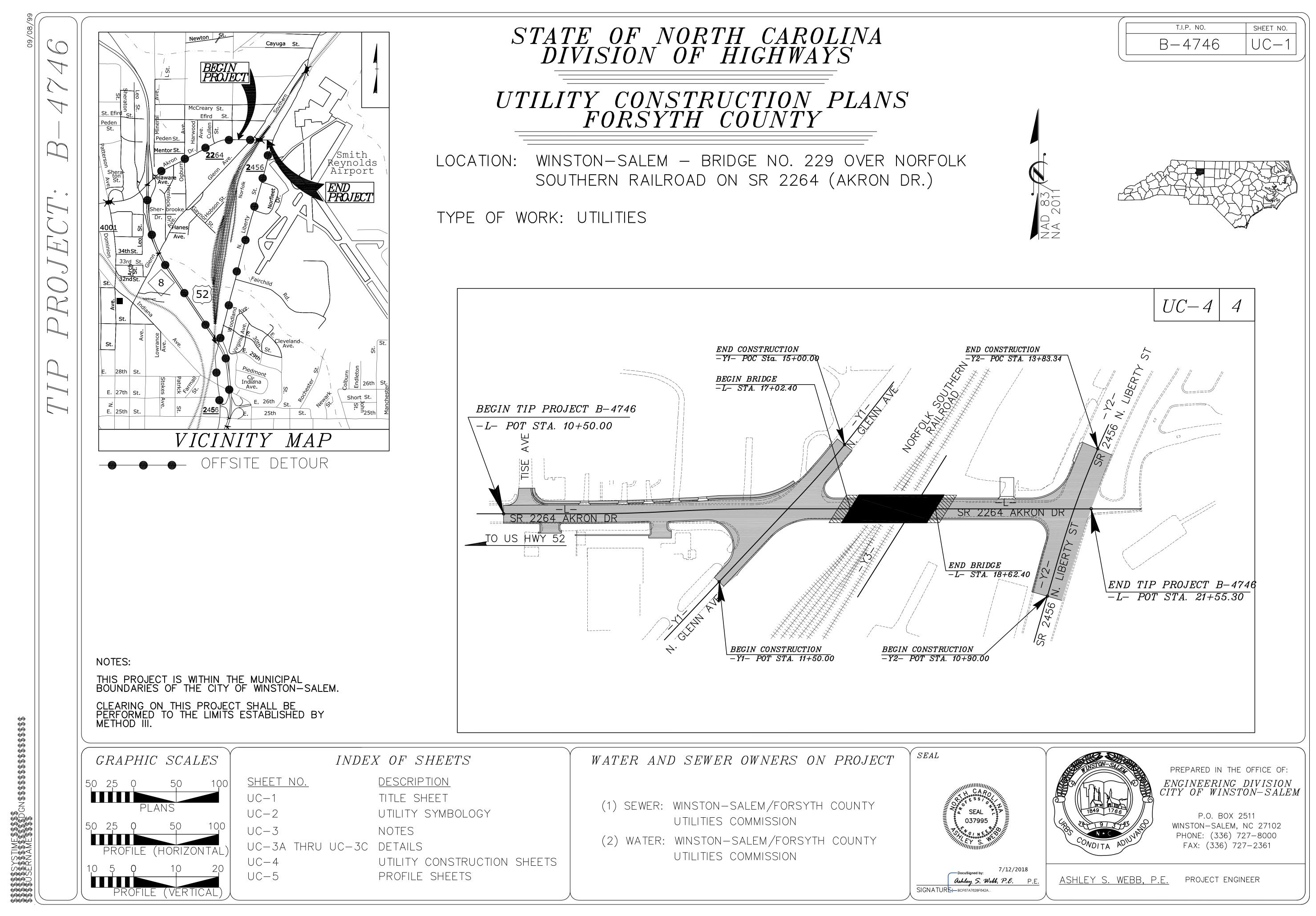
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# PROPOSED WATER SYMBOLS

Water Line (Sized as Shown)
11 1/4 Degree Bend
22 1/2 Degree Bend
45 Degree Bend
90 Degree Bend
Plug
Tee · · · · · · · · · · · · · · · · · ·
Reducer
Gate Valve $\cdots \cdots \cdots \cdots \cdots \cdots \cdots \cdots \cdots \cdots \otimes$
Tapping Valve

## Fire Hydrant RelocateFireHydrant 🔸 🛶 🔸 🔶 Remove Fire Hydrant Relocate Water Meter **0** Remove Water Meter

Blowoff Assembly

\$\$\$\$	PR(
0N\$\$\$\$\$\$\$\$\$\$\$\$\$\$	Gravity Sewer Line (Sized as Shown)
<b>ESSS</b> CO ESSSS	Manhole (Sized per Note)
BSERNAM	Sanitary Sewer Clec

