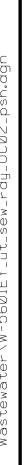


PROPOSED WATER SYMBOLS

Water Line (Sized as Shown)
11 ¹ /4 Degree Bend
$22\frac{1}{2}$ 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 Remove Fire Hydrant
Water Meter
Relocate Water Meter
Remove Water Meter
Water Pump StationPS(W)
RPZ Backflow Preventer
DCV Backflow Preventer
Relocate RPZ Backflow Preventer 🔤 🕅
Relocate DCV Backflow Preventer



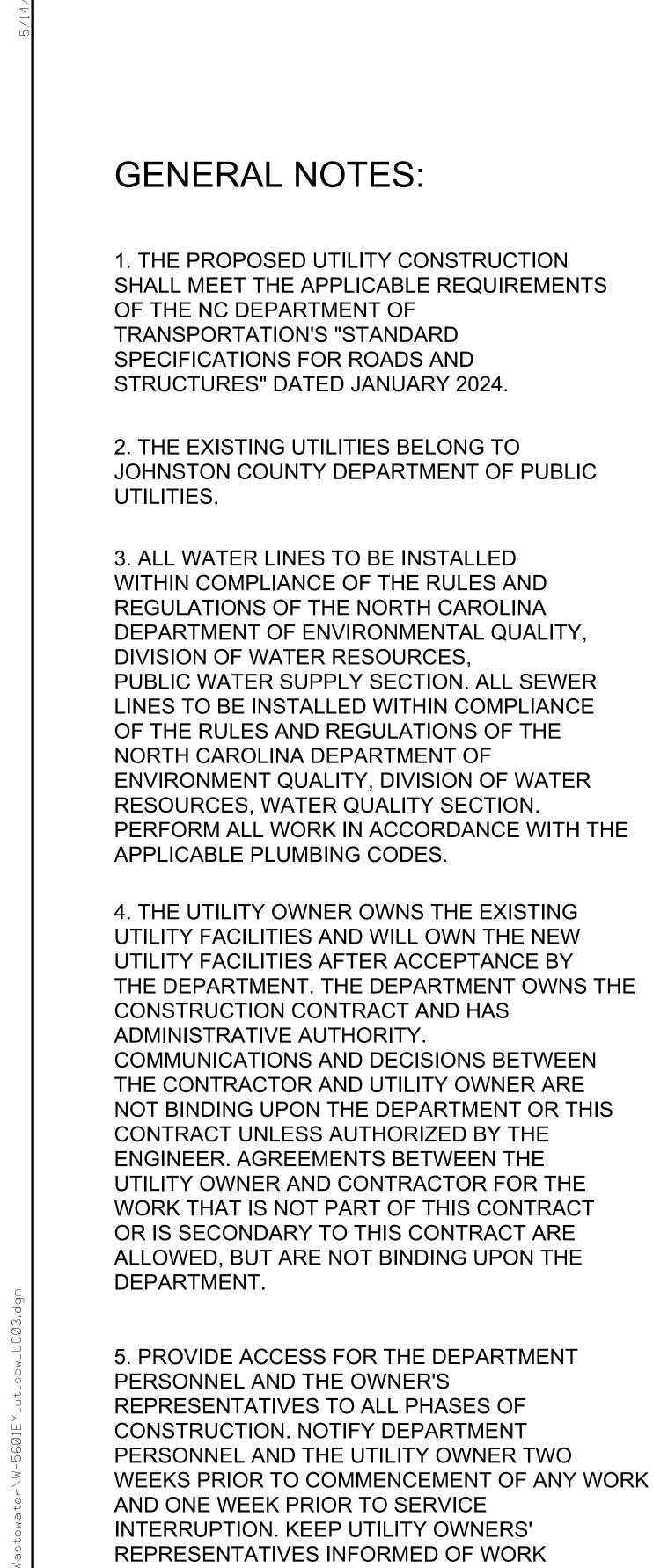
REV: 2/1/2012

			PROJECT REFERENCE NO. W-560/EY	SHEET NO. <i>UC-2</i>
	DRTH CAROLII Of Highways			
	CITET CV			
IIES PLAN	SHEET SY	MBOLS		
	PROPOSED MISCEL	LANOUS UTILITIES SYMBOLS		
Power Pole	γ	Thrust Block		
Telephone Pole	-0-	Air Release Valve	AR ••••	
Joint Use Pole	- b -	Utility Vault	UV	
Telephone Pedestal		Concrete Pier	<u>СР</u>	
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	UTILITIES SYMBOLS		
Power Pole		*Underground Power Line		
Telephone Pole		*Underground Telephone Cable		
Joint Use Pole	······ - -	*Underground Telephone Conduit		
Utility Pole	••••••	*Underground Fiber Optics Telephone Cabl	Le	
Utility Pole with Base		*Underground TV Cable		

