ft.)	Base Plate BC (In.)	Reactions at the Pole Base			Clay				Sand			Longitudinal		Stirrups	
					Axial (kip)	Shear (kip)	Moment (ft-kip)	Medium N-Value 4-8	Stiff N-Value 9-15	Very Stiff N-Value 16-30	Hard N-Value >30	Loose N-Value 4-10	Medium N-Value 11-30	Dense N-Value >30	Bar Size (#)	Quantity (ea.)	Bar Size (#)	Spacing (in.)
WIND ZONE 1	LIGHT	S26L3	26	25	2	11	270	19	13	10	8	17	14.5	12.5	8	12	4	12
		S30L3	30	25	2	11	300	19.5	13.5	10	8	17.5	15	13	8	14	4	12
		S35L3	35	25	3	11	320	20	13.5	10.5	8	17.5	15	13	8	14	4	12
	HEAVY	S30H3	30	29	3	16	450	24.5	16	12	9	21	17.5	15	8	16	4	6
		S35H3	35	29	4	16	515	26	17	12.5	9.5	22	18.5	16	8	16	4	6
WIND ZONE 2	LIGHT	S26L2	26	23	2	10	245	18	12.5	9.5	8	16.5	14	12	8	12	4	12
		S30L2	30	23	2	10	270	18.5	12.5	10	8	16.5	14	12.5	8	12	4	12
		S35L2	35	23	3	10	300	19.5	13	10	8	17	14.5	13	8	12	4	12
	HEAVY	S30H2	30	29	3	15	415	23	15.5	11.5	9	20	17	14.5	8	16	4	6
		S35H2	35	29	4	15	475	25	16.5	12	9.5	21	17.5	15.5	8	16	4	6
WIND ZONE 3	LIGHT	S26L2	26	23	2	10	245	18	12.5	9.5	8	16.5	14	12	8	12	4	12
		S30L2	30	23	2	10	270	18.5	12.5	10	8	16.5	14	12.5	8	12	4	12
		S35L2	35	23	3	10	300	19.5	13	10	8	17	14.5	13	8	12	4	12
	HEAVY	S30H2	30	29	3	15	415	23	15.5	11.5	9	20	17	14.5	8	16	4	6
		S35H2	35	29	4	15	475	25	16.5	12	9.5	21	17.5	15.5	8	16	4	6
WIND ZONE 4	LIGHT	S26L1	26	22	2	8	190	16	11.5	8.5	8	15	12.5	11	8	12	4	12
		S30L1	30	22	2	8	205	16.5	11.5	9	8	15	13	11.5	8	12	4	12
		S35L1	35	22	3	8	230	17	12	9	8	15.5	13.5	11.5	8	12	4	12
	HEAVY	S30H1	30	25	3	12	320	20.5	13.5	10.5	8	18	15	13.5	8	16	4	6
		S35H1	35	25	4	12	350	21	14	10.5	8.5	18.5	15.5	13.5	8	16	4	6
WIND ZONE 5	LIGHT	S26L2	26	23	2	10	245	18	12.5	9.5	8	16.5	14	12	8	12	4	12
		S30L2	30	23	2	10	270	18.5	12.5	10	8	16.5	14	12.5	8	12	4	12
		S35L2	35	23	3	10	300	19.5	13	10	8	17	14.5	13	8	12	4	12
	HEAVY	S30H2	30	29	3	15	415	23	15.5	11.5	9	20	17	14.5	8	16	4	6
		S35H2	35	29	4	15	475	25	16.5	12	9.5	21	17.5	15.5	8	16	4	6


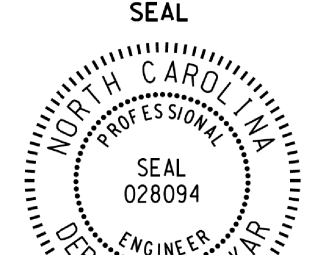
General Notes:

1. Values shown in the "Reactions at the Pole Base" column represent the minimum acceptable capacity allowed for design using a design CSR of 1.00.
2. Use chairs and spacers to maintain proper clearance.
3. For foundation, always use air-entrain concrete mix.

Foundation Selection:

1. Perform a standard penetration test at each proposed foundation site to determine "N" value.
2. Select the appropriate wind zone from M 1 drawing.
3. Select the soil type (Clay or Sand) that best describes the soil characteristics.
4. Get the appropriate standard pole case number from the plans or from the Engineer.
5. Select the appropriate column under "Standard Foundations" based on soil type and "N" value. Select the appropriate row based on the pole load case.
6. The foundation depth is the value shown in the "Standard Foundations" category where the column and the row intersect.
7. Use Construction Procedures and Design Methods prescribed by FHWA-NHI-10-016 for Reference Drilled Shafts.

48" Dia. Foundations Concrete Volume (cubic yards) = (0.465) x Drilled Pier Length

	<p>Standard Strain Pole Foundation for All Soil Conditions</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td>PLAN DATE: OCTOBER 2017</td> <td>DESIGNED BY: C.B. COGDILL</td> </tr> <tr> <td>PREPARED BY: N. BITTING</td> <td>REVIEWED BY: D.C. SARKAR</td> </tr> <tr> <td>REVISIONS</td> <td>INIT. DATE</td> </tr> <tr> <td>Changed "Foundation Depth" to "Drilled Pier Length" in Spec. Exp.</td> <td>N.B. 7/12/2015</td> </tr> </table>	PLAN DATE: OCTOBER 2017	DESIGNED BY: C.B. COGDILL	PREPARED BY: N. BITTING	REVIEWED BY: D.C. SARKAR	REVISIONS	INIT. DATE	Changed "Foundation Depth" to "Drilled Pier Length" in Spec. Exp.	N.B. 7/12/2015	
PLAN DATE: OCTOBER 2017	DESIGNED BY: C.B. COGDILL									
PREPARED BY: N. BITTING	REVIEWED BY: D.C. SARKAR									
REVISIONS	INIT. DATE									
Changed "Foundation Depth" to "Drilled Pier Length" in Spec. Exp.	N.B. 7/12/2015									
<p>SCALE: 0 NA NONE</p>	<p>DocuSigned by: <i>Desh C. Sarkar</i> 10/11/2017</p>	<p>DATE</p>								

Standard Strain Pole Foundation-All Soil Condition

- 1 INSTALL 3-WIRE COPPER SERVICE ENTRANCE CONDUCTORS
- 2 INSTALL 4-WIRE COPPER FEEDER CONDUCTORS
- 3 INSTALL 3-WIRE COPPER FEEDER CONDUCTORS
- 4 INSTALL SMFO CABLE
- 5 INSTALL CAT 5e ETHERNET CABLE
- 6 INSTALL FIBER OPTIC DROP CABLE
- 7 INSTALL TRACER WIRE
- 8 TRENCH
- 9 INSTALL PVC CONDUIT
- 10 INSTALL RIGID, GALVANIZED STEEL CONDUIT
- 11 INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD
- 12 INSTALL RIGID, GALVANIZED STEEL RISER WITH HEAT-SHRINK TUBING
- 13 INSTALL HEAT-SHRINK TUBING RETROFIT KIT
- 14 INSTALL POLYETHYLENE CONDUIT
- 15 DIRECTIONAL DRILL CONDUIT
- 16 BORE AND JACK CONDUIT
- 17 INSTALL CABLE(S) IN EXISTING CONDUIT
- 18 INSTALL CABLE(S) IN NEW CONDUIT
- 19 INSTALL CABLE(S) IN EXISTING RISER
- 20 INSTALL CABLE(S) IN NEW RISER
- 21 INSTALL CABLE(S) IN EXISTING CONDUIT ENTRANCE
- 22 INSTALL NEW CONDUIT INTO NEW CABINET BASE (USE EXISTING CONDUIT STUBOUTS WHEN AVAILABLE)
- 23 INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUBOUTS WHEN AVAILABLE)
- 24 INSTALL NEW CONDUIT INTO POLE MOUNTED CABINET
- 25 INSTALL NEW RISER INTO POLE MOUNTED CABINET
- 26 TERMINATE FIBER-OPTIC CABLE ON INTERCONNECT CENTER IN CCTV EQUIPMENT CABINET
- 27 RELOCATE ETHERNET EDGE SWITCH TO NEW CABINET
- 28 INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPLICE CABLE IN CABINET
- 29 INSTALL UNDERGROUND SPLICE ENCLOSURE
- 30 INSTALL AERIAL SPLICE ENCLOSURE
- 31 INSTALL SPLICE CABINET
- 32 MODIFY EXISTING SPLICE ENCLOSURE
- 33 REMOVE EXISTING SPLICE CABINET

