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JACKSON COUNTY UTILITY AUTHORITY WATER AND SEWER STANDARD SPECIFICATIONS

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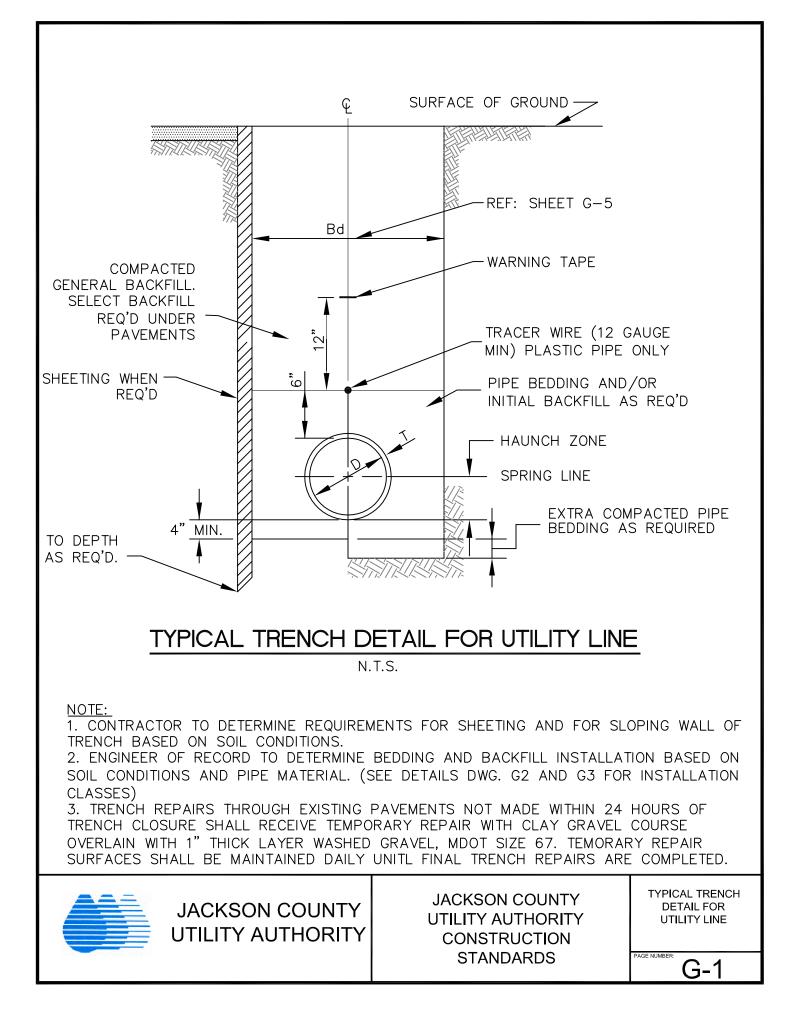
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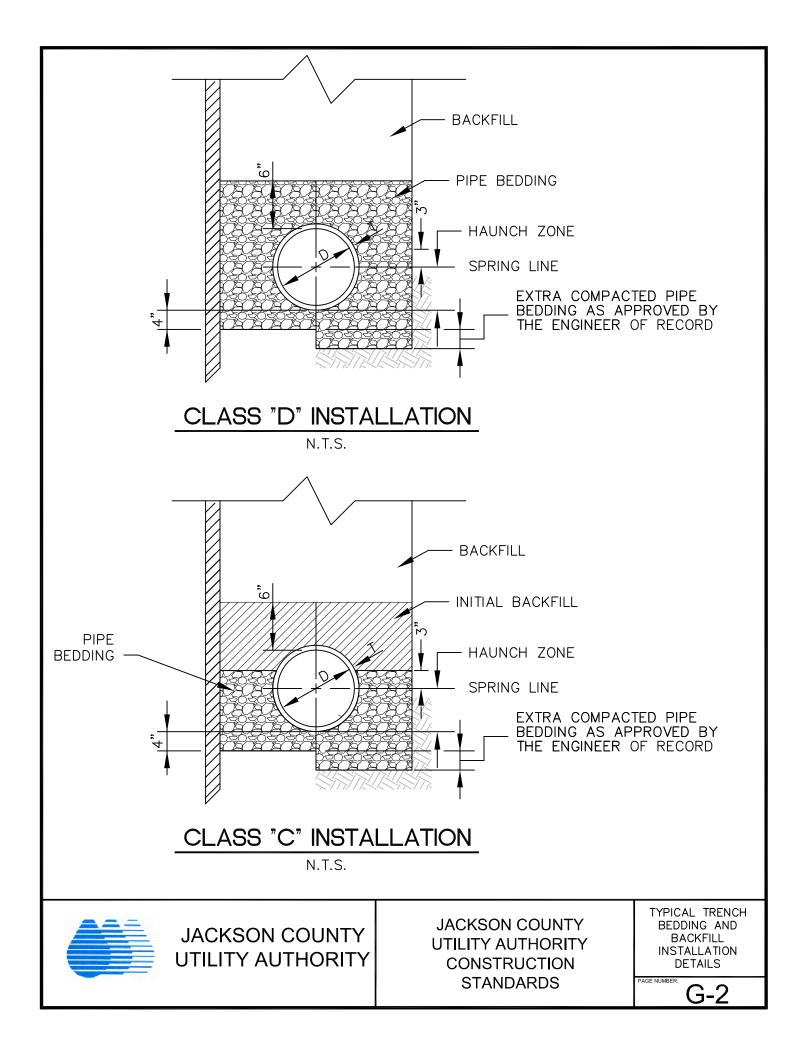
