



- NOTES:**
- UNLESS OTHERWISE NOTED:
 - OVERLASH NEW FIBER OPTIC CABLE TO EXISTING COMMUNICATIONS CABLE.
 - ATTACH NEW MESSENGER CABLE 40" BELOW POWER.
 - ATTACH ON FRONT SIDE (FS) OF POLE.
 - SEAL ALL CONDUIT ENDS WITH DUCT AND CONDUIT SEALER, AT ALL JUNCTION BOX / CABINET ENTRANCES.

1	INSTALL COMPOSITE CCTV CABLE	13	INSTALL HEAT SHRINK TUBING RETROFIT KIT	25	INSTALL NEW RISER INTO POLE MOUNTED CABINET	37	INSTALL CCTV WOOD POLE
2	INSTALL LOW VOLTAGE POWER CABLE (24VAC)	14	INSTALL HIGH DENSITY POLYETHYLENE CONDUIT	26	INSTALL DIGITAL VIDEO ENCODER	38	INSTALL STANDARD SIZE JUNCTION BOX
3	INSTALL CATEGORY 5E CABLE	15	DIRECTIONAL DRILL CONDUIT	27	INSTALL NEW ETHERNET EDGE SWITCH IN CABINET	39	INSTALL SPECIAL-SIZED JUNCTION BOX
4	INSTALL SMFO CABLE	16	BORE AND JACK CONDUIT	28	INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPLICE CABLE IN CABINET	40	INSTALL OVER-SIZED JUNCTION BOX
5	NOT USED	17	INSTALL CABLE(S) IN EXISTING CONDUIT	29	INSTALL UNDERGROUND SPLICE ENCLOSURE	41	REMOVE EXISTING JUNCTION BOX
6	INSTALL FIBER-OPTIC DROP CABLE	18	INSTALL CABLE(S) IN NEW CONDUIT	30	INSTALL AERIAL SPLICE ENCLOSURE	42	INSTALL WOOD POLE
7	INSTALL TRACER WIRE	19	INSTALL CABLE(S) IN EXISTING RISER(S)	31	INSTALL SPLICE CABINET	43	REMOVE EXISTING WOOD POLE
8	INSTALL CONDUIT UNDERGROUND	20	INSTALL CABLE(S) IN NEW RISER(S)	32	MODIFY EXISTING SPLICE ENCLOSURE OR INTERCONNECT CENTER	44	INSTALL AERIAL GUY ASSEMBLY
9	INSTALL PVC CONDUIT	21	INSTALL CABLE(S) IN EXISTING CABINET ENTRANCE	33	REMOVE EXISTING SPLICE /HUB /CCTV CABINET	45	INSTALL STANDARD GUY ASSEMBLY
10	INSTALL RIGID, GALVANIZED STEEL CONDUIT	22	INSTALL NEW CONDUIT INTO CABINET BASE (USE EX CABINET ENTRANCE WHEN AVAILABLE)	34	INSTALL CABINET FOUNDATION	46	INSTALL SIDEWALK GUY ASSEMBLY
11	INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD	23	INSTALL NEW RISER INTO CABINET BASE (USE EX CABINET ENTRANCE WHEN AVAILABLE)	35	REMOVE EXISTING CABINET FOUNDATION	47	INSTALL MESSENGER CABLE
12	INSTALL RIGID, GALVANIZED STEEL RISER WITH HEAT SHRINK TUBING	24	INSTALL NEW CONDUIT INTO POLE MOUNTED CABINET	36	INSTALL CCTV CAMERA ASSEMBLY	48	REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE
				25	INSTALL NEW RISER INTO POLE MOUNTED CABINET	49	REMOVE EXISTING COMMUNICATIONS CABLE
				26	INSTALL DIGITAL VIDEO ENCODER	50	INSTALL WIRELESS DSL
				27	INSTALL NEW ETHERNET EDGE SWITCH IN CABINET	51	INSTALL CABLE STORAGE GUIDE(S) [SNOW SHOE(S)] AND STORE 100 FEET OF EACH CABLE
				28	INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPLICE CABLE IN CABINET	52	INSTALL DELINEATOR MARKER
