

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008
 Expiration Date: July 31, 2015

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name WOODRAL, LARRY & BARBARA		FOR INSURANCE COMPANY USE
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1541 NW PRIMROSE LANE		Policy Number:
City ROSEBURG	State OR	Company NAIC Number:
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) PROPERTY ID: R13417 MAP ID: 270614BD02000		

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) **RESIDENTIAL STRUCTURE**

A5. Latitude/Longitude: Lat. **43°13'23.65"N** Long. **123°22'38.65"W** Horizontal Datum: NAD 1927 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 **9**

A8. For a building with a crawlspace or enclosure(s):

a) Square footage of crawlspace or enclosure(s)	2042	sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade	16	
c) Total net area of flood openings in A8.b	2280	sq in
d) Engineered flood openings?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

A9. For a building with an attached garage:

a) Square footage of attached garage	675	sq ft
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade	0	
c) Total net area of flood openings in A9.b	0	sq in
d) Engineered flood openings?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number CITY OF ROSEBURG 410067		B2. County Name DOUGLAS		B3. State OREGON	
B4. Map/Panel Number 41019C 1707	B5. Suffix F	B6. FIRM Index Date 2-17-2010	B7. FIRM Panel Effective/Revised Date 2-17-2010	B8. Flood Zone(s) X	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 436.8 FT

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
 FIS Profile FIRM Community Determined Other/Source: _____

B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source: _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No
 Designation Date: _____ CBRS OPA

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: Construction Drawings* Building Under Construction* Finished Construction
 *A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.
 Benchmark Utilized: **%-164** Vertical Datum: **NAVD 1988**

Indicate elevation datum used for the elevations in items a) through h) below. NGVD 1929 NAVD 1988 Other/Source: _____
 Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	438.00	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor	440.90	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	N/A	<input type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab)	438.80	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	438.20	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	438.2	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	438.8	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	438.6	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. 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.

Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? Yes No

Check here if attachments.

Certifier's Name KRISTIAN O DEGROOT	License Number PLS 1941
Title PLS	Company Name BTS ENGINEERING & SURVEYING, INC.
Address 431 SE MAIN ST	City ROSEBURG State OR ZIP Code 97470
Signature	Date 4/29/2014 Telephone 541-673-0966

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

OREGON
 JULY 17, 1981
KRISTIAN O. DEGROOT
 1941

RENEWAL DATE: 12-31-2015

IMPORTANT: In these spaces, copy the corresponding information from Section A.	FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1541 NW PRIMROSE LANE	Policy Number:
City ROSEBURG State OR ZIP Code 97471	Company NAIC Number:

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

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

Comments THIS ELEVATION CERTIFICATE IS FOR A NEWLY CONSTRUCTED RESIDENTIAL HOUSE. THE ORIGINAL HOME BUILT IN 1960 WAS DEMOLISHED PRIOR TO CONSTRUCTION. ELEV C2a) IS THE CRAWLSPACE, C2b) IS THE FINISHED FLOOR, AND C2e) IS THE HEAT PUMP PAD. THIS STRUCTURE WAS REMOVED FROM THE SFHA BY LOMA CASE NO. 14-10-1349A-410067, DATED 4/29/2014.

Kristian O.

Digitally signed by Kristian O. DeGroot
DN: cn=Kristian O. DeGroot, o=BTS
Engineering, ou=PLS

Signature **DeGroot**

email=kris.degroot@btsengineering.com, c=US Date 4/29/2014
Date: 2014.04.29 08:21:26 -07'00'

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
 - a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ feet meters above or below the HAG.
 - b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ feet meters above or below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ feet meters above or below the HAG.
- E3. Attached garage (top of slab) is _____ feet meters above or below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is _____ feet meters above or below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? Yes No Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner's or Owner's Authorized Representative's Name

Address City State ZIP Code

Signature Date Telephone

Comments

Check here if attachments.

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

- G1. The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued
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- G7. This permit has been issued for: New Construction Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: _____ feet meters Datum _____
- G9. BFE or (in Zone AO) depth of flooding at the building site: _____ feet meters Datum _____
- G10. Community's design flood elevation: _____ feet meters Datum _____

Local Official's Name Title

Community Name Telephone

Signature Date

Comments

Check here if attachments.

Building Photographs

See Instructions for Item A6.

IMPORTANT: In these spaces, copy the corresponding information from Section A.

