

Keep

FP 2008-31
WVFP 0831U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expires February 28, 2009

Important: Read the instructions on pages 1-8.

SECTION A - PROPERTY INFORMATION		For Insurance Company Use:
A1. Building Owner's Name	Houweeling Nurseries Solar array	Policy Number
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.	645 West Laguna Road	Company NAIC Number
City	Camarillo	ZIP Code
State	CA	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)		
APN: 230-0-071-135		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)		
non-residential		
A5. Latitude/Longitude: Lat. 34° 10' 37" N Long. 119° 05' 03" W 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 5 (raised solar array)		
A8. For a building with a crawl space or enclosure(s), provide:		
a) Square footage of crawl space or enclosure(s)	N/A	sq ft
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade		sq in
c) Total net area of flood openings in A8.b		sq in
A9. For a building with an attached garage, provide:		
a) Square footage of attached garage	N/A	sq ft
b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade		sq in
c) Total net area of flood openings in A9.b		sq in

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number		B2. County Name		B3. State	
Ventura County, unincorporated		Ventura		CA	
B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
0604130915 B	B	OCT 31, 1985	OCT 31, 1985	A	27.5
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 checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other (Describe) MAP 0611C0937E					
B11. Indicate elevation datum used for BFE in Item B9: <input checked="" type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other (Describe)					
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: ☐ 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-g below according to the building diagram specified in Item A7.

Benchmark Utilized Bm 26-359 Vertical Datum NGVD 1929

Conversion/Comments none

Check the measurement used.

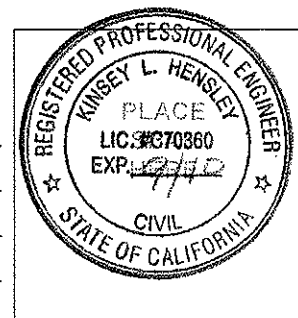
a) Top of bottom floor (including basement, crawl space, or enclosure floor)	28.5	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor (bottom array)	35.5	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)		<input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)		<input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment in Comments)	29.0	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade (LAG)	20.0	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade (HAG)	32.5	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)

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.

Certifier's Name	Kinsen Hasky	License Number	670360
Title	Civil Engineer	Company Name	Jensen Design & Survey
Address	1672 Dorian	City	Ventura
State	CA	ZIP Code	93003
Signature	[Signature]	Date	6/22/09
Telephone	8056546977		



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. <u>645 West Laguna Road</u>		Policy Number
City <u>Camarillo</u>	State <u>CA</u>	ZIP Code <u>93012</u>
		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 electrical equipment boxes servicing the solar array panels.

Signature: [Signature] Date: 6/22/09 ☒ Check here if attachments

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, crawl space, or enclosure) is _____ feet _____ meters ☐ above or ☐ below the HAG.
- b) Top of bottom floor (including basement, crawl space, or enclosure) is _____ feet _____ meters ☐ above or ☐ below the LAG.
- E2. For Building Diagrams 6-8 with permanent flood openings provided in Section A Items 8 and/or 9 (see page 8 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: Casey Houweling

Address: 645 West Laguna Road City: Camarillo State: CA ZIP Code: 93012

Signature: [Signature] Date: _____ Telephone: _____

Comments: none

☒ 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. and G9.

- 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>F 2008-31</u>	G5. Date Permit Issued <u>03/18/09</u>	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: 28 5 ☒ feet ☐ meters (PR) Datum NGVD 1929

G9. BFE or (in Zone AO) depth of flooding at the building site: 27 5 ☒ feet ☐ meters (PR) Datum NGVD 1929

Local Official's Name: Brian Trushinski Title: Floodplain Manager

Community Name: County of Ventura Telephone: (805) 477-1967

Signature: [Signature] Date: 07/02/09

Comments: All materials below the BFE (27.5 ft. NGVD 1929) are floodproofed materials. Bottom of electrical vaults/panels are one-foot above the BFE. The bottom of all solar arrays are a minimum of ten feet (10') above the BFE.

