

Table 2.8.1.1.
Objectives and Functional Statements Attributed
to the Acceptable Solutions in Part 2
 Forming Part of Sentence 2.8.1.1.(1)

Functional Statements and Objectives⁽¹⁾	
2.1.2.1. Sanitary Drainage Systems	
(1)	[F72-OH2.1]
(2)	[F72-OH2.1]
	[F72-OP5]
2.1.2.2. Storm Drainage Systems	
(1)	[F72-OP5]
2.1.2.3. Water Distribution Systems	
(1)	[F46-OH2.2]
2.1.2.4. Separate Services	
(1)	[F71-OH2.1,OH2.3] [F70-OH2.1]
2.1.3.1. Lighting and Ventilation Requirements	
(1)	[F40-OH1.1] Applies to the requirement for ventilation.
	[F30-OS3.1] Applies to the requirement for lighting.
2.1.3.2. Accessibility	
(1)	[F40-OH2.1] [F41-OH2.4] [F71-OH2.3]
	[F82-OH2.1,OH2.2,OH2.3,OH2.4]
	[F71-OH2.3] [F81-OH2.4]
	[F81-OP5]
2.1.4.1. Structural movement	
(1)	[F23,F43-OS3.4]
	[F23-OH1.1]
	[F23-OH2.1,OH2.4]
	[F23-OH5]
	[F43-OH2.1,OH2.4]
	[F43-OH5]
	[F23,F43-OP5]
2.2.1.1. Exceptional conditions	
(1)	[F80-OH2.1,OH2.2,OH2.3,OH2.4]
	[F80-OP5]

(2)	[F80-OH2.1]
	[F80-OP5]
2.2.1.2. Restrictions on Re-Use	
(1)	[F70-OH2.2]
2.2.1.5. Withstanding Pressure	
(1)	[F20,F81-OH2.1,OH2.3] [F46-OH2.2]
	[F20-OP5]
2.2.1.6. Working Pressure of a Water Service Pipe	
(1)	[F20,F81-OH2.3]
	[F20-OP5]
2.2.2.1. Surface Requirement	
(1)	[F41-OH2.4]
2.2.2.2. Conformance to Standards	
(1)	[F80-OH2.1,OH2.4]
	[F80-OS3.1]
2.2.2.3. Showers	
(1)	[F80-OH2.1]
	[F80-OP5]
(2)	[F80-OH2.1]
	[F40-OP5]
(3)	[F45-OH2.1]
(4)	[F45-OH2.1]
2.2.2.4. Concealed Overflows	
(1)	[F41,F81-OH2.1,OH2.4]
2.2.2.5. Water Closets in Public Washrooms	
(1)	[F30-OH2.1,OH2.4]
2.2.3.1. Traps	
(1)	[F81,F40-OH1.1]
(2)	[F81-OH1.1]
	[F81-OP5]
(3)	[F81-OH2.1,OH2.3,OH2.4]
	[F81-OP5]
(4)	[F81-OH1.1]
(5)	[F81-OH1.1]
2.2.3.2. Interceptors	
(1)	[F81-OH2.1,OH2.3,OH2.4]
(2)	[F81-OH2.1,OH2.3,OH2.4] [F46-OH2.2]
(3)	[F80-OH2.1,OH2.3,OH2.4]
(4)	[F81-OH2.1]

(5)	[F80-OH2.1,OH2.3,OH2.4] [F43-OH5]
(6)	[F80-OH2.1,OH2.3,OH2.4]
2.2.3.3. Tubular Traps	
(1)	[F82-OH2.1,OH2.4]
	[F82-OP5]
2.2.4.1. T and Cross Fittings	
(1)	[F81-OH2.1,OH2.4]
(2)	[F81-OH2.1,OH2.4]
2.2.4.2. Sanitary T Fittings	
(1)	[F81-OH2.1,OH2.4]
(2)	[F81-OH2.1,OH2.4]
	[F81-OP5]
2.2.4.3. 90° Elbows	
(1)	[F81-OH2.1,OH2.4]
(2)	[F81-OH2.1,OH2.4]
2.2.5.1. Concrete Pipe and Fittings	
(1)	[F20-OH2.1]
(2)	[F20-OH2.1]
(3)	[F20-OH2.1]
(4)	[F20-OH2.1]
(5)	[F20-OH2.1]
2.2.5.2. Vitrified Clay Pipe and Fittings	
(1)	[F20-OH2.1]
(2)	[F20-OH2.1]
(3)	[F20-OH2.1]
2.2.5.3. Polyethylene Pipe and Fittings	
(1)	[F20-OH2.1,OH2.2,OH2.3]
	[F20-OP5]
(2)	[F20-OP5]
(3)	[F20-OP5]
2.2.5.4. Polyethylene Pipe Used Underground	
(1)	[F72-OH2.1,OH2.3]
2.2.5.5. Crosslinked Polyethylene Pipe and Fittings	
(1)	[F20-OH2.2]
	[F20-OP5]

