



FLOODPROOF CONSTRUCTION REQUIREMENTS

*For lots touched by the Special Flood Hazard Area (100-yr
floodplain) or
lots with an approved FEMA Letter of Map Revision*

**ENGINEERING DEPARTMENT
(218)299-5390**

8/29/2016

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Section 1



Floodproof Construction Requirements Checklist FEMA Special Flood Hazard Areas (100-year Floodplain)

Step 1: Check the City of Moorhead website for lot information to determine if floodproof construction requirements are applicable.

For new construction, if the lot is in or touched by the 100-year floodplain and included on the list at the website below, proceed to Step 2. If the lot is in the 100-year floodplain but is not listed, a Conditional Use Permit (CUP) may be required. Contact the City Planning & Zoning Director for assistance.

http://www.cityofmoorhead.com/the_city/floodplain/permits.asp

For existing built lots, the mapping tools at the website below can be used to determine if the lot is in the 100-year floodplain. City Engineering staff is available to assist in determining the applicable requirements.

http://www.cityofmoorhead.com/the_city/floodplain/maps.asp

- Permitted Use
- Provisional Use (LOMR-F)
- Conditional Use

All construction in the 100-year floodplain requires a Floodplain Development Permit.

Step 2: Floodproof construction requirements package and required elevation forms are attached to this document.

- Floodplain Development Permit Application
- City Form A (completed by City, signed by applicant)
- Floodproof construction details

Step 3: Plans

If construction will vary from the detail sheets within this package then the plans must be developed and signed by a professional engineer or architect licensed in the State of Minnesota.

Construction plans for basements in the floodplain must not show sleeping rooms or a kitchen. Basements can be designed for bathrooms, closets, halls, storage rooms, laundry or utility space.

When submitting the plans to the City for issuance of a Floodplain Development Permit, verify the following:

- Floodproof construction details are clearly shown

- Critical elevations are clearly shown
- Floodplain Development Permit Application is completed
- Plans signed by an engineer or architect (for the floodproofing portions of the plans that vary from the standard detail sheets)

Step 4: Submit plans to the City.

- 1 set of plans submitted to the Engineering Department
- 1 set of plans submitted to Building Codes

Step 5: The City will issue a Floodplain Development Permit (Engineering Department), Provisional Use Permit for LOMR-F lots (Planning and Zoning Department), and a Building Permit (Building Codes). Post the Floodplain Development Permit on-site with the Building Permit.

Step 6: Proceed to construction. Inspections listed below must be performed. ***All floodproofing inspections in the Engineer/Architect column must be completed by the builder's engineer or architect and certified on a signed inspection report. Failure to certify these inspections will void the floodproof certification.***

	Building Codes	Engineer/ Architect
Place Base Flood Elevation (BFE) stake		<input type="checkbox"/>
Elevation check on footings before concrete is placed		<input type="checkbox"/>
Footings	<input type="checkbox"/>	<input type="checkbox"/>
Foundation/rebar		<input type="checkbox"/>
Waterproofing		<input type="checkbox"/>
Drain tile		<input type="checkbox"/>
Concrete floor/poly		<input type="checkbox"/>
Sanitary sewer valve	<input type="checkbox"/>	
Sanitary sewer line	<input type="checkbox"/>	
Joist blocking	<input type="checkbox"/>	
Finish grading (LAG)		<input type="checkbox"/>

Step 7: Complete the following documents for a post-construction submittal to the City.

- Signed inspection report (completed by engineer or architect)
- Property Flood Survey
- FEMA Elevation Certificate
- FEMA Residential Basement Floodproofing Certificate

