PW061212-25

FLOOD PLAIN DEVELOPMENT PERMIT

CITY OF RAPID CITY

300 SIXTH STREET • RAPID CITY, SD 57701
(605) 394-4157

PERMIT NUMBER: _____

ID NO: _____
PIN NO: _____
APPLICATION DATE: _____
DATE ISSUED: _____

PROPERTY INFORMATION

LOT ADDRESS: 3213 Dover
OWNER NAME & ADDRESS: Jennifer Giroux
3213 Dover, Rapid City
TEL 341-3455

LEGAL DESC: Lot 1 of Lot G of Lot 2
SE1/4 SE1/4 Sec. 4, T1N, R7E

ZONED _____ ACRES 0.29

SETBACKS _____
EASEMENTS _____

ACCESS FROM: Dover St.
PERMIT TYPE _____

OF BLDGS _____ # OF UNITS _____ # OF SQ FT _____

PLAN # _____ SIDEWALKS? _____
APPEAL # _____ DRAINAGE _____
APPEAL # _____ BASIN CODE _____

TYPE OF CONSTRUCTION _____
OCCUPANCY GROUP/DIV _____

COMMENTS _____

PVT SEWAGE? _____ WATER SRC _____
FLOOD PLAIN? _____ FLOOD CODE _____ MAP # _____
FLOOD INS? _____ EFF YEAR _____

APPLICANT INFORMATION

NAME _____
ADDRESS _____
CITY/STATE _____ TEL _____

RELATIONSHIP TO PROPERTY:
☐ OWNER ☐ CONTRACTOR ☐ OWNERS REPRESENTATIVE

READ REVERSE BEFORE SIGNING

SIGNATURE OF APPLICANT _____ DATE _____

CONTRACTOR INFORMATION

APPLICATION DENIED

FEE INFORMATION

ESTIMATED COST/ICC VALUE _____

RECEIVED
MAY 14 2010
GROWTH MANAGEMENT DEPARTMENT

Responsible Party for Payment of All Fees

ISSUED BY _____ DATE _____

PW061212-25

FLOOD PLAIN DEVELOPMENT PERMIT APPLICATION

DESCRIPTION OF PROPOSED WORK – CHECK ALL THAT APPLY

☒ **Residential**
- ☐ New Construction
- ☒ Addition/Improvements

☐ **Non-Residential**
- ☐ New Construction
- ☐ Addition/Improvements

☐ **Mobile Home**
- ☐ Single Lot
- ☐ MHP/MHS

☐ **Subdivision** ☒ **Grading/Fill** ☐ **Festival** ☐ **Watercourse Alteration** ☐ **Other** _____

Attach the following information: Plans (2 copies) drawn to scale showing the nature, dimension and elevations of the area in question; existing or proposed structures, fill, storage materials, drainage facilities; the location of the foregoing; and relationship of the flood plain including the floodway, the base flood elevation, and regulatory flood protection elevations.

Specifically, the Following Information is *Required*:

1. The proposed development is located in the ☐ Floodway ☒ 100-Year Flood Plain ☐ Not located in the Floodway or the 100-Year Flood Plain.
2. FIRM Panel # 465420 000 ☐ 1F ☒ 3F ☐ 4F ☐ 6F ☐ 8F ☐ 9G ☐ 11F ☐ 12F ☐ 16F ☐ 17G
   Map Date/Index Date 2/16/96 2/18/98 Source: _____
3. Base Flood Elevation (BFE) 3306.8
   Existing Ground Elev. 3305.5
   Finish Ground Elev. 3309.0
   Elevations of lowest floor including basement and crawl space 3303.8
   Indicate elevation datum used for BFE and other elevation items: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other – Describe: _____
4. Attach 2 copies of FIRM with site identified (to scale).
5. Estimated cost of proposed development: _____

Complete or Attach the Following if Applicable to this Project:

☒ Attached ☐ N/A 1. Plans of the development to be undertaken, including any filling and any watercourse or drainage alteration;

☒ Attached ☐ N/A 2. Mean seal level (MSL) elevation of the lowest floor (including basement) of all existing & proposed structures;

☒ Attached ☐ N/A 3. Flood proofing certificate, FEMA Form 81-65;

☐ Attached ☒ N/A 4. FEMA No-rise Certification for Floodways;

☒ Attached ☐ N/A 5. A description of the extent to which any watercourse will be altered or relocated, included hydraulic calculations; and

☐ Attached ☒ N/A 6. Base (100-year) flood elevation data for a development or subdivision greater than 50 lots or 5 acres.

