

- 1 INSTALL REA, PE - 22, SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE
- 2 INSTALL COAX CABLE
- 3 INSTALL ETHERNET CABLE
- 4 INSTALL SMFO CABLE
- 5 EXISTING SMFO 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 FIBER OPTIC CABLE SEAL
- 13 INSTALL OUTER-DUCT POLYETHYLENE CONDUIT
- 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 WITH HEAT SHRINK RETROFIT KIT
- 20 INSTALL CABLE(S) IN NEW RISER
- 21 INSTALL CABLE(S) IN EXISTING CONDUIT STUB-OUTS
- 22 INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)
- 23 INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)
- 24 INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET
- 25 INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET
- 26 MODIFY EXISTING INTERCONNECT CENTER /SPLICE ENCLOSURE
- 27 INSTALL NEW FIBER OPTIC TRANSCEIVER
- 28 INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS AND FUSION SPLICE CABLE IN CABINET
- 29 INSTALL UNDERGROUND SPLICE ENCLOSURE
- 30 INSTALL AERIAL SPLICE ENCLOSURE
- 31 MODIFY EXISTING SPLICE ENCLOSURE
- 32 INSTALL BASE MOUNTED SPLICE CABINET
- 33 REMOVE EXISTING SPLICE CABINET

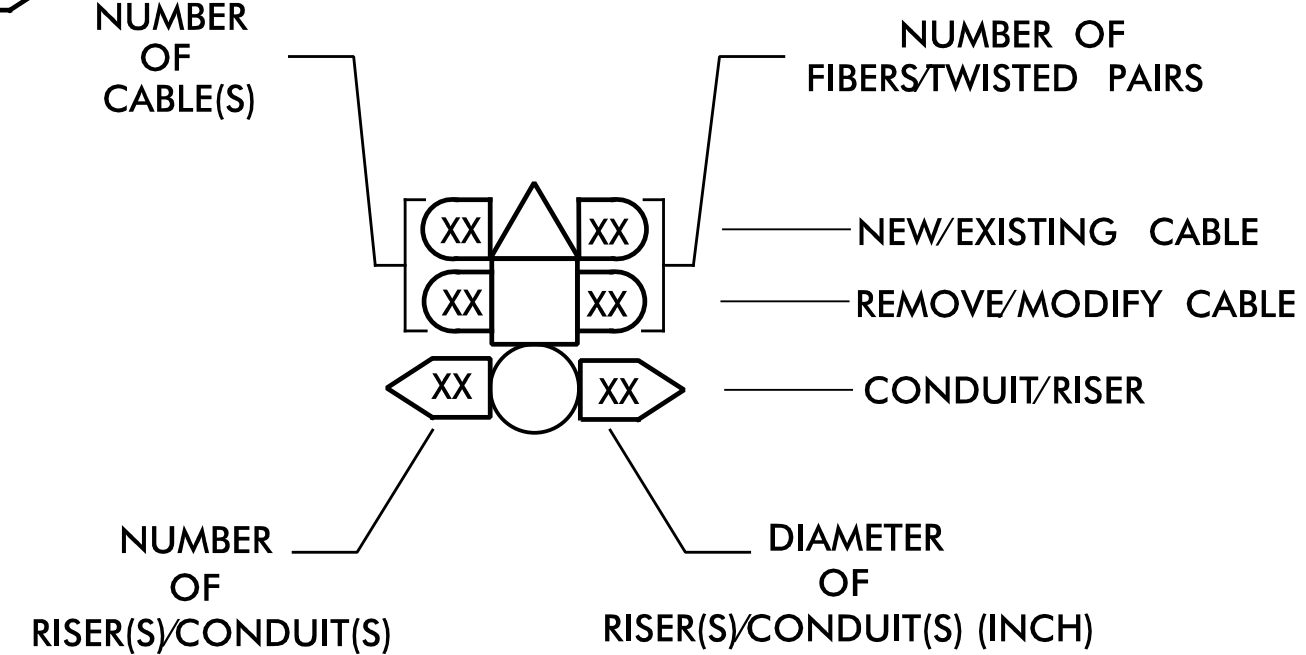
- 34 INSTALL CABINET FOUNDATION
- 35 INSTALL CCTV CAMERA POLE MOUNTED CABINET
- 36 INSTALL CCTV CAMERA ASSEMBLY
- 37 INSTALL CCTV CAMERA WOOD POLE
- 38 INSTALL CCTV CAMERA METAL POLE AND FOUNDATION
- 39 INSTALL JUNCTION BOX
- 40A INSTALL OVERSIZED JUNCTION BOX
- 40B INSTALL SPECIAL OVERSIZED JUNCTION BOX (36" x 24" x 24")
- 41 REMOVE EXISTING 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
- 48A REMOVE EXISTING COMMUNICATIONS AND MESSENGER CABLE
- 48B REMOVE EXISTING COMMUNICATIONS CABLE
- 49 BACK PULL EXISTING COMMUNICATIONS CABLE
- 50 INSTALL CELL MODEM
- 51 INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF CABLE
- 51A INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 200 FEET OF CABLE
- 52A INSTALL DELINEATOR MARKER
- 52B INSTALL JUNCTION BOX MARKER
- 53 STORE 20 FEET OF COMMUNICATIONS CABLE
- 54 LASH CABLE(S) TO EXISTING COMMUNICATIONS CABLE
- 55 LASH CABLE(S) TO EXISTING MESSENGER CABLE
- 56 LASH CABLE(S) TO NEW MESSENGER CABLE
- 57 MODIFY EXISTING ELECTRICAL SERVICE
- 58 INSTALL NEW ELECTRICAL SERVICE
- 59 INSTALL NEW ETHERNET EDGE SWITCH
- 60 BOND TRACER WIRE TO EQUIPMENT GROUND BUS
DO NOT BOND TRACER WIRE TO EQUIPMENT GROUND BUS
- 61 BOND RISER AND MESSENGER CABLE TO POLE GROUND
- 62 BOND RISER TO POLE GROUND
- 63 BOND MESSENGER CABLE TO POLE GROUND
- 64 INSTALL HEAT SHRINK TUBING RETROFIT KIT
- 65 INSTALL MOLDABLE DUCT SEAL
- 66 SLACK SPAN

