

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

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

SECTION A - PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

A1. Building Owner's Name Metta Works LLC

Policy Number:

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
22440 S Hackberry St

Company NAIC Number:

City Yarnell

State AZ ZIP Code 85362

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Tax Parcel #203-11-014A

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential

A5. Latitude/Longitude: Lat. 34 13' 27.7" N Long. -112 44' 54.9" W

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 footaae of crawlspace or enclosure(s) N/A sq ft
 b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade N/A
 c) Total net area of flood openings in A8.b N/A sq in
 d) Engineered flood openings? Yes No

A9. For a building with an attached garage:

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

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number
Yavapai County 040093

B2. County Name
Yavapai County, unincorporated

B3. State
Arizona

B4. Map/Panel Number
04025C 3105

B5. Suffix
G

B6. FIRM Index Date
09/03/2010

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)
4744.27

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: Miller Creek & Tributaries

B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source: N/A

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No
 Designation Date: 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: See attached Opus Report Vertical Datum: NAVD 1988 (Geoid 12A)

Indicate elevation datum used for the elevations in items a) through h) below. NGVD 1929 NAVD 1988 Other/Source: N/A
 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) 4743.3 feet meters
 b) Top of the next higher floor N/A feet meters
 c) Bottom of the lowest horizontal structural member (V Zones only) N/A feet meters
 d) Attached garage (top of slab) N/A feet meters
 e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) 4747.02 feet meters
 f) Lowest adjacent (finished) grade next to building (LAG) 4741.79 feet meters
 g) Highest adjacent (finished) grade next to building (HAG) 4742.50 feet meters
 h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support 4742.02 feet 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.

- Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a
 Check here if attachments. PHOTOS & OPUS REPORT licensed land surveyor? Yes No

Certifier's Name Mark J Poydoros

License Number AZ-40321

Title Owner-RLS

Company Name Meridian Land Surveyors LLC

Address P.O. Box

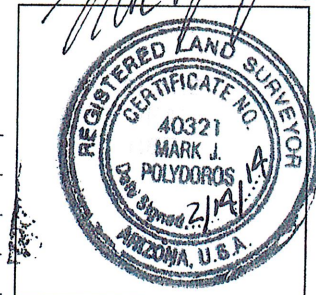
City 546

State AZ ZIP Code 86327

Signature 

Date 02/14/2014

Telephone 928-772-8390



Expires 3/31/2016


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. 22440 S Hackberry St	Policy Number:
City Yarnell State AZ ZIP Code 85362	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 building surveyed is a secondary structure on the property. An Opus report is attached showing the solution for the benchmark used. Elevations shown in section 2C were taken using a spirit level. Elevation C2.e was taken at the bottom of an electrical panel.

Signature  Date 02/14/2012

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–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 *For Insurance Purposes Only* 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.
22440 S Hackberry St

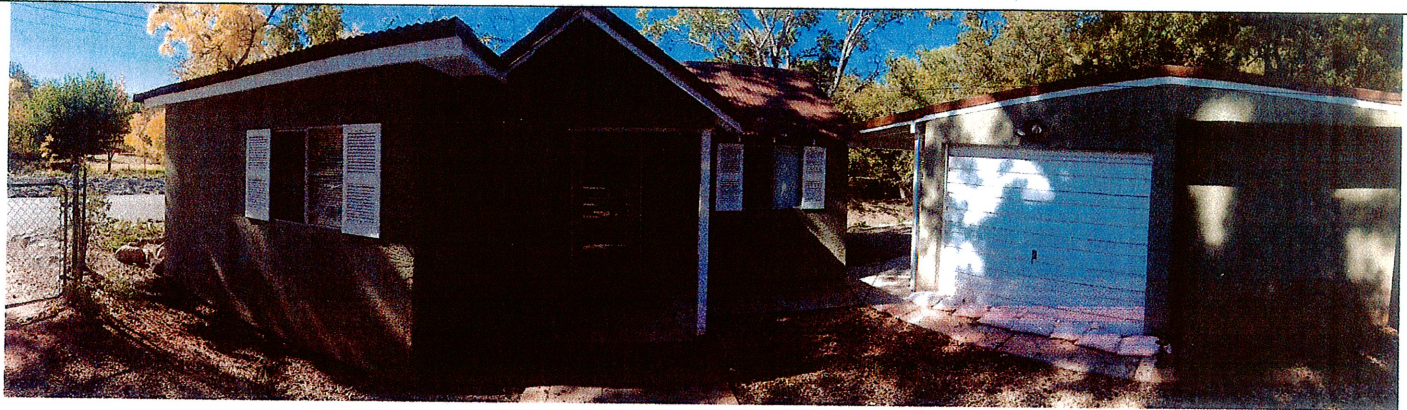
Policy Number:

