

FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

SECTION 1 - GENERAL INFORMATION

Project Name: _____ Date: _____
Project Address: _____
Legal Description: _____

SECTION 2 - SITE INFORMATION

Description of proposed work and intended use: _____

Type of Development: ☐ Filling ☐ Grading ☐ Excavation ☐ Renovation
☐ Routine Maintenance ☐ New Construction ☐ Utility ☐ Other

Work is located in: ☐ Floodway ☐ Flood Fringe

Value of Improvement (Fair Market): \$ _____ Pre-Improvement Value of Structure: \$ _____

Elevation of the Base Flood: _____ Feet (NAVD88)

Elevation at development site: _____ Feet (NAVD88)

Elevation of basement/lowest floor of residential: _____ Feet (NAVD88) (minimum of BFE + 2 feet)

Elevation of flood proofing non-residential structure: _____ Feet (NAVD88) (minimum of BFE + 2 feet)

FIRM Panel Number(s): _____ Effective Date: _____ Zone: _____

LOMA/LOMR Case Number: _____ Flooding Source: _____

SECTION 3 - CONTACT INFORMATION

Applicant: _____ Contractor: _____
Contact Person: _____ Contact Person: _____
Email: _____ Email: _____

Design Engineer Certification: I attest that this application and all supporting documentation have been reviewed by me and are accurate and complete. The design has been prepared in accordance with *Shawnee Municipal Code, Chapter 11.32, Floodplain Management* and all other applicable County/City ordinances and the State of Kansas requirements as contained in *KSA 12-766* and *KAR 5-44-1 through 5-44-7*.

Design Engineer: _____
(Print Name)

Seal:



SECTION 4 – PLAN SUBMITTAL CHECKLIST

This checklist must be completed and included as part of the initial submittal for a Floodplain Development Permit. In the space provided left of each item, enter the page number(s) of the plans that contain the listed item. If an item is not applicable to your project, indicate N/A. Incomplete submittals will be returned for completion prior to the City reviewing your application.

SECTION 4A – INFORMATION REQUIRED FOR ALL PLAN SUBMITTALS

- _____ Plans sealed by a Kansas registered professional engineer.
- _____ Benchmark Data and datum, and Flood Insurance Rate Map (FIRM) reference mark. The project benchmark shall be the on the same datum as the current FIRM map or include the conversion data.
- _____ Base Flood Elevation (BFE) at the property limits and work area.
- _____ Indicate whether the proposed work is in the floodway or flood fringe.
- _____ FEMA FIRM Panel Number and Effective Date.
- _____ FIRM Zone.
- _____ Legal Description of the Property.
- _____ Limits of the Special Flood Hazard Area (SFHA) including floodway where applicable.
- _____ Existing contours at maximum 2-foot intervals.
- _____ Grading plan.
- _____ Include compaction requirements for fill areas.
- _____ Location and elevation of existing and proposed construction in the SFHA, including, but not limited to: streets, pavement, retaining walls, accessory buildings, swimming pools, parking lots, driveways, trash enclosures, storage tanks, and other onsite infrastructure. Also include location of underground utilities.
- _____ Proposed location and type of materials that might be stored long-term in the SFHA post-construction.

SECTION 4B – INFORMATION REQUIRED IF BUILDINGS ARE TO BE CONSTRUCTED, ENLARGED, OR ALTERED WITHIN THE FLOODPLAIN

- _____ Provide elevations to verify that **RESIDENTIAL** basement or lowest floor is at least 2 feet above the BFE.
- _____ Provide elevations to verify that **NON-RESIDENTIAL** lowest floor or flood proofing is at least 2-feet above the BFE.
- _____ Anchorage of proposed structures.
- _____ Venting of closed areas for pressure equalization.
- _____ Electrical, heating, ventilation, plumbing, air-conditioning, and other service equipment designed or located to prevent water from entering or accumulating within the component during flooding are 2-feet above the BFE.
- _____ On-site waste disposal systems located to avoid impairment or contamination.

SECTION 4C – SUPPLEMENTARY INFORMATION

- _____ Flood Study (hydraulic model).
- _____ United States Army Corp of Engineers Section 404 Permit.
- _____ Kansas Department of Agriculture Division of Water Resources Permit.
- _____ FEMA Conditional Letter of Map Change (CLOMR).
- _____ No-rise certification (required for any work in the floodway and floodway fringe).
- _____ U.S. Fish and Wildlife endangered species.

SECTION 4D – POST CONSTRUCTION SUBMITTAL REQUIREMENTS

If applicable, the below checklist items are required to be submitted at the completion of the work within the floodplain. All work shall be completed as specified in the approved plans and certified by the Design Engineer that is it in compliance with all City, State, and Federal requirements. The Floodplain Development Permit will be closed out once the below items are approved by the City and the work within the floodplain passes final inspection by City Staff.

- _____ Design Engineer certification of the work, certifying it has been completed in accordance with the approved plans.
- _____ Post-Construction Elevation Certificate certified by Kansas licensed land surveyor.
- _____ Flood Proofing Certification certified by Kansas licensed land surveyor.
- _____ FEMA Approved Letter of Map Change.
- _____ Submission of County watershed model updates.