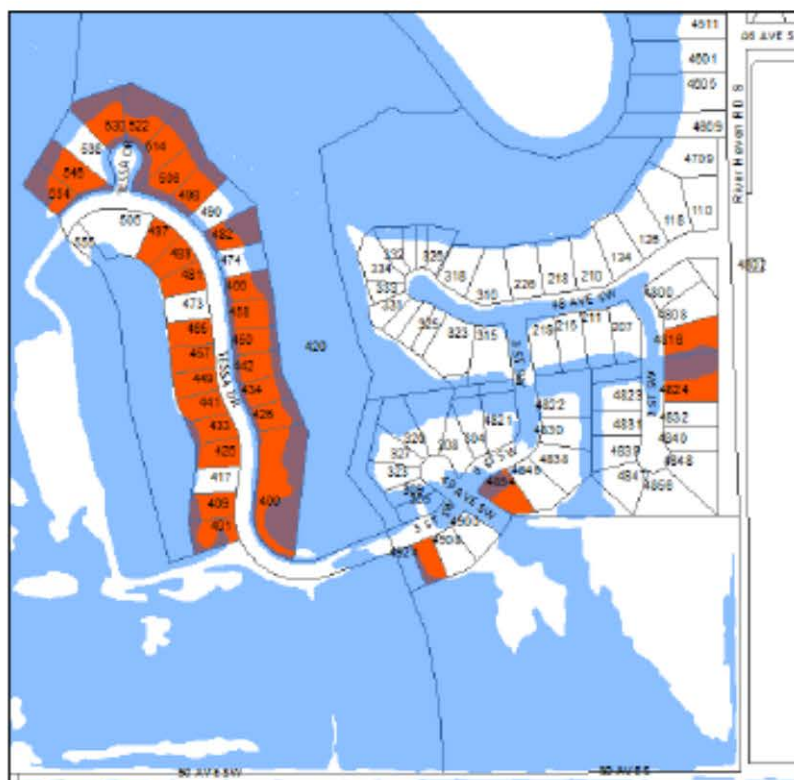
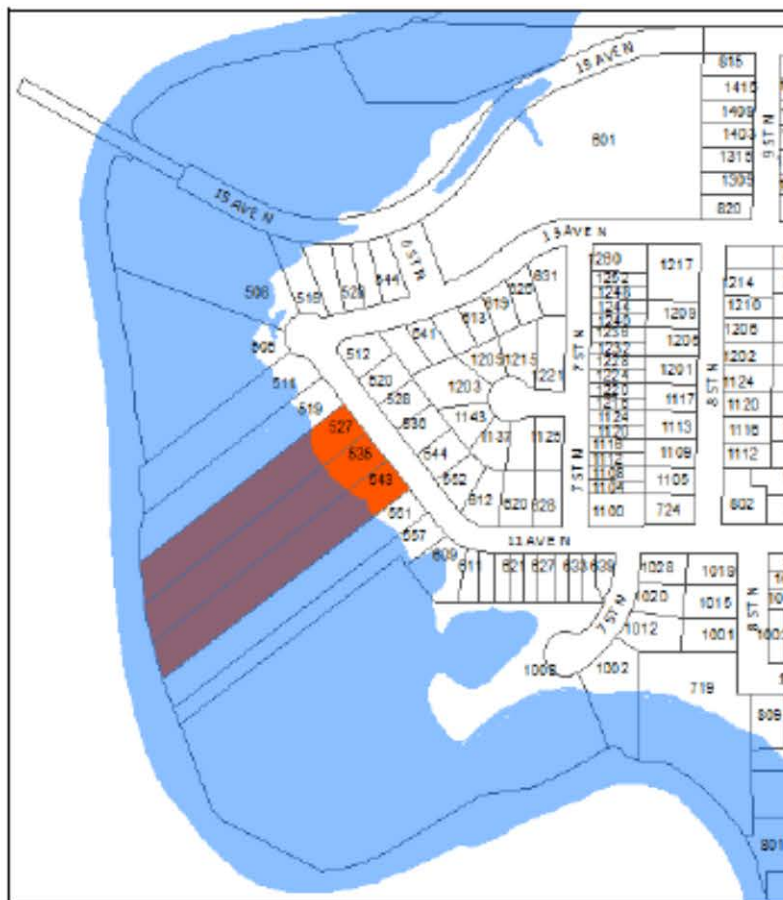
Step 8: Upon submission and verification of the documents in Step 7, Building Codes will issue a Certificate of Occupancy.

Section 2

Below are the thirty-six (36) buildable vacant properties in the City of Moorhead that are touched by the FEMA 100 Year Floodplain that will require a Floodplain Development Permit and Floodproof Basement Certificate. (* This List is current as of December 2012)

Parcel-ID	Land Address	Addition \ Subdivision	Block	Lot	BFE	FDL
587910240	4916 3RD ST SW	TESSA TERRACE 2ND ADD	3	3	905.2	907.2
587920160	401 TESSA DR	TESSA TERRACE 3RD ADD	1	16	905.3	907.3
587920150	409 TESSA DR	TESSA TERRACE 3RD ADD	1	15	905.3	907.3
587910140	4854 3RD ST SW	TESSA TERRACE 2ND ADD	1	14	905.3	907.3
587920130	425 TESSA DR	TESSA TERRACE 3RD ADD	1	13	905.3	907.3
587920340	400 TESSA DR	TESSA TERRACE 3RD ADD	2	18	905.3	907.3
587920120	433 TESSA DR	TESSA TERRACE 3RD ADD	1	12	905.3	907.3
587920330	426 TESSA DR	TESSA TERRACE 3RD ADD	2	17	905.3	907.3
587920110	441 TESSA DR	TESSA TERRACE 3RD ADD	1	11	905.3	907.3
587920320	434 TESSA DR	TESSA TERRACE 3RD ADD	2	16	905.3	907.3
587920100	449 TESSA DR	TESSA TERRACE 3RD ADD	1	10	905.3	907.3
587910010	4824 2ND ST SW	TESSA TERRACE 2ND ADD	1	1	905.3	907.3
587920310	442 TESSA DR	TESSA TERRACE 3RD ADD	2	15	905.2	907.2
587920090	457 TESSA DR	TESSA TERRACE 3RD ADD	1	9	905.2	907.2
587920300	450 TESSA DR	TESSA TERRACE 3RD ADD	2	14	905.2	907.2
587920080	465 TESSA DR	TESSA TERRACE 3RD ADD	1	8	905.2	907.2
587900210	4816 2ND ST SW	REPLAT TESSA TERRACE 1ST ADD	2	4	905.2	907.2
587920290	458 TESSA DR	TESSA TERRACE 3RD ADD	2	13	905.2	907.2
587920280	466 TESSA DR	TESSA TERRACE 3RD ADD	2	12	905.2	907.2
587920060	481 TESSA DR	TESSA TERRACE 3RD ADD	1	6	905.2	907.2
587920050	489 TESSA DR	TESSA TERRACE 3RD ADD	1	5	905.2	907.2
587920040	497 TESSA DR	TESSA TERRACE 3RD ADD	1	4	905.2	907.2
587920260	482 TESSA DR	TESSA TERRACE 3RD ADD	2	10	905.2	907.2
587890010	554 TESSA DR	TESSA COURT ADD	1	1	905.2	907.2
587920240	498 TESSA DR	TESSA TERRACE 3RD ADD	2	8	905.2	907.2
587890020	546 TESSA DR	TESSA COURT ADD	1	2	905.2	907.2
587890070	506 TESSA DR	TESSA COURT ADD	1	7	905.2	907.2
587890060	514 TESSA DR	TESSA COURT ADD	1	6	905.2	907.2
587890040	530 TESSA DR	TESSA COURT ADD	1	4	905.2	907.2
587890050	522 TESSA DR	TESSA COURT ADD	1	5	905.2	907.2
580030010	304 43RD AVE S	ALLYSON PKWY 1ST ADD	1	1	904.6	906.6
584290080	3737 10TH ST S	MALLARD CREEK 4TH ADD	1	8	904.0	906.0
580930130	543 11TH AVE N	BRIDGEVIEW POINTE 2ND ADD	2	5	899.1	901.1
580930120	535 11TH AVE N	BRIDGEVIEW POINTE 2ND ADD	2	4	899.1	901.1
580930110	527 11TH AVE N	BRIDGEVIEW POINTE 2ND ADD	2	3	899.1	901.1
586570070	3510 RIVERVIEW CIR S	RIVERVIEW ESTATES 2ND ADD	1	7	904.0	906.0

