



**SCHOOL DISTRICT PALM BEACH COUNTY  
BUILDING CODE SERVICES  
PLAN REVIEW CHECKLIST -- PLUMBING**

3661 Interstate Park Road North  
Riviera BEACH, FLORIDA 33404  
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<https://fl50010848.schoolwires.net/Page/1555>

PROJECT NAME: \_\_\_\_\_ DATE \_\_\_\_\_  
PROJECT NUMBER: \_\_\_\_\_ REVIEWER \_\_\_\_\_

*The intent of this checklist is to act as a tool for the District Plan Reviewers to review construction plans and specification of projects submitted for permitting by the Building Department. Architects and Engineers are encouraged to use this document as a tool to prepare construction plans and specifications for District projects.*

*The codes references in the checklist are Florida Building Code (FBC), District Design Criteria (DDC), Florida Administrative Code (FAC), Florida Statutes (FS), and National Fire Prevention Association Codes (NFPA).*

**Phase I – Schematic Design (Not Required)**

OK, Comment, or N/A	Item	Code Reference

**Phase II –Design Development (Not Required)**

OK, Comment, or N/A	Item	Code Reference

**PLUMBING– "Phase III" Plans (Final Construction Documents)**

**General**

OK, Comment, or N/A	Item	Code Reference
	Plans are signed and sealed	471, 481 FS
	All documentation listed in design guideline BD-02 is submitted.	Design Guideline BD-02
	Index represents all sheets submitted, revision numbers and revision dates match those shown on each drawing sheet.	District Requirement
	Plan content matches the referenced specifications	District Master Specifications
	Plans comply with the District Design Criteria	District Plumbing Design Criteria
	Junction boxes, valve boxes, in and near play fields for future portable classrooms.	District Requirement

	No plumbing in elevator shaft or elevator equipment room.	301.6 FBCP																
	Openings for pipes in the structure are sealed and protected.	304.4 FBCP																
	Sleeves – Pipes passing through concrete or cinder walls and floors shall be protected against external corrosion by protective sheathing, wrapping or other means.	305.1 FBCP																
	Pipes are supported in accordance with Table 308.5. (Example below)	308.5 FBCP																
	<table border="1"> <thead> <tr> <th>Piping Material</th> <th>Horizontal Spacing</th> <th>Vertical Spacing</th> </tr> </thead> <tbody> <tr> <td>PVC</td> <td>4</td> <td>10</td> </tr> <tr> <td>Steel</td> <td>12</td> <td>15</td> </tr> </tbody> </table>		Piping Material	Horizontal Spacing	Vertical Spacing	PVC	4	10	Steel	12	15							
Piping Material	Horizontal Spacing		Vertical Spacing															
PVC	4	10																
Steel	12	15																
	Plumbing fixtures are provided for type of occupancy in minimum numbers per table 403.1. (Example below).	403.1 FBCP																
	<table border="1"> <thead> <tr> <th rowspan="2">Occupancy</th> <th colspan="2">Water Closets</th> <th rowspan="2">Lavatories</th> <th rowspan="2">Bathtubs/ Showers</th> <th rowspan="2">Drinking Fountain</th> <th rowspan="2">other</th> </tr> <tr> <th>Male</th> <th>Female</th> </tr> </thead> <tbody> <tr> <td>Educational</td> <td>1 per 50</td> <td></td> <td>1 per 50</td> <td>-</td> <td>1 per 100</td> <td>1 Service Sink</td> </tr> </tbody> </table>		Occupancy	Water Closets		Lavatories	Bathtubs/ Showers	Drinking Fountain	other	Male	Female	Educational	1 per 50		1 per 50	-	1 per 100	1 Service Sink
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**Accessible Plumbing Fixtures**

OK, Comment, or N/A	Item	Code Reference
	Where required, accessible plumbing facilities and fixtures shall be provided in accordance with the Florida Building Code, Accessibility. Verify that the ADA dimensions shown on architectural plans agree with the water closet lavatory fixture heights on the plumbing fixture schedule.	404.1 FBCP

**Automatic Clothes Washers**

OK, Comment, or N/A	Item	Code Reference
	The water supply to the clothes washer is protected against backflow	406.1 FBCP
	The waste from an automatic clothes washer is through an air break into a standpipe in accordance with P 802.4.	406.2 FBCP

**Dishwashing Machines**

OK, Comment, or N/A	Item	Code Reference
	The water supply to a commercial dishwashing machine is protected against backflow	409.2 FBCP
	Waste connection from an commercial dishwashing machine is through an air gap or air break into a standpipe or waste receptor in accordance with 802.1.6	409.3 FBCP

