

BP 2012-0440 /
FP 2012-0101

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

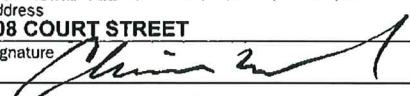
ELEVATION CERTIFICATE
IMPORTANT: Follow the instructions on pages 1-9.

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

SECTION A - PROPERTY INFORMATION		FOR INSURANCE COMPANY USE	
A1. Building Owner's Name APPLEGATE REVOCABLE TRUST/METHENY 1997 REVOCABLE TRUST		Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 38265 PATWIN TERRACE (LOT 9)		Company NAIC Number:	
City DAVIS	State CA	ZIP Code	95616
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) ASSESSOR'S PARCEL NUMBER: 036-160-048-000			
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) NON-RESIDENTIAL (BARN/SHOP W/FLOOD OPENINGS)			
A5. Latitude/Longitude: Lat. 38°32'35.0" Long. -121°47'53.7"		Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" 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 1B			
A8. For a building with a crawlspace or enclosure(s):		A9. For a building with an attached garage:	
a) Square footage of crawlspace or enclosure(s) 672 sq ft		a) Square footage of attached garage N/A sq ft	
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 4		b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade N/A	
c) Total net area of flood openings in A8.b 512 sq ft		c) Total net area of flood openings in A9.b N/A sq ft	
d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No N/A	

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION						
B1. NFIP Community Name & Community Number YOLO COUNTY UNINCORPORATED 060423			B2. County Name YOLO		B3. State CA	
B4. Map/Panel Number 06113C 0591	B5. Suffix G	B6. FIRM Index Date 06/18/2010	B7. FIRM Panel Effective/Revised Date 06/18/2010	B8. Flood Zone(s) A	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 67.72 (SEE SECTION D)	
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input checked="" type="checkbox"/> Other/Source: SEE SECTION D						
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____						
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date: _____ / _____ / _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA						

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)		
C1. Building elevations are based on: <input type="checkbox"/> Construction Drawings* <input type="checkbox"/> Building Under Construction* <input checked="" type="checkbox"/> 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: PLAINFIELD (SEE SECTION D) Vertical Datum: NAVD 88		
Indicate elevation datum used for the elevations in items a) through h) below. <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> 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) 65.8	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters	
b) Top of the next higher floor N/A	<input 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) N/A	<input 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) 68.8	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters	
f) Lowest adjacent (finished) grade next to building (LAG) 65.2	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters	
g) Highest adjacent (finished) grade next to building (HAG) 65.6	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters	
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support 65.2	<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.			
<input checked="" type="checkbox"/> Check here if comments are provided on back of form.		Were latitude and longitude in Section A provided by a licensed land surveyor? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input checked="" type="checkbox"/> Check here if attachments.			
Certifier's Name CHRISTOPHER W. LERCH		License Number L.S. 7906	
Title PRINCIPAL/SENIOR SURVEYOR		Company Name LAUGENOUR AND MEIKLE	
Address 608 COURT STREET		City WOODLAND	State CA
Signature 		ZIP Code 95695	Telephone (530) 662-1755
Date 12/16/2013			



OFFICE SET

RECEIVE
DEC 16 2013
Planning and
Public Works

OFFICE SET

ELEVATION CERTIFICATE, page 2

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. 38265 PATWIN TERRACE (LOT 9)			Policy Number:	
City DAVIS	State CA	ZIP Code 95616	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 **B.F.E. = CLOMR-F DOCUMENT-CASE NO. 10-09-2073C 05/27/10 (ENCL.). 2.52' HAS BEEN ADDED TO B.F.E. 65.20+2.52 = 67.72 TO CONVERT B.F.E. FROM CLOMR-F TO CURRENT MAP DATUM NAVD 88 DATUM. BENCHMARK NGS POINT DESIGNATION = PLAINFIELD; PID-AI5068; ELEVATION = 65.50 (NAVD 88). BUILDING IS A BARN WITH 4 PERMANENT ENGINEERED FLOOD OPENINGS CERTIFIED FOR 800 SF. LOWEST MACHINERY IS ELECTRICAL PANEL.**

Signature  Date **12/16/2013**

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 N/A feet meters above or below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is N/A 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 N/A feet meters above or below the HAG.
- E3. Attached garage (top of slab) is N/A feet meters above or below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is N/A 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 or Owner's Authorized Representative's Name N/A

Address <u>N/A</u>	City <u>N/A</u>	State <u>N/A</u>	ZIP Code <u>N/A</u>
Signature	Date <u>N/A</u>	Telephone	<u>N/A</u>

Comments N/A

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-G9) is provided for community floodplain management purposes.

