

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

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

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name N. L. BASSFORD, JR.			FOR INSURANCE COMPANY USE		
A2. Building Street Address (Including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 5250 OLD LOUISVILLE ROAD (BUILDING 11)			Policy Number:		
City POOLER			State GA		Company NAIC Number:
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) LOT 5, BASSFORD INDUSTRIAL PARK, PHASE TWO (PLAT RECORD BOOK 48P, PAGE 198); CHATHAM COUNTY PIN: 5-0987-01-037.					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>NON-RESIDENTIAL (WAREHOUSE/OFFICE)</u>					
A5. Latitude/Longitude: Lat. <u>32.1053°N</u> Long. <u>81.2161°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>*1B</u>					
A8. For a building with a crawlspace or enclosure(s):			A9. For a building with an attached garage:		
a) Square footage of crawlspace or enclosure(s) <u>N/A</u> sq ft			a) Square footage of attached garage <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>0</u>			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 A8.b <u>0</u> sq in			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			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 POOLER 130261		B2. County Name CHATHAM		B3. State GA	
B4. Map/Panel Number 13051C0127	B5. Suffix G	B6. FIRM Index Date JULY 7, 2014	B7. FIRM Panel Effective/Revised Date AUGUST 5, 2013	B8. Flood Zone(s) X, X(SHADED) & AE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) *AE = 12' + 1' FREEBOARD

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: LOCAL 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>14.1</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
b) Top of the next higher floor	<u>N/A</u>	<input 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>N/A</u>	<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)	<u>*14.1</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>9.8</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>14.0</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>9.8</u>	<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.

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	Joseph A. Hale, Jr.	License Number	GA RLS# 2886
Title	Registered Land Surveyor	Company Name	Kern & Company, LLC
Address	6 Mall Court	City	Savannah
		State	GA
		ZIP Code	31406
Signature	<i>Joseph A. Hale, Jr.</i>	Date	09/03/2015
		Telephone	912-354-8400



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. 5250 OLD LOUISVILLE ROAD (BUILDING 11)			Policy Number:	
City POOLER	State GA	ZIP Code 31322	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

SEE ATTACHED BUILDING EXHIBIT FOR CLARIFICATION OF THE APPLICABLE BUILDING.
SECTION A5: METHOD OF DETERMINATION BY USE OF HANDHELD GPS RECEIVER.
SECTION A7: BUILDING TYPE IS BACK-FILLED STEM WALL FOUNDATION. NO CRAWLSPACE.
SECTION B9: BASE FLOOD ELEVATION DETERMINED ACCORDING TO THE PROCEDURE OF THE COMMUNITY FLOODPLAIN ORDINANCE ADMINISTRATOR. THE 1'(ONE FOOT) FREEBOARD IS A PROVISION OF THE COMMUNITY FLOOD DAMAGE PREVENTION ORDINANCE.
SECTION B9: THE BASE FLOOD ELEVATION ACCORDING TO THE FLOOD INSURANCE STUDY FLOOD PROFILE IS 11.9' (NAVD 88).
SECTION C2.e: THE ELEVATION IS FOR THE WATER HEATER LOCATED INSIDE THE BUILDING, THE TOP OF THE PLATFORM FOR THE ELEVATED CONDENSING UNIT ON THE RIGHT SIDE OF THE BUILDING IS AT ELEVATION 26.1'.

Signature *Joe A. Halley Jr.* Date 09/03/2015

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 *Joe Miller* Title _____

Community Name _____ Telephone _____

Signature _____ Date 09-09-2015

Building Photographs

See Instructions for Item A6.

IMPORTANT: In these spaces, copy the corresponding information from Section A.

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City POOLER			Policy Number:
State GA	ZIP Code 31322	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 (BUILDING 11)
09/03/2015



FRONT VIEW (BUILDING 11)
09/03/2015



REAR VIEW (BUILDING 11)
09/03/2015



REAR VIEW (BUILDING 11)
09/03/2015



Building Photographs

Continuation Page

IMPORTANT: In these spaces, copy the corresponding information from Section A.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 5250 OLD LOUISVILLE ROAD (BUILDING 11)			FOR INSURANCE COMPANY USE Policy Number:
City POOLER	State GA	ZIP Code 31322	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.

LEFT SIDE VIEW (BUILDING 11)
09/03/2015



RIGHT SIDE VIEW / ELEVATED CONDENSING UNIT (BUILDING 11)
09/03/2015



LEFT SIDE VIEW (BUILDING 11)
09/03/2015



RIGHT SIDE VIEW (BUILDING 11)
09/03/2015



Building Photographs

See Instructions for Item A6.

IMPORTANT: In these spaces, copy the corresponding information from Section A.

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City POOLER			Policy Number:
State GA	ZIP Code 31322	Company NAIC Number:	

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WATER HEATER

09/03/2015





Kern & Co., LLC

Consulting Engineers • Land Surveyors • Land Planners
Architects • Landscape Architects • Environmental Scientist

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Phone: (912) 354-3400 Fax: (912) 354-1865 Email: info@kern-engineering.com

400' 200' 0' 400'

GRAPHIC SCALE: 1" = 400'

N

APPROXIMATE LOCATION OF
FLOODPLAIN BOUNDARY

NORFOLK SOUTHERN
CENTRAL OF GEORGIA RAILROAD
150' R/W

ZONE X
SHADED

ZONE AE
BFE=12

ZONE AE
BFE=12

BASE FLOOD
ELEVATION LINE
(ELEV.=12')

LOT 5

"LIFT STATION"
SITE

80' RIGHT OF WAY

BASE FLOOD
ELEVATION LINE
(ELEV.=12')

U.S. HIGHWAY 80
150' R/W

LOT 3

LOT 4

ZONE X
SHADED

ZONE AE
BFE=12

OLD LOUISVILLE ROAD

DRAWING TITLE:

**BUILDING
EXHIBIT**

BASSFORD INDUSTRIAL PARK, PHASE TWO