**Commercial Food Waste Grinder**

OK, Comment, or N/A	Item	Code Reference
	Commercial food waste grinders are connected to a minimum 1-1/2" diameter drain and trapped separately from any other fixtures or sink compartments.	416.3 FBCP

### Garbage Can Washer

OK, Comment, or N/A	Item	Code Reference
	The water supply to a garbage can washer is protected against backflow by an air gap or backflow preventer.	417.1 FBCP

### Water Heaters

OK, Comment, or N/A	Item	Code Reference
	Water heaters are ASME HLW-stamped equipment which classifies them as hot water heaters and not boilers. The HLW stamp precludes operation above 400,000 btuh, 210 deg F, limits fired tank size to under 120 gallons, reduces risk, and does not require regular boiler inspections.	ASME HLW, 69A-51 FAC
	A drain valve is installed at the bottom of each tank-type water heater and hot water storage tank.	501.3 FBCP
	The hot water supply for the kitchen shall be sized to provide 140 deg F water to the pot sinks and the dishwasher. The booster heater in the dishwasher shall be capable of producing 180 deg F water for dishwashing.	District Plumbing Design Criteria C.5.b and C.5.c
	Bottom-fed water heaters and bottom-fed tanks connected to water heaters have a vacuum relief valve.	504.2 FBCP
	Hot water supplied to hand wash sinks or lavatories in toilet rooms shall be controlled by a mixing valve to limit temperature not to exceed 110 deg F nor be less than 95 deg F.	468.3.5.12 FBCB
	A separate switch is provided to terminate the energy supplied to electric hot water supply systems. A separate valve shall be provided to shut off the energy fuel supply to all other types of hot water systems.	504.3 FBCP
	All storage water heaters operating above atmospheric pressure have an approved self-closing (levered) pressure relief valve and temperature relief valve or combination thereof.	504.4 FBCP
	The outlet of pressure, temperature, or other relief valves shall not be directly connected to the drainage system.	504.6 FBCP

### Water Supply

OK, Comment, or N/A	Item	Code Reference
	The water service pipe size is not less than ¾".	603.1 FBCP
	The water service pipe and the building sewer are separated by 5' (1524 mm) of undisturbed or compacted earth.	603.2 FBCP
	The maximum water consumption flow rates and quantities for all plumbing fixtures and fixture fittings are in accordance with Table 604.3.	604.3 FBCP
	Protection by reduced pressure principle backflow prevention assembly is provided on all non-potable water outlets such as automatic fire sprinklers, standpipe systems and chilled water systems.	608.16.4 FBCP
	Sillcocks, hose bibbs, wall hydrants, and other openings with a hose connection are protected by an atmospheric-type or pressure-type vacuum breaker or a permanently mounted hose connection vacuum breaker.	608.16.4.2 FBC

### Sanitary Drainage

OK, Comment, or N/A	Item	Code Reference								
	The campus is connected to a public sewer or an approved private sewage disposal system.	701.2 FBCP								
	The campus is on a separate connection with the sewer for other properties. Where located on the same lot, multiple buildings may connect to a common building sewer that connects to the public sewer.	701.3 FBCP								
	The chemical waste that may be detrimental to the public sewer shall be treated in accordance with Section 803.2 before discharging to the sanitary drainage system.	701.5 FBCP								
	The drainage system for chemical waste and vent pipes shall be completely separated from the sanitary drainage system and shall be of an approved material resistant to corrosion and degradation for the concentration of chemicals involved.	702.6 FBCP								
	Horizontal drainage piping is shown in uniform alignment at uniform slopes, with a minimum slope per table P704.1	704.1 FBCP								
	<table style="margin: auto; border: none;"> <tr> <td style="text-align: left; padding-right: 20px;"><u>Size (inches)</u></td> <td><u>Horizontal Spacing (inch per foot)</u></td> </tr> <tr> <td>2 ½ or less</td> <td>1/4</td> </tr> <tr> <td>3 to 6</td> <td>1/8</td> </tr> <tr> <td>8 or larger</td> <td>1/16</td> </tr> </table>		<u>Size (inches)</u>	<u>Horizontal Spacing (inch per foot)</u>	2 ½ or less	1/4	3 to 6	1/8	8 or larger	1/16
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### Cleanouts

