

PROJECT REFERENCE NO. U-5710A	SHEET NO. UC-2
DESIGNED BY: MWW	
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

UTILITIES PLAN SHEET SYMBOLS

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UNLESS ALL SIGNATURES COMPLETED**

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UTILITY CONSTRUCTION

PROPOSED WATER SYMBOLS

Water Line (Sized as Shown)	
11 1/4 Degree Bend	
22 1/2 Degree Bend	
45 Degree Bend	
90 Degree Bend	
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	
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)	
Force Main Sewer Line (Sized as Shown)	
Manhole (Sized per Note)	
Sewer Pump Station	

PROPOSED MISCELLANEOUS UTILITIES SYMBOLS

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

Thrust Block	
Air Release Valve	
Utility Vault	
Concrete Pier	
Steel Pier	
Gate Valve	
Plan Note	
Pay Item Note	

NOTE
PAY ITEM

EXISTING UTILITIES SYMBOLS

*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	
*Underground Water Line	
Aboveground Water Line	
*Underground Gravity Sanitary Sewer Line	
Aboveground Gravity Sanitary Sewer Line	
*Underground SS Forced Main Line	
Underground Unknown Utility Line	
SUE Test Hole	
Water Meter	
Water Valve	
Fire Hydrant	
Sanitary Sewer Cleanout	
Well	
Septic	

ABBREVIATIONS

BC	BACK OF CURB	FOD	FULL OF DEBRIS	RRS	RAILROAD SPIKE
B.H.	BUILDING HEIGHT	PB	PLAT BOOK	R/W	RIGHT-OF-WAY
BST	BITUMINOUS SURFACE TREATMENT	PG	PAGE	SE	SIGHT EASEMENT
CC	CURB CUT	PIN	TAX PARCEL ID NUMBER	S.F.	SQUARE FEET
CGF	COMBINED GRID FACTOR	POB	POINT OF BEGINNING	TW	TOP OF WALL
CH	CHORD	PVC	POLYVINYL CHLORIDE PIPE	(M)	MEASURED
CM	CONCRETE MONUMENT	RCP	REINFORCED CONCRETE PIPE	(R)	RECORDED INVERT ELEVATION
CMP	CORRUGATED METAL PIPE				
CONC.	CONCRETE				
DB	DEED BOOK				
DIP	DUCTILE IRON PIPE				
FFE	FINISHED FLOOR ELEVATION				

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

Designated Utility Line (Type as Shown)

REVISIONS

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