				29	INSTALL UNDERGROUND SPLICE ENCLOSURE	53	STORE 50 FEET OF COMMUNICATIONS CABLE (EACH CABLE)
				30	INSTALL AERIAL SPLICE ENCLOSURE	54	LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE
				31	INSTALL SPLICE CABINET	55	LASH CABLE(S) TO EXISTING MESSENGER CABLE
				32	MODIFY EXISTING SPLICE ENCLOSURE OR INTERCONNECT CENTER	56	LASH CABLE(S) TO NEW MESSENGER CABLE
				33	REMOVE EXISTING SPLICE /HUB /CCTV CABINET	57	MODIFY EXISTING ELECTRICAL SERVICE FOR CCTV
				34	INSTALL CABINET FOUNDATION	58	INSTALL NEW ELECTRICAL SERVICE FOR CCTV
				35	REMOVE EXISTING CABINET FOUNDATION	59	INSTALL NEW POLE MOUNTED CCTV CABINET (336)
				36	INSTALL CCTV CAMERA ASSEMBLY	60	INSTALL NEW BUILDING MOUNTED CCTV CABINET (336)
				37	INSTALL CCTV WOOD POLE	61	REMOVE EXISTING CCTV CAMERA ASSEMBLY FOUNDATION
				38	INSTALL STANDARD SIZE JUNCTION BOX	62	NEW CABINET ENTRANCE INTO NEW FOUNDATION
				39	INSTALL SPECIAL-SIZED JUNCTION BOX	63	DRILL /CORE DRILL EXISTING FOUNDATION
				40	INSTALL OVER-SIZED JUNCTION BOX	64	INTERCEPT AND REROUTE EXISTING CONDUITS
				41	REMOVE EXISTING JUNCTION BOX	65	BOND MESSENGER TO POLE GROUND
				42	INSTALL WOOD POLE	66	BOND RISER TO POLE GROUND
				43	REMOVE EXISTING WOOD POLE	67	BOND TRACER WIRE TO EQUIPMENT GROUND BUS
				44	INSTALL AERIAL GUY ASSEMBLY	68	INSTALL NEW COVER ON OVER-SIZED JUNCTION BOX
				45	INSTALL STANDARD GUY ASSEMBLY	69	INSTALL NEW BASE MOUNTED CCTV CABINET (336-A)
				46	INSTALL SIDEWALK GUY ASSEMBLY	70	INSTALL NEW POLE MOUNTED CCTV CABINET (NEMA TYPE 4)
				47	INSTALL MESSENGER CABLE	71	HANDLASH AND INSTALL AERIAL CABLE PROTECTOR
				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	INSTALL NEW BUILDING MOUNTED CCTV CABINET (336)		
				61	REMOVE EXISTING CCTV CAMERA ASSEMBLY FOUNDATION		
				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	INSTALL NEW COVER ON OVER-SIZED JUNCTION BOX		
				69	INSTALL NEW BASE MOUNTED CCTV CABINET (336-A)		
				70	INSTALL NEW POLE MOUNTED CCTV CABINET (NEMA TYPE 4)		
				71	HANDLASH AND INSTALL AERIAL CABLE PROTECTOR		

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEEES #F-0326

High Point Signal System
Cable Routing Plans

Division 7 Guilford County High Point

PLAN DATE: June 2015 REVIEWED BY: MB Toth
PREPARED BY: JA Wiles REVIEWED BY: LM Moon

750 Greenfield Parkway, Garner, NC 27529

SCALE: 1"=50'

0 50

REVISIONS: INIT. DATE

DocuSigned by: Melissa B. Toth 6/5/2015
DATE: CADW File name: CL-323.dgn

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 025892 MELISSA B. TOTH

05-JUN-2015 11:03
D:\projects\atkins\proj\off\c\curr\100037777 - High Point Sig_Sys\ACL\CL-323.dgn
WILE2054 AT DUS290140