Floodplain Development Permitting with Confidence

AFTER HOURS June 24, 2025 6-8pm

Erin Wendt, CFM NeDNR Floodplain Management Outreach Coordinator

Mercy Kipenda, CFM NeDNR Floodplain Management NFIP Specialist



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Rules of the Road

- Attendees will be muted during the presentation to help eliminate background noise
- Use the chat to ask questions during the presentation.
 We will pause for questions during the presentation and at the end
- If you are experiencing any technical difficulties, send a private chat message to Michele York, or send an email to <u>michele.york@nebraska.gov</u>
- We'll be recording this webinar for those who aren't able to attend today

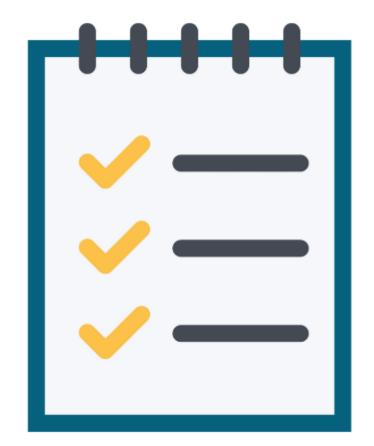


Poll Questions

- Total of 5 poll questions. Your answers are anonymous.
- If you are a Certified Floodplain Manager (CFM) or a Nebraska Municipality Treasurer requesting Continuing Education Credit (CEC) today, you must answer all poll questions.
- Only the person registered and logged into zoom will receive credit. If multiple people are viewing the presentation together, you will each need to log into zoom using your unique link and answer the poll questions separately to receive credit

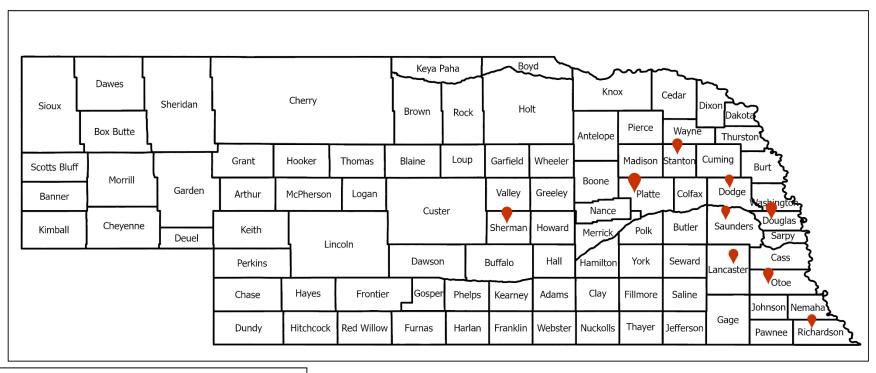
	o you have projects underway to reduce your flood risk t you could use help with?
0	a.Yes;
0	b.No;
0	c.No, but I could use some help getting something off the ground;
0	d.I'd like to know more about how you can help.

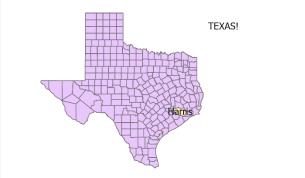
Agenda



- 01 Introduction
- **02** Permitting process
- 03 Base Flood Elevation Determinations
- 04 NeDNR's *Current* Model Development Permit Application
- 05 NeDNR's *New* Model Development Permit Applications
- **06** Key Takeaways

Thank you for joining us!





Introduction



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Introduction

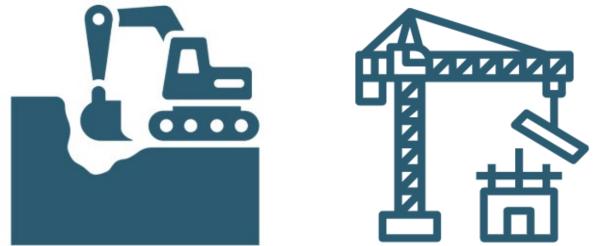
- Communities manage development in the special flood hazard area (SFHA) as a condition of NFIP participation through an agreement
- Development is managed in accordance with the local floodplain management ordinance
- Any <u>development</u> in the SFHA must have written permission (permit) prior to the start of construction

Key Term: **Agreement**– The Federal Government makes flood insurance available within communities that adopt and enforce floodplain management regulations to reduce flood risk to new floodplain development.

Development - Definition

Development:

"any man-made change to improved or unimproved real estate, including but not limited to buildings or other structures, mining, dredging, filling, grading, paving, excavation or drilling operations or storage of equipment or materials." 44 CFR 59.1



https://www.ecfr.gov/current/title-44/part-59#p-59.1(Development)

Why is this process necessary?

- Requirement of National Flood Insurance Program participation
- Federal & State Law (Code of Federal Regulations, Nebraska Administrative Code)
- Improves community resiliency by ensuring structures are built in compliance with local Floodplain Management regulations
- NeDNR or FEMA will ask for these documents during a Community Assistance Contact (CAC) or Community Assistance Visit (CAV)



Why is this process necessary?

- Unpermitted development within your community's SFHA is considered a violation
 - Unresolved violations can jeopardize the community's standing with the NFIP
 - Probation or suspension from the program could occur if no efforts are made to resolve issue



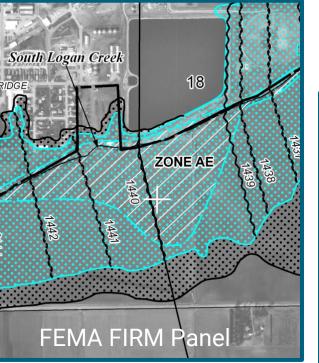
Permitting Process



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Step-by-Step Process – Step 1 Project Proposal

- Property owner proposes development
 - a. Floodplain Administrator checks the proposed development location for floodplain concerns
 - i. Use official FEMA FIRM panels or NeDNR's Interactive Map
 - b. Communities should ensure they have easily discoverable contact information for the local floodplain administrator





Step-by-Step Process – Step 2

Application for a Permit

2a. If the proposed development is **<u>not</u>** in the floodplain, issue other local required permits for building

2b. If the proposed development <u>is</u> in a regulated floodplain, provide the property owner with a Floodplain Development Permit Application

i. The applicant may need assistance to gather procedural and technical information to complete the application



20220301_eSDAHandbook_ModelFPDevelopmentPermitApplication.pdf

Step-by-Step Process – Step 3 Establishing the BFE

- 3. Provide the applicant with a Base Flood Elevation (BFE)
 - a. Zone A floodplain: <u>request the</u> <u>information</u> from NeDNR's office
 - b. Zone AE: Use the Flood Insurance Study (FIS)
 - c. Zone AO & AH: depth number on the FIRM (2ft if no depth specified)



https://msc.fema.gov/portal/home

https://dnr.nebraska.gov/floodplain/request-base-flood-elevation

Step-by-Step Process – Step 4-6

Permit with Floodplain Compliance Requirements

- 4. Provide the applicant with the flood protection elevation
 - a. +1 ft to the BFE or depth number (or higher depending on local regulations)
- 5. Review permit for completeness & compliance
 - a. Is all the required information provided?
 - b. Are any pre-construction compliance documentation included?



Step-by-Step Process – Step 7-8

Permit Decision and Proof of Compliance

- 6. Approve or Deny the permit application
 - a. If denied, provide the applicant with information why.
 - i. If additional documentation is needed, inform them
- 7. If approved, ensure proof of compliance is submitted once development is complete
 - a. Elevation Certificate
 - b. Evacuation plan
 - c. Photos
 - d. Etc.

 National Flood Insurance Program

 Elevation

 Cecturificate

 and Instructions

 2023 EDITION



FEMA

Permit Review

Review for completeness

Review for compliance

Approve/Deny

Base Flood Elevation Determinations



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BFE Determinations by Flood Zone

- The process for making a BFE determination for a site will entirely depend on the flood zone
- There are three places a BFE can come from:
 - Flood Insurance Rate Maps (AO, AH zones)
 - NeDNR or Community Determination (A Zones)
 - Flood Insurance Study (AE Zones)

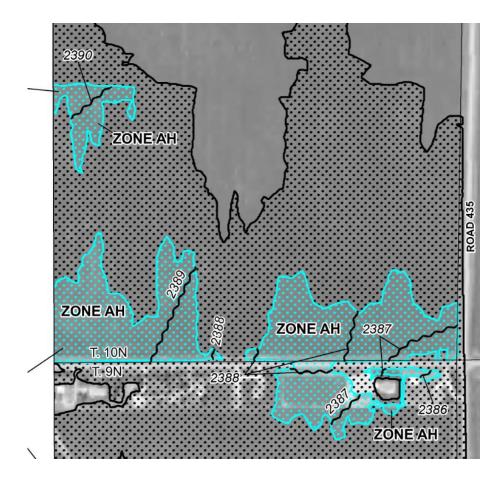
BFE Determination: AO and AH Zones

- AO Zones:
 - Shown as a depth number
 (2ft default if no number)
 - Displayed on the FIRM
 - BFE is HAG plus the depth number
- AH Zones:
 - BFEs shown on the FIRM as an elevation



