



Floodplain Worksheet

Building Site Permit Attachment

Department of Planning, Zoning, and Solid Waste
 1610 Hwy 23 N • Sandstone, MN • 55072
 (320) 216-4220 • (800) 450-7463 Ext 4220 • Fax (320) 216-4244

About: This worksheet is required when applying for a permit within the 100-year Floodplain. Applicants will need to attach this worksheet to the Building Site and/or Grading/Filling Permit Application in order to process. For more information, see our website at: www.co.pine.mn.us

PROPERTY INFORMATION

*Name of Lake/River/Stream:

PROJECT INFORMATION

Choose One:

- Minimal investment accessory structure.** Must not exceed 576 square feet and must be wet floodproofed. Does not need to be elevated. Not allowed for human habitation.
- Structure elevated on fill.** Lowest floor must be at or above Regulatory Flood Protection Elevation (RFPE). The finished fill elevation for structures shall be no lower than 1' below the RFPE and the fill shall extend at such elevation at least 15' beyond the outer limits of the structure.
- Structure elevated by means other than fill to RFPE.** May include elevation with stilts, pilings, tuck under garage, etc. Design and completed structure must be certified by a professional engineer or architect.

1. Floodplain District	2. Type of Project	3. Type of Structure	4. Zoning
<input type="checkbox"/> Floodway <input type="checkbox"/> Flood Fringe <input type="checkbox"/> General Floodplain (attach how project site was determined to be flood fringe or floodway)	<input type="checkbox"/> New Construction <input type="checkbox"/> Addition <input type="checkbox"/> Repair / Maintenance <input type="checkbox"/> Fence <input type="checkbox"/> Fill / Grading <input type="checkbox"/> Other (specify below) _____	<input type="checkbox"/> Residence <input type="checkbox"/> Accessory Structure _____ ft ² <input type="checkbox"/> Commercial / Office <input type="checkbox"/> Warehouse / Industrial <input type="checkbox"/> Shed / Storage <input type="checkbox"/> Deck <input type="checkbox"/> Other (specify below) _____	<input type="checkbox"/> Permitted ----- <input type="checkbox"/> CUP <input type="checkbox"/> Variance Date: _____ Hearing _____ DNR notified _____

5. Regulatory Flood Protection Elevation (RFPE) Calculation (to nearest one-tenth foot)		Datum:
a. Base Flood (100-yr) Elevation*	ft	<input type="checkbox"/> NGVD, 1929 <input type="checkbox"/> NAVD, 1988 <input type="checkbox"/> Assumed / other (give reference datum) _____ * 100-yr source: <input type="checkbox"/> Flood Insurance Study (attach determination) <input type="checkbox"/> Other (specify & attach supporting information)
b. Floodway stage increase	ft	
c. Freeboard required by ordinance	ft	
RFPE (add a, b & c)	ft	

CONSTRUCTION INFORMATION

1. Structure Elevation Requirement	Proposed	Required
a. Lowest floor elevation (including basement, crawl space, or enclosed floor)	_____ ft	_____ ft
b. Elevation of next higher floor	_____ ft	_____ ft
c. Attached garage (top of slab)	_____ ft	_____ ft
d. Lowest elevation of machinery or equipment servicing the building (describe type of equipment)	_____ ft	_____ ft
e. Lowest adjacent (finished) grade (LAG):	_____ ft	_____ ft
f. Lowest compacted fill elevation at 15 feet from building:	_____ ft	_____ ft
g. Low point of access/road:	_____ ft	_____ ft

2. Project Cost Factors for additions, improvements or repairs / maintenance (for Nonconforming Structures)	
a. Cost of Improvements (including cost of labor and all supplies):	\$ _____
b. Cost of Repairs / Maintenance (including cost of labor and all supplies):	\$ _____
c. Cost of Previous Improvements (in current \$) after date of first Flood Insurance Rate Map:	\$ _____
d. Total Cost of Improvements plus current repairs/maintenance (add a., b. and c.):	\$ _____
e. Estimated Market Value of Existing Structure (not including land value), without any improvements done after the date of first FIRM:	\$ _____
f. Percentage Cost of Improvements (c. divided by e)	_____ %



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Supplemental Data for Provisional Use Permit in Floodplain

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About: This section is required when the structure is being elevated by methods other than fill. For provisional use permits, all elevations on page one must be completed by professional land surveyor or engineer. For more information, see our website at: www.co.pine.mn.us

FLOOD PROOFING CERTIFICATION

I, _____, hereby certify that I am a registered engineer or
 (print or type name)

architect, and that, to the best of my knowledge, information and belief, the subject structure is designed in accordance with the approved plans and specifications which accompanied the above referenced Zoning Application and/or Zoning Permit and the subject structure meets the criteria and standards for FP1, FP2, FP3, FP4 flood proofing as well as all local ordinances and the State Building Code where applicable.

Elevation to which structure is flood proofed: Required = _____ Actual As-Built = _____

Signature: _____ Date: _____

Registration No.: _____

The Provisional Use Permit for elevating with methods other than fill requires an additional **\$50 fee** beyond the fees assessed on the standard building site permit application.

Provisional Use Permit: \$50 fee

Check: _____ Receipt: _____