- 34 INSTALL CABINET FOUNDATION
- 35 REMOVE EXISTING CABINET FOUNDATION
- 36 INSTALL GENERATOR ANCHOR IN FOUNDATION
- 37 INSTALL CCTV WOOD POLE
- 38 INSTALL CCTV CAMERA ASSEMBLY
- 39 INSTALL STANDARD (ELECTRICAL) JUNCTION BOX
- 40 INSTALL OVERSIZED JUNCTION BOX
- 41 INSTALL SPECIAL OVERSIZED JUNCTION BOX
- 42 INSTALL WOOD POLE
- 43 REMOVE EXISTING WOOD POLE
- 44 INSTALL AERIAL GUY ASSEMBLY
- 45 INSTALL STANDARD GUY ASSEMBLY
- 46 INSTALL SIDEWALK GUY ASSEMBLY
- 47 INSTALL MESSENGER CABLE
- 48 REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE
- 49 REMOVE EXISTING COMMUNICATIONS CABLE
- 50 INSTALL CELL MODEM
- 51 INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF CABLE
- 52 INSTALL DELINEATOR MARKER
- 53 STORE 30 FEET OF COMMUNICATIONS CABLE (EACH CABLE), EXCEPT AS NOTED ON PLANS
- 54 LASH CABLE(S) TO EXISTING MESSENGER CABLE
- 55 LASH CABLE(S) TO EXISTING SIGNAL /COMMUNICATION CABLE
- 56 LASH CABLES TO NEW MESSENGER CABLE
- 57 RELOCATE EXISTING CCTV CAMERA ASSEMBLY
- 58 RELOCATE EXISTING POLE MOUNTED CCTV CABINET
- 59 RELOCATE EXISTING 2.4/5.8 GHz RADIO TRANSCEIVER
- 60 RELOCATE PANEL ANTENNA AND INSTALL ANTENNA CABLE
- 61 RELOCATE VIDEO CODEC UNIT
- 62 INSTALL CCTV UNIFIED CABLE
- 63 INSTALL NEW ELECTRICAL SERVICE
- 64 INSTALL POWER FROM EXISTING ELECTRICAL SERVICE
- 65 BOND TRACER WIRE TO EQUIPMENT GROUND BUS ON ONE END
- 66 BOND RISER TO POLE GROUND
- 67 LASH EXISTING FIBER TO NEW MESSENGER CABLE

LEGEND

	NEW FIBER OPTIC COMMUNICATIONS CABLE
	EXISTING COMMUNICATIONS CABLE
	EXISTING COMMUNICATIONS CABLE TO BE REMOVED
	NEW CONDUIT
	EXISTING CONDUIT
	NEW DIRECTIONAL DRILLED CONDUIT
	NEW GUARDRAIL
	EXISTING RIGHT OF WAY
	NEW JUNCTION BOX
	EXISTING JUNCTION BOX
	NEW OVERSIZED HEAVY DUTY JUNCTION BOX WITH SPLICE ENCLOSURE
	EXISTING OVERSIZED HEAVY DUTY JUNCTION BOX WITH NEW SPLICE ENCLOSURE
	SNOW SHOE
	NEW WOOD POLE
	EXISTING WOOD POLE
	NEW AERIAL SPLICE ENCLOSURE
	EXISTING AERIAL SPLICE ENCLOSURE
	NEW METAL POLE WITH MAST ARM
	EXISTING METAL POLE WITH MAST ARM
	NEW CCTV CAMERA ASSEMBLY
	EXISTING CCTV CAMERA ASSEMBLY
	NEW STANDARD GUY ASSEMBLY
	EXISTING STANDARD GUY ASSEMBLY
	NEW SIDEWALK GUY ASSEMBLY
	EXISTING SIDEWALK GUY ASSEMBLY
	NEW SIGNAL CABINET
	EXISTING SIGNAL CABINET
	NEW FIELD EQUIPMENT CABINET
	EXISTING FIELD EQUIPMENT CABINET
	SIGNAL POLE
	EXISTING PANEL ANTENNA (SINGLE)
	NEW ELECTRICAL SERVICE
	ITS DEVICE NUMBER
	SIGNAL INVENTORY NUMBER

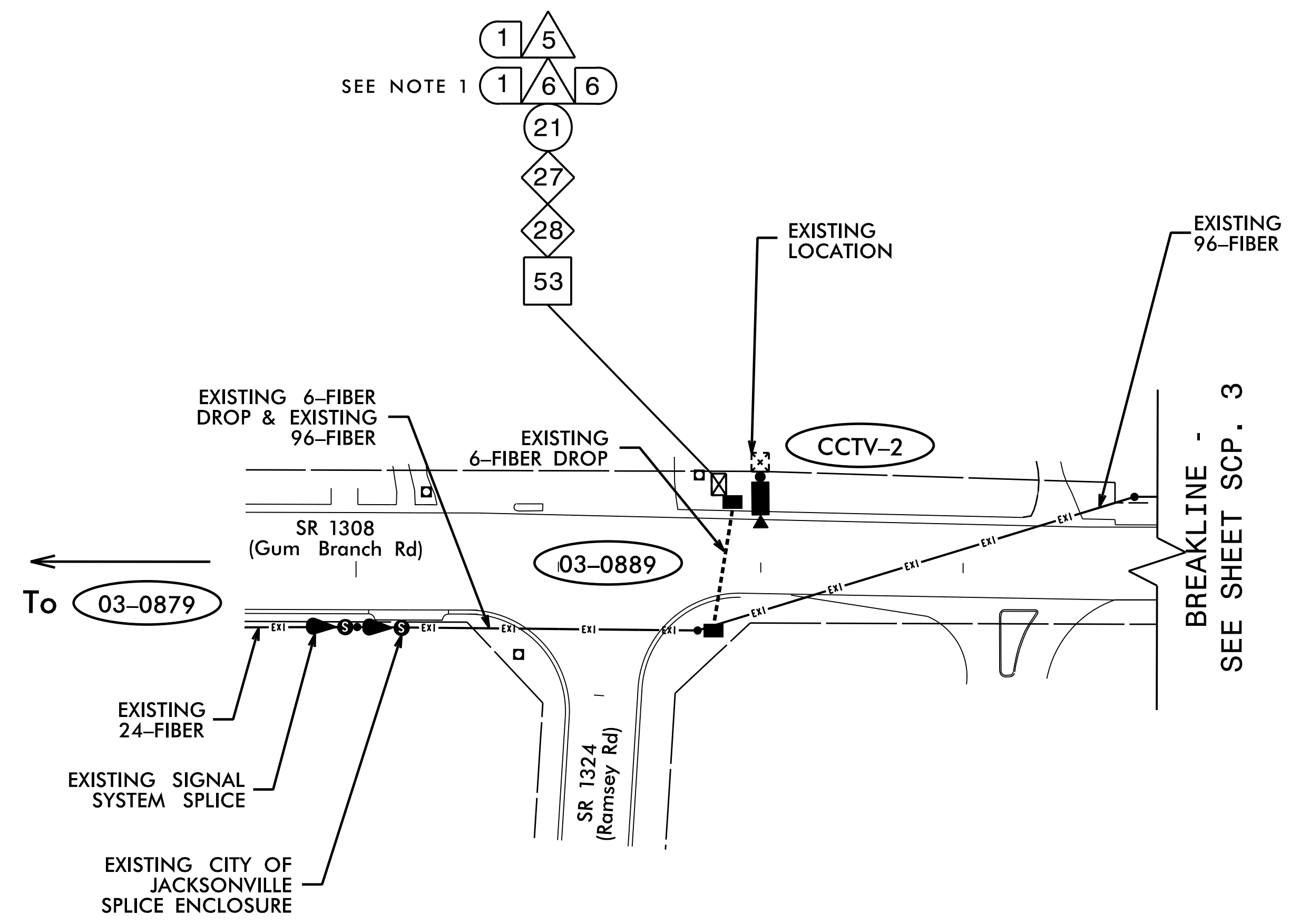
CONSTRUCTION NOTE SYMBOLOGY KEY

NUMBER OF CABLE(S), LOOPS, ETC.		NUMBER OF FIBERS / TWISTED PAIRS PER CABLE, ETC.
NUMBER OF RISER(S) / CONDUIT(S)		DIAMETER OF RISER(S) / CONDUIT(S) (INCH)
NUMBER OF DEVICES		NUMBER OF FIBERS