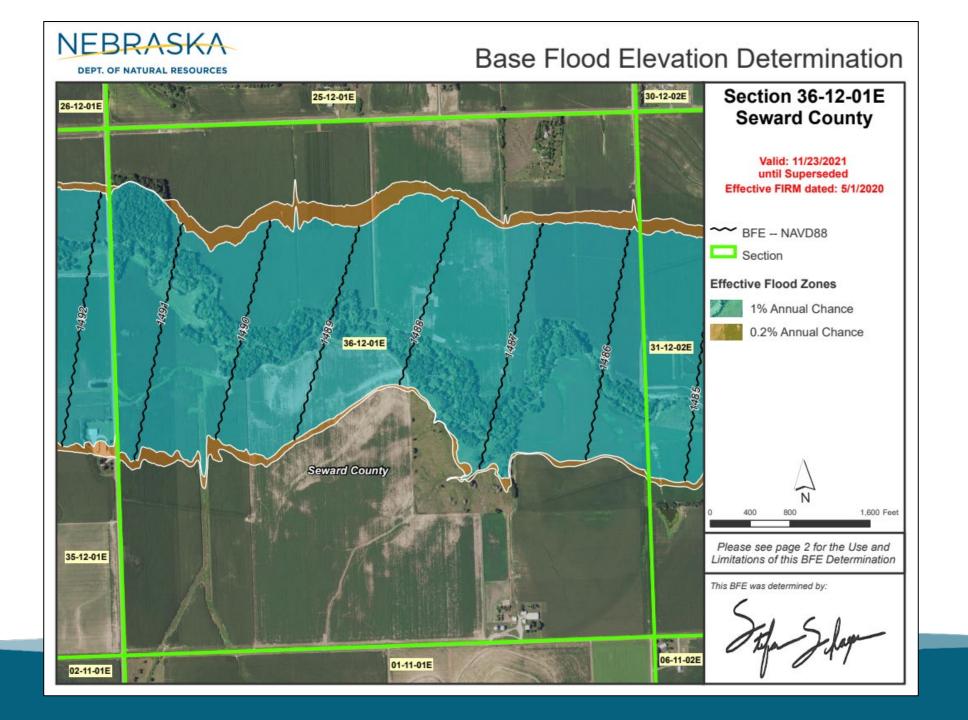
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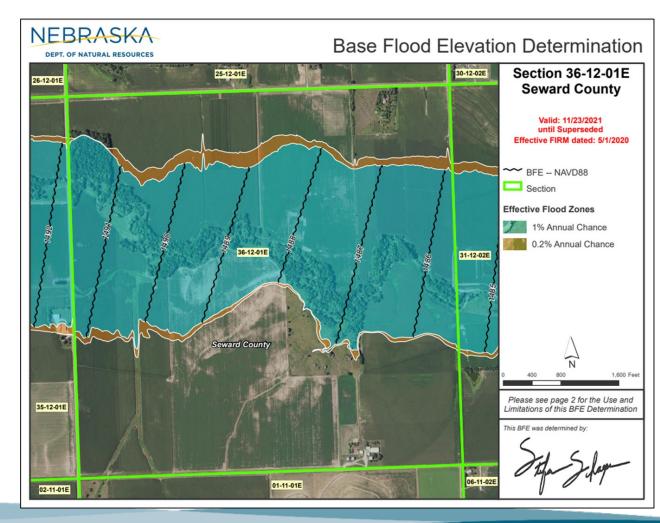
BFE Determination: A Zones

- A Zones don't have Base Flood Elevations determined, and a Flood Insurance Study is not available
- NeDNR will provide base flood elevations for free
- Floodplain administrators may request them at <u>https://dnr.nebraska.gov/floodplain/request-base-flood-</u> <u>elevation</u>
- Password reset requests can be sent to <u>Michele.York@nebraska.gov</u>



BFE Determination Map from NeDNR

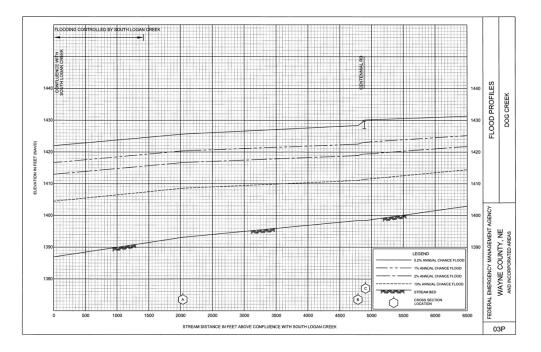
If using a determination map from NeDNR, best practice when a development falls between two lines is to use the higher of the two numbers.



https://dnr.nebraska.gov/floodplain/request-base-flood-elevation

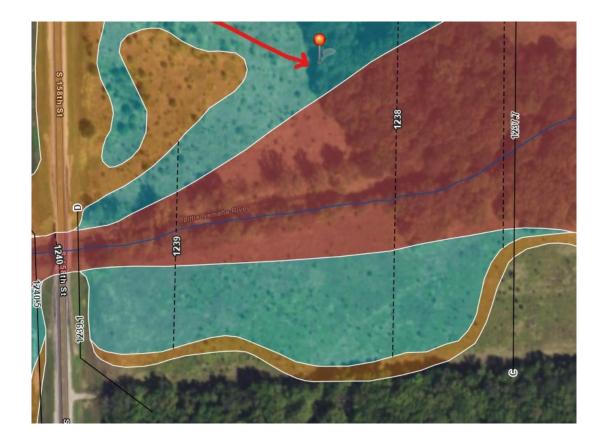
BFE Determination: AE Zones

- BFE must be determined using the flood profiles in the Flood Insurance Study
- Measure the BFE to the nearest tenth of a foot
- Determination must be reasonable
- Floodplain administrators have the authority to make this determination



Step 1: Determine the location of the development

- Create a point or box on the map showing where the development is proposed
- Be as accurate as possible
 - Ask the contractor, engineer, or surveyor to provide a site map if possible
 - If making a box, use the highest upstream part to determine the BFE



http://ne.gov/go/floodriskmap

Step 2: Find the cross-sections

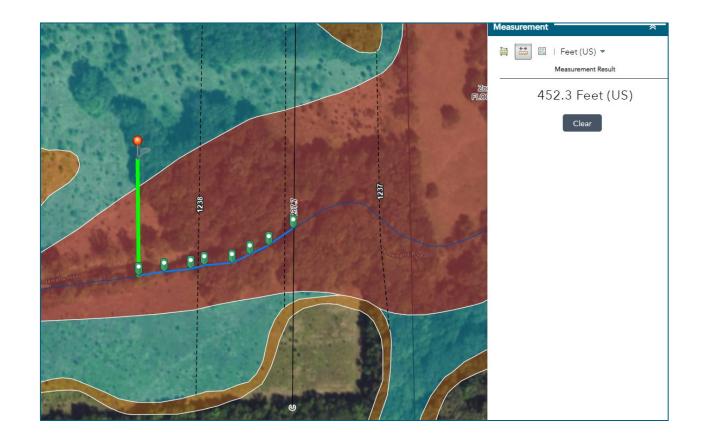
- Identify the cross-sections the development is in between
 - In this case they are crosssections C and D



http://ne.gov/go/floodriskmap

Step 3: Measure distance along the "thalweg"

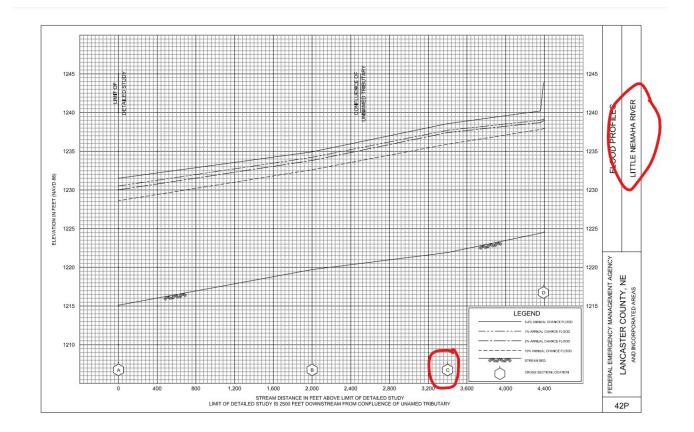
- Draw a line from the development location perpendicular to the stream/riverbed (also known as the thalweg)
- Measure the distance from the nearest cross-section to your line following the thalweg
 - Thalweg: The bottom of a river channel (AKA profile baseline)



http://ne.gov/go/floodriskmap

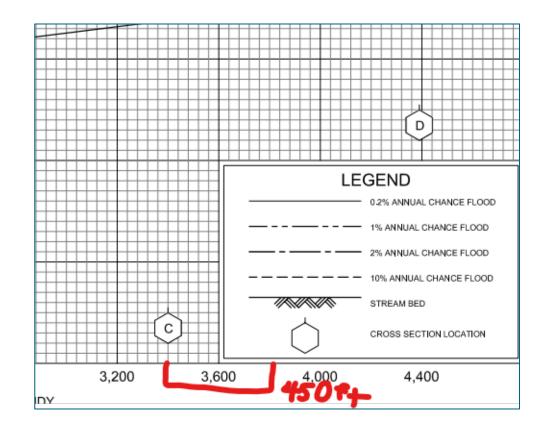
Step 4: Find the correct Flood Profile

- Open the Flood Insurnace Study for the County. In this case, we are looking at Lancaster County's
- Find the Flood Profile for the correct river or stream showing the correct cross-sections. For this example, it is the Little Nemaha River



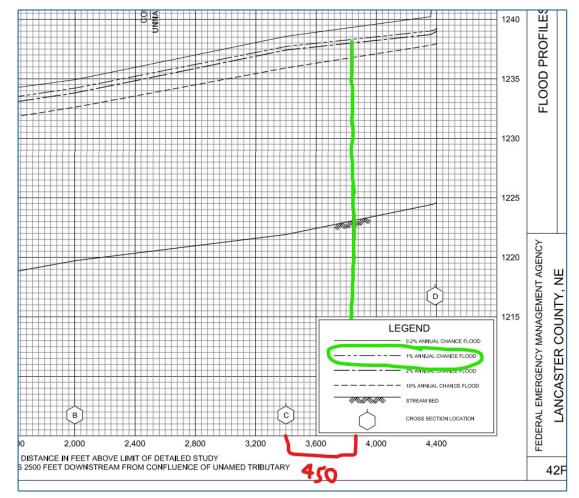
Step 5: Measure the stream distance

- Starting at the cross-section you measured from in Step 3, measure that same distance following the Xaxis
 - In this case, it was about 450ft (refer to step 3).