EVISIONS

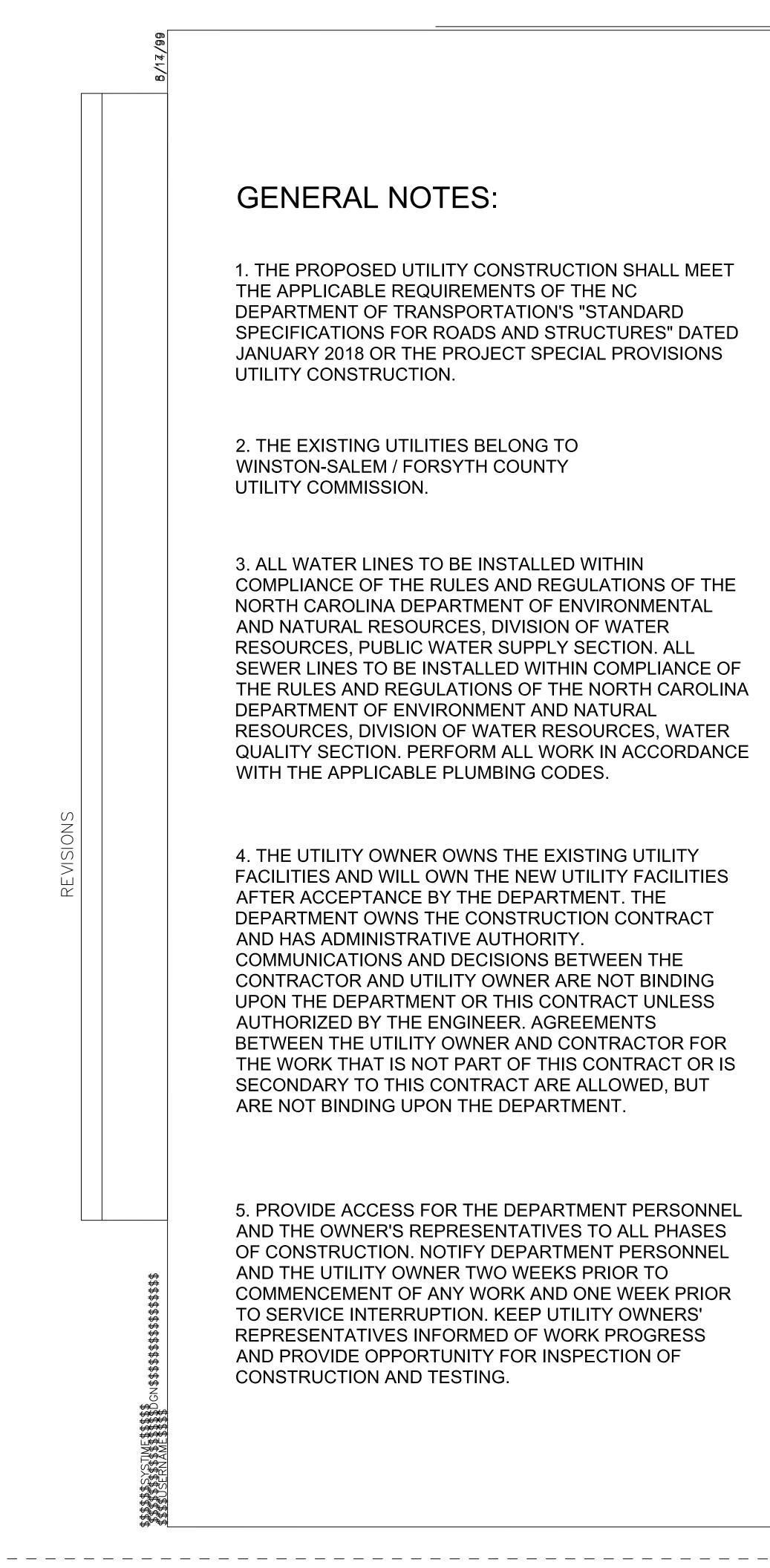
PROPOSED SEWER SYMBOLS

Manhole (Sized per Note)

Sanitary Sewer Cleanout

	TH CAROLINA HIGHWAYS		PROJECT REFERENCE NO. B-4746	SHEET NO. UC-2
ILITIES PLAN S	SHEET SYMBOL	_ <u>S</u>		
PF	ROPOSED MISCELLAN	OUS UTILITIES SYMBOLS Thrust Block		
		Air Release Valve	O	
Encasement by Open Cut	— — — — — — —	Plan Note · · · · · · · · · · · · · · · · · · ·	NOTE	
Encasement				
	EXISTING UTILI			
Power Pole		*Underground Power Line		
Telephone Pole		*Underground Telephone Cable		
Joint Use Pole		*Underground Telephone Conduit		
Utility Pole		*Underground Fiber Optics Telephone Cable		
Utility Pole with Base		*Underground TV Cable		
H-Frame Pole		*Underground Fiber Optics TV Cable		
Power Transmission Line Tower		onder ground odd i ipenne	— GAS — GAS — GAS —	
Water Manhole		Aboveground Gas Pipeline		
Power Manhole		*Underground Water Line		
Telephone Manhole		Aboveground Water Line		
Sanitary Sewer Manhole		*Underground Gravity Sanitary Sewer Line	A/G Sanitary Sewer	
Hand Hole for Cable		Aboveground Gravity Sanitary Sewer Line		
Power Transformer		*Underground SS Forced Main Line		
Telephone Pedestal		Underground Unknown Utility Line		
CATV Pedestal		SUE Test Hole		
Gas Valve		Water Meter		
Gas Meter		Water Valve		
		Fire Hydrant		
Abandoned According to Utility Records	- AATUR	Sanitary Sewer Cleanout	Ĥ	
End of Information	E.U.I.			
		*For Existing Utilities Utility Line Drawn from Record (Type as Shown) Designated Utility Line (Type as Shown)		

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	*Undergrou
Water Manhole	Abovegrou
Power Manhole	*Undergrou
Telephone Manhole	Abovegrou
Sanitary Sewer Manhole	*Undergrou
Hand Hole for Cable	Abovegrou
Power Transformer	*Undergrou
Telephone Pedestal	Undergrou
CATV Pedestal	SUE Test
Gas Valve	Water Met
Gas Meter	Water Valv
Located Miscellaneous Utility Object	Fire Hydra
Abandoned According to Utility Records	Sanitary S
End of Information	



# **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 ADDITONAL 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.

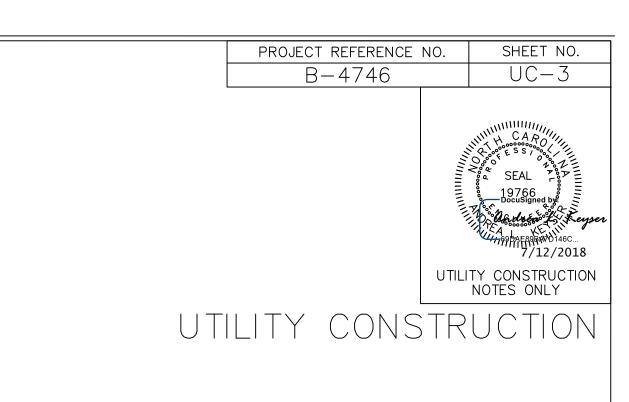
8. MAKE CONNECTIONS BETWEEN EXISTING AND PROPOSED UTILITIES AT TIMES MOST CONVENIENT TO THE PUBLIC, WITHOUT ENDANGERING THE UTILITY SERVICE, AND IN ACCORDANCE WITH THE UTILITY OWNER'S REQUIREMENTS. MAKE CONNECTIONS ON WEEKENDS, AT NIGHT, AND ON HOLIDAYS IF NECESSARY AND APPROVED BY THE DEPARTMENT AND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

