

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expires March 31, 2012

Important: Read the instructions on pages 1-9.

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name <u>John W. James</u>		For Insurance Company Use:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <u>17730 W. Grantham Ranch Road</u>		Policy Number	
City <u>Wickenburg</u>		Company NAIC Number	
State <u>AZ</u>		ZIP Code <u>85390</u>	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <u>APN 201-11-004X</u>			
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>			
A5. Latitude/Longitude: Lat. <u>34.001333048</u> Long. <u>-112.453384111</u>		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 crawlspace or enclosure(s): <u>N/A</u>		A9. For a building with an attached garage:	
a) Square footage of crawlspace or enclosure(s) <u>N/A</u> sq ft		a) Square footage of attached garage <u>N/A</u> sq ft	
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>N/A</u>		b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>N/A</u>	
c) Total net area of flood openings in A8.b <u>N/A</u> sq in		c) Total net area of flood openings in A9.b <u>N/A</u> sq in	
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - <u>N/A</u>		d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - <u>NA</u>	

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number <u>Unin Corporated Yavapai Co. 040093</u>		B2. County Name <u>Yavapai</u>		B3. State <u>AZ</u>	
B4. Map/Panel Number <u>04025 C3495</u>	B5. Suffix <u>G</u>	B6. FIRM Index Date <u>06/06/01</u>	B7. FIRM Panel Effective/Revised Date <u>09/03/10</u>	B8. Flood Zone(s) <u>AE</u>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <u>2142.8</u>
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) _____					
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)? Designation Date _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					

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. Use the same datum as the BFE.

Benchmark Utilized FEMA 3232 Vertical Datum 2263.9 (29) → 2266.3 (88)
Conversion/Comments (88) - (29) = +2.4' B. Heat Pump

- NAVD 88 Conversion using Vertcon (ngs-noaa) Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>2144.2</u>	<input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	<u>N/A</u>	<input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>N/A</u>	<input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)	<u>N/A</u>	<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 and location in Comments)	<u>2143.9</u>	<input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade next to building (LAG)	<u>2143.3</u>	<input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG)	<u>2143.6</u>	<input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>N/A</u>	<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. Were latitude and longitude in Section A provided by a licensed land surveyor? Yes No

Certifier's Name Paul J. Stears License Number _____
 Title Owner Company Name Roper Engineering
 Address 3715 N Nevada St. Chandler City Chandler State AZ ZIP Code 85225
 Signature Paul J Stears Date 11/15/10 Telephone 602-931-1145



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. <i>17730 W. Grantham Ranch Road</i>			Policy Number	
City <i>Wickenburg</i>	State <i>AZ</i>	ZIP Code <i>85390</i>	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 *e. Heat Pump*

Signature *Paul J. Stears* Date *11/15/10* 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, 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 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 _____	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 (PR) Datum _____
- G9. BFE or (in Zone AO) depth of flooding at the building site _____ feet meters (PR) Datum _____
- G10. Community's design flood elevation _____ feet meters (PR) Datum _____

Local Official's Name _____	Title _____
Community Name _____	Telephone _____
Signature _____	Date _____

Comments _____

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.			For Insurance Company Use	
17730 W. Grantham Ranch Road			Policy Number	
City	State	ZIP Code	Company NAIC Number	
Wickenburg	AZ	85390		

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 on the reverse.

Questions concerning the VERTCON process may be mailed to NGS

Latitude: 34 0.07998288

Longitude: 112 27.20304666

NGVD 29 height: 2140.8 ft

Datum shift (NAVD 88 minus NGVD 29): 2.356 feet

Converted to NAVD 88 height: 2143.156 feet



ELEVATION OF FLOODPLAIN PROPERTY

When Completed Return To: **YAVAPAI COUNTY DEVELOPMENT SERVICES – FLOODPLAIN UNIT**
_____**Prescott Office:** 500 S. Marina St., Prescott, AZ, 86303 PH (928) 771-3197, FAX (928) 771-3427
_____**Cottonwood Office:** 10 S. 6th St., Cottonwood, AZ 86326 PH (928) 639-8151, FAX (928) 639-8118

DATE 11-15-10 ASSESSOR'S PARCEL NUMBER 201-11-004

SUBDIVISION NAME UNIT/PHASE AND LOT NUMBER _____

SITUS ADDRESS 17730 W. Grantham Ranch Road

BASE BENCHMARK: Number FEM A 3232 Elevation 2263.9 (29)

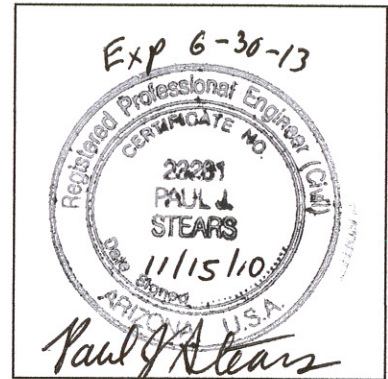
TEMPORARY PROPERTY BENCHMARK (TBM) ELEVATION 2136.80 (29)

