

PROPOSED WATER SYMBOLS

_____ 12" WL ____

Water Line (Sized as Shown)	
11 ¹ ⁄ ₄ Degree Bend	+++
22½ Degree Bend	+ • *
45 Degree Bend	
90 Degree Bend	
Plug	
Tee	
Cross	
Reducer	
Gate Valve	GV
Butterfly Valve	
Tapping Valve ————————————————————————————————————	
Line Stop	•
Line Stop with Bypass	LS/BP
Blow Off	BO
Fire Hydrant	PEH
Relocate Fire Hydrant	
Remove Fire Hydrant	REM FH
Water Meter	PWM
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)	- 12″SS
Force Main Sewer Line	12" FSS
Manhole (Sized per Note)	
Sewer Pump Station	

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		٨	PROJECT REFERENCE NO.	SHEET NO.
STATE OF NO	DRTH CAROLINA		B-5156	UC-2
	OF HIGHWAYS			
TIES PLAN	SHEET SYN	AROLS		
	PROPOSED MISCELLA	NOUS UTILITIES SYMB	OLS	
Power Pole	ð	Thrust Block —————		
Telephone Pole	- O -	Air Release Valve	AR	
Joint Use Pole	······································	Utility Vault	UV	
Telephone Pedestal		Concrete Pier		
Utility Line by Others (Type as Shown)	PROP O/H POW LINES	Steel Pier	SP	
Trenchless Installation ———	12" TL INSTALL	Plan Note		
Encasement by Open Cut	24" ENCAS BY OC	Pay Item Note		554
Encasement	24" ENCASEMENT		PAY I	

EXISTING UTILITIES SYMBOLS

Power Pole	►	*Underground Power Line	P
Telephone Pole	-	*Underground Telephone Cable ————	т
Joint Use Pole		*Underground Telephone Conduit————	тс
Utility Pole	•	*Underground Fiber Optics Telephone Cable	T F0
Utility Pole with Base ——————		*Underground TV Cable	
H-Frame Pole	••	*Underground Fiber Optics TV Cable	
Power Transmission Line Tower		*Underground Gas Pipeline —————	C
Water Manhole	Θ	Aboveground Gas Pipeline —————	A/G Gas
Power Manhole	Ø	*Underground Water Line	
Telephone Manhole	\odot	Aboveground Water Line	A/G Water
Sanitary Sewer Manhole —————	\oplus	*Underground Gravity Sanitary Sewer Line–	
Hand Hole for Cable	H-	Aboveground Gravity Sanitary Sewer Line-	A/G Sanitary Sewer
Power Transformer		*Underground SS Forced Main Line	FSS
Telephone Pedestal		Underground Unknown Utility Line ————	
CATV Pedestal		SUE Test Hole	۲
Gas Valve —————————————————————	\diamond	Water Meter ———————————————————————————————————	Ξ
Gas Meter	\diamond	Water Valve	\otimes
Located Miscellaneous Utility Object ——	\odot	Fire Hydrant ————————————————————————————————————	-©
Abandoned According to Utility Records —	AATUR	Sanitary Sewer Cleanout ——————	\oplus
End of Information ————————————————————————————————————	E.O.I.		

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signated Utility L ype as Shown)	_inew	

