STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

UTILITIES PLAN SHEET SYMBOLS

PROPOSED WATER SYMBOLS

PROPOSED MISCELLANOUS UTILITIES SYMBOLS

Water Line (Sized as Shown)	12 WL
111⁄4 Degree Bend	+
22½ Degree Bend	+
45 Degree Bend	+×
90 Degree Bend	±
Plug ····	·····•••••••••••••••••••••••••••••••••
Tee	ф
Cross ·····	············· ‡
Reducer	·····•
Gate Valve	GV
Butterfly Valve	BV
Tapping Valve	
Line Stop	Ls
Line Stop with Bypass	LS/BP
Blow Off	BO
Fire Hydrant	PFH •
Relocate Fire Hydrant	REH
Remove Fire Hydrant	REM FH
Water Meter	PWM ●
Relocate Water Meter	RWM
Remove Water Meter	REM WM
Water Pump Station	
RPZ Backflow Preventer	·····PRPZ
DCV Backflow Preventer	PBFP
Relocate RPZ Backflow Preventer	RRPZ
Relocate DCV Backflow Preventer	RBFP
PROPOSED SE	EWER SYMBO
Gravity Sewer Line	12″ SS
(Sized as Shown) Force Main Sewer Line	
(Sized as Snown)	
Manhole (Sized per Note)	_

• •	(O) OCED MICOLEE	WIGGO GITETITES GIMB	020
Power Pole ·····	Ь	Thrust Block ·····	
Telephone Pole	··········· -o-	Air Release Valve ·····	AR
Joint Use Pole	- - -	Utility Vault	UV
Telephone Pedestal	TEL PED	Concrete Pier	CP.
Utility Line by Others (Type as Shown)	PROP O/H POW LINES	Steel Pier ·····	SP
Trenchless Installation	12" TL INSTALL	Plan Note ·····	
Encasement by Open Cut	24" ENCAS BY OC	Pay Item Note	
Encasement	24" ENCASEMENT		PAY ITEM
	EXISTING U	TILITIES SYMBOLS	
Power Pole ·····		*Underground Power Line	

Power Pole ·····	•
Telephone Pole	-
Joint Use Pole	—
Utility Pole	•
Utility Pole with Base	•
H-Frame Pole	••
Power Transmission Line Tower	
Water Manhole	•
Power Manhole	②
Telephone Manhole	0
Sanitary Sewer Manhole	•
Hand Hole for Cable	버니
Power Transformer	otag
Telephone Pedestal	Ŧ
CATV Pedestal	C
Gas Valve	\Diamond
Gas Meter	\odot
Located Miscellaneous Utility Object	0
Abandoned According to Utility Records	AATU
End of Information	E.O.I.

*Underground Power Line	
*Underground Telephone Cable ·····	T
*Underground Telephone Conduit ······	тс
*Underground Fiber Optics Telephone Cable	Т F0
*Underground TV Cable ······	TV
*Underground Fiber Optics TV Cable ······	
*Underground Gas Pipeline ·····	G
Aboveground Gas Pipeline	A/G Gas
*Underground Water Line	w
Aboveground Water Line	A/G Water
*Underground Gravity Sanitary Sewer Line	SS
Aboveground Gravity Sanitary Sewer Line	A/G Sanitary Sewer
*Underground SS Forced Main Line	FSS
Underground Unknown Utility Line	?UTL
SUE Test Hole	•
Water Meter	\odot
Water Valve ·····	⊕
Fire Hydrant ·····	•\$
Sanitary Sewer Cleanout	\oplus

*For Existing Utiliti	ies	
Utility Line Drawn f (Type as Shown)	from Record	
Designated Utility L (Type as Shown)	_ine	— ?UTL— — -