

Post-Construction

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No 3067-007
Expires May 31, 1999

FLOODPROOFING CERTIFICATE
FOR NON-RESIDENTIAL STRUCTURES

Addition
Only

The floodproofing of non-residential buildings may be permitted as an alternative to elevating to or above the Base Flood Elevation; however, a floodproofing design certification is required. This form is to be used for that certification. Floodproofing of a residential building does not alter a community's floodplain management elevation requirements or effect the insurance rating unless the community has been issued an exception by FEMA to allow floodproofed residential basements. The permitting of a floodproofed residential basement requires a separate certification specifying that the design complies with the local floodplain management ordinance.

| | |
|--|---------------------------|
| BUILDING OWNER'S NAME Henry Hersh | FOR INSURANCE COMPANY USE |
| | POLICY NUMBER |
| STREET ADDRESS (Including Apt., Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER 202 E. Vine Drive | COMPANY NAIC NUMBER |
| OTHER DESCRIPTION (Lot and Block Numbers, etc.) | |

| | | |
|--------------------------|----------------|----------|
| CITY Fort Collins, CO | STATE 80524 | ZIP CODE |
|--------------------------|----------------|----------|

SECTION I FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the proper FIRM:

| COMMUNITY NUMBER | PANEL NUMBER | SUFFIX | DATE OF FIRM INDEX | FIRM ZONE | BASE FLOOD ELEVATION (in AO Zones, use depth) |
|------------------|--------------|--------|--------------------|-----------|--|
| 080102 | 0004 | 0031 | 03/18/96 | AE | 4961.3 |

SECTION II FLOODPROOFING INFORMATION (By a Registered Professional Engineer or Architect)

Floodproofing Design Elevation Information:

Building is floodproofed to an elevation of 1491.62.18 feet NGVD. (Elevation datum used must be the same as that on the FIRM.)

Height of floodproofing on the building above the lowest adjacent grade is 13.18 feet.

(NOTE: for insurance rating purposes, the building's floodproofed design elevation must be at least one foot above the Base Flood Elevation to receive rating credit. If the building is floodproofed only to the Base Flood Elevation, then the building's insurance rating will result in a higher premium.)

SECTION III CERTIFICATION (By a Registered Professional Engineer or Architect)


Non-Residential Floodproofed Construction Certification:

I certify that based upon development and/or review of structural design, specifications, and plans for construction that the design and methods of construction are in accordance with accepted standards of practice for meeting the following provisions:

The structure, together with attendant utilities and sanitary facilities, is watertight to the floodproofed design elevation indicated above, with walls that are substantially impermeable to the passage of water.

All structural components are capable of resisting hydrostatic and hydrodynamic flood forces, including the effects of buoyancy, and anticipated debris impact forces.

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.

| | | | |
|--|---|-----------------------|-----|
| CERTIFIER'S NAME S. J. Steinbicker | LICENSE NUMBER (or Affix Seal) 201772 CO | | |
| TITLE Architect | COMPANY NAME Architecture West, LLC | | |
| ADDRESS 748 Hinsdale Drive | CITY Fort Collins, CO | STATE 80526 | ZIP |
| SIGNATURE  | DATE 01-07-2000 | PHONE 970-207-0424 | |

Copies should be made of this Certificate for: 1) community official, 2) insurance agent/company, and 3) building owner.

Pre-construction

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM
FLOODPROOFING CERTIFICATE
FOR NON-RESIDENTIAL STRUCTURES

O M S. No 306 / 00
Expires May 31, 19:

The floodproofing of non-residential buildings may be permitted as an alternative to elevating to or above the Base Flood Elevation, however, a floodproofing design certification is required. This form is to be used for that certification. Floodproofing of a residential building does not alter a community's floodplain management elevation requirements or effect the insurance rating unless the community has been issued an exception by FEMA to allow floodproofed residential basements. The permitting of a floodproofed residential basement requires a separate certification specifying that the design complies with the local floodplain management ordinance.

| | | | |
|--|--|---------------------------|--------------------------|
| BUILDING OWNER'S NAME <u>HANK HERSH</u> | | FOR INSURANCE COMPANY USE | |
| STREET ADDRESS (Including Apt., Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER <u>202 E. VINE DR</u> | | POLICY NUMBER | |
| OTHER DESCRIPTION (Lot and Block Number, etc.) <u>FT COLLINS</u> | | STATE <u>CO</u> | ZIP CODE <u>80524</u> |
| CITY | | | |

SECTION I FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the proper FIRM:

| COMMUNITY NUMBER | PANEL NUMBER | SUFFIX | DATE OF FIRM INDEX | FIRM ZONE | BASE FLOOD ELEVATION (in AO Zones, use depth) |
|------------------|--------------|-------------|--------------------|-----------|--|
| <u>080102</u> | <u>0004</u> | <u>0031</u> | <u>3/18/96</u> | <u>AE</u> | <u>4961.3</u> |

SECTION II FLOODPROOFING INFORMATION (By a Registered Professional Engineer or Architect)

Floodproofing Design Elevation Information:

Building is floodproofed to an elevation of 4.9.42 ⁸ feet NGVD. (Elevation datum used must be the same as that on the FIRM.) *- see plans MARK*

Height of floodproofing on the building above the lowest adjacent grade is 13.8 feet.

(NOTE: for insurance rating purposes, the building's floodproofed design elevation must be at least one foot above the Base Flood Elevation to receive rating credit. If the building is floodproofed only to the Base Flood Elevation, then the building's insurance rating will result in a higher premium.)