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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 Raleigh, North Carolina 27609
 NC License No: C-1554
 (919) 546-8997

	CONSTRUCTION NOTES AND LEGEND	
	Division 03 Onslow Co. Jacksonville	PLAN DATE: October 2018 REVIEWED BY: T.R. Terrell
250 N. Greenfield Place, Garner, NC 27529	PREPARED BY: A.H. Thornburg REVIEWED BY: N.R. Simmons	Signature: <i>Natasha Simmons</i> DATE: 6/30/2021
SCALE: NONE	REVISIONS	INIT. DATE
CADD Filename: U4906 SCP 01.dgn		



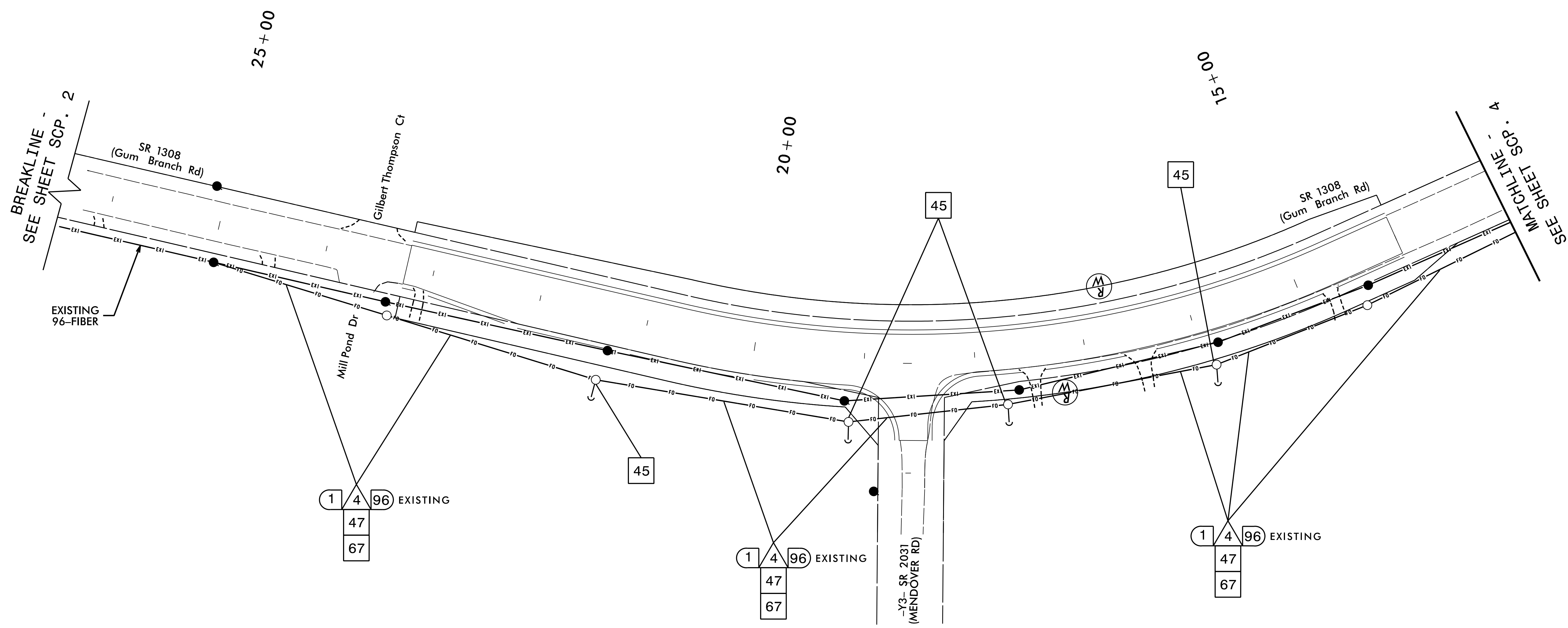
NOTES:

1. PULL THE EXISTING 6-FIBER CABLE TO THE JUNCTION BOX NEXT TO THE SIGNAL CABINET DURING THE SIGNAL CABINET CHANGE-OUT. CAP THE FIBERS DURING STORAGE. PULL THE 6-FIBER CABLE BACK IN AND RECONNECT TO THE NEW INTERCONNECT CENTER.
2. PULL THE EXISTING CAT 5 CABLE FOR THE CCTV TO THE JUNCTION BOX NEXT TO THE SIGNAL CABINET DURING THE SIGNAL CABINET CHANGE OUT. PULL THE CAT 5 CABLE BACK IN AND RECONNECT TO THE ETHERNET SWITCH.
3. RETURN EXISTING SIGNAL CABINET TO DIVISION 3 TRAFFIC SERVICES.

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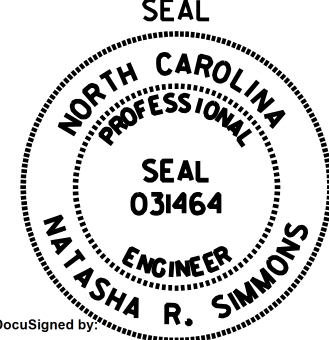
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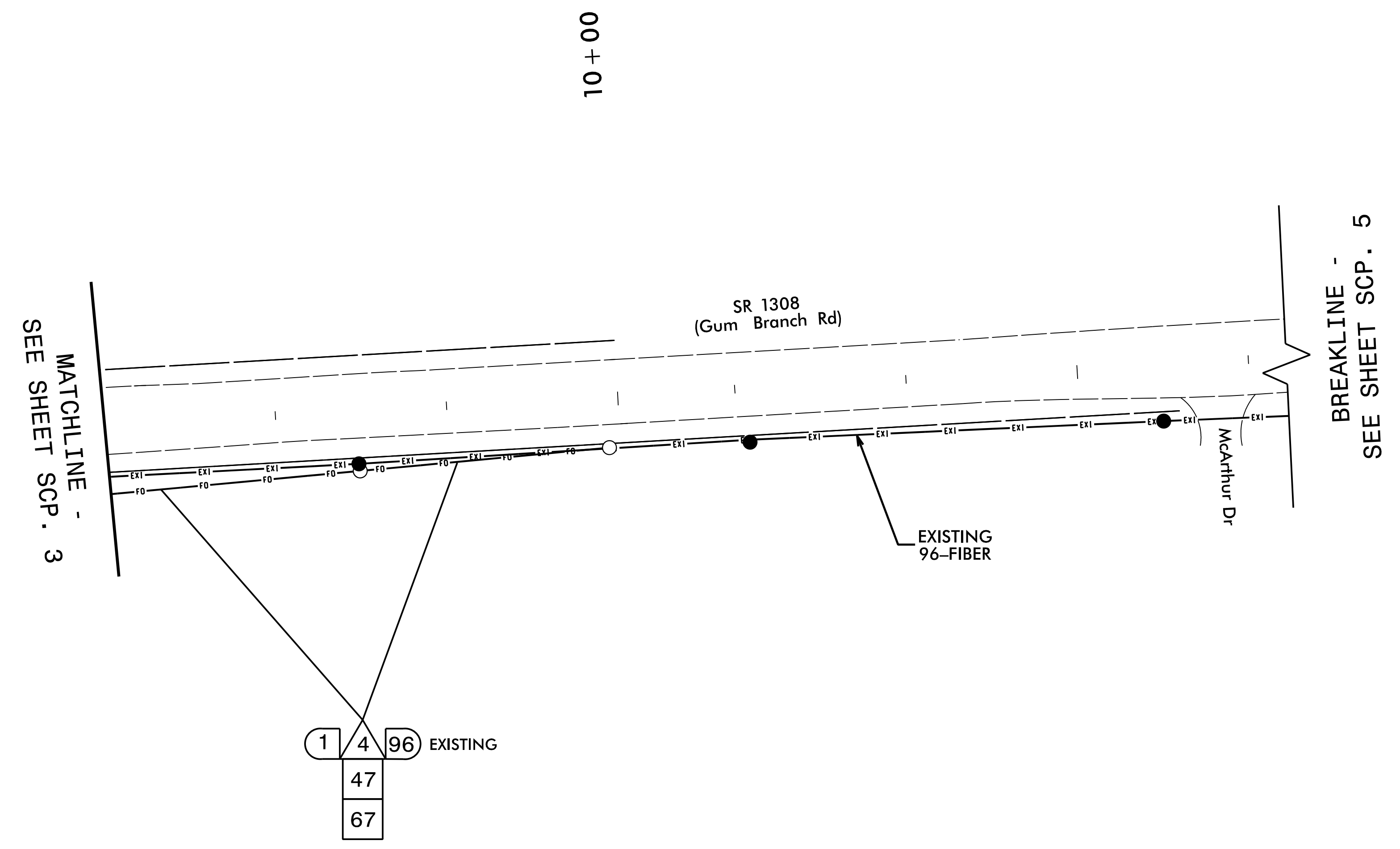
 <small>250 N. Greenfield Place, Garner, NC 27529</small>	CABLE ROUTING PLANS		 <small>6/30/2021</small>											
	Division 03 Onslow Co. Jacksonville PLAN DATE: October 2018 REVIEWED BY: T.R. Terrell PREPARED BY: A.H. Thornburg REVIEWED BY: N.R. Simmons	<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		REVISIONS	INIT.	DATE								
REVISIONS	INIT.	DATE												
		SIGNATURE DATE <small>CADD File name: U4906 SCP. 02.dgn</small>												



