STORM SEWER HIGH DENSITY POLYETHYLENE (HDPE) CORRUGATED PIPE

1. Requirements for Materials, Dimensions, and Acceptance are Those Found in AAPSTTD Specifications M-294.
2. Fittings and Couplings shall be made of Polyethylene Composites Which Shall or Exceed the Requirements Described in ASTM D-3350.
4. All HDPE Corrugated Pipe Shall Have an Integrity Integrated Simultaneously.
5. When and Where Tests Shall Allow the Construction of Overlapping, Basket, or Laminar Joints, Shall Be Made in Accordance with ASTM D-3350:12; Design for Rubber Gaskets Shall Be ANSI Z-49.1.
6. Installation Shall Be in Accordance with AAPSTTD Recommended Practice D-2521.
7. HDPE Pipe less than 12 inches in Diameter or Stiffer than 48 inches in Diameter Shall Be Allowed For Use in The City of Lebanon, Without Written Consent from The City of Lebanon.
8. HDPE Pipe 12 inches through 18 inches in Diameter May Be Used Within The Public Right-Of-Way Subject to The Requirements For Flexible Pipe Ends.
9. Request Permit Reinforcement Concrete End Sections Shall Be Used At Exposed Pipe Ends.

STORM SEWER HDPE PIPE TELEVISION

2. The City Of Lebanon Shall Be Given 48 Hour Written Notice of The Required Television Procedure To Be Performed By The Contractor. A Camera Equipped With Remote Control Devices To Adjust The Light Intensity And 1,000 Linear Foot Inspection Sequence Shall Be Used. The Camera Shall Be Connected Directly To The Television Monitor As It Is Being Pulled Through The Pipe. The Image Shall Be Clear Enough To The City Of Lebanon and Others Viewing The Monitor To Properly Evaluate The Interior Condition Of The Pipe. The Carbon Training Shall Be Made With Cleaning Tape With Lower Footage And Project Number. A Voice-Over Shall Be Made During The Inspection Identifying Any Problems.
3. The Pipe Shall Be Thoroughly Cleaned Before The Camera Is Installed and Television In Commenced.
4. If Any Pipe and/or Joint Is Found To Be Faulty, The Contractor Shall Report That Part Of The Work To The Subcontractor and Approval Of The City Of Lebanon.
5. The TV Type of the Entire Corrugated Pipe and Reproduction Map Indicating That Part Of The Work To The Subcontractor and Approval Of The City Of Lebanon.

STORM SEWER DEFLATION TESTING


STORM SEWER REINFORCED CONCRETE PIPE

1. Reinforced Concrete Pipe Shall Be Class III-III-III-III As Specified in ACI 211.
2. Reinforced Concrete Pipe Shall Be Class HE-IIII-III-III As Specified in ACI 211.
3. Lift Holes Are Not Allowed For Pipe Lays from 24 inches in Diameter or Larger. Lift Holes Shall Be Required According To Most Recent AWWA Standard Specifications.
4. Fittings and Specialty Fittings Shall Be In Accordance With The Specifications For The Type Of Pipe Being Used.
5. Each Section Shall Be Marked With The Date of Manufacture, Size, and Class Of Pipe, Specifications, Designation, Manufacturer, And Plant Identification.
6. Pipe Shall Be Furnished With A Bell Or Groove On One End Of A Unit Of Pipe And A Socket Or Tongue On The Adjacent End Of The Adjoining Pipe. All Joints A Shall Have Groove On The Socket For Placement Of A Rubber Gasket Or Pipe Gasket In Accordance With ACI 211. The Socket Depth Shall Be NotLess Than 1/4" Depth Between The Overlapping Surfaces Of The Assembled Pipe Joint.

STORM SEWER GENERAL NOTES

1. Storm Sewer Pipe Of Other Material Or Material Not Meeting These Specifications Shall Require The Prior Written Approval Of Lebanon Utilities.
2. The Contractor Shall Submit Information To The Utilities Manager Showing Conformance With These Specifications Upon Request.
3. As-Built Drawings Shall Be Submitted To Lebanon Utilities Within 30 Days Of Successful Completion Of Project.
4. Contractor Shall Allow Lebanon Utilities To Inspect The Installation Of The Pipe And Testing Procedure Prior To Proceeding With Backfilling An Open Street. Lebanon Utilities Shall Be Given 24 Hours Notice Of The Contractor’s Plan To Test Storm Sewer Pipings And Structures.
5. The Smallest Permissible Storm Sewer Diameter Is 12 inches.
6. For Storm Sewer Systems For Fire Protection, Compliances With The California Building Code A Shall Be Provided To The Lebanon Storm Water Board For Storm Sewer Systems For Fire Protection.
7. All Projects With Storm Sewer Systems Must Be Approve By The Lebanon Storm Water Board, As Indicated By Signature, Prior To Submit To Lebanon Utilities.
8. As-Built Drawings Shall Be Submitted To Lebanon Utilities For Their Records. Contractor Shall Submit As-Built Drawings Within 30 Days Of Successful Completion Of All Testing Requirements.