

NEW STRUCTURES/ADDITIONS
Within
DESIGNATED FLOODWAY FRINGE AREA REGULATION 266/91

An application for a permit to construct a new structure or addition within the designated floodway fringe area shall include the following information:

- (a) plans and specifications of the structure;
- (b) a plan drawn to scale showing the location of the proposed structure on its site;
- (c) a copy of the certificate of title respecting the site;
- (d) a plan of survey certified by a Professional Engineer or Manitoba Land Surveyor and referenced to Geodetic Survey of Canada datum showing
 - (i) the existing and proposed ground elevations on site where the structure is to be constructed, and
 - (ii) the floor elevations of the structure;
- (e) such other information as the designated employee considers necessary for the purpose of considering the application.

The structure is subject to the following floodproofing criteria.

Floodproofing Criteria

Easy structure, other than an accessory structure referred to in Section 9, shall be constructed on a site raised by fill or supported by piles.

Where a structure constructed on a site raised by fill has a basement or cellar,

- (a) the site shall be raised by impervious fill in accordance with the requirements illustrated in Schedule A;
- (b) the elevation of the main floor shall be at least 30 cm above the applicable flood protection level and
- (c) if the structure is situated on pervious soil, the design of the structure shall be certified by a Professional Engineer as capable of withstanding hydrostatic and uplift pressures by a static water level at the flood protection level.

Where a structure constructed on a site raised by fill has no basement or cellar;

- (a) the site shall be raised by fill in accordance with the requirements illustrated in Schedule B;
- (b) the elevation of the main floor shall be not less than the applicable flood protection level; and
- (c) the top of the fill shall be not more than 30 cm below the applicable flood protection level.

- 7(4)** Where a structure is supported by piles;
- (a) the design of the foundation shall be certified by a Professional Engineer;
 - (b) the structure shall be supported in accordance with the requirements illustrated in Schedule C or an equivalent support system;
 - (c) the structure shall be so constructed as not to be buoyant when the surface of any flood waters is higher than the bottom of the horizontal members supporting the structure; and
 - (d) the elevation of a floor containing finished or occupied space shall be at least 1.0 m above the applicable flood protection level.

Additional Floodproofing Criteria

- 8** In addition to the floodproofing criteria set out in Section 7, every structure, other than an accessory structure referred to in Section 9, shall meet the following requirements:
- (a) all windows, exterior doors and other exterior openings, including openings between a house and an attached garage, shall be located above the applicable flood protection level;
the electrical service and panelboard shall be located above the main floor unless the existing service and panelboard located below the main floor within a structure existing before August 15, 1981 is being replaced or added to in the same location;
the potable water shut-off valve shall be located on the main floor with no take-off fittings on the service pipe side of the valve and shall have a dual check valve type backflow preventer to provide protection against possible contamination of the potable water supply;
if the structure has floor space below the applicable flood protection level, the drain between the structure and a septic or holding tank or a common sanitary sewer line shall have a backwater valve.

Under Subsection 158(6) of The City of Winnipeg Charter, the owner of land within the floodway fringe area may apply to the designated employee to vary the floodproofing criteria in respect to the proposed construction of a building.