I certify to the best of my knowledge that the above information is correct and the structure/development will meet all applicable requirements of the Flood Area Construction Regulations, including the City of Rapid City Municipal Code – Chapters 15.32.

Warren L. Fisk
Signature of Registered Professional Engineer/Surveyor

PROFESSIONAL ENGINEER & LAND SURVEYOR REG. NO. 1771 WARREN L. FISK 5/7/10 SOUTH DAKOTA

APPLICATIONS WITHOUT THE REQURIED ATTACHMENTS WILL BE DENIED.

SD 1771
Professional License Number

TO BE COMPLETED BY FLOOD PLAIN ADMINISTRATOR

☐ **PERMIT IS APPROVED.** I have reviewed the plans and materials submitted in support of the proposed development and find them in compliance with applicable Flood Plain Management Standards.

☒ **PERMIT IS DENIED.** The proposed development is not in conformance with applicable Flood Plain Management Standards (explanation below).

Comments: Permit is lacking required item number 5 – estimated cost. The proposed improvements do not make the residence or shed conforming, the improvements most likely are substantial, therefore the permit is denied.

Flood Plain Administrator _____ Date 5/14/10

NOTE: A FEMA Elevation Certificate shall be filed by owner's professional representative prior to final inspection (residential) or certificate of occupancy for commercial and industrial permits. The applicant is responsible to comply with the applicable ordinance. Failure to comply will constitute a violation as indentified in the ordinance.

(Revised 3/4/10)

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CITY OF RAPID CITY

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SIGNATURE OF APPLICANT _____ DATE _____

Responsible Party for Payment of All Fees

ISSUED BY _____ DATE _____

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Warren L Fisk

Signature of Registered Professional Engineer/Surveyor

SD 1771

Professional License Number

PROFESSIONAL ENGINEER & LAND SURVEYOR REG. NO. 1771 WARREN L. FISK 5/7/10 SOUTH DAKOTA

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TO BE COMPLETED BY FLOOD PLAIN ADMINISTRATOR

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Comments: _____

_____ Flood Plain Administrator

_____ Date

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(Revised 3/4/10)

PW061212-25

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

FLOODPROOFING CERTIFICATE
FOR NON-RESIDENTIAL STRUCTURES

O.M.B. NO. 1660-0008
Expires March 31, 2012

The floodproofing of non-residential buildings may be permitted as an alternative to elevating to or above the Base Flood Elevation; however, a floodproofing design certification is required. This form is to be used for that certification. Floodproofing of a residential building does not alter a community's floodplain management elevation requirements or affect the insurance rating unless the community has been issued an exception by FEMA to allow floodproofed residential basements. The permitting of a floodproofed residential basement requires a separate certification specifying that the design complies with the local floodplain management ordinance.

BUILDING OWNER'S NAME	**FOR INSURANCE COMPANY USE**
STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER	POLICY NUMBER
OTHER DESCRIPTION (Lot and Block Numbers, etc.)	COMPANY NAIC NUMBER
CITY	STATE ZIP CODE

SECTION I–FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the proper FIRM:

COMMUNITY NUMBER	PANEL NUMBER	SUFFIX	DATE OF FIRM INDEX	FIRM ZONE	BASE FLOOD ELEVATION (In AO Zones, Use Depth)
465420	0003	F	2/16/96 Panel 2/18/98 com.	AE	3306.8

SECTION II–FLOODPROOFING INFORMATION (By a Registered Professional Engineer or Architect)

Floodproofing Design Elevation Information:

Building is floodproofed to an elevation of 3309.0 feet NGVD. (Elevation datum used must be the same as that on the FIRM.)

Height of floodproofing on the building above the lowest adjacent grade is 3.5 feet.

(NOTE: For insurance rating purposes, the building's floodproofed design elevation must be at least one foot above the Base Flood Elevation to receive rating credit. If the building is floodproofed only to the Base Flood Elevation, then the building's insurance rating will result in a higher premium.)

SECTION III–CERTIFICATION (By a Registered Professional Engineer or Architect)

Non-Residential Floodproofed Construction Certification:

I certify that, based upon development and/or review of structural design, specifications, and plans for construction, the design and methods of construction are in accordance with accepted standards of practice for meeting the following provisions:

The structure, together with attendant utilities and sanitary facilities, is watertight to the floodproofed design elevation indicated above, with walls that are substantially impermeable to the passage of water.