G4. Permit Number <u>BP2012-0440</u>	G5. Date Permit Issued <u>11-7-12</u>	G6. Date Certificate Of Compliance/Occupancy Issued <u>12-17-13</u>
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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: 65.8 feet meters Datum NAVD 88

G9. BFE or (in Zone AO) depth of flooding at the building site: 67.72 feet meters Datum NAVD 88

G10. Community's design flood elevation: N/A feet meters Datum N/A

Local Official's Name <u>Douglas Simms</u>	Title <u>Building Official</u>
Community Name <u>Yolo County</u>	Telephone <u>(530) 666-8035</u>
Signature <u>Douglas Simms</u>	Date <u>12-17-13</u>

Comments A minor Flood Variance has been issued for building

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. 38265 PATWIN TERRACE (LOT 9)	Policy Number:
City DAVIS	State CA
ZIP Code 95616	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.

BARN/SHOP - FRONT VIEW (TAKEN 08/29/2013)



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. 38265 PATWIN TERRACE (LOT 9)		Policy Number:
City DAVIS	State CA	ZIP Code 95616
		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.

BARN/SHOP RIGHT & LEFT SIDE VIEWS (TAKEN 08/29/2013)





Federal Emergency Management Agency
Washington, D.C. 20472

May 27, 2010

THE HONORABLE LONNIE BUTLER
YOLO COUNTY
292 WEST BEAMER STREET
WOODLAND, CA 95695

CASE NO.: 10-09-2073C
COMMUNITY: YOLO COUNTY, CALIFORNIA
(UNINCORPORATED AREAS)
COMMUNITY NO.: 060423

DEAR MR. BUTLER:

This is in reference to a request that the Federal Emergency Management Agency (FEMA) determine if the property described in the enclosed document is located within an identified Special Flood Hazard Area, the area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood), on the effective National Flood Insurance Program (NFIP) map. Using the information submitted and the effective NFIP map, our determination is shown on the attached Conditional Letter of Map Revision based on FIRM (CLOMR-F) Comment Document. This comment document provides additional information regarding the effective NFIP map, the legal description of the property and our comments regarding this proposed project.

Additional documents are enclosed which provide information regarding the subject property and CLOMR-Fs. Please see the List of Enclosures below to determine which documents are enclosed. Other attachments specific to this request may be included as referenced in the Determination/Comment document. If you have any questions about this letter or any of the enclosures, 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, LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075.

Sincerely,

Kevin C. Long
Kevin C. Long, Acting Chief
Engineering Management Branch
Mitigation Directorate

LIST OF ENCLOSURES:
CLOMR-F COMMENT DOCUMENT
CLOMR-F-DBN COMMENT DOCUMENT

cc: Mr. Tim Ruff



Federal Emergency Management Agency
Washington, D.C. 20472

**CONDITIONAL LETTER OF MAP REVISION BASED ON FILL
COMMENT DOCUMENT**

COMMUNITY AND MAP PANEL INFORMATION		LEGAL PROPERTY DESCRIPTION
COMMUNITY	YOLO COUNTY, CALIFORNIA (Unincorporated Area)	Parcel D, as shown on the Plat recorded in Book 9, Page 42, in the Office of the Recorder, Yolo County, California The lowest floor elevations for the proposed buildings in this request are below the base flood elevation.
AFFECTED MAP PANEL	COMMUNITY NO.: 060423 NUMBER: 06042300780 DATE:	

FLOODING SOURCE: SHALLOW FLOODING APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 38.64, -121.78
SOURCE OF LAT & LONG: PRECISION MAPPING STRUETS 6.0 DATUM: NAD 83

