

FLOOD PROTECTION GUIDELINES

1. Where a structure has been constructed according to Schedule A, B, E, F or G the level of the surrounding fill at the building line should not slope more than 0.15m (0.5 feet) for a horizontal distance of 4.6m (15 feet) from the building line. The following side slopes are then recommended:

Height of Fill	Minimum Side Slopes (S.S.)
0.3m (1 foot) to 1.5m (5 feet)	3:1
1.5m (5 feet) to 3.0m (10 feet)	4:1
3.0m (10 feet) or greater	5:1

2. Where a dike has been constructed according to Schedule D the following side slopes are recommended:

Dike Height (H)	Minimum Side Slopes (S.S.)
0.3m (1 foot) to 1.5m (5 feet)	3:1
1.5m (5 feet) to 3.0m (10 feet)	4:1
3.0m (10 feet) or greater	5:1

3. The electrical distribution panel in the structure should be located above the main floor unless an existing panel located below the main floor is being replaced or added to in the same location.
4. The potable water shut-off valve should be located above the main floor.
5. Where the structure has floor space below the applicable flood protection level, the drain between the structure and any septic or holding tank or a common sanitary sewer line should have a backwater valve.
6. The weeping tiles should drain to a covered sump pit equipped with a pump and discharge piping to grade.

7. Drilled wells should be located on or within the floodproofing works or should be sealed at the top.
8. A structure that is raised on piles should be anchored against flotation.
9. Any immovable equipment or material or hazardous material stored in a detached garage should be stored 1.0 m (3.3 feet) above the floor level.
10. Storage tanks for fuel oil, gasoline or any other liquid or solid should be anchored to prevent flotation and have the vent and filler pipes extended above the applicable flood protection level.