2.2.5.6. PVC Pipe and Fittings	
(1)	[F20-OH2.1,OH2.2,OH2.3]
	[F20-OP5]
(2)	[F20-OH2.1,OH2.2,OH2.3]
	[F20-OP5]
(3)	[F20-OH2.1,OH2.2,OH2.3]
	[F20-OP5]
(4)	[F20-OP5]
2.2.5.7. CPVC Pipe, Fittings and Solvent Cements	
(1)	[F20-OH2.2,OH2.3,OH2.4]
	[F20-OP5]
(2)	[F20-OP5]
2.2.5.8. Plastic Pipe, Fittings and Solvent Cement Used Underground	
(1)	[F20,F80,F81-OH2.1]
	[F20,F80,F81-OP5]
2.2.5.9. Transition Solvent Cement	
(1)	[F20,F80,F81-OH2.1,OH2.3]
(2)	[F20,F80,F81-OH2.1,OH2.3]
2.2.5.10. Plastic Pipe, Fittings and Solvent Cement Used in Buildings	
(1)	[F20,F80,F81-OH2.1,OH2.3]
2.2.5.11. Polyethylene/Aluminum/Polyethylene Composite Pipe and Fittings	
(1)	[F20,F80,F81-OH2.1,OH2.2,OH2.3]
	[F20-OP5]
(2)	[F20-OP5]
	[F20-OH2.1,OH2.2,OH2.3]
(3)	[F20-OP5]
	[F20-OH2.1,OH2.2,OH2.3]
(4)	[F20-OP5]
	[F20-OH2.1,OH2.2,OH2.3]
2.2.5.12. Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composter Pressure Pipe and Fittings	
(1)	[F20-OH2.1,OH2.2,OH2.3]
	[F20-OP5]
2.2.5.13. Polypropylene Pipe and Fittings	
(1)	[F20-OH2.1,OH2.2,OH2.3]
	[F20-OP5]

2.2.5.14. Better Heat Resistance Polyethylene Pipe and Fittings	
(1)	[F20,F70,F80-OH2.2]
	[F20F70,F80-OP5]
2.2.6.1. Cast-Iron Drainage and Vent Pipe and Fittings	
(1)	[F20-OH2.1,OH2.3]
(2)	[F20-OH2.2]
(3)	[F20-OH2.1,OH2.3]
2.2.6.2. Maintenance Holes and Catch Basins	
(1)	[F81-OH1.1]
	[F20-OS3.1]
2.2.6.3. Treaded Cast-Iron Drainage Fittings	
(1)	[F20-OH2.1,OH2.3]
(2)	[F20-OP5]
2.2.6.4. Cast-Iron Water Pipes	
(1)	[F20-OP5]
	[F20-OH2.1,OH2.2,OH2.3]
(2)	[F80-OH2.2]
(3)	[F20-OP5]
(4)	[F20-OP5]
2.2.6.5. Screwed Cast-Iron Water Fittings	
(1)	[F20-OP5]
(2)	[F80-OH2.2]
(3)	[F81-OH2.1,OH2.3]
2.2.6.6. Screwed Malleable Iron Water Fittings	
(1)	[F81-OP5]
(2)	[F80-OH2.2]
(3)	[F81-OH2.1,OH2.3]
2.2.6.7. Steel Pipe	
(1)	[F80-OH2.1,OH2.3] [F46-OH2.2]
(3)	[F46-OH2.2]
(4)	[F80-OH2.1,OH2.3]
	[F80-OP5]
2.2.6.8. Corrugated Steel Pipe and Couplings	
(1)	[F80-OP5]
(2)	[F81-OP5]
(3)	[F81-OP5]
2.2.6.9. Sheet Metal Leaders	
(1)	[F80-OP5]

2.2.6.10. Stainless Steel Pipe	
(1)	[F80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
(2)	[F80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
2.2.6.11. Stainless Steel Butt Weld Pipe Fittings	
(1)	[F80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
(2)	[F80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
2.2.6.12. Stainless Steel Pipe Flanges	
(1)	[F80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
(2)	[F80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
2.2.6.13. Stainless Steel Threaded Fittings	
(1)	[F80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F20-OP5]
(2)	[F80-OH2.1] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46,F80-OH2.2] Applies to <i>water systems</i> .
	[F20-OP5]
2.2.6.14. Stainless Steel Tube	
(1)	[F46-OH2.2]
	[F80-OP5]
(2)	[F46-OH2.2]
	[F80-OP5]
2.2.6.15. Stainless Steel Pipe and Tube	
(1)	[F80-OH2.1,OH2.2,OH2.3]
2.2.7.1. Copper And Brass Pipe	
(1)	[F80-OH2.1,OH2.3] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
(2)	[F80-OH2.1,OH2.3] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]

2.2.7.2. Brass or Bronze Pipe Flanges and Flanged Fittings	
(1)	[F80-OH2.1,OH2.3] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
2.2.7.3. Brass or Bronze Threaded Water Fittings	
(1)	[F80-OP5]
(2)	[F80-OH2.1,OH2.3]
2.2.7.4. Copper Tube	
(1)	[F80-OH2.1,OH2.3] Applies to <i>drainage systems</i> and <i>venting systems</i> . [F46-OH2.2] Applies to <i>water systems</i> .
	[F80-OP5]
(2)	[F80-OH2.1,OH2.2,OH2.3]
(3)	[F80-OH2.1,OH2.4]
2.2.7.5. Solder-Joint Drainage Fittings	
(1)	[F80-OH2.1,OH2.4]
(2)	[F20-OP5]
2.2.7.6. Solder-Joint Water Fittings	
(1)	[F20-OP5]
(2)	[F20-OP5]
2.2.7.7. Flared-Joint Fittings for Copper Water Systems	
(1)	[F20-OP5]
(2)	[F20-OP5]
2.2.7.8. Lead Waste Pipe and Fittings	
(1)	[F46,F20-OH2.2,OH2.3]
(2)	[F81-OH2.1,OH2.3,OH2.4]
2.2.7.9. Quick Connection Push-Fit Fittings	
(1)	[F46-OH2.2]
	[F80-OP5]
2.2.8.1. Pipes and Fittings	
(1)	[F80,F81-OH2.1]
	[F80,F81-OS3.2,OS3.4]
2.2.9.1. Cement Mortar	
(1)	[F80-OP5]
	[F80-OH2.1,OH2.3]
2.2.9.2. Solders and Fluxes	
(1)	[F80-OP5]
	[F80-OH2.1,OH2.3]
(2)	[F46-OH2.2]
(3)	[F80-OH2.1,OH2.3]
(4)	[F80-OH2.1,OH2.3]