City Yarnell

State AZ ZIP Code 85362

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 in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.



Front View



Rear View



Left Side View

Building Photographs

Continuation Page

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.
22440 S Hackberry St

Policy Number:

City Yarnell

State AZ

ZIP Code 85362

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 foundation with representative examples of the flood openings or vents, as indicated in Section A8.



Right Side View

From: opus <opus@ngs.noaa.gov>
Subject: OPUS solution : 17813120.DAT OP1384075781942
Date: November 10, 2013 9:30:34 AM MST
To: mark@meridianlandsurveyors.com
Reply-To: ngs.opus@noaa.gov

FILE: 17813120.DAT OP1384075781942

NGS OPUS SOLUTION REPORT

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All computed coordinate accuracies are listed as peak-to-peak values.
For additional information: <http://www.ngs.noaa.gov/OPUS/about.jsp#accuracy>

USER: mark@meridianlandsurveyors.com DATE: November 10, 2013
RINEX FILE: 1781312r.13o TIME: 16:30:25 UTC

SOFTWARE: page5 1209.04 master91.pl 072313 START: 2013/11/08 17:43:00
EPHEMERIS: igr17655.eph [rapid] STOP: 2013/11/08 23:10:00
NAV FILE: brdc3120.13n OBS USED: 12070 / 12956 : 93%
ANT NAME: TRM5800 NONE # FIXED AMB: 78 / 82 : 95%
ARP HEIGHT: 1.825752 OVERALL RMS: 0.013(m)

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) IGS08 (EPOCH:2013.8544)

X:	-2041879.125(m)	0.002(m)	-2041879.928(m)	0.002(m)
Y:	-4869743.007(m)	0.013(m)	-4869741.662(m)	0.013(m)
Z:	3567813.819(m)	0.009(m)	3567813.700(m)	0.009(m)

LAT:	34 13 26.29491	0.009(m)	34 13 26.30868	0.009(m)
E LON:	247 15 6.25330	0.005(m)	247 15 6.20406	0.005(m)
W LON:	112 44 53.74670	0.005(m)	112 44 53.79594	0.005(m)
EL HGT:	1418.832(m)	0.013(m)	1417.996(m)	0.013(m)
ORTHO HGT:	1447.033(m)	0.027(m)	[NAVD88 (Computed using GEOID12A)]	

UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 12)	SPC (0202 AZ C)	
Northing (Y) [meters]	3788371.896	357807.931
Easting (X) [meters]	338967.407	136742.040
Convergence [degrees]	-0.98348597	-0.46773694
Point Scale	0.99991966	0.99997234
Combined Factor	0.99969700	0.99974967

US NATIONAL GRID DESIGNATOR: 12SUC3896788371(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DL1898	AZPS PRESCOTT CORS ARP	N343630.818	W1122738.595	50200.1
DN2121	AZPA PEORIA FIREST 195 CORS ARP	N334133.856	W1121640.461	73244.6
DL6308	AZWA MORRISTOWN CORS ARP	N335133.518	W1123944.044	41237.5

NEAREST NGS PUBLISHED CONTROL POINT

ET0962	YARN	N341257.025	W1124406.321	1513.1
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This position and the above vector components were computed without any

knowledge by the National Geodetic Survey regarding the equipment or field operating procedures used.