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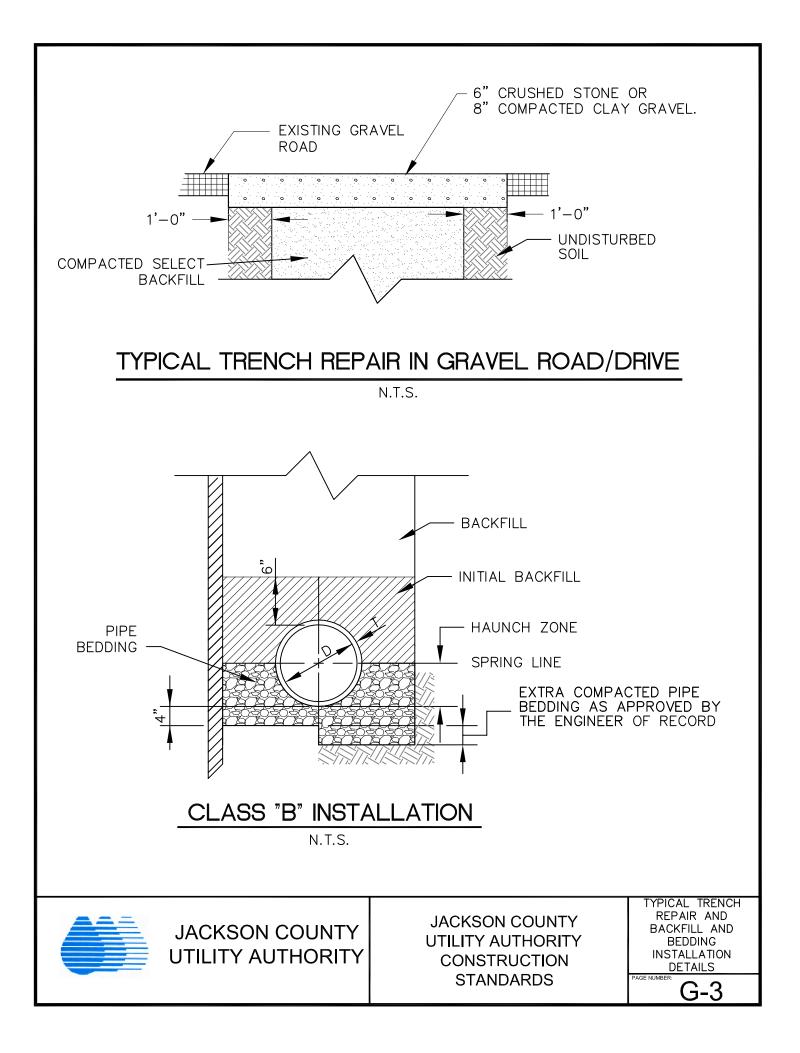
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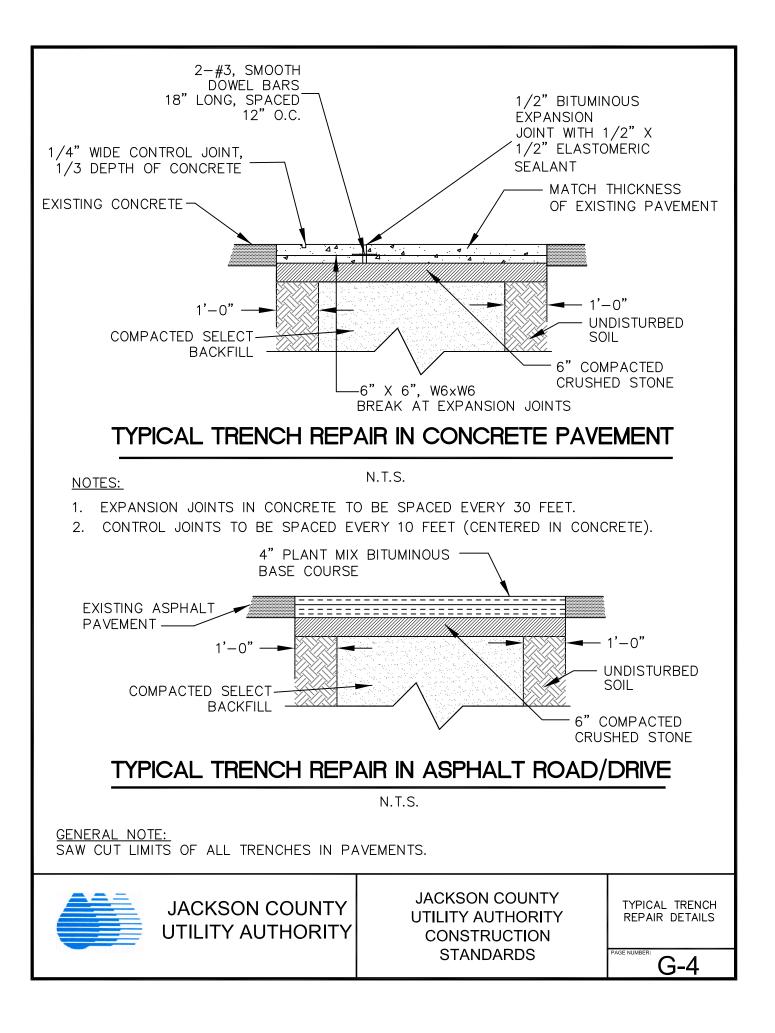
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TRENCH WIDTH TABLE			
PIPE SIZE (IN.)	MAX. TRENCH WIDTH-Bd (FT.)	TRENCH VOLUME PER FOOT OF DEPTH (CY/LF)	
8	3.00	0.111	
10	3.50	0.130	
12	3.50	0.130	
15	4.00	0.148	
18	4.00	0.148	
24	4.50	0.167	
30	5.00	0.185	
36	6.00	0.222	
42	6.50	0.240	
48	7.00	0.259	
54	7.50	0.278	
60	8.00	0.296	
72	9.25	0.343	
78	9.75	0.361	
84	10.50	0.389	

