



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Weck Glaswerk GmbH
5000 Oakes Road, Suite F
Fort Lauderdale ,FL 33314

Your application for Notice of Acceptance (NOA) of:

Glass Blocks

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Raul Rodriguez
Chief Product Control Division

ACCEPTANCE NO.: 01-0411.14
EXPIRES: 07/22/2006

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 06/07/2001

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1** This renews the Notice of Acceptance No. 98-0625.03, which was issued on 07/22/98. It approves Weck Glass Blocks as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County (SFBC) for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the design pressure rating indicated on the approved drawing.

2. PRODUCT DESCRIPTION

- 2.1** **Weck Glass Block** shall be used in strict compliance with the following documents: Drawing No. 94-96, titled "Glass Block Panel Details", prepared by Al-Farooq Corp. dated 12/15/94, with last revision on 06/29/98 Sheet 1 and 2 of 2 bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referenced to as the approved drawings.

3. LIMITATIONS

- 3.1** Glass Blocks are to be used in non-load bearing wall exclusively.

4. INSTALLATION

- 4.1** Weck Glass Blocks shall be installed in strict compliance with the Approved Drawings.
4.2 The installation of this product **will** require a hurricane protection system.

5. LABELING

- 5.1** Each Block shall be permanently labeled with the manufacturer's name or logo and the Miami-Dade County Logo.

6. BUILDING PERMIT REQUIREMENTS

- 6.1** Application for Building Permit shall be accompanied by copies of the following:
6.1.1 This Notice of Acceptance.
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
6.1.3 Any other document required by the Building Official or the SFBC in order to properly evaluate the installation of this product.



Candido Font, PE, Sr. Product Control Examiner
Product Control Division

Weck Glaswerk GmbH

ACCEPTANCE NO: 01-0411.14

APPROVED: JUN 07 2001

EXPIRES: 07/22/2006

NOTICE OF ACCEPTANCE STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.



Candido Font, PE, Sr. Product Control Examiner
Product Control Division

END OF THIS ACCEPTANCE

Weck Glaswerk GmbH

ACCEPTANCE NO: 01-0411.14

APPROVED: JUN 07 2001

EXPIRES: 07/22/2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS
(For File ONLY. Not part of NOA)

A DRAWINGS

1. Drawing prepared by Al-Farooq Corporation titled "Glass Block Panel Details", Drawing No. 94-96, dated 12/15/94, with latest revision on 06/29/98, Sheets 1 and 2 of 2, signed and sealed by H. Farooq, PE

B TEST

1. Test Report on Uniform Static Air Pressure Test "Glass Blocks", prepared by Miami Testing Laboratory Report #94-0128.01, dated 10/10/94 and 04/01/95, signed and sealed by David Ober, PE

C CALCULATIONS N/A

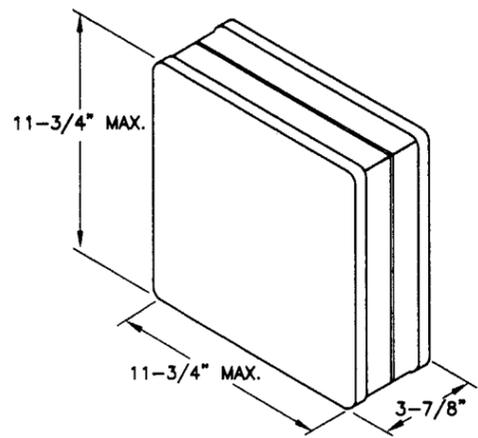
D MATERIAL CERTIFICATION N/A

E STATEMENT

1. Manufacturer/Distributor Agreement between Weck Glass Werk GmbH in 5300 Bonn-Duisdorf and Weck Glass Werk GmbH in Ft. Lauderdale, Fl. 33314 notarized by Judy L. Simon on 11/04/94.
2. No Change letter issued by Weck Glaswerk GmbH on 04/06/2001, signed by R. J. Bushong.

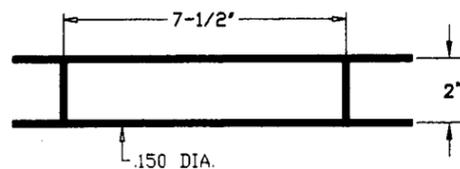


Candido Font, PE, Sr. Product Control Examiner
Product Control Division



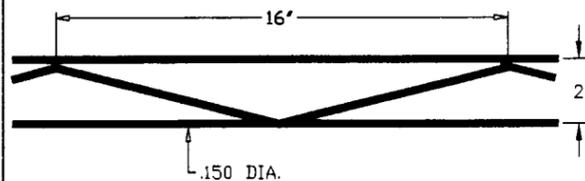
GLASS BLOCK

PARTIALLY EVACUATED HOLLOW UNITS FORMED AND PERMANENTLY SEALED BY HEAT FUSING TWO HALVES OF PRESSED GLASS TOGETHER APPROVED MODELS SHOWN ON TABLE