NOTES:
 1. RELOCATE THE EXISTING CITY FIBER TO THE NEW POLE LINE.

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 NC License No: C-1554
 (919) 546-8997

Plans Prepared for: 		CABLE ROUTING PLANS		SEAL 	
Division 03 Onslow Co. Jacksonville		PLAN DATE: October 2018 REVIEWED BY: T.R. Terrell		PREPARED BY: A.H. Thornburg REVIEWED BY: N.R. Simmons	
250 N. Greenfield Place - Garner, NC 27529		SCALE 0 50 1" = 50'		SIGNATURE DATE _____ 6/30/2021	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED					



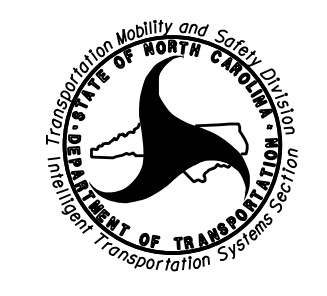
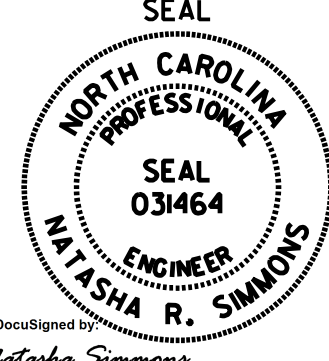
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

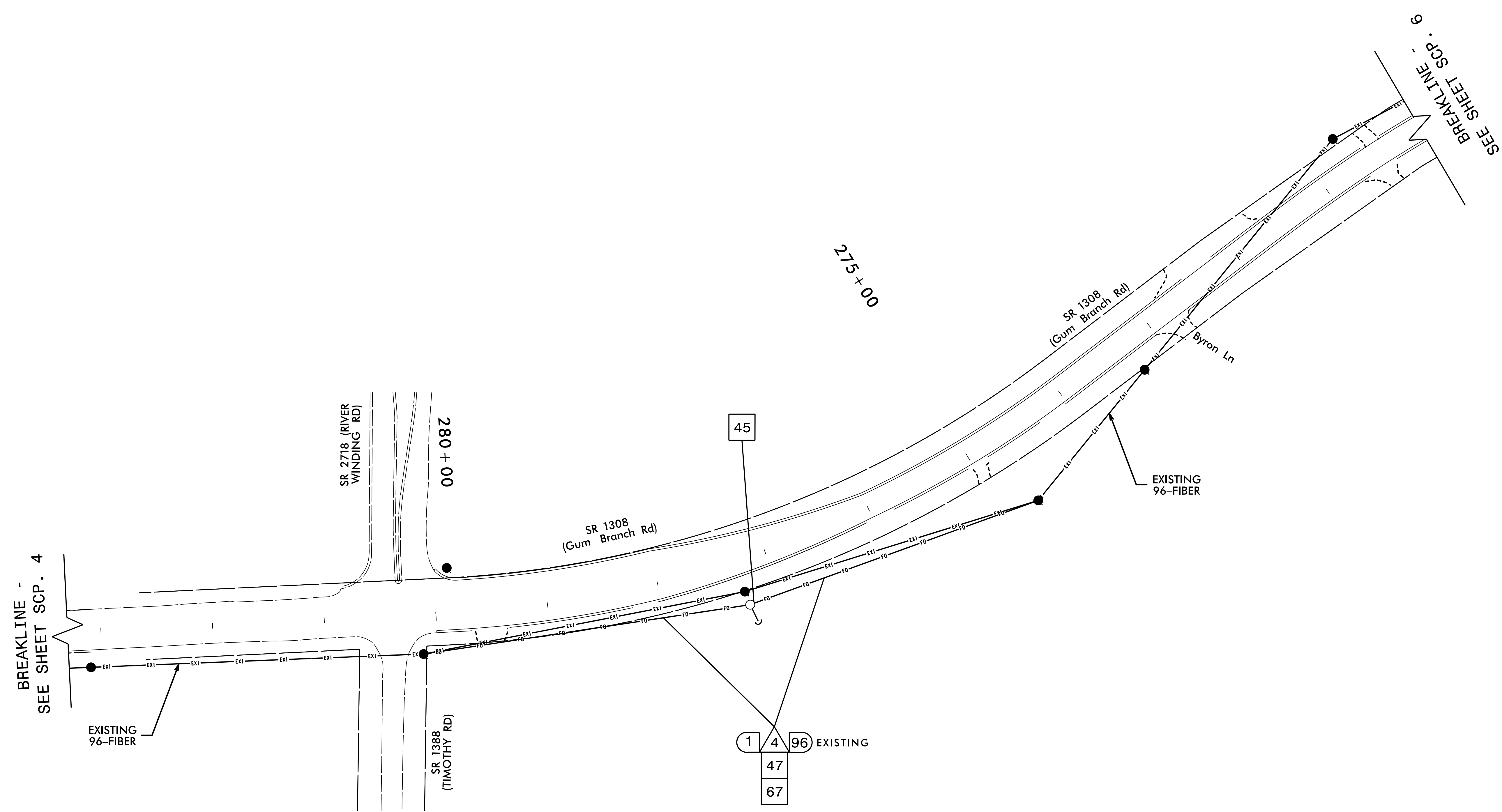
NOTES:

1. RELOCATE THE EXISTING CITY FIBER TO THE NEW POLE LINE.

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 <small>250 N. Greenfield Place, Garner, NC 27529</small>	CABLE ROUTING PLANS														
	Division 03	Onslow Co.		Jacksonville											
<small>PLANNING, DESIGN, CONSTRUCTION AND MAINTENANCE</small> <small>TRANSPORTATION SYSTEMS</small>	<small>PLAN DATE:</small> October 2018 <small>PREPARED BY:</small> A.H. Thornburg	<small>REVIEWED BY:</small> T.R. Terrell <small>REVIEWED BY:</small> N.R. Simmons	<small>SEAL</small> <small>DATE</small> 6/30/2021 <small>SIGNATURE</small> Natasha Simmons												
<small>0 SCALE 50</small> <small>1" = 50'</small>	<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE				<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE				<small>CADD File name: U4906 SCP_04.dgn</small>
REVISIONS	INIT.	DATE													
REVISIONS	INIT.	DATE													