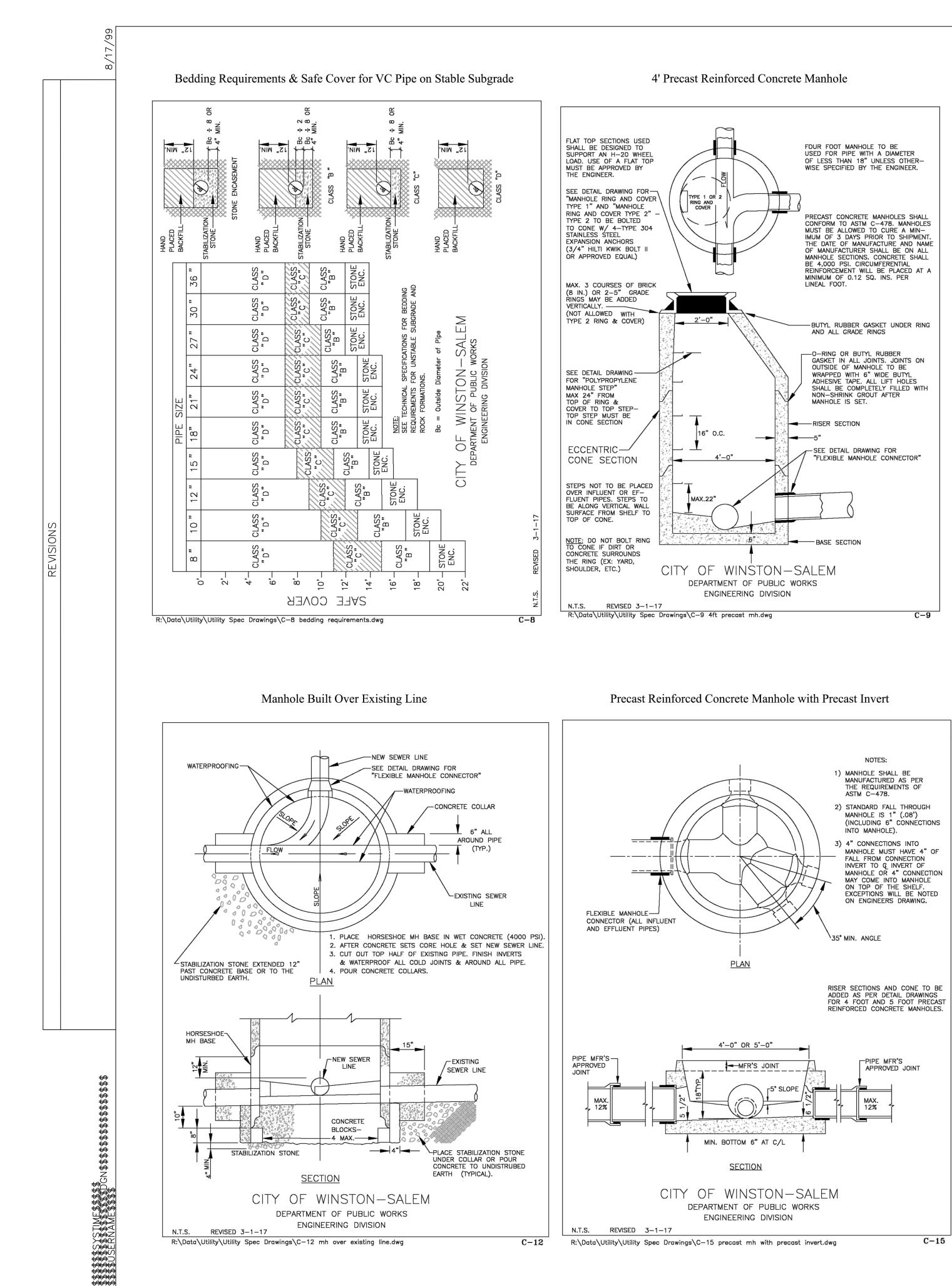
9. ALL UTILITY MATERIALS SHALL BE APPROVED PRIOR TO DELIVERY TO THE PROJECT. SEE 1500-7, "SUBMITTALS AND RECORDS" IN SECTION 1500 OF THE STANDARD SPECIFICATIONS.

## PROJECT SPECIFIC NOTES:

1. ALL VALVES 3" THROUGH 16" SHALL BE GATE VALVES.

2. THE CONTRACTOR SHALL CHECK THE INSIDE OF ALL SERVICE CONNECTION METER BOXES THAT ARE WITHIN THE LIMITS OF WATER MAINS TO BE ABANDONED. IF ANY METER BOX CONTAINS A METER, THE METER SHALL BE REMOVED AND RETURNED TO THE CITY OF WINSTON-SALEM'S UTILITIES CONSTRUCTION AND MAINTENANCE DIVISION AT 1550-B MARTIN LUTHER KING JR DRIVE. THE INVESTIGATION OF METERS AND ANY REMOVAL AND SUBSEQUENT DELIVERY TO THE CITY SHALL BE CONSIDERED INCIDENTAL TO THE WORK OF CLEARING AND GRUBBING.

