

# 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 John A Duke, Trust	Policy Number:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1136 Boulder Ridge Street	Company NAIC Number:
City of Central Point State OR ZIP Code 97502	

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)  
 Assessor's Map No. 37 2W 03BD Tax Lot 3400

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

A5. Latitude/Longitude: Lat. 42.382632 Long. -122.928129 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 9

A8. For a building with a crawlspace or enclosure(s):

a) Square footage of crawlspace or enclosure(s)	<u>1771</u> sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade	<u>15</u>
c) Total net area of flood openings in A8.b	<u>1785</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>504</u> sq ft
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade	<u>0</u>
c) Total net area of flood openings in A9.b	<u>0</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 City of Central Point 410092		B2. County Name Jackson		B3. State Oregon	
B4. Map/Panel Number 41029C1768	B5. Suffix F	B6. FIRM Index Date 05-03-2011	B7. FIRM Panel Effective/Revised Date 05-03-2011	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 1248.2

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: \_\_\_\_\_

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?  Yes  No  
 Designation Date: \_\_\_\_\_  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: P-549 Vertical Datum: NAVD 88

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)	<u>1247.0</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor	<u>1250.0</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>n/a</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab)	<u>1249.5</u>	<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)	<u>1249.5</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>1248.4</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>1249.4</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>n/a</u>	<input 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.

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 Herbert A. Farber	License Number 2189
Title President	Company Name Farber and Sons Inc
Address 431 Oak Street	City Central Point State Or ZIP Code 97502
Signature <i>[Signature]</i>	Date 04-07-16 Telephone 541-664-5599



**ELEVATION CERTIFICATE, page 2**

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>	<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1136 Boulder Ridge Street	Policy Number:
City Central Point State Or ZIP Code 97502	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 C2e is a heat pump

Signature <i>[Signature]</i>	Date 04-07-16
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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 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 <i>175-15-000448-DWOL</i>	G5. Date Permit Issued <i>11/4/2015</i>	G6. Date Certificate Of Compliance/Occupancy Issued <i>TBD</i>
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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: *1250.0*  feet  meters Datum *NAVD88*

G9. BFE or (in Zone AO) depth of flooding at the building site: *1248.2*  feet  meters Datum *NAVD88*

G10. Community's design flood elevation: *1249.2*  feet  meters Datum *NAVD88*

Local Official's Name <i>Stephanie Holley, CFM</i>	Title <i>Community Planner II</i>
Community Name <i>City of Central Point</i>	Telephone <i>541.6604.3321, Ext. 244</i>
Signature <i>Stephanie Holley</i>	Date <i>4/18/2016</i>

Comments *Complies with CPMC §.24, including No-Rise/Master Grading Plan (File No. FP-15001)*  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.  
1136 Boulder Ridge Street

Policy Number:

City Central Point

State Or

ZIP Code 97502

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 04-07-16



# 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.  
1136 Boulder Ridge Street

Policy Number:

City Central Point

State Or ZIP Code 97502

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.

Back 04-07-16



## Stephanie Holtey

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**From:** Peter Brooks <PBrooks@nhcweb.com>  
**Sent:** Monday, April 18, 2016 10:13 AM  
**To:** Stephanie Holtey  
**Subject:** RE: 1136 Boulder Ridge - Soil Removal and Fill Certification

Stephanie,

I reviewed modeling and mapping from our recent no-rise analysis for the Twin Creeks Development, dated March 25, 2015. Based on this analysis, the lot at 1136 Boulder Ridge is outside of the proposed 100-year floodplain and floodway, primarily due to the recent construction of the nearby flood swale. As such, the deviation between the finished grade elevations reported in the Master Plan and those on the Certificates of Elevation will not adversely affect flood levels and will maintain compliance with no-rise standards in an effective FEMA floodplain. Please feel free to contact me if you have any questions or concerns.

Regards,  
Peter

**Peter C. Brooks, P.E. | Sr. Engineer**

[pbrooks@nhcweb.com](mailto:pbrooks@nhcweb.com) | Tel: (206) 241-6000

**From:** Stephanie Holtey [<mailto:Stephanie.Holtey@centralpointoregon.gov>]

**Sent:** Wednesday, April 13, 2016 8:53 AM

**To:** Peter Brooks <PBrooks@nhcweb.com>

**Subject:** FW: 1136 Boulder Ridge - Soil Removal and Fill Certification

Hi Peter,

The finished grade elevation on this lot came in 0.2-ft higher than the final finished grade permitted on the Master Grading Plan for Twin Creeks. To approve the final floodplain inspection, we need you to verify that the actual finished grade on this lot does not aggravate the flood levels per the No-Rise approval for Twin Creeks Crossing.