COMMENT TABLE REGARDING THE PROPOSED PROPERTY (PLEASE NOTE THAT THIS IS NOT A FINAL DETERMINATION. A FINAL DETERMINATION WILL BE MADE UPON RECEIPT OF AS-BUILT INFORMATION REGARDING THIS PROPERTY)

LOT	BLOCK/SECTION	SUBDIVISION	STREET	OUTCOME WHAT WOULD BE REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NGVD 29)	LOWEST ADJACENT GRADE ELEVATION (NGVD 29)	LOWEST LOT ELEVATION (NGVD 29)
-	-	-	-	Structure (Bldg 1)	X (unshaded)	83.3 feet 65.82 (88)	82.3 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.)

LEGAL PROPERTY DESCRIPTION: CONDITIONAL LOMR-F DETERMINATION ZONE A
SUPERSEDES PREVIOUS DETERMINATION
PORTIONS REMAIN IN THE SFHA: STUDY UNDERWAY

This document provides the Federal Emergency Management Agency's comment regarding a request for a Conditional Letter of Map Revision based on Fill for the property described above. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined that the proposed structure(s) on the property(ies) would not be 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) if built as proposed. Our final determination will be made upon receipt of a copy of this document, as-built elevations, and a completed Community Acknowledgement form. Proper completion of this form certifies the subject property is reasonably safe from flooding in accordance with Part 65.5(a)(4) of our regulations. Further guidance on determining if the subject property is reasonably safe from flooding may be found in FEMA Technical Bulletin 10-01. A copy of this bulletin can be obtained by calling the FEMA Map Assistance Center toll free at (877) 336-7827 (877-FEMA-MAP) or from our web site at <http://www.fema.gov/nif/101001.pdf>. This document is not a final determination; it only provides our comment on the proposed project in relation to the SFHA shown on the effective NFIP map.

This comment document is based on the flood data presently available. The enclosed documents provide additional information regarding this request. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at (877) 336-2027 (877-FEMA-MAP) or by letter addressed to the Federal Emergency Management Agency, LOMR Clearinghouse, 5733 Santa Barbara Court, Elkhire, MS 24075.

Kevin C. Long
Kevin C. Long, Acting Chief
Engineering Management Branch
Mitigation Operations



Federal Emergency Management Agency
Washington, D.C. 20472

CONDITIONAL LETTER OF MAP REVISION BASED ON FILL
COMMENT DOCUMENT

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

LEGAL PROPERTY DESCRIPTION (CONTINUED)

Construction of buildings with this attribute will necessitate actions by the Community and Region before processing the as-built LOMR-F to ascertain adherence to design requirements listed in Technical Bulletin 10-01. A subsequent request for structures with as-built lowest floor elevations below the base flood elevation will result in suspension of the LOMR-F request until the Community and Region determine the buildings are "reasonably safe from flooding".

FEMA's Technical Bulletin 10-01 provides guidance for the construction of buildings on land elevated above the base flood elevation through the placement of fill. A copy of the Technical Bulletin 10-01 can be obtained by calling the FEMA Map Assistance Center toll free at (877) 338-2627 (877-FEMA MAP) or from our web site at <http://www.fema.gov/pdf/fima/tb1001.pdf>.

The base flood elevations in this determination are based upon the proposed pad locations. When submitting the final as-built LOMR-F application FEMA will require a certified structure location map be provided. If pad and/or structure location changes upon actual construction please note that the base flood elevations are subject to change as well.

DETERMINATION TABLE (CONTINUED)

LOT	BLOCK SECTION	SUBDIVISION	STREET	OUTCOME WHAT WOULD BE REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NGVD 29)	LOWEST ADJACENT GRADE ELEVATION (NGVD 29)	LOWEST LOT ELEVATION (RGVD 29)
-	-	-	-	Structure (Bldg 2)	X (unshaded)	63.8 feet 65.82 (88)	64.2 feet	-
-	-	-	-	Structure (Bldg 3)	X (unshaded)	63.3 feet 65.82 (88)	68.0 feet	-
-	-	-	-	Structure (Bldg 4)	X (unshaded)	63.3 feet 65.82 (88)	65.6 feet	-
-	-	-	-	Structure (Bldg 4)	X (unshaded)	63.8 feet 66.12 (88)	68.0 feet	-
-	-	-	-	Structure (Bldg 6)	X (unshaded)	64.5 feet 67.02 (88)	68.7 feet	-

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) 338-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMA Clearinghouse, 6730 Santa Barbara Court, Elbridge, MD 21119.