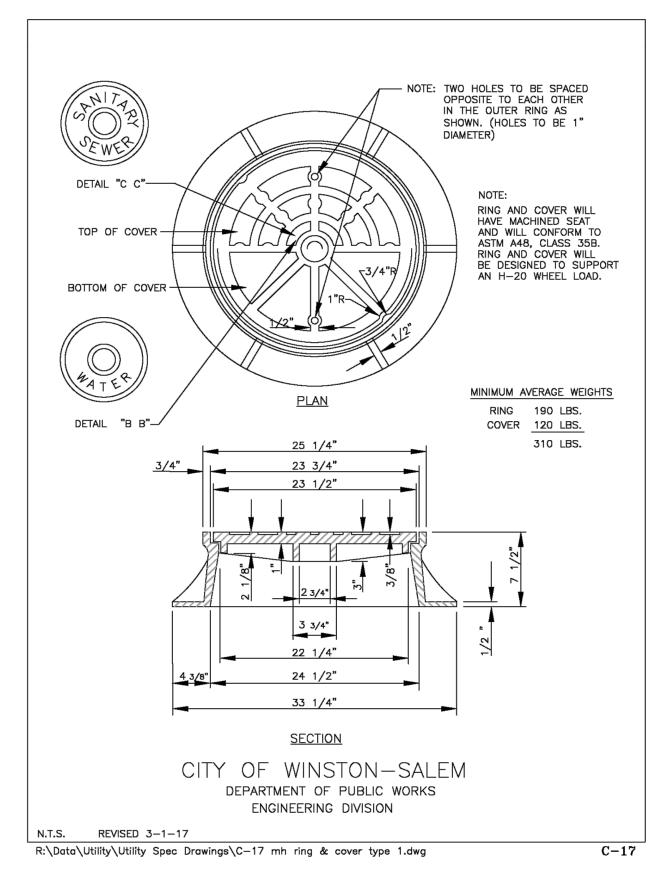




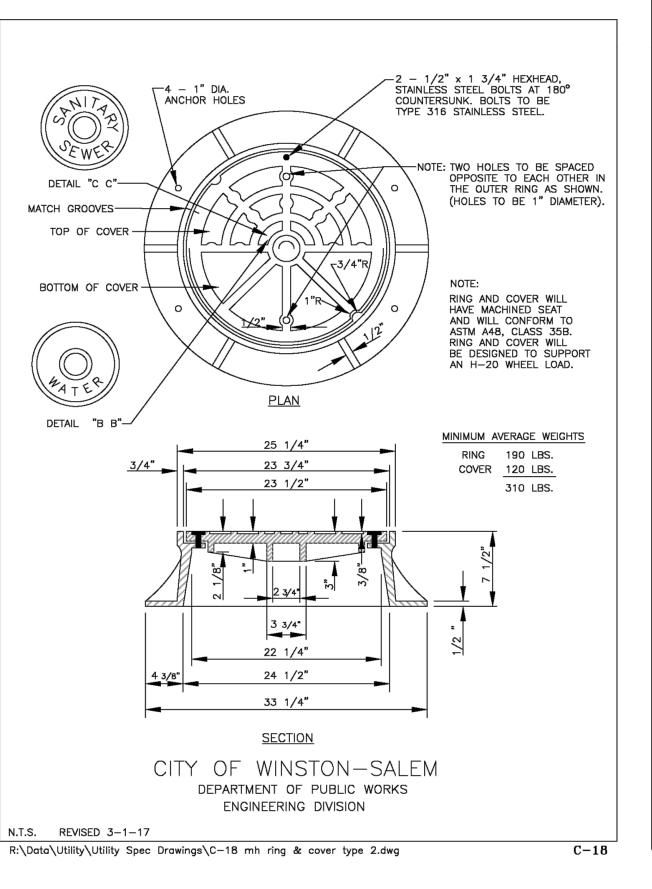
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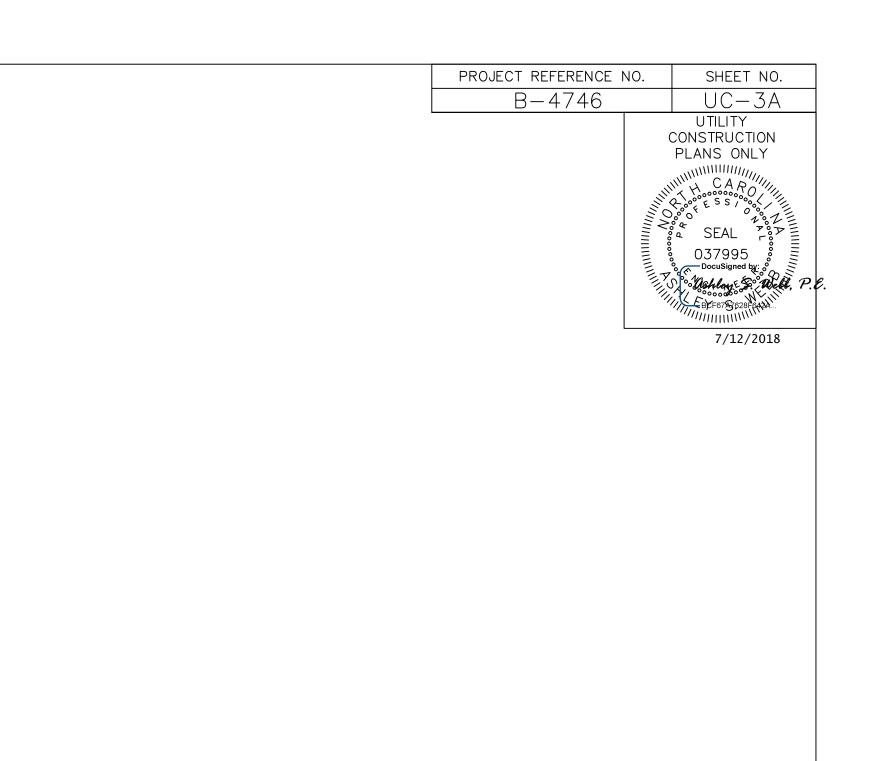
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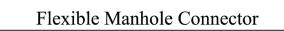
## Manhole Ring and Cover (Type 1)

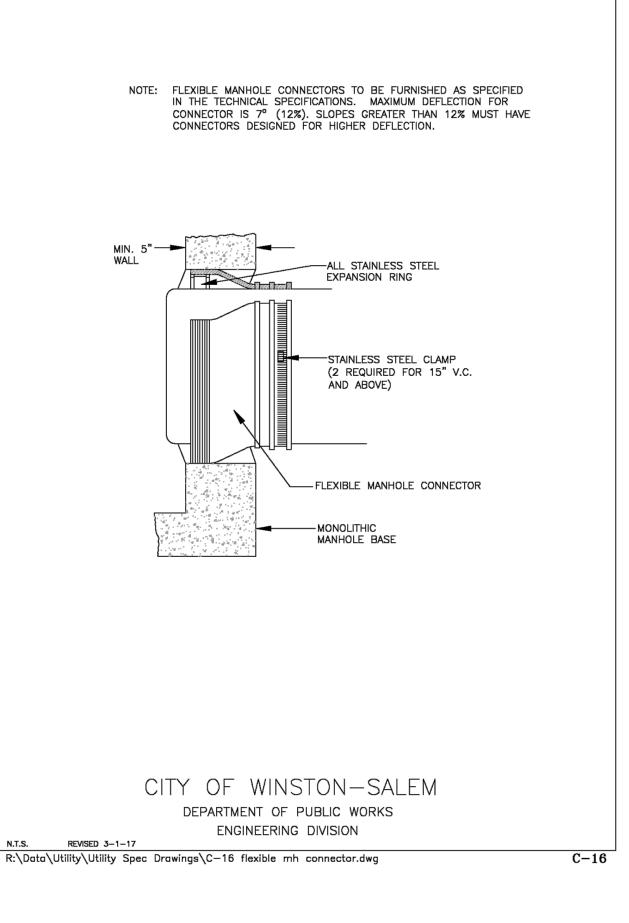


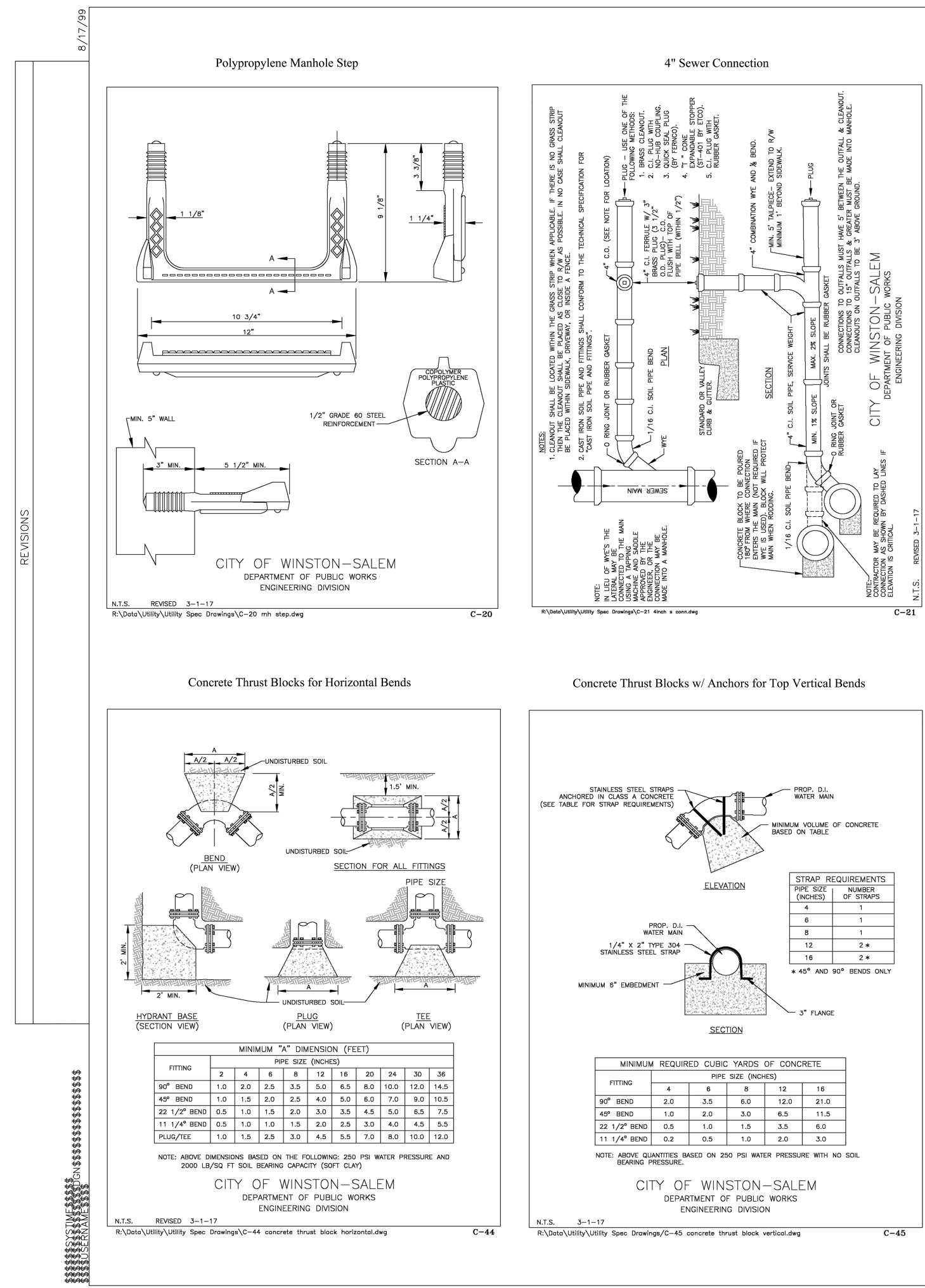
## Manhole Ring and Cover (Type 2)



