



City of Bismarck
 Community Development Department
 Building Inspections Division
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CERTIFICATE OF FILL PLACEMENT

Last Revised 1/25/2017

1. PROPERTY INFORMATION

Project Name:

Legal Description (lot, block, subdivision):

Street Address:

2. PROPERTY OWNER/CONTRACTOR/ DESIGN PROFESSIONAL

Name:

Company (if applicable):

Mailing Address:

Phone number:

Email:

3. FILL INFORMATION

The fill is :

Existing

Proposed

All filled placed in the Special Flood Hazard Area (SFHA) must be suitable for its intended use. The design and construction of the fill material used should consider; but not be limited to, consolidation of the fill layers and underlying soil layers considering the fill material and proposed structure, differential settlement due to the variation in fill composition and characteristics, the permeability of the soil and its effects on any structures built on the site, slope stability, and erosion control

IF fill is placed to raise the floor elevation of a building to an elevation at or above the base flood elevation (BFE), it is recommended that the fill extend as far as possible beyond the exterior walls of the building before it drops below the BFE to provide an increased factor of safety for the building and its residents. This certification is to be signed by the property owner, contractor, or design professional in responsible charge; acting as the owner's agent.

I, _____
 hereby certify that fill has been placed in the Special Flood Hazard Area (SFHA) and meets the criteria listed below. For proposed fill, I hereby certify that fill will be designed and placed in accordance with the following criteria:

- The fill has been placed in lifts with each lift compacted to at least 95 percent of its maximum density obtainable with the standard proctor test method or an equivalent method designed and certified by a registered soils engineer (check on of the following):
 - Fill pads prepared for the foundations of residential or commercial structures (*Fill Pads must be indicated on site plan*)
 - Entire legally defined parcel (If the location of fill pads has not been determined, the fill over the entire legally defined parcel must be compacted to the above criteria)
- The side slopes of the fill are not steeper than 1 on 1.5 (vertical/horizontal). Structural fill, including side sloped, have been protected from scouring and erosion under flood conditions up to and including the Base Flood Elevations (BFE).