NOTE:

THE TRENCH WIDTH TABLE CAN BE USED TO CALCULATE QUANTITIES FOR ITEMS OF WORK RELATED TO THE PLACEMENT OF PIPE INCLUDING SELECT BACKFILL, FILL, AND TRENCH REPAIR ITEMS.



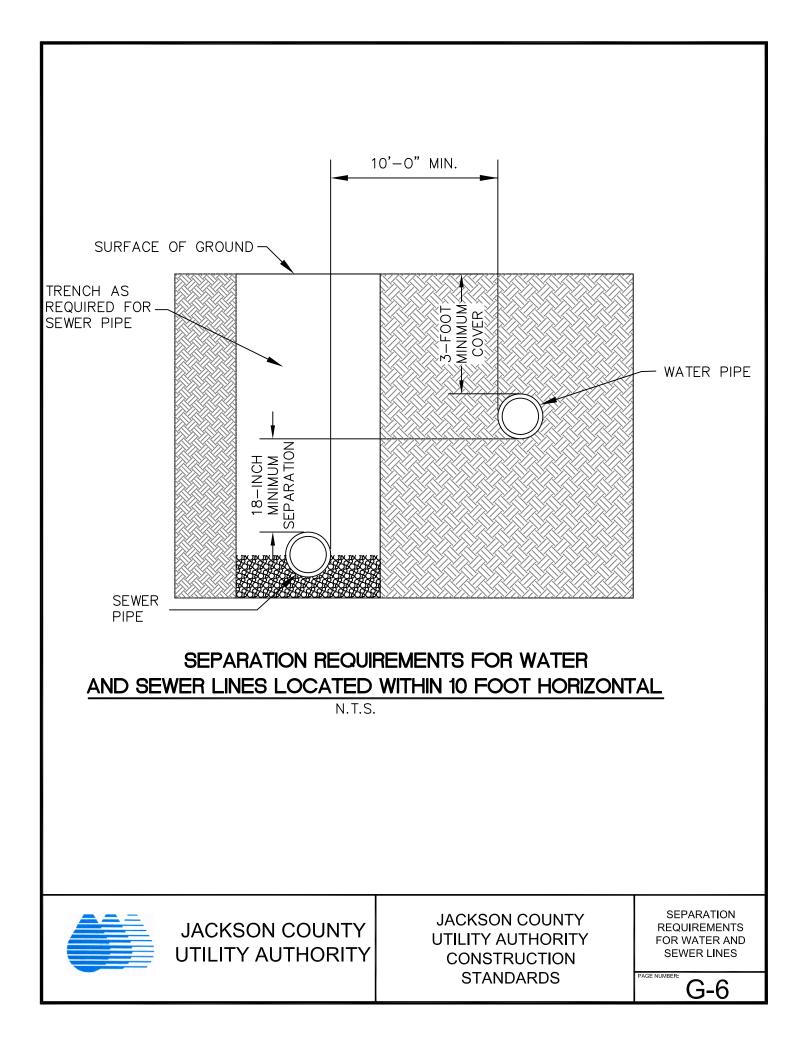
JACKSON COUNTY UTILITY AUTHORITY

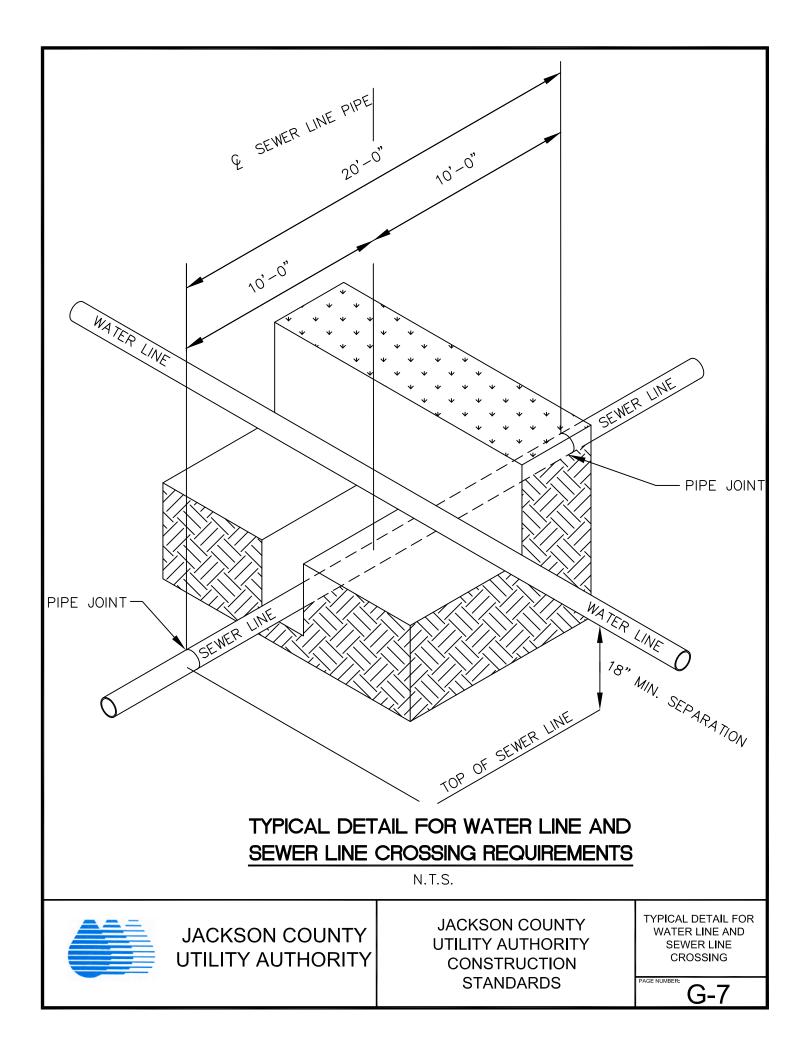
JACKSON COUNTY UTILITY AUTHORITY