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| <ul style="list-style-type: none"> ▲ INSTALL REA PE - 22, SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE ▲ INSTALL REA PE - 38, (FIGURE - 8) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE ▲ INSTALL REA PE - 39, (UNDERGROUND) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE ▲ INSTALL SMFO CABLE ▲ INSTALL GASTONIA ELECTRIC CABLE ▲ INSTALL MMFO CABLE ▲ INSTALL FIBER OPTIC DROP CABLE ▲ INSTALL TRACER WIRE ⑨ TRENCH ⑩ INSTALL PVC CONDUIT ⑪ INSTALL RIGID, GALVANIZED STEEL CONDUIT ⑫ INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD ⑬ INSTALL RIGID, GALVANIZED STEEL RISER WITH HEAT SHRINK TUBING ⑭ INSTALL OUTER-DUCT POLYETHYLENE CONDUIT ⑮ INSTALL POLYETHYLENE CONDUIT ⑯ DIRECTIONAL DRILL CONDUIT ⑰ BORE AND JACK CONDUIT | <ul style="list-style-type: none"> 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 STUBOUTS 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 TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET ㉗ INSTALL NEW TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER 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 POLE MOUNTED SPlice CABINET ㉜ INSTALL BASE MOUNTED SPlice CABINET ㉝ REMOVE EXISTING SPlice CABINET | <ul style="list-style-type: none"> 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 ㊵ INSTALL OVERSIZED JUNCTION BOX ㊶ REMOVE EXISTING JUNCTION BOX ㊷ INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET ㊸ INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET ㊹ REMOVE EXISTING WOOD POLE ㊺ REMOVE EXISTING WOOD POLE ㊻ INSTALL AERIAL GUY ASSEMBLY ㊼ INSTALL STANDARD GUY ASSEMBLY ㊽ INSTALL SIDEWALK GUY ASSEMBLY ㊾ INSTALL MESSENGER CABLE ㊿ REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE 100 REMOVE EXISTING COMMUNICATIONS CABLE 101 INSTALL TELEPHONE SERVICE 102 INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF SIGNAL SYSTEM CABLE | <ul style="list-style-type: none"> 103 INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 500 FEET OF GASTONIA ELECTRIC CABLE 104 INSTALL FIBER OPTIC DELINEATOR MARKER 105 STORE 20 FEET OF COMMUNICATIONS CABLE 106 LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE 107 LASH CABLE(S) TO EXISTING MESSENGER CABLE 108 LASH CABLE(S) TO NEW MESSENGER CABLE 109 MODIFY EXISTING ELECTRICAL SERVICE 110 INSTALL NEW ELECTRICAL SERVICE 111 INSTALL VIDEO OPTIC TRANSMITTER WITH DATA 112 INSTALL FIBER OPTIC TRANSCIVER 113 REMOVE EXISTING CONTROLLER AND CABINET 114 INSTALL NEW CONTROLLER 115 INSTALL SPECIAL JUNCTION BOX 116 INSTALL SYSTEM LOOP 117 INSTALL SYSTEM LOOP AMPLIFIER 118 INSTALL SYSTEM LOOP LEAD-IN CABLE 119 MODIFY EXISTING CABINET FOUNDATION | <ul style="list-style-type: none"> 120 INSTALL UNI-DIRECTIONAL YAGI ANTENNA 121 INSTALL OMNI-DIRECTIONAL ANTENNA 122 INSTALL RADIO TRANSCIVER 123 REPLACE EXISTING WEATHERHEAD WITH HEAT SHRINK TUBING 124 INSTALL NEW 332 BASE MOUNTED CABINET 125 INSTALL NEW 336S POLE MOUNTED CABINET 126 INSTALL TERMINAL SPlice BOX 127 INSTALL GASTONIA ELECTRIC AERIAL SPlice ENCLOSURE 128 INSTALL GASTONIA ELECTRIC UNDERGROUND SPlice ENCLOSURE |
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ALL NCDOT ATTACHMENT POINTS ARE 40" BELOW POWER, FRONT SIDE OF POLE, UNLESS OTHERWISE NOTED.

PLANS PREPARED IN THE OFFICE OF:

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CITY OF GASTONIA COMPUTERIZED SIGNAL SYSTEM UPGRADE CABLE ROUTING PLANS

DIVISION 12 GASTON COUNTY

PLAN DATE: MAY 26, 2005 REVIEWED BY: I.Z. VANOSDELL

PREPARED BY: J.C. CROSS REVIEWED BY: M.W. DUNZO

REVISIONS	INIT.	DATE

SEAL

MARK DUNZO
 ENGINEER
 5/27/05
 DATE

CADD File Name: ...shf101.dgn

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