

ELEVATION CERTIFICATE

IMPORTANT: Follow the instructions on pages 1-9.

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

NW

| SECTION A - PROPERTY INFORMATION | | FOR INSURANCE COMPANY USE | | | |
|---|--|---------------------------|---|-------------------|--|
| A1. Building Owner's Name | EPHRATA SCHOOL DISTRICT #165 | Policy Number: | | | |
| A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. | 451 RD 3 NW | Company NAIC Number: | | | |
| City | EPHRATA | State | WA | ZIP Code | 98823 |
| A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) | LOT 1 STOVER SCHOOL ADDITION TAX PARCEL #140661000 | | | | |
| A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) | ANNEX - CLASSROOM | | | | |
| A5. Latitude/Longitude: Lat. | 47.326369 | Long. | -119.554316 | 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 | 8 | | | | |
| A8. For a building with a crawlspace or enclosure(s): | a) Square footage of crawlspace or enclosure(s) | | 1840 | | sq ft |
| | b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade | | 18 | | |
| | c) Total net area of flood openings in A8.b | | 1908 | | 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 | | NA | | sq ft |
| | b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade | | | | |
| | c) Total net area of flood openings in A9.b | | | | |
| | d) Engineered flood openings? | | <input type="checkbox"/> Yes <input type="checkbox"/> No | | |

| SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION | | | | | |
|---|------------------------|---------------------|---------------------------------------|-------------------|---|
| B1. NFIP Community Name & Community Number | CITY OF EPHRATA 530051 | | B2. County Name | GRANT | |
| B3. State | WASHINGTON | | | | |
| B4. Map/Panel Number | B5. Suffix | B6. FIRM Index Date | B7. FIRM Panel Effective/Revised Date | B8. Flood Zone(s) | B9. Base Flood Elevation(s) (Zone AO, use base flood depth) |
| 0758 | C | 02/18/2009 | 02/18/2009 | AO | 1 FOOT |
| 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/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 | | | | | |

| SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED) | |
|---|---|
| C1. Building elevations are based on: | <input type="checkbox"/> Construction Drawings* <input type="checkbox"/> Building Under Construction* <input checked="" type="checkbox"/> 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: | GP 13028-54 ID 6615 |
| Vertical Datum: | NAVD 88 |
| Indicate elevation datum used for the elevations in items a) through h) below. <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> 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) | 1282.85 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| b) Top of the next higher floor | 1286.55 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) | NA <input type="checkbox"/> feet <input type="checkbox"/> meters |
| d) Attached garage (top of slab) | NA <input 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) | 1290.35 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | 1282.31 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG) | 1282.97 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support | 1282.85 <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. | | | |
| <input type="checkbox"/> Check here if comments are provided on back of form. | | Were latitude and longitude in Section A provided by a licensed land surveyor? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| <input type="checkbox"/> Check here if attachments. | | | |
| Certifier's Name | KNUD STIRLING KNUDSEN | License Number | 8588 |
| Title | OWNER | Company Name | KNUDSEN LAND SURVEY, LLC |
| Address | PO BOX 505 | City | EPHRATA |
| State | WA | State | WA |
| ZIP Code | 98823 | ZIP Code | 98823 |
| Signature | <i>K. Stirling Knudsen</i> | Date | 7-22-14 |
| | | Telephone | (509) 754-4376 |



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. 451 RD 3 NW | | | Policy Number: |
| City EPHRATA | State WA | ZIP Code 98823 | 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 1 OF 2 PORTABLE CLASSROOMS NORTH WESTERLY UNIT, AIR CONDITIONING UNIT MOUNTED ON NORTH WALL.
 SKIRTING AROUND COMPLETE PERIMETER C2-E

Signature *K. Knudsen* Date 7-22-14

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 0.12 feet meters above or below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is 0.04 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 3.58 feet meters above or below the HAG.
- E3. Attached garage (top of slab) is NA feet meters above or below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is 7.38 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 KNUD STIRLING KNUDSEN

Address PO BOX 505 City EPHRATA State WA ZIP Code 98823

Signature *K. Knudsen* Date 7-22-14 Telephone (509) 754-4376

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 |
| G7. This permit has been issued for: <input type="checkbox"/> New Construction <input type="checkbox"/> Substantial Improvement | | |
| G8. Elevation of as-built lowest floor (including basement) of the building: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____ | | |
| G9. BFE or (in Zone AO) depth of flooding at the building site: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____ | | |
| G10. Community's design flood elevation: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____ | | |

Local Official's Name Bill Cox Title Building official

Community Name _____ Telephone 509-754-4601

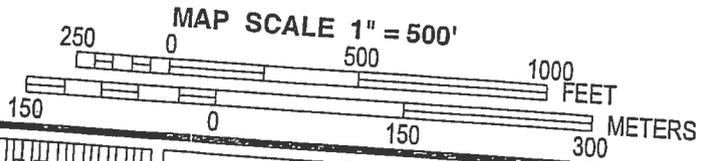
Signature *Bill Cox* Date 7/22/2012

Comments I Bill Cox confirmed AB section R&C 18 vents at 106 sq in per vent were installed each unit for a net total 1908 sq in 1771 sq in required see ingenered calcs.

