



PLANNING COMMISSION MEETING AGENDA
Thursday, February 06, 2025
4:00 PM

CALL TO ORDER: Pursuant to due notice and call thereof a Regular Meeting of the Grand Rapids Planning Commission will be held on Thursday, February 6, 2025 at 4:00 PM in City Hall Council Chambers, 420 North Pokegama Avenue, Grand Rapids, Minnesota.

CALL OF ROLL:

APPROVAL OF MINUTES:

1. Consider approval of the December 5, 2024 regular meeting minutes.

GENERAL BUSINESS:

2. Consider a recommendation to the City Council regarding a vacation of a platted utility easement (Airport South Industrial Park – Phase 1)
3. Consider initiating the process to review and amend Division 30-VI-12 (Floodplain Restrictions) of the Land Use Regulations Ordinance
4. Consider a recommendation to the City Council regarding an amendment to Division 30-VI-12 (Floodplain Restrictions) of the Land Use Regulations Ordinance

PUBLIC INPUT:

Individuals may address the Planning Commission about any non-public hearing item or any item not included on the Regular Meeting Agenda. Speakers are requested to come to the podium, state their name and address for the record and limit their remarks to three (3) minutes.

MISCELLANEOUS:

REPORTS/ANNOUNCEMENTS/UPDATES:

ADJOURNMENT:

NEXT REGULAR MEETING IS SCHEDULED FOR MARCH 6, 2025 AT 4:00 PM.

Hearing Assistance Available: This facility is equipped with a ready assistance system.

ATTEST:

Aurimy Groom, Administrative Assistant



CITY OF
GRAND RAPIDS
IT'S IN MINNESOTA'S NATURE

PLANNING COMMISSION MEETING MINUTES
Thursday, December 05, 2024
4:00 PM

CALL TO ORDER: Pursuant to due notice and call thereof a Regular Meeting of the Grand Rapids Planning Commission will be held on Thursday, December 5, 2024 at 4:00 PM in City Hall Council Chambers, 420 North Pokegama Avenue, Grand Rapids, Minnesota.

CALL OF ROLL:

PRESENT

Commissioner Betsy Johnson
Commissioner Patrick Goggin
Commissioner Paul Bignall
Commissioner Amanda Lamppa
Commissioner David Kreitzer

ABSENT

Commissioner David Marquardt

APPROVAL OF MINUTES:

1. Consider approval of the September 5, 2024 regular meeting minutes.

Motion by Commissioner Lamppa, second by Commissioner Bignall to approve the minutes from the September 5, 2024 regular meeting. The following voted in favor thereof: Kreitzer, Lamppa, Goggin, Johnson, Bignall. Opposed: None, motion passed unanimously.

PUBLIC HEARINGS:

2. Conduct a Public Hearing to consider a variance petition submitted by Jacob Stauffer, Overland Group (DGOG).

DGOG submitted a request for a variance, if approved would allow for an area of proposed parking within the 10' front yard setback along the north side of the property. Staff provided a power point presentation.

Correspondence was received from Chad Haatvedt, 802 Willow Lane. Assistant Community Development Director Swenson read the email for the record.

Motion by Commissioner Bignall, second by Commissioner Johnson to open the public hearing. The following voted in favor thereof: Bignall, Johnson, Goggin, Lamppa, Kreitzer. Opposed: None, motion passed unanimously.

There was no public comment.

Motion by Commissioner Johnson, second by Commissioner Lamppa to close the public hearing. The following voted in favor thereof: Kreitzer, Lamppa, Goggin, Johnson, Bignall. Opposed: None, motion passed unanimously.

The Commissioners reviewed the considerations for the record..

1. Is this an “Area” variance rather than a “Use” variance?

This is an area variance.

2. Does the proposal put property to use in a reasonable manner?

Why/Why not- Yes, the former use was retail and the proposed use is retail.

3. Is the owner’s plight due to circumstances which are unique to the property and which are not self-created by the owner?

Why/Why not- Yes, the circumstances were already existing and not created by the owner.

4. Is the variance in harmony with the purposes and intent of the ordinance?

Why/Why not- Yes, it is allowing for redevelopment of an existing commercial property.

5. Will the variance, if granted, alter the essential character of the locality?

Why/Why not- No, the former use is the same as the proposed use.

6. Is the variance consistent with the comprehensive plan?

Why/Why not- Yes, it will allow for redevelopment of an existing commercial site.

Motion by Commissioner Bignall, second by Commissioner Johnson that, based on the findings of fact presented here today, and in the public’s best interest, the Planning Commission does hereby grant the following variance to DGOG Properties for the property legally described within the presentation.

- to allow a variance of the requirements of Section 30-512 Table 2-C of the Municipal Code, which lists Minimum Setbacks for surface parking. This variance permits an area of parking within the 10’ front yard setback along the north side of the property.

The following voted in favor thereof: Bignall, Johnson, Goggin, Lamppa, Kreitzer. Opposed: None, motion passed unanimously.

GENERAL BUSINESS:

3. Consider a recommendation to the City Council regarding a vacation of platted street right-of-way (NE 2nd Ave).

At their September 5th, 2024 meeting the Planning Commission initiated a vacation request for that part of Simpson Avenue (Second Ave NE), Grand Rapids First Division, Blocks 27 and 28 of said plat and northerly of parcel 21 as depicted on the Minnesota Department of Transportation's ROW Plat No. 31-136. This road no longer has a through outlet and is used for County government operations. If vacated the parking area and snow removal would be

managed by the County. Assistant Community Development Director Swenson provided a power point presentation.

The Commissioners reviewed the considerations for the record.

1. Is the right-of-way needed for traffic purposes?

Why/Why not? No, it is closed and no longer used for traffic purposes.

2. Is the right-of-way needed for pedestrian purposes?

Why/Why not? No, there are other pedestrian routes.

3. Is the right-of-way needed for utility purposes?

Why/Why not? A utility easement will be retained.

4. Would vacating the right-of-way place additional land on the tax rolls?

Why/Why not? There will be no additional land on the tax rolls.

5. Would vacating the right-of-way facilitate economic development in the

City? Why/Why not? It will relieve the burden of snow removal and maintenance.

Motion by Commissioner Lamppa, second by Commissioner Johnson, to forward a recommendation to approve the vacation request of the described platted right-of-way described below:

That part of Simpson Avenue (Second Avenue NE), according to the plat of Grand Rapids First Division, on file and of record in the Office of the Itasca County Recorder, that lies between Blocks 27 and 28 of said plat and northerly of parcel 21 as depicted on the Minnesota Department of Transportation's R.O.W. Plat No. 31-136.

The following voted in favor thereof: Bignall, Johnson, Goggin, Lamppa, Kreitzer. Opposed: None, motion passed unanimously.

4. Consider a recommendation to the City Council regarding a vacation of platted street right-of-way (part of NE Third Street).

Eclipse Building Partners have submitted a vacation request if granted would allow for code accessibility improvements to be made to the building located at 12 NW 3rd Street. A power point presentation was provided.

The Commissioners reviewed the considerations for the record.

1. Is the right-of-way needed for traffic purposes?

Why/Why not? No, there is no traffic.

2. Is the right-of-way needed for pedestrian purposes?

Why/Why not? There will still be adequate space for pedestrians.

3. Is the right-of-way needed for utility purposes?

Why/Why not? A utility easement will be retained.

4. Would vacating the right-of-way place additional land on the tax rolls?
Why/Why not? Yes, it will.

5. Would vacating the right-of-way facilitate economic development in the City? Why/Why not? Yes, it will allow for the opening of a new business.

Motion by Commissioner Johnson, second by Commissioner Bignall, to forward a recommendation to approve the vacation request of the described platted right-of-way described below:

A part of Third Street as dedicated on the plat of the TOWN OF GRAND RAPIDS MINNESOTA, lying adjacent to and abutting Lot 12, Block 18, GRAND RAPIDS

The following voted in favor thereof: Kreitzer, Lamppa, Goggin, Johnson, Bignall. Opposed: None, motion passed unanimously.

5. Consider a recommendation to the City Council regarding a vacation of platted right-of-way (Block 19).

The requested variance is needed to build an adequate kitchen for a restaurant. Staff provided a power point presentation.

The Commissioners reviewed the considerations for the record.

1. Is the right-of-way needed for traffic purposes?
Why/Why not? No, there is still enough room for traffic.

2. Is the right-of-way needed for pedestrian purposes?
Why/Why not? No, there is adequate space for pedestrians.

3. Is the right-of-way needed for utility purposes?
Why/Why not? A utility easement will be retained.

4. Would vacating the right-of-way place additional land on the tax rolls?
Why/Why not? Yes, it will place additional land on the tax rolls.

5. Would vacating the right-of-way facilitate economic development in the City? Why/Why not? Yes, it will allow for a new business which will provide another dining option in the downtown.

Motion by Commissioner Lamppa, second by Commissioner Johnson, to forward a recommendation to approve the vacation request of the described platted right-of-way described below:

The West 2 feet of the N/S alley lying adjacent to the east line of the following tract: The East

34.5 feet of Lots Thirteen (13) and Fourteen (14), and the East 34.5 feet of the North 6 feet of Lot Fifteen (15), Block Nineteen (19), Town of Grand Rapids

With the following recommendation:

Retain a utility easement.