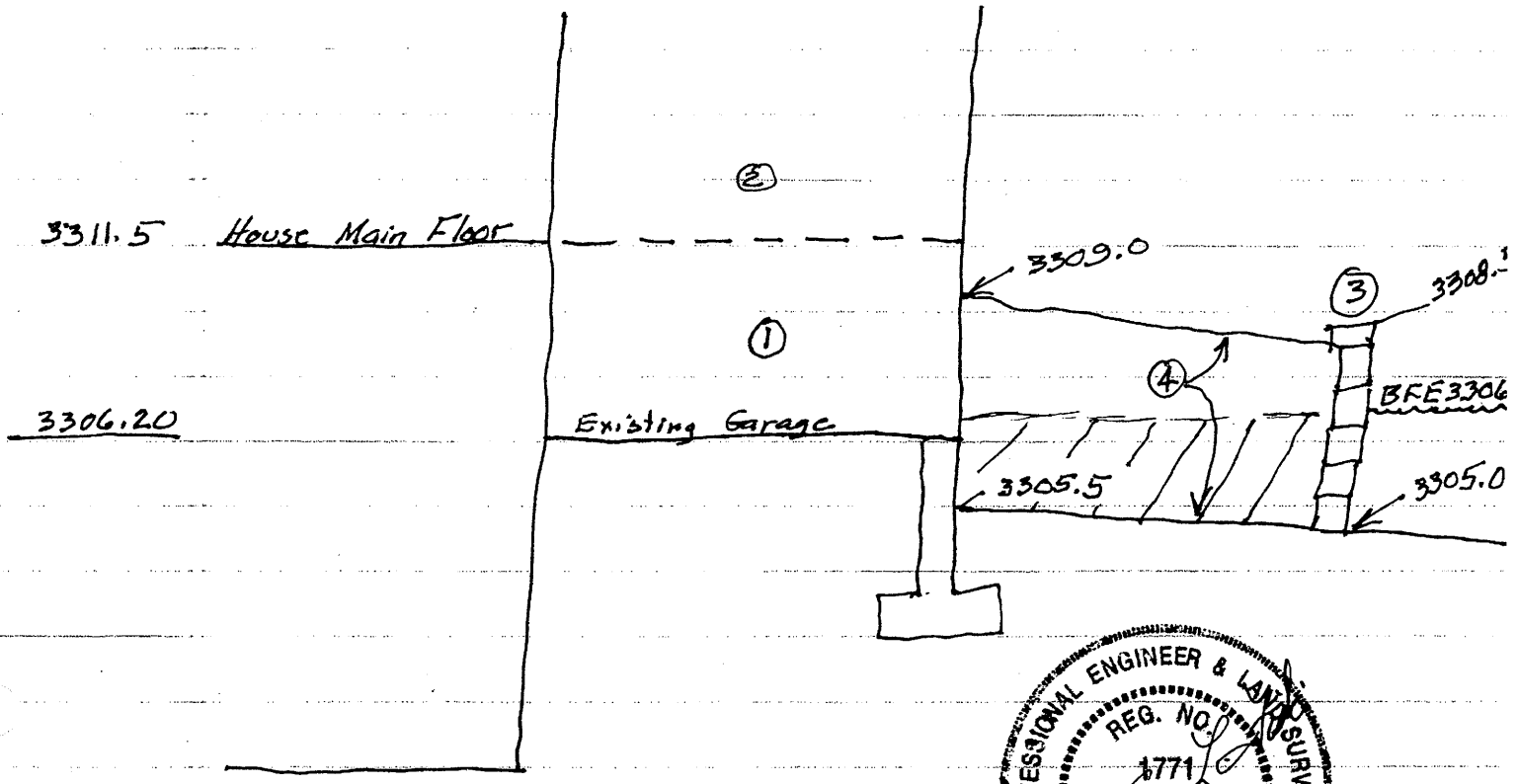
All structural components are capable of resisting hydrostatic and hydrodynamic flood forces, including the effects of buoyancy, and anticipated debris impact forces.

I certify that the information on this certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

CERTIFIER'S NAME	LICENSE NUMBER (or Affix Seal)		
Warren L. Fisk, P.E., L.S.	SD 1771		
TITLE	COMPANY NAME		
Sr. Engr	Fisk Land Surveying & Consulting Engineers, Inc.		
ADDRESS	CITY	STATE	ZIP CODE
P.O. Box 8154	Rapid City,	SD	57709-8154
SIGNATURE	DATE	PHONE	
Warren L. Fisk	May 7, 2010	605-348-1538	

Copies should be made of this Certificate for: 1) community official, 2) insurance agent/company, and 3) building owner.