Kevin C. Long
Kevin C. Long, Acting Chief
Engineering Management Branch
Mitigation Directorate



Federal Emergency Management Agency
Washington, D.C. 20472

CONDITIONAL LETTER OF MAP REVISION BASED ON FILL
COMMENT DOCUMENT

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

PORTIONS OF THE PROPERTY REMAIN IN THE SFHA (This Additional Consideration applies to the preceding 6 Properties.)

Portions of this property, but not the subject of the Determination/Comment document, may remain in the Special Flood Hazard Area. Therefore, any future construction or substantial improvement on the property remains subject to Federal, State/Commonwealth, and local regulations for floodplain management.

CONDITIONAL CLOMR-F DETERMINATION (This Additional Consideration applies to the preceding 6 Properties.)

Comments regarding this conditional request are based on the flood data presently available. Our final determination will be made upon receipt of this Comment Document, certified as-built elevations and/or certified as-built survey. Since this request is for a Conditional Letter of Map Revision based on Fill, we will also require the applicable processing fee, and the "Community Acknowledgement" form. Please note that additional items may be required before a final as-built determination is issued.

This letter does not relieve Federal agencies of the need to comply with Executive Order 11988 on Floodplain Management in carrying out their responsibilities and providing Federally undertaken, financed, or assisted construction and improvements, or in their regulating or licensing activities.

ZONE A (This Additional Consideration applies to the preceding 6 Properties.)

The National Flood Insurance Program map affecting this property depicts a Special Flood Hazard Area that was determined using the best flood hazard data available to FEMA, but without performing a detailed engineering analysis. The flood elevation used to make this determination is based on approximate methods and has not been formalized through the standard process for establishing base flood elevations published in the Flood Insurance Study. This flood elevation is subject to change.

STUDY UNDERWAY (This Additional Consideration applies to all properties in the CLOMR-F COMMENT DOCUMENT)

This determination is based on the flood data presently available. However, the Federal Emergency Management Agency is 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.

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) 338-2827 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, 1200 Clearinghouse, 8730 Santa Barbara Court, Escondido, CA 92026.

Kevin C. Long
Kevin C. Long, Acting Chief
Engineering Management Branch
Mitigation Directorate



Federal Emergency Management Agency
Washington, D.C. 20472

CONDITIONAL LETTER OF MAP REVISION BASED ON FILL
COMMENT DOCUMENT

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

SUPERSEDES OUR PREVIOUS DETERMINATION (This Additional Consideration applies to all properties in the CLOMR-F COMMENT DOCUMENT)
This Determination Document supersedes our previous determination dated 3/18/2010, for the subject property.

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) 338-2827 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMD Clearinghouse, 8730 Santa Barbara Court, Elkhridge, MD 21076.

Kevin C. Long

Kevin C. Long, Acting Chief
Engineering Management Branch
Mitigation Directorate



Federal Emergency Management Agency
Washington, D.C. 20472

CONDITIONAL LETTER OF MAP REVISION BASED ON FILL
COMMENT DOCUMENT

COMMUNITY AND MAP PANEL INFORMATION		LEGAL PROPERTY DESCRIPTION
COMMUNITY	YOLO COUNTY, CALIFORNIA (Unincorporated Areas)	Parcel D, as shown on the Plat recorded in Book 9, Page 42, in the Office of the Recorder, Yolo County, California The lowest floor elevations for the proposed buildings in this request are below the base flood elevation.
AFFECTED MAP PANEL	COMMUNITY NO.: 000423	
	NUMBER: 08042305760	
	DATE:	

FLOODING SOURCE: SHALLOW FLOODING
APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 38.57N, -121.79W
SOURCE OF LAT & LONG: PRECISION MAPPING SYSTEMS DA DATUM: NAD 83

COMMENT TABLE REGARDING THE PROPOSED PROPERTY (PLEASE NOTE THAT THIS IS NOT A FINAL DETERMINATION. A FINAL DETERMINATION WILL BE MADE UPON RECEIPT OF AS-BUILT INFORMATION REGARDING THIS PROPERTY.)