CONSTRUCTION STANDARDS

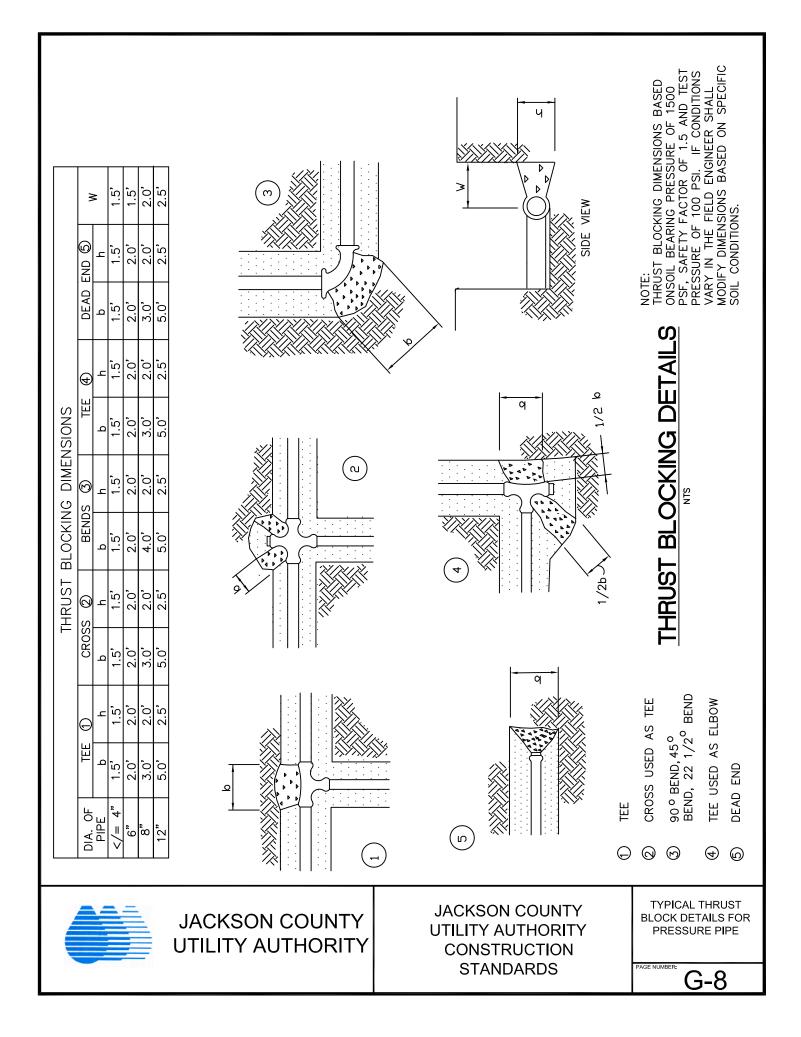
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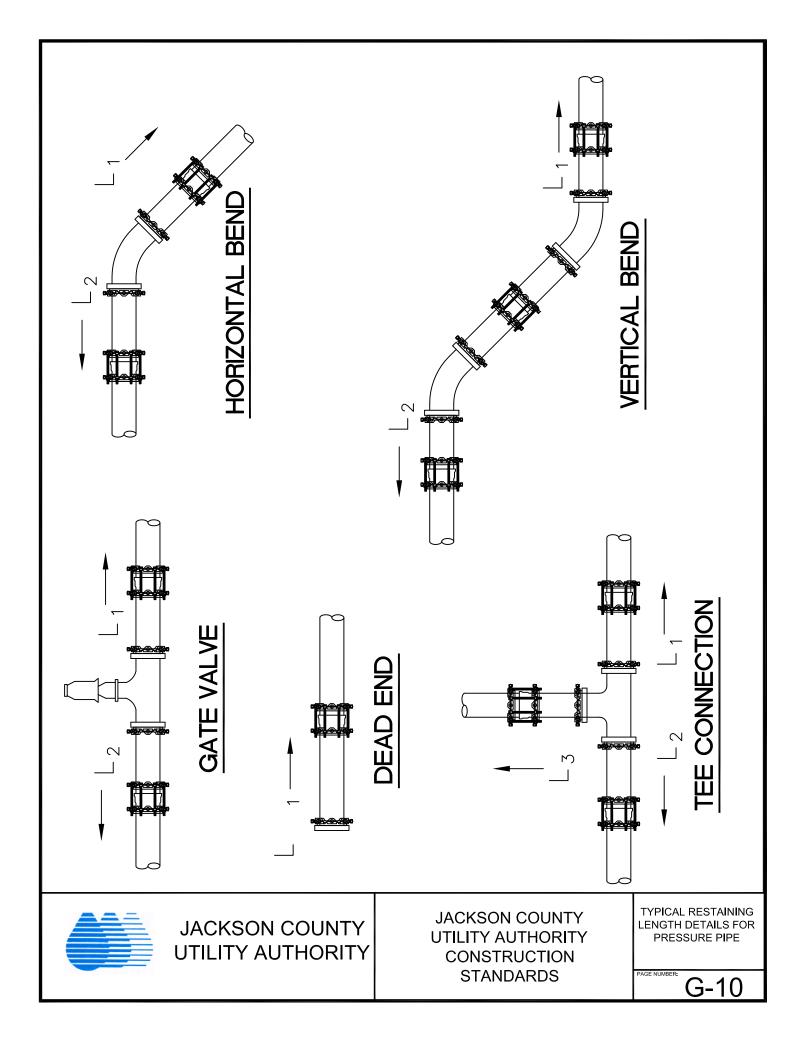


