

Story County Floodplain Management

900 6th Street, Nevada, Iowa 50201
(515) 382-7247 — lharter@storycountyiowa.gov — www.storycountyiowa.gov

FLOODPLAIN DEVELOPMENT PERMIT APPLICATION



1. Property Owner*

(Last Name) _____
(First Name) _____
(Address) _____
(City) _____ (State) _____ (Zip) _____
(Phone) _____ (Email) _____

2. Applicant (if different than owner)

(Last Name) _____
(First Name) _____
(Address) _____
(City) _____ (State) _____ (Zip) _____
(Phone) _____ (Email) _____

3. Property Address _____ Parcel ID Number(s) _____

4. Certification and Signature

I/we certify that the information and exhibits submitted are true and correct to the best of my knowledge and that in filing this application I am acting with the knowledge, consent and authority of the owners of the property. Pursuant to said authority, I hereby permit County officials to enter upon the property for the purpose of inspection. **The undersigned agrees that all such work shall be done in accordance with the requirements of Chapter 80—Floodplain Management Program of the Story County, Iowa Code of Ordinances and will all other applicable County ordinances and the laws and regulations of the State of Iowa. *Acknowledgement of property owner is required and may occur via email or signature of this application.**

Property Owner Signature _____ Date _____ Applicant Signature _____ Date _____

Type of Development: Structural Non-Structural
Use of Structure*: _____ Dimensions: _____

**If structural development is proposed, a zoning permit is required prior to issuance of a floodplain development permit.*

Brief description of the proposed development: _____

- Yes No Will any development activity (including filing, grading, or storage) occur in the Floodway?
- Yes No Will the development include the relocation or alteration of a watercourse?

Submittal Requirements

- Filing Fee (required prior to processing): Structural—\$150 (per parcel) Non-Structural—\$75 (per parcel)
- Site Development Plan (See reverse for detailed requirements)
- Building/Structural Information (See reverse for detailed requirements)
- Certifications (See reverse for detailed requirements)

Special Flood Hazard Area(s) (Please select all applicable)

- General Floodplain (Zone A)
- Floodway (Zone AE)
- Floodway Fringe (Zone AE)

Regulatory Base Flood Elevation: _____

Date Received

Receipt No. _____
Receipt Amount _____

FOR OFFICE USE ONLY

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FLOODPLAIN DEVELOPMENT REQUIREMENTS

All site plans for development within any Special Flood Hazard Area should show the following information. Please refer to the Story County, Iowa - Code of Ordinances, Chapter 80 - Floodplain Management Program, for detailed requirements and standards.

SITE PLAN REQUIREMENTS

(for all development within any Special Flood Hazard Area)

General Information

- North Arrow
- Property Lines
- Topographic information if required, including existing and proposed contour intervals of not less than 5 feet.

Floodplain Information (based on FIRM map)

- Boundary of Special Flood Hazard Area
- Flood zone(s) designation of the proposed development area
- Boundary of the floodway(s)
- Base flood elevation(s)

Site Development Information

- Location of all areas of development
- Existing and proposed structures
- Utility systems (for public utilities, including details on how the location will minimize flood damage and protect public facilities)
- Grading and pavement areas
- Fill materials (location, type and amounts)
- Storage areas
- Drainage facilities
- Details on the existing and proposed location of any watercourse to be altered

STRUCTURAL APPLICATIONS

(All plans for structures within any Special Flood Hazard Area must show the following information.)

Elevation Information

- Elevation of the proposed structure (including basement)
- Elevation to which any non-residential structure will be floodproofed
- Elevation to which any proposed utility systems will be elevated or floodproofed.
- Elevation Certificate
 - Initial Application
 - Foundation framing in place
 - Building completion
- Usage details of any enclosed areas below the lowest floor.

Floodproofing Information

- Floodproofing Certificate
- Inspection and maintenance plan, including installation, exercise, and maintenance of floodproofing measures).
- Operational plan

Foundation Plan

- To-scale drawings of proposed foundation system
- Proposed method of elevation (i.e. fill, solid foundation perimeter wall, solid backfilled foundation, open foundation on columns/posts/shear walls).
- Openings to facilitate automatic equalization of hydrostatic pressure

CERTIFICATION REQUIREMENTS

When any of the following are applicable to the proposed development, the application will not be accepted unless the certification is signed and sealed by the appropriate registered/licensed professional. There will be NO exceptions.

- Elevation Certificate** — FEMA Form 81-31 must be completed and submitted to the Floodplain Administrator within 30 days of the requirements listed above (at each stage).
- Floodproofing Certificate** — If floodproofing, FEMA Form 81-65 must be completed and certified by a professional engineer or architect and submitted with supporting data, an operational plan, and an inspection and maintenance plan.
- Watercourse Alteration/Relocation** — If altering or moving a watercourse, a professional engineer must prepare and certify the report that describes the proposed alteration/relocation and details the effects of the proposed project on the flood-carrying capacity of the watercourse and the effects to properties located both upstream and downstream. A map illustrating the alteration/relocation must be included.
- No-Rise Certification** — Any development within the Floodway must be certified by a professional engineer that the encroachment will not result in any increase in the flood levels during the occurrence of the base flood, based on hydrologic and hydraulic analyses performed in accordance with standard engineering practice.