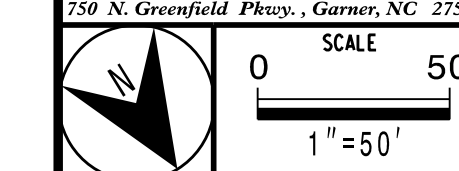
BREAKLINE -
SEE SHEET SCP. 4

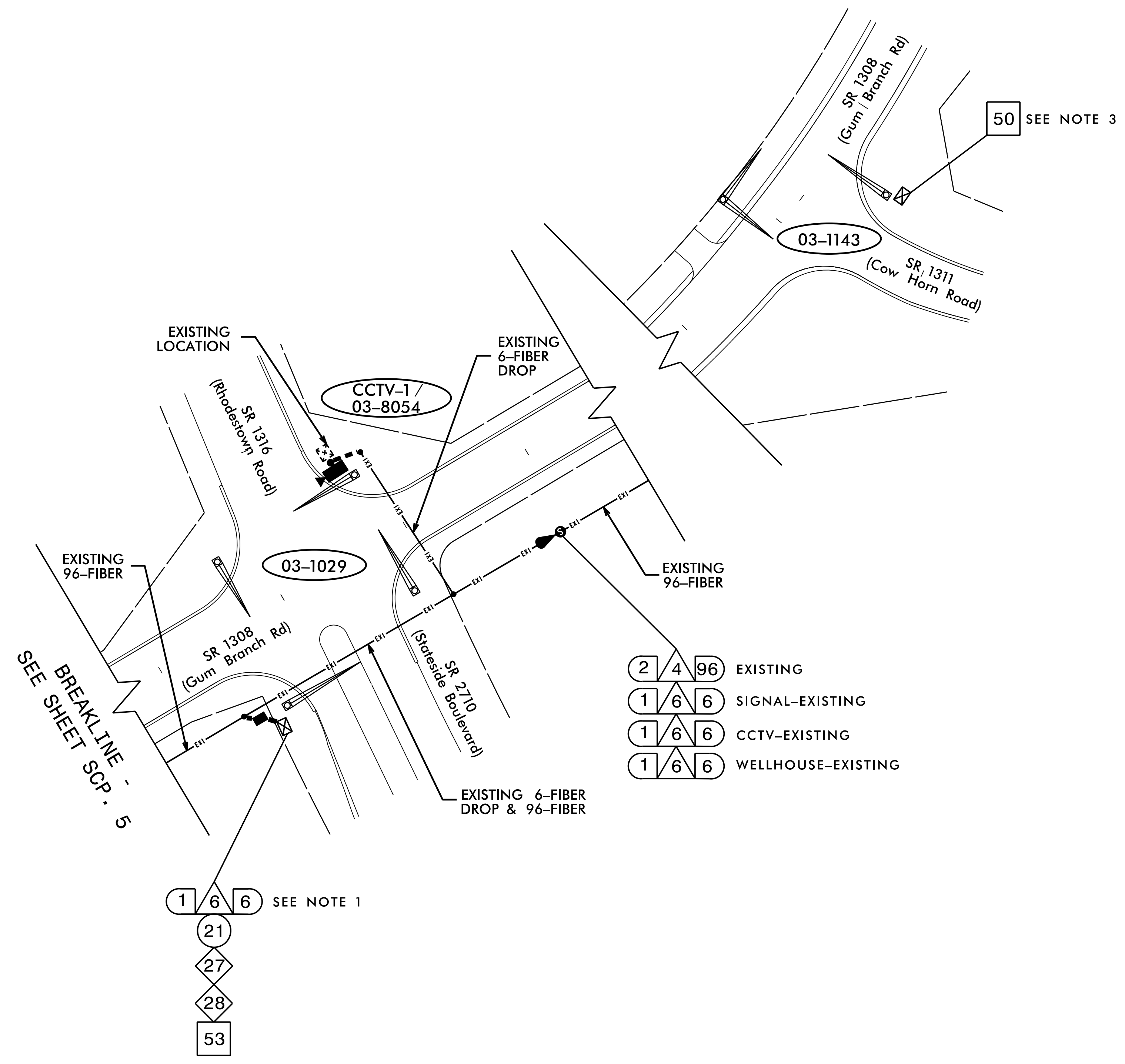
BREAKLINE -
SEE SHEET SCP. 6

NOTES:
1. RELOCATE THE EXISTING CITY FIBER TO THE NEW POLE LINE.

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Plans Prepared for:  250 N. Greenfield Place, Garner, NC 27529		CABLE ROUTING PLANS Division 03 Onslow Co. Jacksonville PLAN DATE: October 2018 REVIEWED BY: T.R. Terrell PREPARED BY: A.H. Thornburg REVIEWED BY: N.R. Simmons PREPARED BY: N.R. Simmons DATE: 6/30/2021 SIGNATURE: <i>Natasha R. Simmons</i> DATE: 6/30/2021 SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 031464 CADD Filename: U4906 SCP_05.dgn													
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		REVISIONS	INIT.	DATE									
REVISIONS	INIT.	DATE													