Check here if attachments.

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.



NFIP

PANEL 0758C

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP
GRANT COUNTY,
WASHINGTON
AND INCORPORATED AREAS

PANEL 758 OF 1950

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY

GRANT COUNTY
EPHRATA, CITY OF

| <u>NUMBER</u> | <u>PANEL</u> | <u>SUFFIX</u> |
|---------------|--------------|---------------|
| 530049 | 0758 | C |
| 530051 | 0758 | C |

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on Insurance applications for the subject community.



MAP NUMBER
53025C0758C

EFFECTIVE DATE
FEBRUARY 18, 2009

Federal Emergency Management Agency

SURVEY INFORMATION SYSTEM

Report of Survey Mark

| | | | | |
|--------------------------------|----------------------------|-----------------------------|----------------|----------------|
| Designation: GP13028-54 | T.R.S.: 21N, 26E, 2 | <u>ACCOUNTS INFORMATION</u> | | |
| Monument ID: 6615 | Corner Code: | BOOK | PROJECT | INVOICE |
| NGS Pid: | State Route: 028 | 35 | XL2584 | 23-06016 |
| State: WASHINGTON | Mile Post: 49.9 | NA | MT0319 | 23-11026 |
| County: GRANT | Station: | | | |
| Region: NC | Offset: | | | |
| Nearest Town: EPHRATA | Owner: GS | | | |
| USGS Quad: EPHRATA | Bearing: M | | | |

TO REACH THE STATION FROM THE JUNCTION OF SR 282 AND SR 028 (MP 46.63), IN EPHRATA, GO NORTHEAST 3.2 MILES ALONG SR 028 TO MARK ON RIGHT. IT IS LOCATED IN THE BRUSHY SHOULDER ON THE SOUTHEAST SIDE OF SR 028, ON THE NORTHEAST SIDE OF AN UNIMPROVED ROAD APPROACH, 1.2 METERS @ 205 DEGREES FROM A TELEPHONE RISER, 38.2 METERS @ 210 DEGREES FROM A WITNESS POST, 6.3 METERS @ 310 DEGREES FROM A NORTHERLY GATE POST, 6.1 METERS @ 15 DEGREES FROM THE APPROXIMATE CENTERLINE OF A DRIVEWAY AND 14.3 METERS @ 110 DEGREES FROM THE APPROXIMATE CENTERLINE OF SR 028. THE MARK IS A WSDOT BRASS DISK SET IT THE TOP OF A CONCRETE MONUMENT, WHICH IS SET 7 CM BELOW THE GROUND SURFACE.



Survey Control

| | | | | | |
|---|-----------------------------------|---------------------------------|--------------------|--|---------------------------|
| Datum: NAD 83/11 | | Date: 02/28/2013 | | | |
| Lat: 47 20 50.536117 N | | Long: 119 31 27.857354 W | | Ellips: 368.938 (M) 1210.424 (USFt) | Geoid: -20.342 (M) |
| Washington State Plane Zone: South | | | | | |
| Northing | Easting | Scale | Comb Factor | Conv Angle | |
| 224326.576 (M) 735978.108 (USFt) | 573715.949 (M) 1882266.409 (USFt) | 1.00000324 | 0.99994534 | 0 42 31.2 | |
| Ortho: | Date: 05/18/2006 | Survey Info | Accuracy | Network | Method |
| Datum: NAVD 88 | | Horizontal | 2 CM | PRIMARY | GPS |
| Elevation: | 389.280 (M) 1277.163 (USFt) | Ellips | 5 CM | | GPS |
| | | Ortho | 1 CM | PRIMARY | DIFF LEVELS |

| | | | | | |
|--|-----------------------------|-----------------------------------|-----------------|----------------|--------------------------------------|
| Datum: NAD 83/07 | | Date: 04/21/2008 | | | |
| Lat: 47 20 50.535872 N Long: 119 31 27.859382 W Ellips: 368.953 (M) 1210.473 (USFt) Geoid: -20.327 (M) | | | | | |
| Washington State Plane Zone: South | | | | | |
| Northing | | Easting | | Scale | Comb Factor Conv Angle |
| 224326.568 (M) 735978.082 (USFt) | | 573715.906 (M) 1882266.268 (USFt) | | 1.00000324 | 0.99994534 0 42 31.2 |
| Ortho: | Date: 05/18/2006 | Survey Info | Accuracy | Network | Method |
| Datum: | NAVD 88 | Horizontal | 2 CM | PRIMARY | GPS |
| Elevation: | 389.280 (M) 1277.163 (USFt) | Ellips | 5 CM | | GPS |
| | | Ortho | 1 CM | PRIMARY | DIFF LEVELS |