Maps for relevant properties located in Bridgeview Pointe, Tessa Court, and Tessa Terrace Additions:



Section 3



Permit No. _____

FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

SECTION 1: GENERAL PROVISIONS:

1. Applicant must either be the owner of the property or have written authorization from the owner(s).
2. Applicant must complete Sections 1 & 2. The Engineering Department will complete sections 3 & 4.
3. Applicant must provide additional information in Section 4 prior to permit issuance.
4. For floodproofed structures applicant must submit two complete plan sets (1 for Engineering and 1 for Building Codes).
5. **No work of any kind may start until a permit is issued.**
6. False statements made in this application may result in permit revocation.
7. If the permit is revoked, all work must cease.
8. Development or structures shall not be used or occupied until a Certificate of Occupancy is issued.
9. The permit will expire if no work is commenced within six months of permit issuance.
10. Other permits may be required to fulfill local, state, and federal regulatory requirements.
11. Applicant gives consent to the City Engineer or his/her representatives to make reasonable inspections required to verify compliance.

SECTION 2: DESCRIPTION OF WORK (check all applicable boxes):

After completing Section 2, Applicant must submit form to the Engineering Department for review.

PROJECT ADDRESS: _____ PARCEL NO.: _____

LEGAL DESCRIPTION: _____

To avoid delay in processing the application, please provide a map attached to this application showing the project location.

A. STRUCTURAL DEVELOPMENT

ACTIVITY

- New Structure
- Addition
- Alteration
- Repair/Maintenance
- Relocation
- Demolition
- Replacement
- Flood Mitigation

STRUCTURE TYPE

- Residential (1-4 family or more than 4 family)
- Non-residential, commercial, office, etc. (Floodproofed? Yes)
- Warehouse
- Combined Use (Residential & Commercial)
- Manufactured (Mobile) Home (In mobile home park? Yes)
- Shed/Storage
- Deck
- Porch/3-Season Porch
- Garage
- Fence
- Other: _____

B. OTHER DEVELOPMENT ACTIVITIES

- Clearing Grading Fill Drilling
- Excavation (other than structural development checked above)
- Subdivision (new or expansion)
- Drainage Improvements (including culvert work)
- Road, Street or Bridge Construction
- Private Well or Septic/Drain Field
- Watercourse Alteration (including dredging & channeling modifications)
- Other (please specify) _____

C. Estimated Project Cost: \$ _____

APPLICANT CERTIFICATION: I HEREBY CERTIFY THAT ALL DATA ON THE APPLICATION FORMS, PLANS AND SPECIFICATIONS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

APPLICANT (printed):

NAME ADDRESS PHONE NO.

APPLICANT SIGNATURE: DATE:

CONTRACTOR CERTIFICATION: I HEREBY CERTIFY THAT I WAS HIRED BY THE APPLICANT TO CONSTRUCT THE PROJECT TO FLOODPLAIN REQUIREMENTS.

CONTRACTOR (printed):

COMPANY NAME ADDRESS PHONE NO.

CONTRACTOR SIGNATURE: DATE:

ENGINEER AND/OR ARCHITECT CERTIFICATION: I HEREBY CERTIFY THAT I WAS HIRED BY THE APPLICANT AND/OR CONTRACTOR TO PERFORM FLOODPROOF REQUIREMENTS, SITE INSPECTIONS AND SUBMIT POST-CONSTRUCTION DOCUMENTS TO THE City of Moorhead.

ENGINEER AND/OR ARCHITECT (printed): (If Applicable)

COMPANY NAME ADDRESS PHONE NO.

ENGINEER AND/OR ARCHITECT SIGNATURE: DATE:

SECTION 3: FLOODPLAIN DETERMINATION (To be completed by the Engineering Department)

The proposed development is located on FIRM Panel Number/Suffix. Effective Date. A copy of the relevant area on the FIRM is attached.

