

ELEVATION CERTIFICATE

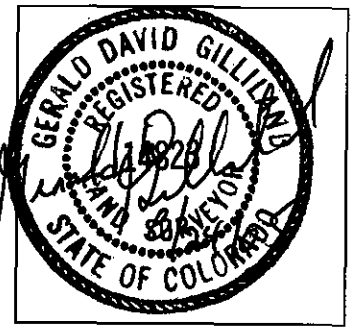
Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION			For Insurance Company Use:	
BUILDING OWNER'S NAME New Belgium Brewing Company			Policy Number	
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 902 Buckingham Street			Company NAIC Number	
CITY Fort Collins	STATE CO	ZIP CODE 80524		
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 1, New Belgium Brewery Third Filing, (Rec. No. 2001076186)				
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.) Chemical Storage Room in Process Building				
LATITUDE/LONGITUDE (OPTIONAL) (##° - ##' - ###"##" or ###.####")		HORIZONTAL DATUM: <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983	SOURCE: <input type="checkbox"/> GPS (Type): _____ <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other: _____	

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER Larimer County 80102		B2. COUNTY NAME Larimer		B3. STATE CO	
B4. MAP AND PANEL NUMBER 080102.0004	B5. SUFFIX C	B6. FIRM INDEX DATE 3/18/1996	B7. FIRM PANEL EFFECTIVE/REVISED DATE 3/18/1996	B8. FLOOD ZONE(S) X	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 500 YR - 4953
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9. <input checked="" type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other (Describe): _____					
B11. Indicate the elevation datum used for the BFE in 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 _____					

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. Building Diagram Number 1 (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)	
C3. 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 C3.-a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.	
Datum <u>NGVD 1929</u> Conversion/Comments _____	
Elevation reference mark used <u>FC BM</u> Does the elevation reference mark used appear on the FIRM? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
o a) Top of bottom floor (including basement or enclosure)	<u>N/A</u> .__ft.(m)
o b) Top of next higher floor	<u>N/A</u> .__ft.(m)
o c) Bottom of lowest horizontal structural member (V zones only)	<u>N/A</u> .__ft.(m)
o d) Attached garage (top of slab)	<u>N/A</u> .__ft.(m)
o e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area)	<u>4954 . 34</u> ft.(m)
o f) Lowest adjacent (finished) grade (LAG)	<u>N/A</u> .__ft.(m)
o g) Highest adjacent (finished) grade (HAG)	<u>N/A</u> .__ft.(m)
o h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade <u>0</u>	
o i) Total area of all permanent openings (flood vents) in C3.h <u>0</u> sq. in. (sq. cm)	

License Number, Embossed Seal, Signature, and Date



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 in Sections A, B, and C 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.			
CERTIFIER'S NAME <u>GERALD D. GILLILAND</u>		LICENSE NUMBER <u>14823</u>	
TITLE <u>LAND SURVEYOR</u>	COMPANY NAME <u>NORTHERN ENGINEERING SERVICES</u>		
ADDRESS <u>420 S HOWES</u>	CITY <u>FORT COLLINS</u>	STATE <u>CO</u>	ZIP CODE <u>80521</u>
SIGNATURE <u>Gerald D Gilliland</u>	DATE <u>8/24/05</u>	TELEPHONE <u>970-221-4158</u>	

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.

902 Buckingham Street

CITY
Fort Collins

STATE
CO

ZIP CODE
80524

For Insurance Company Use:

Policy Number

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

Finish floor elevation for the chemical storage room located on the east side of the Process Building

Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zone AO and Zone A (without BFE), complete Items E1 through E4. If the Elevation Certificate is intended for use as supporting information for a LOMA or LOMR-F, Section C must be completed.

E1. Building Diagram Number (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

E2. The top of the bottom floor (including basement or enclosure) of the building is ___ ft.(m) ___ in.(cm) above or below (check one) the highest adjacent grade. (Use natural grade, if available).

E3. For Building Diagrams 6-8 with openings (see page 7), the next higher floor or elevated floor (elevation b) of the building is ___ ft.(m) ___ in.(cm) above the highest adjacent grade. Complete items C3.h and C3.i on front of form.

E4. The top of the platform of machinery and/or equipment servicing the building is ___ ft.(m) ___ in.(cm) above or below (check one) the highest adjacent grade. (Use natural grade, if available).

E5. For 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, C (Items C3.h and C3.i only), 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, C, 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.

