1.1 **GENERAL**

1.1 **Related Technical Requirements**

.1 *Section 23 21 05 District Hot Water Heating System*

1.2 **Description**

.1 Additional SFU design requirements for Domestic Water Heaters.

2.1 **MATERIALS AND DESIGN REQUIREMENTS**

.1 Electric water heaters should typically not be used, but exceptions can be considered by SFU Facilities on a project by project basis. If an electric water heater is selected, it must be equipped with leak protection and an insulating blanket.

.2 Where on demand domestic hot water heaters are specified, make provisions for water expansion without relying on pressure relief valve for control of water pressure.

.3 Design controls schemes for controlling hot water temperature for stable supply of domestic hot water in quantity and stable temperature required within the building.

***END OF SECTION***