LOT	BLOCK SECTION	SUBDIVISION	STREET	OUTCOME WHAT WOULD NOT BE REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NGVD 29)	LOWEST ADJACENT GRADE ELEVATION (NGVD 29)	LOWEST LOT ELEVATION (NGVD 29)
-	-	-	-	Structure (Bldg 7)	A	65.2 feet 67.72 (68)	65.0 feet	-

Special Flood Hazard Area (SFHA) - This 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.)

LEGAL PROPERTY DESCRIPTION: ZONE A
DETERMINATION TABLE (CONTINUED): STUDY UNDERWAY
CONDITIONAL LOMR-F DETERMINATION: SUPERSEDES PREVIOUS DETERMINATION

This document provides the Federal Emergency Management Agency's comment regarding a request for a Conditional Letter of Map Revision based on Fill for the property described above. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined that the proposed structure(s) on the property(ies) would be 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) if built as proposed. Therefore, flood insurance is required for the property described above. If fill is placed on the subject property to raise its elevation above the base flood elevation after the effective date of the first NFIP map showing the property in the SFHA, then, for the subject property to be outside of the SFHA, it must be demonstrated that the subject property is reasonably safe from flooding in accordance with Part 65.5(b)(4) of our regulations. Further guidance on determining if the subject property is reasonably safe from flooding may be found in FEMA Technical Bulletin 10-01. A copy of this bulletin can be obtained by calling the FEMA Map Assistance Center toll free at (877) 330-2827 (877-FEMA MAP) or from our web site at <http://www.fema.gov/nhltb1001.pdf>.

This comment document is based on the flood data presently available. The enclosed documents provide additional information regarding this request and information regarding your options for obtaining a Letter of Map Revision based on Fill. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at (877) 330-2827 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, ICMR/Map Assistance, 8750 Santa Barbara Court, Elkridge, MD 21075.

Kevin E. Long
Kevin E. Long, Acting Chief
Engineering Management Branch
Mitigation Directorate



Federal Emergency Management Agency
Washington, D.C. 20472

**CONDITIONAL LETTER OF MAP REVISION BASED ON FILL
COMMENT DOCUMENT**
ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

LEGAL PROPERTY DESCRIPTION (CONTINUED)

Construction of buildings with this attribute will necessitate actions by the Community and Region before processing the as-built LOMR-F to ascertain adherence to design requirements listed in Technical Bulletin 10-01. A subsequent request for structures with as-built lowest floor elevations below the base flood elevation will result in suspension of the LOMR-F request until the Community and Region determine the buildings are "reasonably safe from flooding".

FEMA's Technical Bulletin 10-01 provides guidance for the construction of buildings on land elevated above the base flood elevation through the placement of fill. A copy of the Technical Bulletin 10-01 can be obtained by calling the FEMA Map Assistance Center toll free at (877) 338-2827 (877-FEMA MAP) or from our web site at <http://www.fema.gov/pdf/fima/tb1001.pdf>.

The base flood elevations in this determination are based upon the proposed pad locations. When submitting the final as-built LOMR-F application FEMA will require a certified structure location map be provided. If pad and/or structure location changes upon actual construction please note that the base flood elevations are subject to change as well.

DETERMINATION TABLE (CONTINUED)

LOT	BLOCK/SECTION	SUBDIVISION	STREET	OUTCOME WHAT WOULD NOT BE REMOVED FROM THE SFMA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NGVD 29)	LOWEST ADJACENT GRADE ELEVATION (NGVD 29)	LOWEST LOT ELEVATION (NGVD 29)
--	--	--	--	Structure (Bldg A)	A	65.3 feet 67.72 (88)	64.2 feet	--
--	--	--	--	Structure (Bldg B)	A	65.3 feet 67.72 (88)	63.5 feet	--
--	--	--	--	Structure (Pump House)	A	63.8 feet 66.32 (88)	62.0 feet	--

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) 338-2827 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMR-G Headquarters, 6780 Santa Barbara Court, Elkridge, MD 21075.

