

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expires February 28, 2009

Important: Read the instructions on pages 1-8.

SECTION A - PROPERTY INFORMATION		For Insurance Company Use:
A1. Building Owner's Name <u>Northrop Grumman Ship Systems</u>	Policy Number	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <u>13303 Seaway Road</u> City <u>Gulfport</u> State <u>MS</u> ZIP Code <u>39503</u>	Company NAIC Number	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Tax Parcel Number <u>0909E-01-002.000 electrical vault GLC-006</u>		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Non-Residential</u>		
A5. Latitude/Longitude: Lat. <u>30°25.82'</u> Long. <u>89°03.76'</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>1</u>		
A8. For a building with a crawl space or enclosure(s), provide		A9. For a building with an attached garage, provide:
a) Square footage of crawl space or enclosure(s) <u>659</u> sq ft	a) Square footage of attached garage <u>0</u> sq ft	b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade <u>0</u>
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade <u>4</u>	c) Total net area of flood openings in A9.b <u>0</u> sq ft	
c) Total net area of flood openings in A8.b <u>800</u> sq in		

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number <u>285253</u>		B2. County Name <u>Harrison</u>		B3. State <u>MS</u>	
B4. Map/Panel Number <u>0037</u>	B5. Suffix <u>D</u>	B6. FIRM Index Date <u>October 4, 2002</u>	B7. FIRM Panel Effective/Revised Date <u>October 4, 2002</u>	B8. Flood Zone(s) <u>AE</u>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <u>11'</u>
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 (Describe) _____					
B11. Indicate elevation datum used for BFE in Item B9: <input checked="" type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other (Describe) _____					
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: 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-g below according to the building diagram specified in Item A7.
Benchmark Utilized CBM 1303 Vertical Datum NGVD 1929
Conversion/Comments _____

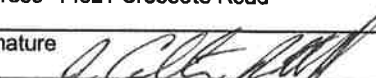
Check the measurement used.

a) Top of bottom floor (including basement, crawl space, or enclosure floor)	<u>14.2</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	<u>n/a.</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>n/a.</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)	<u>n/a.</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment in Comments)	<u>17.6</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade (LAG)	<u>13.3</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade (HAG)	<u>14.0</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)

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.

Certifier's Name <u>J. Colter Ratliff</u>	License Number <u>P.S. 3008</u>
Title <u>Professional Surveyor</u>	Company Name <u>Knesal Engineering Services, Inc.</u>
Address <u>14321 Creosote Road</u>	City <u>Gulfport</u> State <u>MS</u> ZIP Code <u>39503</u>
Signature 	Date <u>May 21, 2009</u> Telephone <u>228-867-9100</u>



Check here if attachment

Local Official's Name _____ Title _____
 Community Name _____ Telephone _____
 Signature _____ Date _____
 Comments _____

37. This permit has been issued for: New Construction Substantial Improvement
 38. Elevation of as-built lowest floor (including basement) of the building: _____ feet meters (PR) Datum
 39. BFE or (in Zone AO) depth of flooding at the building site: _____ feet meters (PR) Datum

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued
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31. 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.)
 32. A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
 33. The following information (Items G4-G9) is provided for community floodplain management purposes.

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

Check here if attachments

Address _____ City _____ State _____ ZIP Code _____
 Signature _____ Date _____
 Telephone _____
 Comments _____

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 _____

SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

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, crawl space, or enclosure) is _____ feet meters above or below the HAG.
 b) Top of bottom floor (including basement, crawl space, or enclosure) is _____ feet meters above or below the LAG.
 E2. For Building Diagrams 6-8 with permanent flood openings provided in Section A items 8 and/or 9 (see page 8 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 E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

Signature _____ Date 5/21/09
 Check here if attachments

Comments: This elevation certificate is for a new electrical vault. The number shown in item A8.c represents the area certified for flood protection as shown in the specifications for Smart Vent Model 1540-520 called for in the plans provided to Kresal Engineering Service Inc. by Roy Anderson. According to the DFRM Map dated November 15, 2007, adopted by the City of Gulfport and effective on February 29, 2008, this structure is located in Zone AE with a Base Flood Elevation of 15 feet. The City has a freeboard requirement of 1 foot; therefore the minimum floor elevation is hereby established as 16 feet. The lowest electrical equipment or machinery serving the building is a distribution panel inside the vault.

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

City Gulfport State MS ZIP Code 39503	Company NAIC Number
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.	Policy Number
For Insurance Company Use:	