FOR INSURANCE COMPANY USE

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
1541 NW PRIMROSE LANE

Policy Number:

City ROSEBURG

State OR

ZIP Code 97471

Company NAIC Number:

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.

Date: 4/28/2014

Description: FRONT – NORTH WALL



Date: 4/28/2014

Description: BACK – SOUTH WALL



Date: 4/28/2014

Description: HEAT PUMP



Date: 4/28/2014

Description: NW CORNER



Building Photographs

Continuation Page

IMPORTANT: In these spaces, copy the corresponding information from Section A.

FOR INSURANCE COMPANY USE

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
1541 NW PRIMROSE LANE

Policy Number:

City ROSEBURG

State OR

ZIP Code 97471

Company NAIC Number:

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.

Date: 4/28/2014

Description: NE CORNER



Date: 4/28/2014

Description: VENTED CRAWL SPACE ACCESS



Date: 4/28/2014

Description: FOUNDATION VENT



Date: 4/28/2014

Description: TBM



Form 6-2013

FLOODPLAIN BUILDING SITE DIAGRAM

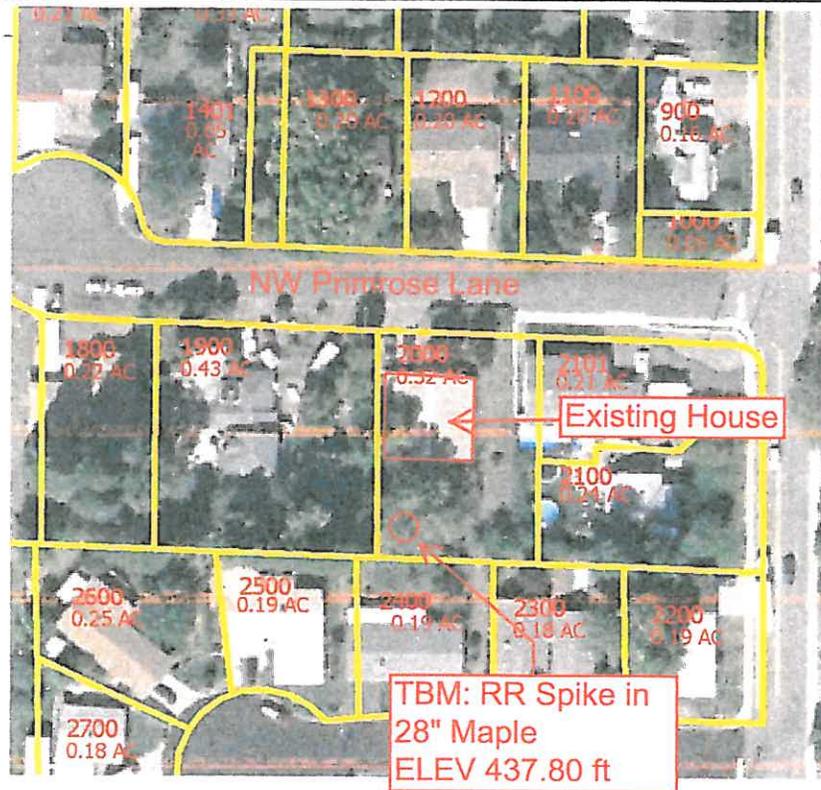
(To be completed by an Oregon Licensed Surveyor or Engineer)

PROPERTY I.D. NO. R 13417

WORK SHEET NO. _____

TOWNSHIP 27 RANGE 06 SEC. 14

SUB SEC. BD TAX LOT NO. 02000



REGISTERED PROFESSIONAL LAND SURVEYOR

Kristian O. Degroot

OREGON
JULY 17, 1981
KRISTIAN O. DEGROOT
1941

RENEWAL DATE: 12-31-2015

REGISTERED PROFESSIONAL LAND SURVEYOR

Kristian O. Degroot

OREGON
JULY 17, 1981
KRISTIAN O. DEGROOT
1941

RENEWAL DATE: 12-31-2013

New Structure is Removed From SFHA by LOMA Case No.14-10-1349A-410067

scale: +/- 1"=100'

