

ELEVATION CERTIFICATE

IMPORTANT: Follow the instructions on pages 1-9.

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

16 SEP 8 PM 12:11

SECTION A - PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

A1. Building Owner's Name **Mitzi Eggers**

Policy Number:

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or R.O. Route and Box No.
4001 South Frank Drive

Company NAIC Number:

City **Tucson**

State **AZ**

ZIP Code **85735**

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Tax Code 212-47-0200 Township 14 Range 12 Section 34 Golden Gate Lot 5 Blk 2

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) **Accessory: Detached Garage**

A5. Latitude/Longitude: Lat. **32.174085** Long. **-111.107094** Horizontal Datum: NAD 1927 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):

- a) Square footage of crawlspace or enclosure(s) **1248** sq ft
- b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade **910**
- c) Total net area of flood openings in A8.b **452** sq ft
- d) Engineered flood openings? Yes No **1280**

A9. For a building with an attached garage:

- a) Square footage of attached garage **NA** sq ft
- b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade **NA**
- c) Total net area of flood openings in A9.b **NA** sq in
- d) Engineered flood openings? Yes No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number
Pima County / 040073

B2. County Name **Pima County**

B3. State **AZ**

B4. Map/Panel Number
04019C 2265

B5. Suffix
L

B6. FIRM Index Date
9-28-12

B7. FIRM Panel Effective/
Revised Date
6-16-11

B8. Flood Zone(s)
X

B9. Base Flood Elevation(s) (Zone
A0, use base flood depth)
100.5

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:

- FIS Profile FIRM Community Determined Other/Source: _____

B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source: **Highest Adj. Nat. Grade (=100 ft)**

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No

Designation Date: **N/A** / **N/A** / _____ CBRS 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-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: **HANG = 100.00** Vertical Datum: **Assumed**

Indicate elevation datum used for the elevations in items a) through h) below. NGVD 1929 NAVD 1988 Other/Source: **Assumed**
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) **100.5** feet meters
- b) Top of the next higher floor **NA** feet meters
- c) Bottom of the lowest horizontal structural member (V Zones only) **N/A** feet meters
- d) Attached garage (top of slab) **NA** feet meters
- e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) **107.5** feet meters
- f) Lowest adjacent (finished) grade next to building (LAG) **99.5** feet meters
- g) Highest adjacent (finished) grade next to building (HAG) **100.0** feet meters
- h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support **NA** feet meters

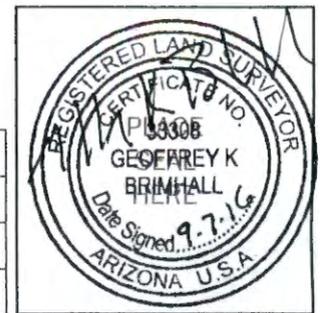
When B.9 is a depth above grade, it is required to indicate highest and lowest NATURAL grade in Section D Comments

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
- Check here if attachments.

Certifier's Name Geoffrey K Brimhall		License Number 33308	
Title Registered Land Surveyor		Company Name Physical Resource Engineering	
Address 4655 N Flowing Wells Rd		City Tucson	State AZ
Signature GK Brimhall		ZIP Code 85705	Telephone 520 690 1669
		Date 9-7-16	



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. 4001 South Frank Drive			Policy Number:	
City Tucson	State AZ	ZIP Code 85735	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 lowest service equipment (C2.e) is the Cooler and the _____ is/are above this elevation.

Highest adjacent natural grade is 100.0 Lowest adjacent natural grade is 99.5

Signature AJKBCU Date 9-7-16

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 3 and 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 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–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 P15FC00339E	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 _____

Check here if attachments.