Kevin C. Long
Kevin C. Long, Acting Chief
Engineering Management Branch
Mitigation Directorate



Federal Emergency Management Agency

Washington, D.C. 20472

CONDITIONAL LETTER OF MAP REVISION BASED ON FILL COMMENT DOCUMENT

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

CONDITIONAL LOMR-F DETERMINATION (This Additional Consideration applies to the preceding 4 Properties.)

Comments regarding this conditional request are based on the flood data presently available. Our final determination will be made upon receipt of this Comment Document, certified as-built elevations and/or certified as-built survey. Since this request is for a Conditional Letter of Map Revision based on Fill, we will also require the applicable processing fee, and the "Community Acknowledgement" form. Please note that additional items may be required before a final as-built determination is issued.

This letter does not relieve Federal agencies of the need to comply with Executive Order 11888 on Floodplain Management in carrying out their responsibilities and providing Federally undertaken, financed, or assisted construction and improvements, or in their regulating or licensing activities.

ZONE A (This Additional Consideration applies to the preceding 4 Properties.)

The National Flood Insurance Program map affecting this property depicts a Special Flood Hazard Area that was determined using the best flood hazard data available to FEMA, but without performing a detailed engineering analysis. The flood elevation used to make this determination is based on approximate methods and has not been formalized through the standard process for establishing base flood elevations published in the Flood Insurance Study. This flood elevation is subject to change.

STUDY UNDERWAY (This Additional Consideration applies to all properties in the CLOMR-F-DEN COMMENT DOCUMENT)

This determination is based on the flood data presently available. However, the Federal Emergency Management Agency is 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.

SUPERSEDES OUR PREVIOUS DETERMINATION (This Additional Consideration applies to all properties in the CLOMR-F-DEN COMMENT DOCUMENT)

This Determination Document supersedes our previous determination dated 3/10/2010, for the subject property.

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) 338-2027 (24/7-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMR Clearinghouse, 8733 Santa Barbara Court, Elkridge, MD 21078.

Karin G. Long

Karin G. Long, Acting Chief
Engineering Management Branch
Mitigation Directorate

**FLOODPROOFING CERTIFICATE
 FOR NON-RESIDENTIAL STRUCTURES**

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

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 APLEGATE REVOCABLE TRUST/METHENY 1997 REVOCABLE TRUST		FOR INSURANCE COMPANY USE	
STREET ADDRESS (including Apt., Unit, Suite, and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER 38265 PATWIN TERRACE (LOT 9)		POLICY NUMBER	
OTHER DESCRIPTION (Lot and Block Numbers, etc.) ASSESSOR'S PARCEL NUMBER: 036-160-048-000		COMPANY NAIC NUMBER	
CITY DAVIS	STATE CA	ZIP CODE 95616	

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)
060423	06113C 0591	G	06/18/2010	A	67.72

Indicate elevation datum used for Base Flood Elevation shown above: NGVD 1929 NAVD 1988 Other/Source: **SEE ATTACHED ELEVATION CERT.**

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

Elevations are based on: Construction Drawings Building Under Construction Finished Construction

Floodproofing Design Elevation Information:

Building is floodproofed to an elevation of 70.0 feet (In Puerto Rico only: _____ meters). NGVD 1929 NAVD 1988 Other/Source: _____
 (Elevation datum used must be the same as that used for the Base Flood Elevation.)

Height of floodproofing on the building above the lowest adjacent grade is 4.6 feet (In Puerto Rico only: _____ meters).