PART ONE PRE-CONSTRUCTION

BM NO: % - 164	BM ELEVATION: 435.88 ft	BM LOCATION: NW Keasey	100 YEAR BASE FLOOD ELEVATION: 436.8 ft
Elevation datum NAVD 88	TBM ELEVATION: 437.80 ft	TBM LOCATION: 28" Maple	TBM DESCRIPTION: RR Spike
FEDERAL 100 YEAR Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	FEDERAL FLOODWAY Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	MEAN FLOODWAY VELOCITY: N/A	EXTREME HAZARD <input type="checkbox"/> HIGH HAZARD <input type="checkbox"/> LOW HAZARD <input checked="" type="checkbox"/>
FIRM MAP PANEL: 41019C 1707F	BUILDING SITE ELEVATION: 436.5 ft	Residential: MINIMUM REQUIRED FLOOR HEIGHT ABOVE GROUND TO BE 1.00 ft ABOVE BFE:	1.3 ft
Insurance Implication: Construction or placement of structures elevated less than 1' above BFE may result in increased premium rates for flood insurance, and such construction below the BFE increases risks to life and property.		Manufactured Home: MINIMUM REQUIRED FLOOR HEIGHT ABOVE GROUND TO BE 1.50ft ABOVE BFE:	N/A
		Non-residential: FLOOR HEIGHT TO BFE OR ABOVE:	N/A
		Exempt non-residential: FLOODPROOFING HEIGHT TO BFE OR ABOVE:	N/A

I certify as an Oregon Registered Professional Engineer or Surveyor that the above information is true and accurate.

SIGNATURE *Kristian O. Degroot* DATE September 24, 2013

PART TWO POST-CONSTRUCTION (Part One must also be completed on this form)

The building at the property location described above has the lowest floor (including basement, if any) at an elevation of:	NAVD '88 : <u>438.00 CRAWLSPACE</u>	The reference level is based on actual construction.	
or has been floodproofed in accordance with the Floodplain Ordinance to an elevation of:	NAVD '88 : N/A	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

I certify as an Oregon Registered Professional Engineer or Surveyor that the above information is true and accurate.

SIGNATURE *Kristian O. Degroot* DATE April 29, 2014



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (REMOVAL)

COMMUNITY AND MAP PANEL INFORMATION		LEGAL PROPERTY DESCRIPTION
COMMUNITY	CITY OF ROSEBURG, DOUGLAS COUNTY, OREGON	A parcel of land, as described in the Bargain and Sale Deed recorded as Instrument No. 1999-008246, in Book 1606, Pages 897 and 898, in the Office of the County Clerk, Douglas County, Oregon
	COMMUNITY NO.: 410067	
AFFECTED MAP PANEL	NUMBER: 41019C1707F DATE: 2/17/2010	
FLOODING SOURCE: NEWTON CREEK; SOUTH UMPQUA RIVER		APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 43.223, -123.377 SOURCE OF LAT & LONG: GOOGLE EARTH DATUM: NAD 83

DETERMINATION

LOT	BLOCK/SECTION	SUBDIVISION	STREET	OUTCOME WHAT IS REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NAVD 88)	LOWEST ADJACENT GRADE ELEVATION (NAVD 88)	LOWEST LOT ELEVATION (NAVD 88)
--	--	--	1541 Northwest Primrose Lane	Structure	X (unshaded)	--	438.2 feet	--

Special Flood Hazard Area (SFHA) - The SFHA is an area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood).

ADDITIONAL CONSIDERATIONS (Please refer to the appropriate section on Attachment 1 for the additional considerations listed below.)

eLOMA DETERMINATION

This document provides the Federal Emergency Management Agency's determination regarding a request for a Letter of Map Amendment for the property described above. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined that the structure(s) on the property(ies) is/are not located in the SFHA, an area inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood). This document amends the effective NFIP map to remove the subject property from the SFHA located on the effective NFIP map; therefore, the Federal mandatory flood insurance requirement does not apply. However, the lender has the option to continue the flood insurance requirement to protect its financial risk on the loan. A Preferred Risk Policy (PRP) is available for buildings located outside the SFHA. Information about the PRP and how one can apply is enclosed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, Attn: STARR eLOMA Coordinator, Marshall Rivers, 3901 Calverton Boulevard, Suite 400, Calverton, MD 20705, Fax: 301-210-4539.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

eLOMA



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (REMOVAL)

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

Structure Removal:

The following considerations may or may not apply to the determination for your Structure:

