

Confined Space Entry & Tunnel Safety – Appendix E: Confined Space Index – Swan Island Center

The following table provides index and initial space classification for spaces at Swan Island Center.

The numbers noted are related to notation on maps.

Map Location #	Building/Location	Space Type or Name / Conditions	Classification
100 - Vault with Single / Double and Triple Square Covers			
Outside locations throughout the campus includes: Backflow Preventer Vaults, FDC valves and electrical vaults			
100	Outside STC Corner of Cutter and Leverman Streets.	Double hatch Quest Communication vault with wiring system relatively shallow at about 2 feet.	Too shallow to enter.
101	Vault near gas pumps.	Single hatch, deep, full of water, some conduit at bottom of the vault.	PERMIT
102	Exit on Cutter Street. In the sidewalk (blue markings).	City of Portland Water Vault may have responsibilities by PCC for backflow preventer testing.	PERMIT / ALTERNATIVE Pump out water.
103	Vault in North Parking Lot at sign Row 8	No ladder, water in access to water line and valve/meter.	PERMIT / ALTERNATIVE
104	Raised water vault off sidewalk near Cutter and Leverman Streets.	Vault appears 8 feet by 6 feet, not sure on depth but generally these are 6 to 8 feet deep.	PERMIT / ALTERNATIVE
No storm water manholes as bio-swale controls storm water.			
Sewer manholes are responsibility of the local City of Portland Environmental Services.			
200 - HVAC			
201	Roof HVAC units.	No access to interior.	NOT confined spaces.
Boiler Systems			
NEW boilers are NOT confined spaces & cannot be entered. Ductwork is also too small to enter.			
300 - Tanks			
301	25,000 gallon AST	Above ground storage tank (AST). Tank has been cleaned out previously. Treat as potential hazardous atmosphere conditions before entry.	PERMIT / ALTERNATIVE

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