PROPOSED WATER SYMBOLS

Water Line (Sized as Shown)	— 12″ WL —
11 ¹ ⁄4 Degree Bend	
221⁄2 Degree Bend +++	
45 Degree Bend +×	
90 Degree Bend $+^{\pm}$	
Plug	
Tee	
Cross +++++	
Reducer	
Gate Valve	
Butterfly Valve	
Tapping Valve	
Line Stop	
Line Stop with Bypass	
Blow Off	
Fire Hydrant 🔤	
Relocate Fire Hydrant	
Remove Fire Hydrant REM FH	
Water Meter	
Relocate Water Meter	
Remove Water Meter	
Water Pump Station	
RPZ Backflow Preventer	
DCV Backflow Preventer	
Relocate RPZ Backflow Preventer 🔤	
Relocate DCV Backflow Preventer	

PROPOSED SEWER SYMBOLS

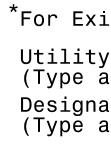
Gravity Sewer Line (Sized as Shown)	— 12" SS———
Force Main Sewer Line (Sized as Shown)	— 12" FSS———
Manhole (Sized per Note)	
Sewer Pump Station	

REV: 2/1/2012

UTILI _____

			PROJECT REFERENCE NO. SHEET
STATE OF NOI	RTH CAROLIN		U-5748 UC-
DIVISION O	F HIGHWAYS		
TIES PLAN	CHEET CV	MRAT C	
IICS I LAN	SILLI SI	VIDULS	
	PROPOSED MISCELL	ANOUS UTILITIES SYMBOLS	
Power Pole	Р	Thrust Block	
Telephone Pole	-0-	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		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	P
Telephone Pole	·····	*Underground Telephone Cable	T
Joint Use Pole	·····	*Underground Telephone Conduit	TC
Utility Pole	••••••	[*] Underground Fiber Optics Telephone Cable	T F0
Utility Pole with Base		*Underground TV Cable	TV
H-Frame Pole	•••••	*Underground Fiber Optics TV Cable	
Power Transmission Line Tower		*Underground Gas Pipeline	G
Water Manhole	\cdots	Aboveground Gas Pipeline	A/G Gas
Power Manhole	····· (P)	*Underground Water Line	
Telephone Manhole	····· ①	Aboveground Water Line	A/G Water
Sanitary Sewer Manhole	····· · · · · · · · · · · · · · · · ·	*Underground Gravity Sanitary Sewer Line	SS
Hand Hole for Cable	Рн	Aboveground Gravity Sanitary Sewer Line	A/G Sanitary Sewer
Power Transformer	\cdots	*Underground SS Forced Main Line	——————————————————————————————————————
Telephone Pedestal	·····	Underground Unknown Utility Line	?!!T!