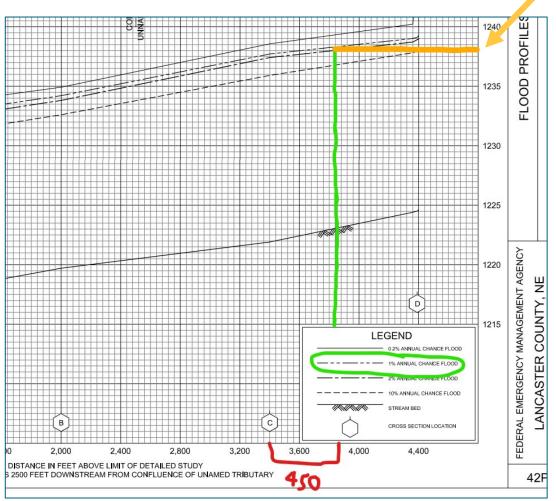
Step 6: Find the 1% annual chance line

 Draw/follow a line from that distance until it intersects with the 1% annual chance line shown on the chart



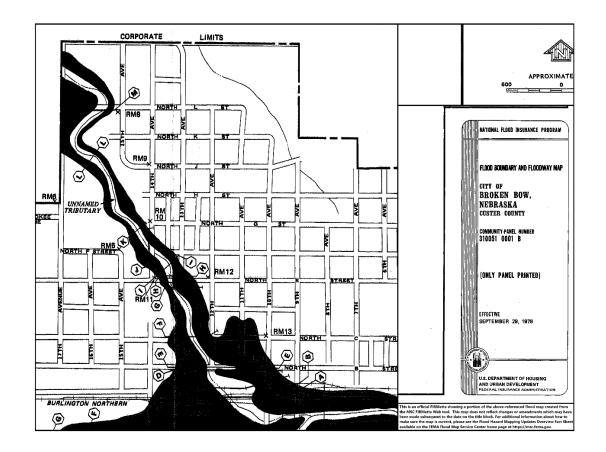
Step 7: Determine the BFE

- Use the Y-axis to determine the BFE
- Remember, interpolate to the nearest 10th of a foot
- This BFE is nearest to 1238.1ft



Paper Maps

- Communities with paper maps may have to use their paper
 FIRM panels and follow the exact steps 1-3
- FIRM panels can be downloaded from the FEMA MSC
- Note: the floodway map is likely a separate map from the FIRM panel(s)



NeDNR's *Current* Model Floodplain Development Permit Application



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The Current Model Floodplain Development Permit Application

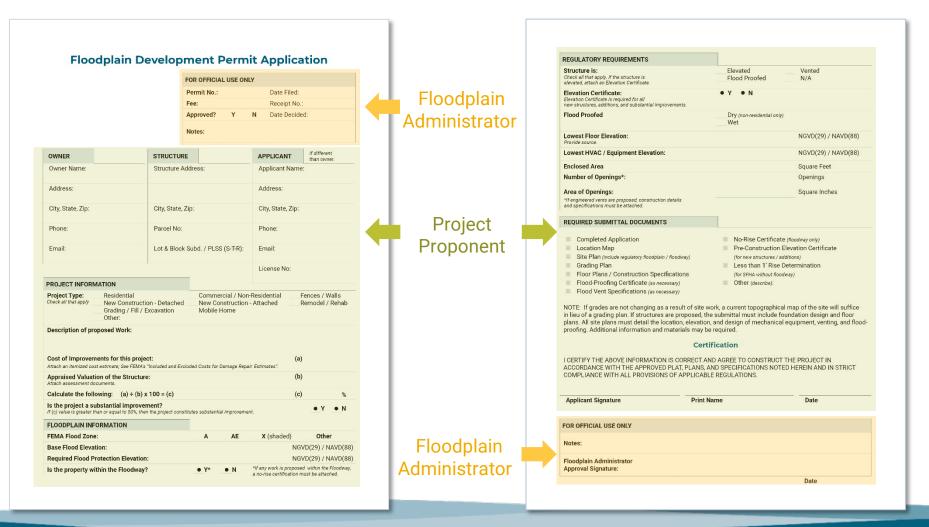
- Released June 2020
- Copy available on NeDNR website
- Generic
- Does not account for cumulative improvement regs

		FOR OFFICIA	L USE ON	ILY		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Jurisdiction:				
Place		Permit No.:	Date Filed	ate Filed:		
Jurisdiction Seal		Fee:		Receipt No.:		
		Approved?	YI	N Date Deci	ded:	
		Notes:				
OWNER	STRUCTUR	RE		APPLICANT	If different than ow	
Owner Name:	Structure A	Address:		Applicant Na		ner.
]		
Address:				Address:		
City, State, Zip:	City, State,	City, State, Zip:		City, State, Zip:		
Phone:	Parcel No:			Phone:		
Filone.	Parcer No:			Priorie.		
Email:	Lot & Block	Lot & Block Subd. / PLSS (S-T-R):		Email:		
				License No:		
Project Type: Residential Check all that apply New Constr Grading / Fi	ruction - Detached		nstruction	License No: h-Residential h - Attached	Fences / Remodel ,	
Project Type: Residential Check all that apply New Constr Grading / Fi Other:		New Cor	nstruction	n-Residential		
Project Type: Residential Check all that apply New Constr Grading / Fi Other: Description of proposed Work:	ill / Excavation	New Cor	nstruction	n-Residential - Attached		
Project Type: Residential Check all that apply New Const Grading / Fi Other: Description of proposed Work: Cost of Improvements for this p Attach an itemized cost estimate; See FE	ill / Excavation roject: MA's 'Included and Exc	New Cor Mobile H	nstruction Iome	eir Estimates".	Remodel , (a)	
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Check all that apply New Const Grading / T Description of proposed Work: Cost of Improvements for this p Attach an itemized cost estimate, See FE Appraised Valuation of the Stru Attach assessment documents.	roject: MA's 'Included and Exc cture: (b) x 100 = (c) ovement?	New Con Mobile H	hstruction łome	air Estimates".	(a) (b) (c)	/ Reha
Project Type: Check all that apply Creating / Fi Other: Description of proposed Work: Cost of Improvements for this p Attach an itemized cost estimate; See FE Appraised Valuation of the Struk Attach assessment documents. Calculate the following: (a) \neq 15 the project a substantial impr ff(c) value is greater than or equal to 500	roject: MA's 'Included and Exc cture: (b) x 100 = (c) ovement?	New Con Mobile H	hstruction łome	air Estimates".	(a) (b) (c)	/ Reha
Project Type: Check all that apply Project all that apply Provide the second	roject: MA's 'Included and Exc cture: (b) x 100 = (c) ovement?	I New Cor Mobile H	hstruction Iome Damage Rep I improvem	air Estimates".	(a) (b) (c) Y	r Reha
Project Type: Check all that apply Provide the apply Check all that apply Constant of the apply Constant of the apply Cost of Improvements for this p Attach an itemized cost estimate: See Type Attach assessment documents. Calculate the following: (a) ÷ Is the project a substantial impr (fc) value is project than or equal to S07 FLOODPLAIN INFORMATION FEMA Flood Zone:	roject: MA's 'Included and En cture: (b) x 100 = (c) ovement? b, then the project const	I New Cor Mobile H	hstruction Iome Damage Rep I improvem	n-Residential - Attached air Estimates". ent. X (shaded) N	(a) (b) (c) V	9 9 0 NavD(

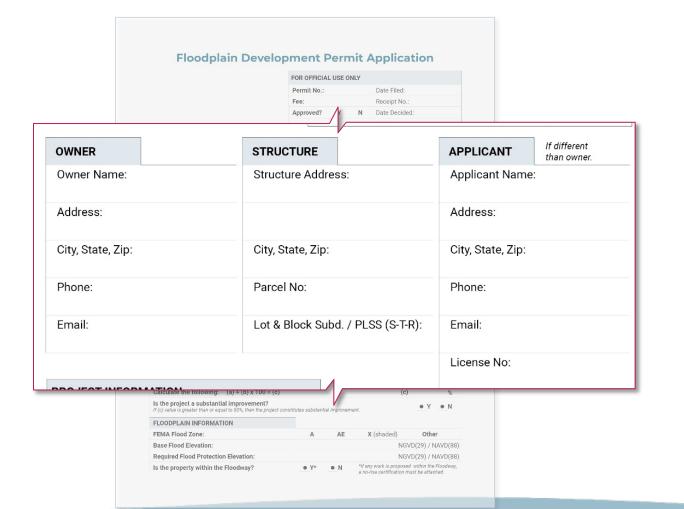
REGULATORY REQUIREMENTS Structure is: Elevated Vented Check all that apply. If the structure is elevated, attach an Elevation Certificat Flood Proofed N/A Elevation Certificate: OY ON Elevation Certificate is required for all new structures, additions, and substantial improvements Flood Proofed DTV (non-residential only) Wet Lowest Floor Elevation: NGVD(29) / NAVD(88) Provide source Lowest HVAC / Equipment Elevation: NGVD(29) / NAVD(88) Enclosed Area Square Feet Number of Openings* Openings Area of Openings: Square Inches *If engineered vents are proposed, construction details and specifications must be attached REQUIRED SUBMITTAL DOCUMENTS Completed Application No-Rise Certificate (floodway only) Location Map Pre-Construction Elevation Certificate Site Plan (include regulatory floodplain / floodway) (for new structures / additions) Grading Plan Less than 1' Rise Determination Floor Plans / Construction Specifications (for SFHA without floodway) Flood-Proofing Certificate (as necessary) Other (describe): Flood Vent Specifications (as necessary) NOTE: If grades are not changing as a result of site work, a current topographical map of the site will suffice in lieu of a grading plan. If structures are proposed, the submittal must include foundation design and floor plans. All site plans must detail the location, elevation, and design of mechanical equipment, venting, and floodproofing. Additional information and materials may be required. Certification I CERTIFY THE ABOVE INFORMATION IS CORRECT AND AGREE TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE APPROVED PLAT, PLANS, AND SPECIFICATIONS NOTED HEREIN AND IN STRICT COMPLIANCE WITH ALL PROVISIONS OF APPLICABLE REGULATIONS Applicant Signature Print Name Date FOR OFFICIAL USE ONLY Floodplain Administrator Approval Approval Signature Date: Permit Expiration Notes: Date 96 | Appendice

https://dnr.nebraska.gov/floodplain/digital-desk-reference

Who Completes What?