The following voted in favor thereof: Bignall, Johnson, Goggin, Lamppa, Kreitzer. Opposed: None, motion passed unanimously.

PUBLIC INPUT:

Individuals may address the Planning Commission about any non-public hearing item or any item not included on the Regular Meeting Agenda. Speakers are requested to come to the podium, state their name and address for the record and limit their remarks to three (3) minutes.

MISCELLANEOUS:

REPORTS/ANNOUNCEMENTS/UPDATES:

Director of Community Development Mattei provided an update on the development of a 64 unit apartment building down by the river and 132 unit apartment building in the Great River Acres development.

ADJOURNMENT:

There being no further business the meeting adjourned at 4:34 p.m.

NEXT REGULAR MEETING IS SCHEDULED FOR JANUARY 2, 2025 AT 4:00 PM.

Hearing Assistance Available: This facility is equipped with a ready assistance system.

ATTEST:

Aurimy Groom, Administrative Assistant



Planning Commission Staff Report

Agenda Item	Community Development Department	Date: 02/06/25
Statement of Issue:	Consider a recommendation to the City Council regarding a vacation of a platted utility easement (Airport South Industrial Park – Phase 1)	
Background:	<p>The Grand Rapids Economic Development Authority has approved the conveyance of Lots 3-6, Block 2 of Airport South Industrial Park – Phase 1. The utility easement that extends along the north, east and south sides of Lot 5 was established to provide a means of extending sanitary sewer to lots 4 & 6, in the event these lots were individually sold and developed.</p> <p>With all four lots being conveyed as a single site; the easement is not needed and should be vacated to establish a clear title.</p> <p>Community Development staff is asking the Planning Commission to recommend the vacation request of the described platted utility easement below.</p> <p><i>A thirty-foot-wide utility easement centered on the north, east and south lines of Lot 5, Block 2 of Airport South Industrial Park – Phase 1, Grand Rapids, Itasca County, Minnesota.</i></p>	
Considerations:		
Recommendation:	Pass a motion recommending the vacation of the platted utility easement.	
Required Action:	<p>Pass a motion recommending the approval or non-approval of the proposed public right-of-way vacation to the City Council.</p> <p><u>Example Motion:</u></p> <p>Motion by _____, second by _____ that, to (approve) (not approve) initiating the vacation request of the described platted utility easement described below:</p> <p style="text-align: center;"><i>A thirty-foot-wide utility easement centered on the north, east and south lines of Lot 5, Block 2 of Airport South Industrial Park – Phase 1, Grand Rapids, Itasca County, Minnesota.</i></p>	
Attachments:	<ul style="list-style-type: none"> • Power Point Presentation 	



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Public Vacation Request

Platted Utility Easement

**Airport South Industrial Park – Phase 1 of Grand Rapid, Minnesota, legally described
as:**

**A thirty-foot-wide utility easement centered on the north, east and south lines of Lot 5,
Block 2 of Airport South Industrial Park – Phase 1, Grand Rapids, Itasca County,**

February 6, 2025



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Public Vacation Request

Petitioner: Initiated by Grand Rapids City Council

Requested Vacation: A thirty-foot-wide utility easement centered on the north, east and south lines of Lot 5, Block 2 of Airport South Industrial Park – Phase 1, Grand Rapids, Itasca County, Minnesota.

Petitioner's Stated Reason for Request: The Grand Rapids Economic Development Authority has approved the conveyance of Lots 3-6, Block 2 of Airport South Industrial Park – Phase 1. The utility easement that extends along the north, east and south sides of Lot 5 was established to provide a means of extending sanitary sewer to lots 4 & 6, in the event these lots were individually sold and developed.

With all four lots being conveyed as a single site; the easement is not needed and should be vacated to establish a clear title.

Public Vacation Request

Lot 5, Block 2 Airport South Industrial Park





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Public Vacation Request

Item 2.





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Public Vacation Request

Staff Review Committee

Staff review committee consists of: Engineering/Public Works Department, Community Development Department, Fire Department and the Grand Rapids Public Utilities Commission.



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Public Vacation Request

Planning Commission Considerations

PLANNING COMMISSION

Considerations

RIGHT-OF-WAY VACATIONS

1. Is the right-of-way needed for traffic purposes?
Why/Why not?
2. Is the right-of-way needed for pedestrian purposes?
Why/Why not?
3. Is the right-of-way needed for utility purposes?
Why/Why not?
4. Would vacating the right-of-way place additional land on the tax rolls?
Why/Why not?
5. Would vacating the right-of-way facilitate economic development in the City?
Why/Why not?



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Item 2.

Questions?



Planning Commission Staff Report

Agenda Item #	Community Development Department	Date: 2/06/25
Statement of Issue:	Consider initiating the process to review and amend Division 30-VI-12 of the Land Use Regulation Ordinance titled Floodplain Restrictions.	
Background:	<p>The ordinance is being amended to incorporate the updated Flood Insurance Rate Map panels and Flood Insurance Study for Itasca County, to maintain participation in the National Flood Insurance Program (NFIP).</p> <p>On December 18, 2024, the city sent a received a revised floodplain management ordinance draft to the Minnesota Department of Natural Resources (MnDNR) that was conditionally approved on January 13, 2025.</p> <p>In accordance with Minnesota Statutes, Section 103F.121, the MnDNR found that that the City’s draft floodplain management ordinance substantially complies with the state floodplain management rules (Minnesota Rules, parts 6120.5000 to 6120.6200) and, to the best of their knowledge, with the floodplain management standards of the Federal Emergency Management Agency (FEMA).</p> <p>Minnesota Statue 462.357, Subd. 4 states that <i>an amendment to a zoning ordinance may be initiated by the governing body, the planning agency, or by petition of affected property owners as defined in the zoning ordinance.</i></p> <p>Staff would like the Planning Commission to consider initiating the review and consideration of an amendment to Division 30-VI-12 (Floodplain Restrictions) of the Ordinance.</p>	
Considerations:		
Recommendation:	Pass a motion initiating the review of an amendment to Division 12 of the Ordinance.	
Required Action:	<p>Pass a motion initiating the review of Division 30-VI-12 entitled Floodplain Restrictions to the Ordinance, revising to meet state and federal standards.</p> <p><u>Example Motion:</u></p> <p>Motion by _____, second by _____ Motion by _____, second by _____ that, to (approve) (not approve) to initiate the review of Division 30-VI-12 entitled (Floodplain Restrictions) to meet current state and federal standards.</p>	
Attachments:		



Planning Commission Staff Report

Agenda Item #	Community Development Department	Date: 2/06/25
Statement of Issue:	Consider a recommendation to the City Council regarding an amendment to Division 30-VI-12 (Floodplain Restrictions)	
Background:	<p>On February 6, 2025, the Planning Commission initiated the process to consider an amendment to Division 12 of the Land Use Regulations Ordinance titled Floodplain Restrictions.</p> <p>The ordinance is being amended to incorporate the updated Flood Insurance Rate Map panels and Flood Insurance Study for Itasca County, to maintain participation in the National Flood Insurance Program (NFIP).</p> <p>On December 18, 2024, the city sent a received a revised floodplain management ordinance draft to the Minnesota Department of Natural Resources (MnDNR) that was conditionally approved on January 13, 2025.</p> <p>In accordance with Minnesota Statutes, Section 103F.121, the MnDNR found that that the City’s draft floodplain management ordinance substantially complies with the state floodplain management rules (Minnesota Rules, parts 6120.5000 to 6120.6200) and, to the best of their knowledge, with the floodplain management standards of the Federal Emergency Management Agency (FEMA).</p>	
Considerations:	<p>The Planning Commission should make specific findings of fact regarding the proposed amendments to the ordinance:</p> <ol style="list-style-type: none"> 1. Will the change affect the character of the neighborhood? 2. Will the change foster economic growth in the community? 3. Would the proposed change be in keeping with the spirit and intent of the Zoning Ordinance? 4. Would the change be in the best interest of the general public? 5. Would the change be consistent with the Comprehensive Plan? 	
Recommendation:	Based on the above findings the Commission should consider a recommendation to the City Council regarding these draft changes.	
Required Action:	Pass a motion, based on the findings of fact, to forward either a favorable recommendation, either with or without changes to the draft amendments, to the City Council, or pass a motion, based on the findings of fact, forwarding an unfavorable recommendation to the City Council regarding and amending Division 30-VI-12 (Floodplain Restrictions) of the Land Use Regulations Ordinance.	

	<p><u>Example Motion:</u></p> <p>Motion by _____, second by _____ that, based on the findings of fact presented here today, and in the public’s best interest, the Planning Commission does hereby forward a (favorable)(unfavorable) recommendation to the City Council regarding a draft amendment to replace the existing floodplain restrictions ordinance language with ordinance language consistent with state floodplain management rules and the floodplain management standards of the Federal Emergency Management Agency (FEMA) of Division 30-VI-12 of the land use regulation ordinance.</p>
<p>Attachments:</p>	<ul style="list-style-type: none">• Draft Amendments to Division 30-VI-12



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Ordinance Amendment:

Planning Commission Initiated Amendment to Chapter 30 Land Development Regulations

February 6, 2025



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Text Amendment

- **Initiation Date**

Planning Commission Initiated – February 6, 2025

- **Text Amendment Summary**

The proposed amendment of Division 30-VI-12 (Floodplain Restrictions) incorporates the updated Flood Insurance Rate Map panels and Flood Insurance Study for Itasca County; the amendment allows the city to maintain participation in the National Flood Insurance Program (NFIP)

- **General sections of ordinance initiated for amendment**

Division 30-VI-12 (Floodplain Restrictions)



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Text Amendment

- **Reasoning and Justification**

The ordinance is being amended to incorporate the updated Flood Insurance Rate Map panels and Flood Insurance Study for Itasca County, to maintain participation in the National Flood Insurance Program (NFIP).