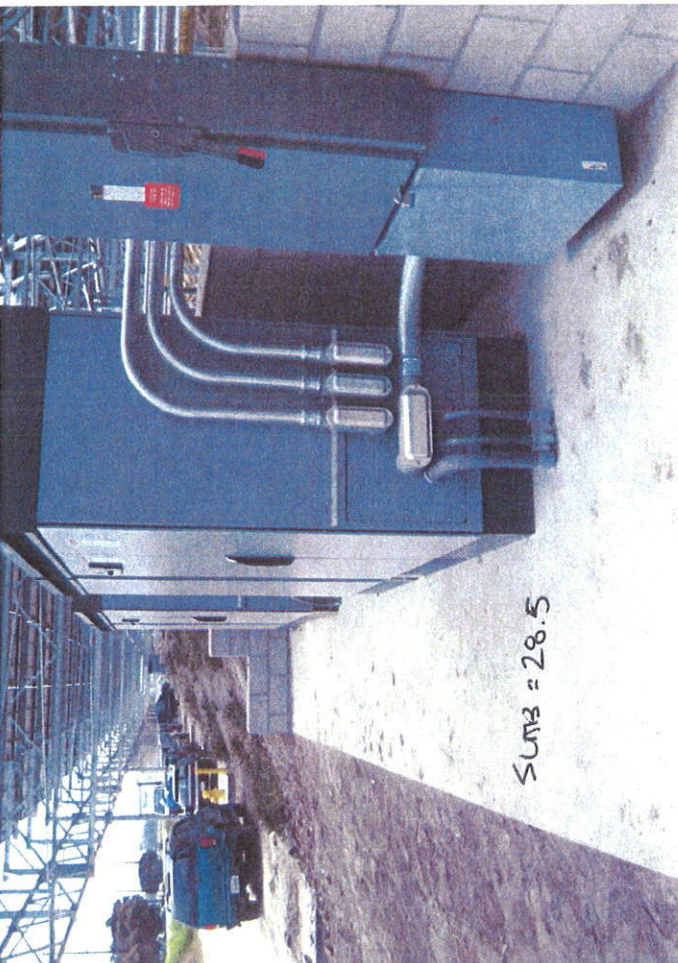
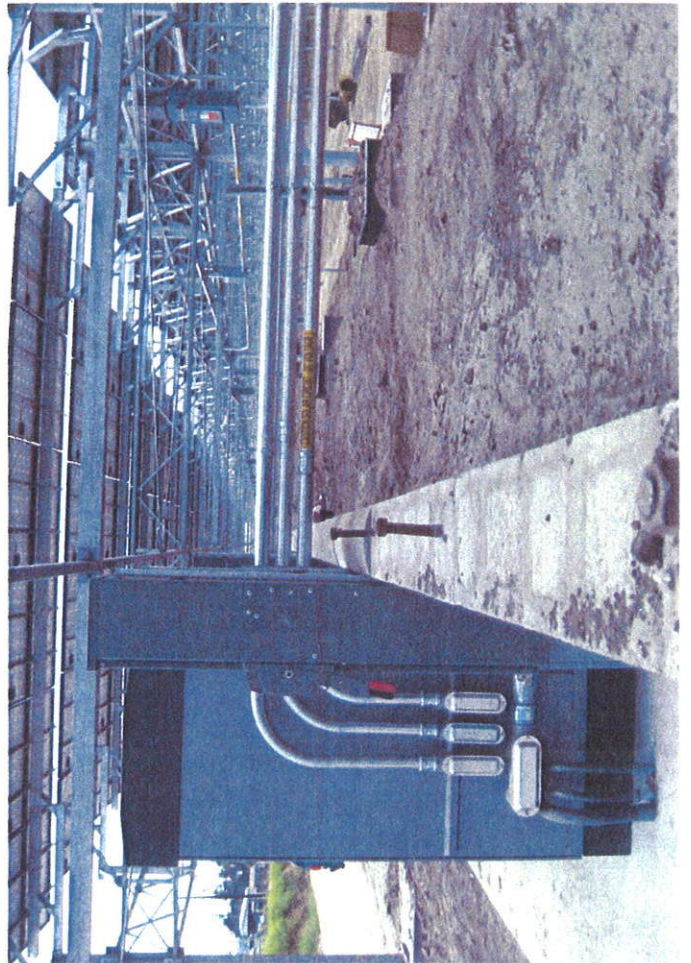
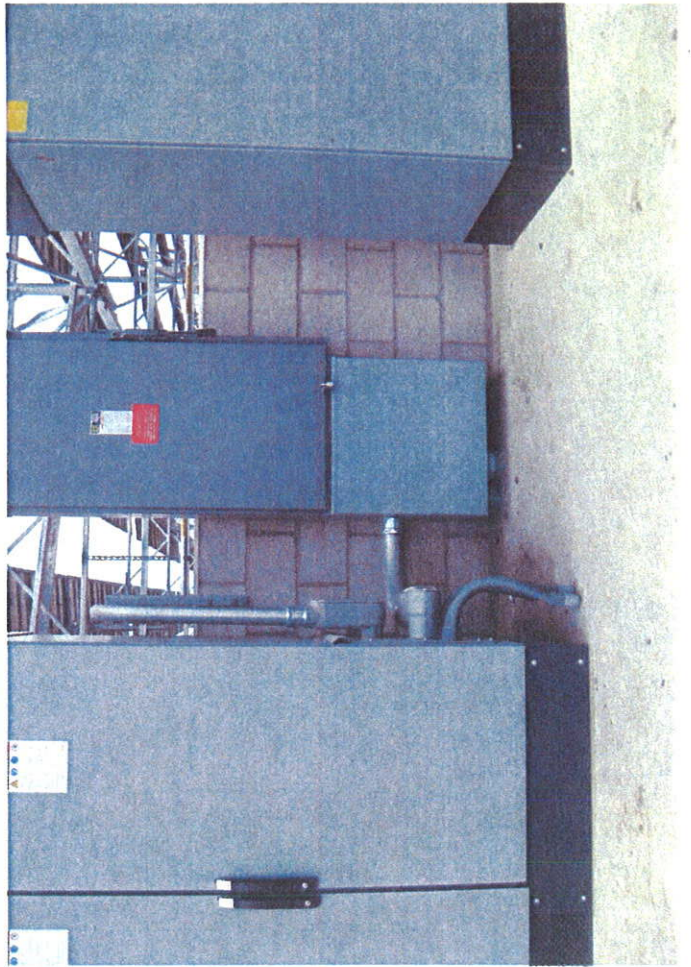
☒ Check here if attachments