NCDOT GENERAL UTILITY NOTE

- 1. THE PROPOSED UTILITY CONSTRUCTION SHALL MEET THE APPLICABLE REQUIREMENTS OF THE NC DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROADS STRUCTURES" DATED JANUARY 2024.
- 2. THE EXISTING UTILITIES BELONG TO PENDER COUNTY.
- 3. ALL WATER LINE TO BE INSTALLED WITHIN COMPLIANCE OF RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTM ENVIRONMENTAL AND NATURAL RESOURCES, DIVISION OF WAT RESOURCES, PUBLIC WATER SUPPLY SECTION. ALL SEWER IN TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES, WATER QUALITY SECTION. PERFORM ALL WORK IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODES.
- 4. THE UTILITY OWNER OWNS THE EXISTING UTILITY FACILITY AND WILL OWN THE NEW UTILITY FACILITIES AFTER ACCEPT BY THE DEPARTMENT AND THE UTILITY OWNER THE DEPARTME OWNS THE CONSTRUCTION CONTRACT AND HAS ADMINISTRATIV AUTHORITY. COMMUNICATIONS AND DECISIONS BETWEEN THE CONTRACTOR AND UTILITY OWNER ARE NOT BINDING UPON TH DEPARTMENT OR THIS CONTRACT UNLESS AUTHORIZED BY THE ENGINEER. AGREEMENTS BETWEEN THE UTILITY OWNER AND CONTRACTOR FOR THE WORK THAT IS NOT PART OF THIS CON OR IS SECONDARY TO THIS CONTRACT ARE ALLOWED, BUT AF BINDING UPON THE DEPARTMENT.
- 5. PROVIDE ACCESS FOR THE DEPARTMENT PERSONNEL AND THE OWNER'S REPRESENTATIVES TO ALL PHASES OF CONSTRUCTION NOTIFY DEPARTMENT PERSONNEL AND THE UTILITY OWNER TO WEEKS PRIOR TO COMMENCEMENT OF ANY WORK AND A MINIMUT ONE WEEK PRIOR TO SERVICE INTERRUPTIONS AND TESTING UTILITY OWNERS' REPRESENTATIVES INFORMED OF WORK PRO AND PROVIDE OPPROTUNITY FOR INSPECTION OF CONSTRUCT AND TESTING.
- 6. THE PLANS DEPICT THE BEST AVAILABLE INFORMATION FOR LOCATION, SIZE, AND TYPE OF MATERIAL FOR ALL EXISTIN UTILITIES. MAKE INVESTIGATIONS FOR DETERMINING THE F LOCATION, SIZE AND TYPE MATERIAL OF THE EXISTING FACILITIES AS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED UTILITIES AND FOR AVOIDING DAMAGE TO EXIST FACILITIES. REPAIR ANY DAMAGE INCURRED TO EXISTING FACILITIES TO THE ORIGINAL OR BETTER CONDITION AT NO ADDITONAL COST TO THE DEPARTMENT.
- 7. MAKE FINAL CONNECTIONS OF THE NEW WORK TO THE EXIST SYSTEM WHERE INDICATED ON THE PLANS, AS REQUIRED TO THE ACTUAL CONDITIONS, OR AS DIRECTED.
- 8. MAKE CONNECTIONS BETWEEN EXISTING AND PROPOSED UTIL: AT TIMES MOST CONVENIENT TO THE PUBLIC, WITHOUT ENDANGERING THE UTILITY SERVICE, AND IN ACCORDANCE W THE UTILITY OWNER*S REQUIREMENTS. MAKE CONNECTIONS (WEEKENDS, AT NIGHT, AND ON HOLIDAYS IF NECESSARY.
- 9.ALL UTILITY MATERIALS SHALL BE APPROVED PRIOR TO DEL TO THE PROJECT. SEE 1500-7, "SUBMITTALS AND RECORDS SECTION 1500 OF THE STANDARD SPECIFICATIONS.

\$\$\$\$\$\$\$DGN\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$ MF \$\$\$\$

