

- 1

INSTALL REA, PE – 22, SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE
- 2

INSTALL COAX CABLE
- 3

INSTALL ETHERNET CABLE
- 4

INSTALL SMFO CABLE
- 5

INSTALL MMFO 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
- 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 ETHERNET EDGE SWITCH
- 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 POLE MOUNTED SPLICE CABINET
- 32

INSTALL BASE MOUNTED SPLICE CABINET
- 33

REMOVE EXISTING SPLICE CABINET

- 34

INSTALL CABINET FOUNDATION
- 35

REMOVE EXISTING CABINET FOUNDATION
- 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
- 48

REMOVE EXISTING COMMUNICATIONS AND MESSENGER CABLE
- 49

REMOVE EXISTING MESSENGER CABLE
- 50

INSTALL TELEPHONE SERVICE
- 51

INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF CABLE
- 52A

INSTALL DELINEATOR MARKER
- 52B

INSTALL JUNCTION BOX MARKER
- 53

STORE 50 FEET OF COMMUNICATIONS CABLE
- 54

LASH CABLE(S) TO EXISTING SIGNAL/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 FIELD ETHERNET SWITCH
- 60

BOND TRACER WIRE TO EQUIPMENT GROUND BUS
- 61

DO NOT BOND TRACER WIRE TO EQUIPMENT GROUND BUS
- 62

BOND RISER AND MESSENGER CABLE TO POLE GROUND

ATTACHMENT POINT:

- XX"/SS

YYY

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

XX"/SS

REFERENCE POINT DISTANCE BELOW (IN)/ATTACHMENT POINT

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

LEGEND	
	NEW FIBER OPTIC COMMUNICATIONS CABLE
	NEW TWISTED PAIR COMMUNICATIONS CABLE
	EXISTING COMMUNICATIONS CABLE
	EXISTING COMMUNICATIONS CABLE TO BE REMOVED
	NEW AERIAL GUY ASSEMBLY
	NEW CONDUIT
	EXISTING CONDUIT
	NEW DIRECTIONAL DRILLED CONDUIT
	NEW BORED AND JACKED CONDUIT
	NEW JUNCTION BOX
	EXISTING JUNCTION BOX
	NEW WOOD POLE
	EXISTING WOOD POLE
	NEW UNDERGROUND SPLICE ENCLOSURE
	AERIAL SPLICE ENCLOSURE
	NEW METAL POLE
	EXISTING METAL POLE
	NEW CCTV ASSEMBLY
	NEW STANDARD GUY ASSEMBLY
	NEW SIDEWALK GUY ASSEMBLY
	NEW CABLE STORAGE RACKS (SNOW SHOES)
	EXISTING CABLE STORAGE RACK (SNOW SHOES)
	EXISTING CONTROLLER AND CABINET
	EXISTING GATEWAY CONTROLLER AND CABINET
	EXISTING SPLICE CABINET
	NEW SPLICE CABINET
	SIGNAL POLE
	SIGNAL INVENTORY NUMBER

CONSTRUCTION NOTE SYMBOLOGY KEY

- XX

INDICATES NUMBER OF CABLES, LOOPS, ETC.
- XX

INDICATES NUMBER OF FIBERS PER CABLE, TWISTED PAIRS PER CABLE, ETC.
- XX

INDICATES NUMBER OF RISER(S)/CONDUIT(S)
- XX

INDICATES DIAMETER OF RISER(S)/CONDUIT(S) (INCH)
- NUMBER OF CABLE(S)

XX

NUMBER OF FIBERS/TWISTED PAIRS
- NUMBER OF

XX

DIAMETER OF

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Division 2

Craven County

New Bern

PLAN DATE: April 2025

REVIEWED BY: BN Groome

PREPARED BY: DS Griffith

RKA PROJ. NO.: 17359 (041)

REVISIONS

INIT. DATE

0

SCALE

N/A

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

Signed by: Brittany N. Groome 4/24/2025

DATE