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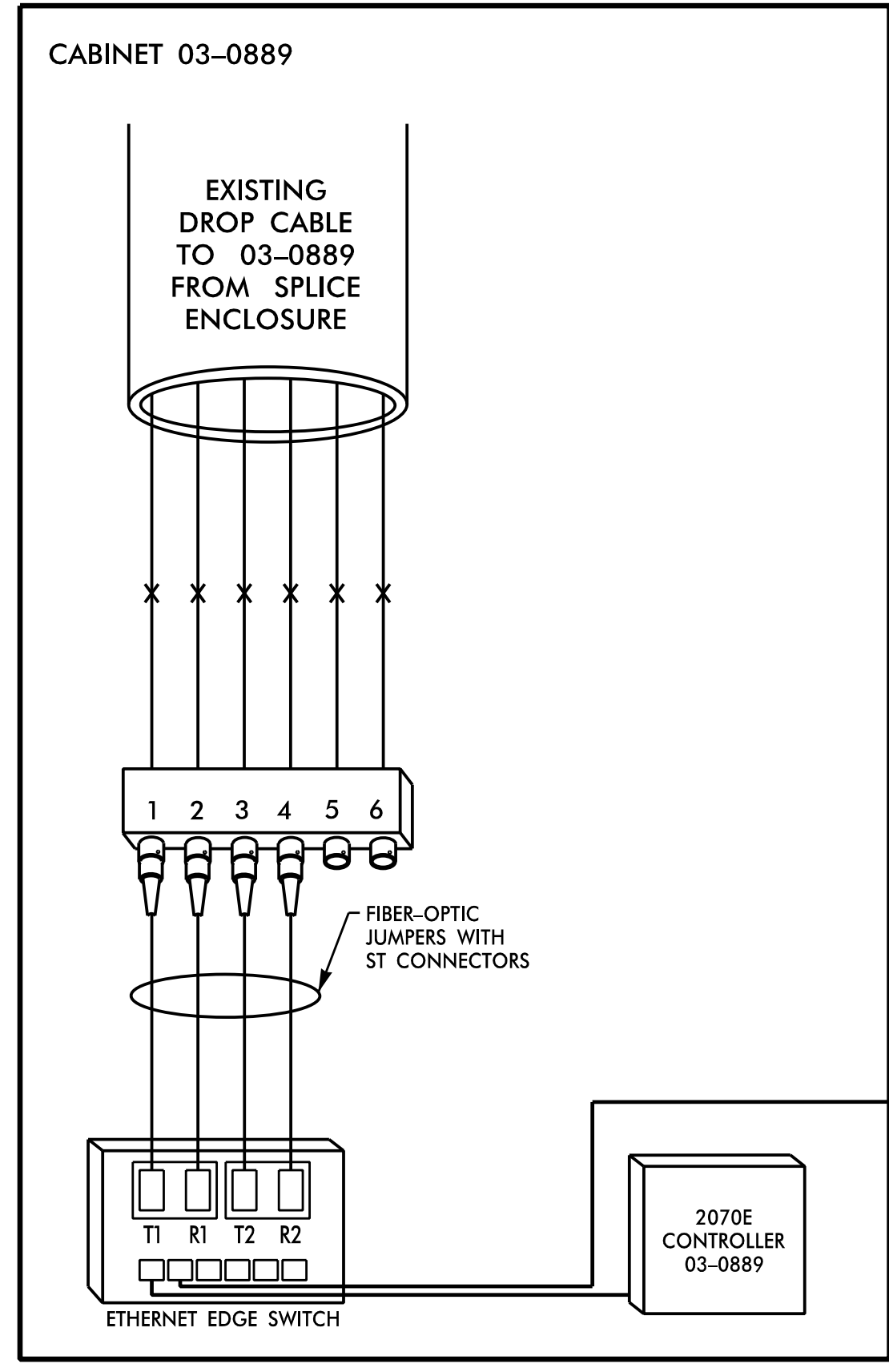
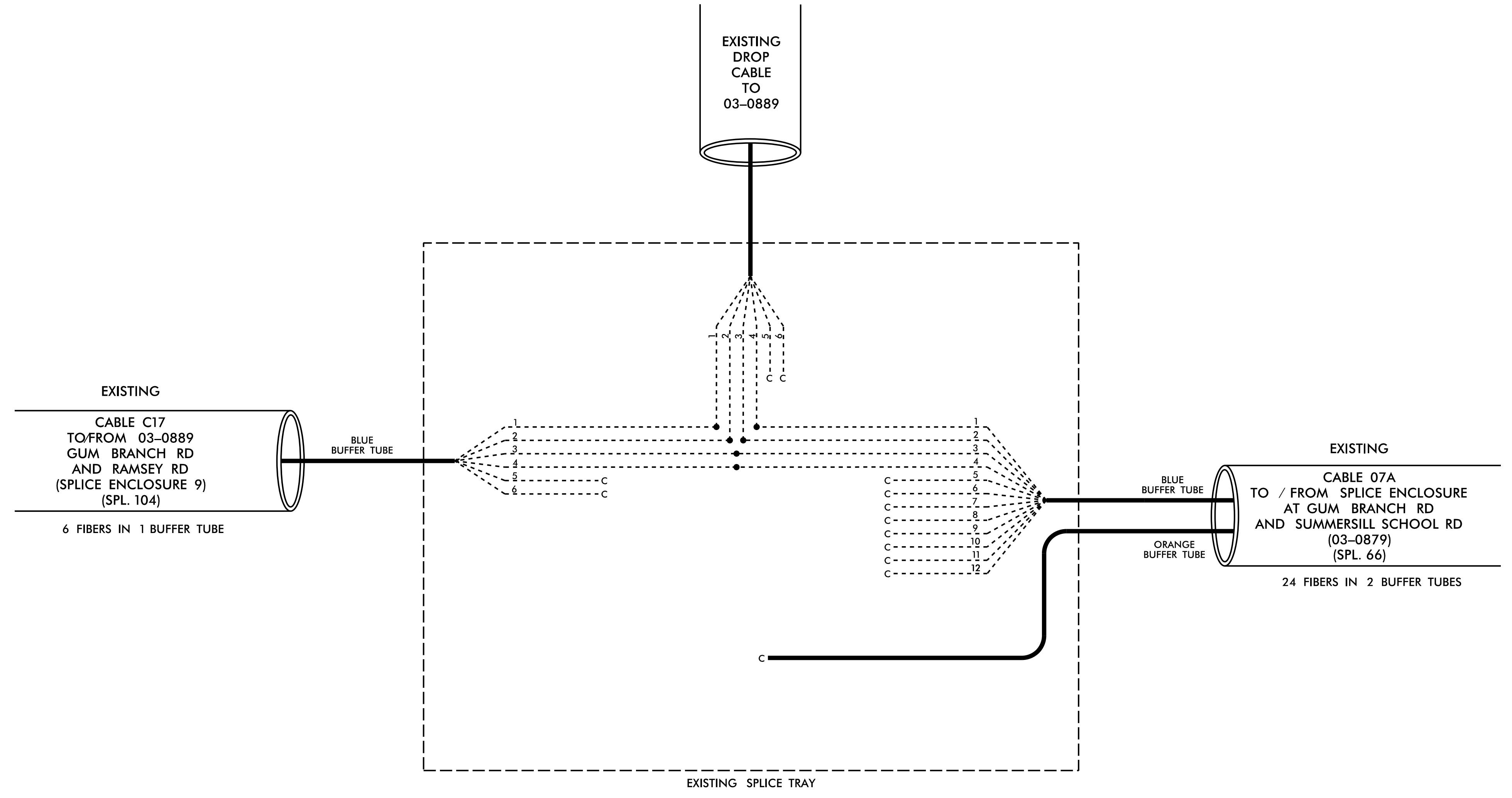
- PULL THE EXISTING 6-FIBER CABLE TO THE JUNCTION BOX NEXT TO THE SIGNAL CABINET DURING THE SIGNAL CABINET CHANGE-OUT. CAP THE FIBERS DURING STORAGE. PULL THE 6-FIBER CABLE BACK IN AND RECONNECT TO THE NEW INTERCONNECT CENTER.
- RETURN EXISTING CABINET TO DIVISION 3 TRAFFIC SERVICES.
- NCDOT DIVISION 3 WILL FURNISH AND INSTALL CELL MODEM. CONTACT SIX (6) WEEKS PRIOR TO BEGINNING WORK.

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 Plans Prepared for: CABLE ROUTING PLANS	 SEAL NORTH CAROLINA PROFESSIONAL ENGINEER NATASHA R. SIMMONS									
Division 03 Onslow Co. Jacksonville PLAN DATE: October 2018 REVIEWED BY: T.R. Terrell PREPARED BY: A.H. Thornburg REVIEWED BY: N.R. Simmons	<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE						
REVISIONS	INIT.	DATE								
 250 N. Greenfield Place, Garner, NC 27529 SCALE 0 50 1" = 50'	Signature: <i>Natasha Simmons</i> DATE: 6/30/2021 CADD File Name: U4906 SCP_06.dgn									

03-0889/CCTV-2
 SR 1308 (GUM BRANCH RD)
 AT
 SR 1324 (RAMSEY RD)

COLOR CODE TIA/EIA 598-C		LEGEND	
(1) BLUE	(7) RED	X = NEW FUSION SPLICE INDIVIDUAL FIBER	
(2) ORANGE	(8) BLACK	● = EXISTING FUSION SPLICE	
(3) GREEN	(9) YELLOW	C = CAP AND SEAL	
(4) BROWN	(10) VIOLET	EXPRESS = EXPRESS ENTIRE BUFFER TUBE THROUGH WITHOUT CUTTING	
(5) SLATE	(11) ROSE	BUFFER SPLICE = SPLICE ALL FIBERS IN BUFFER TUBE COLOR TO COLOR	
(6) WHITE	(12) AQUA		