PORTIONS OF THE PROPERTY REMAIN IN THE SFHA and/or FLOODWAY - Portions of this property, but not the subject of the Determination document, may remain in the Special Flood Hazard Area (SFHA) and/or the regulatory floodway for the flooding source indicated on the Determination Document. The NFIP regulatory floodway is the area that must remain unobstructed in order to prevent unacceptable increases in base flood elevations. Therefore, no construction may take place in an NFIP regulatory floodway that may cause an increase in the base flood elevation. Therefore, any future construction or substantial improvement on the property remains subject to Federal, State/Commonwealth, and local regulations for floodplain management. The NFIP regulatory flood way is provided to the community as a tool to regulate floodplain development. Modifications to the NFIP regulatory floodway must be accepted by both the Federal Emergency Management Agency (FEMA) and the community involved. Appropriate community actions are defined in Paragraph 60.3(d) of the NFIP regulations. Any proposed revision to the NFIP regulatory floodway must be submitted to FEMA by community officials. The community should contact either the Regional Director (for those communities in Regions I-IV, and VI-X), or the Regional Engineer (for those communities in Region V) for guidance on the data which must be submitted for a revision to the NFIP regulatory floodway. Contact information for each regional office can be obtained by calling the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or from our web site at <http://www.fema.gov/aboutiregoff.htm>.

STUDY UNDERWAY - This determination is based on the flood data presently available. However, the Federal Emergency Management Agency may be currently revising the National Flood Insurance Program (NFIP) map for the community. New flood data could be generated that may affect this property. When the new NFIP map is issued it will supersede this determination. The Federal requirement for the purchase of flood insurance will then be based on the newly revised NFIP map.

EXTRATERRITORIAL JURISDICTION - The subject of the determination is shown on the National Flood Insurance Program map and may be located in an Extraterritorial Jurisdiction area for the community indicated on the Determination Document.

LEVEE - The subject property may be located in an area protected from the 1-percent annual chance flood (base flood) by a levee or other structure subject to possible failure or overtopping by a flood larger than the base flood.

This attachment provides additional information regarding this request. If you have any questions about this attachment, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, Attn: STARR eLOMA Coordinator, Marshall Rivers, 3901 Calverton Boulevard, Suite 400, Calverton, MD 20705, Fax: 301-210-4539.


Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (REMOVAL)

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

GROUND SUBSIDENCE - The location of this request may be in an area subject to ground subsidence, the lowering of the ground as a result of natural occurrences such as soil settlement, or artificial occurrences such as the extraction of water or oil from the ground. While the elevations submitted with this request show the subject property is currently above the Base Flood Elevation (BFE), the property may "subside" with the passage of time to the extent that property elevations would be below the BFE and flood insurance may be required.

GREAT LAKES - The Federal Emergency Management Agency (FEMA) has based this determination on elevation data, which is published in the current Flood Insurance Study for the community. However, the elevations established in the U.S. Army Corps of Engineers (USACE) reports on the Great Lakes are the best available data known to us. If in the future there are any subsequent map revisions to the national Flood Insurance Program map and the USACE reports remain the best available data known, FEMA will use those elevations for any such revisions. Further, be advised that the elevations on the Flood Insurance Rate Map (FIRM) may only reflect the Stillwater elevation for the lake and may not account for the effects of wind driven waves or wave run-up. On-site conditions such as wind speed, wind direction, fetch distance, water depth and the slope of the beach or bluff may result in significant increases to the base flood elevation. Therefore, it is strongly recommended that the requestor be aware of these circumstances and, if warranted, evaluate the effects of wind driven waves along the shoreline of the property.

STATE AND LOCAL CONSIDERATIONS - Please note that this document does not override or supersede any State or local procedural or substantive provisions which may apply to floodplain management requirements associated with amendments to State or local floodplain zoning ordinances, maps, or State or local procedures adopted under the National Flood Insurance Program.

COASTAL BARRIER RESOURCE SYSTEM - The subject of this determination may be located within the Coastal Barrier Resource System (CBRS). Federal financial assistance, including Federal flood insurance, is not available in CBRS areas for new construction or substantial improvements occurring after the date on which the area was declared by Congress to be part of the CBRS or otherwise protected area as required by the Coastal Barrier Resources Act (Public Law 97-348) and the Coastal Barrier Improvement Act 1990 (Public Law 101-591). This date is indicated on the National Flood Insurance Program map. For further information on this property and the CBRS or otherwise protected area designation, contact the U.S. Department of the Interior.

This attachment provides additional information regarding this request. If you have any questions about this attachment, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, Attn: STARR eLOMA Coordinator, Marshall Rivers, 3901 Calverton Boulevard, Suite 400, Calverton, MD 20705, Fax: 301-210-4539.


Luis Rodriguez, P.E., Chief
Engineering Management Branch
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