

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

UTILITIES PLAN SHEET SYMBOLS

PROPOSED WATER SYMBOLS

Water Line (Sized as Shown)	_____
11\+00BC Degree Bend	_____++
22\+00BD Degree Bend	_____+X
45 Degree Bend	_____+X
90 Degree Bend	_____+†
Plug	_____⊥
Tee	_____+†
Cross	_____+†
Reducer	_____▶
Gate Valve	_____GV
Butterfly Valve	_____BV
Tapping Valve	_____TGV
Line Stop	_____LS
Line Stop with Bypass	_____LS/BP
Blow Off	_____BO
Fire Hydrant	_____PFH
Relocate Fire Hydrant	_____RFH
Remove Fire Hydrant	_____REM FH
Water Meter	_____PWM
Relocate Water Meter	_____RWM
Remove Water Meter	_____REM WM
Water Pump Station	_____PS(W)
RPZ Backflow Preventer	_____RPZ
DCV Backflow Preventer	_____DBP
Relocate RPZ Backflow Preventer	_____RRPZ
Relocate DCV Backflow Preventer	_____RDBP

PROPOSED SEWER SYMBOLS

Gravity Sewer Line (Sized as Shown)	_____
Force Main Sewer Line (Sized as Shown)	_____
Manhole (Sized per Note)	_____o
Sewer Pump Station	_____PS(SS)

PROPOSED MISCELLANEOUS UTILITIES SYMBOLS

Power Pole	_____o
Telephone Pole	_____o
Joint Use Pole	_____o
Telephone Pedestal	_____TPD
Utility Line by Others (Type as Shown)	_____
Trenchless Installation	_____
Encasement by Open Cut	_____
Encasement	_____

Thrust Block	_____□
Air Release Valve	_____AR
Utility Vault	_____UV
Concrete Pier	_____CP
Steel Pier	_____SP
Plan Note	_____
Pay Item Note	_____

NOTE
PAY ITEM

EXISTING UTILITIES SYMBOLS

Power Pole	_____o
Telephone Pole	_____o
Joint Use Pole	_____o
Utility Pole	_____o
Utility Pole with Base	_____□
H-Frame Pole	_____o-o
Power Transmission Line Tower	_____┆
Water Manhole	_____o
Power Manhole	_____o
Telephone Manhole	_____o
Sanitary Sewer Manhole	_____o
Hand Hole for Cable	_____□
Power Transformer	_____□
Telephone Pedestal	_____□
CATV Pedestal	_____□
Gas Valve	_____◇
Gas Meter	_____◇
Located Miscellaneous Utility Object	_____o
Abandoned According to Utility Records	_____AATUR
End of Information	_____E.O.I.

*Underground Power Line	_____
*Underground Telephone Cable	_____
*Underground Telephone Conduit	_____
*Underground Fiber Optics Telephone Cable	_____
*Underground TV Cable	_____
*Underground Fiber Optics TV Cable	_____
*Underground Gas Pipeline	_____
Aboveground Gas Pipeline	_____A/G Gas
*Underground Water Line	_____
Aboveground Water Line	_____A/G Water
*Underground Gravity Sanitary Sewer Line	_____
Aboveground Gravity Sanitary Sewer Line	_____A/G Sanitary Sewer
*Underground SS Forced Main Line	_____
Underground Unknown Utility Line	_____
SUE Test Hole	_____⊗
Water Meter	_____o
Water Valve	_____⊗
Fire Hydrant	_____◇
Sanitary Sewer Cleanout	_____⊗

*For Existing Utilities
Utility Line Drawn from Record (Type as Shown)
Designated Utility Line (Type as Shown)