

CONDUIT DETAILS

NOT TO SCALE



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

CONDUIT PLANS

PROJECT REFERENCE NO. U-5839	SHEET NO. UC-3J
DESIGNED BY: JKC	
DRAWN BY: JKC	
CHECKED BY: CLS	
APPROVED BY: CDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION 3/9/2023 UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151 UTILITY CONSTRUCTION PLANS ONLY	

NOTES TO THE CONTRACTOR:

UTILITY CONSTRUCTION

1. THE CONTRACTOR SHALL ONLY SUPPLY AND INSTALL THE PROPOSED PVC CONDUIT, FITTINGS AND PULL STRINGS AS SHOWN IN THE PLANS. THE CABLES, PEDESTALS, PULL BOXES, HANDHOLES, TRANSFORMERS, SWITCHGEARS, LIGHT POLES AND JUNCTION BOXES WILL BE INSTALLED BY OTHERS.
2. THE CONTRACTOR WILL BE RESPONSIBLE TO DETERMINE THE DEPTH OF THE CONDUITS TO AVOID CONFLICTS WITH THE PROPOSED GAS, WATER, SEWER, DRAINAGE AND ROADWAY UNDERCUT.
3. A ELECTRICAL STRING SHALL BE INSTALLED IN EACH CONDUIT. THE ELECTRICAL STRING SHALL BE CONTINUOUS FOR THE LENGTH OF EACH CONDUIT. EXTEND THE ELECTRICAL STRING 3 FEET BEYOND THE ENDS OF EACH CONDUIT. THE ELECTRICAL STRING WILL BE USED TO PULL IN POLYESTER WOVEN MULE TAPE.

ITEMS TO BE INSTALLED BY OTHERS

COMMUNICATION

- SPECTRUM HAND HOLE BOX - (SPEC HH)
- AT&T HAND HOLE BOX - (ATT HH)
- AT&T PEDESTAL - (ATT PED)
- SPECTRUM PEDESTAL - (SPEC PED)
- AT&T PULL BOX - (ATT PB)
- SPECTRUM PULL BOX - (SPEC PB)
- SIGNAL PULL BOX - (SIGNAL PB)

POWER

- TOWN OF WAYNESVILLE POWER TRANSFORMER - (TOW PT)
- TOWN OF WAYNESVILLE PRIMARY SWITCHGEAR - (TOW PSG)
- TOWN OF WAYNESVILLE LIGHT POLE - (LT POLE)
- TOWN OF WAYNESVILLE POWER JUNCTION BOX - (TOW PJB)

CONDUIT DETAILS

THE CONTRACTOR SHALL DEVELOP A METHOD TO MARK THE OWNER OF EACH CONDUIT. THIS CAN BE DONE WITH SPRAY PAINT AND PERMANENT MAKERS (UV LIGHT AND WEATHER RESISTANT).

WHERE THE CONDUITS ARE TERMINATED AND PLUGGED ABOVE GRADE, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND UTILITY COMPANIES THE NUMBER OF JOINTS/FITTINGS PRIOR TO THE PLUG NOT GLUED FOR FUTURE MUNIPULATION.

RIGID PVC CONDUIT, SCH. 40, (HEAVY WALL)

- 2" PVC WALL THICKNESS = 0.154"
- 4" PVC WALL THICKNESS = 0.237"
- 6" PVC WALL THICKNESS = 0.280"

CONDUIT COLORS

TOWN OF WAYNESVILLE (POWER) -	GRAY
AT&T (COMMUNICATIONS) -	WHITE
SPECTRUM (COMMUNICATIONS) -	WHITE
NCDOT SIGNALS (COMMUNICATIONS) -	WHITE

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