

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expires February 28, 2009

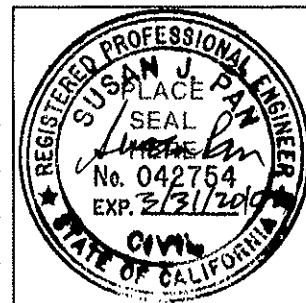
Important: Read the instructions on pages 1-8.

SECTION A - PROPERTY INFORMATION		For Insurance Company Use:		
A1. Building Owner's Name	Ventura County Fire Protection District	Policy Number		
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.	5674 W. Pacific Coast Hwy	Company NAIC Number		
City	County of Ventura	State	CA	ZIP Code
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)				
APN 000-0-100-380				
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)				
Fire station No. 25: Microwave Dish				
A5. Latitude/Longitude: Lat. 34° 20' 44.0" N Long. 119° 25' 80" 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				
A8. For a building with a crawl space or enclosure(s), provide: N/A				
a) Square footage of crawl space or enclosure(s) _____ 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: N/A				
a) Square footage of attached garage _____ 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	
Unincorporated Ventura County		County of Ventura		California	
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)
0604/3 0685	C	Oct. 31, 1985	Sept. 28, 1990	Unnumbered	Unnumbered/Approx 'A'
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9. A' 3' zone 3' zone. See Section					
<input type="checkbox"/> FIS Profile <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other (Describe) _____					
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 (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: <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, ARIA, 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 _____ Vertical Datum _____	
Conversion/Comments See Attachment for calculation of Base of Tower/Grade Elevation	
Elev. at Grade/Base of Tower	
a) Top of bottom floor (including basement, crawl space, or enclosure floor)	13.0 feet <input checked="" type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	_____ feet <input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	_____ feet <input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)	_____ feet <input type="checkbox"/> meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment in Comments)	63.0/73.0 feet <input checked="" type="checkbox"/> meters (Puerto Rico only) 2 microwave dishes
f) Lowest adjacent (finished) grade (LAG)	13.0 feet <input checked="" type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade (HAG)	13.0 feet <input checked="" 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.	
<input checked="" type="checkbox"/> Check here if comments are provided on back of form.	
Certifier's Name	Susan Pan
License Number	C 42754
Title	Project Manager County of Ventura
Address	800 S. Victoria Avenue, Ventura, CA 91377
City	State
Signature	Date 6-24-09 Telephone 805-658-4354



IMPORTANT: In these spaces, copy the corresponding information from Section A.			For Insurance Company Use:	
Building Street Address (including Apt., Unit, Suite, or Bldg. No.) or P.O. Route and Box No. <u>5674 W. Pacific Coast HWY</u>			Policy Number	
City <u>Ventura County</u>	State <u>CA</u>	ZIP Code	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 The project is to install two 2'-diameter microwave dishes onto the existing 100' high lattice tower, mounted at about 50' and 60'; to install three omni ("whip") antennas onto the existing tower, ten feet in length at about 80'.

Signature Susan Pan Date 6-24-09 ☐ 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 Susan Pan, Engineer Ventura California

Address County of Ventura, Public Works Agency City Agency State CA ZIP Code 91377

Signature 200 S. Victoria Ave, Ventura Date 08-06-07 Telephone (805) 658-4354

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. 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>FP 2007-48</u>	G5. Date Permit Issued <u>12-04-07</u>	G6. Date Certificate Of Compliance/Occupancy Issued <u>08-06-09</u>
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G7. This permit has been issued for: ☒ New Construction ☐ Substantial Improvement A.S.L. NAND 1988

G8. Elevation of Grade as built lowest floor (including basement) of the building: 13 0 ☒ feet ☐ meters (PR) Datum NAND 1988

G9. BFE (or in Zone AO) depth of flooding at the building site: _____ ☐ feet ☐ meters (PR) Datum _____

Local Official's Name Brian Trushinski Title Floodplain Manager

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

Signature [Signature] Date 08-06-09

Comments The microwave dishes (2) are installed 50'-0" and 60'-0" above grade (base of existing tower). Base of tower is 13.0' A.S.L. Hence, development is 63'-0" and 73'-0" A.S.L., well above BFE for the subject property. ☒ Check here if attachments

Site Description

Station 25

Field Verified Site Coordinates

NAD 83
34° 20' 43.5" N
119° 25' 10.1" W
Elev: 13 ft

Note: Site coordinates are verified by referencing the tower location to landmarks and reference points that are depicted on the USGS 7 ½ minute topo maps for the area. GPS readings may also be used to supplement the USGS topo data.