BUILDING PHOTOGRAPHS

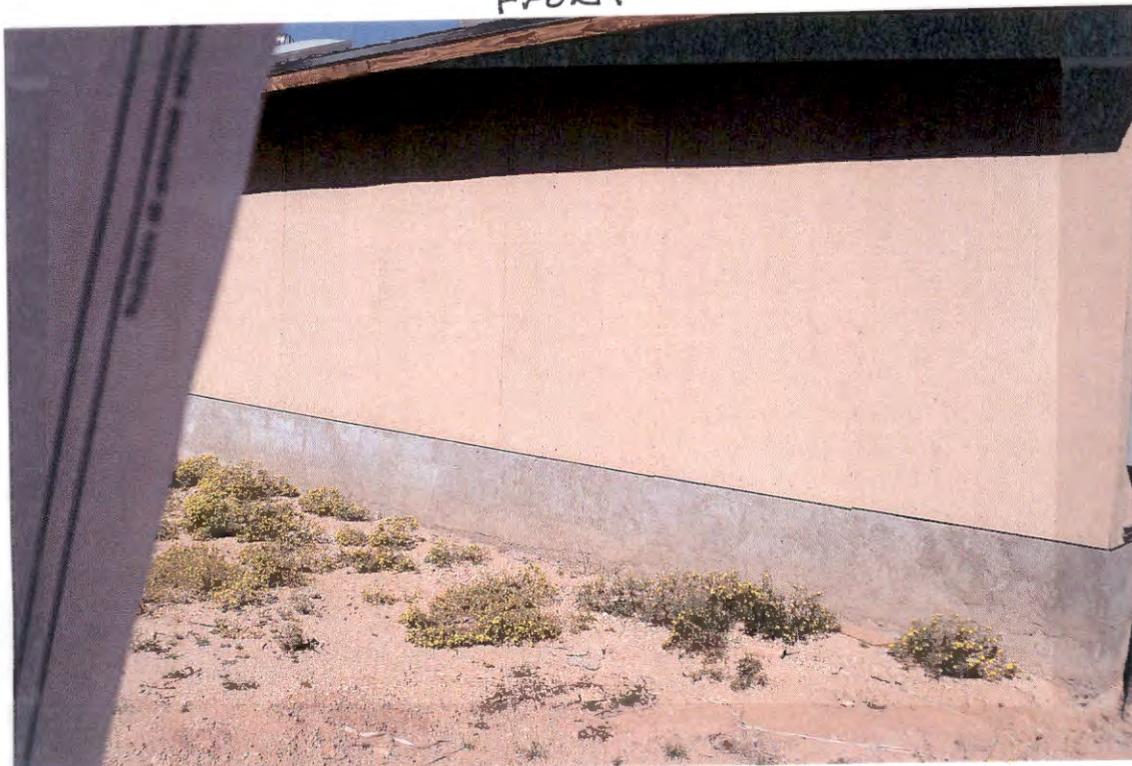
See Instructions for Item A6.

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. 4001 South Frank Drive			Policy Number:
City Tucson	State AZ	ZIP Code 85735	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.



FRONT



REAR

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. 4001 South Frank Drive			Policy Number:
City Tucson	State AZ	ZIP Code 85735	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