SECTION III CERTIFICATION (By a Registered Professional Engineer or Architect)

Non-Residential Floodproofed Construction Certification:

I certify that based upon development and/or review of structural design, specifications, and plans for construction that the design and methods of construction are in accordance with accepted standards of practice for meeting the following provisions:

The structure, together with attendant utilities and sanitary facilities, is watertight to the floodproofed design elevation indicated above, with walls that are substantially impermeable to the passage of water.

All structural components are capable of resisting hydrostatic and hydrodynamic flood forces, including the effects of buoyancy, and anticipated debris impact forces.

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

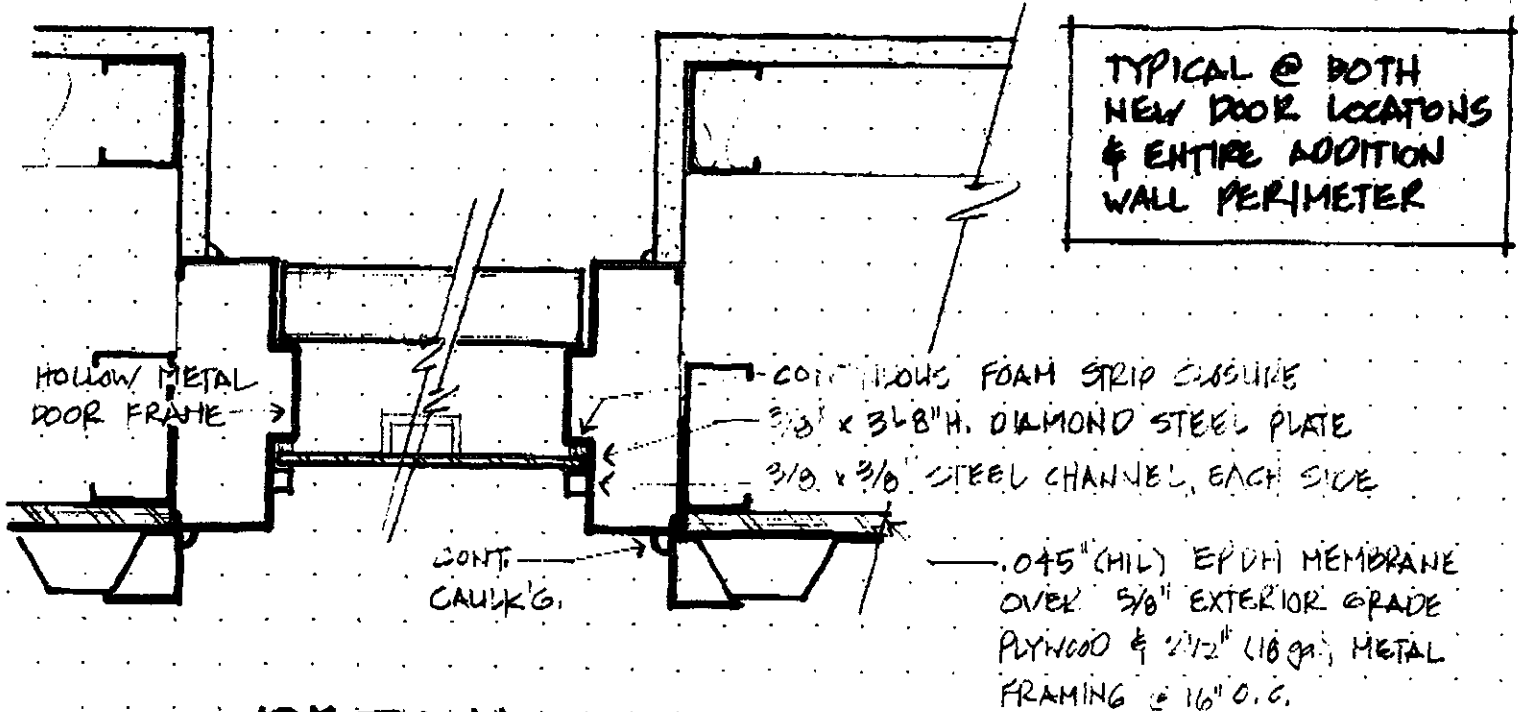
| | | |
|---|---|--------------------------|
| CERTIFIER'S NAME <u>S.J. STEINBICKER</u> | LICENSE NUMBER (or AM# Seal) <u>201772</u> | <u>CO</u> |
| TITLE <u>ARCHITECT</u> | COMPANY NAME <u>ARCHITECTURE WEST LLC</u> | |
| ADDRESS <u>798 HUNTER DR.</u> | CITY <u>FT. COLLINS</u> | STATE <u>CO</u> |
| SIGNATURE <i>[Signature]</i> | DATE <u>1.7.2000</u> | ZIP <u>80526</u> |
| | | PHONE <u>207-0424</u> |



970-207-0424 748 WINSOR DRIVE
970-225-0252 FAX FORT COLLINS, CO 80526

Project Name: HERSH TRUCKING No. _____
Client: 202 EAST VINE DR. Sheet _____ of _____
Subject: FLOOD PROOFING DETAILS / SPECS.
Date: 12-27-99 By: SJS

- Calculations/Detail
- Site Observations
- Preliminary
- Fax
- Meeting Notes
- Telephone Record
- Final
- Original to be mailed
- Original not to be mailed



TYPICAL @ BOTH
NEW DOOR LOCATIONS
& ENTIRE ADDITION
WALL PERIMETER

DETAIL
3" = 1'-0"

MEMBRANE:
EQUAL TO: 'CARLISLE' SURE-SEAL
.045" REINF'D. MEMBRANE