The proposed development:

- Is NOT located in the SFHA.
Is located in the SFHA as shown on the effective FIRM, but has been removed by a:
Letter of Map Revision Based on Fill (LOMR-F) FEMA Case No.
Letter of Map Amendment (LOMA) FEMA Case No.
Is located in the SFHA as shown on the effective FIRM, and must be removed by a Letter of Map Revision Based on Fill (LOMR-F) FEMA Case No.
Is located or partially located in the SFHA
FIRM Zone(s): BFE: ft.
Datum: NAVD 88 NGVD 29
Is located in the floodway.
See section 4 for additional information required for permit issuance.

SECTION 4: Additional Information Required (To be completed by the Engineering Department)

The applicant must submit the documents checked below before a permit can be issued:

- Subdivision or other development plans (including future development master plan).

- A site plan showing the location of all existing structures, water bodies, adjacent roads, lot dimensions, easements, proposed grading/fill, and proposed development/buildings to the extent known.
- Supplemental Data for Grading/Building Permit in SFHA (Form A).
- Building plans (drawn to scale) (2 sets required if floodproofed) and specifications, including where applicable:
 - floodproofing details per City floodproof construction requirements or as designed by a Professional Engineer or Architect.
 - proposed elevation of the first floor
 - proposed elevation of lowest floor (including basement)
 - proposed lowest adjacent grade to the structure
 - proposed fill elevation 15 ft. from the structure
 - types of water-resistant materials used below the first floor
 - details for floodproofing of utilities located below the first floor
 - details of enclosures below the first floor, if applicable
 - details for anchoring structures, if applicable
- Plans showing the extent of watercourse relocation and/or landform alterations, if applicable.
- LOMR-F and Community Acknowledgement Form upon completion of construction.
- No fill or construction may be placed in the floodway without a conditional use permit and a “No-Rise” certificate.
 - “No-Rise” Certificate - Certification from a registered engineer that the proposed activity in a regulatory floodway will not result in an increase in the BFE. A copy of all data and hydraulic/hydrologic calculations supporting this finding must be submitted.
- A geotechnical review is recommended for slope stability issues.
- Other: _____

SIGNED: _____ DATE: _____

TITLE: _____



SUPPLEMENTAL DATA FOR GRADING/BUILDING PERMIT IN SFHA (FORM A)

Parcel No. _____

Permit No. _____

A. General Information

Applicant's Name (Last, First, M.I.): _____

Address: _____

Project Location: _____

Phone: _____

Email: _____

B. Project Information

Floodplain District
 Floodway
 Flood Fringe

Effective Flood Insurance Study:
FIS Effective Date: _____
Community /Panel #: _____
Flood Zone: _____
FIS Cross-section: _____
Flooding Source: _____

Zoning Determination
 Permitted Use
 Provisional Use Permit (PUP)
 Conditional Use Permit (CUP)
 Variance

Hearing date: _____
DNR Notified: _____
Planning Dept. Initials: _____

Type of Project
 New Structure
 Addition
 Flood Mitigation
 Repair/Maintenance
 Relocation
 Demolition
 Replacement
 Alteration

Type of Structure
 Residential (1-4 family or more than 4)
 Non-residential, commercial, office, etc.
(Floodproofed? Yes)
 Warehouse
 Combined Use (Residential & Commercial)
 Manufactured (Mobile) Home
(In mobile home park? Yes)
 Shed/Storage
 Deck
 Porch/3-Season Porch
 Garage
 Fence
 Other: _____

Floodproofing Design Level (FDL) (to the nearest one-tenth foot): Basements & crawlspace
A. Base Flood Elevation (BFE) = _____ ft.*
B. Freeboard required by ordinance = 2.0 ft.
FDL (A + B) = _____ ft.
Datum: NGVD 1929 NAVD 1988

Regulatory Flood Protection Elevation (RFPE) (to the nearest one-tenth foot): Slab-on-grade
A. Base Flood Elevation (BFE) = _____ ft.*
B. Freeboard (1.0 ft.) plus stage = _____ ft.
RFPE (A + B) = _____ ft.
Datum: NGVD 1929 NAVD 1988

Comments:
***BFE must be verified by a Professional Engineer or Architect.**

C. Construction Information

Structure Elevation Requirements	Proposed	Required FDL	Required RFPE	Recommended 42.2' River Stage
a. Top of bottom flooring (slab-on-grade, basement or crawl space)		>BFE - 5 ft. =	> RFPE =	
b. Top of next higher floor		> FDL =	> RFPE =	
c. Attached garage (top of slab)		> FDL =	> RFPE =	
d. Lowest elevation of machinery or equipment servicing the building (describe equipment _____)		> FDL. =	> RFPE =	
e. Lowest adjacent (finished) grade (LAG)		BFE + 1.5 =	BFE + ____ = (B-.5")	
f. Lowest compacted fill elevation at 15 ft. from building		> BFE + 0.75 =	> BFE =	

I have been informed and understand that the City of Moorhead's Floodplain Manager recommends that the lowest adjacent grade of the structure be built to a river stage of 42.2 feet. _____ initials

D. Project Cost Factors for additions, improvements or repairs/maintenance (for nonconforming structures)

a. Cost of improvements/repairs/maintenance (including cost of labor and all supplies)	\$
b. Cost of previous improvements/ repairs/maintenance	\$
c. Total cost of improvements/repairs/maintenance (a + b)	\$
d. Estimated market value of existing structure (not including land value) without any improvements	\$
e. Percentage cost of improvements/repairs/maintenance (c ÷ d)*100, (must be < 50% for approval).	%

All floodproof construction inspections must be completed by a Professional Engineer or Architect. At the conclusion of construction, Property Flood Survey (as-built), inspection certification form, FEMA elevation certificate, and FEMA Floodproof Basement Certification forms must be completed and submitted to the City before a Certificate of Occupancy can be issued.

