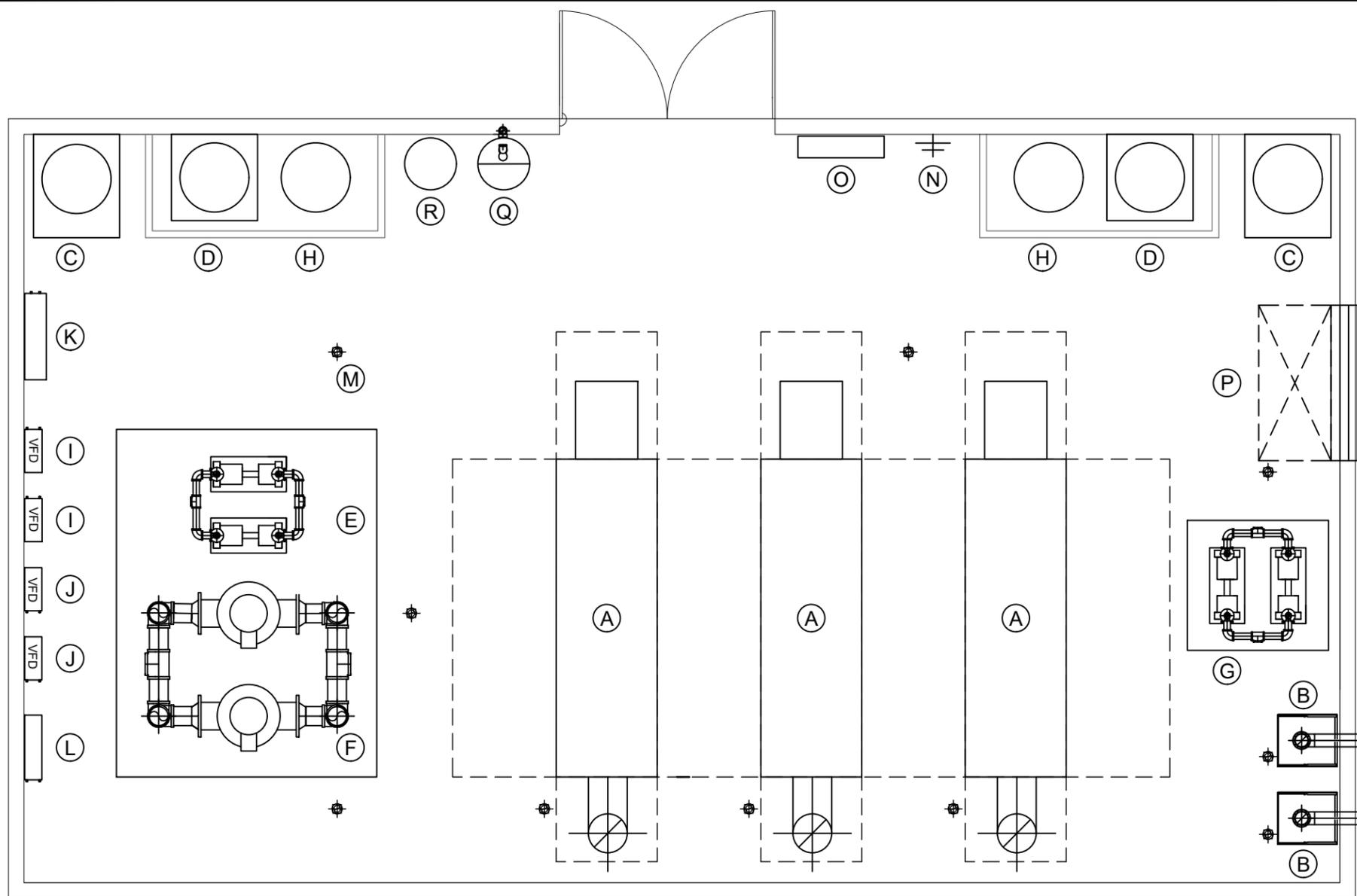


General Notes

- ① Provide 100mm high curb (concrete or sealed angle iron) around glycol fill station and spare barrel for spill containment. Floor area within this containment shall be epoxy coated.
- ② Locate all panels along one side wall if possible. Panels to be located away from glycol fill station.
- ③ Ensure sufficient space between boiler gas-train and burners is provided for maintenance.
- ④ Ensure minimum 1m of service clearance is provided around serviceable equipment or manufacturer recommended clearance, whichever is larger.
- ⑤ Ensure minimum 1.5m wide clear path of travel from boiler room double doors to glycol fill station.
- ⑥ Preferably where there is sufficient space, locate snow melt primary boiler pumps in configuration as shown in the picture in bottom right corner. If there is not enough space for this configuration, vertical in-line primary pumps can be mounted on concrete pad as shown in the layout.
- ⑦ Mechanical means for removal of pump body and motors for maintenance and/or replacement shall be provided in accordance with DRM and Metrolinx standard specifications.



SAMPLE BOILER ROOM LAYOUT
NOT TO SCALE

Equipment Tag

- | | |
|---------------------------------------|---------------------------------------|
| Ⓐ Snow Melt Heating Boiler | Ⓜ Floor Drain (typ.) |
| Ⓑ In Floor Heating Boiler | Ⓝ Gas Monitoring Control Panel |
| Ⓒ Expansion Tank | Ⓟ Combustion Air Intake Louvre & Duct |
| Ⓓ Glycol Fill Tank | Ⓠ Eyewash Station |
| Ⓔ Snow Melt Primary Pumps | Ⓡ Spill kit |
| Ⓕ Snow Melt Secondary Pumps | |
| Ⓖ In Floor Secondary Pumps | |
| Ⓗ Spare Glycol Barrel | |
| Ⓘ Snow Melt Secondary Pump VFD | |
| Ⓜ In Floor Secondary Pump VFD | |
| Ⓚ BAS Panel | |
| Ⓛ Boiler Control Panel | |
| Ⓝ Hose Bibb | |
| Ⓟ Gas Monitoring Control Panel | |
| Ⓠ Combustion Air Intake Louvre & Duct | |
| Ⓡ Spill kit | |

NOTE:
THIS DRAWING IS PROVIDED FOR INSTRUCTIONAL DESIGN PURPOSES ONLY BASED ON METROLINX GO TRANSIT DESIGN GUIDELINES AND REQUIREMENTS. THE CONTRACTED PARTY SHALL VERIFY FOR LOCAL CODE COMPLIANCE, EXISTING SITE CONDITIONS AND INTER DISCIPLINARY DRAWING COORDINATION. ALL DIMENSIONS AND SPECIFICATIONS SHOULD BE VERIFIED BY CONTRACTED PARTY AND/OR CONTRACTOR BEFORE CONSTRUCTION BEGINS.

REFERENCE DRAWINGS		ISSUE		REVISIONS		DRAWN BY: X.X.X. YY/MM/DD	DESIGNED BY: X.X.X. YY/MM/DD		METROLINX PROJECT NO.		
						CHECKED BY: X.X.X. YY/MM/DD	APPROVED BY: X.X.X. YY/MM/DD		XXXXXXX STATION		
						SCALE: 1:XXX FULL SIZE ONLY			SAMPLE BOILER ROOM LAYOUT		
DWG. NO.	TITLE	NO.	DATE	ISSUED FOR	REV.	DATE			DWG. NO.	REV.	SHEET
		0	22/06/10	INITIAL ISSUE					M-407	0	