OK, Comment, or N/A	Item	Code Reference
	Horizontal drains have cleanouts located not more than 100' apart.	708.1.1 FBCP
	Building sewers have cleanouts located not more than 100' apart measured from the upstream entrance of the cleanout	708.1.2 FBCP
	There is a cleanout near the junction of the building drain and the building sewer.	708.1.3 FBCP
	Cleanouts are installed at each change of direction of the building drain or horizontal waste or soil lines greater than 45°. (When more than one change of direction in a run of piping, only one cleanout is required for each 40' of developed length of drainage piping.)	708.1.4 FBCP
	Cleanouts are the same nominal size as the pipe they serve up to 4". Pipes >4" nominal size, the minimum size of the cleanout is 4".	708.1.5 FBCP

### Drainage System Sizing

OK, Comment, or N/A	Item	Code Reference
	The maximum number of <b>drainage fixture units</b> connected to a given size of building sewer, building drain, or horizontal branch meets the requirements of Table 710.1(1).	710.1 FBCP

### Sumps and Ejectors

OK, Comment, or N/A	Item	Code Reference
	<b>Building subdrains</b> that cannot discharge into the public sewer by gravity shall discharge into a tightly covered and vented sump, and then to a gravity line to the public sewer.	712.1 FBCP
	There is an accessible <b>gate valve</b> on the discharge side of the <b>check valve</b> in the pump or ejector discharge piping between the pump or ejector and the gravity drainage system.	712.2 FBCP
	The <b>sump pump</b> capacity and head is appropriate for the anticipated use requirements.	712.3.1 FBCP
	The <b>sump pit</b> is not less than 18" in diameter and 24" deep.	712.3.2 FBCP
	The <b>effluent level control</b> is adjustable and maintainable to prevent the effluent in the sump from rising to within 2" of the invert of the gravity drain inlet into the sump.	712.3.4 FBCP

### Indirect Waste

OK, Comment, or N/A	Item	Code Reference
	Equipment and fixtures for storage, preparation, and handling of food are discharged through an <b>indirect waste</b> pipe by means of an air gap.	802.1.1 FBCP

### Vents

OK, Comment, or N/A	Item	Code Reference
	Every <b>trap</b> and <b>trapped fixture</b> is vented in accordance with one of the venting methods in this chapter.	901.2.1 FBCP
	The vent system for a chemical waste system is independent of the sanitary vent system and terminates separately through the roof to the open air.	901.3 FBCP
	Every sanitary drainage system receiving the discharge of a water closet has a main vent that is either a vent stack or a stack vent running undiminished in size as directly as possible to the open air above the roof.	903.1 FBCP
	Every dry vent connecting to a horizontal drain is connected above the centerline of the horizontal drainpipe.	905.3 FBCP
	Every dry vent rises vertically to a minimum of 6" above the flood level rim of the highest trap or trapped fixture being vented.	905.4 FBCP

### Circuit Vent

OK, Comment, or N/A	Item	Code Reference
	There is a max of 8 fixtures connected to a horizontal branch drain and each fixture drain connects horizontally to the horizontal branch being circuit vented.	914.1 FBCP
	The circuit vent connection is between the two most upstream fixture drains to the horizontal branch per 905 and does not receive the discharge of any soil or waste.	914.2 FBCP

	There is a relief vent for the circuit-vented horizontal branches receiving the discharge of 4 or more water closets and connecting to a drainage stack that receives the discharge of soil or waste from upper horizontal branches.	914.4 FBCP

**Combination Drain and Vent System**

OK, Comment, or N/A	Item	Code Reference
	Any combination drain and vent systems serve only floor drains, standpipes, sinks, and lavatories.	915.1 FBCP

**Traps**

OK, Comment, or N/A	Item	Code Reference
	Each plumbing fixture is separately trapped per the plumbing code.	1002.1 FBCP
	Each fixture trap shall have a liquid seal of not less than 2 inches and not more than 4 inches.	1002.4 FBCP

**Interceptors and Separators**

OK, Comment, or N/A	Item	Code Reference
	Interceptors and separators are provided to prevent the discharge of oil, grease, sand, and other substances harmful or hazardous to the building drainage system, public sewer, or sewage treatment plant/process.	1003.1 FBCP
	Food waste disposer shall not discharge to grease interceptors.	1003.3.2 FBCP