G1. The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local 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
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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 is:

_____. ____ ft.(m)

Datum: _____

G9. BFE or (in Zone AO) depth of flooding at the building site is:

_____. ____ ft.(m)

Datum: _____

LOCAL OFFICIAL'S NAME

TITLE

COMMUNITY NAME

TELEPHONE

SIGNATURE

DATE

COMMENTS

Check here if attachments

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION			For Insurance Company Use:
BUILDING OWNER'S NAME New Belgium Brewing Co			Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 902 Buckingham St			Company NAIC Number
CITY Fort Collins	STATE CO	ZIP CODE 80524	
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 1, New Belgium Brewery Third Filing (Rec. No. 2001076186)			
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.) Industrial - Water Treatment Plant			
LATITUDE/LONGITUDE (OPTIONAL) (##° - ##' - ##.###" or ##.#####")		HORIZONTAL DATUM: <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983	SOURCE: <input type="checkbox"/> GPS (Type): _____ <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other: _____

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER City of Fort Collins 080102		B2. COUNTY NAME Larimer		B3. STATE CO	
B4. MAP AND PANEL NUMBER 080102 0004	B5. SUFFIX C	B6. FIRM INDEX DATE 03/18/96	B7. FIRM PANEL EFFECTIVE/REVISED DATE 03/18/96	B8. FLOOD ZONE(S) X	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 4953 (500yr)

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9.
 FIS Profile FIRM Community Determined Other (Describe): _____

B11. Indicate the elevation datum used for the BFE in 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 _____

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

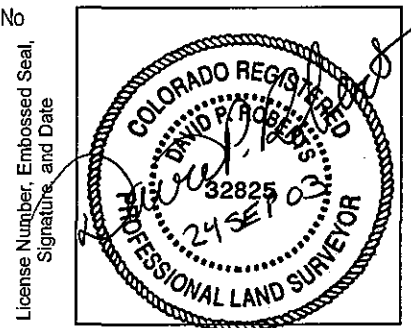
C1. Building elevations are based on: Construction Drawings* Building Under Construction* Finished Construction
 *A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number 1 (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

C3. 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 C3.-a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.
 Datum NGVD 29 Conversion/Comments _____

Elevation reference mark used NGSBM Z401 Does the elevation reference mark used appear on the FIRM? Yes No

- a) Top of bottom floor (including basement or enclosure) 4953. 25 ft.(m)
- b) Top of next higher floor NA. ft.(m)
- c) Bottom of lowest horizontal structural member (V zones only) NA. ft.(m)
- d) Attached garage (top of slab) NA. ft.(m)
- e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area) 4949. 43 ft.(m)
- f) Lowest adjacent (finished) grade (LAG) 4949. 40 ft.(m)
- g) Highest adjacent (finished) grade (HAG) 4960. 69 ft.(m)
- h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade 0
- i) Total area of all permanent openings (flood vents) in C3.h 0 sq. in. (sq. cm)



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 in Sections A, B, and C 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.

CERTIFIER'S NAME David P. Roberts LICENSE NUMBER CO 32825

TITLE Survey Division Manager COMPANY NAME JR Engineering

ADDRESS 2620 E. Prospect Rd., Suite 190 CITY Fort Collins STATE CO ZIP CODE 80525

SIGNATURE _____ DATE _____ TELEPHONE 970-491-9888

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. 902 Buckingham Street			Policy Number
CITY Fort Collins	STATE CO	ZIP CODE 80524	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 datum on this form is for the chemical storage building of the water process facility. There is an adjacent facility building and the two are detached but share a common roof. Please see attached drawing for detail.

C 3e - Lowest Elevation of machinery servicing Bldg. - Elevation of Water Heater base in adjoining Building.

BM Elevation = 4959.57' (B on S edge PP N of intersection @ Vine & Linden) Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zone AO and Zone A (without BFE), complete Items E1 through E4. If the Elevation Certificate is intended for use as supporting information for a LOMA or LOMR-F, Section C must be completed.

- E1. Building Diagram Number (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)
- E2. The top of the bottom floor (including basement or enclosure) of the building is ft.(m) in.(cm) above or below (check one) the highest adjacent grade. (Use natural grade, if available).
- E3. For Building Diagrams 6-8 with openings (see page 7), the next higher floor or elevated floor (elevation b) of the building is ft.(m) in.(cm) above the highest adjacent grade. Complete items C3.h and C3.i on front of form.
- E4. The top of the platform of machinery and/or equipment servicing the building is ft.(m) in.(cm) above or below (check one) the highest adjacent grade. (Use natural grade, if available).
- E5. For 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, C (Items C3.h and C3.i only), 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, C, 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.