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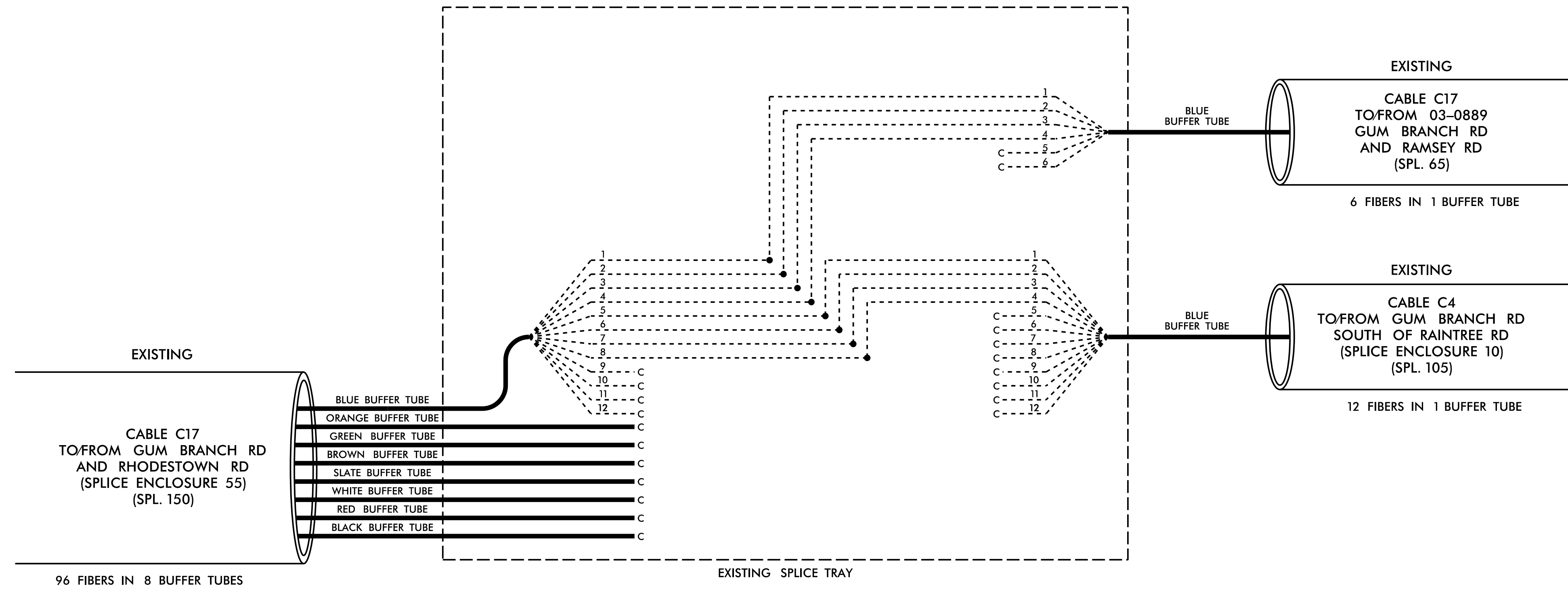
Plans Prepared for:			
Division 03 Onslow Co. Jacksonville		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER 031464 N. R. SIMMONS	
PLAN DATE: October 2018	REVIEWED BY: T.R. Terrell	PREPARED BY: A.H. Thornburg	REVIEWED BY: N.R. Simmons
SCALE: NONE	REVISIONS	INIT.	DATE
		SIGNATURE: <i>Natasha Simmons</i> DATE: 6/30/2021	
CADD Filename: U4906 SCP 07.dgn			

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GUM BRANCH RD
AND RAMSEY RD
(SPlice ENCLOSURE 9)