LEGEND

	FO	NEW FIBER OPTIC COMMUNICATIONS CABLE		NEW JUNCTION BOX		NEW CABLE STORAGE RACKS (SNOW SHOES)
	TWIST PR	NEW TWISTED PAIR COMMUNICATIONS CABLE		EXISTING JUNCTION BOX		EXISTING CABLE STORAGE RACK (SNOW SHOE)
	EXI	EXISTING COMMUNICATIONS CABLE		NEW WOOD POLE		EXISTING CONTROLLER AND CABINET
	REM	EXISTING COMMUNICATIONS CABLE TO BE REMOVED		EXISTING WOOD POLE		NEW CCTV CABINET
		NEW AERIAL GUY ASSEMBLY		AERIAL SPLICE ENCLOSURE		EXISTING SPLICE CABINET
		NEW CONDUIT		SPLICE ENCLOSURE		NEW SPLICE CABINET
		EXISTING CONDUIT		EXISTING SPLICE ENCLOSURE		
	DD	NEW DIRECTIONAL DRILLED CONDUIT		NEW METAL POLE		
	B&J	NEW BORED AND JACKED CONDUIT		EXISTING METAL POLE		
		NEW JUNCTION BOX		NEW CCTV ASSEMBLY		
		EXISTING JUNCTION BOX		NEW STANDARD GUY ASSEMBLY		
		NEW WOOD POLE		NEW SIDEWALK GUY ASSEMBLY		
		EXISTING WOOD POLE		EXISTING GUY ASSEMBLY		
		AERIAL SPLICE ENCLOSURE				
		SPLICE ENCLOSURE				
		EXISTING SPLICE ENCLOSURE				
		NEW METAL POLE				
		EXISTING METAL POLE				
		NEW CCTV ASSEMBLY				
		NEW STANDARD GUY ASSEMBLY				
		NEW SIDEWALK GUY ASSEMBLY				
		EXISTING GUY ASSEMBLY				
		SIGNAL INVENTORY NUMBER				

CONSTRUCTION NOTE SYMBOLOGY KEY

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



ATTACHMENT POINT:

- DISTANCE ABOVE (IN)/ATTACHMENT POINT REFERENCE POINT
- REFERENCE POINT DISTANCE BELOW (IN)/ATTACHMENT POINT

"SS" REFERENCE LOCATION
 FS = FRONT SIDE OF POLE
 BS = BACK SIDE OF POLE

NC Dept of Transportation
 Division of Highways
 Final Drawing Date: _____
 ITS & Signals Unit

SEPI
 Engineering & Construction, Inc.
 1 Glenwood Avenue
 Raleigh, NC 27603
 Tel: 919.789.9977
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 License: C-2197

Prepared for the Offices of: STATE OF NORTH CAROLINA Department of Transportation 250 N. Greenfield Place, Garner, NC 27529		CONSTRUCTION NOTES		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 14543 GENE G. MURR, JR. ENGINEER							
Division 6 Columbus County Whiteville		PLAN DATE: March 2020 REVIEWED BY: G.G. Murr, Jr. PREPARED BY: M Ishak M&M PROJECT NO.:									
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