Thank you for considering this request. Let me know if you have any questions.

Best Regards,

Stephanie Holtey, CFM  
Community Planner II  
City of Central Point  
140 South 3<sup>rd</sup> Street  
Central Point, OR 97502  
Desk: (541) 664-7602, Ext. 244  
Fax: (541) 664-6384  
[www.centralpointoregon.gov](http://www.centralpointoregon.gov)





# WHETSTONE ENGINEERING, INC.

April 13, 2016

City of Central Point Planning Department  
Attn: Stephanie Holtey  
140 South Third Street  
Central Point, OR 97502

**Subject: Soil Fill & Removal Certification for New Residence Construction  
Twin Creeks Crossing, Phases 1, 2 & 3 – Remaining Lots Master Grading Plan  
1136 Boulder Ridge Street (Phase 2, Lot 45)  
T.37S. R.2W. S.03BD T.L. 3400**

Dear Stephanie:

Based on calculations performed by Whetstone Engineering for the subject parcel (see attached drawing), and the Final Elevation Certificate provided by Farber & Sons, Inc. (see attached), the new residence at 1136 Boulder Ridge Street was constructed as follows:

Finish Floor Elevation	= 1250.0-ft, NAVD
Base Flood Elevation	= 1248.2-ft, NAVD
Finish Grade Elevation	= 1249.4-ft, NAVD
Foundation Excavation Quantity	= 268 cubic yards
Foundation Backfill Quantity	= 65 cubic yards
Exported Fill Quantity	= 203 cubic yards
Imported Topsoil Quantity	= 35 cubic yards
Net Exported Soil from Lot	= 168 cubic yards

It is the opinion of this engineer that the constructed residence finish floor and finish grade elevations for this lot are in compliance with the remaining lots master grading plan dated 4/30/15 for phases 1, 2 and 3 of the Twin Creeks Crossing Subdivision in Central Point.

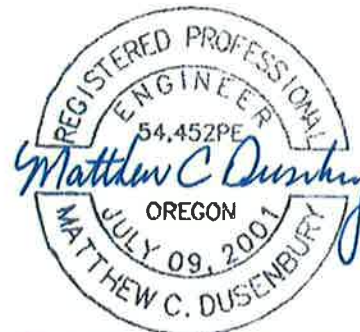
If you have any questions, or are in need of further information, please call.

Sincerely,

WHETSTONE ENGINEERING, INC.

