

Confined Space Entry & Tunnel Safety – Appendix C: Confined Space Index – Rock Creek Campus

The following table provides index and initial space classification for spaces at Rock Creek Campus.

The numbers noted are related to notation on maps.

Map Location #	Building/Location	Space Type or Name / Conditions	Initial Classification
100 - Vault with Single / Double and Triple Square Covers			
Outside locations throughout the campus includes: Backflow Preventer Vaults, FDC valves and electrical vaults			
101	NE Parking off A Street across from the loading dock.	Electrical Double square metal covered vault.	PERMIT
102	NE Parking off A Street across from the loading dock	Communications Round manhole cover with Verizon label on cover.	PERMIT / ALTERNATIVE
103	REMOVED		
104	REMOVED		
105	Driveway to FMS/PS Yard at Bldg. 1.	Sewer or Storm water manhole in roadway.	PERMIT
106	Driveway to Yard at Bldg. 1.	Electrical Double metal hatch vault at street light.	PERMIT
107	Driveway to Yard at Bldg. 1.	Communications Round manhole cover with Verizon label on cover.	PERMIT / ALTERNATIVE
108	In front of Bldg 1 plant area.	Sewer Round manhole cover for sewer (very deep space).	PERMIT
109	Sidewalk in front of Bldg 1 to Bldg 6.	Communications Round manhole cover with Verizon label on cover.	PERMIT / ALTERNATIVE
110	Sidewalk in front of Bldg 1 to Bldg 6.	Electrical: Double metal hatch vault at street light.	PERMIT
111	In front of parked cars at sideway in front of Bldg 1 to Bldg 6	Sewer or Storm water: Round manhole cover.	PERMIT
112	Bldg 2 outside yard next to emergency generator.	Diesel Underground Storage Tank for Boiler: Round manhole with W on cover.	PERMIT
113	Bldg 2 yard parking for auto collision repair vehicles.	Oil/Water Separator Square metal vault cover but it is too shallow to enter.	NOT a confined space, not large enough to enter
114	Side of Bldg 2 next to sidewalk between 2 and 5 Bldgs.	Electrical Square metal hatch to the side of the electrical transformer.	PERMIT
115	Circle driveway to Bldg 2 yard.	Sewer or Stormwater: Round manhole cover for sewer.	PERMIT
116	Between Bldgs 2 and 5 grass area.	Sewer or Stormwater Round manhole cover right at the FDC as S on cover.	PERMIT
117	At Bldg 5 between 5 and 2 in grass.	Sewer: Round manhole cover with S on cover.	PERMIT
118	REMOVED		

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119	In front of Bldg 7 north facing.	Sewer: Round manhole cover with S on cover.	PERMIT
120	REMOVED		
121	In front of Bldg 2 and 3 by the pond.	Sewer manhole cover.	PERMIT
122	In front of Bldg 2 by the pond.	Sewer Square metal cover.	PERMIT
123	Outside of Bldg 2 on west side probably electrical manhole vault.	Communications: Round manhole cover vault.	PERMIT / ALTERNATE
124	Outside the west side of Bldg 3 in grass area	Electrical: Square vault next to Verizon round metal manhole cover.	PERMIT
125	Outside the west side of Bldg 3 in grass area.	Communications: Verizon labeled manhole cover.	PERMIT / ALTERNATE
126	Main road way outside of Bldgs 3 and 7 on west side.	Sewer: Several sewer manhole covers.	PERMIT
127	Across main roadway from Bldg 9 along the road.	Electrical 5' x 3' double metal square vault.	PERMIT
128	Walkway at Bldg 9, south of the emergency generator.	Sewer: Round sewer manhole cover.	PERMIT
129	Across roadway from Bldg 9 below the landscaping gardens.	Electrical: Double square manhole cover next to CS#133.	PERMIT
130	Outside Bldg 9 cooling air conditioning fan system.	Sewer or storm water manhole cover.	PERMIT
131	Outside Bldg 9 Cooling enclosure.	Fire water vault and Potable Water Vault: FDC two 3' x 4' square metal vault covers.	PERMIT / ALTERNATE
132	Bldg 9 sidewalks down road near D St.	Sewer or Storm water several manhole covers.	PERMIT
133	Across roadway from Bldg 9 below the landscaping gardens.	Communications: round Verizon manhole cover next to CS#129	PERMIT / ALTERNATE
134	Across from Kennel in parking lot far SW side.	Large Irrigation Systems: Two green round covers for irrigation vaults.	PERMIT
135	In front of Landscape Technology roadway.	Electrical: Double square manhole cover.	PERMIT
136	Behind Landscape Technology Work Shops.	Single metal cover vault for FDC Backflow valve. 10-12-feet deep usually flooded.	PERMIT / ALTERNATE WATER HAZARD
137	In front of the Tualatin Hills Parks sign in the grass.	Electrical: Double metal vault cover.	PERMIT
138	Main road to exit on north side in the grass.	Electrical: Double metal vault cover	PERMIT