Contacts Information



- Applicant = Primary Contact
- Check licenses:
 - NE Board of Engineers and Architects
 - NE Department of Labor Contractor Registration
 - NE State Surveyor

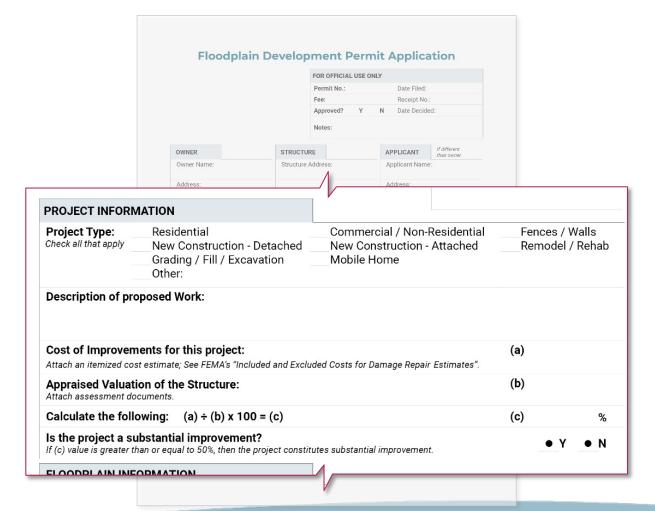
https://dol.nebraska.gov/conreg/Search https://www.nebraska.gov/ea/search/search.php https://nbels.nebraska.gov/lsalpha.html

Project Information

	Floodplain Develo	pment Per	mit Applica	ation		
		FOR OFFICIAL USE	ONLY			
		Permit No.:	Date Filed:			
		Fee:	Receipt No			
		Approved? Y	N Date Decid	ed:		
		Notes:				
	OWNER STRUCT Owner Name: Structure	URE e Address	APPLICANT Applicant Nam	If different than owner. e:		
PROJECT INFORM	ATION					
Project Type: Check all that apply	Residential New Construction - Detache Grading / Fill / Excavation Other:	ed New	mercial / No Constructio ile Home	n-Residential n - Attached		s / Walls lel / Rehab
Description of pro	posed Work:					
	ents for this project: t estimate; See FEMA's "Included and E	Excluded Costs	for Damage Rej	pair Estimates".	(a)	
Appraised Valuation	on of the Structure: suments.				(b)	
Calculate the follo	wing: (a) ÷ (b) x 100 = (c)				(c)	%
	bstantial improvement? an or equal to 50%, then the project co	nstitutes subst	antial improven	ient.	•	Y • N
				······································		
	Is the property within the Floodway?	• Y • N	*If any work is propos a no-rise certification	ed within the Floodway, must be attached.		

- Description includes the *full* scope of work
- Attach pages as necessary to describe
- Do supporting documents and description align?
- Local jurisdictions must obey their own floodplain ordinance and obtain a floodplain development permit

Project Information cont.

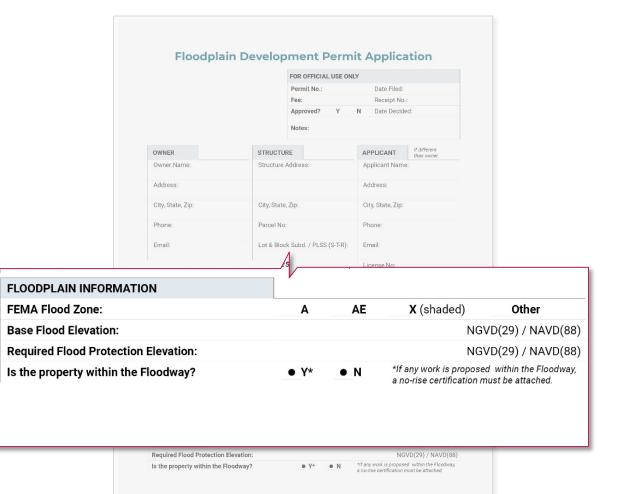


- Substantial Improvement must be evaluated for improvements to any *existing* structures
 - This includes repair work on damaged structures
- Most assessor data is online
- Refer to FEMA **P-758** Substantial Improvement / Substantial Damage Desk Reference for assistance
- Permit form doesn't account for *cumulative* improvements

https://dnr.nebraska.gov/floodplain/digitaldesk-reference

https://www.fema.gov/sites/default/files/documents/fema_nfip_substantialimprovement-substantial-damage-desk-reference.pdf

Floodplain Information



- Flood zone & mapping status drive floodplain requirements in local jurisdictions
- Local ordinances are derived from 44 CFR 60.3 & NAC Title 455 Chapter 1
- NeDNR provides model floodplain ordinances to local communities
- Nebraska has 1' freeboard requirement

Floodplain Information cont.

	Floodplain De	evelopi	ment Perm	it Applica	ition	
			FOR OFFICIAL USE ON	LY		
			Permit No.:	Date Filed:		
			Fee:	Receipt No.:		
			Approved? Y	N Date Decide	ed:	
			Notes:			
	OWNER	STRUCTUR	E	APPLICANT	If different than owner.	
	Owner Name:	Structure A	ddress:	Applicant Name		
	Address:			Address:		
	City, State, Zip:	City, State, 2	Zip:	City, State, Zip:		
	Phone:	Parcel No:		Phone:		
	Email:	Lot & Block	Subd. / PLSS (S-T-R):	Email:		
				License No:		
	PROJECT INFORMATION					
	Project Type: Residential Check all that apply New Construction Grading / Fill / E Other:		Commercial / Nor New Construction Mobile Home		Fences / Walls Remodel / Rehab	
FLOODPLAIN INFORMATION						
FEMA Flood Zone:		Α	AE	X (s	shaded)	Other
Base Flood Elevation:					NG	VD(29) / NAVD(88)
Required Flood Protection Elev	vation:				NG	VD(29) / NAVD(88)
Is the property within the Floo	dway?	• Y ²	* ● N			d within the Floodway, nust be attached.

- "Is the Property within the Floodway? If yes:
 - No-Rise Certification required
 - No-rise means 0.00 feet
 - No-rise process and certificate template available on NeDNR website
 - NeDNR is available to assist in reviewing the no-rise documentation
 - New structures for human habitation are prohibited in the Floodway. This includes substantially damaged or improved existing structures.

Regulatory Requirements

Structure is:		Elevated Vented	
Check all that app	oly. If the structure is an Elevation Certificate.	Flood Proofed N/A	
	tificate: ate is required for all dditions, and substantial improvement:	● Y ● N 5.	
Flood Proofed	4	Dry (non-residential only) Wet	
Lowest Floor Provide source.	Elevation:	NGVD(29)	/ NAVD(88
Lowest HVAC	/ Equipment Elevation:	NGVD(29)	/ NAVD(88
Enclosed Area	а	Square Fe	et
Number of Op	penings*:	Openings	
	-		ches
Area of Openi	-	Openings	ches
Area of Openi	ings: nts are proposed, construction details	Openings	ches
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	ings: nts are proposed, construction details s must be attached. I CERTIFY THE ABOVE INFORMATION IS CORF ACCORDANCE WITH THE APPROVED PLAT, PI COMPLIANCE WITH ALL PROVISIONS OF APP Applicant Signature FOR OFFICIAL USE ONLY	Certification Ce	ches

- Where proponent affirms structural compliance with regulations
- Retain copies of Elevation Certificates
- HVAC & Equipment = at least 1 foot above BFE
- Non-residential flood proofing? See Technical Bulletin 3
- Flood Openings? See Technical Bulletin 1
 - At least 2 openings, with net area of 1 square inch for every square foot of enclosed space

https://dnr.nebraska.gov/sites/default/files/doc/desk-reference/fematech-bulletins/fema_technical-bulletin-1_Flood_Openings_3-2020.pdf https://dnr.nebraska.gov/sites/default/files/doc/desk-reference/fematech-bulletins/fema_technical-bulletin-3_Dry_Floodproofed_1-2021.pdf

Required Submittal Documents

	REGULATORY REQUIREMENTS		
	Structure is: Check all that apply. If the structure is elevated, attach an Elevation Certificate.	Elevated Vented Flood Proofed N/A	
	Elevation Certificate: Elevation Certificate is required for all new structures, additions, and substantial improvements.	• Y • N	
	Flood Proofed	D non-residential only)	
REQUIRED SUBMIT	TAL DOCUMENTS		
Completed Ap	plication	No-Rise Certificate (floodway only)	
Location Map		Pre-Construction Elevation Certificate	

- Site Plan (include regulatory floodplain / floodway)
- Grading Plan
- Floor Plans / Construction Specifications
- Flood-Proofing Certificate (as necessary)
- Flood Vent Specifications (as necessary)

- Pre-Construction Elevation Certificate (for new structures / additions)
- Less than 1' Rise Determination (for SFHA without floodway)
- Other (describe):

NOTE: If grades are not changing as a result of site work, a current topographical map of the site will suffice in lieu of a grading plan. If structures are proposed, the submittal must include foundation design and floor plans. All site plans must detail the location, elevation, and design of mechanical equipment, venting, and floodproofing. Additional information and materials may be required.

Certification

I CERTIFY THE ABOVE INFORMATION IS CORRECT AND AGREE TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE APPROVED PLAT, PLANS, AND SPECIFICATIONS NOTED HEREIN AND IN STRICT COMPLIANCE WITH ALL PROVISIONS OF APPLICABLE REGULATIONS.