I hereby certify that all data on the application forms, plans and specifications are true and correct to the best of my knowledge.

Signature of Applicant or Contractor

I hereby certify that the BFE has been reviewed and is correct.

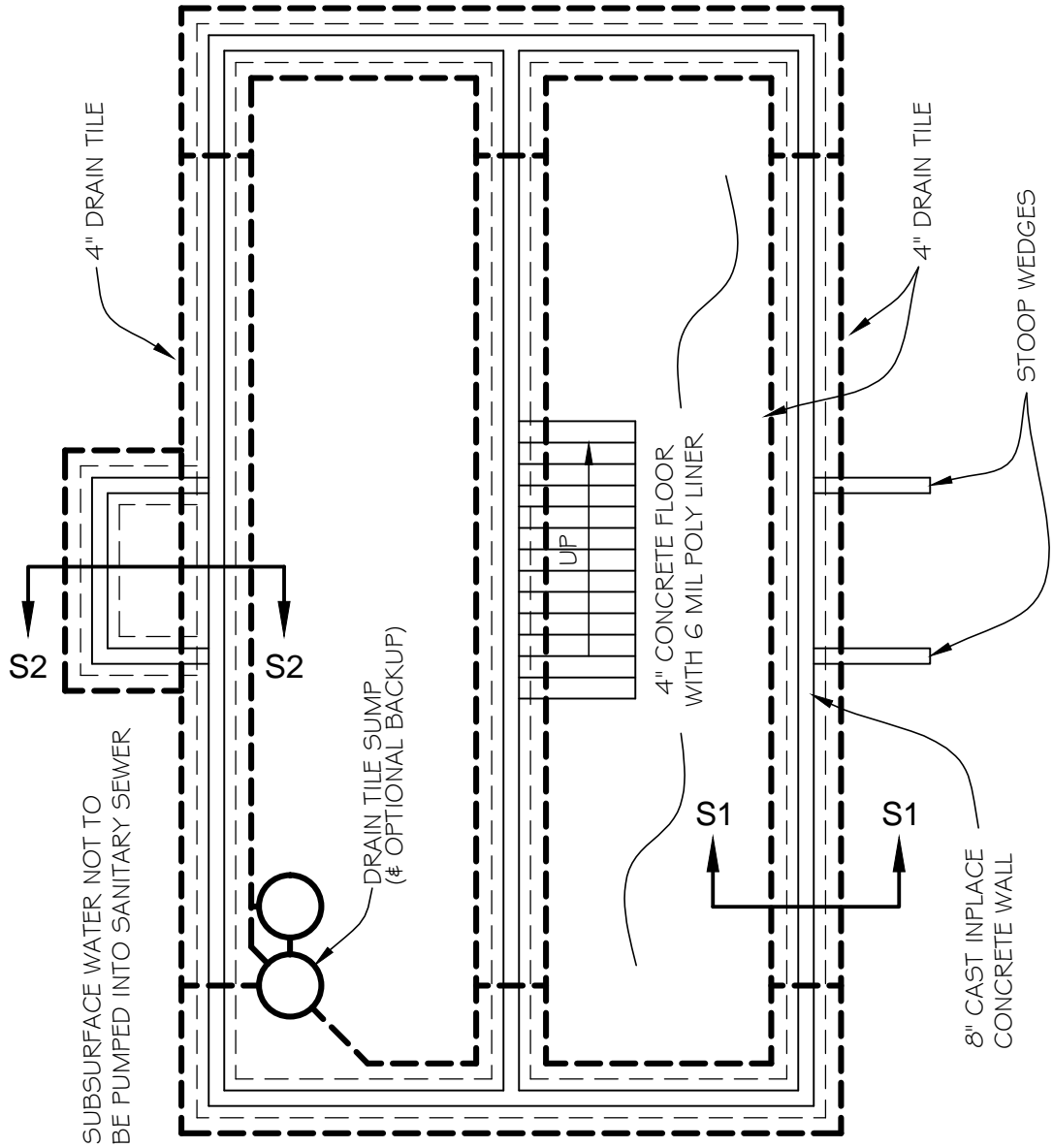