2.2.10.1. Brass Floor Flanges	
(1)	[F80-OH2.1]
2.2.10.2. Screws, Bolts, Nuts and Washers	
(1)	[F80-OH2.1,OH2.3]
2.2.10.3. Cleanout Fittings	
(1)	[F80-OH2.1,OH2.3] Applies to <i>drainage systems</i> . [F46-OH2.2] Applies to <i>water systems</i> .
(2)	[F80-OH2.1]
2.2.10.4. Mechanical Couplings	
(1)	[F80-OP5]
(2)	[F80-OH2.1,OH2.3]
2.2.10.5. Saddle Hubs	
(1)	[F81-OH2.1,OH2.3]
	[F81-OP5]
2.2.10.6. Supply and Waste Fittings	
(1)	[F80-OP5]
(2)	[F131-OE1.2]
(3)	[F30-OS3.1] [F31-OS3.2]
(4)	[F131-OE1.2]
(5)	[F131-OE1.2]
(6)	[F80-OH2.1,OH2.3]
2.2.10.7. Water Temperature Control	
(1)	[F30,F31,F80-OS3.1,OS3.2]
(2)	[F31,F80-OS3.2]
(3)	[F30,F31,F80-OS3.1,OS3.2]
(4)	[F30,F31,F80-OS3.1,OS3.2]
(5)	[F31,F80-OS3.2]
(6)	[F31-OS3.2]
2.2.10.8. Direct Flush Valves	
(1)	(c) and (d) [F80-OH2.1] [F81-OH2.4]
	(a) and (b) [F80,F81-OP5]
2.2.10.9. Drinking Fountain Bubblers	
(1)	[F40,F46-OH2.4]
(2)	[F41,F46-OH2.2]
(3)	[F41,F46-OH2.2]
2.2.10.10. Back-Siphonage Preventers and Backflow Preventers	
(1)	[F46-OH2.2]
(2)	[F46-OH2.2]

2.2.10.11. Relief Valves	
(1)	[F31-OS3.2]
	[F31-OP5]
2.2.10.12. Reducing Valves	
(1)	[F81-OP5]
2.2.10.13. Hot Water	
(1)	[F46-OH2.2]
	[F80,F81-OP5]
	[F31,F81-OS3.2]
	[F43-OS3.4]
2.2.10.14. Vent Pipe Flashing	
(1)	[F80,F81-OP5]
(2)	[F80,F81-OP5]
2.2.10.15. Water Hammer Arresters	
(1)	[F20,F80-OP5]
2.2.10.16. Air Admittance Valves	
(1)	[F81-OH1.1]
2.2.10.17. Water Treatment Systems	
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
(2)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
(3)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
(4)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
(5)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
2.2.10.18. Backwater Valves	
(1)	[F80-OH2.1]
2.2.10.19. Floor Drains and Shower Drains	
(1)	[F80-OH2.1,OH2.4]
2.2.10.20. Roof Drains	
(1)	[F80-OP5]
	[F80-OS2.1]
2.2.10.21 Trap Seal Primer Devices	
(1)	[F80-OH1.1]
2.2.10.22. Pipe Supports and Hangers	
(1)	[F20-OH2.1]
	[F20-OS3.1]
	[F80-OP5]
2.2.10.23. Floor Drain Trap Seals	
(1)	[F80,F82-OH1.1]
2.2.10.24. Expansion Tanks	
(1)	[F80,F82-OH1.1]
2.2.10.25. Heat Recovery Unit	
(1)	[F80,F82-OH1.1]
2.3.2.1. Caulked Lead Drainage Joints	
(1)	[F80-OH2.1,OH2.3]

