



City of Bismarck
 Community Development Department
 Building Inspections Division
 Phone: 701-355-1465 • FAX: 701-222-6450 • TDD: 711
 PO Box 5503 • Bismarck, ND 58506-5503
buildinginspections@bismarcknd.gov

FLOODPLAIN DEVELOPMENT APPLICATION

Last Revised: 1/23/2017

PROPERTY INFORMATION

Address of Property:

Legal Description: (lot, block, subdivision)

APPLICANT

Name:

Company:

Phone Number:

Email:

PROPERTY OWNER

Name:

Phone number:

Mailing Address:

TYPE OF DEVELOPMENT (CHECK ALL THAT APPLY)

Activity:

- New Structure
- Addition
- Alteration
- Replacement
- Removal/Development
- Remodel/Renovation
- Other (please specify)

Activity:

- Single-family residential
- Two-family residential
- Multi-family residential
- Manufactured Home
- Combine Use
- Non-residential
- Other (please specify)

Activity:

- Placement of fill
- Grading
- Excavation
- Installation of utilities
- Subdivision (new or expansion)
- Storm water/drainage improvement
- Other (please specify)

PROJECT DESCRIPTION:

Describe in detail work being done:

FLOODPLAIN DETERMINATION:

Development will occur in the following:

- SFHA (100 year floodplain)
- Regulatory Floodway

Flood Map Information:

FIRM Date:

MAP & PANEL Number:

FIRM Zone:

Base Flood Elevation (BFE) at development site (1988 DATUM):

Development will be elevation to (1988 DATUM):

ADDITIONAL INFORMATION REQUIRED:

SUBMITTED

1. A site plan drawn to scale showing the nature, location, dimensions, and elevations of the area in question including 1-foot contour lines; existing or proposed structures, fill storage materials, drainage facilities and the delineation of SFHA, including floodway boundaries, flood zones, and BFE's (required with all applications).

2. Certification by a registered professional engineering that the flood proofing methods for any non-residential structure meet the flood proofing criteria in section 14-04-19 of the City Code of Ordinances (required with all applications involving flood proofing of non- residential buildings).

3. Certification by a registered professional engineer demonstrating that encroachments; including; fill, new construction, substantial improvements, and other development shall not result in any increase in flood levels during the occurrence of a base flood discharge or 100 year flood as required in Section 10-04-19 of the City Code of Ordinances (required for all applications for development located in the floodway).

4. Substantial Improvement Determination Form (required for an addition or alteration to an existing structure located within the SFHA)

5. FEMA Elevation Certificate (required for all development including a structure)

6. Certification of Fill Form (required when fill is placed within an identified SFHA, floodplain or floodway).

The City of Bismarck Building Inspections Division will notify you upon approval of the permit.

I certify that all information and statements provided on this application and all other documents submitted along with this application are true and correct. I further certify that all work will be done in compliance will all applicable law, codes, and ordinances of the City of Bismarck.

Applicant Signature

Date

Floodplain Administrator Signature



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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).



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SUBSTANTIAL IMPROVEMENT/ SUBSTANTIAL DAMAGE

Last Revised 1/24/2017

PROPERTY INFORMATION:		
Legal Description (Lot, Block, Subdivision):		
Street Address:		
Type of Structure	<input type="checkbox"/> Residential	<input type="checkbox"/> Non-Residential
FIRM Map Number:	Base Flood Elevation :	Elevation of Existing Structure:
Year Built:	Market Value (structure only):	Construction Value:
PROPERTY OWNER:		
Name:		
Phone Number:		
Email:		
CONTRACTOR (if different than owner)		
Company:		
Jobsite Supervisor:		
Phone Number:		
Email:		
CONTACT PERSON:		
Name:		
Name of Firm (if applicable):		
Email:		
Phone Number:		

I hereby attest that I have discussed the nature and extent of the work requested by the homeowner including all improvements, rehabilitation, remodeling, repairs, additions, and other forms of improvements. I further attest that the cost estimate provided on this application includes all cost elements identified by the City of Bismarck including labor, overhead, materials, profit, and all other miscellaneous costs.

Contractor

I hereby attest that the description included in the permit application for the work on the existing building that is located at the property identified above is all of the work that will be done, including all improvements, rehabilitation, remodeling, repairs, additions, and any other form of improvement.

Property Owner