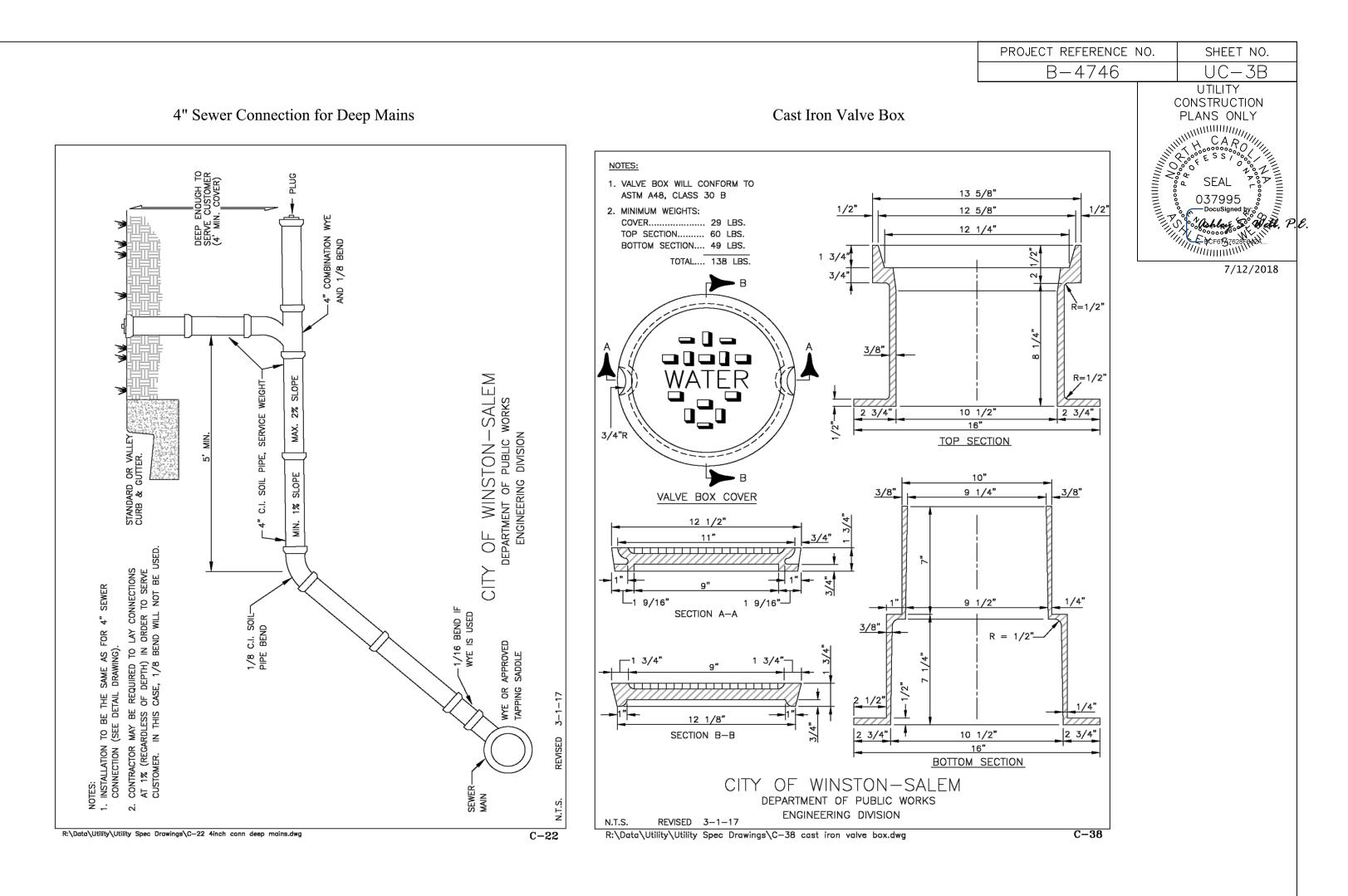


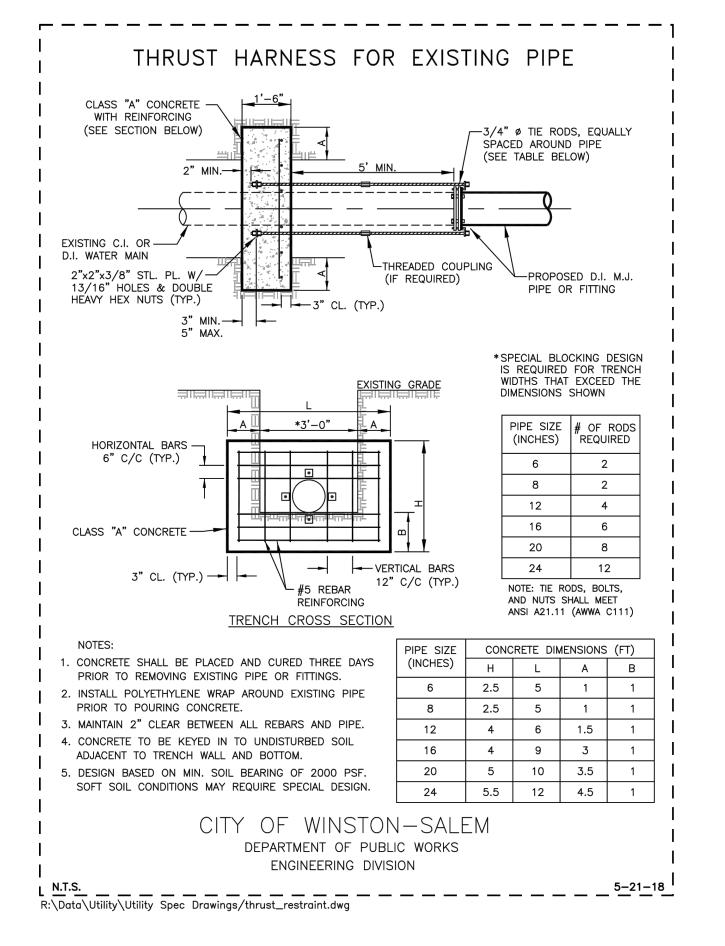


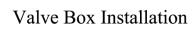


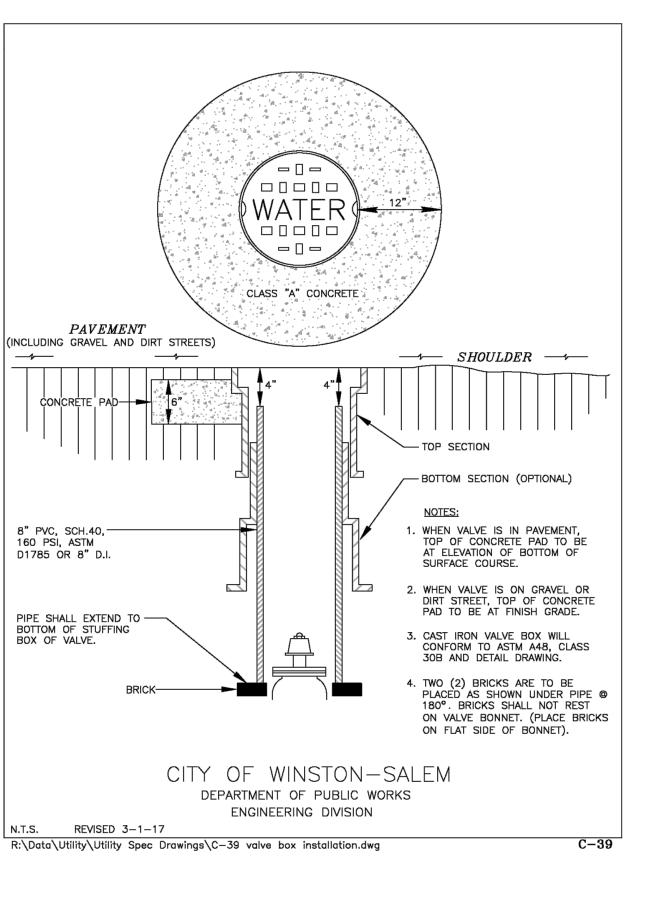