(2)	[F80-OH2.1]
(3)	[F81-OH2.1]
(4)	[F81-OH2.1]
2.3.2.2. Wiped Joints	
(1)	[F80,F81-OH2.1]
	[F80,F81-OP5]
(2)	[F80,F81-OH2.1,OH2.2,OH2.3]
(3)	[F80,F81-OH2.1,OH2.2,OH2.3]
2.3.2.3. Screwed Joints	
(1)	[F80,F81-OH2.1,OH2.2,OH2.3]
(2)	[F70-OH2.2]
2.3.2.4. Soldered Joints	
(1)	[F20,F81-OH2.1,OH2.2,OH2.3]
2.3.2.5. Flared Joints	
(1)	[F20,F81-OH2.1,OH2.2,OH2.3]
	[F20,F81-OP5]
(2)	[F20,F81-OH2.1,OH2.2,OH2.3]
	[F20,F81-OP5]
2.3.2.6. Mechanical Joints	
(1)	[F20-OH2.1,OH2.2,OH2.3]
	[F20-OP5]
2.3.2.7. Cold-Caulked Joints	
(1)	[F20,F81-OH1.1] Applies to bell and spigot joints in <i>venting systems</i> .
	[F20,F81-OH2.1,OH2.3] Applies to bell and spigot joints in <i>drainage systems or venting systems</i> .
	[F20,F81-OP5]
(2)	[F20,F81-OH1.1]
	[F20,F81-OP5]
	[F20,F81-OH2.1,OH2.2,OH2.3]
(3)	[F20-OH2.1,OH2.3]
2.3.2.8. Stainless Steel Welded Joints	
(1)	[F20,F81-OH2.1,OH2.2,OH2.3]
(2)	[F20,F81-OH2.1,OH2.2,OH2.3]
2.3.3.1. Drilled and Tapped Joints	
(1)	[F81-OH1.1]
	[F20,F81-OH2.2,OH2.3]
2.3.3.2. Extracted Tees	
(1)	[F81-OH2.1,OH2.3]
	[F20-OP5]

2.3.3.3. Prohibition of Welding of Pipes and Fittings	
(1)	[F20-OH1.1]
	[F20-OH2.1,OH2.2,OH2.3]
(2)	[F80-OH2.2]
	[F80-OP5]
2.3.3.4. Unions and Slip Joints	
(1)	[F81-OH1.1]
	[F81-OH2.1,OH2.3]
(2)	[F81-OH1.1]
	[F81-OH2.1,OH2.3]
2.3.3.5. Increaser or Reducer	
(1)	[F81-OH1.1]
	[F70,F80-OH2.2]
2.3.3.6. Dissimilar Materials	
(1)	[F80-OH1.1]
	[F80-OP5]
	[F80-OH2.1]
2.3.3.7. Connection of Roof Drain to Leader	
(1)	[F21,F81-OP5]
2.3.3.8. Connection of Floor Outlet Fixtures	
(1)	[F80-OH2.1,OH2.3]
(2)	[F80-OH2.1]
(4)	[F20-OH2.1]
	[F20-OS3.1]
(5)	[F81-OH2.1]
(6)	[F21-OH2.1]
2.3.3.9. Expansion and Contraction	
(1)	[F21-OH1.1]
	[F21-OH2.1]
	[F21-OP5]
2.3.3.10. Copper Tube	
(1)	[F20-OH1.1]
	[F20-OP5]
2.3.3.11. Indirect Connections	
(1)	[F81-OH2.2,OH2.4]
(2)	[F81-OH2.2,OH2.4]
2.3.3.12. Copper Joints Used Underground	
(1)	[F20,F80-OP5]
(2)	[F20,F80-OP5]

2.3.4.1. Capability of Support	
(1)	[F20-OH2.1,OH2.4]
	[F20-OS3.1]
	[F20-OP5]
(2)	[F20-OH2.1,OH2.3]
	[F20-OS3.1]
(3)	[F20-OS3.1]
	[F20-OH2.1,OH2.3]
2.3.4.2. Independence of Support	
(1)	[F20-OS3.1]
	[F20-OH2.1,OH2.3]
	[F20-OP5]
2.3.4.3. Insulation of Support	
(1)	[F80-OH2.1,OH2.3]
	[F80-OS3.1]
	[F80-OP5]
(2)	[F80-OH2.1,OH2.3]
	[F80-OS3.1]
	[F80-OP5]
2.3.4.4. Support for Vertical Piping	
(1)	[F20-OH2.1]
	[F20-OS3.1]
(2)	[F20-OH2.1]
	[F20-OS3.1]
	[F20-OP5]
2.3.4.5. Support for Horizontal Piping	
(1)	[F20-OS3.1]
	[F20-OH2.1,OH2.3]
	[F20-OP5]
(2)	[F20-OS3.1]
	[F20-OH2.1]
	[F20-OP5]
(3)	[F20-OP5]
	[F20,F81-OS3.1]
	[F20-OH2.1]
(4)	[F81-OP5]
	[F81-OS3.1]

(5)	[F20,F21-OP5]
	[F20-OS3.1]
	[F20-OH2.1]
(6)	[F20-OP5]
	[F20-OS3.1]
	[F20-OH2.1]
2.3.4.6. Support for Underground Horizontal Piping	
(1)	[F20-OP5]
	[F81-OH2.1]
2.3.4.7. Support for Vent Pipe above a Roof	
(1)	[F81-OS3.1]
	[F81-OP5]
2.3.5.1. Pipe Protection	
(1)	a) [F81-OP5]
	[F81-OH2.1,OH2.3]
2.3.5.2. Isolation from Loads	
(1)	[F81-OH2.1,OH2.3]
	[F81-OP5]
2.3.5.3. Protection from Frost	
(1)	[F81-OP5]
	[F81-OH2.1,OH2.3]
2.3.5.4. Protection from Mechanical Damage	
(1)	[F81-OH2.1,OH2.3]
	[F81-OP5]
(2)	[F81-OH2.1,OH2.3]
	[F81-OP5]
(3)	[F81-OH2.1,OH2.3]
	[F81-OP5]
2.3.5.5. Protection from Condensation	
(1)	[F81-OP5]
2.3.6.1. Tests and Inspection of Drainage or Venting Systems	
(1)	[F81-OH2.1,OH2.3] Applies to <i>drainage systems</i> .
	[F81-OH1.1] Applies to <i>venting systems</i> .
(2)	[F81-OH1.1] Applies to <i>venting systems</i> .
	[F81-OH2.1,OH2.3] Applies to <i>drainage systems</i> .
(3)	[F81-OH1.1]
	[F81-OH2.1,OH2.3]
(4)	[F81-OH1.1] Applies to <i>venting systems</i> .
	[F81-OH2.1,OH2.3] Applies to <i>drainage systems</i> .