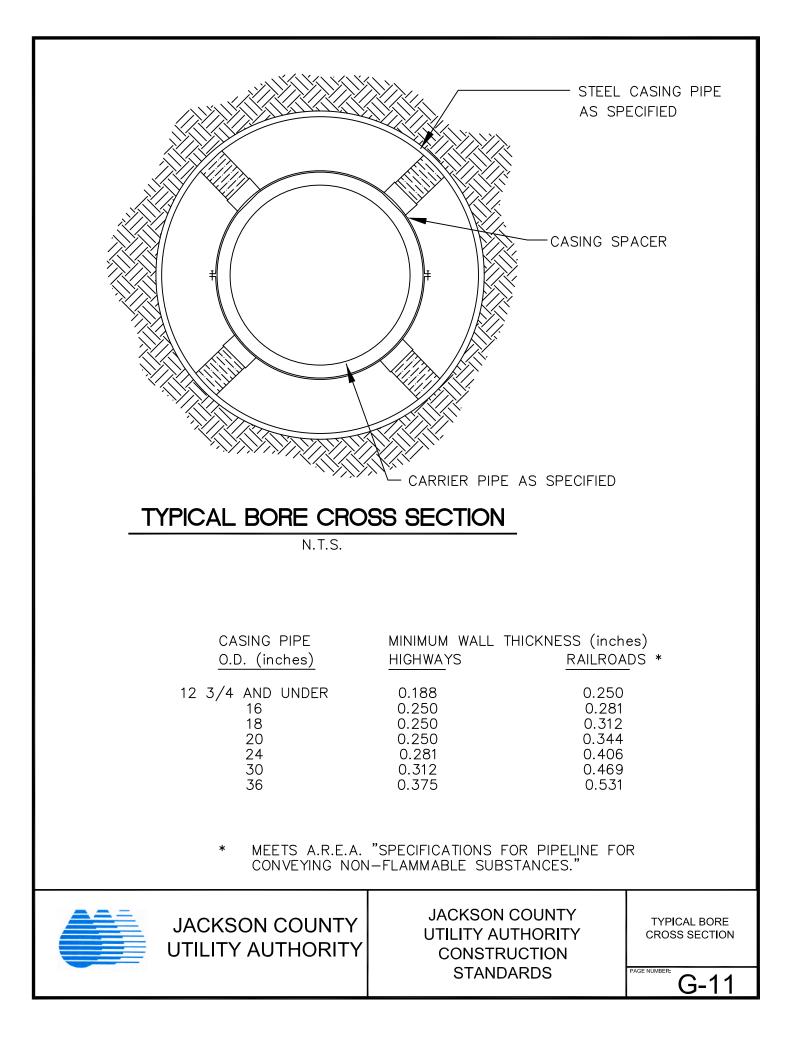


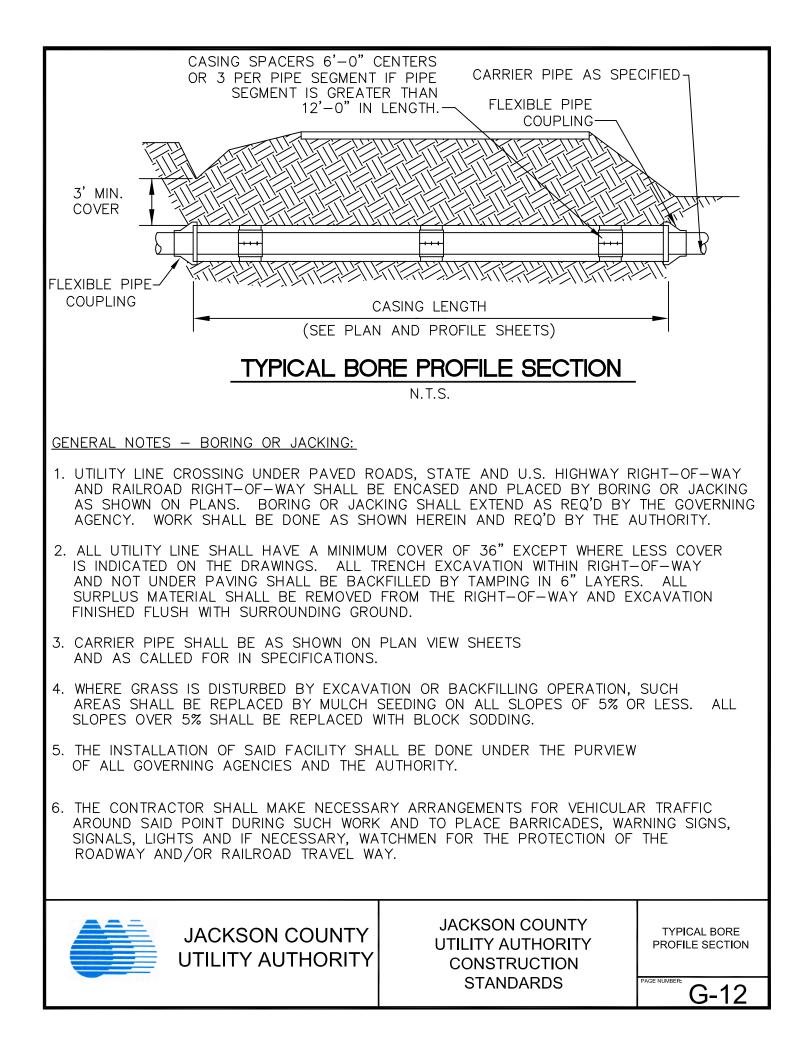


TYPICAL RESTAINING LENGTH CHART FOR PRESSURE PIPE









GENERAL NOTES

CONCRETE NOTES

- 1. CONCRETE SHALL BE AIR ENTRAINED AND HAVE AN ULTIMATE COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS.
- 2. DETAILS, WORKMANSHIP AND GENERAL PROCEDURE SHALL CONFORM TO ACI 318, ACI 315, AND ACI 301 UNLESS OTHERWISE NOTED.
- 3. ALL REINFORCING BARS SHALL BE NEW BILLET STEEL DEFORMED BARS MEETING A.S.T.M. A-615 SPECIFICATIONS, LATEST EDITION, WITH A MINIMUM YIELD STRENGTH OF 60,000 PSI.
- 4. ALL REINFORCEMENT SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH THE A.C.I. DETIALING MANUAL NO. SP-66, LATEST EDITION. ALL HOOKS SHALL BE STANDARD HOOKS UNLESS OTHERWISE NOTED.
- 5. LOCATION AND POSITION OF CONSTRUCTION JOINTS OTHER THAN THAT SHOWN ON THE DRAWINGS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
- 6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE. ALL DISCREPANCIES FOUND SHALL BE REPORTED TO THE ENGINEER BEFORE PROCEEDING WITH WORK.
- 7. ALL EXPOSED CONCRETE SURFACES SHALL HAVE A HAND-RUBBED FINISH.