RIGHT



LEFT



Home 745-1082
Mobile 444-3285
Fax 748-9688

Gary Eggers Construction

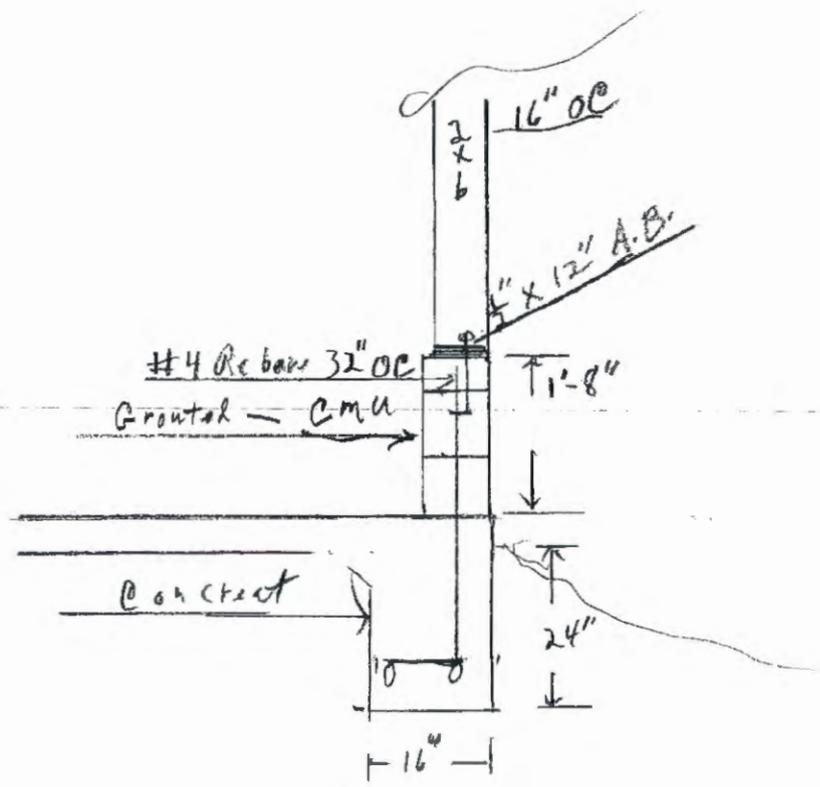
General Contractor

Commercial
134173B02

Residential
107311-B

Mtzi Eggers
4001 So. Frank Dr.
Tucson AZ.
Permit # P14006910

Revised Stem Wall Detail





4001 S. Front Dr. Tucson AZ # P14C P01910

EXISTING RESIDENCE

1300 \square x 3 = 3900

Dryer 4800

WASHER 1200

Freezer 1200

(2) Kitchen Circuits x (1200) 2400

Disposal/Dishwasher 1200

SHED 1200

SPA 7200

BV receptacle 7200

30300 VA

First 10,000 @ 100% 10000

Remainder @ 40% 4090

20300 x .40 8120

A/C 1 @ 100% 9960

A/C 2 @ 100% 1440

SUB TOTAL

29520 + 240 =

240 VOLTS =

123 AMPS

42.7 AMPS

* ADD GARAGE

TOTAL

165.7 AMPS



RISER DIAGRAM

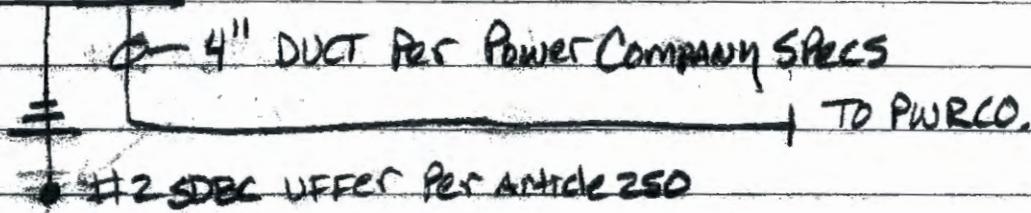
Riser Diagram

4" Rises w 4 #4 XHHW AL
PER TEST SPEC

(N) Service

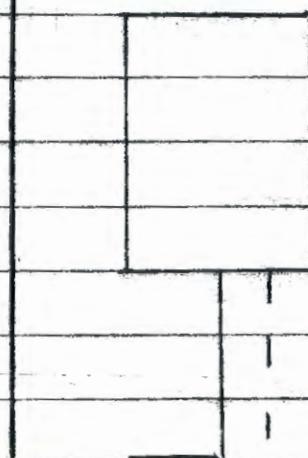


(N) 400 AMP ALL IN ONE SERVICE
WITH (2) 200 AMP MAIN BREAKERS
NEMA 3R



2 1/2 PVC CONDUIT UNDERGROUND WITH
3 #4/0 XHHW AL + 1 #4 XHHW AL

(N) PANEL A



(N) 200 AMP MAIN BREAKER
NEMA 3R PANEL FOR
EXISTING RESIDENCE
*SEPARATE GROUNDS + NEUTRALS

(E) PANEL B

EXISTING #1
CONDUIT
W 3 #1 ALUMINUM
+ 1 #6 ALUMINUM



EXISTING SUB
PANEL W 100
AMP MAIN
12 CIRCUITS

NEW PANEL A

WILL REPLACE EXISTING SERVICE



1	RECEPTACLE + LTS	1	15		SPACE	2
3	SPACE				↓	4
5	SPACE			6		
7	RV	2		8		
9	RV	50	20		A/C	10
11	SPA	2	20		RECEPTACLE	12
13	SPA	50	2		A/C	14
15	SUB PANEL	2	40		A/C	16
17	SUB PANEL	100	20		SHED	18
19	SPACE		20		LAUNDRY	20

EXISTING PANEL B

1	MAIN BREAKER	2	15		LIGHTS a	
3	MAIN BREAKER	100	2		LIGHTS b	2
5	WASHER	20	30		DRYER	4
7	Freezer	20	20		DRYER	6
9	Kitchen	20	20		DISHWASHER	8
11	Kitchen	20	20		FURNACE	10
					RECEPTABLES	12