

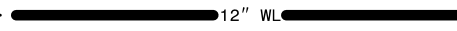























STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

UTILITIES BY OTHERS

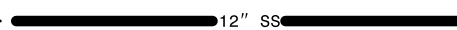
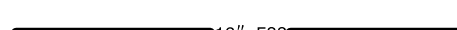


NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

UTILITIES PLAN SHEET SYMBOLS





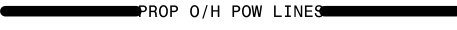
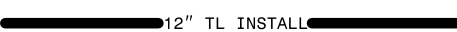
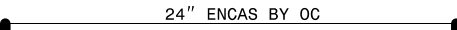

PROPOSED WATER SYMBOLS







Water Line (Sized as Shown)	
11¼ Degree Bend	
22½ 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	REM FH
Water Meter	
Relocate Water Meter	
Remove Water Meter	REM WM
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	






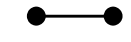












PROPOSED MISCELLANEOUS UTILITIES SYMBOLS

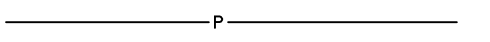
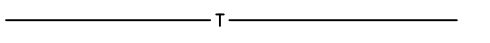
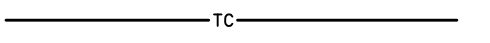
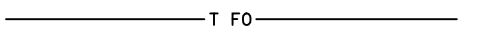
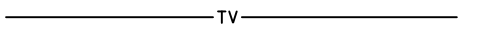
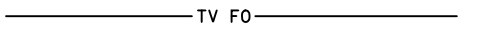
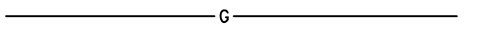
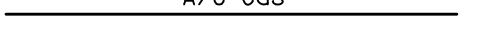
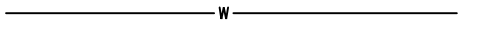
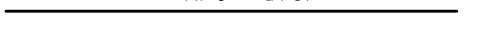
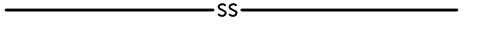
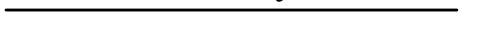
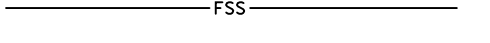
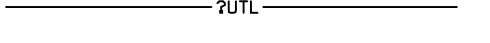





Power Pole	
Telephone Pole	
Joint Use Pole	
Telephone Pedestal	
Utility Line by Others (Type as Shown)	
Trenchless Installation	
Encasement by Open Cut	
Encasement	

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

NOTE
PAY ITEM

EXISTING UTILITIES SYMBOLS

Power Pole			
Telephone Pole			
Joint Use Pole			
Utility Pole			
Utility Pole with Base			
H-Frame Pole			
Power Transmission Line Tower			
Water Manhole			
Power Manhole			
Telephone Manhole			
Sanitary Sewer Manhole			
Hand Hole for Cable			
Power Transformer			
Telephone Pedestal			
CATV Pedestal			
Gas Valve			
Gas Meter			
Located Miscellaneous Utility Object			
Abandoned According to Utility Records	AATUR		
End of Information	E.O.I.		

*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	


*For Existing Utilities
Utility Line Drawn from Record

Designated Utility Line

NORTH CAROLINA
DEPT. OF TRANSPORTATION
RALEIGH, NORTH CAROLINA

SUGAR CREEK ROAD AND NCRR/NSRR
CROSSING NO. 715 352 GRADE SEPERATION

Designed By:	Checked By:	Date:	Sheet:	Of:
OTHERS	OTHERS	12-22-14	U0-2	U0-7



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7520 E. Independence Blvd., Suite 230 Charlotte, NC 28227