Applicant Signature

Print Name

Date

- Floodplain Administrators must be provided adequate information to allow them to do their job
- The "Burden of proof" is on the project proponent
- Approvals should not be made on promise of receipt of supporting documents
 - Only approve the permit if all required submittal documents are provided

Approval/Denial

	REGULATORY REQUIREMENTS Structure is: Check all that apply. If the structure is	Elevated	Vented	
	Check an thet appy: In the structure is elevated, attach an Elevation Certificate. Elevation Certificate: Elevation Certificate is required for all new structures, additions, and substantial improvements.	Flood Proofed Y N	N/A	
	Flood Proofed	Dry (non-residential only) Wet		
	Lowest Floor Elevation: Provide source.		NGVD(29) / NAVD(88)	
	Lowest HVAC / Equipment Elevation:		NGVD(29) / NAVD(88)	
	Enclosed Area		Square Feet	
	Number of Openings*: Area of Openings: "If engineered vents are proposed, construction details and specifications must be attached.		Openings Square Inches	
	REQUIRED SUBMITTAL DOCUMENTS			
	Completed Application Location Map Site Plan (notube regulatory floodplain / floodway) Grading Plan Floor Plans / Construction Specifications Flood-Proofing Certificate (as necessary) Flood Vent Specifications (as necessary) NOTE: If grades are not changing as a result of site v in lieu of a grading plan. If structures are proposed, t plans. All site plans must detail the location, elevation	ne sybmittal must include foun	vation Certificate ons) ermination y) nap of the site will suffice dation design and floor	
FOR OFFICIAL USE ON	LY			
Notes:				
Floodplain Administra Approval Signature:	tor			
				Date

- When signed by the Floodplain Administrator, the application becomes the valid floodplain development permit
- Only sign when adequate documentation has been provided to assure compliance
- Do not sign on good faith
- Keep floodplain development permits with other permits
- Add any additional information in the "Notes:" Section
 - Such as a permit expiration date

Other Permits

Direct at that algo y, if it and algo y, if it a structure a Flood Proofed N/A Elevation Certificate: PY • N Elevation Certificate: Dry (non-residential only) Wet Dry (non-residential only) Lowest Floor Elevation: NGVD(29) / NAVD(88) Enclosed Area Square Feet Number of Openings*: Openings Area of Openings*: Openings If engineered writs are gropposed, construction details Square Feet Number of Openings*: Openings Completed Application Square Inches If engineered include equation Square Inches If engineered include equation Square Inches If engineered include equation Pre-Construction Elevation Image: Step Elevation Certificate (flood/way only) Step Elevation Certificate (flood/way only) If loor Plans / Construction Specifications Less than 1' Rise Determination Image: Flood Proofing Certificate (as necessary) Other (describe); Image: Flood Proofing Certificate (as necessary) Other (describe); Image: Construction Specifications Less than 1' Rise Determination Image: Flood Proofing Certificate (as necessary) Other (describe);		REGULATORY REQUIREMENTS Structure is:	Elevated Vented	
Flood Proofed Dry (non-vesidential only) Wet Lowest Floor Elevation: Provide source. NGVD(29) / NAVD(88) Lowest HVAC / Equipment Elevation: NGVD(29) / NAVD(88) Enclosed Area Square Feet Number of Openings: Openings area of Openings: Square Inches Grading Plan Coubenter Openings G		Elevation Certificate: Elevation Certificate is required for all	Flood Proofed N/A	
Provide source. NGVD(29) / NAVD(88) Lowest HVAC / Equipment Elevation: NGVD(29) / NAVD(88) Enclosed Area Square Feet Number of Openings*: Openings Area of Openings: Square Inches "If engineered werts are proposed, construction details and specifications must be stratched: Square Inches REQUIRED SUBMITTAL DOCUMENTS No-Rise Certificate (floodway only) Location Map Pre-Construction Elevation Certificate (for new structures / additions) Grading Plan Construction Specifications (for SHA without Hoodway) Floor Plans / Construction (sa necessary) Other (describe): Floor Plans / Constructions (sa necessary) Other (describe): NOTE: If grades are not changing as a result of site work, a current topographical map of the site will suffice in lieu of a grading plan. If succurves are proposed, the sympirital must include foundation design and floor				
Enclosed Area Square Feet Number of Openings*: Openings Area of Openings: Square Inches "If engineered wents are proposed, construction details and specifications must be attached. Square Inches REQUIRED SUBMITTAL DOCUMENTS No-Rise Certificate (floodway only) Location Map Pre-Construction Elevation Certificate (floodway) Grading Plan No-Rise Certificate (modway only) Grading Plan Lees than 1' Rise Determination Floor Plans / Construction Specifications (for new structures / additions) Floor Plans / Construction Specifications (for SH4 without Hoodway) Floor Plans / Construction Specifications (for SH4 without Hoodway) Floor Vent Specifications (as necessary) Other (describe): Flood Vent Specifications (as necessary) Other (describe): <			NGVD(29) / NAVD(88)	
Number of Openings*: Openings Area of Openings: Square Inches "If engineered vents are proposed, construction details and specifications must be attached. Square Inches REQUIRED SUBMITTAL DOCUMENTS No-Rise Certificate (floodway only) Location Map Pre-Construction Elevation Certificate Site Plan (include regulatory floodplain / floodway) (for new structures / additions) Grading Plan Leses than 1' Rise Determination Floor Plans / Construction (ser seesary) Other (describe): Floor Plans / Constructions (an ecessary) Other (describe): Floor Plans / adding plan if structures are proposed, the symposited map of the site will suffice in lieu of a grading plan. If structures are proposed, the symposited map of the site will suffice		Lowest HVAC / Equipment Elevation:	NGVD(29) / NAVD(88)	
Area of Openings: Square Inches "If explored writs are proposed, construction details and specifications must be strached: Square Inches REQUIRED SUBMITTAL DOCUMENTS No-Rise Certificate (floodway only) Location Map Pre-Construction Elevation Certificate (for new structures / additions) Grading Plan Construction Specifications (for SHA window floodway) Floor Plank / Construction Specifications (for SHA window floodway) Leas than 1' Rise Determination (for SHA window floodway) Floor Plank / Construction Specifications (for SHA window floodway) Other (describe): Floor Plank / Constructions (sa necessary) Other (describe): NOTE: If grades are not changing as a result of site work, a current topographical map of the site will suffice in lieu of a grading plan. If structures are proposed, the sympirital must include foundation design and floor				
"If engineered wents are proposed, construction details and specifications must be strached. REQUIRED SUBMITTAL DOCUMENTS Completed Application No-Rise Certificate (floodway only) Location Map Pre-Construction Elevation Certificate Site Plan (include regulatory floodplain / floodway) (for new structures / additions) Grading Plan Lees than 1' Rise Determination Floor Plans / Construction Specifications (for servicus elevation down) Flood Proofing Certificate (as necessary) Other (describe): Flood Vent Specifications (as necessary) Other (describe): Flood Vent Specifications (as a result of site work, a current topographical map of the site will suffice in lieu of a grading plan. I' Structures are proposed, the sygmittal must include foundation design and floor		Number of Openings*:	Openings	
Completed Application No-Rise Certificate (floodway only) Location Map Pre-Construction Elevation Certificate Site Plan (include regulatory floodplain / floodway) (for new structures / additions) Grading Plan Less than 1' Rise Determination Floor Plans / Construction Specifications (for SHA without / floodway) Floor Plans / Construction specifications (for Generation and the context) Floor Plans / Construction specifications (for Generation and the context) Floor Plans / Constructions (as necessary) Other (describe): Floor Vent Specifications (as necessary) Other (describe): NOTE: If grades are not changing as a result of site work, a current topographical map of the site will suffice in lieu of a grading plan. If structures are proposed, the symmital must include foundation design and floor		*If engineered vents are proposed, construction details	Square Inches	
Location Map Pre-Construction Elevation Certificate Site Plan (include regulatory floodplain / floodway) (for new structures / additions) Grading Plan Less than 1' flose Determination Floor Plans / Construction Specifications (for SFHA without floodway) Flood-Proofing Certificate (as necessary) Other (describe): Flood Vent Specifications (as necessary) Flood Vent Specifications (as necessary) NOTE: If grades are not changing as a result of site work, a current topographical map of the site will suffice in lieu of a grading plan. If structures are proposed, the sygmittal must include foundation design and floor		REQUIRED SUBMITTAL DOCUMENTS		
		Location Map Site Plan (include regulatory floodplain / floodway) Grading Plan Floor Plans / Construction Specifications Flood-Proofing Certificate (as necessary) Flood Vent Specifications (as necessary) NOTE: If grades are not changing as a result of site in lieu of a grading plan. If structures are proposed, t	 Pre-Construction Elevation Certificate (for new structures / additions) Less than 1' Rise Determination (for SFHA without floodney) Other (describe); work, a current topographical map of the site will suffice he sybmittal must include foundation design and floor 	
		437		
FOR OFFICIAL USE ONLY	FOR OFFICIAL USE ON	LY		
		LY		
Notes: Floodplain Administrator	Notes:			

- Understand the larger regulatory context
- Other permits may take precedence:
 - ✓ Building Permit
 - ✓ Zoning Permits
 - ✓ Endangered Species Determination
 - ✓ Wetland Permit
 - ✓ Septic System
 - ✓ USACE 404/408
 - ✓ Others?

Introducing NeDNR's New Model Floodplain Development Permit Applications Structural & Non-Structural



DEPT. OF NATURAL RESOURCES

NeDNR's New Model Permit Applications

- Separate permits for structural and nonstructural development
- More clarity on who is responsible for which sections
- The permit will also have instructions on how to fill out the different sections
- A new "Request for Information" (RFI) will be made available for FPAs when proposals are missing information

		FOR OFFICIAL USE ONLY
	Place	Ordinance / Resolution #:
	Jurisdiction	Date Filed: Jurisdiction:
	Seal	Date Decided: Permit No.: Approved? Y N Fee:
		Approved? Y N Pee: Notes:
		evelopment Permit Application
		d General Property Information
	Geotion A. Approvent and	icant Information If different than owner.
		icant Name:
		ress:
	FOR OFFICIAL USE ONLY	State, Zip:
Place	Ordinance / Resolution #:	ne:
Jurisdiction	Date Filed: Jurisdiction:	il:
Seal	Date Decided: Permit No.:	nse No.:
	Approved? Y N Fee: Notes:	
	Hotee.	
Structural Floodalain [Development Permit Application	-
	ddress and FPA Contact Information Here*	
,	nt and General Property Information	Proposed Project
ner Information	Applicant Information If different than owner.	
perty Owner Name:	Applicant Name:	
dress:		
	City, State, Zip:	
	Phone:	
ail:	Email:	
eInformation	License No.:	
dress:		torage tank Clearing
y, State, Zip:		er other service facilities Fill ert construction or alteration Mining
rcel #:		Drilling
t & Block Subd. / PLSS (S-T-R):		ehicle Park Grading
Secti	on B: Project Proposal	(Berm, piling of fill, etc.) Dredging
Project Narrative:		e certificate (floodway) han 1' rise determination (for SFHA w/o floodway) s of required state and federal permits pecific BFEs* R application**
Structural Development Activities Check all applic	able acitivities	of the site will suffice in lieu of a grading plan. All site plans must detail on and materials may be required
Activity:	Building Type:	
New Structure	Residential	es to base flood elevations, or changes to floodplain boundaries
Existing Structure:	Non-residential	
Demolition and Replacement	Multi-use Development	
Demolition	Manufactured Home	
Relocation/Elevation	Accessory Building (sq. footage)	
Alteration/Addition/Improvement	Other (describe):	
Repair after Damage		
oundation Type Check all that apply		
	Elevated on posts, piles, or piers with enclosure	
Slab		
Slab Basement	Above-ground crawlspace	
Slab		

