

Table 3.5 – MATERIALS FOR SANITARY WASTE & DRAIN (1) (2) (3)		ABOVEGROUND WITHIN BUILDINGS			
		UNDERGROUND WITHIN BUILDINGS			
		SEWERS OUTSIDE OF BUILDINGS			
1	ABS Pipe and Fittings, Schedule 40 DWV (ASTM D2661)	A	A	A	
2	ABS Pipe - Cellular Core (ASTM F628) and DWV Fittings	A	A	A	
3	ABS Sewer Pipe and Fittings (for sewers outside of buildings) (ASTM D2751) (1)	A	X	X	
4	ABS and PVC Composite Sewer Pipe (ASTM D2680)	A	X	X	
5	Brass Pipe (ASTM B43)	X	X	A	
6	Cast-Iron Soil Pipe and Fittings - Bell and Spigot (ASTM A74)	A	A	A	
7	Cast-Iron Soil Pipe and Fittings - Hubless (CISPI 301, ASTM A888)	A	A	A	
8	Cellular Core PVC Sewer and Drain Pipe (ASTM F891)	A	X	X	
9	Cellular Core PVC Sewer and Drain Pipe (ASTM F891) (4)	X	A	X	
10	Cellular Core PVC DWV Pipe, IPS Schedule 40 (ASTM F891)	A	A	A	
11	Concrete Drain Pipe, Nonreinforced (ASTM C14)	A	X	X	
12	Concrete Drain Pipe, Reinforced (ASTM C76)	X	X	A	
13	Copper Pipe (ASTM B42)	A	A	A	
14	Copper Tube - DWV (ASTM B306) and Copper Drainage Fittings (ASME B16.23)	A	A	A	
15	Copper Water Tube - K,L,M (ASTM B88) and Copper Drainage Fittings (ASME B16.23)	A	A	A	
16	Fiberglass Sewer and Pressure Pipe (ASTM D3754) and Fiberglass Non-Pressure Pipe Fittings (ASTM D3840)	A	X	X	
17	Galvanized Steel Pipe (ASTM A53) and Cast-Iron Drainage Fittings (ASME B16.12)	X	X	A	
18	High-Density Polyethylene (HDPE) Plastic Pipe (ASTM F714) (6)	A	X	X	
19	PVC Pipe and Fittings, DWV (ASTM D2665)	A	A	A	
20	PVC Schedule 40 Drainage and DWV Fabricated Fittings (ASTM F1866)	A	A	A	
21	PVC Sewer Pipe (PS-46) and Fittings (ASTM F789) (2)	A	X	X	
22	PVC Sewer Pipe (PSM) and Fittings (ASTM D3034) (2)	A	X	X	
23	Stainless Steel DWV Systems - Type 316L (ASME A112.3.1) (5)	A	A	A	
24	Stainless Steel DWV Systems - Type 304 (ASME A112.3.1) (5)	X	X	A	
25	Vitrified Clay Pipe - Standard Strength (ASTM C700)	A	X	X	
26	Vitrified Clay Pipe - Extra Strength (ASTM C700)	A	A	X	
		Approved	A	A	A
		Not Approved	X	X	X

**NOTES FOR TABLE 3.5**

- (1) Plastic drain, waste, and vent piping classified by standard dimension ratio shall be SDR 26 or heavier (lower SDR number).
- (2) Plastic sewer pipe classified by pipe stiffness shall be PS-46 or stiffer (higher PS number).
- (3) Piping shall be applied within the limits of its listed standard and the manufacturer's recommendations.
- (4) PS-100 pipe or stiffer (higher PS number).
- (5) Alloy shall be marked on pipe and fittings
- (6) Minimum SDR-17 for trenchless sewer replacement systems.