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PROJECT REFERENCE NO.	SHEET NO.
U-4751	SCP-06

1. INSTALL COMPOSITE CCTV CABLE
2. INSTALL LOW VOLTAGE POWER CABLE (24VAC)
3. INSTALL CATEGORY 5E CABLE
4. INSTALL SMFO CABLE
5. BACK–PULL EXIST SMFO CABLE
6. INSTALL FIBER–OPTIC DROP CABLE
7. INSTALL TRACER WIRE
8. TRENCH CONDUIT
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 HIGH DENSITY 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(S)
20. INSTALL CABLE(S) IN NEW RISER(S)
21. INSTALL CABLE(S) IN EXISTING CABINET ENTRANCE
22. INSTALL NEW CONDUIT INTO CABINET BASE (USE EX CABINET ENTRANCE WHEN AVAILABLE)
23. INSTALL NEW RISER INTO CABINET BASE (USE EX CABINET ENTRANCE WHEN AVAILABLE)
24. INSTALL NEW CONDUIT INTO POLE MOUNTED CABINET
25. INSTALL NEW RISER INTO POLE MOUNTED CABINET
26. INSTALL DIGITAL VIDEO ENCODER
27. INSTALL NEW ETHERNET EDGE SWITCH IN 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 OR INTERCONNECT CENTER
33. REMOVE EXISTING SPLICE /HUB /CCTV CABINET
34. INSTALL CABINET FOUNDATION
35. REMOVE EXISTING CABINET FOUNDATION
36. INSTALL CCTV CAMERA ASSEMBLY
37. INSTALL CCTV WOOD POLE
38. INSTALL STANDARD SIZE JUNCTION BOX
39. INSTALL SPECIAL–SIZED JUNCTION BOX
40. INSTALL OVER–SIZED JUNCTION BOX
41. REMOVE EXISTING JUNCTION BOX
42. INSTALL WOOD POLE
43. REMOVE EXISTING WOOD POLE
44. INSTALL AERIAL GUY ASSEMBLY
45. INSTALL STANDARD DOWN 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 WIRELESS DSL
51. INSTALL CABLE STORAGE GUIDE(S) [SNOW SHOE(S)] AND STORE 100 FEET OF EACH CABLE
52. INSTALL DELINEATOR MARKER
53. STORE 50 FEET OF COMMUNICATIONS CABLE (EACH 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 FOR CCTV
58. INSTALL NEW ELECTRICAL SERVICE FOR CCTV
59. INSTALL NEW POLE MOUNTED CCTV CABINET (336)
60. REMOVE EXISTING METAL CCTV POLE AND FOUNDATION
61. REMOVE EXISTING CCTV CAMERA ASSEMBLY
62. NEW CABINET ENTRANCE INTO NEW FOUNDATION
63. DRILL/CORE DRILL EXISTING FOUNDATION
64. INTERCEPT AND REROUTE EXISTING CONDUITS
65. BOND MESSENGER TO POLE GROUND
66. BOND RISER TO POLE GROUND
67. BOND TRACER WIRE TO EQUIPMENT GROUND BUS
68. BOND TRACER WIRE TO POLE GROUND
69. INSTALL NEW ETHERNET CORE SWITCH IN COMMUNICATIONS RACK
70. INSTALL CCTV METAL POLE AND FOUNDATION
71. RELOCATE FO TRANSCEIVER
72. INSTALL FO TRANSCEIVER
73. INSTALL DIGITIAL VIDEO DECODER IN COMMUNICATIONS RACK
74. INSTALL CARD CAGE IN COMMUNICATIONS RACK
75. RELOCATE RADIO

LEGEND

PROPOSED		EXISTING
FO	OVERHEAD FIBER OPTIC CABLE	EXI
DD	DIRECTIONAL DRILLED CONDUIT	
	UNDERGROUND CONDUIT	
REM	OVERHEAD FIBER OPTIC CABLE REMOVAL	N/A
	WOOD POLE	
	METAL POLE	
	OVERSIZED /SPECIAL SIZED JUNCTION BOX	
	CCTV CAMERA ASSEMBLY	
	EQUIPMENT CABINET	
03–XXXX	SIGNAL INVENTORY NUMBER	03–XXXX
CCTV–X	CCTV CAMERA NUMBER	CCTV–X
S	AERIAL SPLICE ENCLOSURE	S
S	UNDERGROUND SPLICE ENCLOSURE	S
	CABLE STORAGE GUIDES (SNOW SHOES)	
	STANDARD GUY ASSEMBLY	
	SIDEWALK GUY ASSEMBLY	

CONSTRUCTION NOTE SYMBOLOGY KEY

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

NUMBER OF CABLE(S) — X — XX — NUMBER OF FIBERS /TWISTED PAIRS

NUMBER OF RISER(S)/CONDUIT(S) — X — XX — DIAMETER OF RISER(S)/CONDUIT(S) (in)

ATTACHMENT POINT:

- XXX / YYY — DISTANCE ABOVE (IN) REFERENCE POINT
- YYY / XXX — REFERENCE POINT DISTANCE BELOW (IN)

ATKINS
5600 SEVENTY-SEVEN CENTER DRIVE, SUITE 340
CHARLOTTE, NORTH CAROLINA 28217
704-522-7275 NCBEES #F-0326

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of:
750 Greenfield Parkway, Garner, NC 27529

SR 1409 (Military Cutoff Road)

Construction Notes and Legend

Division 3 New Hanover County Wilmington

PLAN DATE:	May 2017	REVIEWED BY:	HA Badgett
PREPARED BY:	JA Wiles	REVIEWED BY:	BJ Slocum

REVISIONS	INIT.	DATE

NTS

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 019962 ENGINEER HENRY ALFRED BADGETT III
DocuSigned by: Henry Alfred Badgett III 6/6/2017
DATE

CADD Filename: SCP 06.dgn

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