Non-Structural Development Model Permit

- This is a simpler, more functional format of the model development permit with clear sections and easy checkboxes
- It may be used for developments such as mining, grading and storage of materials or equipment
- The permit also has instructions on how to fill out the different sections

	FOR OFFICIAL USE ONLY	
	Ordinance / Resolution #:	
Place Jurisdiction	Date Filed: Jurisdiction:	
Seal	Date Decided: Permit No.:	
L J	Approved? Y N Fee:	
	Notes:	
	Iain Development Permit Application ce Address and FPA Contact Information Here*	
Section A: Ap	plicant and General Property Information	
Owner Information	Applicant Information If different than owner.	
Property Owner Name:		_
Address:	Address:	_
Dity, State, Zip:	City, State, Zip:	
Phone:		
Email:		_
Site Information	License No.:	_
Address:		
Parcel #:		_
	B: Description of Proposed Project	_
		_ _ _
Section	B: Description of Proposed Project	
Section Project Narrative: Included Development Activities Check at that a	B: Description of Proposed Project	
Project Narrative: Included Development Activities Check al that a	B: Description of Proposed Project	
Section Project Narrative: Included Development Activities Check al that a Deck/Patio/Gazebo Metercourse Alteration	B: Description of Proposed Project pply Gas or liquid storage tank Clearing Utilities, well, or other service facilities Fill Bridge or culvert construction or alteration Mining	
Section Project Narrative: Included Development Activities Check al that a Deck/Patio/Gazebo Fence Road or trail construction Road or trail construction	B: Description of Proposed Project pply Gas or liquid storage tank Clearing Utilities, well, or other service facilities Fill Bridge or culvert construction or alteration Mining Subdivision Drilling	
Section Project Narrative: Included Development Activities Check all that a Deck/Patio/Gazebo Fence Watercourse Alteration Road or trail construction Exceavation or Removal of Fill	B: Description of Proposed Project pply Gas or liquid storage tank Clearing Utilities, well, or other service facilities Fill Bridge or culvert construction or alteration Mining Subdivision Drilling Carading C	
Section Project Narrative: Included Development Activities Check all that a Deck/Patio/Gazebo Fence Watercourse Alteration Road or trail construction Exceavation or Removal of Fill	B: Description of Proposed Project pply Gas or liquid storage tank Clearing Utilities, well, or other service facilities Fill Bridge or culvert construction or alteration Mining Subdivision Drilling	
Section Project Narrative: Included Development Activities Check all that a Deck/Patio/Gazebo Fence Watercourse Alteration Road or trail construction Excavation or Removal of Fill Other (describe): ncluded Submittal Documents Check all that app	B: Description of Proposed Project pply Gas or liquid storage tank Clearing Utilities, well, or other service facilities Fill Bridge or culvert construction or alteration Mining Subdivision Drilling Recreational Vehicle Park Grading Flood Control (Berm, piling of fill, etc.) Dredging by	
Section Project Narrative: Included Development Activities Check al that a Deck/Patio/Gazebo Fence Haterocurse Alteration Road of trail construction Excavation or Removal of Fill Completed application Completed application	B: Description of Proposed Project pply Gas or liquid storage tank Clearing Utilities, well, or other service facilities Fill Bridge or culvert construction or alteration Diriling Recreational Vehicle Park Grading Flood Control (Berm, piling of fill, etc.) Dredging yNo-rise certificate (floodway)	
Section Project Narrative: Included Development Activities Check all that a Deck/Patio/Gazebo Fence Watercourse Alteration Road or trail construction Excavation or Removal of Fill Other (describe): Completed application Location map with floodplain shown	B: Description of Proposed Project pply Gas or liquid storage tank Utilities, well, or other service facilities Fill Bridge or culvert construction or alteration Subdivision Subdivision Fild Subdiv	
Section Project Narrative: Included Development Activities Check al that a Deck/Patio/Gazebo Fence Watercourse Alteration Road or trail construction Excavation or Removal of Fill Completed application Completed application Location map with floodplain shown Site plan	B: Description of Proposed Project pply Gas or liquid storage tank Clearing Utilities, well, or other service facilities Fill Bridge or culvert construction or alteration Mining Subdivision Drilling Recreational Vehicle Park Grading Flood Control (Bern, piling of fill, etc.) Dredging //No-rise certificate (floodway)Less than 1' rise determination (for SFHA w/o floodway)Copies of required state and federal permits	
Section Project Narrative: Included Development Activities Check all that a Deck/Patio/Gazebo Fence Watercourse Alteration Road or trail construction Excavation or Removal of Fill Other (describe): Completed application Location map with floodplain shown	B: Description of Proposed Project pply Gas or liquid storage tank Utilities, well, or other service facilities Fill Bridge or culvert construction or alteration Subdivision Subdivision Fild Subdiv	
Section Project Narrative: Included Development Activities Check all that a Deck/Patio/Gazebo Fence Keator and Construction Code Submittal Documents Check all that app Completed application Location map with floodplain shown Site plan Grading plan*	B: Description of Proposed Project pply Gas or liquid storage tank Clearing Utilities, well, or other service facilities Fill Bridge or culvert construction or alteration Mining Subdivision Drilling Flood Control (Berm, piling of fill, etc.) Dredging yNo-rise certificate (floodway)Less than 1' rise determination (for SFHA w/o floodway)Copies of required state and federal permitsSite specific BFEs**	
Section Project Narrative: Included Development Activities Check al that a Deck/Patio/Gazebo Fence Road or trail construction Road or trail construction Completed application Location map with floodplain shown Site plan Grading plan* Grading plan* Construction specifications Other (describe):	B: Description of Proposed Project pply Gas or liquid storage tank Clearing Utilities, well, or other service facilities Fill Bridge or culvert construction or alteration Mining Subdivision Drilling Flood Control (Berm, piling of fill, etc.) Dredging yNo-rise certificate (floodway)Less than 1' rise determination (for SFHA w/o floodway)Copies of required state and federal permitsSite specific BFEs**	

Non-Structural Development Model Permit

Place Jurisdiction Seal

FOR OFFICIAL USE ONLY	
Ordinance / Resolution #:	
Date Filed:	Jurisdiction:
Date Decided:	Permit No.:
Approved? Y N	Fee:
Notes:	

Non-structural Floodplain Development Permit Application

Insert Community Office Address and FPA Contact Information Here

Section A: Applicant and General Property Information	
---	--

Owner Information	Applicant Information If different than owner.
Property Owner Name:	Applicant Name:
Address:	
City, State, Zip:	
Phone:	
Email:	
Site Information	License No.:
Lot & Block Subd. / PLSS (S-T-R):	

Section B: Description of Proposed Project					
ve:					

Included Development Activities Check all that apply

Project Narrati

	Deck/Patio/Gazebo Fence Watercourse Alteration Road or trail construction Excavation or Removal of Fill Other (describe):	_	Gas or liquid storage tank Utilities, well, or other service facilities Bridge or culvert construction or alteration Subdivision Recreational Vehicle Park Flood Control (Berm, pilling of fill, etc.)	Ξ	Clearing Fill Mining Drilling Grading Dredging	
Include	ed Submittal Documents Check all that a	pply				

Completed application	No-rise certificate (floodway)
Location map with floodplain shown	Less than 1' rise determination (for SFHA w/o floodway)
Site plan	Copies of required state and federal permits
Grading plan*	Site specific BFEs**
Construction specifications	CLOMR application***
Other (describe)	

* If grades are not changing as a result of site work, a current topographical map of the site will suffice in lieu of a grading plan. All site plans must detail the location, elevation, and design of mechanical equipment. Additional information and materials may be required ** For development lamore than 5 acres or 50 location.

***For developments resulting in floodwater rise above permissible levels, changes to base flood elevations, or changes to floodplain boundaries

				Permit No.:	
	Section C: Applicar				
I (APPLICANT) CERTIFY THE AE IN ACCORDANCE WITH THE AP COMPLIANCE WITH ALL PROVI D BELOW. I AGREE TO NOT BEG FLOODPLAIN ADMINISTRATOR	PROVVED PLAT, PLANS, AND SIONS OF APPLICABLE REGU IN DEVELOPMENT ACTIVITIES	SPECIFICATION: LATIONS INCLUE	S NOTED HER	EIN AND IN STRIC	TION
I UNDERSTAND THAT AN APPR VIOLATION OF ANY PROVISION			AY BE REVO	KED AT ANY TIME	UPON
I HEREBY REQUEST A FLOODPL WITHIN THE (INSERT COMMUN		ON THE ABOVE (ESCRIBE RE	AL PROPERTY, LOC	ATED
	<i>p</i>				
Applicant Signature	Print Name			Date	
	tion D: To Be Completed by t	he Floodplain A	dministrator		
loodplain Information					
FEMA Flood Zone:	A AE	A0	X (shad	led) Othe	er
Base Flood Elevation:	NGVD (29) / NAVD (88)			
Source of BFE: FIRM	/ FIS NeDNR Deterr	nination	Other:		
Required Flood Protection Elevat	tion:N	GVD (29) / NAV	D (88)		
Is the proposed development wit	thin a designated Floodway?	Yes	No		
If yes, does this application inclu	de a certificate of no-rise	Yes	No	*If no, the permit may	
from a registered, professional er	ngineer?			approved until a no-ri	ise is provideo
Is the proposed development in a without a designated floodway?	an A or AE zone	Yes	No		
If yes, does this application includ development will result in less that water rise?		Yes	No	*If no, the permit may approved until a deter rise is provided	
or Developments in all Flood Zone	es				
Yes No N/	A Anchored?				
YesNoN/	A Materials and equ	pment are resis	tant to flood	ing?	
YesNoN/	A Minimizes flood da	amage and is re	asonably saf	fe from flooding?	
Yes No N/	A Provides adequate	drainage to rec	luce exposur	e to flood hazard	s?
Yes No N//	A All electrical, heati other service facili entry of floodwate	ties have been of	air conditioni designed and	ng, plumbing, and I located to preve	any nt
Yes No N//	A Materials that are injurious to humar				approved
Application Determination: F	or Official Use Only				
Permit Approved	Additional Informa	tion Required *s	iee attached	Permit D	enied
If Approved:					
Floodplain Administrator Sig	nature Permit Appr	oval Date	Porm	nit Expiration Date	
riooupiain Auministrator Sig	nature i ciniit Appi	ovarbute	i en	at expiration bate	·