Power Pole	. ↓	*Undergrou
Telephone Pole	-•-	*Undergrou
Joint Use Pole	- -	*Undergrou
Utility Pole	•	*Undergrou
Utility Pole with Base	•	*Undergrou
H-Frame Pole	••	*Undergrou
Power Transmission Line Tower	\boxtimes	*Undergrou
Water Manhole	\bigotimes	Abovegrou
Power Manhole	P	*Undergrou
Telephone Manhole	\bigcirc	Abovegrou
Sanitary Sewer Manhole		*Undergrou
Hand Hole for Cable	н	Abovegrou
Power Transformer		*Undergrou
Telephone Pedestal	Τ	Undergrou
CATV Pedestal	C	SUE Test
Gas Valve	\diamond	Water Me ⁻
Gas Meter	\Diamond	Water Va
Located Miscellaneous Utility Object	\odot	Fire Hydı
Abandoned According to Utility Records	AATUR	Sanitary
End of Information	E.O.I.	

erground Fiber Optics TV Cable	
erground Gas Pipeline	
eground Gas Pipeline	A/G Gas
erground Water Line	
eground Water Line	A/G Water
erground Gravity Sanitary Sewer Line	SS
eground Gravity Sanitary Sewer Line	A/G Sanitary Sewer
erground SS Forced Main Line	
erground Unknown Utility Line	
Test Hole	٢
er Meter	
er Valve	\otimes
Hydrant	÷
tary Sewer Cleanout	\oplus

	_
ting Utilities	
Line Drawn from Record	
ed Utility Line Shown)	



PROGRESS AND PROVIDE OPPORTUNITY FOR

INSPECTION OF CONSTRUCTION AND TESTING.

UTILITY CONSTRUCTION

6. THE PLANS DEPICT THE BEST AVAILABLE INFORMATION FOR THE LOCATION, SIZE, AND TYPE OF MATERIAL FOR ALL EXISTING UTILITIES. MAKE INVESTIGATIONS FOR DETERMINING THE EXACT LOCATION, SIZE, AND TYPE MATERIAL OF THE EXISTING FACILITIES AS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED UTILITIES AND FOR AVOIDING DAMAGE TO EXISTING FACILITIES. REPAIR ANY DAMAGE INCURRED TO EXISTING FACILITIES TO THE ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE DEPARTMENT.

7. MAKE FINAL CONNECTIONS OF THE NEW WORK TO THE EXISTING SYSTEM WHERE INDICATED ON THE PLANS, AS REQUIRED TO FIT THE ACTUAL CONDITIONS, OR AS DIRECTED.

8. MAKE CONNECTIONS BETWEEN EXISTING AND PROPOSED UTILITIES AT TIMES MOST CONVENIENT TO THE PUBLIC, WITHOUT ENDANGERING THE UTILITY SERVICE, AND IN ACCORDANCE WITH THE UTILITY OWNER'S **REQUIREMENTS. MAKE CONNECTIONS ON** WEEKENDS, AT NIGHT, AND ON HOLIDAYS IF NECESSARY.

9. ALL UTILITY MATERIALS SHALL BE APPROVED PRIOR TO DELIVERY TO THE PROJECT. SEE 1500-7, "SUBMITTALS AND **RECORDS**" IN SECTION 1500 OF THE STANDARD SPECIFICATIONS.

PROJECT SPECIFIC NOTES:

1. CONTRACTOR'S ATTENTION IS DIRECTED TO SECTIONS 102, 107, AND 1550 OF THE STANDARD SPECIFICATIONS CONCERNING TRENCHLESS INSTALLATION. IT IS CONTRACTOR'S RESPONSIBILITY TO HAVE BORE DESIGNED AND SEALED BY A LICENSED NORTH CAROLINA PROFESSIONAL ENGINEER. NO DAMAGE IS ALLOWED TO RIVER, WETLANDS, OR BUFFER ZONES.