On December 18, 2024, the city sent a received a revised floodplain management ordinance draft to the Minnesota Department of Natural Resources (MnDNR) that was conditionally approved on January 13, 2025.

In accordance with Minnesota Statutes, Section 103F.121, the MnDNR found that that the City's draft floodplain management ordinance substantially complies with the state floodplain management rules (Minnesota Rules, parts 6120.5000 to 6120.6200) and, to the best of their knowledge, with the floodplain management standards of the Federal Emergency Management Agency (FEMA).



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Text Amendment



January 13, 2025

The Honorable Tasha Connelly
Mayor, City of Grand Rapids
420 N Pokegama Ave.
Grand Rapids, MN 55744

Dear Mayor Connelly:

RE: CONDITIONAL STATE APPROVAL OF FLOODPLAIN ORDINANCE & REQUIRED NEXT STEPS

On behalf of the Department of Natural Resources (DNR), I am writing to conditionally approve the City of Grand Rapids' draft floodplain management ordinance.

We received a draft of the City's revised floodplain ordinance from City Assistant Community Development Director, Dan Swenson, on December 18, 2024. This ordinance is being amended to incorporate the updated Flood Insurance Rate Map panels and accompanying Flood Insurance Study for Itasca County, with an effective date of March 11, 2025, and to maintain participation in the National Flood Insurance Program (NFIP).

In accordance with Minnesota Statutes, Section 103F.121, we find that the City's draft floodplain management ordinance substantially complies with the state floodplain management rules (Minnesota Rules, parts 6120.5000 to 6120.6200) and, to the best of our knowledge, with the floodplain management standards of the Federal Emergency Management Agency (FEMA). It is hereby conditionally approved.

We will provide final approval of the City's draft floodplain management ordinance once the following conditions have been met:

- *Revise the draft ordinance to address all comments and recommended revisions in the attachment.*
- *Submit the following materials to the DNR, no later than March 7, 2025:*
 - *one (1) copy each of the signed adopted ordinance addressing all comments noted above,*
 - *the affidavit of publication, and*
 - *the completed "Ordinance Processing Checklist" (attached).*

Please forward these documents via email to the DNR Floodplain Program email at floodplain_spr@state.mn.us and copy the DNR's State NFIP Coordinator, Cell Strauss at cell.strauss@state.mn.us. Upon receipt and verification, we will send a final approval letter. Ms. Strauss will then transmit the ordinance and final approval letter to our contacts at FEMA's Chicago Regional Office.

Though FEMA must receive a signed, certified, and effective ordinance no later than March 11, 2025, we request that you submit the materials noted above to the DNR *no later than March 7, 2025*, to accommodate for processing. *If FEMA has not received the documentation by the map effective date, FEMA will suspend the City from the National Flood Insurance Program.*

Minnesota Department of Natural Resources • Division of Ecological and Water Resources
500 Lafayette Road, Box 25, Saint Paul, MN 55155-4025

Be advised that any future amendment of this ordinance or change in the designation of flood prone areas requires DNR approval prior to adoption. In addition, when receiving requests for variances or conditional use permits, local governments are required to send notifications to the DNR for public hearings and records of final decisions. Should you have any questions on this ordinance or related matters, please contact Ms. Strauss via email or at (651) 259-5713.

While our office in St. Paul will be the main contact for official actions taken related to your floodplain ordinance, your DNR Area Hydrologist will continue to be your main contact for day-to-day assistance with administering your floodplain management ordinance and assisting you with questions about other DNR water-related programs and permits. Your Area Hydrologist is Rian Reed, who can be contacted at 218-328-8815 or rian.reed@state.mn.us.

The DNR greatly appreciates your community's cooperation and initiative in providing for the reduction of flood damages through the adoption and administration of this ordinance.

Sincerely,

Emily Javens

Digitally signed by Emily Javens
Date: 2025.01.14 08:27:32 -0500

Emily Javens, PE
Land Use Unit Supervisor
DNR Ecological & Water Resources

Attachments: Draft Ordinance with DNR Comments
Ordinance Processing Checklist
Sample Ordinance Summary

- c: Dan Swenson, Assistant Community Development Director – City of Grand Rapids
Darrell Schindler, DNR EWR Regional Manager
Darrin Hoverson, DNR EWR District Manager
Rian Reed, DNR Area Hydrologist
Cell Strauss, DNR State Floodplain Manager/NFIP Coordinator



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Text Amendment

Timeline

February 6, 2025 - Planning Commission initial review of staff identified issues, initiates formal amendment process.

February 6, 2025 - Planning Commission Review and Recommendation.

February 10, 2025 - City Council reviews Planning Commission recommendation, conducts a public hearing and considers adoption of Ordinance.



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Text Amendment

Recommendation

Consider recommendation to the City Council regarding draft amendments, which update and amend Division 30-VI-12 of the Land Development Regulations as shown in Exhibit 1

PLANNING COMMISSION

Considerations

ZONING ORDINANCE AMENDMENT

1. Will the change affect the character of neighborhoods?

Why/Why not?

2. Would the change foster economic growth in the community?

Why/Why not?

3. Would the proposed change be in keeping with the spirit and intent of the ordinance?

Why/Why not?

4. Would the change be in the best interest of the general public?

Why/Why not?

5. Would the change be consistent with the Comprehensive Plan?

Why/Why not?



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Item 4.

Questions/Comments?

EXHIBIT 1 - DRAFT FLOODPLAIN RESTRICTIONS OF DIVISION 30-VI-12

Floodplain Restrictions

This ordinance has been developed to be consistent with Minnesota Statutes, Chapter 103F, Minnesota Rules, parts 6120.500 – 6120.6200; 44 CFR § 59 to 78; Federal Emergency Management Agency (FEMA) technical bulletins and policies; as well as other state agency statutes and rules.

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SECTION 1.0 STATUTORY AUTHORIZATION AND PURPOSE

Item 4.

- 1.1 **Statutory Authorization.** This floodplain ordinance is adopted pursuant to the authorization and policies contained in Minnesota Statutes, Chapter 103F; Minnesota Rules, parts 6120.5000 – 6120.6200; the rules and regulations of the National Flood Insurance Program (NFIP) in 44 CFR § 59 to 78; and the planning and zoning enabling legislation in Minnesota Statutes, Chapter 462.
- 1.2 **Purpose**
- 1.21 This ordinance regulates development in the flood hazard areas of the City of Grand Rapids. These flood hazard areas are subject to periodic inundation, which may result in loss of life and property, health and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures for flood protection and relief, and impairment of the tax base. It is the purpose of this ordinance to promote the public health, safety, and general welfare by minimizing these losses and disruptions.
- 1.22 This ordinance is adopted in the public interest to promote sound land use practices, and floodplains are a land resource to be developed in a manner which will result in minimum loss of life and threat to health, and reduction of private and public economic loss caused by flooding.
- 1.23 This ordinance is adopted to maintain eligibility in the National Flood Insurance Program.
- 1.24 This ordinance is also intended to preserve the natural characteristics and functions of watercourses and floodplains to moderate flood and stormwater impacts, improve water quality, reduce soil erosion, protect aquatic and riparian habitat, provide recreational opportunities, provide aesthetic benefits and enhance community and economic development.
- 1.3 **Abrogation and Greater Restrictions.** It is not intended by this ordinance to repeal, abrogate, or impair any existing easements, covenants, or other private agreements. The standards in this ordinance take precedence over any less restrictive, conflicting local laws, ordinances, or codes. All other ordinances inconsistent with this ordinance are hereby repealed to the extent of the inconsistency only.
- 1.4 **Warning and Disclaimer of Liability.** This ordinance does not imply that areas outside the floodplain districts or land uses permitted within such districts will be free from flooding or flood damages. Not all flood risk is mapped. Larger floods do occur, and the flood height may be increased by man-made or natural causes, such as ice jams or bridge openings restricted by debris. This ordinance does not create liability on the part of the City of Grand Rapids or its officers or employees for any flood damages that result from reliance on this ordinance, or any administrative decision lawfully made hereunder.
- 1.5 **Severability.** If any section, clause, provision, or portion of this ordinance is adjudged unconstitutional or invalid by a court of law, the remainder of this ordinance shall not be affected and shall remain in full force.