(5)	[F81-OH2.1,OH2.3]
2.3.6.2. Tests of Pipes in Drainage Systems	
(1)	[F81-OH2.1,OH2.3]
	[F81-OP5]
(2)	[F81-OH2.1]
2.3.6.3. Tests of Venting Systems	
(1)	[F81-OH1.1]
2.3.6.4. Water Pressure Tests	
(1)	[F81-OH1.1]
	[F81-OH2.1,OH2.3]
(2)	[F81-OH1.1]
	[F81-OH2.1,OH2.3]
2.3.6.5. Air Pressure Tests	
(1)	[F81-OH1.1]
	[F81-OH2.1,OH2.3]
2.3.6.6. Final Tests	
(1)	[F81-OH1.1]
	[F81-OH2.1,OH2.3]
(2)	[F81-OH1.1]
	[F81-OH2.1,OH2.3]
2.3.6.7. Ball Tests	
(1)	[F81-OH2.1,OH2.3]
(2)	[F81-OH2.1,OH2.3]
2.3.6.8. Smoke Tests	
(1)	[F81-OH1.1]
	[F81-OH2.1,OH2.3]
2.3.7.1. Application of Tests	
(1)	[F81-OP5]
(3)	[F81-OP5]
(4)	[F81-OP5]
2.3.7.2. Pressure Tests of Potable Water Systems	
(1)	[F20-OP5]
(2)	[F20,F81-OS3.1]
2.3.7.3. Water Pressure Tests	
(1)	[F81-OP5]
(2)	[F70-OH2.2]

2.4.2.1. Connections to Sanitary Drainage Systems	
(1)	[F72-OH2.1] Applies to <i>fixtures</i> that are <i>directly connected</i> to <i>sanitary drainage systems</i> .
	(a) [F81-OH2.2]
	(b) [F81-OH2.2]
	(c) [F81-OH2.1]
	(d) [F81-OH2.1]
	(e) [F81-OH2.1]
(2)	[F81-OH1.1]
(3)	[F81-OH1.1]
(4)	[F81-OH1.1]
(5)	[F81-OH1.1]
(6)	[F81-OH1.1]
(7)	[F81-OH1.1]
2.4.2.2. Connection of Overflows from Rainwater Tanks	
(1)	[F81-OH2.2]
2.4.2.3. Direct Connections	
(1)	[F81-OH2.2]
(2)	[F81-OH2.1,OH2.4]
(3)	[F81-OH2.4]
2.4.2.4. Toilet Wall Supports	
(1)	[F20,F81-OH2.1,OH2.3]
2.4.3.1. Urinals	
(1)	[F81-OH2.4]
2.4.3.2. Restricted Locations of Indirect Connections and Traps	
(1)	[F81-OH2.1,OH2.4]
2.4.3.3. Equipment Restrictions Upstream of Grease Interceptors	
(1)	[F81-OH2.1]
2.4.3.4. Fixtures Located in Chemicals Storage Locations	
(1)	[F81-OS1.1]
	[F43-OH5]
2.4.3.5. Macerating Toilet Systems	
(1)	[F72-OH2.1]
2.4.3.6. Drains Serving Elevator Pits	
(1)	(a) [F62-OP5]
	(b) [F81-OH2.1]
2.4.3.7. Retention Pits	
(1)	[F60,F61-OH1.1]
(2)	[F81-OH1.1]
	[F81-OH2.1]

(3)	[F81-OH1.1]
(4)	[F81-OH1.1]
(5)	[F40-OH1.1]
	[F30-OS3.1]
(6)	[F81-OH2.1,OH2.3]
	[F81-OP5]
(7)	[F81-OH2.1, OH2.2]
	[F72-OH2.1]
(8)	[F81-OH2.1]
(9)	[F72-OH2.1]
	[F81-OS2.1]
	[F81-OP5]
(10)	[F81-OH1.1]
(11)	[F81-OH2.1]
	[F43-OH1.1]
2.4.4.1. Sewage Treatment	
(1)	[F81-OH2.1]
(2)	[F81-OH2.1]
(3)	[F81-OH2.1]
2.4.4.2. Cooling of Hot Water or Sewage	
(1)	[F81-OH2.1]
2.4.4.3. Interceptors	
(1)	[F81-OH2.1]
(2)	[F81-OS1.1]
	[F43-OH5]
(3)	[F81-OH2.1]
(4)	[F81-OH2.1]
2.4.4.4. Neutralizing and Dilution Tanks	
(1)	[F80-OS3.4]
(2)	[F43-OH5]
	[F80-OH2.1]
2.4.5.1. Traps for Sanitary Drainage Systems	
(1)	[F81-OH1.1]
(6)	[F81-OH1.1]
	[F81-OP5]
2.4.5.2. Traps for Storm Drainage Systems	
(1)	[F81-OH1.1]
(2)	[F81-OH1.1]
(3)	[F81-OP5]