Non-Structural Development Model Permit

	Permit No.:	
Sect	on D: To Be Completed by the Floodplain Admin	istrator
Floodplain Information		
FEMA Flood Zone:	A AE AO	X (shaded) Other
Base Flood Elevation:	NGVD (29) / NAVD (88)	
Source of BFE: FIRM	FIS NeDNR Determination Ot	her:
Required Flood Protection Elevat	on:NGVD (29) / NAVD (88	3)
Is the proposed development wit	in a designated Floodway? Yes	No
If yes, does this application includ from a registered, professional er		No *If no, the permit may not be approved until a no-rise is provided
Is the proposed development in a without a designated floodway?	A or AE zone Yes	_ No
If yes, does this application includ development will result in less that water rise?		No *If no, the permit may not be approved until a determination of rise is provided
For Developments in all Flood Zone	5	
Yes No N/4	Anchored?	
YesNoN/A	Materials and equipment are resistant	to flooding?
Yes No N/4	Minimizes flood damage and is reason	ably safe from flooding?
Yes No N/4	Provides adequate drainage to reduce	exposure to flood hazards?
Yes No N/4	All electrical, heating, ventilation, air co other service facilities have been desig entry of floodwaters?	nditioning, plumbing, and any ned and located to prevent
Yes No N/4	Materials that are buoyant, flammable, injurious to human, animal, or plant life	explosive, or could be ? *if yes, the permit cannot be approved
Application Determination: Fo	r Official Use Only	
Permit Approved	Additional Information Required *See att	ached Permit Denied
If Approved:		
Floodplain Administrator Sig	ature Permit Approval Date	Permit Expiration Date

- Flood Zone determination
- BFE & Source
- Floodway Regulations (if applicable)
- Other requirements for development
- Approval, Denial, FPA Signature

Structural Development Model Permit

• Again, this is a simpler more functional format of the model development permit with clear sections and easy checkboxes

 It may be used for structural developments such as residential and nonresidential structures

	FOR OFFICIAL USE ONLY			
	Ordinance / Resolution #:			
Place	Date Filed: Jurisdiction:			
Jurisdiction Seal	Date Decided: Permit No.:			
Sedi	Approved? Y N Fee:			
	Notes:			
Structural Floodplain Development Permit Application				
Insert Community Office Ad	ddress and FPA Contact Information Here			
Section A: Applica	nt and General Property Information			
Owner Information	Applicant Information If different then owner.			
Property Owner Name:	Applicant Name:			
Address:	Address:			
City, State, Zip:	City, State, Zip:			
Phone:	Phone:			
Email:	Email:			
Site Information	License No.:			
Address:				
City, State, Zip:				
Parcel #:				
Lot & Block Subd. / PLSS (S-T-R);				
LOT & BIOCK SUDU. / PLSS (S-I-R).				
Secti	on B: Project Proposal			
	on B: Project Proposal			
Secti				
Secti				
Secti Project Narrative: For Structural Development Activities Check all applic	able activities			
Secti Project Narrative: For Structural Development Activities Check all applic Activity:	able activities Building Type:			
Secti Project Narrative: For Structural Development Activities Check all applic Activity: New Structure	able activities Building Type: Residential			
Secti Project Narrative: For Structural Development Activities Check all applic Activity: New Structure Existing Structure:	able activities Building Type: Residential Non-residential			
Secti Project Narrative: For Structural Development Activities Check all applic Activity: New Structure Kisting Structure: Demolition and Replacement	able activities Building Type: Residential Non-residential Mutt-use Development			
Secti Project Narrative: For Structural Development Activities Check all applic Activity: New Structure Existing Structure: Demolition and Replacement Demolition	able activities Building Type: Residential Non-residential Multi-use Development Maufactured Home			
Secti Project Narrative: For Structural Development Activities Check all applic Activity: New Structure Existing Structure: Demolition and Replacement Demolition Relocation/Elevation	able activities Building Type: Residential Non-residential Multi-use Development Mauffactured Home Accessory Building (sq. footage)			
Secti Project Narrative: For Structural Development Activities Check all applic Activity: New Structure Existing Structure: Demolition and Replacement Demolition Relocation/Elevation Atteration/Addition/Improvement Repair after Damage	able activities Building Type: Residential Non-residential Multi-use Development Mauffactured Home Accessory Building (sq. footage)			
Secti Project Narrative: For Structural Development Activities Check all applic Activity: New Structure Existing Structure: Demolition and Replacement Demolition Activation/Elevation Activation/Elevation Activation/Improvement	able activities Building Type: — Residential — Non-residential — Mult-use Development — Manufactured Home — Accessory Building (sq. footage) — Other (describe):			
Secti Project Narrative: For Structural Development Activities Check all applie Activity: New Structure Existing Structure: Demolition and Replacement Demolition Relocation/Elevation Repair after Damage Foundation Type Check all that apply Slab	able activities Building Type: Residential Non-residential Multi-use Development Manufactured Home Accessory Building (sq. footage) Other (describe): Elevated on posts, piles, or piers with enclosure			
Secti Project Narrative: For Structural Development Activities Check all applic Activity: New Structure Existing Structure: Demolition and Replacement Demolition Replait after Damage Foundation Type Check all that apply Slab Basement	able activities Building Type: Residential Non-residential Multi-use Development Manufactured Home Accessory Building (sq. footage) Other (describe): Elevated on posts, piles, or piers with enclosure Above-ground crawlspace			
Secti Project Narrative: For Structural Development Activities Check all applie Activity: New Structure Existing Structure: Demolition and Replacement Demolition Relocation/Elevation Repair after Damage Foundation Type Check all that apply Slab	able activities Building Type: Residential Non-residential Multi-use Development Manufactured Home Accessory Building (sq. footage) Other (describe): Elevated on posts, piles, or piers with enclosure			

Structural Development Model Permit pgs. 1-2

Place urisdiction Seal

FOR OFFICIAL USE	ONLY
Ordinance / Resolut	on #:
Date Filed:	Jurisdiction:
Date Decided:	Permit No.:
Approved? Y	Fee:
Notes:	

Structural Floodplain Development Permit Application

Insert Community Office Address and FPA Contact Information Here

wner Information	Applicant Information If different than owner.		
roperty Owner Name:	Applicant Name:		
ddress:			
ity, State, Zip:			
hone:	Phone:		
mail:			
ite Information	License No.:		
ddress:			
ity, State, Zip:			
arcel #:			
ot & Block Subd. / PLSS (S-T-R):			
Secti	on B: Project Proposal		
Project Narrative:			
Project Narrative:			
Project Narrative: or Structural Development Activities Check all applic. Activity: New Structure	able activities		
Project Narrative: or Structural Development Activities Check all applic. Activity:	ible activities Building Type: Residential Non-residential		
Project Narrative: or Structural Development Activities Check all applic. Activity: — New Structure — Existing Structure: — Demolition and Replacement	ible activities Building Type: Residential Non-residential Muti-use Development		
Project Narrative: or Structural Development Activities Check all applic. Activity: New Structure Existing Structure: Demolition and Replacement Demolition	able activities Building Type: Residential Non-residential Mult-use Development Manufactured Home		
Project Narrative: or Structural Development Activities Check all applics Activity: New Structure Existing Structure: Demolition and Replacement Demolition Relocation/Elevation	able activities Building Type: Residential Non-residential Multi-use Development Multi-use Development Accessory Building (sq. footage)		
Project Narrative: or Structural Development Activities Check all applic. Activity: New Structure Existing Structure: Demolition and Replacement Demolition Relocation/Elevation Alteration/Addition/Improvement	able activities Building Type: Residential Non-residential Mult-use Development Manufactured Home		
Project Narrative: or Structural Development Activities Check all applics Activity: New Structure Existing Structure: Demolition and Replacement Demolition Relocation/Elevation	able activities Building Type: Residential Non-residential Multi-use Development Multi-use Development Accessory Building (sq. footage)		
Project Narrative: or Structural Development Activities Check all applic. Activity: New Structure Existing Structure: Demolition and Replacement Demolition Relocation/Elevation Alteration/Addition/Improvement	able activities Building Type: Residential Non-residential Multi-use Development Multi-use Development Accessory Building (sq. footage)		
Project Narrative: or Structural Development Activities Check all applic. Activity: New Structure Existing Structure: Demolition and Replacement Demolition Relocation/Elevation Alteration/Addition/Improvement Repair after Damage	able activities Building Type: Residential Non-residential Multi-use Development Multi-use Development Accessory Building (sq. footage)		
Project Narrative: or Structural Development Activities Check all applic. Activity: New Structure Demolition and Replacement Demolition and Replacement Demolition Alteration/Addition/Improvement Repair after Damage Foundation Type Check all that apply	able activities Building Type: — Residential — Non-residential — Multi-use Development — Manufactured Home — Accessory Building (sq. footage) — Other (describe):		

Included Development Activities Check all other activities related to this project

ncluded Development Activities Check a	Il other activities related to this project	
Deck/Patio/Gazebo	Gas or liquid storage tank	Clearing
Fence	Utilities, well, or other service facilities	Fill
Watercourse Alteration	Bridge or culvert construction or alteration	Mining
Road or trail construction	Subdivision	Drilling
Excavation or Removal of Fill	Recreational Vehicle Park	Grading
Dredging	— Flood Control (berms, piling of fill, etc.)	
Other (describe):		

Included Submittal Documents Check all that apply

- Completed application
- Location map with floodplain shown
- ____ Site plan
- ____ Grading plan
- Construction specifications
- Cost estimate for improvements/repairs
- Other (describe):
- Section C: Applicant Certification

____ No-rise certificate (floodway)

____ Site specific BFEs

____ CLOMR application

Less than 1' rise determination (for SFHA w/o floodway)

Copies of required state and federal permits

I (APPLICANT) CERTIFY THE ABOVE INFORMATION IS CORRECT AND AGREE TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE APPROVED PLAT, PLANS, AND SPECIFICATIONS NOTED HEREIN AND IN STRICT COMPLIANCE WITH ALL PROVISIONS OF APPLICABLE REGULATIONS INCLUDING THOSE OUTLINED IN SECTION D BELOW. I AGREE TO NOT BEGIN DEVELOPMENT ACTIVITIES UNTIL THIS APPLICATON IS APPROVED BY THE FLOODPLAIN ADMINISTRATOR.

