

ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1–9.

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

SECTION A – PROPERTY INFORMATION				FOR INSURANCE COMPANY USE	
A1. Building Owner's Name David Schmitt				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 10325 E Creekside Dr				Company NAIC Number:	
City Cornville		State Arizona		ZIP Code 86325	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Yavapai County APN: 407-34-120					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>					
A5. Latitude/Longitude: Lat. <u>34°44'41.07"N</u> Long. <u>111°54'47.13"W</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 <u>6</u>					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s) <u>N/A</u> sq ft					
b) Number of permanent flood openings in the crawlspace or enclosure(s) 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					
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 <u>719.00</u> sq ft					
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>9</u>					
c) Total net area of flood openings in A9.b <u>18426.00</u> 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 Yavapai County &040093			B2. County Name Yavapai County - Unincorporated Area		B3. State Arizona
B4. Map/Panel Number 04025C1785	B5. Suffix G	B6. FIRM Index Date 02-15-2019	B7. FIRM Panel Effective/ Revised Date 09-03-2010	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 3367
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input checked="" type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
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					

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
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City Cornville	State Arizona	ZIP Code 86325	Company NAIC Number

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: OPUS (See attached) 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) | 3361.4 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| b) Top of the next higher floor | 3368.5 | <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) | 3360.9 | <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) | 3365.3 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | 3360.3 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG) | 3361.0 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support | 3360.4 | <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.

Were latitude and longitude in Section A provided by a licensed land surveyor? Yes No Check here if attachments.

Certifier's Name Krishan Gevinda Ginige	License Number AZ PE 49109		
Title PE / President			
Company Name SEC, Inc.			
Address 825 Cove Parkway			
City Cottonwood	State Arizona		ZIP Code 86326
Signature 	Date 11-04-2020	Telephone (928) 634-5889	Ext. 4219

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

Comments (including type of equipment and location, per C2(e), if applicable)

The building diagram number used in A7 has been determined to be a 6 as garage is surrounded by hinged panels which will not restrict flows. The garage has four 31" x 61 1/2" and five 36' x 60" hinged panels to allow for flood water flow as shown on A9(c). An additional five 36' x 60" hinged panels are located in the garage but are not within one foot of adjacent grade. Bottom floor has two elevation levels, 3360.9ft and 3361.4ft. Square footage of 334 at elevation 3360.9(C2(d)) is used for Garage. Square footage of 385 is at elevation of 3361.4'(C2(a)). The elevation shown on C2(e) is the bottom of the solar system breaker panel. The bottom of the LP instant water heater is elevated at 3,373.8'. The HVAC unit is on the roof.

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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 1–2 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 or Owner's Authorized Representative's Name			
Address	City	State	ZIP Code
Signature	Date	Telephone	

Comments

Check here if attachments.

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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 (including type of equipment and location, per C2(e), if applicable)

Check here if attachments.

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

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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.



Photo One

Photo One Caption Front View taken: 10-09-2020

Clear Photo One



Photo Two

Photo Two Caption Rear View taken: 10-09-2020

Clear Photo Two

BUILDING PHOTOGRAPHS

Continuation Page

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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.



Photo Three

Photo Three Caption Left Side View taken: 10-09-2020

Clear Photo Three



Photo Four

Photo Four Caption Right Side View taken: 10-09-2020

Clear Photo Four

David Schmitt, Architect
10325 Creekside Drive
Cornville, AZ 86325

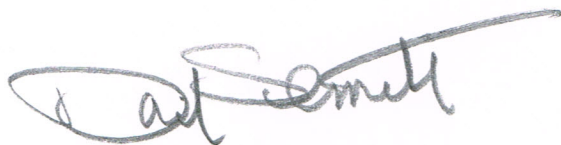
October 28, 2020

Lynn Whitman

Yavapai County Flood Control

Re: Schmitt residence, 10325 Creekside Drive, Cornville

Dear Lynn- – The hinged wall panels in the garage are to remain operable and free to hinge open due to water pressure during flood conditions.