Customer Supplied Coordinates, NAD83

34° 20' 44.0" N
119° 25' 8.0" W
Elev: 13 ft

Street Address, City, State and County:

5674 W. Pacific Coast Highway 9 miles north of Ventura, CA Ventura County

Tower Registration Number: na

Call Sign: new FCC Licensed Coordinates, NAD 83
° ' " N
° ' " W
Elev: ft./mtr

Tower Considerations:

Existing tower is 100 foot 3 leg self-supporting

Antenna Mounting Considerations for each path:

- **Path to Rincom** Install VHLP2-10 at 50 feet on north tower face using face mount. Azimuth 357.4°, tilt angle +12.3°

Transmission Line Considerations:

- **Path to Rincon** Total waveguide length 72 feet

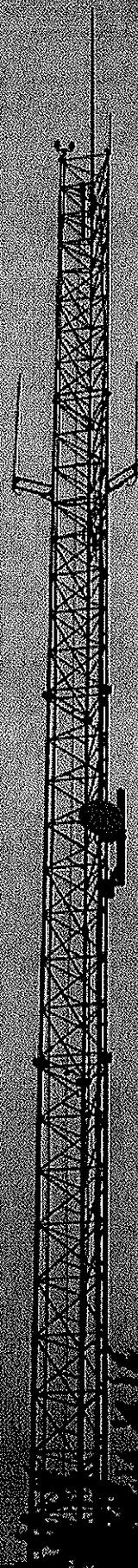
Site Access Considerations:

Tower and shelter are in gated fire station yard. Combination locked gate. Locked shelter.



Station 25

NAD 83				
Lat:	34°	20'	43.5" N	State: CA
Long:	119°	25'	10.1" W	County: Ventura
Elevation: 13 ft				Ref map: Pitas Point



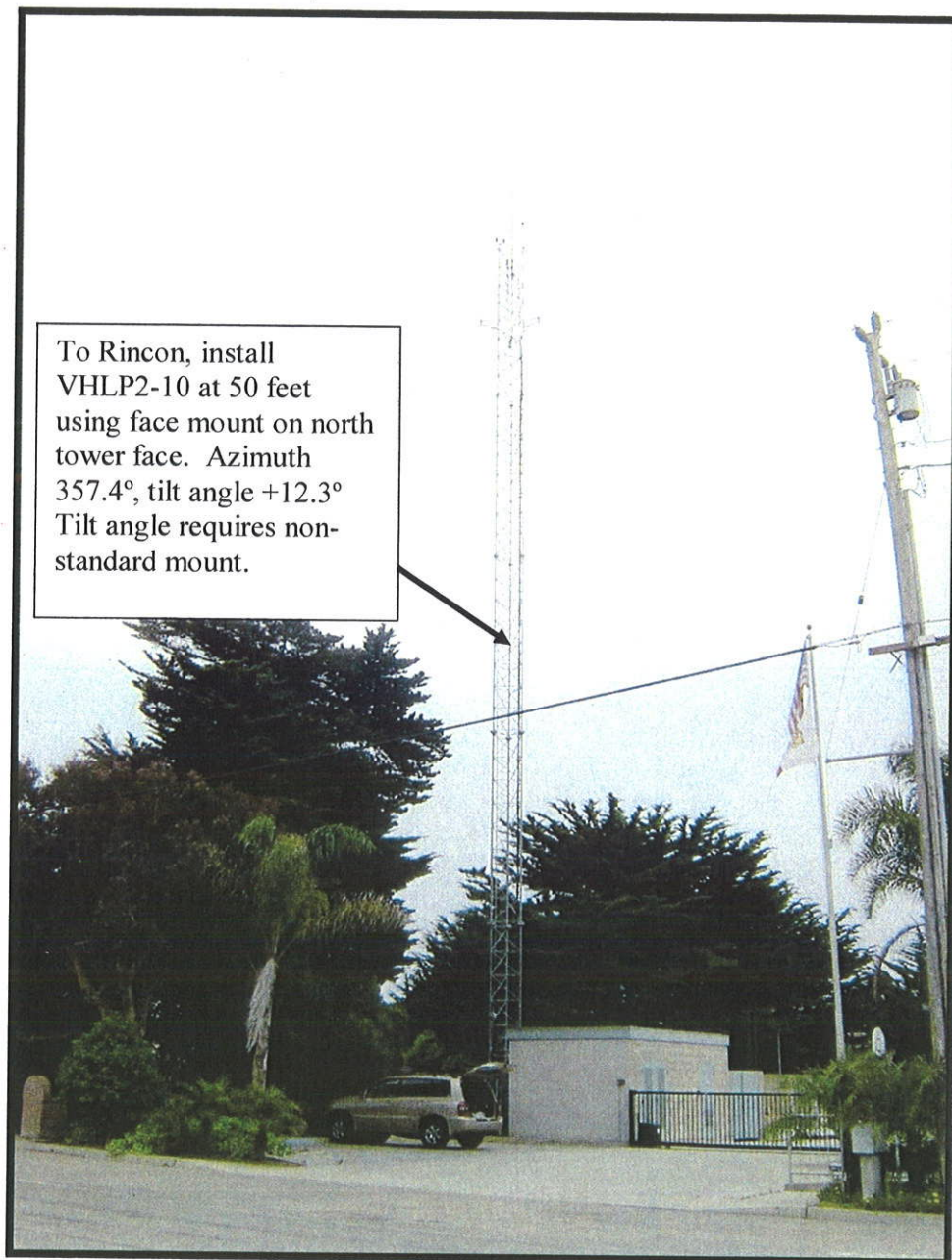
Station 25 to Rincon Peak



Station 25 to Rincon Peak

Fire Station 25





Station 25



Route waveguide to shelter



One port was available at time of survey. Likely need to bore more ports.