2.4.5.3. Connection of Subsoil Drainage Pipe to a Sanitary Drainage System	
(1)	[F81-OH2.1]
2.4.5.4. Location and Cleanout for Building Traps	
(1)	[F81-OH2.1]
	[F81-OH1.1]
2.4.5.5. Trap Seals	
(1)	[F81-OH1.1]
(2)	[F81-OH1.1]
2.4.6.1. Separate Systems	
(1)	[F81-OH2.1]
(2)	[F81-OH2.1]
(3)	[F81-OH1.1]
2.4.6.2. Location of Soil-or-Waste Pipes	
(1)	[F81-OH2.2]
2.4.6.3. Sumps or Tanks	
(1)	[F81-OH2.1]
(2)	[F81-OH2.1] Applies to the watertightness of sumps or tanks.
	[F81-OH1.1]
(3)	[F81-OH2.1]
(4)	[F81-OH2.1]
(5)	[F81-OH2.1]
(6)	[F81-OH2.1]
(7)	[F81-OH2.1]
(8)	[F81-OH2.1]
	[F43-OH1.1]
2.4.6.4. Protection from Backflow	
(1)	[F81-OH2.1]
	[F81-OH1.1]
(2)	[F81-OH1.1]
	[F81-OH2.1]
(3)	[F81-OH2.1]
(6)	[F81-OH2.1]
2.4.6.5. Mobile Home Sewer Service	
(1)	[F81-OH2.1]
2.4.7.1. Cleanouts for Drainage Systems	
(1)	[F81-OH2.1]
(2)	[F81-OH2.1]
(3)	[F81-OH2.1]
(4)	[F81-OH2.1]

(5)	[F81-OH2.1]
(6)	[F81-OH2.1]
(7)	[F81-OH2.1]
(8)	[F81-OH2.1]
(9)	[F81-OH2.1]
(10)	[F82-OH2.1]
	[F82-OP5]
(11)	[F81-OH2.1]
	[F81-OP5]
(12)	[F62-OH1.1]
	[F72-OH2.3]
2.4.7.2. Size and Spacing of Cleanouts	
(1)	[F81-OH2.1]
(2)	[F81-OH2.1]
(3)	[F81-OH2.1]
(4)	[F81-OH2.1]
(5)	[F81-OH2.1]
(6)	[F81-OH2.1]
2.4.7.3. Manholes	
(1)	[F20-OS3.1]
(2)	(a) and (c) [F81-OH1.1]
	(a) and (c) [F81-OS1.1]
	b) [F20-OS3.1]
(3)	[F30-OS3.1]
(4)	[F81-OH2.1]
2.4.7.4. Location of Cleanouts	
(1)	[F81-OH2.1]
(2)	(a) [F81-OS3.1]
	(b) [F81-OH2.1]
(3)	[F81-OH2.1]
(4)	[F81-OH2.1] Applies to drainage piping.
	[F81-OH1.1] Applies to vent piping.
(5)	[F43-OH2.1]
2.4.8.1. Minimum Slope	
(1)	[F81-OH2.1]
2.4.8.2. Length of Fixture Outlet Pipes	
(1)	[F81-OH1.1]

2.4.9.1. No Reduction in Size	
(1)	[F81-OH2.1]
	[F81-OH1.1]
2.4.9.2. Serving Water Closets	
(1)	[F81-OH2.1]
(2)	[F81-OH2.1]
(3)	[F81-OH2.1]
(4)	[F81-OH2.1]
2.4.9.3. Size of Fixture Outlet Pipes	
(1)	[F81-OH2.1]
(2)	[F81-OH2.1]
(3)	[F81-OP5]
	[F81-OH1.1]
2.4.9.4. Size of Building Drain and Building Sewer	
(1)	[F81-OH2.1]
2.4.9.5. Offset in Leaders	
(1)	[F81-OH2.1,OH2.3]
(2)	[F81-OH2.1]
2.4.10.1. Total Load on a Pipe	
(1)	[F81-OH2.1]
2.4.10.2. Hydraulic Load on a Pipe	
(2)	[F81-OH2.1]
2.4.10.3. Hydraulic Loads from Fixtures with a Continuous Flow	
(1)	[F81-OH2.1]
(2)	[F81-OH2.1]
2.4.10.4. Hydraulic Loads from Roofs or Paved Surfaces	
(1)	[F81-OP5]
	[F20,F81-OS2.1]
(2)	[F20,F81-OP5]
	(a), (d) and (e) [F41,F81-OH2.4]
	(b) and (c) [F20,F81-OS2.1]
(3)	[F20,F81-OP5]
	[F20,F81-OS2.1]
(4)	[F20,F81-OP5]
	[F20,F81-OS2.1]
2.4.10.5. Conversion of Fixture Units to Litres	
(1)	[F81-OH2.1]

