1.1 GENERAL

1.2 Coordination Requirements

.1 Coordinate with SFU Facilities.
.2 Coordinate with other design disciplines, Structural and Architectural.

1.3 Description

.1 Additional SFU design requirements for Roof Drains.

2.1 MATERIAL AND DESIGN REQUIREMENTS

.1 A 4” insulated roof drain is the minimum requirement for a new building.

.2 Consider possible roof deflections when positioning roof drains. Do not locate drains near beams and columns which tend to become high spots on flat roofs with minimum slopes.

.3 Provide N+1 redundancy roof drains in all cases (e.g. provide 2 roof drains in the case where 1 would suffice by design).

.4 Where roof areas are enclosed by parapet walls, provide scupper(s) for relief in emergency flooding situations as per the B.C. Plumbing Code.

.5 Cast iron roof drains have to be insulated.

***END OF SECTION***