**Storm Drainage**

OK, Comment, or N/A	Item	Code Reference
	Storm water does not drain into sanitary sewers.	1101.3 FBCP
	The size of a drainage pipe is not reduced in the direction of flow.	1101.5 FBCP
	The roof is designed for the maximum possible depth of water that will pond as determined by the relative levels of roof deck and overflow weirs, scuppers, edge, or serviceable drains in combination with the deflected structural elements. In determining the max possible depth of water, all primary roof drainage means shall be assumed blocked.	1101.7 FBCP
	Cleanouts are installed in the storm drainage system and comply with the provisions of this code for sanitary drainage pipe cleanouts.	1101.8 FBCP

**Size of Conductors, Leaders and Storm Drains**

OK, Comment, or N/A	Item	Code Reference
	The size of the vertical conductors and leaders, building storm drains, building storm sewers, and any horizontal branches of such drains or sewers is based on the 100-year hourly rainfall rate in Fig 1106.1 or on other rainfall rates determined from approved local weather data.	1106.1 FBCP
	The building storm drain, storm sewer, and horizontal branches are sized in accordance with Table 1106.3, based on the slope of pipes.	1106.3

	The roof drains and storm drainage piping sizing is based on ½ the area of any vertical wall that diverts rainwater to the roof added to the projected roof area to size the vertical conductors, leaders, and horizontal storm drainage piping.	1106.4 FBCP

**Florida Building Code-Fuel Gas**

OK, Comment, or N/A	Item	Code Reference
	Fuel-fired appliances have the required combustion air supply.	304.1 FBCFG
	Air for combustion, ventilation, and dilution of flue gases for gas-fired equipment vented by natural draft is sized per FG 304.5.1 and FG 304.5.2.	304.5 FBCFG
	Proper clearance around appliances is provided.	306.1 FBCFG

**Florida Building Code- Building Chapter 453**

OK, Comment, or N/A	Item	Code Reference
	The fire alarm system properly shuts off gas and fuel oil supplies.	453.7.8 FBCB
	<b>Boiler Rooms:</b> <ul style="list-style-type: none"> <li>• Each boiler room has an out-swinging door opening to the exterior and is separated from the remainder of the building by at least 1-hour fire-rated construction or a separate building at least 60' from other buildings.</li> <li>• There is a fire-rated door swinging into the boiler room for any openings into the interior of the building.</li> <li>• There is no opening into any corridor or space used by students.</li> </ul>	453.7.8 FBCB
	<b>Concealed Piping:</b> Piping systems for flammable liquids or gases are not be installed in or above interior corridors or stairwells	453.15.1.1
	Piping (fluid system) shall not be run where students can access the pipes, or in areas such as on roofs where they can be damaged by routine or periodic maintenance activities.	453.15.1.2
	<b>Hot Water:</b> Any fixtures with hot water supplied in showers, hand wash sinks, or lavatories in the toilet rooms, are equipped with a mixing valve to limit the temperature not to exceed 110°F.	453.16.6 FBCB
	<b>Floor Drains:</b> Floor drains are provided in the food serving areas, kitchen area, scullery, garbage and rubbish rooms, and can wash area.	453.16.9.2 FBCB
	<b>Dousing Shower and Eyewash:</b> Every science room lab or shop where students handle materials or chemicals potentially dangerous to human tissue shall have a dousing shower and eye-wash, with floor drain under the shower/eye wash, for emergency use.	453.16.10

**NFPA - Installation of Sprinkler Systems**

OK, Comment, or N/A	Item	Code Reference
	<b>Level of Protection:</b> Buildings with automatic sprinkler systems have sprinkler coverage in all areas except where specific sections of this standard permit omission of the sprinkler coverage.	4.1 NFPA 13

