



TABLE OF CONTENTS FOR UTILITY STANDARDS

- US 1 - Table of Contents
- US 1.1 - Becoming an Approved Utility Contractor
- US 2 - Material List
- US 3 - Backfill Material for Rigid and Flexible Pipe W-S
- US 4 - Backfill and Trench Requirements for Water and Sewer
- US 5 - Pipe Encasement Details Water and Sewer
- US 6 - Standard Underground Utility Assignment
- US 7 - Water Details
- US 8 - Thrust Block Details
- US 9 - 1 inch Typical Water Service Connections
- US 10 - 2 inch Typical Water Service Connections- short
- US 11 - 3 inch Compound Meter Vault
- US 12 - 4 inch Compound Meter Vault
- US 13 - One Inch Typical Water Service Connections with Angle Stop
- US 14 - Two Inch Typical Water Service Connections with Angle Stop
- US 15 - 6 inch Meter Vault (for Fire Flow & Domestic Use)
- US 16 - 8 inch Meter Vault (for Fire Flow & Domestic Use)
- US 17 - Fiberglass Manhole Detail
- US 18 - Fiberglass Manhole with Drop Connection
- US 19 - Heavy Duty Manhole Ring and Cover
- US 20 - Manhole Adjustments for New Pavement Construction
- US 20A - Manhole Adjustments for Pavement Re-Construction
- US 21 - Valve Box Adjustment Details
- US 22 - Cleanout Detail for Paved and Unpaved Area
- US 23 - Standard Service Tap and Cleanout Detail for Deep Sewer
- US 24 - Standard Service Tap and Cleanout Detail for Shallow Sewer
- US 25 - Air Release Valve Detail
- US 26 - 24 inch Horizontal Gate Valve and Manhole Detail
- US 27 - 18 inch Horizontal Gate Valve and Manhole Detail
- US 28 - Existing Brick Manhole Demolition Detail
- US 29 - Water and Sewer Crossing Details- Per TCEQ Requirements
- US 30 - Traffic Rated Air Release Valve
- US 31 - Water, Sewer and Underground Franchise Dry Utility Line
Installation Sequence
- US 32 - Water, Sewer and Franchise Dry Utility Lines
Installation Locations
- US 33 - Private Sewer Collection Line
- US 34 - Private Water Distribution Line
- US 35 - Tapping Sleeve and & Tapping Valve Detail