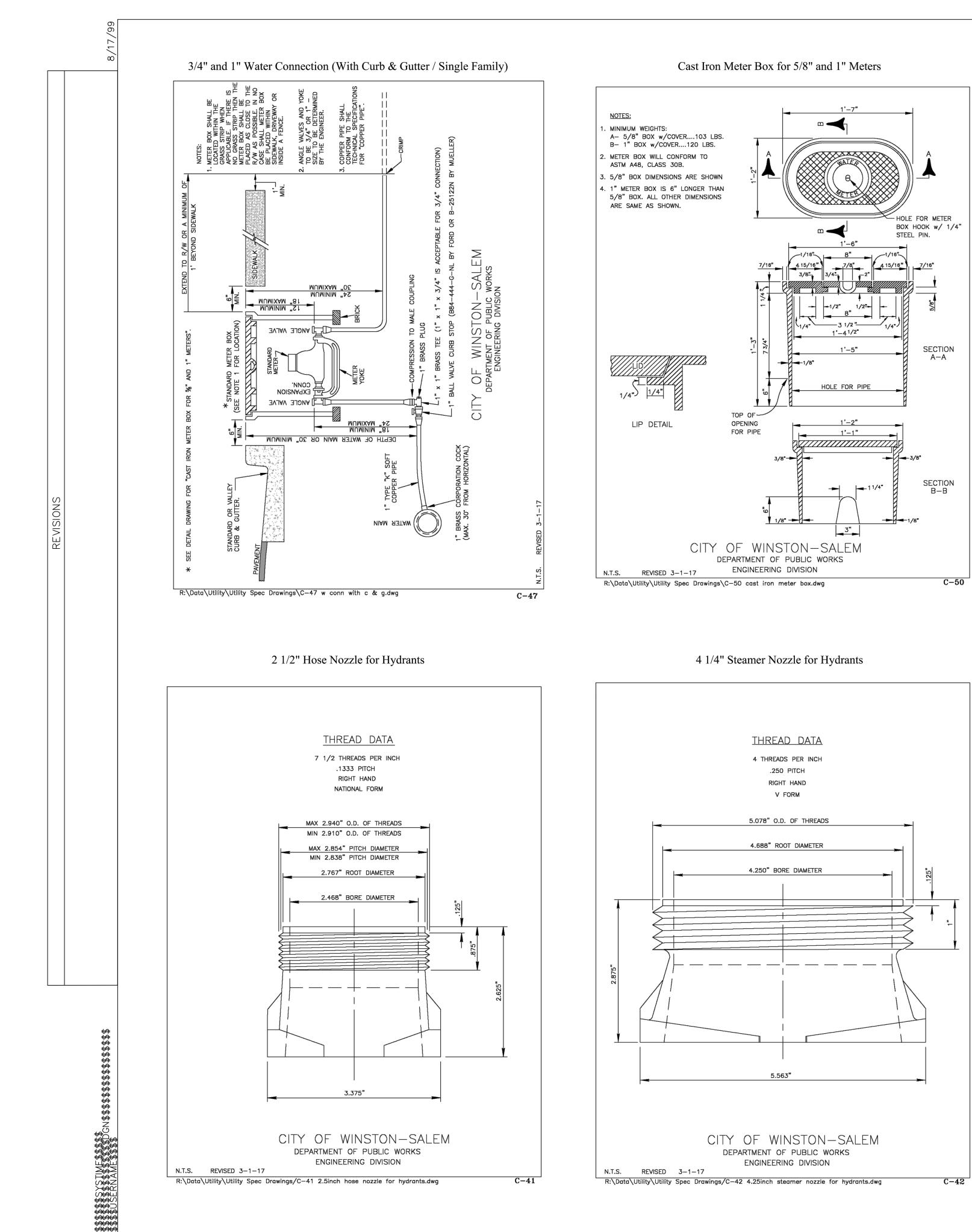
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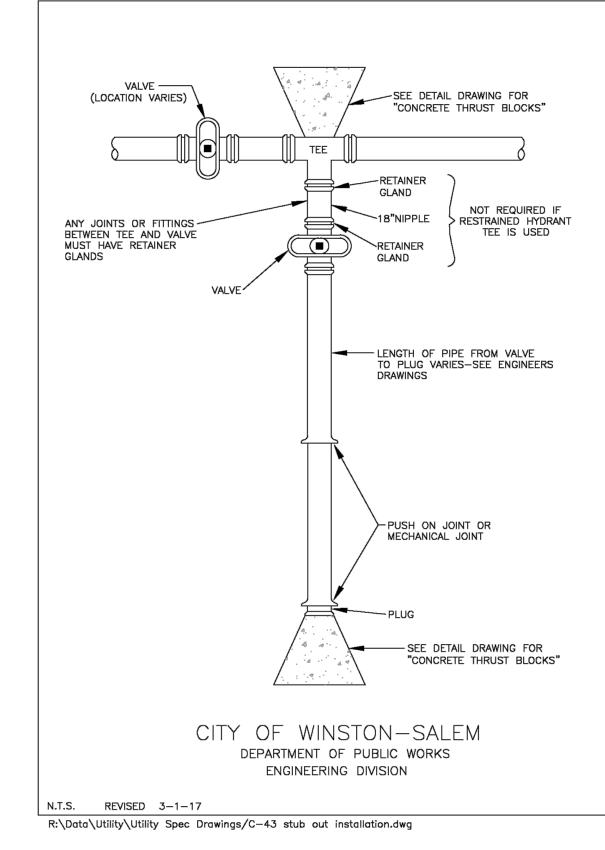