Signature of Engineer or Architect

Date

Date

Section 4

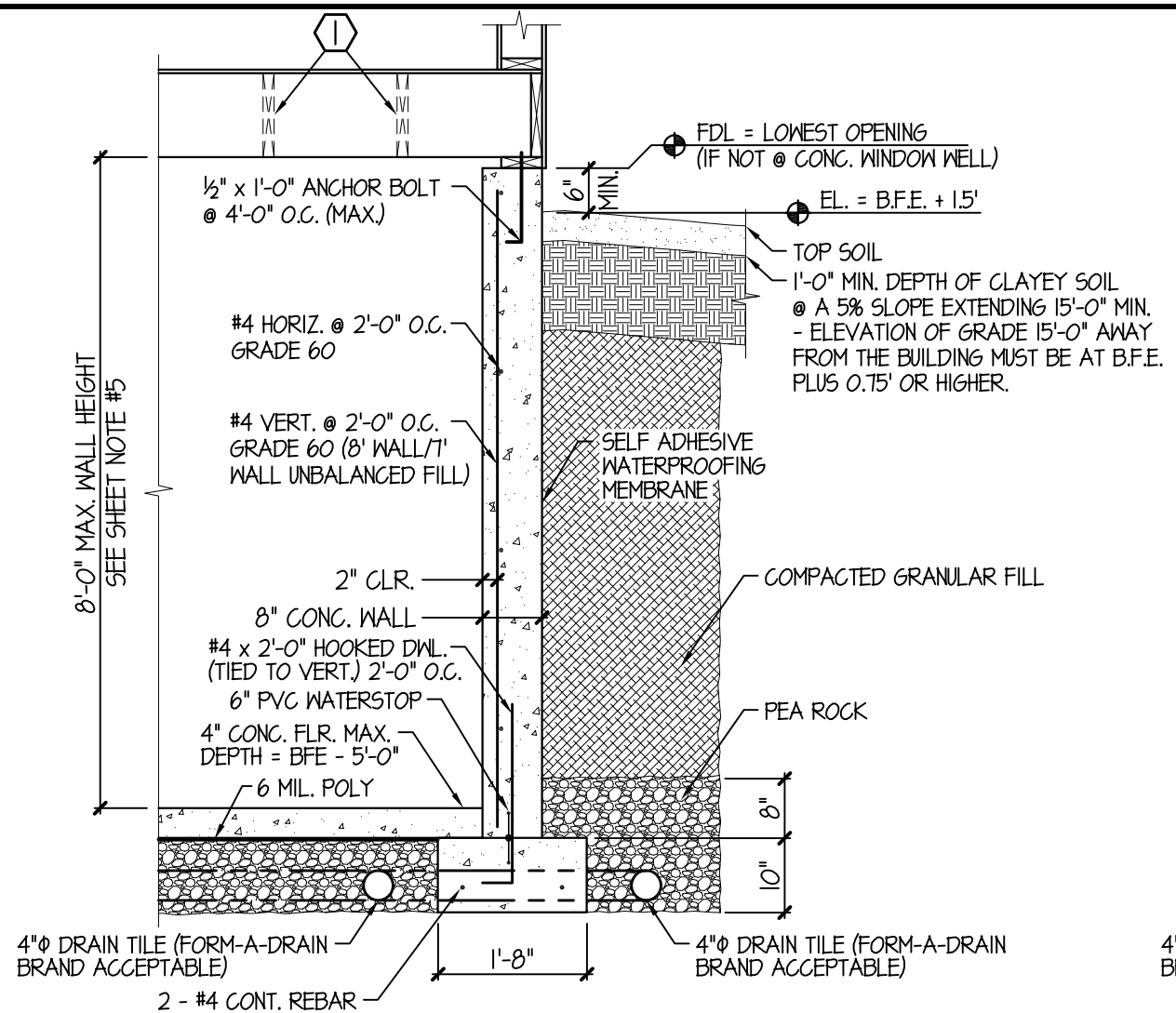
TOP OF ATTACHED GARAGE SLAB =
FDL OR HIGHER



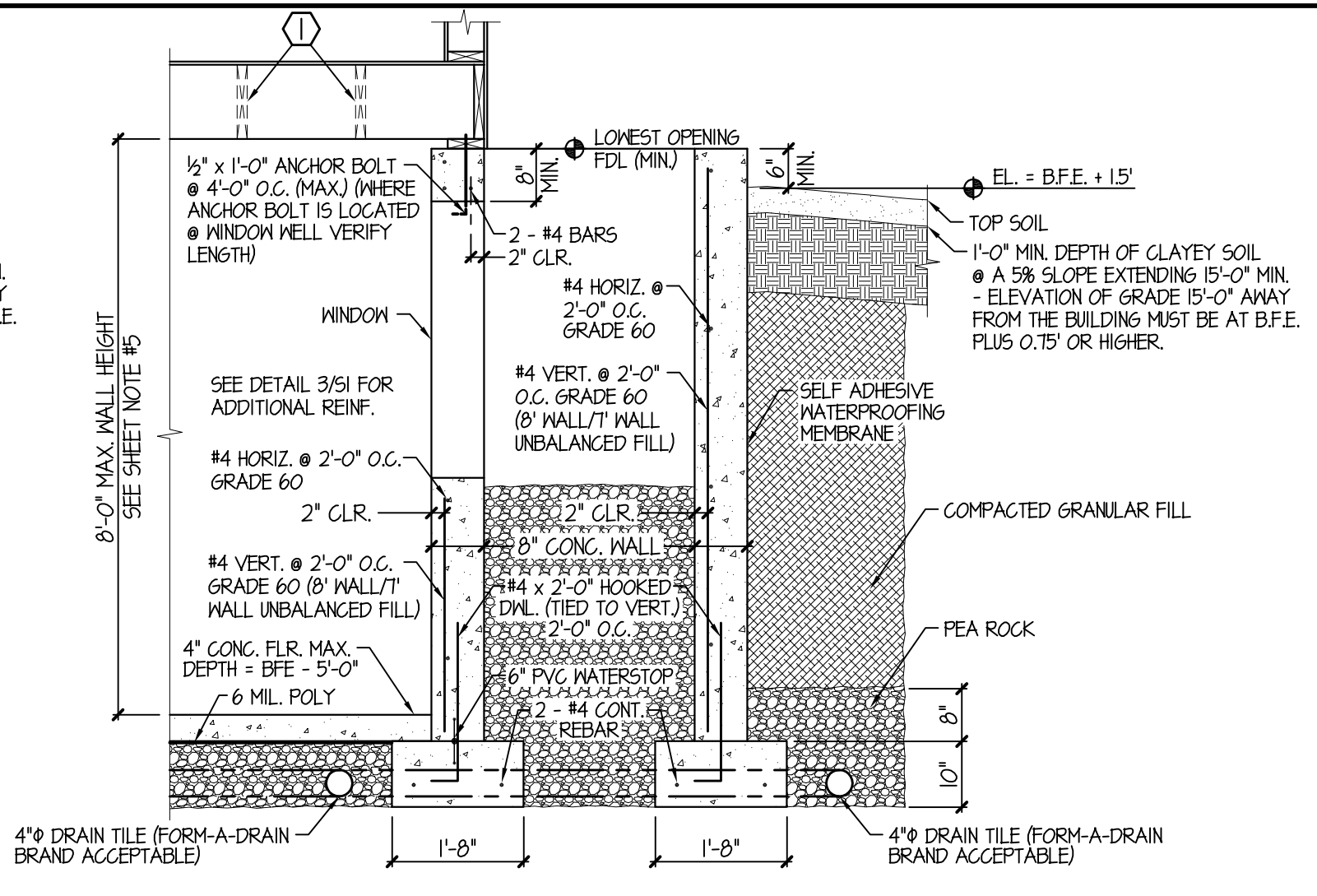
CONTRACTOR SHALL BE RESPONSIBLE TO CALL FOR ALL REQUIRED INSPECTIONS.