Building Photographs

See Instructions for Item A6.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <i>645 West Laguna Road</i>			For Insurance Company Use:
City <i>Camarillo</i>			Policy Number
State <i>CA</i>	ZIP Code <i>93012</i>	Company NAIC Number	

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two 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." If submitting more photographs than will fit on this page, use the Continuation Page, following.



SLM3 = 28.5

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

FLOODPROOFING CERTIFICATE
FOR NON-RESIDENTIAL STRUCTURES

2008.31

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 <u>Hauweling Nurseries</u> <u>solar array</u>		FOR INSURANCE COMPANY USE	
STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER <u>645 West Laguna Road</u>		POLICY NUMBER	
FEDERAL IDENTIFICATION NUMBER (FID) OR P.O. ROUTE AND BOX NUMBER <u>EPN: 230-0-071-135</u>		COMPANY NAIC NUMBER	
CITY <u>Camacho</u>	STATE <u>CA</u>	ZIP CODE <u>93012</u>	

SECTION I FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the proper FIRM:

COMMUNITY NUMBER <u>Ventura County</u>	PANEL NUMBER <u>0004130915</u>	SUFFIX <u>B</u>	DATE OF FIRM INDEX <u>04/31/1985</u>	FIRM ZONE <u>A</u>	BASE FLOOD ELEVATION (In AO Zones, Use Depth) <u>28.25</u>
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SECTION II FLOODPROOFING INFORMATION (By a Registered Professional Engineer or Architect)

Floodproofing Design Elevation Information:

Building is floodproofed to an elevation of 32.50 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 12.50 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 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 <u>Binney Hensley</u>	LICENSE NUMBER (or Affix Seal) <u>670860</u>
TITLE <u>Civil Engineer</u>	COMPANY NAME <u>Jensen Design + Survey</u>
ADDRESS <u>1672 Donlon Street</u>	CITY <u>Ventura</u>
SIGNATURE <u>[Signature]</u>	STATE <u>CA</u>
	ZIP CODE <u>93003</u>
	PHONE <u>805-654-6977</u>
DATE <u>6/22/09</u>	

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

