

# 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  |  | Policy Number  |
| A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>2101 18th Ave. N.<br>City Bessemer State AL ZIP Code 35020                              |  | Company NAIC Number  |
| A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)<br>Building Openings for Marvel City Mini-Mill (Existing Building with no substantial improvements) |  |  |
| A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Non-Residential</u>  |  |  |
| A5. Latitude/Longitude: Lat. <u>33° 24' 53"</u> Long. <u>86° 58' 10"</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>305,600</u> sq ft  |  | a) Square footage of attached garage _____ sq ft   |
| b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade <u>32</u>   |  | b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade _____ |
| c) Total net area of flood openings in A8.b <u>305,900</u> sq in   |  | c) Total net area of flood openings in A9.b _____ sq in  |

## SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

|   |                 |                                   |   |                         |  |
|---|-----------------|-----------------------------------|---|-------------------------|--|
| B1. NFIP Community Name & Community Number<br>Bessemer 010115 |                 | B2. County Name<br>Jefferson      |   | B3. State<br>AL         |  |
| B4. Map/Panel Number<br>01073C0536                            | B5. Suffix<br>G | B6. FIRM Index Date<br>09/29/2006 | B7. FIRM Panel Effective/Revised Date<br>09/29/2006 | B8. Flood Zone(s)<br>AE | B9. Base Flood Elevation(s) (Zone AO, use base flood depth)<br>473.4 |

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 (Describe) \_\_\_\_\_

B11. Indicate elevation datum used for BFE in Item B9:     NGVD 1929     NAVD 1988     Other (Describe) \_\_\_\_\_

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-g below according to the building diagram specified in Item A7.  
 Benchmark Utilized Column L-17 Baseplate Vertical Datum NAVD 1988  
 Conversion/Comments \_\_\_\_\_

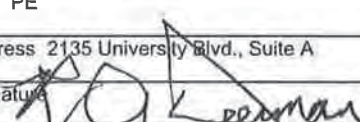
Check the measurement used

|   |              |                               |  |
|---|--------------|-------------------------------|--|
| a) Top of bottom floor (including basement, crawl space, or enclosure floor)                                  | <u>468.6</u> | <input type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| b) Top of the next higher floor   | _____        | <input type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| c) Bottom of the lowest horizontal structural member (V Zones only)   | _____        | <input type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| d) Attached garage (top of slab)  | _____        | <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) | _____        | <input type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| f) Lowest adjacent (finished) grade (LAG)   | _____        | <input type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| g) Highest adjacent (finished) grade (HAG)  | _____        | <input 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>R. A. Deerman, PE</u>   |                               | License Number <u>16938</u>     |                       |
| Title <u>PE</u>   | Company Name <u>CFM Group</u> |                                 |                       |
| Address <u>2135 University Blvd., Suite A</u>   | City <u>Tuscaloosa</u>        | State <u>AL</u>                 | ZIP Code <u>35401</u> |
| Signature  | Date <u>08/05/08</u>          | Telephone <u>(205) 752-4037</u> |                       |



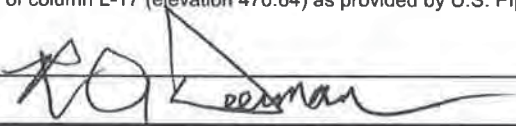
|  |                            |
|--|----------------------------|
| <b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>                                  | For Insurance Company Use: |
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>2101 18th Ave. N. | Policy Number              |
| City Bessemer State AL ZIP Code 35020  | 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 The height of each opening is the elevation difference between the surveyed grade at the opening (two surveyed points at each opening with one exception of only one surveyed point) and the base flood elevation (473.4). The lowest grade at any door is shown at C2.a. as 468.6. The benchmark is the baseplate of column L-17 (elevation 470.64) as provided by U.S. Pipe & Foundry. This certificate is not being used to obtain flood insurance.

Signature



Date 08/05/08

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 \_\_\_\_\_  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 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. 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

# 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>U.S. Pipe and Foundry Company</u>   | Policy Number  |  |
| A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br><u>2101 18th Ave. N.</u>  | Company NAIC Number  |  |
| City <u>Bessemer</u> State <u>AL</u> ZIP Code <u>35020</u>   |  |  |
| A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)<br><u>New Transformer Pads for Marvel City Mini-Mill (Existing Building with no substantial improvements)</u> |  |  |
| A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Non-Residential</u>  |  |  |
| A5. Latitude/Longitude: Lat. <u>33° 24' 53"</u> Long. <u>86° 58' 10"</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) _____ sq ft   | a) Square footage of attached garage _____ sq ft   |  |
| b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade _____   | b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade _____ |  |
| c) Total net area of flood openings in A8.b _____ sq in  | c) Total net area of flood openings in A9.b _____ sq in  |  |

| SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION  |                        |  |  |                                |   |
|--|------------------------|--|--|--------------------------------|---|
| B1. NFIP Community Name & Community Number<br><u>Bessemer 010115</u>   |                        | B2. County Name<br><u>Jefferson</u>      |  | B3. State<br><u>AL</u>         |   |
| B4. Map/Panel Number<br><u>01073C0536</u>  | B5. Suffix<br><u>G</u> | B6. FIRM Index Date<br><u>09/29/2006</u> | B7. FIRM Panel Effective/Revised Date<br><u>09/29/2006</u> | B8. Flood Zone(s)<br><u>AE</u> | B9. Base Flood Elevation(s) (Zone AO, use base flood depth)<br><u>473.4</u> |
| B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.<br><input checked="" 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 type="checkbox"/> NGVD 1929 <input checked="" 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<br>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<br><small>*A new Elevation Certificate will be required when construction of the building is complete.</small>          |   |
| 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.<br>Benchmark Utilized <u>Column L-17 Baseplate</u> Vertical Datum <u>NAVD 1988</u><br>Conversion/Comments _____ |   |
| Check the measurement used.   |   |
| a) Top of bottom floor (including basement, crawl space, or enclosure floor)  | _____ <input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)        |
| b) Top of the next higher floor   | _____ <input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)        |
| c) Bottom of the lowest horizontal structural member (V Zones only)   | _____ <input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)        |
| d) Attached garage (top of slab)  | _____ <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>474.5</u> <input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only) |
| f) Lowest adjacent (finished) grade (LAG)   | _____ <input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)        |
| g) Highest adjacent (finished) grade (HAG)  | _____ <input 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 <u>R. A. Deerman, PE</u>   | License Number <u>16938</u>                                  |
| Title <u>PE</u>   | Company Name <u>CFM Group</u>                                |
| Address <u>2135 University Blvd., Suite A</u>   | City <u>Tuscaloosa</u> State <u>AL</u> ZIP Code <u>35401</u> |
| Signature    | Date <u>07/28/08</u> Telephone <u>(205) 752-4037</u>         |



|  |                            |
|--|----------------------------|
| <b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>                                  | For Insurance Company Use: |
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>2101 18th Ave. N. | Policy Number              |
| City Bessemer State AL ZIP Code 35020  | 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 Elevation C2.e (474.5) is the lowest surveyed elevation for four transformer pads (minimum of three points measure per transformer pad). The highest surveyed elevation is 474.6. The benchmark is the baseplate of column L-17 (elevation 470.64) as provided by U.S. Pipe & Foundry. This certificate is not being used to obtain flood insurance.

Signature  Date 07/28/08  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 \_\_\_\_\_  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 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. 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