SECTION 2.0 DEFINITIONS

- 2.1 **Definitions.** Unless specifically defined, words or phrases used in this ordinance must be interpreted according to common usage and to give this ordinance its most reasonable application.
- 2.111 Accessory Structure. A structure, as defined in this ordinance, that is on the same parcel of property as, and is incidental to, the principal structure or use; an accessory structure specifically excludes structures used for human habitation.
- 2.112 Base Flood. The flood having a one-percent chance of being equaled or exceeded in any given year. "Base flood" is synonymous with the term "regional flood" used in Minnesota Rules, part 6120.5000.
- 2.113 Base Flood Elevation (BFE). The elevation of the base flood, regional flood, or one-percent annual chance flood. The term "base flood elevation" is used in the flood insurance study.
- 2.114 Basement. Any area of a structure, including crawl spaces, having its floor subgrade (below ground level) on all sides, regardless of the depth of excavation below ground level.
- 2.115 Building. See *Structure*.
- 2.116 Channel. A natural or artificial depression of perceptible extent, with definite bed and banks to confine and conduct flowing water either continuously or periodically.

- 2.117 Conditional Use. A land use or development that would not be appropriate generally but may be allowed with appropriate restrictions upon a finding that certain conditions as detailed in the zoning ordinance exist, the use or development conforms to the comprehensive land use plan of the community, and the use is compatible with the existing neighborhood.
- 2.118 Critical Facilities. Buildings and structures that contain essential facilities and services necessary for emergency response and recovery, or that pose a substantial risk to the public in the event of failure, disruption of function, or damage by flooding. Specifically, this includes facilities identified as Flood Design Class 4 in *ASCE 24-14, Flood Resistant Design and Construction*, as amended. Examples include health care facilities, facilities required for emergency response, power generating stations, communications towers, or electrical substations.
- 2.119 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.
- 2.120 Equal Degree of Encroachment. A method of determining the location of floodway boundaries so that floodplain lands on both sides of a stream are capable of conveying a proportionate share of flood flows.
- 2.121 FEMA. Federal Emergency Management Agency.
- 2.122 Farm Fence. An open type of fence of posts and horizontally run wire, further specified in Minnesota Statutes, section 344.02, Subd. 1(a-d).
- 2.123 Flood. A temporary rise in the stream flow or water surface elevation from any source that results in the inundation of normally dry land areas.
- 2.124 Flood Fringe. The portion of the one-percent annual chance floodplain located outside of the floodway. This district shall be extended laterally to the 0.2-percent annual chance floodplain, where mapped.
- 2.125 Flood Insurance Rate Map (FIRM). An official map on which the Federal Insurance Administrator has delineated both the special flood hazard areas and the risk premium zones applicable to the community. A FIRM that has been made available digitally is called a Digital Flood Insurance Rate Map (DFIRM).
- 2.126 Flood Insurance Study (FIS). The study referenced in Section 3.2, which is an examination, evaluation and determination of flood hazards, and if appropriate, corresponding surface elevations, or an examination, evaluation, and determination of mudslide (i.e. mudflow) and/or flood-related erosion hazards.
- 2.127 Floodplain. The beds, channel and the areas adjoining a wetland, lake or watercourse, or other source which have been or hereafter may be inundated by the base flood.
- 2.128 Floodproofing. A combination of structural and non-structural additions, changes, or adjustments to properties and structures subject to flooding, primarily for the reduction or elimination of flood damages.
- 2.129 Floodway. The bed of a wetland or lake and the channel of a watercourse and those portions of the adjoining floodplain which must be reserved to carry or store the base flood discharge without cumulatively increasing the water surface elevation more than one-half foot.
- 2.130 General Floodplain. Those floodplains designated on the Flood Insurance Rate Maps referenced in Section 3.2, but that do not have a delineated floodway.
- 2.131 Light Duty Truck. Any motor vehicle that has all three of the following:
- A. 8,500 pounds Gross Vehicle Weight Rating or less;
 - B. vehicle curb weight of 6,000 pounds or less; and
 - C. basic vehicle frontal area less than 45 square feet.
- 2.132 Lowest Floor. The lowest floor of the lowest enclosed area (including basement). An unfinished or flood resistant enclosure, used solely for parking of vehicles, building access, or storage in an area other than a basement area, is not considered a building's lowest floor; provided, that such enclosure is not built so as to render the structure in violation of the applicable non-elevation design requirements of 44 CFR § 60.3.
- 2.133 Manufactured Home. A structure, transportable in one or more sections, which is built on a permanent chassis and is designed for use with or without a permanent foundation when attached to the required utilities. The term "manufactured home" does not include the term "recreational vehicle."

- 2.134 New Construction. Structures for which the start of construction commenced on or after the effective date adopted floodplain management regulation and includes any subsequent improvements to such structures.
- 2.135 Principal Structure. The main building or other structure on a lot that is utilized for the property's principal use.
- 2.136 Reach. A hydraulic engineering term to describe a longitudinal segment of a stream or river influenced by a natural or man-made obstruction. In an urban area, the segment of a stream or river between two consecutive bridge crossings would most typically constitute a reach.
- 2.137 Recreational Vehicle. A vehicle that is built on a single chassis, is 400 square feet or less when measured at the largest horizontal projection, is designed to be self-propelled or permanently towable by a light duty truck and is designed primarily not for use as a permanent dwelling but as temporary living quarters for recreational, camping, travel, or seasonal use. Those vehicles not meeting this definition shall be considered a structure for the purposes of this ordinance. For the purposes of this ordinance, the term recreational vehicle is synonymous with the term "travel trailer/travel vehicle."
- 2.138 Regulatory Flood Protection Elevation (RFPE). An elevation that is two feet above the elevation of the base flood.
- 2.139 Repetitive Loss. Flood related damages sustained by a structure on two separate occasions during a ten-year period for which the cost of repairs at the time of each such flood event on the average equals or exceeds 25% of the market value of the structure before the damage occurred.
- 2.140 Stage Increase. Any increase in the water surface elevation during the one-percent annual chance flood caused by encroachments on the floodplain.
- 2.141 Start of Construction. Includes substantial improvement, and means the date the permit was issued, provided the actual start of construction, repair, reconstruction, rehabilitation, addition placement, or other improvement was within 180 days of the permit date. The actual start means either the first placement of permanent construction of a structure on a site, such as the pouring of slab or footings, the installation of piles, the construction of columns, or any work beyond the stage of excavation; or the placement of a manufactured home on a foundation. Permanent construction does not include land preparation, such as clearing, grading and filling; nor does it include the installation of streets and/or walkways; nor does it include excavation for a basement, footings, piers, foundations, or the erection of temporary forms; nor does it include the installation on the property of accessory buildings, such as garages or sheds not occupied as dwelling units or not part of the main structure. For a substantial improvement, the actual start of construction means the first alteration of any wall, ceiling, floor, or other structural part of a building, whether that alteration affects the external dimensions of the building.
- 2.142 Structure. A roofed building, including a gas or liquid storage tank, that is principally above ground, as well as a manufactured home. Recreational vehicles not considered travel ready, as detailed in Section 10.22, shall also be considered a structure for the purposes of this ordinance.
- 2.143 Subdivision. Land that has been divided for the purpose of sale, rent, or lease, including planned unit developments.
- 2.144 Substantial Damage. Damage of any origin sustained by a structure where the cost of restoring the structure to its before damaged condition would equal or exceed 50 percent of the market value of the structure before the damage occurred.
- 2.145 Substantial Improvement. Any reconstruction, rehabilitation, addition, or other improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure before the "start of construction" of the improvement. This term includes structures that have incurred "substantial damage," regardless of the actual repair work performed. The term does not, however, include either:
- A. Any project for improvement of a structure to correct existing violations of state or local health, sanitary, or safety code specifications which have been identified by the local code enforcement official and which are the minimum necessary to assure safe living conditions; or
 - B. Any alteration of a "historic structure," provided that the alteration will not preclude the structure's continued designation as a "historic structure." For this ordinance, "historic structure" is defined in 44 CFR § 59.1.

2.146 Variance. "Variance" means the same as that defined in 44 CFR § 59.1 and Minnesota Statutes, Section 462 Subd. 6(2).

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2.147 Watercourse. A channel in which a flow of water occurs either continuously or intermittently in a definitive direction. The term applies to either natural or artificially constructed channels.

SECTION 3.0 JURISDICTION AND DISTRICTS

3.1 **Lands to Which Ordinance Applies.** This ordinance applies to all lands within the jurisdiction of the City of Grand Rapids within the boundaries of the Floodway, Flood Fringe and General Floodplain Districts.

3.11 The Floodway, Flood Fringe or General Floodplain Districts are overlay districts. The standards imposed in the overlay districts are in addition to any other requirements. In case of a conflict, the more restrictive standards will apply.

3.12 In addition to these regulations applying to all areas within the mapped areas referenced in section 3.2, they also apply to some areas beyond the mapped areas. Where a conflict exists between the floodplain limits illustrated on the official floodplain maps and actual field conditions (as illustrated in Figure 1), the Base Flood Elevation (BFE) shall be the governing factor in locating the outer boundaries of the one-percent annual chance floodplain.

Figure 1: The mapped floodplain may not always align with on-the-ground contour elevations.



3.13 Persons contesting the location of the district boundaries will be given a reasonable opportunity to present their case to the Grand Rapids Planning Commission and to submit technical evidence.

3.2 **Incorporation of Maps by Reference.** The following maps together with all attached material are hereby adopted by reference and declared to be a part of the official zoning map and this ordinance. The attached material includes the Flood Insurance Study for Itasca County, Minnesota, and Incorporated Areas, dated March 11, 2025, and the following Flood Insurance Rate Map panels 27061C1490C, 27061C1495C, 27061C1525C, 27061C1655C, 27061C1661C, 27061C1662C, 27061C1675C, 27061C1680C, dated March 11, 2025, all prepared by the Federal Emergency Management Agency. These materials are on file in the City of Grand Rapids Community Development office located at 420 North Pokegama Avenue, Grand Rapids, MN 55744.

