

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

UTILITIES PLAN SHEET SYMBOLS

PROJECT REFERENCE NO. U-4424	SHEET NO. UC-3
RW SHEET NO.	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PROPOSED WATER SYMBOLS

Water Line (Sized as Shown)	..... 12" WL
11¼ Degree Bend ++
22½ Degree Bend	..... +x
45 Degree Bend	..... +X
90 Degree Bend +
Plug	..... [Symbol]
Tee	..... [Symbol]
Cross	..... [Symbol]
Reducer	..... [Symbol]
Air Release Valve	..... ARV
Gate Valve	..... GV
Butterfly Valve	..... BV
Tapping Valve	..... TGV
Pressure Reducing Valve	..... PRV
Line Stop	..... LS
Line Stop with Bypass	..... LS/BP
Blow Off	..... BO
Fire Hydrant	..... PH
Relocate Fire Hydrant	..... [Symbol]
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	..... PRPZ
DCV Backflow Preventer	..... PBFP
Relocate RPZ Backflow Preventer	..... [Symbol]
Relocate DCV Backflow Preventer	..... [Symbol]
Remove Backflow Preventer	..... [Symbol]

PROPOSED SEWER SYMBOLS

Gravity Sewer Line (Sized as Shown)	..... 12" SS
Force Main Sewer Line (Sized as Shown)	..... 12" FSS
Manhole (Sized per Note) •
Sewer Lateral and Cleanout (Sized per Note)	..... SSCO

PROPOSED MISCELLANEOUS UTILITIES SYMBOLS

Thrust Block	..... [Symbol]
Plan Note	..... [Symbol] NOTE
Encasement	..... [Symbol] 24" ENCASMENT
To Be Abandoned	..... (TBA)

EXISTING UTILITIES SYMBOLS

Guy Wire To Be Removed	..... [Symbol]	Abandoned According to Utility Records	..... AATUR
Power Pole	..... [Symbol]	End of Information	..... E.O.I.
Power Pole To Be Removed	..... [Symbol]	*Underground Power Line	..... P
Telephone Pole	..... [Symbol]	*Underground Telephone Cable	..... T
Telephone Pole To Be Removed	..... [Symbol]	*Underground Telephone Conduit	..... TC
Joint Use Pole	..... [Symbol]	*Underground Fiber Optics Telephone Cable	..... T FO
Joint Use Pole To Be Removed	..... [Symbol]	*Underground TV Cable	..... TV
Utility Pole	..... [Symbol]	*Underground Fiber Optics TV Cable	..... TV FC
Utility Pole To Be Removed	..... [Symbol]	*Underground Gas Pipeline	..... G
Structural Utility Pole	..... [Symbol]	Aboveground Gas Pipeline	..... A/G Gas
Utility Pole with Base	..... [Symbol]	*Underground Water Line	..... W
H-Frame Pole	..... [Symbol]	Aboveground Water Line	..... A/G Water
Power Transmission Line Tower	..... [Symbol]	*Underground Gravity Sanitary Sewer Line	..... SS
Water Manhole	..... [Symbol]	Aboveground Gravity Sanitary Sewer Line	..... A/G Sanitary Sewer
Power Manhole	..... [Symbol]	*Underground SS Forced Main Line	..... FSS
Telephone Manhole	..... [Symbol]	Underground Unknown Utility Line	..... ?UTL
Sanitary Sewer Manhole	..... [Symbol]	SUE Test Hole	..... [Symbol]
Hand Hole for Cable	..... [Symbol]	Water Meter	..... [Symbol]
Power Transformer	..... [Symbol]	Water Valve	..... [Symbol]
Telephone Pedestal	..... [Symbol]	Fire Hydrant	..... [Symbol]
CATV Pedestal	..... [Symbol]	Sanitary Sewer Cleanout	..... [Symbol]
Gas Valve	..... [Symbol]		
Gas Meter	..... [Symbol]		
Located Miscellaneous Utility Object	..... [Symbol]		

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