- 8. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4".
- 9. INTERIOR OF WET WELL AND VALVE BOX SHALL BE COATED WITH 40-60 MIL. WARREN EPOXY COATING SYSTEM.

ALUMINUM HATCH NOTES

- 1. DESIGN LIVE LOAD FOR COVERS = 300 PSF
- 2. ALL COVERS TO HAVE LOCKDOWN DOORS

STRUCTURAL NOTES

- 1. ALL ANCHOR BOLTS SHALL BE TYPE 304 STAINLESS STEEL.
- 2. FABRICATOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.

MECHANICAL NOTES

- 1. PUMPS, CONTROL PANELS, AND ALL ACCESSORIES PERTINENT TO PUMP INSTALLATION SHALL BE PROVIDED BY A SINGLE SUPPLIER TO INSURE CONSISTENCY.
- 2. STATIONS SHALL CONTAIN SUBMERSIBLE PUMPS CAPABLE OF PASSING A MINIMUM 3" DIAMETER SOLID.
- 3. THE DESIGN POINT FOR THE SUBMERSIBLE PUMP SHALL BE DEPEND ON CONDITIONS.
- 4. THE SUBMERSIBLE PUMP INSTALLED SHALL PROVIDE A FACTORY SUPPLIED GUIDE RAIL SYSTEM MEETING MANUFACTURER RECOMMENDATIONS. GUIDE RAIL SYSTEMS SHALL BE STAINLESS STEEL.



JACKSON COUNTY UTILITY AUTHORITY

JACKSON COUNTY UTILITY AUTHORITY CONSTRUCTION STANDARDS

PUMP STATION GENERAL NOTES

PS-'

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