I UNDERSTAND THAT UPON APPROVAL BY THE FLOOPPLAIN ADMINISTRATOR, THE PERMIT IS ISSUED WITH THE CONDITION THAT THE LOWEST FLOOR (INCLUDING BASEMENT) OF ANY NEW OR SUBSTANTIALLY IMPROVED RESIDENTIAL BUILDING WILL BE ELEVATED AT LEAST ONE FOOT ABOVE THE BASE FLOOD ELEVATION. IF THE PROPOSED DEVELOPMENT IS A NON-RESIDENTIAL BUILDING, THAT UPON APPROVAL BY THE FLOODPLAIN ADMINISTRATOR, THE PERMIT IS ISSUED WITH THE CONDITION THAT THE LOWEST FLOOR (INCLUDING BASEMENT) OF A NEW OR SUBSTANTIALLY IMPROVED NON-RESIDENTIAL BUILDING WILL BE ELEVATED OR FLOOPPROOFED AT LEAST ONE FOOT ABOVE THE BASE FLOOD ELEVATION.

I AGREE TO PROVIDE CERTIFICATION BY A REGISTERED, PROFESSIONAL ENGINEER, ARCHITECT, OR LAND SURVEYOR OF THE "AS-BUILT" LOWEST FLOOR ELEVATION (INCLUDING BASEMENT) OR FLOODPROOFED ELEVATION OF ANY NEW OR SUBSTANTIALLY IMPROVED BUILDING COVERED BY THIS PERMIT.

Print Name

I UNDERSTAND THAT AN APPROVED FLOODPLAIN DEVELOPMENT PERMIT MAY BE REVOKED AT ANY TIME UPON VIOLATION OF ANY PROVISIONS OF APPLICABLE REGULATIONS.

I HEREBY REQUEST A FLOODPLAIN DEVELOPMENT PERMIT ON THE ABOVE DESCRIBED REAL PROPERTY, LOCATED WITHIN THE (INSERT COMMUNITY NAME), NEBRASKA.

Applicant Signature

Date

Permit No.:

Structural Development Model Permit pgs. 3-4

loodplain Information	, ,
FEMA Flood Zone: A AE AO Floodway X	(shaded)Other
Base Flood Elevation: NGVD (29) NAVD (88)	
Source of BFE:FIRM / FISNeDNR DeterminationOther:	
Required Flood Protection Elevation (FPE): NGVD (29)NAVD (88)
egulatory Requirements	
Residential:	
Minimum required elevation of top of lowest floor: ft. (Required Fl	PE)
Enclosed area below lowest floor and below BFE?YesNo	
Requirements for enclosed area below BFE:	
Required Net Area of Openings: Square Inches	
Minimum required elevation for utilities/equipment:ft. (Required l	FPE)
Nonresidential:	
Permitted Mitigation Method(s): Elevation of the Lowest Floor to or above required FP	ΡE
Dry-floodproofing to or above required FPE	
Wet-floodproofing (only for pre-approved structures)	
Required Net Area of Openings: Square	Inches
Enclosed area below lowest floor and below BFE?YesNo	
Requirements for enclosed area below BFE:	
Required Net Area of Openings:Square Inches	
Permitted Mitigation Method for Utilities/Equipment: Elevation to or above required FP	
Dry-floodproofing to or above req	quired FPE
ubstantial Improvement Determination For improvements/additions of an existing structure	
Cost of Improvements: Attach an itemized cost estimate; See FEMA's *included and Excluded Costs for Damage Repair Estimates*	(a)
Value of Structure: Attach assessment documents	(b)
Calculate the following: (a) \div (b) x 100 = (c)	(c)
Is the project a substantial improvement? If (c) is greater than or equal to 50%, the project is a substantial improvement.	YN
If yes, project must meet applicable regulatory requirements listed above.	

Post Construction Requirements	Permit No.:
Post-Construction Requirements	N N
Elevation Certificate required post-constru- Must be completed by a Nebraska registered, profes	
Floodproofing Certificate required post-co	
Must be completed by a Nebraska registered, profes	
s the proposed development within a desig	anated Floodway? Yes No
	, ,
If yes, does this application include a cert from a registered, professional engineer?	
Is the proposed development in an A or AE without a designated floodway?	zoneYesNo
If yes, does this application include a dete the development will result in less than 1 floodwater rise?	
For Developments in all Flood Zones	
Yes No N/A	Anchored?
Yes No N/A	Materials and equipment are resistant to flooding?
Yes No N/A	Minimizes flood damage and is reasonably safe from flooding?
Yes No N/A	Provides adequate drainage to reduce exposure to flood hazards?
Yes No N/A	All electrical, heating, ventilation, air conditioning, plumbing, and any other service facilities have been designed and located to prevent entry of floodwaters?
Yes No N/A	Materials that are buoyant, flammable, explosive, or could be injurious to human, animal, or plant life?
Required Submittal Documents Check all that	t apply
Completed application	No-rise certificate (floodway)
Location map with floodplain shown	Less than 1' rise determination (for SFHA w/o floodway)
Site plan	Copies of required state and federal permits
Grading plan*	Site specific BFEs**
Construction specifications	CLOMR application***
Cost estimate for improvements/rep	airs
Other (describe):	
	a current topographical map of the site will suffice in lieu of a grading plan. All site plans must detail ipment. Additional information and materials may be required
** For developments larger than 5 acres or 50 lots	
***For developments resulting in floodwater rise abov	ve permissible levels, changes to base flood elevations, or changes to floodplain boundaries
Application Determination: For Official	Use Only
Permit Approved	Additional Information Required *See attached Permit Denied
If Approved:	
Floodplain Administrator Signature	Permit Approval Date Permit Expiration Date
Floouplain Auriliniou duor orginatare	Fernin Approval Date Fernin Explication Date

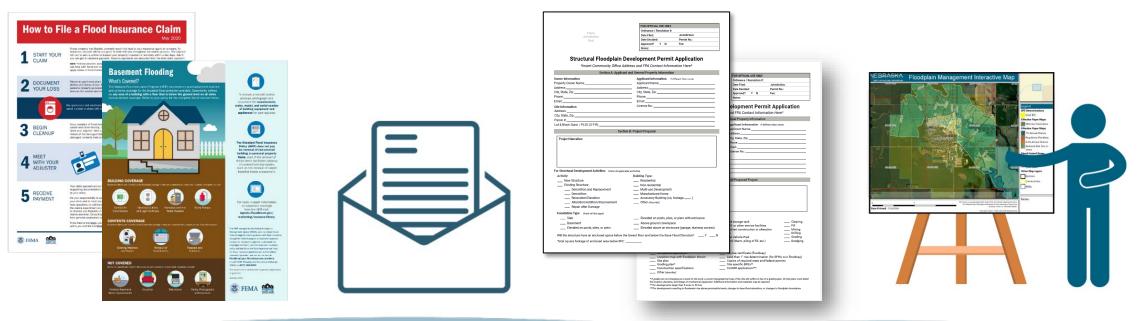
Helpful Tips & Resources



DEPT. OF NATURAL RESOURCES

Helpful Tips

- Ensure community members are aware of permitting requirements BEFORE beginning a development project.
 - Regular community outreach



Resources

- NeDNR Digital Desk Reference (<u>https://dnr.nebraska.gov/floodplain/digital-desk-reference</u>)
- NeDNR Model Permit Application (<u>https://dnr.nebraska.gov/sites/default/files/doc/floodplain/resources/20220301_eSDAHandbook_ModelFPDevelopmentPermitApplication.pdf</u>)
- NeDNR Trainings (<u>https://dnr.nebraska.gov/floodplain/training-and-workshops</u>)

Key Takeaways



DEPT. OF NATURAL RESOURCES

Key Takeaways

- Floodplain Development Permits are required for development in the Special Flood Hazard Area (SFHA)/floodplain
- NeDNR has a model permit application to assist, but is not required
- NeDNR has several resources to assist
- Review permit applications for completeness & correctness before deciding to approve or deny... ask for more information if needed!
- Informed community members make for an easier permitting process
 - Engage the community frequently!

Follow us on Social Media!

Nebraska Department of Natural Resources



@nednr



Nebraska Department of Natural Resources



@NebraskaDNR

Upcoming Trainings

- The New Interactive Map and Nebraska Real Time Flood Forecasting (NeRFF) Tool
- Thursday July 10, 2025
- 9:00am 11:00am CT

Come learn about the *NEW* floodplain management interactive map and the NeRFF tool!

QUESTIONS?

Elijah Kaufman, CFM elijah.kaufman@nebraska.gov 402-471-0640

Jamie Reinke, PE, CFM jamie.reinke@nebraska.gov 402-471-3957

Erin Wendt, CFM erin.wendt@nebraska.gov 402-471-0572 Anna Crist, CFM anna.crist@nebraska.gov 402-471-0585 Michele York michele.york@nebraska.gov 402-471-1214

Mercy Kipenda, CFM mercy.kipenda@nebraska.gov 402-471-3947

Isabella Bialas, CFM isabella.bialas@nebraska.gov 402-471-3929

NEBRASKA

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