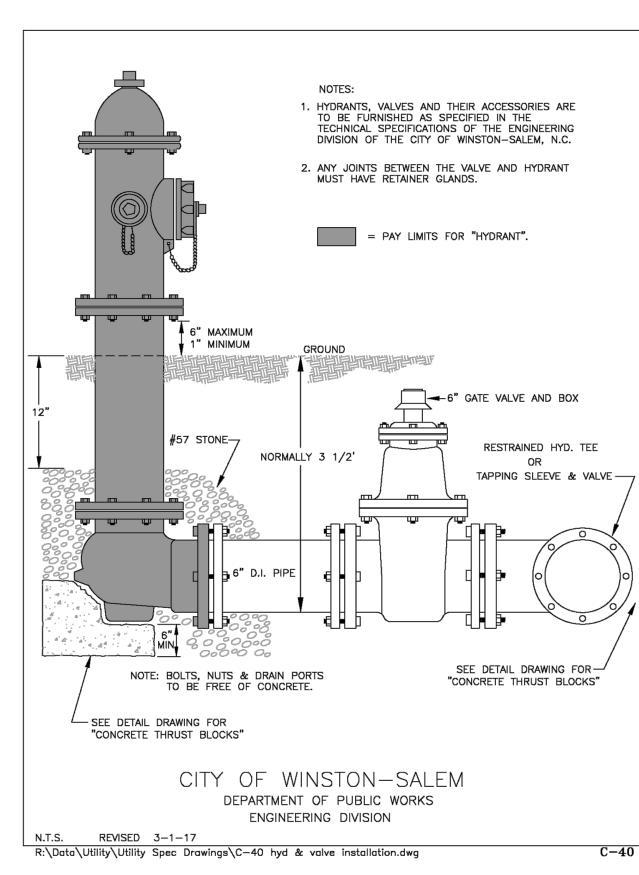




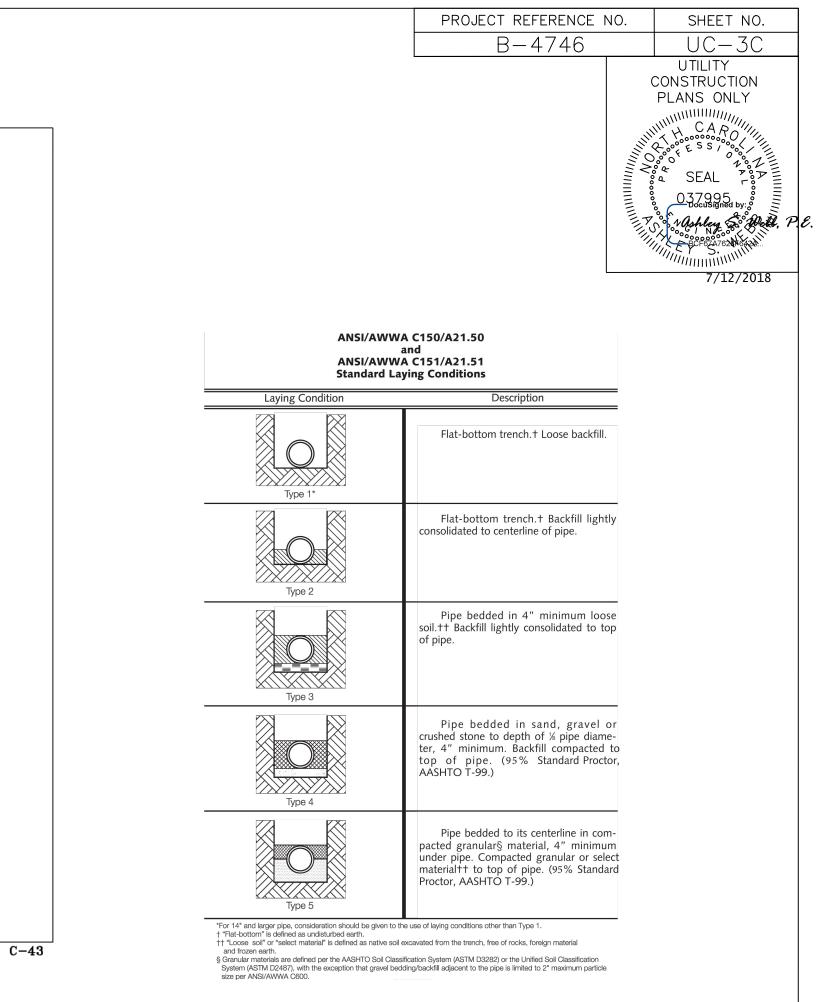
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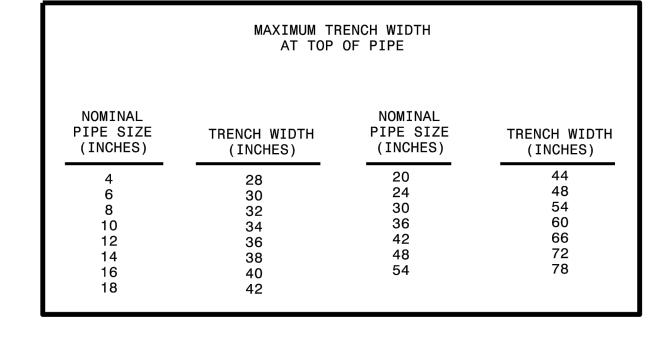