3.3 Districts

3.31 Floodway District. Those areas within Zone AE delineated within floodway areas as shown on the Flood Insurance Rate Maps referenced in Section 3.2 and those areas within Zone A determined to be located in the floodway based on the delineation methods in Section 7.4.

3.32 Flood Fringe District. Those areas within Zone AE located outside of the delineated floodway as shown on the Flood Insurance Rate Maps referenced in Section 3.2, and those areas within Zone A determined to be located in the flood fringe based on the delineation methods in Section 7.4. This district shall be extended laterally to the 0.2-percent annual chance floodplain, where mapped.

3.33 General Floodplain District. Those areas within Zone AE and A areas that do not have a floodway delineated as shown on the Flood Insurance Rate Maps referenced in Section 3.2.

3.4 **Annexations.** The Flood Insurance Rate Map panels referenced in Section 3.2 may include floodplain areas that lie outside of the corporate boundaries of the City of Grand Rapids at the time of adoption of this ordinance. If any of

these floodplain land areas are annexed into the City of Grand Rapids after the date of adoption of this ordinance, then newly annexed floodplain lands will be subject to the provisions of this ordinance immediately upon the date of annexation. Annexations into panels not referenced in Section 3.2 require ordinance amendment in accordance with Section 14.0.

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3.5 **Municipal Boundary Adjustments.** The Flood Insurance Rate Map panels referenced in Section 3.2 apply countywide. If at any point any lands come under the jurisdiction of another local government, the following shall apply:

3.51 City adjustments of corporate boundaries, including but not limited to annexations and detachments, shall shift floodplain administrative authority of all affected lands immediately upon the date of the boundary adjustment occurring. Cities retain jurisdiction for all incorporated lands, and the County retains jurisdiction under this ordinance on all unincorporated lands.

SECTION 4.0 REQUIREMENTS FOR ALL FLOODPLAIN DISTRICTS

4.1 **Permit Required.** A permit must be obtained from the Zoning Administrator to verify compliance with all applicable standards outlined in this ordinance prior to the following uses or activities:

4.11 The erection, addition, modification, rehabilitation, repair, or alteration of any building, structure, or portion thereof. Normal maintenance requires a permit to determine if such work, either separately or in conjunction with other planned work, constitutes a substantial improvement, as specified in Section 12.13.

4.12 The construction of a fence, pool, deck, or placement of anything that may cause a potential obstruction. Farm fences, as defined in Section 2.0 of this ordinance, are not considered to be an obstruction, and as such, do not require a permit.

4.13 The change or expansion of a nonconforming use.

4.14 The repair of a structure that has been damaged by flood, fire, tornado, or any other source.

4.15 The placement of fill, excavation, utilities, on-site sewage treatment systems, or other service facilities.

4.16 The storage of materials or equipment, in conformance with Section 4.22.

4.17 Relocation or alteration of a watercourse (including stabilization projects or the construction of new or replacement dams, culverts and bridges). A local permit is not required if a public waters work permit has been obtained from the Department of Natural Resources, unless a significant area above the ordinary high-water level is also to be disturbed.

4.18 Any other type of "development," as defined in Section 2.0 of this ordinance.

4.2 Minimum Development Standards

4.21 All development must:

A. Be designed (or modified) and adequately anchored to prevent flotation, collapse, or lateral movement resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy;

B. Be constructed with materials and equipment resistant to flood damage;

C. Be constructed by methods and practices that minimize flood damage;

D. Be constructed with heating, ventilation, duct work, and air conditioning equipment and other service facilities elevated at least up to the Regulatory Flood Protection Elevation (RFPE). Water, sewage, electrical, and other utility lines below the RFPE shall be constructed so as to prevent water from entering or accumulating within them during conditions of flooding;

E. Be reasonably safe from flooding and consistent with the need to minimize flood damage;

F. Be assured to provide adequate drainage to reduce exposure to flood hazards;

G. Not be detrimental to uses in adjoining areas; and

H. Not adversely affect the efficiency or restrict the flood carrying capacity of the channel and adjoining floodplain of any tributary watercourse or drainage system.

I. Ensure that any fill or other materials are protected from erosion, discharge, and sediment entering surface waters by the use of vegetative cover or other methods as soon as possible.

- 4.22 Materials that, in time of flooding, are buoyant, flammable, explosive, or could be injurious to human, animal, or plant life shall be stored at or above the Regulatory Flood Protection Elevation (RFPE), floodproofed, or protected by other measures as approved by the Zoning Administrator. Storage of materials likely to cause pollution of the waters, such as sewage; sand; rock; wrecked and discarded equipment; dredged spoil; municipal, agricultural or industrial waste; and other wastes as further defined in Minnesota Statutes, Section 115.01, are prohibited unless adequate safeguards approved by the Minnesota Pollution Control Agency are provided. For projects not requiring approvals by the Minnesota Pollution Control Agency, adequate safeguards must be approved by the Zoning Administrator prior to issuance of a permit.
- 4.23 Critical facilities shall be located so that the lowest floor is not less than two feet above the Base Flood Elevation (BFE), or the 0.2% annual chance flood elevation, whichever is higher.

Table 1. Summary of Permitting Requirements for Structures

Structure Type	Floodway	Flood Fringe	Standards*
Accessory Structures – on fill	Only specific uses and types allowed – with CUP	Allowed with Permit	6.23.D(2)
Accessory Structures – Alt. Elevation Methods	Only specific uses and types allowed – with CUP	Allowed with Permit	6.23.D(3)
Accessory Structures – Wet Floodproofing	Only specific uses and types allowed – with CUP	Allowed with Permit	6.23.D(1)
Accessory Structures – Dry (watertight) Floodproofing	Only specific uses and types allowed – with CUP	Allowed with Permit	6.23.D(4)
Residential			
Residential – on fill	Not allowed	Allowed with Permit	6.21.A
Residential – Alt. Elevation Methods	Not allowed	Allowed with CUP	6.41
Residential – Dry (watertight) Floodproofing and/or Basement Construction below RFPE	Not allowed	Not allowed	N/A
Non-Residential			
Non-Residential – on fill	Not allowed	Allowed with Permit	6.22.A
Non-Residential – Alt. Elevation Methods	Not allowed	Allowed with Permit	6.22.B
Non-Residential – Dry (watertight) Floodproofing and/or Basement Construction below RFPE	Not allowed	Allowed with Permit	6.22.C

**Note - many of these standards are cross-referenced*

SECTION 5.0 FLOODWAY DISTRICT

- 5.1 **Permitted Uses in Floodway.** Development allowed in the floodway district is limited to that which has low flood damage potential and will not obstruct flood flows, increase velocities, or increase the water surface elevations of the one-percent annual chance flood. The following uses and activities may be allowed with a permit, subject to the standards in Section 5.2:
 - 5.11 Agricultural uses, recreational uses, parking lots, loading areas, airport landing strips, water control structures, navigational facilities, as well as public open space uses.
 - 5.12 Roads, driveways, railroads, trails, bridges, and culverts.
 - 5.13 Public utility facilities and water-oriented industries which must be in or adjacent to watercourses.
 - 5.14 Grading, filling, land alterations, and shoreline stabilization projects.
 - 5.15 No structures, as defined in Section 2.0, are allowed in the Floodway District, except structures accessory to the uses detailed in Sections 5.11 and 5.31, which require a CUP under Section 5.32.
 - 5.16 Levees or dikes intended to protect agricultural crops, provided the top of the dike does not exceed the 10-percent annual chance flood event.
- 5.2 **Standards for Permitted Uses in Floodway.** In addition to the applicable standards detailed in Section 4.0:
 - 5.21 The applicant must demonstrate that the development will not result in any of the following during the one-percent annual chance flood: cause a stage increase of 0.00 feet or greater, obstruct flood flows, or increase velocities. This shall be demonstrated through hydrologic and hydraulic analysis performed by a professional

engineer or using other standard engineering practices (e.g. projects that restore the site to the previous cross-sectional area). This is commonly documented through a “no-rise certification.”

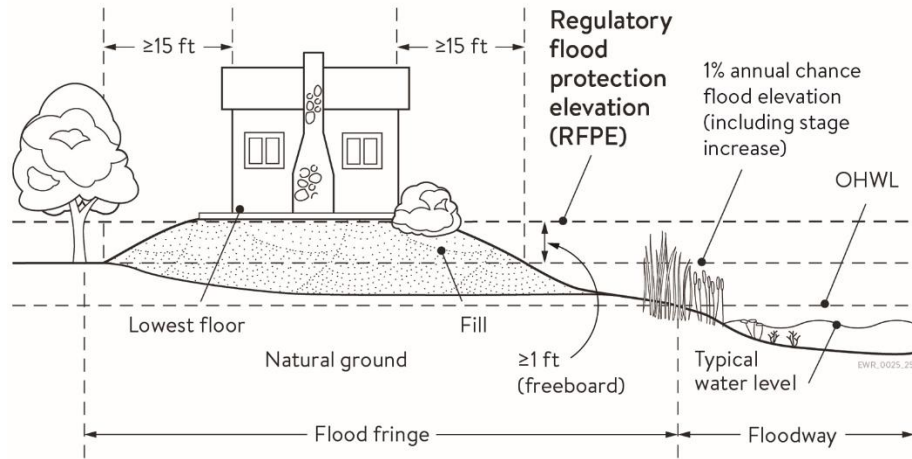
Item 4.