| | | | | | |
|--|-----------------------------|-----------------------------------|-----------------|----------------|--------------------------------------|
| Datum: NAD 83/91 | | Date: 05/18/2006 | | | |
| Lat: 47 20 50.533821 N Long: 119 31 27.858850 W Ellips: 369.095 (M) 1210.939 (USFt) Geoid: -20.185 (M) | | | | | |
| Washington State Plane Zone: South | | | | | |
| Northing | | Easting | | Scale | Comb Factor Conv Angle |
| 224326.505 (M) 735977.875 (USFt) | | 573715.918 (M) 1882266.308 (USFt) | | 1.00000324 | 0.99994532 0 42 31.2 |
| Ortho: | Date: 05/18/2006 | Survey Info | Accuracy | Network | Method |
| Datum: | NAVD 88 | Horizontal | 2 CM | PRIMARY | GPS |
| Elevation: | 389.280 (M) 1277.163 (USFt) | Ellips | 5 CM | | GPS |
| | | Ortho | 1 CM | PRIMARY | DIFF LEVELS |

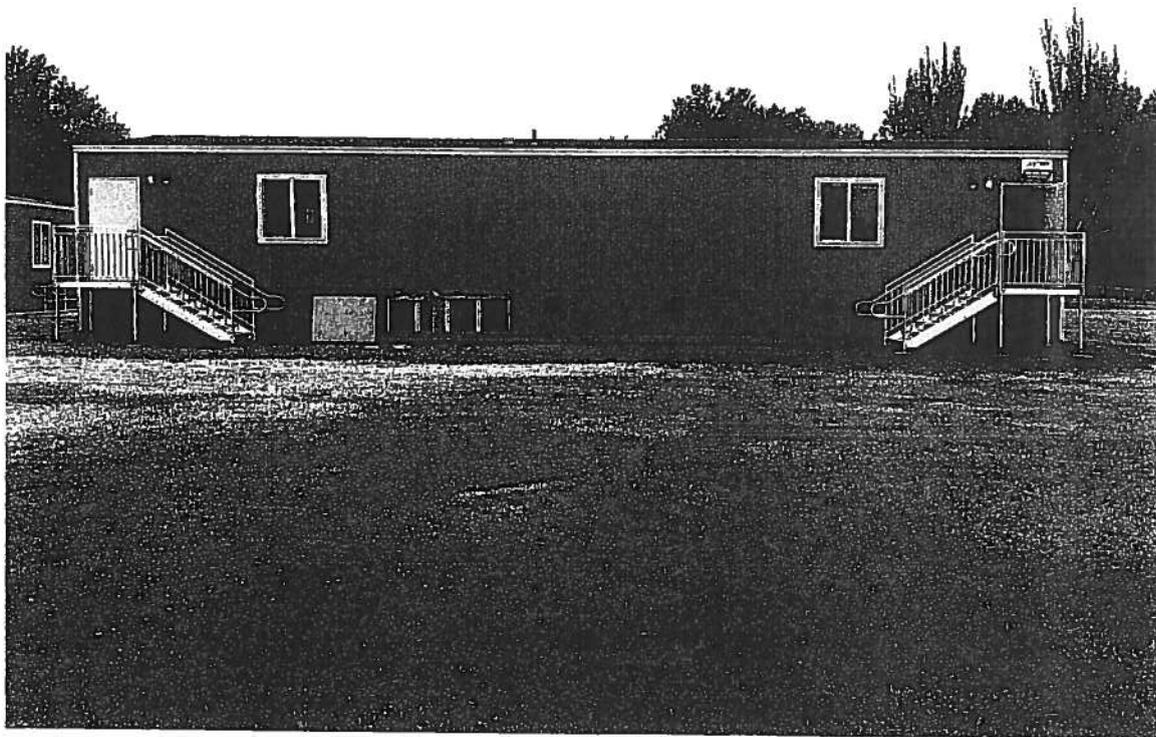
History

| Recovered On | Recovered By | Action | Condition |
|---------------------|---------------------|---------------|------------------|
| 2/28/2013 | GEOGRAPHIC SERVICES | UPDATED | |
| 4/21/2008 | GEOGRAPHIC SERVICES | UPDATED | GOOD |
| 5/18/2006 | GEOGRAPHIC SERVICES | MONUMENTED | |

14-220



IMG_0523.JPG



IMG_0524.JPG