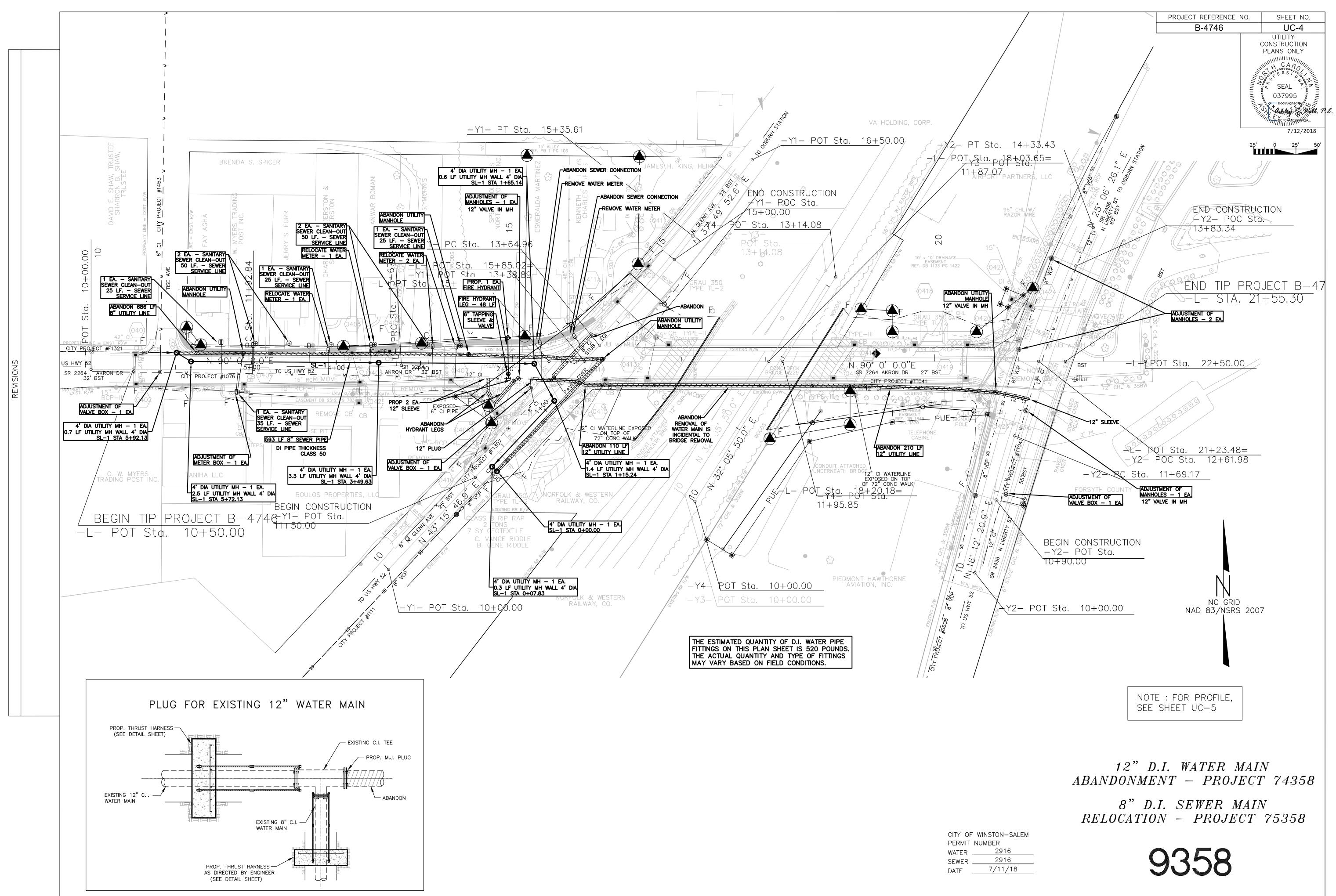
Hydrant and Valve Installation

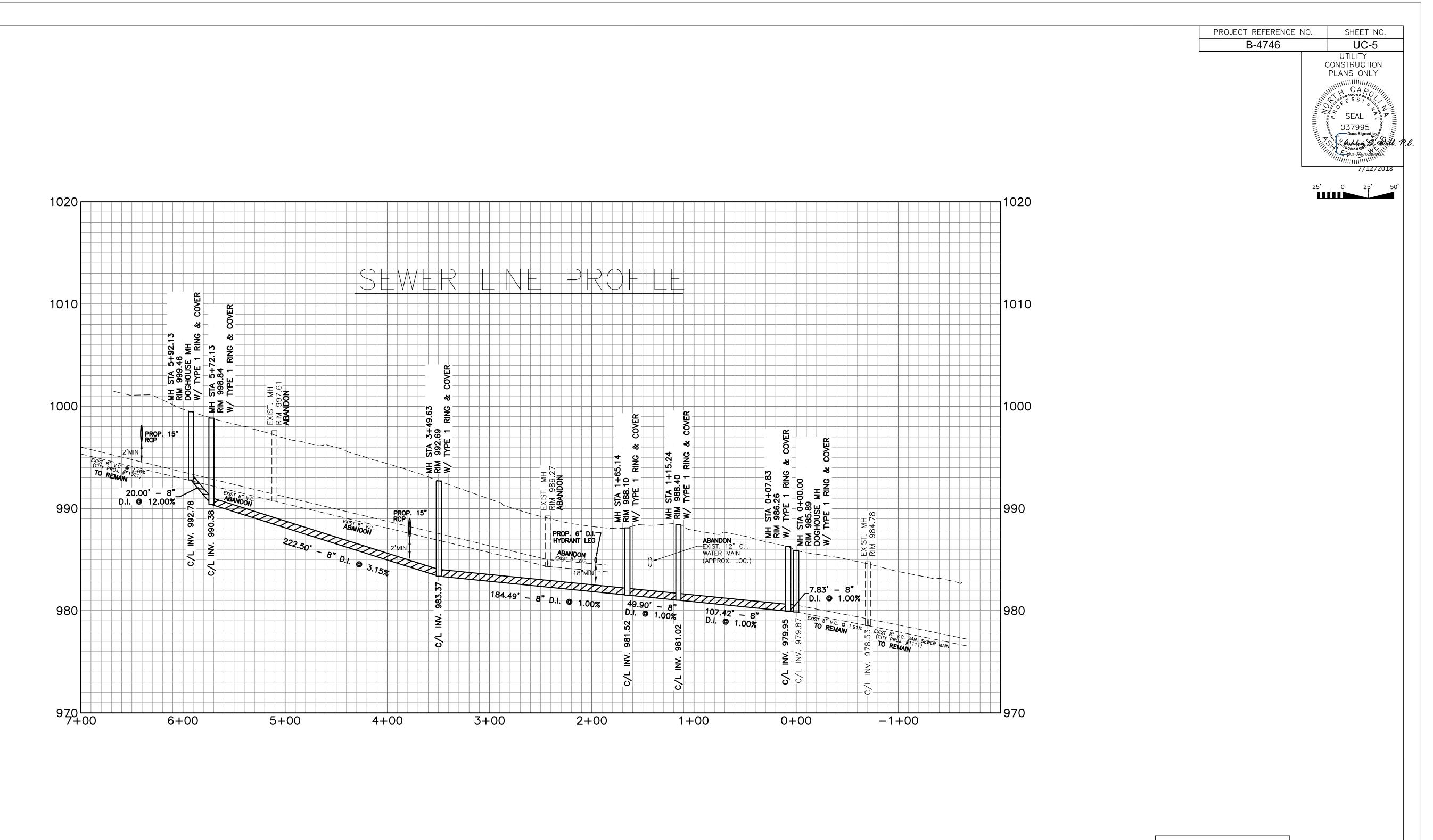


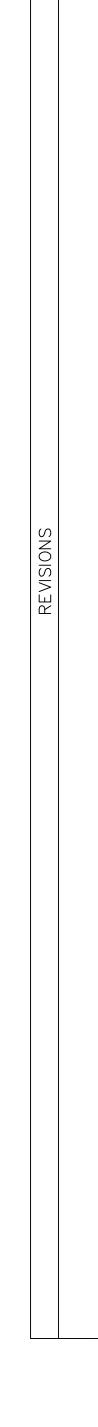
## Stub Out Installation











NOTE : FOR PLAN, SEE SHEET UC-4

12" D.I. WATER MAIN ABANDONMENT – PROJECT 74358

8" D.I. SEWER MAIN RELOCATION – PROJECT 75358

9358