For Unnumbered A Zones Only:

Highest adjacent (finished) grade next to the building (HAG) 65.5 feet (In Puerto Rico only: _____ meters)

NGVD 1929 NAVD 1988 Other/Source: _____

(NOTE: For insurance rating purposes, the building's floodproofed design elevation must be at least 1 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)

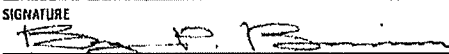
Non-Residential Floodproofed Construction Certification:

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 BRYAN P. BONINO	LICENSE NUMBER (or Affix Seal) L.S. 7521		
TITLE PRINCIPAL, SENIOR CIVIL ENGINEER	COMPANY NAME LAUGENOUR AND MEIKLE		
ADDRESS 608 COURT STREET	CITY WOODLAND	STATE CA	ZIP CODE 95695
SIGNATURE 	DATE 11/13/2013	PHONE (530)662-1755	

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

National Flood Insurance Program
FLOODPROOFING CERTIFICATE
FOR NON-RESIDENTIAL STRUCTURES

Paperwork Reduction Act Notice

General: This information is provided pursuant to Public Law 96-511 (the Paperwork Reduction Act of 1980, as amended), dated December 11, 1980, to allow the public to participate more fully and meaningfully in the Federal paperwork review process.

Authority: Public Law 96-511, amended; 44 U.S.C. 3507; and 5 CFR 1320.

Paperwork Burden Disclosure Notice: Public reporting burden for this data collection is estimated to average 3.25 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and submitting this form. You are not required to respond to this collection of information unless a valid OMB control number is displayed on this form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, Department of Homeland Security, Federal Emergency Management Agency, 1800 South Bell Street, Arlington, VA 20598-3005, Paperwork Reduction Project (1660-0008). **NOTE: Do not send your completed form to this address.**

Privacy Act Statement

Authority: Title 44 CFR § 61.7 and 61.8.

Principal Purpose(s): This information is being collected for the primary purpose of estimate the risk premium rates necessary to provide flood insurance for new or substantially improved structures in designated Special Flood Hazard Areas.

Routine Use(s): The information on this form may be disclosed as generally permitted under 5 U.S.C. § 552a(b) of the Privacy Act of 1974, as amended. This includes using this information as necessary and authorized by the routine uses published in DHS/FEMA-003 – National Flood Insurance Program Files System or Records Notice 73 Fed. Reg. 77747 (December 19, 2008); DHS/FEMA/NFIP/LOMA-1 – National Flood Insurance Program (NFIP) Letter of Map Amendment (LOMA) System of Records Notice 71 Fed. Reg. 7990 (February 15, 2006); and upon written request, written consent, by agreement, or as required by law.

Disclosure: The disclosure of information on this form is voluntary; however, failure to provide the information requested may result in the inability to obtain flood insurance through the National Flood Insurance Program or may be subject to higher premium rates for flood insurance. Information will only be released as permitted by law.

When Flood Vents Are Required?

The NFIP Regulations and Building Codes require that any residential building constructed in Flood Zone Type A have the lowest floor, including basements, elevated to or above the Base Flood Elevation (BFE).

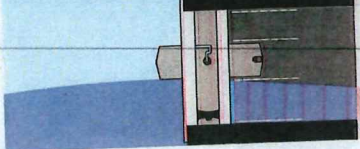
Enclosed areas (enclosures) are permitted under elevated buildings provided that they meet certain use restrictions and construction requirements such as the installation of flood vents to allow for the automatic entry and exit of flood waters.

This wet floodproofing technique is required for residential buildings.

Commercial buildings have the option to wet floodproof, which can be more cost-effective compared to dry floodproofing.

How it Works

The SMART VENT door is latched closed until flood water enters. Rising flood water lifts the internal floats, which unlatch and open the door.



Check Us Out Online

www.smartvent.com

Contact Our Team

or Certified Floodplain Managers for more information


Mailing Address:
Smart Vent Products, Inc.
Sales Office

430 Andro Drive, Unit 1
Pitman, NJ 08071

Toll Free:
(877) 441-8368

Fax:
(856) 269-4465

Email:
info@smartvent.com

 **Made in the United States**
Anderson, SC.

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Building in a Floodplain?