	<p><b>Classifications:</b></p> <ul style="list-style-type: none"> <li>• Classrooms are light hazard occupancy: 0.10-gpm/sq ft.</li> <li>• Kitchen is ordinary hazard group I: 0.15-gpm/sq ft.</li> <li>• Storage Areas and Wooden Stages are ordinary hazard group II: 0.20-gpm/sq ft.</li> <li>• Emergency Generator Room coverage is: 0.3-gpm/sq ft</li> </ul>	11.2.1.2 NFPA 13 11.4.5.1 NFPA 37
	<p><b>Water Flow Detecting Devices Wet Pipe Systems:</b> The alarm apparatus for a wet pipe system shall consist of a listed check valve or other listed water flow-detecting alarm device with the necessary attachments to sound an alarm.</p>	6.9.2.1 NFPA 13
	<p><b>Pressure Gauges:</b></p> <ul style="list-style-type: none"> <li>• A listed pressure gauge conforming to 8.16.3 is shown in each system riser.</li> <li>• Pressure gauges are installed above and below each alarm check valve or riser check valve where such devices are present.</li> </ul>	7.1.1.1 NFPA 13 7.1.1.2 NFPA 13
	<p>The maximum floor area on any one floor protected by sprinklers supplied by any one sprinkler system riser or combined system riser is:</p> <ol style="list-style-type: none"> <li>1. Light Hazard - 52,000 ft<sup>2</sup>. (4831 m<sup>2</sup>)</li> <li>2. Ordinary Hazard - 52,000 ft<sup>2</sup>. (4831 m<sup>2</sup>)</li> </ol>	8.2.1 NFPA 13
	<p>Where maximum ceiling temperatures exceed 100°F (38°C), sprinklers with temperature ratings in accordance with the maximum ceiling temperatures of Table 6.2.5.1 are used.</p>	8.3.2.2 NFPA 13
	<p>Extended coverage sprinklers are limited to an unobstructed construction type consisting of a flat smooth ceiling with a slope not exceeding 1:6.</p>	8.4.3 NFPA 13
	<p>The maximum area of coverage of any sprinkler does not exceed 400 ft<sup>2</sup></p>	8.5.2.2.2 NFPA 13
	<p>The maximum distance between sprinklers is based on the centerline distance between sprinklers on the branch line or on adjacent branch lines.</p>	8.5.3.1.1 NFPA 13
	<p>The distance from sprinklers to walls does not exceed ½ of the allowable maximum distance between sprinklers.</p>	8.5.3.2.1 NFPA 13
	<p>Drain size is at least 2" for systems riser of 4" or more.</p>	8.15.2.4.2 NFPA 13
	<p>Local water flow alarms are provided on all sprinkler systems having more than 20 sprinklers</p>	8.16.1.1 NFPA 13
	<p>A retarding device is shown on each alarm check valve using variable water pressure.</p>	8.16.1.2.1 NFPA 13
	<p>Each fire department connection to the sprinkler system has a sign with raised or engraved letters at least 1" (25.4 mm) in height on a plate or fitting reading service design – i.e. AUTOSPKR., OPEN SPRKR., AND STANDPIPE.</p>	8.16.2.4.7.1 NFPA 13
	<p>Fire department connections are not connected on the suction side of fire pumps</p>	8.16.2.4.8 NFPA 13
	<p>A listed check valve is installed in each fire department connection</p>	8.16.2.5.1 NFPA 13
	<p>There are no shutoff valves in the fire department connection piping.</p>	8.16.2.5.2 NFPA 13
	<p>A pressure gauge with a connection not less than ¼" (6.4 mm) is shown at the system main drain, each main drain associated with a floor valve, and on the inlet and outlet side of each pressure reducing valve.</p>	8.16.3.1 NFPA 13
	<p>Each gauge connection is equipped with a shutoff valve and provisions for draining.</p>	8.16.3.2 NFPA 13
	<p>The required pressure gauges are listed and have a maximum limit not less than twice the normal system working pressure at installation points.</p>	8.16.3.3 NFPA 13
	<p>Main drain test connection is at locations that will permit flow tests of water supplies and connections</p>	8.16.4.1.1 NFPA 13