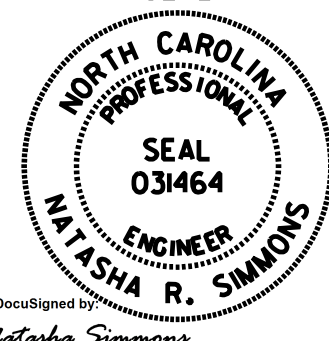
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COLOR CODE TIA/EIA 598-C			LEGEND	
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(3) GREEN	(9) YELLOW	C =	CAP AND SEAL	
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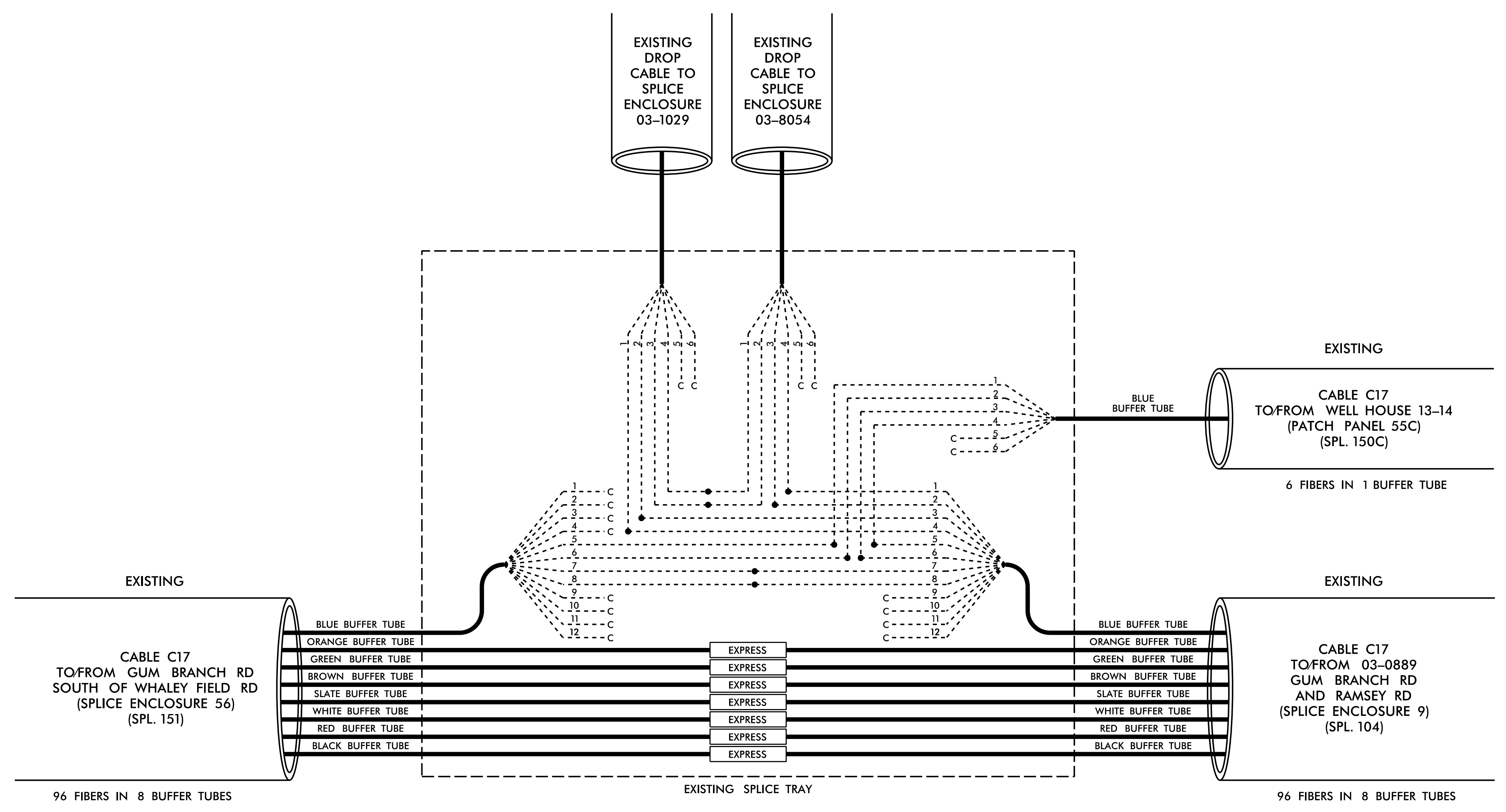
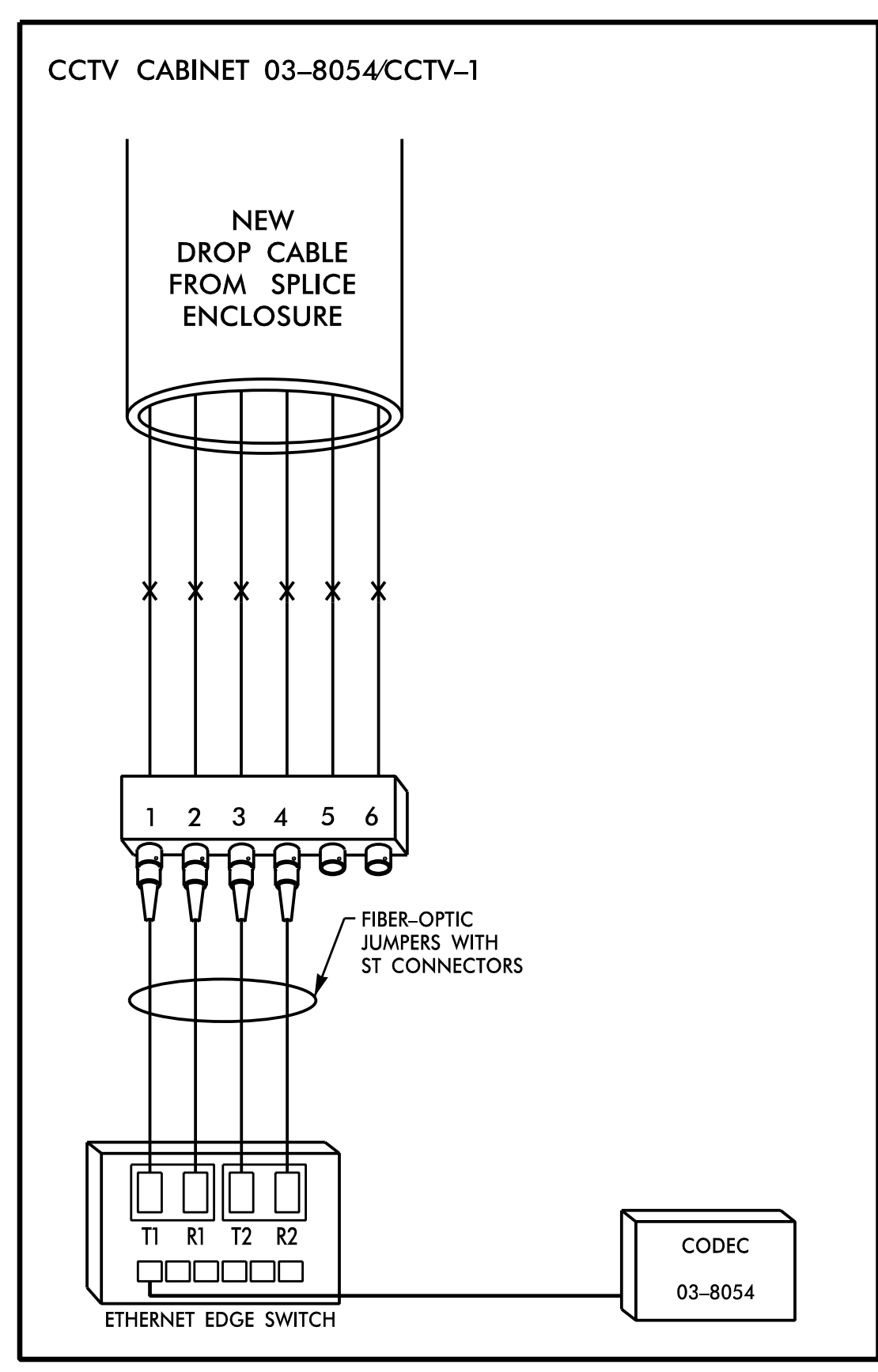
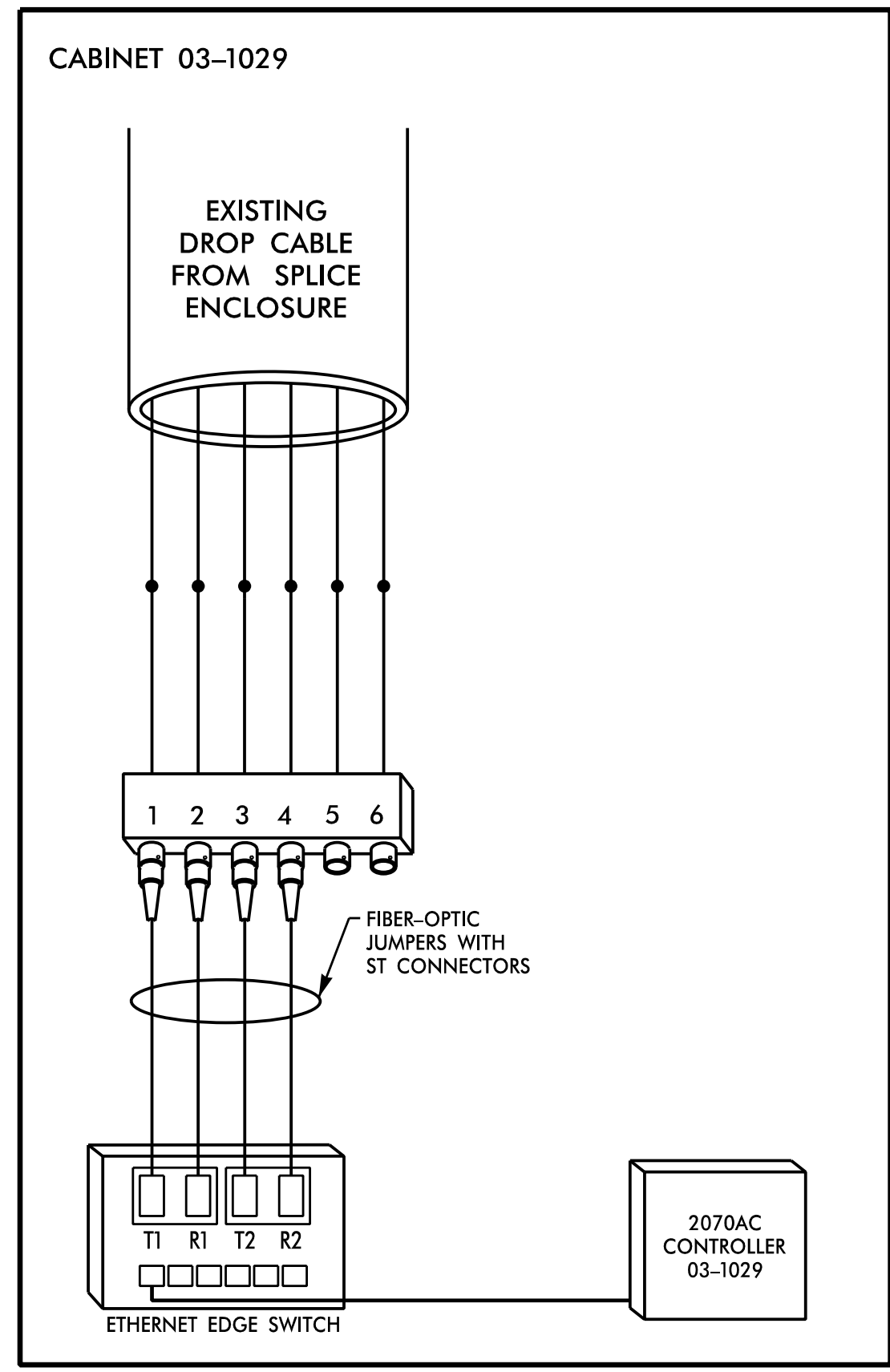
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Plans Prepared for:  250 N. Greenfield Place, Garner, NC 27529	SPlice DETAILS		SEAL  ASHLEY R. SIMMONS ENGINEER
	Division 03 Onslow Co. Jacksonville PLAN DATE: October 2018 REVIEWED BY: T.R. Terrell PREPARED BY: A.H. Thornburg REVIEWED BY: N.R. Simmons	SCALE: NONE REVISIONS:	
SIGNATURE: <i>Natasha Simmons</i> DATE: 6/30/2021 CADD File name: U4906 SCP 08.dgn			

03-1029/CCTV-1(03-8054)
GUM BRANCH RD
AND RHODESTOWN RD
(SPlice ENCLOSURE 55)

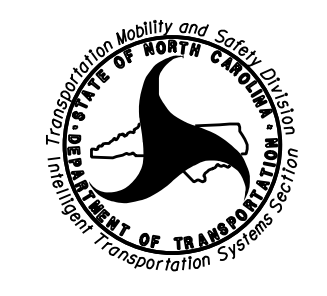
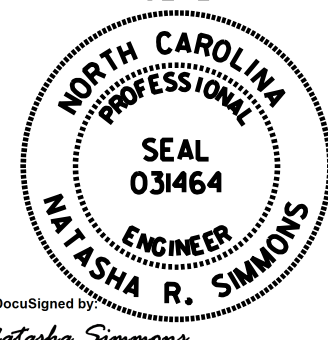
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Plans Prepared for:  250 N. Greenfield Place, Garner, NC 27529	SPlice DETAILS		SEAL  Ashley R. Simmons 6/30/2021
	Division 03 Onslow Co. Jacksonville PLAN DATE: October 2018 REVIEWED BY: T.R. Terrell PREPARED BY: A.H. Thornburg REVIEWED BY: N.R. Simmons	SCALE NONE	