FOOTING & FOUNDATION WALL PLAN

SCALE: $\frac{1}{8}" = 1'-0"$



1 TYP. BASEMENT WALL SECTION
SI 1/2" = 1'-0"



2 TYP. BASEMENT WALL SECTION @ WINDOW WELL
SI 1/2" = 1'-0"

SHEET NOTES:

1. BASEMENT FLOOR MUST NOT BE LOWER THAN 5'-0" BELOW BFE (100 YEAR).
 2. MAIN FLOOR MUST BE ABOVE FDL.
 3. CONTRACTOR SHALL BE RESPONSIBLE TO CALL FOR ALL REQUIRED INSPECTIONS.
 4. FLOODPROOFING DESIGN LEVEL (FDL) SHALL BE BFE PLUS 2'-0".
 5. CONTACT STRUCTURAL ENGINEER IF WALL IS TO BE CONSTRUCTED GREATER THAN 8'-0" IN HEIGHT.
- CONSTRUCTION DESIGN MUST MEET OTHER REQUIREMENTS AND SPECIAL CONSIDERATIONS THAT ANY CONSTRUCTION SITE MAY PRESENT.
 - 8" POURED CONCRETE WALL MIN. COMPRESIVE STRENGTH 3000 PSI

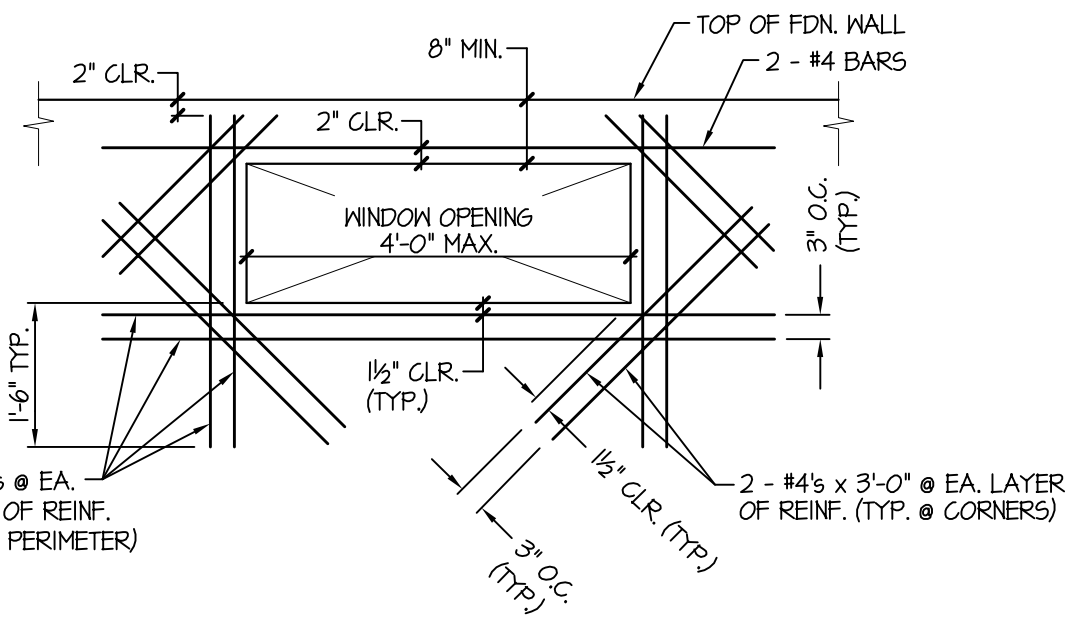
KEY NOTES:

- ① AT FOUNDATION WALL LOCATION WHERE JOISTS/TRUSSES ARE PARALLEL TO WALL, INSTALL TWO ROWS OF BLOCKING @ SAME SPACING & SIZE OF FRAMING JOIST/TRUSS.