Devision of Highways States Place of Networks Devision of Highways Devision Highways Devision Highways	STATE OF NORTH	ICAR	DLINA	PROJECT REFERENCE NO. U-5748	SHEET UC-
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Propriese Different Diffe	TIES PLAN SI	HEET	SYMBOLS		
Poor Pole 6 Thrust Block I Telephone Pole Air Release Valve Vitality Vality Joint Use Pole Concrete Pler Vitality Vality Telephone Pedestal Vot Soncrete Pler Vitality Vality Telephone Pedestal Vot Soncrete Pler Vitality Vality Tenechless Italiation Vot Plan Note NOTE Encesseent States You Pay Item Note NOTE Inderground Flate States You Pay Item Note Pay Item Note Voter Vanhole States You Vinderground Flate Oticis Telephone Cable States You Vinderground Flate Oticis Telephone Cable State States You State Vinderground Flate Oticis Telephone Cable State State State Noter W					
Power Pole ⁰ ¹	PROP	OSED MT	CELLANOUS UTTLITTES SYMBOLS		
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Utility Line by Others Decide Millice Steel Pier Image: Comparison of the status				CP	
(Type as shoun) IP 'T. BINGL Plan Note NOTE Encasseent by Open Cut Set FDA FY GE Pay Item Note PAY ITEM Encasseent Set FDA FY GE Pay Item Note PAY ITEM Encasseent Set FDA FY GE "Underground Power Line Image: Power Pole Telephone Pole Stateseer "Underground Telephone Colle Image: Power Pole Joint Use Pole Stateseer "Underground Telephone Colle Image: Power Pole Joint Use Pole Stateseer "Underground Felephone Colle Image: Power Pole Utility Pole Stateseer "Underground Fiber Optics Telephone Colle Image: Power Pole H-Frare Pole Stateseer "Underground Gas Pipeline Image: Power Pole Image: Power Pole Water Manhole Stateseer Stateseer "Underground Gas Pipeline Image: Power Pole Vorderground Gas Pipeline Image: Power Pole Stateseer Image: Power Pole Image: Power Pole Vorderground Matter Line Stateseer Stateseer Image: Power Pole Image: Power Pole Vorderground Gas Pipeline Image: Power Pole Stateseer Image: Power Pole Image: Power Pole	Utility Line by Others			SP	
Encasement Pay Item Note NOTE Encasement Pay Item Note PAY ITEM Power Pole • ************************************	(Type as shown)			····· ~	
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Power Pale 'Underground Power Line '' Telephone Pole 'Underground Telephone Cable '' Joint Use Pole 'Underground Telephone Conduit '' Utility Pole 'Underground Telephone Conduit '' Utility Pole 'Underground Telephone Conduit '' H-Frame Pole 'Underground Telephone Conduit '' Power Transmission Line Tower '' ''Underground Gas Pipeline '' Power Manhole ? ''Underground Gas Pipeline ' ' Power Manhole ? ''Underground Gas Pipeline ' ' Felephone Manhole ? ''Underground Gravity Sanitary Sewer Line ' '' Hand Hole for Cable '' ''Underground SS Forced Main Line '' '' '' Power Transformer ! ''Underground SS Forced Main Line '' '' '' '' '' CATV Pedestal ! ! ! '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' '' ''					
Utility Pole • *Underground Fiber Optics Telephone Cable r re Utility Pole with Base • *Underground TV Cable * H-Frame Pole • *Underground Fiber Optics TV Cable * * Power Transmission Line Tower Z *Underground Gas Pipeline • • Power Transmission Line Tower Z *Underground Gas Pipeline • • Power Manhole 2 *Underground Water Line • • • Power Manhole 0 *Underground Gravity Sanitary Sewer Line • • • Sanitary Sewer Manhole 2 *Underground Gravity Sanitary Sewer Line • • • Power Transformer # Aboveground Gravity Sanitary Sewer Line • • • • Power Transformer # Underground Unknown Utility Line •	Telephone Pole	··· _ —	*Underground Telephone Cable	···· T	
Telephone Pole • "Underground Telephone Cable - Joint Use Pole • "Underground Telephone Cable - Utility Pole • "Underground Telephone Cable - Utility Pole • "Underground Telephone Cable - Utility Pole • "Underground Fiber Optics Telephone Cable - Utility Pole • • "Underground TV Cable - Power Transmission Line Tower \box "Underground Gas Pipeline - - Power Transmission Line Tower \box "Underground Gas Pipeline - - - Water Manhole @ * "Underground Water Line -<	Power Polo			P	
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Utility Pole with Base Image: State of the state o	Joint Use Pole	··· _ _	*Underground Telephone Conduit	TC	
H-Frame Pole * Underground Fiber Optics TV Cable Tv F0 * Underground Gas Pipeline * Underground Gas Pipeline * Underground Gas Pipeline * Underground Gas Pipeline * Underground Water Line * Underground Water Line * Underground Water Line * * Underground Water Line * * * * * * * * * * * * * * * * * * *	Utility Pole	•••			
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Power Manhole ? *Underground Water Line ? Telephone Manhole ? Aboveground Water Line	Power Transmission Line Tower		*Underground Gas Pipeline	···· G	
Telephone Manhole Aboveground Water Line Act Keter Sanitary Sewer Manhole * Underground Gravity Sanitary Sewer Line Ss Hand Hole for Cable Aboveground Gravity Sanitary Sewer Line Act Senitary Sewer Power Transformer Image: Caster Cas	Water Manhole	··· (W)	Aboveground Gas Pipeline	A/G Gas	
Aboveground Water Line Sanitary Sewer Manhole Winderground Gravity Sanitary Sewer Line Water Valve Power Transformer Image: Sever Main Line Power Transformer Image: Sever Main Line Image: Sever Main	Power Manhole	··· (P)	*Underground Water Line	····· W	
Hand Hole for Cable Aboveground Gravity Sanitary Sewer Line Power Transformer Image: Second Gravity Sanitary Sewer Line Power Transformer Image: Second Gravity Sanitary Sewer Line Telephone Pedestal Image: Second Gravity Sanitary Sewer Line CATV Pedestal Image: Second Gravity Second Gravit	Telephone Manhole	··· ①	Aboveground Water Line	A/G Water	
Power Transformer Image: Second	Sanitary Sewer Manhole	••• •	[*] Underground Gravity Sanitary Sewer Lin	e	
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CATV PedestalImage: SUE Test HoleImage:	Power Transformer	🕅	*Underground SS Forced Main Line	FSS	
Gas Valve	Telephone Pedestal	[]	Underground Unknown Utility Line	?UTL	
Gas Meter	CATV Pedestal	C	SUE Test Hole	····· \$	
Located Miscellaneous Utility Object \circ	Gas Valve	♦	Water Meter	···· 0	
	Gas Meter	♦	Water Valve	···· ⊗	
Abandoned According to Utility Records ··· AATUR Sanitary Sewer Cleanout ····································	Located Miscellaneous Utility Object	··· · · · · · · · · · · · · · · · · ·	Fire Hydrant	«Ç	
	Abandoned According to Utility Records	AATUR	Sanitary Sewer Cleanout	···· ()	



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