- 5.22 Any development that would result in a stage increases greater than 0.00 feet may only be allowed with a permit if the applicant has applied for and received approval for a Conditional Letter of Map Revision (CLOMR) in accordance with 44 CFR § 65.12. Map revisions must follow the procedures in Sections 11.15 and 14.0.
 - 5.23 Any development resulting in decreases to the water surface elevation of the base flood identified in the Flood Insurance Study requires a Letter of Map Revision (LOMR) following the procedures in Sections 11.15 and 14.0.
 - 5.24 Any development in the beds of public waters that will change the course, current or cross section is required to obtain a public waters work permit in accordance with Minnesota Statutes, section 103G.245 or a utility crossing license in accordance with Minnesota Statutes, section 84.415, from the Department of Natural Resources, or demonstrate that no permit is required, before applying for a local permit.
 - 5.25 Any facility used by employees or the general public must be designed with a flood warning system acceptable to the Zoning Administrator that provides adequate time for evacuation or be designed to ensure that within the area inundated during the base flood event, the depth (in feet) multiplied by the velocity (in feet per second) is less than four.
 - 5.26 Fill and other land alteration activities must offer minimal obstruction to the flow of flood waters and be protected from erosion and sediment entering surface waters by the use of vegetative cover, riprap or other methods as soon as possible.
- 5.3 **Conditional Uses in Floodway.** The following uses and activities may be permitted as conditional uses, subject to the standards detailed in Sections 5.4:
- 5.31 Commercial extractive uses, and storage and stockpiling yards.
 - 5.32 Structures accessory to uses detailed in Sections 5.11 and 5.31.
- 5.4 **Standards for Conditional Uses in Floodway.** In addition to the applicable standards detailed in Sections 4.0, 5.2 and 11.2:
- 5.41 Extractive uses and storage of materials require the completion of a site development and restoration plan, to be approved by the City of Grand Rapids.
 - 5.42 Accessory Structures. Structures accessory to the uses detailed in Sections 5.11 and 5.31 must be constructed and placed so as to offer a minimal obstruction to the flow of flood waters and are subject to the standards in Section 6.23 of this ordinance.

SECTION 6.0 FLOOD FRINGE DISTRICT

- 6.1 **Permitted Uses in Flood Fringe.** Any uses or activities allowed in any applicable underlying zoning districts may be allowed with a permit, subject to the standards set forth in Sections 6.2.
- 6.2 **Standards for Permitted Uses in Flood Fringe.** In addition to the applicable standards detailed in Section 4.0:
 - 6.21 Residential Structures.
 - A. Elevation on Fill. Structures erected, constructed, reconstructed, altered, or moved on fill within the Flood Fringe District shall be placed so that the lowest floor, as defined in Section 2.0 of this ordinance, is elevated at or above the Regulatory Flood Protection Elevation (RFPE). The finished fill elevation shall be at or above the elevation associated with the base flood plus any stage increases that result from designation of a floodway. Fill must extend at the same elevation at least 15 feet beyond the outside limits of the structure. Elevations must be certified by a registered professional engineer, land surveyor or other qualified person designated by the Zoning Administrator. Elevation methods alternative to these fill standards are subject to a Conditional Use Permit, as provided in Section 6.31 of this ordinance (Figure 2). Construction of this type shall only be permitted in locations where the natural ground is no lower than three feet below the base flood elevation.

Figure 2: Overview of fill standards for residential structures.



- 6.22 Nonresidential Structures. Nonresidential structures must meet one of the following construction methods:
- A. Elevation on Fill. Structures may be elevated on fill, meeting the standards in Section 6.21.A of this ordinance. Fill for nonresidential structures is not required to be extended 15 feet beyond the outside limits of the structure.
 - B. Alternative Elevation Methods. Structures may be elevated using methods alternative to the fill standards in Section 6.21.A of this ordinance. Such methods include the use of blocks, pilings (Figure 3), filled stem walls (Figure 4), or internally flooded enclosed areas (Figure 5) such as crawl spaces, attached garages, or tuck under garages.

Figure 3: Blocks or pilings.

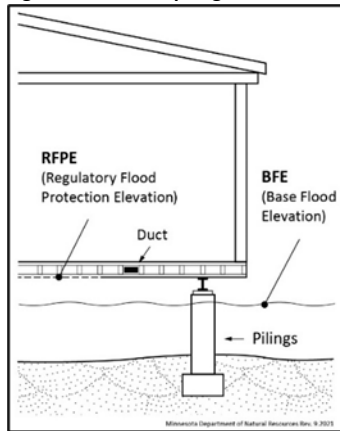


Figure 4: Filled stem walls.

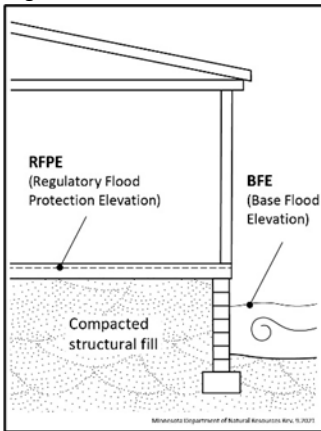
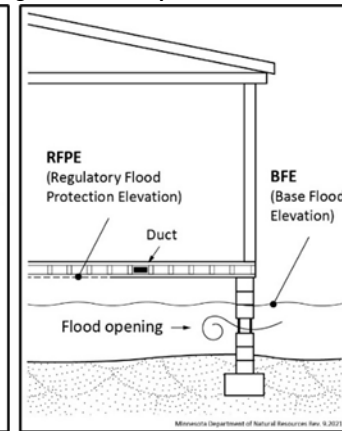


Figure 5: Internally flooded enclosed area.



Designs accommodating for internally flooded enclosed areas must be certified by a registered professional engineer or architect, or meet or exceed the standards detailed in *FEMA Technical Bulletin 1*, as amended, as well as the following standards:

- (1) The lowest floor, as defined in Section 2.0 of this ordinance, shall be elevated at or above the Regulatory Flood Protection Elevation (RFPE).
- (2) The floor of the enclosed area must be at or above the exterior grade on at least one side of the structure.
- (3) To allow for the equalization of hydrostatic pressure, there shall be a minimum of two openings below the base flood elevation on at least two sides of the structure. The bottom of all openings shall be no higher than one foot above grade. The openings shall have a minimum net area of not less than one square inch for every square foot of enclosed area subject to flooding, have a net area of not less than one square inch for every square foot of enclosed area subject to flooding, and shall allow automatic entry and exit of floodwaters without human intervention.

- (4) Internally flooded enclosed areas shall only be used for the parking of vehicles, building access, or storage. Bathrooms and toilet rooms shall not be allowed. Such areas shall be subject to a deed-restricted non-conversion agreement as well as periodic inspections with the issuance of any permit. Item 4.

C. **Dry Floodproofing.** Structures having watertight enclosed basements or spaces below the Regulatory Flood Protection Elevation (RFPE) must meet the following standards:

- (1) Walls must be substantially impermeable to the passage of water, with structural components having the capacity of resisting hydrostatic and hydrodynamic loads and effects of buoyancy, at least up to the Regulatory Flood Protection Elevation (RFPE);
- (2) Must meet the standards of FEMA Technical Bulletin 3, as amended; and
- (3) A registered professional engineer or architect shall be required to certify that the design and methods of construction meet the standards detailed in this Section.

6.23 **Accessory Structures.** All accessory structures must meet the following standards:

- A. Structures shall not be designed or used for human habitation.
- B. Structures will have a low flood damage potential.
- C. Structures shall constitute a minimal investment not to exceed 576 square feet in size, one-story in height, and shall only be used for parking and storage, except as provided under Section 6.23.E.
- D. Structures with two or more rigid walls, must meet one of the following construction methods:
 - (1) **Wet Floodproofing.** Structures may be floodproofed in a way to accommodate internal flooding. To allow for the equalization of hydrostatic pressure, there shall be a minimum of two openings on at least two sides of the structure and the bottom of all openings shall be no higher than one foot above grade. The openings shall have a minimum net area of not less than one square inch for every square foot of enclosed area subject to flooding and shall allow automatic entry and exit of floodwaters without human intervention.
 - (2) **Elevation on Fill.** Structures may be elevated on fill, meeting the standards in Section 6.21.A of this ordinance. Fill is not required to be extended 15 feet beyond the outside limits of the structure.
 - (3) **Alternative Elevation Methods.** Structures may have their lowest floor elevated above the Regulatory Flood Protection Elevation (RFPE) through methods alternative to the fill standards in Section 6.23.D(2), and must meet the standards in Section 6.22.B of this ordinance.
 - (4) **Dry Floodproofing.** Structures may be dry-floodproofed, or watertight, meeting the standards in Section 6.22.C of this ordinance.
- E. Structures with fewer than two rigid walls, such as carports, gazebos, and picnic pavilions, may be located at an elevation below the Regulatory Flood Protection Elevation, exceed 576 square feet in size, and may include uses as provided under Section 6.1

6.24 All new principal structures must provide vehicular access no lower than one foot below the Base Flood Elevation (BFE), unless a flood warning/emergency evacuation plan has been approved by the City of Grand Rapids.

