



Floodplain Development Permit Application

The Guidance Document (<https://bouldercolorado.gov/media/1171/download?inline>) for this application defines all terms and provides detailed instructions on how to complete each section. ***It is strongly recommended that you use the Guidance Document to complete this application.***

- ***Floodplain Development Permits are required for all projects located within designated floodplains*** to protect public health, safety and welfare from flood risk.
- ***Incomplete applications will NOT be accepted.***

► **REQUIRED MATERIALS FOR ALL APPLICATIONS:**

- Completed application for each structure on the property
- Site Plan with all flood zones depicted
- Elevation verification documentation
- Applicable construction drawings

► **REQUIRED MATERIALS FOR PROJECTS WITHIN THE CONVEYANCE OR HIGH HAZARD ZONES:**

- Written response to review criteria (*see page 4*)
- Additional engineering analysis may be required
- A one-page executive summary of proposed work

► **TO SUBMIT YOUR PERMIT APPLICATION:**

- Provide one hard copy
- Provide one electronic copy on a USB
- Submit completed application materials in person to a project specialist at:
Planning & Development Services Center
1739 Broadway, 3rd Floor
Boulder, CO 80306
- Floodplain Development Permits require a submittal fee that may vary from \$35 to \$3,600 depending on the type of flood permit. See Guidance Document for more information.

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► **PROJECT INFORMATION**

Project Address: _____

Project Description (e.g. first floor 750 square foot addition, construction of new bike path, 3rd floor remodel in existing office building):

► **CONTACT INFORMATION**

Applicant Contact Information

Name		Phone #	Email Address	
Address		City	State	Zip

Property Owner Contact Information Same as Applicant

Name		Phone #	Email Address	
Address		City	State	Zip

► The owner of the property is aware of and consenting to the improvements being made in this permitting process.

Signature of Owner: _____ **Date:** _____

This application will not be accepted without the owner's signature.

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ADDITIONAL REQUIRED INFORMATION

► PROJECT DETAILS *Check all that apply*

Project Type	<input type="checkbox"/> New Structure	<input type="checkbox"/> Mech/Elect/Plumb Improvement	<input type="checkbox"/> Fence	<input type="checkbox"/> Other: _____
	<input type="checkbox"/> Addition	<input type="checkbox"/> Remodel/Renovation		
	<input type="checkbox"/> Alteration			
Building Type	<input type="checkbox"/> Principal		<input type="checkbox"/> Accessory	
Existing Use	<input type="checkbox"/> Residential	<input type="checkbox"/> Non-Residential	<input type="checkbox"/> Mixed-Use	<input type="checkbox"/> Vacant Land
Proposed Use	<input type="checkbox"/> Residential	<input type="checkbox"/> Non-Residential	<input type="checkbox"/> Mixed-Use	<input type="checkbox"/> Vacant Land

Is the structure a critical or lodging facility? Yes No

► FLOODZONES

Creek Name (e.g. South Boulder Creek): _____

Flood Zone: *Check all that apply*

- | | | | |
|-----------------------------|------------------------------|-------------------------------------|--------------------------------------|
| <input type="checkbox"/> AE | <input type="checkbox"/> AO | <input type="checkbox"/> AO3 | <input type="checkbox"/> High Hazard |
| <input type="checkbox"/> A | <input type="checkbox"/> AO1 | <input type="checkbox"/> X | |
| <input type="checkbox"/> AH | <input type="checkbox"/> AO2 | <input type="checkbox"/> Conveyance | |

Projects affecting the Conveyance and High Hazard Zones require additional time for public process and often require an engineer. See Guidance Document for more information.

► ELEVATION VERIFICATION DOCUMENTS

Source Document (check one and attach to application): Elevation Certificate FIS Profile City Flood Map

Provide the following elevations:

- Finished Floor Elevation (FFE): e.g. 5660' _____ ft.
- Base Flood Elevation (BFE): _____ ft.
- Flood Protection Elevation (FPE): _____ ft.
- Highest Adjacent Grade (HAG): _____ ft.

Provide proposed construction drawings demonstrating:

- The FFE, BFE and FPE on elevation sheets
- All mechanical/electrical/HVAC equipment is elevated above the BFE
- Sanitary sewer connections are elevated above the BFE or protected by a backflow prevention valve
- Flood damage resistant materials are used to or above the FPE

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► **SUBSTANTIAL IMPROVEMENT FOR WORK TO AN EXISTING STRUCTURE**

If project cost exceeds 50% of the assessed structure value, the entire structure must be brought into compliance with current local, state and federal flood regulations.

1. Total Cost of Project: \$ _____
2. Assessed Structure Value: \$ _____
3. *Total Cost (1.) divided by Assessed Structure Value (2.):* _____%

► **FOR PROJECTS IN THE CONVEYANCE OR HIGH HAZARD ZONES**

A written statement addressing the following 15 criteria must be provided.

1. The effects upon the efficiency or capacity of the conveyance zone and high hazard zone;
2. The effects upon lands upstream, downstream, and in the immediate vicinity;
3. The effects upon the one hundred-year flood profile;
4. The effects upon any tributaries to the main stream, drainage ditches, and any other drainage facilities or systems;
5. Whether additional public expenditures for flood protection or prevention will be required;
6. Whether the proposed use is for human occupancy;
7. The potential danger to persons upstream, downstream, and in the immediate vicinity;
8. Whether any proposed changes in a watercourse will have an adverse environmental effect on the watercourse, including, without limitation, stream banks and streamside trees and vegetation;
9. Whether any proposed water supply and sanitation systems and other utility systems can prevent disease, contamination, and unsanitary or hazardous conditions during a flood;
10. Whether any proposed facility and its contents will be susceptible to flood damage and the effect of such damage;
11. The relationship of the proposed development to the Boulder Valley Comprehensive Plan and any applicable floodplain management programs;
12. Whether safe access is available to the property in times of flood for ordinary and emergency vehicles;
13. Whether the applicant will provide flood warning systems to notify floodplain occupants of impending floods;
14. Whether the cumulative effect of the proposed development with other existing and anticipated uses will increase flood heights; and
15. Whether the expected heights, velocities, duration, rate of rise, and sediment transport of the floodwaters expected at the site will adversely affect the development or surrounding property.