PROPOSED WATER SYMBOLS Atter Line (Sized as Shown) 14 Degree Bend The stop with Bypass				
ater Line (Sized as Shown) 14 Degree Bend 212 Degree Bend 5 Degree Bend 4 Degree Bend 5 Degree Bend 4 Degree Bend 5 Degree Bend 6 Degree Bend 7 Degree Bend 7 Degree Bend 7 Degree Bend				
ater Line (Sized as Shown) 14 Degree Bend 212 Degree Bend 5 Degree Bend 4 Degree Bend 5 Degree Bend 4 Degree Bend 5 Degree Bend 6 Degree Bend 7 Degree Bend 7 Degree Bend 7 Degree Bend				
ater Line (Sized as Shown) 14 Degree Bend 212 Degree Bend 5 Degree Bend 4 Degree Bend 5 Degree Bend 4 Degree Bend 5 Degree Bend 6 Degree Bend 7 Degree Bend 7 Degree Bend 7 Degree Bend				
14 Degree Bend 21/2 Degree Bend 5 Degree Bend 4 Degree Bend 4 Degree Bend 1 Degree Bend 1 Degree Bend 1 Degree B		PROPOSED	WATER	SYMBOLS
21/2 Degree Bend 5 Degree Bend 0 Degree Bend ++ .ug + .ug - .ug - .ug - .ug - .ug - .ug .ug <td< td=""><td>Water Line</td><td>(Sized as Shown) -</td><td></td><td>12″ WL</td></td<>	Water Line	(Sized as Shown) -		12″ WL
5 Degree Bend +* 0 Degree Bend +* .ug * .ee +* ross ** educer * ate Valve ** ate Valve ** aterfly Valve ** .ne Stop .ne Stop with Bypass	11 ¹ ⁄4 Degree	e Bend		+-+
D Degree Bend	22½ Degree	e Bend		+*
ug	45 Degree E	Bend		+-×
ee for the value	90 Degree E	Bend		+ [±]
ross ↓↓ educer ↓ ate Valve ↓↓ utterfly Valve ↓↓ apping Valve ↓↓ .ne Stop ↓↓ Bypass ↓↓ ↓	Plug			•
educer fly Valve fly Valve for the Stop with Bypass for the Stop for t	ee			+ + +
ate Valve Stop with Bypass	Cross			+ ‡+
Ate Valve Interfly Va	Reducer			►
apping Valve	Gate Valve			GV
apping Valve K Lne Stop Ls Lne Stop with Bypass	Butterfly \	/alve		BV
ne Stop with Bypass	Tapping Val	Lve		TGV
ne Stop with Bypass	ine Stop			LS
ow Off	_ine Stop v	vith Bypass		LS/BP
	Blow Off			BO

Tee
Cross+‡+
Reducer
Gate Valve
Butterfly Valve 🔤
Tapping Valve
Line Stop I
Line Stop with Bypass
Blow Off
Fire Hydrant
Relocate Fire Hydrant
Remove Fire Hydrant
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 StationPS(SS)	

REV: 2/1/2012

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			PROJECT REFERENCE NO.	SHEET NO.
STATE OF N	ORTH CAROLINA		B-4929	UC-2
DIVISION	OF HIGHWAYS			
ΙΤΙΕς ΡΙΔλ	SHEET SYM	IRNI C		
		DULS		
	PROPOSED MISCELLAN	NOUS UTILITIES SYMBOLS		
Power Pole	Å	Thrust Block	1	
FOMEL FOTE	0		-	
Telephone Pole	-O-	Air Release Valve	•	
Joint Use Pole	ċ -	Utility Vault	UV 	
Telephone Pedestal		Concrete Pier	CP.	
Utility Line by Others (Type as Shown)		Steel Pier	6D	
		Steel Piel		
Trenchless Installation	12" TL INSTALL	Plan Note		
Encasement by Open Cut	24" ENCAS BY OC	Pay Item Note		
Encasement	24" ENCASEMENT		PAY ITEM	

EXISTING UTILITIES SYMBOLS

Power Pole	•	*Undergroun
Telephone Pole		*Undergroun
Joint Use Pole	-	*Undergroun
Utility Pole	•	*Undergroun
Utility Pole with Base		*Undergroun
H-Frame Pole	••	*Undergroun
Power Transmission Line Tower	\boxtimes	*Undergroun
Water Manhole	\mathfrak{S}	Abovegroun
Power Manhole	\otimes	*Undergroun
Telephone Manhole	\otimes	Abovegroun
Sanitary Sewer Manhole	®	*Undergroun
Hand Hole for Cable	Ны	Abovegroun
Power Transformer		*Undergroun
Telephone Pedestal	T	Undergroun
CATV Pedestal		SUE Test H
Gas Valve	\diamond	Water Mete
Gas Meter	\diamond	Water Valv
Located Miscellaneous Utility Object	\odot	Fire Hydra
Abandoned According to Utility Records	AATUR	Sanitary S
End of Information	E.O.I.	

*For Exist: Utility Li (Type as S Designated (Type as S

Jnderground Po	wer Line	
Jnderground Te	lephone Cable	
-	lephone Conduit	
	ber Optics Telephone Cable-	
-		
Shaenground iv	Cable	
Jnderground Fi	ber Optics TV Cable	
Jnderground Ga	s Pipeline	
Aboveground Ga	s Pipeline	A/G Gas
Jnderground Wa	ter Line	
Aboveground Wa	ter Line	A/G Water
Jnderground Gr	avity Sanitary Sewer Line	SS
Aboveground Gr	avity Sanitary Sewer Line	A/G Sanitary Sewer
Jnderground SS	Forced Main Line	
Jnderground Un	known Utility Line	
SUE Test Hole		•
Water Meter		Ο
Water Valve		\oplus
Fire Hydrant		¢
Sanitary Sewer	Cleanout	(\div)

ed Utility Line	ting Utili	ties
	ine Drawn Shown)	from Record
	ed Utility Shown)	Line