



CI-0702

TAB 7: TECHNICAL DISCIPLINES
Mechanical

ROOM	° C		NOTES
	WINTER MIN.	SUMMER MAX.	
Workshop	22*	22	Ventilation
Storage	20	22	Ventilation
Station secondary entrances and tunnels	N/A	N/A	Natural Ventilation
Hydro Vaults	N/A	N/A	per Electrical Authority
Shelters	N/A	N/A	Natural Ventilation/Heating

* Electric heating if required (supplementary) to maintain 18°C winter temperature.

Note 1: High wall, heat pump with hyper heating and low ambient cooling (no night-time set-back).

STATIONS

- > Radiant heating should be considered in new Station buildings on a project by project basis.
- > Otherwise, Heating and Air Conditioning of the waiting area and the ticket sales area shall be achieved by one high efficiency, premium quality furnace c/w outdoor condensing unit.
- > The ticket sales area will have a VAV box controlled by a thermostat, while the main thermostat should be located in the janitor room and interlocked with the waiting area temperature sensor.
- > Communications room and Electrical room shall have **dedicated split Heat Pump A/C unit for each room.** Refer to Communications room section for HVAC and ventilation details.
- > Depending on area, washrooms shall be ventilated by Energy Recovery Ventilators or exhaust fans, and shall be heated by radiant heating (if available in the building) or by electric baseboard heating.
- > Refer to Elevators section for Elevator hoistway HVAC.