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Jim Heyer
JIM HEYER

Date: 4-11-2012 Reg. No. 16374



3 ADDITIONAL REINF. @ OPENING
SI 1/2" = 1'-0"

Section 5



Floodplain Dev. Permit # _____

ENGINEERING DEPARTMENT
 500 CENTER AVENUE
 MOORHEAD, MN 56560
 (218) 299-5390

BUILDING CODES
 500 CENTER AVENUE
 MOORHEAD, MN 56560
 (218) 299-5424

FLOODPROOFING INSPECTION REPORT

Permit Applicant: _____ Phone Number: _____

Property Address: _____ Parcel Number: _____

INSPECTIONS

Inspection Type	Inspection Date	Inspected By	Photo	Comments
BFE Stake				BFE Benchmark:
Elev. Check				Elevation of footings must be checked before concrete is placed.
Footing				
Foundation & rebar				
Waterproofing				
Drain Tile				
Concrete Floor & Poly				
Finish Grading (LAG)				

Note: Photographs must be submitted with Floodproof inspection report.
 Engineer and/or Architect must complete all inspections listed above.
 Building Codes must complete inspections of footings, sewer line, sewer valve, and joist blocking in addition to other routine construction inspections.

CERTIFICATION

I certify that the above-referenced inspections have been completed by me or under my direct supervision and the construction activities were verified to meet federal, state and local requirements.

Print Name
Signature
MN License #
Date

(Engineer/Architect)

Section 6

Property Flood Survey Form (as-built)

Parcel-ID: _____

Property Address: _____

Subdivision\Legal Description: _____

Longitude: _____ Latitude: _____

Is this property in or touched by the Special Flood Hazard Area (SFHA) as shown on the Flood Insurance Rate Map (FIRM) Yes No

Community/Panel Number: _____ Effective Date: _____ FIS Cross-section: _____

Flood Zone(S): _____

LOMA/LOMR Submitted: Yes No Date Submitted: _____

LOMA/LOMR Received: Yes No Date Received: _____ Approved Denied FEMA Case Number: _____

Year Constructed: _____

Type of Structure: _____ FEMA Elevation Certificate Building Diagram Number: _____

Benchmark Used (NAVD88): _____

Base Flood Elevation (BFE): _____ ft.

Floodproofing Design Level (FDL): _____ ft. or Regulatory Flood Protection Elevation (RFPE): _____ ft.

Basement Information:

Floodproof Basement: Yes No

Walk-out Basement: Yes No Elevation: _____ ft.

Basement Floor or Crawlspace Elevation: _____ ft. Square Feet: _____

Basement Equipment: _____

Main Floor Elevation: _____ ft. Square Feet: _____

Garage Floor Elevation: _____ ft. Square Feet: _____ Attached Garage: Yes No

Lowest Opening: _____ ft.

Lowest Ground on Lot: _____ ft.

Lowest Adjacent Grade: _____ ft. Highest Adjacent Grade: _____ ft. Ground 15' from Building: _____ ft.

Deck Stairs Elevation: _____ ft. Attached to House Yes No

Top of Private Dike: _____ ft.

Survey Date: _____

Survey

Signature: _____ MN License# _____ Title: _____ Date: _____

Section 7

FEMA Elevation Certificate

Visit this link for most current FEMA Elevation Certificate

<https://www.fema.gov/about/glossary/elevation-certificate>

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

OMB No. 1660-0008
Expiration Date: November 30, 2018

ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1-9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

SECTION A – PROPERTY INFORMATION	FOR INSURANCE COMPANY USE
A1. Building Owner's Name <input type="text"/>	Policy Number: <input type="text"/>
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <input type="text"/>	Company NAIC Number: <input type="text"/>
City <input type="text"/> State <input type="text"/>	ZIP Code <input type="text"/>
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <input type="text"/>	
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <input type="text"/>	
A5. Latitude/Longitude: Lat. <input type="text"/> Long. <input type="text"/> Horizontal Datum: <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983	
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.	
A7. Building Diagram Number <input type="text"/>	
A8. For a building with a crawlspace or enclosure(s):	
a) Square footage of crawlspace or enclosure(s) <input type="text"/> sq ft	

Section 8

FEMA Floodproof Basement Certificate

Visit this link for the most up to date certificate

https://www.fema.gov/sites/default/files/documents/fema_nfip-basement-floodproofing-certificate-form-206-fy-21-122.pdf

U.S. DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
National Flood Insurance Program

RESIDENTIAL BASEMENT FLOODPROOFING CERTIFICATE

OMB No. 1660-0033
Expiration Date: November 30, 2016

For use ONLY in communities that have been granted an exception by FEMA to allow the construction of floodproofed residential basements in Special Flood Hazard Areas.

BUILDING OWNER'S NAME		FOR INSURANCE COMPANY USE	
STREET ADDRESS (Including Apt., Unit Number)			
OTHER DESCRIPTION (Lot and Block Numbers, etc.)			
CITY	STATE	ZIP CODE	

SECTION I – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the FIRM and flood profile (from Flood Insurance Study)

COMMUNITY NUMBER	PANEL NUMBER	SUFFIX	DATE OF FIRM	ZONE	BASE FLOOD ELEVATION (In AO Zones, Use Depth)	NAME OF FLOODING SOURCE(S) AFFECTING BUILDING

Indicate elevation datum used for Base Flood Elevation shown above: NGVD 1929 NAVD 1988 Other/Source: _____