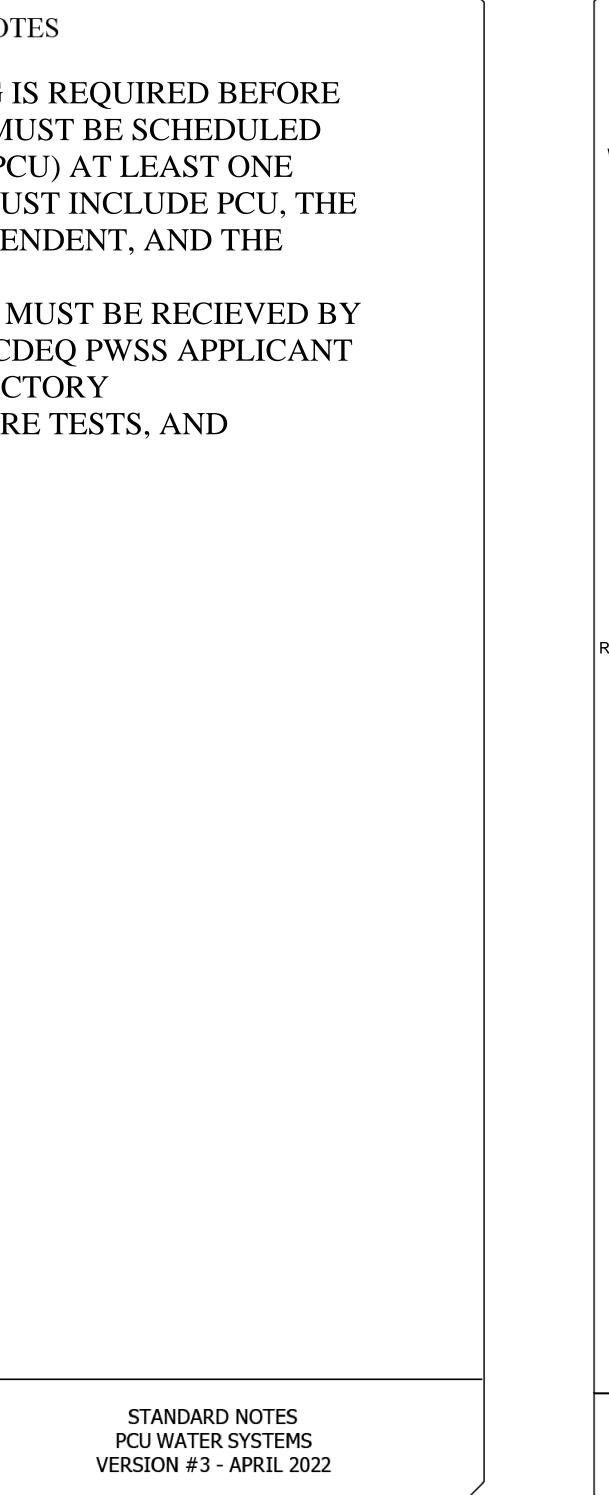
ES:	PROJECT SPECIFIC UTILITY NOTES: 1. CONTRACTOR SHALL COORDINATE ALL WORK WITH UTILITY OWNER
S AND	AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION, OR AS OTHERWISE SPECIFIED HEREIN.
OF THE MENT OF VATER & LINES	2. CONTRACTOR SHALL NOTIFY AFFECTED PROPERTY OWNERS AND TENNANTS AT LEAST 7 DAYS PRIOR TO WATER UTILITY CONSTRUCTION THAT CONSTRUCTION ACTIVITY WILL TAKE PLACE IN THEIR AREA.
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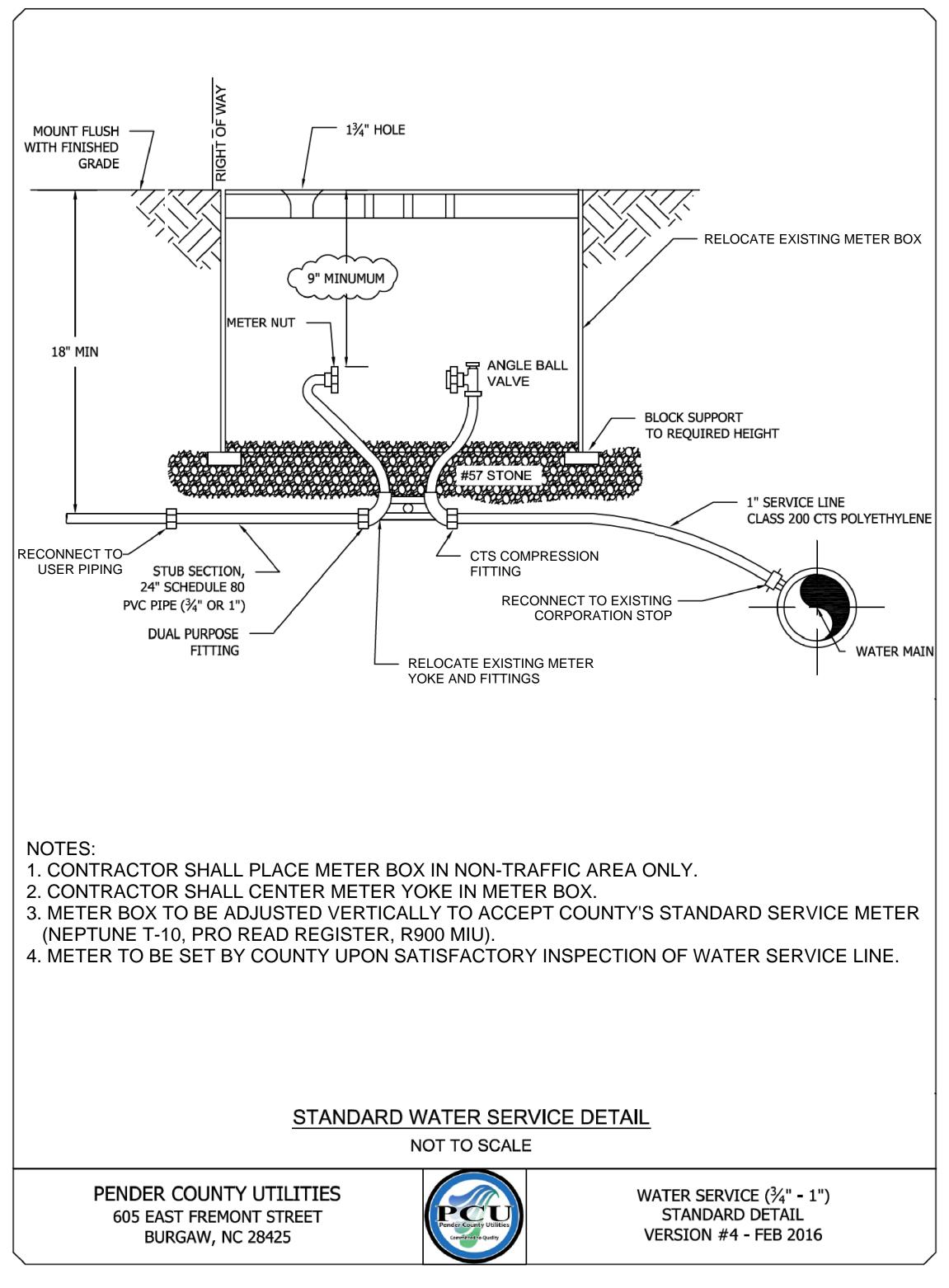
PREPARED BY:	PROJECT REF	FERENCE	NO.	SHEET NO.
Kimley	B-5156			UC-3
Kimley » Horn	DESIGNED BY:	NLH		
421 FAYETTEVILLE STREET, SUITE 600	DRAWN BY:	JNB		WITH CAROLING
RALEIGH, NC 27601	CHECKED BY:	NDR		S POFESSION T
	APPROVED BY:	NLH	1111	Boseudigned by:
	REVISED:			045249
	NORTH CAROL DEPARTMENT TRANSPORTA	OF		NGINE NEL 12/12/2023
	UTILITIES ENGINEE PHONE:(919)7(FAX:(919)250-	07-6690	UTILI	TY CONSTRUCTION PLANS ONLY
	DOCUMENT NOT CONSIDERED FINAL UNTIL ALL SIGNATURES ARE COMPLET			
UTI	LITY C	CONS	STR	UCTION