2.4.10.6. Hydraulic Loads to Soil-or-Waste Pipes	
(1)	[F72-OH2.1,OH2.3]
(2)	[F72-OH2.1,OH2.3]
2.4.10.7. Hydraulic Loads on Branches	
(1)	[F72-OH2.1,OH2.3]
2.4.10.8. Hydraulic Loads on Sanitary Building Drains or Sewers	
(1)	[F81-OH2.1,OH2.3]
2.4.10.9. Hydraulic Loads on Storm or Combined Building Drains or Sewers	
(1)	[F81-OH2.1,OH2.3]
2.4.10.10. Hydraulic Loads to Roof Gutters	
(1)	[F81-OP5]
2.4.10.11. Hydraulic Loads on Leaders	
(1)	[F81-OP5]
2.4.10.12. Hydraulic Loads from Fixtures with a Semi-continuous Flow	
(1)	[F81-OP5]
2.4.10.13. Design of Storm Sewers	
(1)	[F81-OH2.1]
2.5.1.1. Venting for Traps	
(1)	[F81-OH1.1]
(2)	[F81-OH1.1]
2.5.2.1. Wet Venting	
(1)	[F81-OH1.1]
2.5.3.1. Circuit Venting	
(1)	[F40,F81-OH1.1]
(2)	[F40,F81-OH1.1]
(3)	[F40,F81-OH1.1]
(4)	[F40,F81-OH1.1]
(5)	[F40,F81-OH1.1]
(6)	[F40,F81-OH1.1]
(7)	[F40,F81-OH1.1]
(8)	[F40,F81-OH1.1]
(9)	[F40,F81-OH1.1]
(10)	[F40,F81-OH1.1]
(11)	[F40,F81-OH1.1]
2.5.4.1. Stack Vents	
(1)	[F40,F81-OH1.1]

2.5.4.2. Vent Stacks	
(1)	[F40,F81-OH1.1]
(3)	[F40,F81-OH1.1]
(4)	[F40,F81-OH1.1]
2.5.4.3. Yoke Vents	
(1)	[F40,F81-OH1.1]
(2)	[F40,F81-OH1.1]
(3)	[F40,F81-OH1.1]
(4)	[F40,F81-OH1.1]
2.5.4.4. Offset Relief Vents	
(1)	[F40,F81-OH1.1]
2.5.4.5. Fixtures Draining into Vent Pipes	
(1)	[F40,F81-OH1.1]
2.5.5.1. Venting of Sewage Sumps	
(1)	[F40,F81-OH1.1]
2.5.5.2. Venting of Oil Interceptors	
(1)	[F40,F81-OS1.1]
	[F72,F81-OH2.1,OH2.3]
	[F40,F81-OH1.1]
(2)	[F40,F81-OS1.1]
	[F40,F81-OH1.1]
(3)	[F40,F81-OS1.1]
(4)	[F40,F81-OS1.1]
(5)	[F40,F81-OS1.1]
2.5.5.3. Venting of Drain Piping and Dilution Tanks for Corrosive Waste	
(1)	[F80,F81-OS3.4]
2.5.5.4. Fresh Air Inlets	
(1)	[F81-OH1.1]
2.5.5.5. Provision for Future Installations	
(1)	[F81-OH1.1] Applies to <i>venting systems</i> .
	[F81-OH2.1,OH2.3] Applies to <i>drainage systems</i> .
(2)	[F40,F81-OH1.1]
2.5.6.1. Drainage of Vent Pipes	
(1)	[F81-OH1.1]
	[F81-OS1.1]

2.5.6.2. Vent Pipe Connections	
(1)	[F81-OH1.1]
(2)	[F81-OH1.1]
(3)	[F40,F81-OH1.1]
(4)	[F43-OS3.4,OH1.1]
2.5.6.3. Location of Vent Pipes	
(1)	[F81-OH1.1]
(2)	[F81-OH2.1,OH2.3]
(3)	[F81-OH1.1]
(4)	[F40,F81-OH1.1]
2.5.6.4. Connection of Vents above Fixtures Served	
(1)	[F81-OH1.1]
(2)	[F81-OH1.1]
2.5.6.5. Terminals	
(1)	[F81-OH1.1]
(2)	[F81-OH1.1]
(3)	[F81-OH1.1]
(4)	[F81-OH1.1]
(5)	[F81-OH1.1]
(6)	[F81-OH1.1]
2.5.7.1. General	
(1)	[F81-OH1.1]
2.5.7.2. Size Restriction	
(1)	[F81-OH1.1]
(2)	[F81-OH1.1]
2.5.7.3. Additional Circuit Vents and Relief Vents	
(1)	[F81-OH1.1]
(2)	[F81-OH1.1]
2.5.7.4. Offset Relief Vents	
(1)	[F81-OH1.1]
2.5.7.5. Yoke Vents	
(1)	[F81-OH1.1]
2.5.7.6. Vent Pipes for Manholes	
(1)	[F81-OH2.1]
2.5.7.7. Vents for Sewage Sumps, Dilution Tanks and Macerating Toilet Systems	
(1)	[F81-OH2.1]
(2)	[F81-OH2.1]
(3)	[F81-OH1.1]