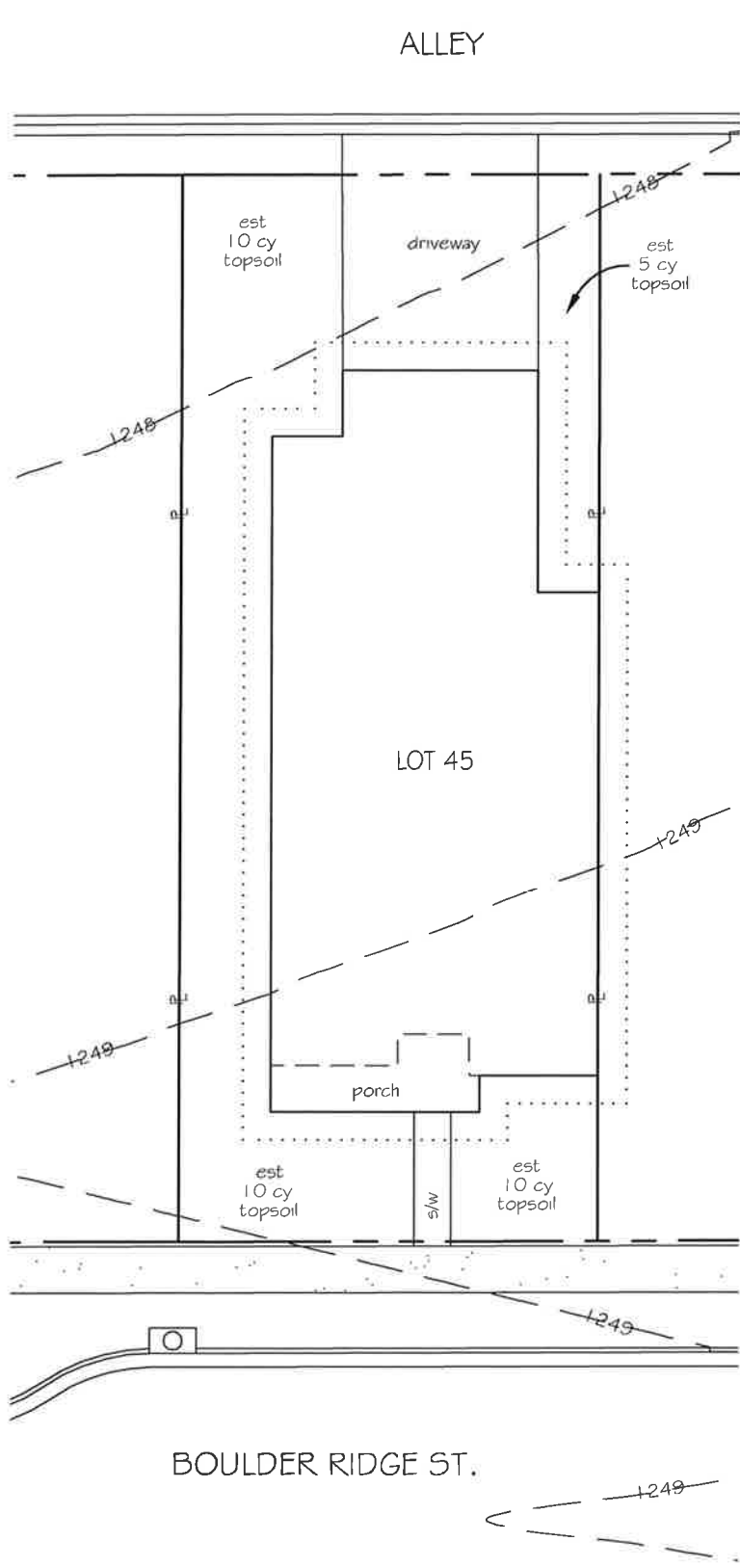
By: *Matthew C. Dusenbury*

President



RENEWAL DATE: 12/31/17

**TWIN CREEKS CROSSING PHASE 2 - LOT 45**  
**SOIL REMOVAL & FILL CALCULATIONS FOR RESIDENCE CONSTRUCTION**  
**1136 BOULDER RIDGE STREET, CENTRAL POINT, OR**



**LEGEND:**

	RIGHT OF WAY
	PROPERTY LINE
	CURB AND GUTTER
	FOUNDATION OUTLINE
	3' AROUND BLDG.

**BUILDING INFORMATION:**

2557 SF	... BUILDING FOOTPRINT
3284 SF	... EXCAVATION AREA (3' AROUND FOOTPRINT)
1248.7 FT...	AVERAGE LOT GRADE (ALG)
1250.0 FT...	FINISHED FLOOR ELEVATION
1249.4 FT...	HIGHEST ADJACENT GRADE (HAG)
1247.0 FT...	BOTTOM OF FOOTING ELEVATION (BOF)
0.5' ±	... CRUSHED ROCK DEPTH
1246.5 FT...	BOTTOM OF CRUSHED ROCK ELEV (BCR)
2.2'	... AVERAGE CUT DEPTH (ALG - BCR)
2.4'	... AVERAGE FILL DEPTH (HAG - BOF)

**VOLUME CALCULATIONS**

268 CY	..... EST VOLUME OF EXCAVATION FOR FOUNDATION CONSTRUCTION (2.2') (3284 SF) / 27
65 CY	..... EST VOLUME OF BACKFILL AROUND FOUNDATION (2.4') (3284 SF - 2557 SF) / 27
203 CY	..... EST VOLUME OF EXPORTED FILL (268 CY - 65 CY)
35 CY	..... EST VOLUME OF TOPSOIL FILL 10 CY + 10 CY + 10 CY + 5 CY
168 CY	..... EST NET VOLUME OF SOIL REMOVAL FROM LOT (258 CY - 65 CY - 35 CY)