6.25 Any facilities used by employees or the general public must be designed with a flood warning system acceptable to the City of Grand Rapids that provides adequate time for evacuation or be designed to ensure that within the area inundated during the base flood event, the depth (in feet) multiplied by the velocity (in feet per second) is less than four.

6.26 Manufactured homes and recreational vehicles must meet the standards of Section 10 of this ordinance.

6.3 **Conditional Uses in Flood Fringe.** The following uses and activities may be permitted as conditional uses, subject to the standards in Sections 6.4:

6.31 **Alternative Elevation Methods – Residential Structures.** Residential structures with their lowest floor elevated above the Regulatory Flood Protection Elevation (RFPE) using methods alternative to the fill requirements in Section 6.21.

6.4 **Standards for Conditional Uses in Flood Fringe.** In addition to the applicable standards detailed in Sections 4.0, 6.2 11.2:

- 6.41 All residential structures with lowest floors elevated through alternative elevation methods must meet the standards in Section 6.22.B of this ordinance.

SECTION 7.0 GENERAL FLOODPLAIN DISTRICT

7.1 Permitted Uses in General Floodplain District

- 7.11 Until the floodway is delineated, allowable uses will be restricted to those listed in the Floodway District, Section 5.0
- 7.12 All other uses are subject to a floodway/flood fringe determination as provided in Section 7.4, in addition to the standards provided in Sections 7.2 and 7.3. Permitted uses shall be determined as follows:
- A. If the development is determined to be in the Floodway District, Section 5.0 applies.
 - B. If the development is determined to be in the Flood Fringe District, Section 6.0 applies.

7.2 Determining Flood Elevations

- 7.21 All development requires a determination of the Base Flood Elevation (BFE). Exceptions to this requirement include projects that restore the site to the previous cross-sectional area, such as shore stabilization or culvert replacement projects. Base Flood Elevations (BFE) may be found using best available data from any Federal, State, or other source (including MNDNR's Lake & Flood Elevations Online (LFEO) Viewer).

7.3 Encroachment Analysis

- 7.31 Encroachments due to development may not allow stage increases more than one-half (0.5) foot at any point, unless through a map revision following the procedures in Sections 11.15 and 14.0. This evaluation must include the cumulative effects of previous encroachments and must be documented with hydrologic and hydraulic analysis performed by a professional engineer, or using other standard engineering practices. A lesser water surface elevation increase than one-half (0.5) foot is required if, due to the water surface level increase, increased flood damages would potentially result.
- 7.32 Alterations or changes that result in stage decreases are allowed and encouraged.

7.4 Standards for the Analysis of Floodway Boundaries

- 7.41 Requirements for Detailed Studies. Any development, as requested by the Zoning Administrator, shall be subject to a detailed study to determine the limits of the Floodway District. This determination must be consistent with the minimum standards for hydrologic and hydraulic mapping standards and techniques, as detailed in Minnesota Rules, part 6120.5600, Subp. 4 and *FEMA Guidelines and Standards for Flood Risk Analysis and Mapping*, as revised. Additionally:
- A. A regulatory floodway necessary to carry the discharge of the one-percent annual chance flood must be selected without increasing the water surface elevation more than one-half (0.5) foot at any point. This determination should include the cumulative effects of previous encroachments. A lesser water surface elevation increase than one-half (0.5) foot is required if, due to the water surface level increase, increased flood damages would potentially result; and
 - B. An equal degree of encroachment on both sides of the stream within the reach must be assumed in computing floodway boundaries, unless topography, existing development patterns, and comprehensive land use plans justify a modified approach, as approved by the Department of Natural Resources.
- 7.42 Other Acceptable Methods. For areas where a detailed study is not available or required:
- A. Development prohibited in floodways (e.g. most buildings) requires a floodway/flood fringe determination to verify the development is within the flood fringe. This determination must be done by a professional engineer or utilize other accepted engineering practices. The Department of Natural Resources may also provide technical assistance and must approve any alternative methods used to determine floodway boundaries.

SECTION 8.0 SUBDIVISION STANDARDS

Item 4.

- 8.1 **Subdivisions.** All subdivided land must meet the following requirements. Manufactured home parks and recreational vehicle parks or campgrounds are considered subdivisions under this ordinance.
- 8.11 All lots within floodplain districts must be suitable for a building site outside of the Floodway District.
- 8.12 Subdivision of lands within the floodplain districts may not be approved if the cost of providing governmental services would impose an unreasonable economic burden on the City of Grand Rapids.
- 8.13 All subdivisions must have vehicular access both to the subdivision and to the individual building sites no lower than two feet below the Regulatory Flood Protection Elevation (RFPE), unless a flood warning/emergency evacuation plan has been approved by the City of Grand Rapids.
- 8.14 The Floodway and Flood Fringe District boundaries, the Regulatory Flood Protection Elevation (RFPE) and the required elevation of all access roads must be clearly identified on all required subdivision drawings and platting documents.

SECTION 9.0 PUBLIC AND PRIVATE UTILITIES, SERVICE FACILITIES, ROADS, BRIDGES, AND RAILROADS

- 9.1 **Public Transportation Facilities.** Railroad tracks, roads, and bridges must be elevated to the Regulatory Flood Protection Elevation (RFPE) where such facilities are essential to the orderly functioning of the area, or where failure or interruption would result in danger to public health or safety. Minor or auxiliary roads or railroads may be constructed at a lower elevation where failure or interruption of transportation services would not endanger the public health or safety. All public transportation facilities should be designed to minimize increases in flood elevations.
- 9.2 **Public Utilities.** All utilities such as gas, electrical, sewer, and water supply systems to be located in the floodplain must be elevated and/or floodproofed to the Regulatory Flood Protection Elevation (RFPE), be located and constructed to minimize or eliminate flood damage and be designed to eliminate infiltration of flood waters into the systems and discharges from the systems into flood waters. All public utilities should be designed to minimize increases in flood elevations. New solid waste management facilities, as defined in Minnesota Rules, part 7035.0300, are prohibited in the one-percent annual chance floodplain. Water supply systems are subject to the provisions in Minnesota Rules, part 4725.4350.
- 9.3 **Private On-Site Water Supply, Individual Sewage Treatment Systems, and other Service Facilities.** Private facilities shall be subject to applicable provisions detailed in Section 9.2. In addition, new or replacement on-site sewage treatment systems are to be located to avoid impairment to them or contamination from them during times of flooding, shall not be located in a designated floodway, and are subject to the provisions in Minnesota Rules, parts 7080.2270.

SECTION 10.0 MANUFACTURED HOMES AND RECREATIONAL VEHICLES

- 10.1 **Manufactured Homes.** Manufactured homes and manufactured home parks are subject to applicable standards for each floodplain district. In addition:
- 10.11 New and replacement manufactured homes must be placed and elevated in compliance with Section 6.0 of this ordinance and must be securely anchored to a system that resists flotation, collapse and lateral movement. Methods of anchoring may include, but are not limited to, use of over-the-top or frame ties to ground anchors.
- 10.12 New manufactured home parks and expansions to existing manufactured home parks must meet the appropriate standards for subdivisions in Section 8.0 of this ordinance.
- 10.2 **Recreational Vehicles.** New recreational vehicle parks or campgrounds and expansions to existing recreational vehicle parks or campgrounds are prohibited in any floodplain district. Recreational vehicles placed in existing recreational vehicle parks, campgrounds or lots of record in the floodplain must either:
- 10.21 Meet the requirements for manufactured homes in Section 10.1, or
- 10.22 Be travel ready, meeting the following criteria:
- A. The vehicle must be fully licensed.
- B. The vehicle must be ready for highway use, meaning on wheels or the internal jacking system, attached to the site only by quick disconnect type utilities.
- C. No permanent structural type additions may be attached to the vehicle.

- D. Accessory structures may be permitted in the Flood Fringe District, provided they do not hinder the removal of the vehicle should flooding occur, and meet the standards outlined in Sections 4.0 and 6.23.

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SECTION 11.0 ADMINISTRATION

11.1 Duties. A Zoning Administrator or other official must administer and enforce this ordinance.

11.11 Permit Application Requirements. Permit applications must be submitted to the Zoning Administrator. The permit application must include the following, as applicable:

- A. A site plan showing all existing or proposed buildings, structures, service facilities, potential obstructions, and pertinent design features having an influence on the permit.
- B. Location and detail of grading, fill, or storage of materials.
- C. Copies of any required local, state or federal permits or approvals.
- D. Other relevant information requested by the Zoning Administrator as necessary to properly evaluate the permit application.

11.12 Recordkeeping. The Zoning Administrator must maintain applicable records in perpetuity documenting:

- A. All certifications for dry floodproofing and alternative elevation methods, where applicable.
- B. Analysis of no-rise in the Floodway District, as detailed in Section 5.21, and encroachment analysis ensuring no more than one-half foot of rise in the General Floodplain District, as detailed in Sections 7.22 and 7.31.
- C. Final elevations, as applicable, detailing the elevation to which structures and improvements to structures are constructed or floodproofed. Elevations shall be determined by an engineer, architect, surveyor or other qualified individual, as approved by the Zoning Administrator.
- D. Substantial damage and substantial improvement determinations, as detailed in Section 12.13, including the cost of improvements, repairs, and market value.
- E. All variance actions, including justification for their issuance, and must report such variances as requested by the Federal Emergency Management Agency.