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139	Outside the main gate SW side. RELOCATED due to entry road realignment.	Main water lines for RC Campus: Double metal vault cover for all the potable water and fire lines with valves.	PERMIT
140	Water vault on the west side of the airplane runway.	Water vault for backflow preventer.	PERMIT / ALTERNATE
141	Behind airplane Runway.	Sewer manhole.	PERMIT
142	Service Road to Landscape Technology – Electrical transformer past Service Road entrance from D Street on the West Side small hill.	Triple electrical vault right next to the transformer.	PERMIT Follow Electrical Stds
143	Service Road to Landscape Technology to east of the transformer but still on west side small hill.	Single manhole cover for a Verizon Labeled vault.	PERMIT / ALTERNATE
144	Service Road to Landscape Technology to east of the transformer close to the roadway but still on west side.	Double hatch vault – Electrical.	PERMIT Follow Electrical Stds
145	Service Road to Landscape Technology to north of the transformer close to the roadway but still on west side	Triple vault electrical vault	PERMIT Follow Electrical Stds
146	Service Road to Landscape Technology to north of the transformer close to the roadway but still on west side.	Verizon Communications manhole covered vault	PERMIT / ALTERNATE
147	B5 water vault	SE corner of gym, Square hatch vault	PERMIT / ALTERNATE
148	B5 Electrical vault	SE corner of gym, Double square hatch vault	PERMIT / ALTERNATE
149	Child Center water vault	SW corner by road to THPRC, Double square hatch vault	PERMIT / ALTERNATE
150	South of Lot P-C in grass	Double square hatch vault, Need to access to verify (electrical)	PERMIT / ALTERNATE

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Map Location #	Building/Location	Space Type or Name	Initial Classification
200 - Tunnel System and Facilities Access Hatches			
201	Bldg. 6 Aviation Room 107.	Storm water: Interior access to storm water drainage system. Vault is 3' by 5' and 9 feet deep with running water.	PERMIT
202	Bldg. 6 Room 107a - Aviation: Parts cleaning room.	Enclosed abrasive blast unit: has side hatch but not large enough to enter, there are two doors one on each side.	Non-permit - Lockout permit required.
203	Bldg 6 Aviation: Parts cleaning room.	Hot chemical cleaning tank system, several feet deep and 3 feet wide.	PERMIT

Map Location #	Building/Location	Space Type or Name	Initial Classification
300- HVAC Cooling Tower and HVAC Units			
301	Outside Bldg 6 facing Bldg 2.	Cooling Fan, most likely too narrow to enter fully.	Non-permit - Lockout permit required.
302	REMOVE	REMOVE	REMOVED
303	REMOVE	REMOVE	REMOVED
304	Bldg 3 SW end	Large air conditioning unit.	Non-permit - Lockout permit required.
305	Bldg 2 HVAC system access to filters – in Diesel, Think Big, Auto Collision.	HVAC Filter/Plenum space access through large door hatches from ceiling access.	Non-permit - Lockout permit required.
306	Bldg 1 HVAC system access to filters – in Diesel Dynamometer Room.	HVAC Filter/Plenum space access through large door hatches from ceiling access.	Non-permit - Lockout permit required.
400 - Boiler Systems			
400	B2 & B5 - All facilities	Boiler Systems Note: NEW boilers are not confined spaces – Cannot be entered (no access and small) Ductwork is also too small to enter.	NOT permit space
500 - Tanks			
501	NE side of the Aviation Bldg 6 Fuel Dispensing.	Access 4 manhole hole covers to the tanks.	Permit – Only entered by qualified contractors.
502	Landscape Technology Outside Storage Yard.	Large Plastic Tank planned for use with rain water collection.	Permit
503	Landscape Technology on the East side of the Green Houses.	5-1/2 foot tall rain water collection tanks	Permit
SEWER RELATED and SUMP PUMP SPACES			
1	None		

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PCC Confined Space Location Maps Rock Creek Campus

17705 NW Springville Road
Portland, Oregon
June 2015

LEGEND	
	CONFINED SPACE
	GRASS/GRAVEL LANDSCAPE
	PAVED
	BIO-SWALE
	SIDEWALK