- G1. The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local 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 FP 10358 BP0103649	G5. DATE PERMIT ISSUED FP 8/14/2001 BP 6/15/01	G6. DATE CERTIFICATE OF COMPLIANCE/OCCUPANCY ISSUED 10/16/03
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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 is:

4953.25 ft.(m)

Datum: **NVD 1929**

G9. BFE or (in Zone AO) depth of flooding at the building site is: **for 500-year**

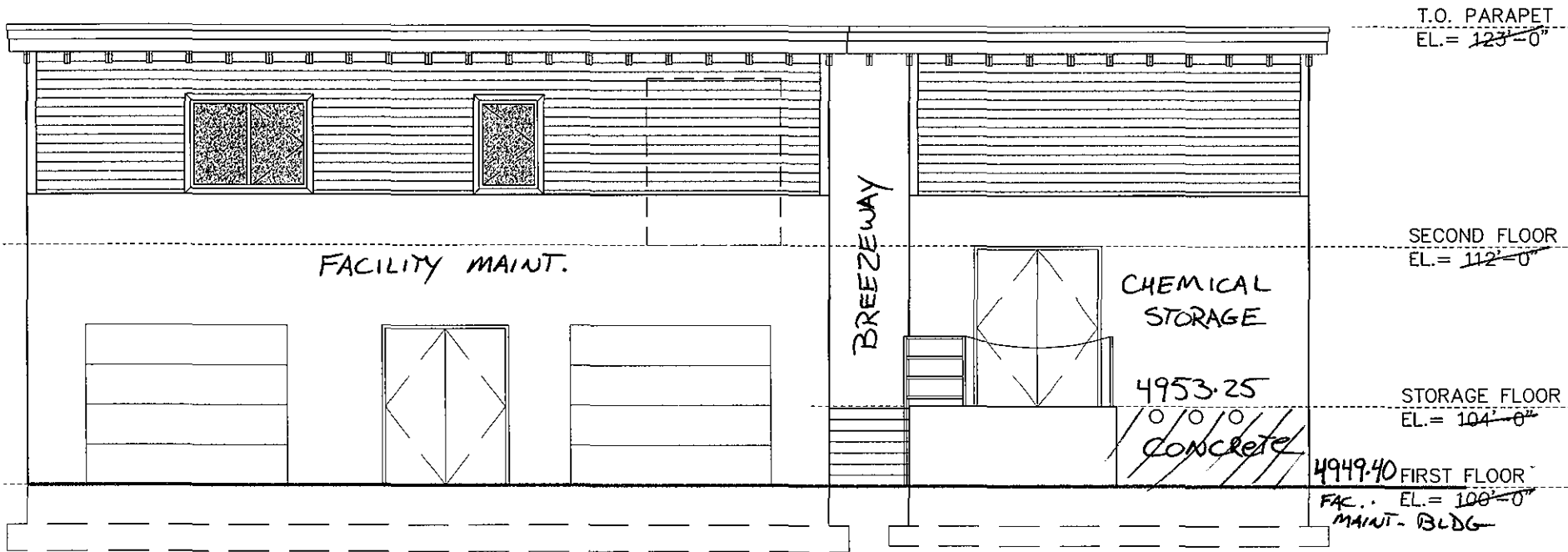
4953.0 ft.(m)

Datum: **NVD 1929**

LOCAL OFFICIAL'S NAME Marsha Hilmes-Robinson	TITLE Floodplain Administrator
COMMUNITY NAME City of Fort Collins, CO	TELEPHONE 970-221-6700
SIGNATURE Marsha Hilmes-Robinson	DATE 10-2-03

COMMENTS **This certificate is only to be used for verifying compliance with development requirement that the chemical storage be elevated ~~to~~ above the 500-year elevation. The building is not in the 100-year floodplain.** Check here if attachments

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NORTH ELEVATION

WTP ELEVATION DETAIL
 NEW BELGIUM BREWERY
 JOB NO. 39067.17
 10 SEP 03
 SHEET 01 OF 01

 **J-R ENGINEERING**
 A Subsidiary of Westrian

2620 East Prospect Road, Suite 190 • Fort Collins, CO 80525
 • Fax 970-491-9984 • www.jrengineering.com