



IOWA DEPARTMENT OF NATURAL RESOURCES
WATER SUPPLY ENGINEERING SECTION
CONSTRUCTION PERMIT APPLICATION
SCHEDULE-2b, Water Mains, Specifications

Date Prepared _____

Project Name/Description _____

Date Revised _____

1. For the following, list the page of the specifications (or plans) where the description can be found.

Materials and Construction Details	Materials	Specification or Plan Sheet Page Number
Pipe	PVC	
	DIP	
	PE	
Fittings	Ductile	
Pipe Joints	M.J.	
	Gasket	
Pipe Lining		
Valves	Gate	
Hydrants	Fire	
	Flushing	
Pipe Encasement		
Corrosion Protection Wrap		
Trench Width at Top of Pipe		
Inspection Prior to Laying		
Uniform Bedding and Laying Conditions		
Pipe Cleaning Prior to Joining		
Cutting Procedure		
Temporary Plugging During Construction		
Maximum Pipe Deflection		
Thrust Blocking and Tie Rods		
Water and Sewer Line Separation		
Valve Setting		
Hydrant Setting		
Pressure and Leakage Testing		

Materials and Construction Details	Materials	Specification or Plan Sheet Page Number
Backfilling		
Disinfection		
Valve, Air Relief, Meter and Blow-Off Chamber Construction		
Stream or River Crossing		
Highway Crossing		
Railroad Crossing		

2. If water mains, valves, fittings, etc. are reused, they will be cleaned and restored to meet the above standards in accordance with the specifications on page _____ ☐ N/A