2.5.8.1. Hydraulic Loads Draining to Wet Vents	
(1)	[F81-OH1.1]
2.5.8.2. Individual Vents and Dual Vents	
(1)	[F81-OH1.1]
2.5.8.3. Branch Vents, Vent Headers, Continuous Vents and Circuit Vents	
(1)	[F81-OH1.1]
2.5.8.4. Vent Stacks or Stack Vents	
(3)	[F81-OH1.1]
(4)	[F81-OH1.1]
2.5.9.2. Air Admittance Valves	
(1)	[F40,F81-OH1.1]
(2)	[F40,F81-OH1.1]
2.5.9.3. Installation Conditions	
(1)	[F40,F81-OH1.1]
(2)	[F40,F81-OH1.1]
(3)	[F40,F81-OH1.1]
(4)	[F40,F81-OH1.1]
(5)	[F40,F81-OH1.1]
2.6.1.1. Design	
(1)	[F31-OS3.2]
(2)	[F71-OH2.3]
(3)	[F40-OH1.1]
(4)	[F40-OH1.1]
2.6.1.2. Drainage	
(1)	[F81-OP5]
2.6.1.3. Shut-off Valves	
(1)	[F81-OP5]
(2)	[F81-OP5]
(3)	[F81-OP5]
(4)	[F81-OP5]
(5)	[F70,F72-OH2.1,OH2.3]
(6)	[F70,F72-OH2.1,OH2.3]
(7)	[F70,F81-OH2.1,OH2.3]
2.6.1.4. Protection for Exterior Water Supply	
(1)	[F81-OP5]
2.6.1.5. Check Valves	
(1)	[F20,F81-OP5]

2.6.1.6. Flushing Devices	
(1)	[F72-OH2.1]
(2)	[F72-OH2.1]
(3)	[F130-OE1.2]
(4)	[F81-OH2.1]
(5)	[F130-OE1.2]
2.6.1.7. Relief Valves	
(1)	[F31,F81-OS3.2]
(2)	[F81-OS3.1,OS3.2]
(4)	(a) [F31-OS3.2] [F81-OS1.1] (b) [F81-OS3.1,OS3.2]
(5)	[F31-OS3.2]
	(b) [F81-OH2.2] Applies to the size of <i>air breaks</i> .
(6)	[F31-OS3.2]
(7)	[F31-OS3.2]
(8)	[F81-OS3.2]
(9)	[F81-OP5]
(10)	[F81-OP5]
2.6.1.8. Solar Domestic Hot Water Systems	
(1)	[F31-OS3.2] [F81-OS3.4]
	[F70-OH2.2]
2.6.1.9. Water Hammer	
(1)	[F20,F81-OS3.2]
	[F20,F81-OP5]
2.6.1.10. Mobile Home Water Service	
(1)	[F71,F70,F46-OH2.2,OH2.3]
2.6.1.11. Thermal Expansion	
(1)	[F20,F81,F46-OP5]
2.6.1.12. Service Water Heaters	
(1)	[F40-OS3.4]
(2)	[F30,F31-OS3.1,OS3.2] [F46-OH1.1]
2.6.2.1. Connection of Systems	
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
(2)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
(3)	[F70,F81,F82-OH2.2,OH2.3]
2.6.2.2. Back-Siphonage	
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
(2)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]

2.6.2.3. Backflow Caused by Back Pressure	
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
(2)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
(3)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
2.6.2.4. Backflow from Fire Protection Systems	
(2)	[F46,F70,F81-OH2.1,OH2.2,OH2.3]
(3)	[F46,F70,F81-OH2.1,OH2.2,OH2.3]
(4)	[F46,F70,F81-OH2.1,OH2.2,OH2.3]
2.6.2.5. Separation of Water Supply Systems	
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
2.6.2.6. Premise Isolation	
(1)	[F70,F81,F82-OH2.1,OH2.2,OH2.3]
2.6.2.7. Hose Bibb	
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
2.6.2.8. Cleaning of Systems	
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
2.6.2.9. Air Gap	
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
(2)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
2.6.2.10. Vacuum Breakers	
(2)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
(3)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
(4)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
2.6.2.11. Tank-Type Water Closets	
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
2.6.2.12. Backflow Preventers	
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
2.6.2.13. Personal Hygiene Devices	
(1)	[F70,F81,F46-OH2.1,OH2.2,OH2.3]
2.6.3.1. Design, Fabrication and Installation	
(1)	[F71,F72-OH2.1,OH2.3]
(2)	[F72-OH2.1] [F70-OH2.2] [F71-OH2.3]
(3)	[F81,F81-OS1.4]
	[F70,F71-OH2.1,OH2.3]
	[F81-OP5]

2.6.3.2. Hydraulic Load	
(1)	[F71,F72-OH2.1,OH2.3]
(2)	[F71,F72-OH2.1,OH2.3]
(3)	[F71,F72-OH2.1,OH2.3]
(4)	[F81-OH2.1,OH2.2]
2.6.3.3. Static Pressure	
(1)	[F81-OS3.2]
2.6.3.4. Size	
(1)	[F71,F72-OH2.1,OH2.3]
(2)	[F71,F72-OH2.1,OH2.3]
(3)	[F71,F72-OH2.1,OH2.3]
(4)	[F81-OH2.3]
(5)	[F71,F72-OH2.1,OH2.3]
2.6.3.5. Velocity	
(1)	[F81-OH2.1,OH2.3]
	[F81-OP5]
	[F81-OS3.1]
2.7.1.1. Not Permitted	
(1)	[F46-OH2.2]
2.7.2.1. Markings Required	
(1)	[F46-OH2.2]
2.7.3.1. Pipes	
(1)	[F46-OH2.2]
2.7.3.2. Outlets	
(1)	[F46-OH2.2]
2.7.4.1. Non-potable Water Systems Design	
(1)	[F81-OH2.1]
(2)	[F82-OH2.2]

⁽¹⁾ See Parts 2 and 3 of Division A.