Get Smart and Get the Facts


www.smartvent.com
(877) 441-8368

ICC
ES
ESR-2074
FEMA Accepted

SMART VENT Advantage

- SMART VENTS are the most advanced flood protection on the market.
- Preserve the aesthetic beauty of a building by using fewer vents. One opening gives five times the protection.
- SMART VENTS bring buildings into full flood compliance and have the potential to dramatically reduce NFIP Flood Insurance Premiums.
- Simple to install or retrofit into new or existing foundations. Most applications can be completed in less than 30 minutes.
- Our specifications and CAD drawings make it easy for architects to specify SMART VENTS into their project.
- Our ICC-ES Certification guarantees approval with Code Officials, Surveyors, Insurance Agents, and everyone else involved.

There is more online at
www.smartvent.com

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Planning and
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1540-521
1540-511 (Dual
Function Available)

STACKER MODELS are twice as efficient as a single unit and are generally used to provide protection where adequate wall space is not available. Some assembly required.



1540-560
1540-550 (Dual
Function Available)

QUAD CONFIGURATIONS consist of two stacker models assembled side-by-side and are an excellent solution for commercial projects. Some assembly required.



1540-570

THE WOOD WALL FLOOD VENT is designed to fit between wood studs spaced on 16" centers with pre-drilled slots in the four corners on the vent flange for easy installation (stainless steel screws required). Insulated-only, this model is great for a garage.



1540-524
1540-574 (Available)

OVERHEAD GARAGE DOOR MODELS are ideal to retrofit into an existing garage door. Comes standard in white powder-coated stainless steel.

CUSTOM CONFIGURATIONS AVAILABLE

Call (877) 441-8368 for more information.

Choose the Correct Style

Foundation Models



Model 1540-510

DUAL FUNCTION SMART VENT model provides flood protection along with natural air ventilation. Louvers inside the vent door pivot open and closed with temperature. Fully open around 75°F and fully closed around 35°F.



Model 1540-520

INSULATED FLOOD VENT model seals out cool or warm air with a solid door and weather stripping. The 2" Styrofoam core inside of the vent door has an 8.34 Rvalue.

Both Foundation Models are 16" x 8" (standard CMU or block size) making it an easy retrofit or simple enough to leave a block out for new construction. All Foundation Models install with supplied stainless steel straps. All models are 3" in depth and made of 316 Stainless Steel.

Model	Certified Coverage		Dimensions	
	Flood	Air	Opening	R.O.
1540-510 SMART VENT	200 sq. ft.	51 sq. ft.	16" x 8"	16 1/2" x 8 1/4"
1540-520 FLOOD VENT	200 sq. ft.	-	16" x 8"	16 1/2" x 8 1/4"
Stacker Models	400 sq. ft.	102 sq. ft.	16" x 16"	16 1/2" x 16 1/4"
Quad Configurations	800 sq. ft.	204 sq. ft.	32" x 16"	33" x 16 1/4"

Model	Certified Coverage		Dimensions	
	Flood	Air	Opening	R.O.
1540-524 Overhead Garage Door	200 sq. ft.	-	16" x 8"	16" x 8"
1540-574 Overhead Garage Door	200 sq. ft.	-	14 1/2" x 8 1/2"	14 1/2" x 8 1/4"
1540-570 Wood Wall Vent	200 sq. ft.	-	14 1/2" x 8 1/2"	14 1/2" x 8 1/4"



3 1/2" x 15" depth

STAINLESS STEEL TRIM AND SLEEVE KIT fits into the rough opening to provide a clean finished look on the interior wall. Available in a variety of sizes to fit both masonry and wood wall thicknesses. Wood Wall Trim Flanges come standard in a powder coat white.



UL Certified for 2-Hours

FIRE DAMPERS for masonry and wood wall models intended for use when fire proofing is required on a wall that has flood venting (such as a garage or vestibule). Trim and sleeve kit is required, along with a minimum 8" masonry thickness.

DEC 16 2013

Planning and
Public Works



The **POUR-IN-PLACE VINYL BUCK** is made of high strength PVC. Each wall buck comes as a fully assembled unit, ready to install. Available for all models.

Ships with a protective film and wood bracing, which protects the buck and flood vent when the wall is poured. Available in several widths to accommodate most wall thicknesses.

Bucks must be ordered with appropriate flood vent model.



POWDER COAT PAINT options shown above are available on all vent models via special order.