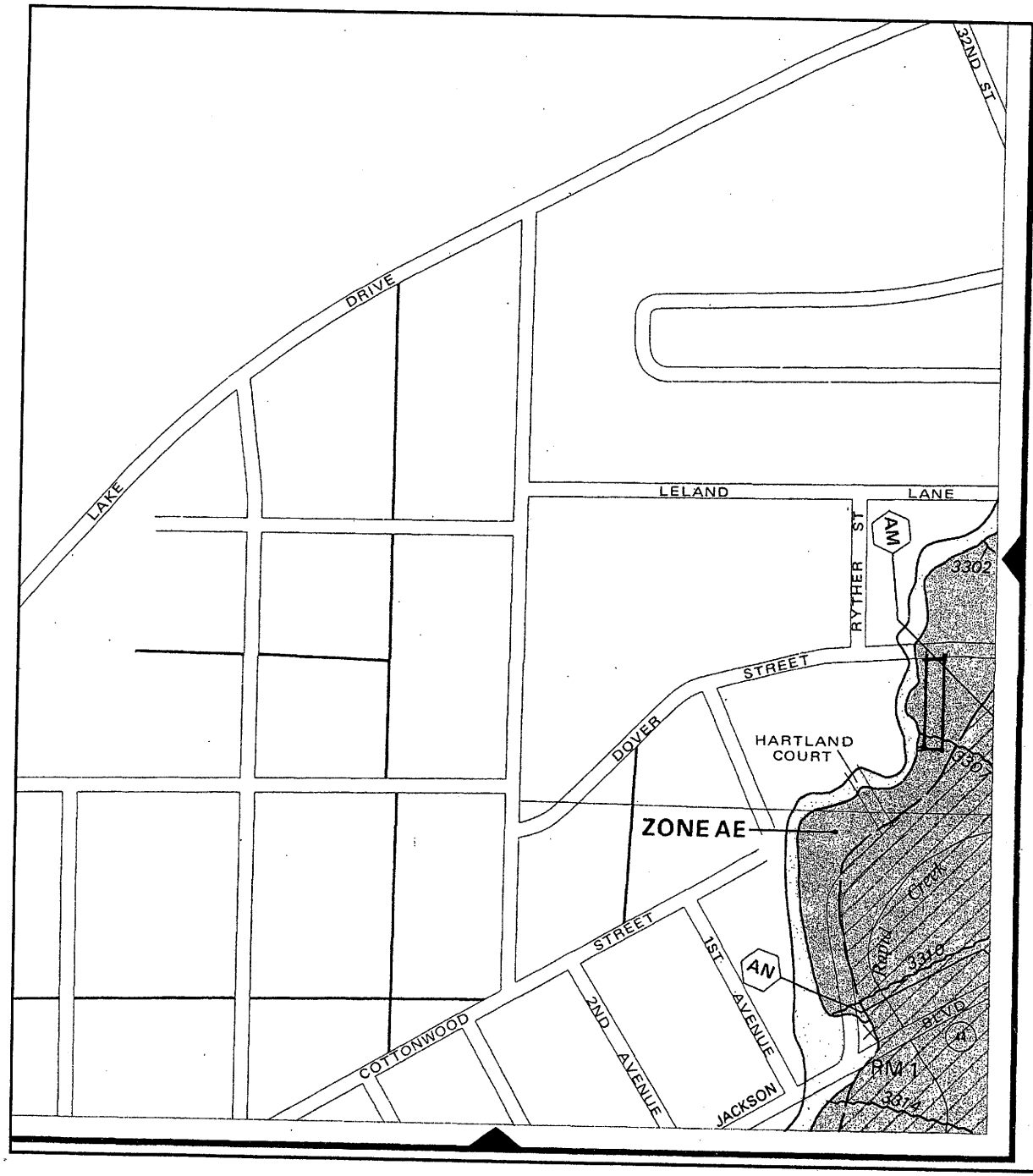
3213 Dover St.



PROFESSIONAL ENGINEER & LAND SURVEYOR
REG. NO. 1771
WARREN L. FISK
5/7/10
SOUTH DAKOTA

1. Remove Garage
2. Add to house on extended footprint of old garage
3. Construct Retaining Wall, 8' from addition.
4. Fill as shown.
5. Shaded area shows the 12.5 S.F. of waterway reduction with mean depth of 1.55'
At this depth, near the edge of the flood fringe, the velocity should be 2 fps or less. The effect on water surface is minimal.

PW061212-25



APPROXIMATE SCALE IN FEET

400 0 400

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

CITY OF
RAPID CITY,
SOUTH DAKOTA
PENNINGTON COUNTY

(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER
465420 0003F

MAP REVISED:
FEBRUARY 16, 1996

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov