

**Appendix L – Floodplain Development
Approval**

Page intentionally blank

CITY OF NEW HOPE

October 28, 2008

Mr. Tim Butzke
Director-Plant Engineering Nuclear
CB&I Constructors, Inc.
8900 Fairbanks N. Houston Road
Houston, Texas 77064-6805

VIA HAND DELIVERY

In re: CB&I Property

Dear Mr. Butzke:

Pursuant to your request, the Board of Mayor and Aldermen for the City of New Hope, Tennessee considered during its regular monthly meeting last night the request of CB&I to raise the elevation of its property near the Nickajack Port. You requested that the Board of Mayor and Aldermen authorize me as Mayor to provide you this letter indicating that the City of New Hope has no objection to CB&I using proper fill materials to raise the elevation of its property to the 620' elevation. It is our understanding that CB&I's motivation for raising the property elevation is to raise the property above the 500 year flood plain level in order to protect the buildings that CB&I will be erecting on the property.

Subject to CB&I meeting all federal, state, local and other regulatory requirements, the Board of Mayor and Aldermen of the City of New Hope has no objection to CB&I raising the elevation of its property to the 620' elevation provided that so raising such elevation does not adversely impact neighboring properties or have other adverse consequences.

Please let me know if you need any additional information.

Thank you very much.

Sincerely yours,

Mark Myers, Mayor

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

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 Chicago Bridge & Iron		Policy Number
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 3627 Hwy 156 City New Hope State TN ZIP Code 37380		Company NAIC Number
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Tax Parcel (out of) 154-015, (Deed Bk. 401 Pages 993-996)		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Manufacturing Building</u>		
A5. Latitude/Longitude: Lat. <u>35deg 00min 19.9sec</u> Long. <u>85deg 38min 09.5sec</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: a) Square footage of crawl space or enclosure(s) <u>N/A</u> sq ft b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade <u>N/A</u> c) Total net area of flood openings in A8.b <u>N/A</u> sq in		A9. For a building with an attached garage, provide: a) Square footage of attached garage <u>N/A</u> sq ft b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade <u>N/A</u> c) Total net area of flood openings in A9.b <u>N/A</u> sq in

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number City of New Hope, 470377		B2. County Name Marion		B3. State Tennessee	
B4. Map/Panel Number 470377-0005B	B5. Suffix B	B6. FIRM Index Date 11/7/2002	B7. FIRM Panel Effective/Revised Date 9/27/1985	B8. Flood Zone(s) A	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 616 (see comments)
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 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: <input checked="" type="checkbox"/> Construction Drawings* <input type="checkbox"/> Building Under Construction* <input 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-g below according to the building diagram specified in Item A7. Benchmark Utilized <u>TVA Lake Data Vertical Datum NGVD 1929</u> Conversion/Comments _____	
Check the measurement used.	
a) Top of bottom floor (including basement, crawl space, or enclosure floor)	<u>620.0</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>620.0</u> <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade (LAG)	<u>620.0</u> <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade (HAG)	<u>620.0</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.			
<input checked="" type="checkbox"/> Check here if comments are provided on back of form.			
Certifier's Name	Roger B. Riemer	License Number	TN RLS No. 1804
Title	Registered Land Surveyor	Company Name	Thompson Engineering
Address	25 Cherokee Blvd., Suite E	City	Chattanooga State TN ZIP Code 37405
Signature		Date	10/24/08 Telephone 423-756-7970



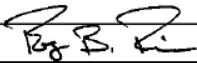
IMPORTANT: In these spaces, copy the corresponding information from Section A.	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 3627 Highway 156	Policy Number
City New Hope State TN ZIP Code 37380	Company NAIC Number

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 Section C: Building Elevations are based on construction plans

BFE determined using FIRM Panel No. 470114-0175B which borders site

Signature  Date 10/24/08 Check here if attachments

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, crawl space, or enclosure) is 0.0 feet meters above or below the HAG.
 - b) Top of bottom floor (including basement, crawl space, or enclosure) is 0.0 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 0.0 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
CB&I (Tim Butzke)

Address 3565 Main Street City Jasper State TN ZIP Code 37347

Signature _____ Date _____ Telephone 713-805-5909

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. and G9.

- 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.-G9.) 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: New Construction Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: _____ feet meters (PR) Datum _____
- G9. BFE or (in-Zone AO) depth of flooding at the building site: _____ feet meters (PR) Datum _____

Local Official's Name _____ Title _____

Community Name _____ Telephone _____

Signature _____ Date _____

Comments _____

Check here if attachments

Building Photographs

See Instructions for Item A6.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.			For Insurance Company Use:
			Policy Number
City	State	ZIP Code	Company NAIC Number
<p>If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two 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." If submitting more photographs than will fit on this page, use the Continuation Page, following.</p>			