Role: Tenant Consultant Standard Details

Port of Portland Index of Standard Details by Spec Section

Spec Section #		Standard Detail
		Bollard Type 2 Detail
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031100	Concrete Formwork	
032000	Concrete Reinforcing	
033000	Cast-In-Place Concrete	
055000	Metal Fabrications	
061400	Treated Wood for Roof Repairs	
070152	Modified Bituminous Sheet Roofing Repairs	Capped Curb - 2-Ply Modified Bitumen Roof Electrical Conduit Penetration - 2-Ply Modified Bitumen Roof Gas Relief Vent Pipe Penetration - 2-Ply Modified Bitumen Roof HVAC Curb - 2-Ply Modified Bitumen Roof Infill/Splice - 2-Ply Modified Bitumen Roof — Multi-Pipe Penetration - 2-Ply Modified Bitumen Roof Plumbing Vent Pipe Penetration - 2-Ply Modified Bitumen Roof Weatherhead Mast - 2-Ply Modified Bitumen Roof
070153	Elastic Sheet Roofing System Repairs	Electrical Conduit Penetration - Adhered EPDM Roof Electrical Conduit Penetration - Ballasted EPDM Roof Gas Relief Vent Pipe Flashing - Adhered EPDM Roof Gas Relief Vent Pipe Flashing - Ballasted EPDM Roof HVAC Curb - Adhered EPDM Roof HVAC Curb - Ballasted EPDM Roof Infill/Splice - Adhered EPDM Roof Infill/Splice - Ballasted EPDM Roof Multi-Pipe Flashing Order - Adhered EPDM Roof Multi-Pipe Penetration - Adhered EPDM Roof Multi-Pipe Penetration - Ballasted EPDM Roof Plumbing Vent Pipe Penetration - Adhered EPDM Roof Roof Capped Curb - Adhered EPDM Roof Roof Capped Curb - Ballasted EPDM Roof Weatherhead Mast - Adhered EPDM Roof Weatherhead Mast - Ballasted EPDM Roof
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078400	Firestopping	
079200	Joint Sealants	
083100	Access Doors and Panels	
089000	Louvers and Vents	
095400	Specialty Ceilings	
099100	Painting	
210500	Common Work Results for Fire Suppression	Fire Protection Symbols
210519	Gauges for Fire Suppression Systems	
210520	Piping Specialties for Water-Based Fire Suppression Piping	
210523	Gen. Duty Valves for Water-Based Fire Suppr Piping	
210529	Hangers & Supports for Fire Suppr Piping & Equip	
210548	Vibr. & Seis. Ctrls for Fire Suppr Piping & Equip	
210553	Ident. for Fire Suppression Piping & Equip.	
210590	Pressure Testing of Fire Suppression Systems	
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Spec Se	ection #	Standard Detail
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220520	Piping Specialties for Plumbing Piping	
220523	General Duty Valves for Plumbing Piping	
220529	Hangers & Supports for Plumb. Piping & Equip.	
220545	Seismic Restraints for Plumbing Piping & Equip.	
220548	Vibr. & Seismic Ctrls for Plumb Piping & Equip	
220553	Identification for Plumbing Piping and Equipment	
220590	Pressure Testing of Plumbing Systems	
220719	Plumbing Insulation	
221100	Plumbing Piping	
221120 221319	Plumbing Pumps Liquid Grease Collection System	Bollard Detail – Bolt In-Place
221319	Liquid Grease Collection System	Liquid Grease Collection System – Fryer without Pump Liquid Grease Collection System – with Integral Pump Liquid Grease Tank Seismic Restraint Mechanical Pad on New and Existing Concrete
223000	Plumbing Equipment	Electric Water Heater
224000	Plumbing Fixtures	Floor Drain at Terrazzo Floor (Typical) Floor Sink at Terrazzo Floor (Typical) Floor Drain Thick Set Floor (Typical) Floor Sink at Thick-Set Flooring (Typical)
230500	Common Work Results for HVAC	Control Symbols Duct Details (Low Velocity) Duct Legend Equipment Legend HVAC Piping Miscellaneous HVAC Valves and Cocks Miscellaneous Symbols Standard Mechanical Abbreviations
230519	Meters and Gauges for HVAC Piping	Ctandard Modifican / Estimations
230520	Piping Specialties for HVAC Piping	
230523	General Duty Valves for HVAC Piping	