TBM DESCRIPTION South west property corner 1/2" rebar

GROUND ELEVATIONS AT BUILDING SITE 2141.04, 2140.58, 2140.90 (29)
(Please provide a minimum of three (3) elevation points, representative of the site)

SKETCH OF LOT (include location of TBM and building site elevations)

See Attached



(seal)

Paul J Stears
Signed

Roper Engineering
Company Name

3715 N Nevada St
Address
Chandler, AZ 85225

Telephone 602-931-1154

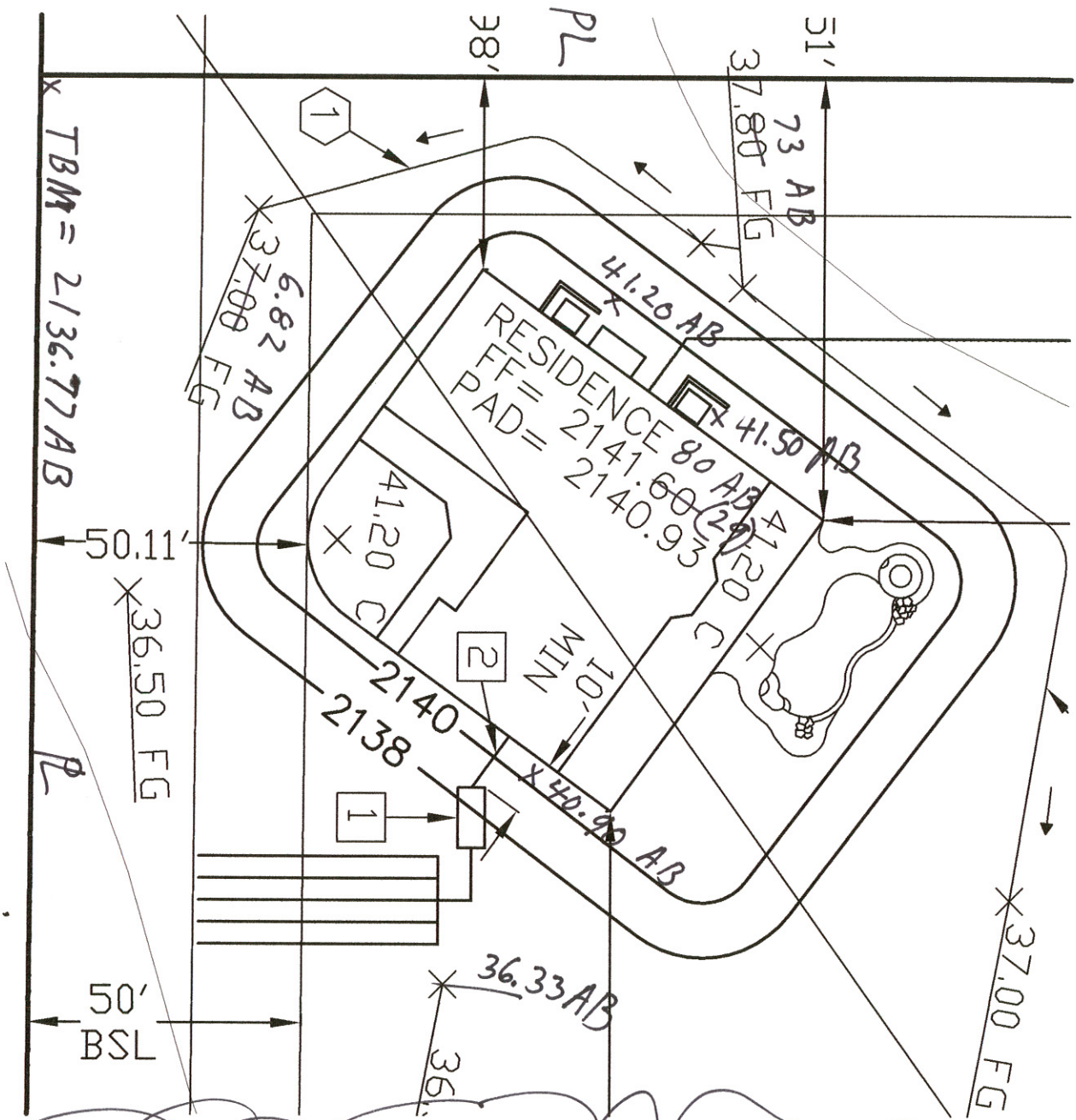
Remarks Conversion (29) to (88)
= + 2.4'

FOR YAVAPAI COUNTY FLOOD CONTROL DISTRICT USE:

Date: _____

Base Flood Elevation + 1.0' = Regulatory Elevation

* ELEVATION DETERMINATIONS ARE BASED ON BEST AVAILABLE DATA WHEN CALCULATED. ELEVATIONS ARE SUBJECT TO CHANGE WHEN NEW OR REVISED FLOOD STUDIES OR DATA IS SUPPLIED TO THE DISTRICT.



NAVD 88 - NGVD 29 = +2.4'
 FF = 2141.80 AB (29)
 = 2144.20 AB (88)