A handwritten signature in black ink, appearing to read "David Schmitt", with a long, sweeping horizontal line extending to the right from the end of the name.

David Schmitt, Architect



www.SolarOneSW.com

Verde Valley - 887 S Main St, Cottonwood 86326 (928)634-2206 Prescott (928)-445-3737 ROC #277662

October 26, 2020

To Whom It May Concern:

In reference to: 10325 E. Creekside Dr. Cornville, AZ 86325

The equipment mounted on the side of the garage is mounted at the height required by APS. The equipment is for monitoring only and does not contain any user serviceable parts or safety circuit breakers. The overcurrent protection device is located on the interior subpanel. In the event of the system needing to be disconnected, the roof mounted PV panels also contain rapid shutdown capabilities that will disable the solar system in the event of a fault. Just to reconfirm, the equipment is for monitoring only and does not need to be accessed to be disabled.

We have also attached a diagram showing APS' height requirements for this equipment.

A handwritten signature in black ink, appearing to read 'Anne Allen', with a long horizontal flourish extending to the right.

Anne Allen

SolarOne Office Manager

301.7 WORKING SPACE (600 VOLTS OR LESS)

NOTES:

1. TO PERMIT ACCESS TO THE METERING INSTALLATIONS AND PROVIDE SAFETY FOR PERSONNEL, A WORKING AND STANDING SPACE ENTIRELY ON THE PROPERTY OF THE CUSTOMER SHALL BE PROVIDED IN FRONT OF ALL METERING EQUIPMENT.
2. WORKSPACE SHALL BE CLEAR OF OBSTRUCTIONS, INCLUDING A/C UNITS AND PIPING SYSTEMS AND SHALL HAVE A SLOPE TO PROVIDE DRAINAGE AWAY FROM THE METERING EQUIPMENT. MAXIMUM SLOPE ALLOWED IS 1 INCH IN 3 FEET.

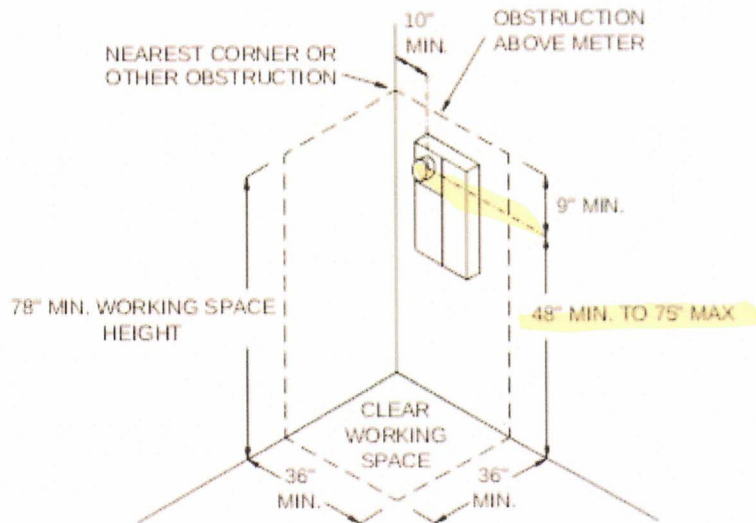


FIGURE 1
SURFACE OR SEMI-FLUSH
METER INSTALLATIONS

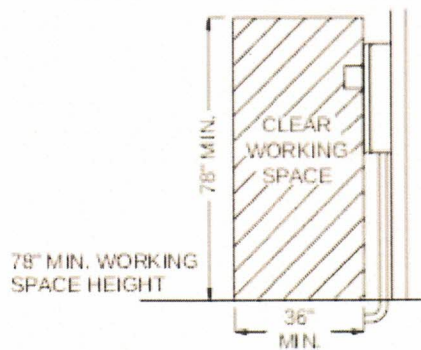


FIGURE 2
WORKING SPACE - SIDE VIEW



	ELECTRIC SERVICE REQUIREMENTS	301.7
REVISION 02/20/2019	METER LOCATION MINIMUM WORKING SPACE	PAGE 6