230529	Hangers & Supports for HVAC Piping & Equip	
230545	Seis. Restraints for HVAC Piping & Equipment	
230548	Vibr. & Seis. Controls for HVAC Piping & Equip	
230553	Identification for HVAC Piping and Equipment	
230590	Pressure Testing of HVAC Systems	
230593	Testing, Adjusting, and Balancing	
230719	HVAC Insulation	
230900	Instrumentation and Controls for HVAC	Constant Volume Heating and Ventilation Air Handling Unit (Typical) Domestic Hot Water Pump (Typical) Finned Tube Radiation (Typical) Fire Alarm System Interface (Typical) Fire/Smoke Damper Control (Typical) Sequence of Operation Air Terminal Unit (Typical) Single Zone Roof Top Air Conditioning Unit (Typical) Stand Alone Air Conditioning Units (Typical) Supply or Exhaust Fan (Typical) Variable Air Volume Air Handling Unit (Typical) Variable Volume Air Terminal Unit w/Heating Coil (Typical)
232000	HVAC Piping	
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Spec Section #		Standard Detail
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232923	Variable-Frequency Motor Controllers	
233113	Low Pressure Ductwork	
233114	Medium Pressure Ductwork	
233300	Air Duct Accessories	Combination Fire/Smoke Damper (Typical)
233319	Sound Attenuators	1 (71 /
233400	HVAC Fans	
233600	Air Terminal Units	Typical Terminal Unit
233700	Air Outlets and Inlets	Return Air Boot Typical Slot Diffuser Typical T-Bar Diffuser
234000	HVAC Air Cleaning Devices	
237000	Central HVAC Equipment	
238100	Decentralized Unitary HVAC Equipment	
238116	Computer Room Air Conditioners	
238200	Convection Heating and Cooling Units	AHU Cooling Coil Piping – Variable Flow System (Typical) AHU Heating Coil Piping – Constant Flow System (Typical) AHU Heating Coil Piping – Variable Flow System (Typical) Terminal Unit Re-Heat Coil Piping – Variable Flow System (Typical)
260500	Common Work Results for Electrical	Electrical Schematic and One-Line Diagram Symbols1 Electrical Schematic and One-Line Diagram Symbols2 Electrical Schematic and One-Line Diagram Symbols3 Electrical Schematic and One-Line Diagram Symbols 4
260513	Medium-Voltage Cables	
260519	Low-Voltage Elec. Power Conductors & Cables	
260526	Grounding and Bonding for Electrical Systems	
260529	Hangers and Supports for Electrical Systems	
260533	Raceway and Boxes for Electrical Systems	Electrical Raceway Symbols1 Electrical Raceway Symbols 2
260536	Cable Trays for Electrical Systems	Electrical Raceway Symbols1 Electrical Raceway Symbols 2
260543	Underground Ducts & Raceways for Elec. Sys	Electrical Raceway Symbols1 Electrical Raceway Symbols 2
260553	Identification for Electrical Systems	Electrical Equipment Naming Convention Port Standards for Electrical Identification
262200	Low-Voltage Transformers	Electrical Power Distribution Equipment Symbols
262400	Switchboards and Panelboards	Electrical Power Distribution Equipment Symbols
262500	Enclosed Bus Assemblies	
262726	Wiring Devices	Electrical Outlet and Receptacle Symbols1 Electrical Outlet and Receptacle Symbols 2 Electrical Switch and Sensor Symbols
262816	Enclosed Switches and Circuit Breakers	·
262900	Motor Controllers	Electrical Motorized & HVAC Equipment Symbols
265000	Lighting	Lighting Fixtures Symbols 1 Lighting Fixtures Symbols2
271000	Structured Cabling	Communications and Teledata Symbols
275116	Public Address and Mass Notification Systems	·
281300	Security Access Control System	Electrical Security Symbols
283100	Fire Detection and Alarm	Electrical Fire Alarm Symbols1
		Electrical Fire Alarm Symbols2 Electrical Fire Alarm Symbols3
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312300	Trenching, Backfilling, and Compacting	

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