11.13 Certificate of Zoning Compliance for a New, Altered, or Nonconforming Use. No building, land or structure may be occupied or used in any manner until a certificate of zoning compliance has been issued by the Zoning Administrator stating that the finished fill and building floor elevations or other flood protection measures are in compliance with the requirements of this ordinance.

11.14 Notifications for Watercourse Alterations. Before authorizing any alteration or relocation of a river or stream, the Zoning Administrator must notify adjacent communities. If the applicant has applied for a permit to work in public waters in accordance with Minnesota Statutes, Section 103G.245, this will suffice as adequate notice. A copy of the notification must also be submitted to FEMA.

11.15 Notification to FEMA When Physical Changes Increase or Decrease Base Flood Elevations. Where physical changes affecting flooding conditions may increase or decrease the water surface elevation of the base flood, the City of Grand Rapids must notify FEMA of the changes in order to obtain a Letter of Map Revision (LOMR), by submitting a copy of the relevant technical or scientific data as soon as practicable, but no later than six months after the date such supporting information becomes available. Within the General Floodplain District, a map revision is only required if development results in stage increases greater than 0.5 feet.

11.2 Conditional Uses and Variances

11.21 Process.

- A. An application for a conditional use permit will be processed and reviewed in accordance with the provisions of this ordinance.
- B. An application for a variance to the provisions of this ordinance will be processed and reviewed in accordance with Minnesota Statutes, Section 462.357, Subd. 6(2) and this ordinance.

11.22 Additional Variance Criteria. The following additional variance criteria must be satisfied:

- A. Variances must not be issued within any designated regulatory floodway if any increase in flood levels due to the base flood discharge would result.
- B. Variances from the provisions of this ordinance may only be issued by a community upon:
 - (1) A showing of good and sufficient cause;
 - (2) A determination that failure to grant the variance would result in exceptional hardship to the applicant; and
 - (3) A determination that the granting of a variance will not result in increased flood heights, additional threats to public safety, extraordinary public expense, create nuisances, cause fraud on or victimization of the public, or conflict with existing local laws or ordinances.
- C. Variances from the provisions in this ordinance may only be issued upon a determination that the variance is the minimum necessary, considering the flood hazard, to afford relief.
- D. Variances must be consistent with the general purpose of these standards and the intent of applicable provisions in state and federal law.
- E. Variances may be used to modify permissible methods of flood protection, but no variance shall permit a lesser degree of flood protection than the Regulatory Flood Protection Elevation (RFPE).
- F. The Zoning Administrator must notify the applicant for a variance in writing that:
 - (1) The issuance of a variance to construct a structure below the base flood level will result in increased premium rates for flood insurance up to amounts as high as \$25 for \$100 of insurance coverage; and
 - (2) Such construction below the base flood level increases risks to life and property. Notification must be maintained with a record of all variance actions.

11.23 Considerations for Approval. The City of Grand Rapids must consider all relevant factors specified in other sections of this ordinance in granting variances and conditional use permits, including the following:

- A. The potential danger to life and property due to increased flood heights or velocities caused by encroachments.
- B. The danger that materials may be swept onto other lands or downstream to the injury of others.
- C. The safety of access to the property in times of flood for ordinary and emergency vehicles.

11.24 Conditions of Approval. The City of Grand Rapids may attach such conditions to the granting of variances and conditional use permits as it deems necessary to fulfill the purposes of this ordinance. Such conditions may include, but are not limited to, the following:

- A. Limitations on period of use, occupancy, and operation.
- B. Imposition of operational controls, sureties, and deed restrictions.
- C. The prevention of soil erosion or other possible pollution of public waters, both during and after construction.
- D. Other conditions as deemed appropriate by the Zoning Administrator and the City of Grand Rapids.

11.3 Notifications to the Department of Natural Resources

11.31 All notices of public hearings to consider variances or conditional uses under this ordinance must be sent via electronic mail to the Department of Natural Resources respective area hydrologist at least ten (10) days before the hearings. Notices of hearings to consider subdivisions/plats must include copies of the subdivision/plat.

11.32 A copy of all decisions granting variances and conditional uses under this ordinance must be sent via electronic mail to the Department of Natural Resources respective area hydrologist within ten (10) days of final action.

SECTION 12.0 NONCONFORMITIES

12.1 **Continuance of Nonconformities.** A use, structure, or occupancy of land which was lawful before the passage or amendment of this ordinance, but which is not in conformity with the provisions of this ordinance, may be continued subject to the following conditions:

- 12.11 Within the floodway and general floodplain districts (when a site has been determined to be located in the floodway following the procedures in Section 7.3, or when the floodway has not been delineated), any expansion or enlargement of uses or structures is prohibited.
- 12.12 Within all districts, any addition, modification, rehabilitation, repair, or alteration shall be in conformance with the provisions of this ordinance, shall not increase the flood damage potential or increase the degree of obstruction to flood flows, and where applicable, must be protected to the Regulatory Flood Protection Elevation (RFPE).
- 12.13 If any nonconforming structure is determined to be substantially damaged or substantially improved based on the procedures in Section 12.2, it may not be reconstructed except in conformity with the provisions of this ordinance. Any structures located outside the one-percent annual chance floodplain are exempt from this provision.
- 12.14 If any nonconforming use, or any use of a nonconforming structure, is discontinued for more than one year, any future use of the premises must conform to this ordinance.
- 12.15 If any nonconforming structure has utilities, electrical, or mechanical equipment damaged due to flooding, it must be rebuilt in conformance with the elevation requirements in Section 4.31.D to the greatest extent practicable. This requirement shall apply regardless of the determinations made in Section 12.2.

12.2 Substantial Improvement and Substantial Damage Determinations. Prior to issuing any permits for additions, modifications, rehabilitations, repairs, alterations, or maintenance to nonconforming structures, the Zoning Administrator is required to determine if such work constitutes substantial improvement or repair of a substantially damaged structure. A determination must be made in accordance with the following procedures:

- 12.21 Estimate the market value of the structure. In the case of repairs, the market value of the structure shall be the market value before the damage occurred and before any restoration or repairs are made.
- 12.22 Estimate the cost of the project. The property owner shall accommodate for inspection, and furnish other documentation needed by the zoning administrator to evaluate costs.
- A. Improvement costs shall be comprised of the market rate of all materials and labor, as well as the costs of all ordinary maintenance and upkeep carried out over the past one year.
- B. Costs to repair damages shall be comprised of the market rate of all materials and labor required to restore a building to its pre-damaged condition regardless of the work proposed, as well as associated improvement costs if structure is being restored beyond its pre-damaged condition.
- 12.23 Compare the cost of the improvement, repairs, or combination thereof to the estimated market value of the structure and determine whether the proposed work constitutes substantial improvement or repair of a substantially damaged structure, as defined in Section 2.0 of this ordinance.
- A. For the purposes of determining whether the proposed work would constitute substantial improvement, the evaluation shall also include all rehabilitations, additions, or other improvements completed since the community has adopted floodplain standards impacting this structure.
- B. If any nonconforming structure experiences a repetitive loss, as defined in Section 2.0 of this ordinance, it shall be considered substantially damaged and must not be reconstructed except in conformity with the provisions of this ordinance.
- 12.24 Based on this determination, the zoning administrator shall prepare a determination letter and notify the property owner accordingly. Structures determined to be substantially damaged or substantially improved may not be reconstructed except in conformity with the provisions of this ordinance.

SECTION 13.0 VIOLATIONS AND PENALTIES

- 13.1 **Uses in Violation of the Ordinance.** Every structure, fill, deposit, or other use placed or maintained in the floodplain in violation of this ordinance shall be considered a public nuisance.
- 13.2 **Civil Remedies.** The creation of a public nuisance may be enjoined and the maintenance of a public nuisance under this ordinance may be abated by an action brought by the City of Grand Rapids or the Department of Natural Resources.
- 13.3 **Enforcement.** Violations of the provisions of this ordinance constitutes a misdemeanor and is punishable as defined by law. The Zoning Administrator may utilize the full array of enforcement actions available to it including but not limited to

prosecution and fines, injunctions, after-the-fact permits, orders for corrective measures or a request to the National Flood Insurance Program for denial of flood insurance. The City of Grand Rapids must act in good faith to enforce the official controls and to correct ordinance violations to the extent possible so as not to jeopardize its eligibility in the National Flood Insurance Program.

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SECTION 14.0 AMENDMENTS

- 14.1 **Ordinance Amendments.** Any revisions to the floodplain maps by the Federal Emergency Management Agency or annexations of new map panels require an ordinance amendment to update the map references in Section 3.2 of this ordinance.
- 14.2 **Required Approval.** All amendments to this ordinance must be submitted to the Department of Natural Resources for review and approval prior to adoption, for compliance with state and federal rules and requirements. The floodplain ordinance shall not be considered valid until approved.

EFFECTIVE DATE: This ordinance shall be in full force and effect from and after its passage and approval.