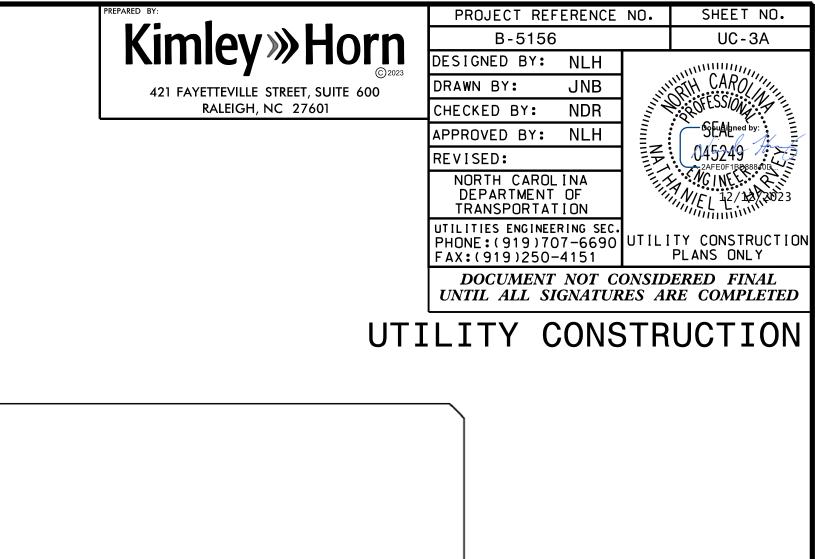
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REC	CORD DRAV	VINGS (PD	F & CAD)	•

PENDER COUNTY UTILITIES 605 EAST FREMONT STREET PO BOX 995, BURGAW, NC 28425









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