	An alarm test connection is present and not less than 1" (25.4 mm) diameter, terminating in a smooth bore corrosion-resistant orifice, giving a flow equivalent to one sprinkler of a type having the smallest orifice installed on the particular system, to test each water flow alarm device for each system.	8.16.4.2.1 NFPA 13																
	The trip test connection is located on the end of the most distant sprinkler pipe in the upper story and has a readily accessible shutoff valve and plug not less than 1" (25.4 mm) with at least one being brass.	8.16.4.3.2 NFPA 13																
	The minimum water supply requirements for a hydraulically designed occupancy hazard fire control sprinkler system is determined by adding the hose stream demand from table 11.2.3.1.1 to the water supply sprinklers determined in 11.2.3.1.5.	11.2.3.1.1 NFPA 13																
	Hose stream demand and water supply duration requirements for Hydraulically calculated systems: <table border="1" data-bbox="337 569 1222 814"> <thead> <tr> <th>Occupancy</th> <th>Inside Hose</th> <th>Total Combined Inside and Outside Hose (gpm)</th> <th>Duration (minutes)</th> </tr> </thead> <tbody> <tr> <td>Light hazard</td> <td>0, 50, or 100</td> <td>100</td> <td>30</td> </tr> <tr> <td>Ordinary hazard</td> <td>0, 50, or 100</td> <td>250</td> <td>60-90</td> </tr> <tr> <td>Extra hazard</td> <td>0, 50, or 100</td> <td>500</td> <td>90-120</td> </tr> </tbody> </table> For SI units, 1 gpm = 3.785 L/min	Occupancy	Inside Hose	Total Combined Inside and Outside Hose (gpm)	Duration (minutes)	Light hazard	0, 50, or 100	100	30	Ordinary hazard	0, 50, or 100	250	60-90	Extra hazard	0, 50, or 100	500	90-120	11.2.3.1.1 NFPA 13
Occupancy	Inside Hose	Total Combined Inside and Outside Hose (gpm)	Duration (minutes)															
Light hazard	0, 50, or 100	100	30															
Ordinary hazard	0, 50, or 100	250	60-90															
Extra hazard	0, 50, or 100	500	90-120															
	Pumps taking suction from a private fire service main supply sprinklers only, the pump does not have to be sized to accommodate inside and outside hose. Use such hose allowance in evaluating the available water supplies.	11.2.3.1.4 NFPA 13																
	When using Figure 11.2.3.1.5, the calculations shall satisfy any single point on the appropriate density/area curve. Example: <ul style="list-style-type: none"> <li>• Light hazard 1500 sq ft. x .10 gpm/sq ft.= 150</li> <li>• Ordinary hazard Class 1 1500 sq ft x .15 gpm/sq ft. = 225</li> <li>• Ordinary hazard Class 2 1500 sq ft x .20 gpm/sq ft. = 300</li> </ul>	11.2.3.2.1.2 NFPA 13																
	Capacity: Water supplies are capable of providing the required flow and pressure for the required duration as specified in Chapter 11, Chapter 12, and Chapter 13.	15.1.2 NFPA 13																
	Piping for the private service main is at least 6" (152.4 mm) in diameter.	15.1.3.1 NFPA 13																
	The connection between the system piping and the underground piping has a suitable transition piece and is properly fastened by an approved device.	15.1.6.1.1 NFPA 13																
	The fire department connection is located not less than 18" (457 mm) or more than 48" (1219 mm) above the level of the adjoining ground, sidewalk, or grade.	4-3.6 NFPA 14																
	All valves controlling connections to water supplies and to supply pipes to sprinklers are listed indicating valves.	6.1.1 NFPA 24																
	At least one listed post-indicating valve is installed in each water source supply	6.2.1 NFPA 24																
	In a connection serving as one source of supply, a listed indicating valve or post-indicator valve is installed on both sides of all check valves required by 6.2.3.	6.2.5 NFPA 24																
	Post Indicator Valves: Every connection from the private fire service main to a building has a listed post indicator valve located to control all water source supplies. The AHJ may waive the requirement for the post indicator valve(s) required in 6.3.1 where provisions of 6.1 and 6.4 are met.	6.3.1* NFPA 24 6.3.2 NFPA 24																

	Post indicator valve(s) are 40' or more from the building. If site does not allow a 40' distance, AHJ may approve a closer distance under the conditions in 6.3.3.2.	6.3.3.1 NFPA 24
	Post indicator valve(s) are set so the post is 36" above the final grade.	6.3.4.1 NFPA 24
	Post indicator valve(s) are protected against mechanical damage as necessary.	6.3.4.2 NFPA 24
	If impractical to provide a post-indicator valve, with the approval of the AHJ, the valve(s) may be located in pits.	6.4.1 NFPA 24
	Large private fire service main systems have sectional controlling valves at appropriate points to isolate the system in the event of breaks, make repairs, or extend the system.	6.5.1 NFPA 24
	Hydrants	
	Approved hydrant is indicated with at least 6" connection to the mains.	7.1.1 NFPA 24
	A valve is shown at the hydrant connection.	7.1.1.1 NFPA 24
	Hydrants are spaced with the Fire AHJ.	7.2.1* NFPA 24
	Hydrant is indicated not less than 40' of the building(s) it servers.	7.2.3 NFPA 24
	If site does not allow 40' distance, AHJ may approve a closer distance.	7.2.4 NFPA 24
	Steel pipe is not indicated for general underground service unless specifically listed for such use.	10.1.2 NFPA 24

<b>Specifications</b>
-----------------------

OK, Comment, or N/A	Item	Code Reference
	Project Specifications match the District Master Specifications or have been revised with approved edits including approved variance requests if necessary.	DDC and DMS
	Equipment, components, and materials agree with the project specifications.	DDC and DMS
	Specifications agree with the District Design Criteria.	DDC and DMS