HORIZONTAL LADDER REINFORCING

2" W X 10' L
9 GAUGE GALVANIZED STEEL SIDE RODS & CROSS RODS, CROSS RODS @ 7-1/2" O.C.
SEE NOTE # 4



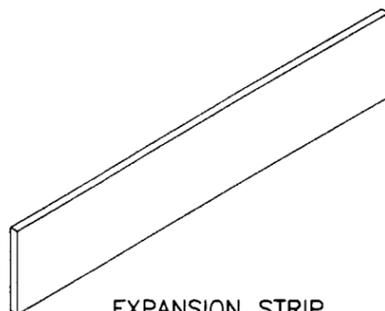
HORIZONTAL TRUSS REINFORCING

2" W X 10' L
9 GAUGE GALVANIZED STEEL RODS
SEE NOTE # 4



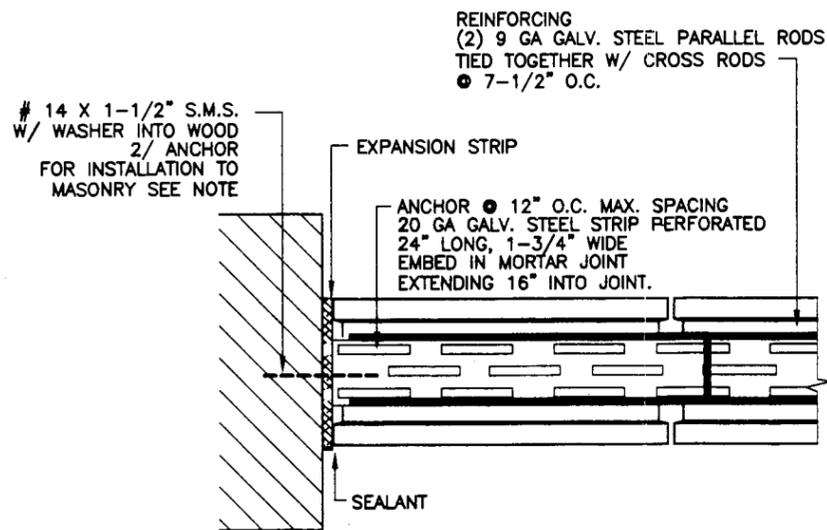
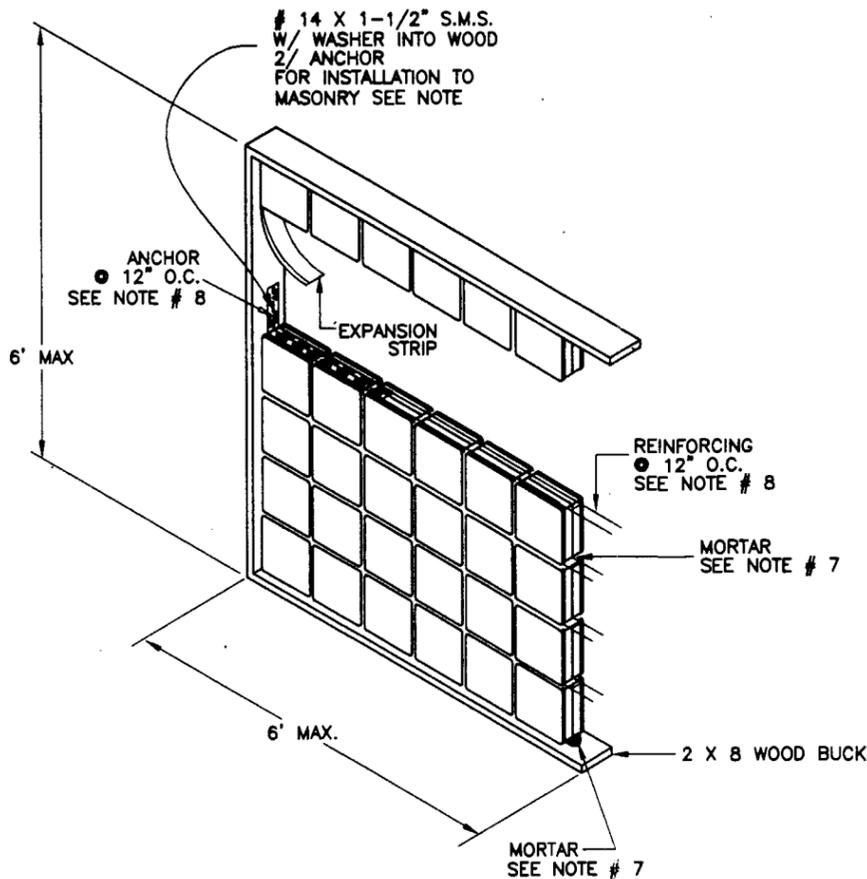
WALL TIES/PANEL ANCHORS

20 GA. GALVANIZED STEEL
24" LONG, 1-3/4" WIDE
SEE NOTE # 6



EXPANSION STRIP

POLYETHYLENE PLASTIC
3/8" THICK, 24" LONG, 3-1/8" WIDE
SEE NOTE # 5



JAMB DETAIL

INSTALLATION TYPE 1

TWO SIDE SUPPORT WITH LADDER REINFORCING
PANELS TIED AT JAMBS ONLY

MAX. DESIGN LOAD = + 62 PSF
= - 62 PSF

MODELS	SIZES	COLOR
NUBIO & CLARITY	4" X 8" X 3-7/8"	CLEAR
NUBIO & CLARITY	6" X 6" X 3-7/8"	CLEAR
NUBIO & CLARITY	8" X 8" X 3-7/8"	CLEAR & GOLDTONE
NUBIO & CLARITY	12" X 12" X 3-7/8"	CLEAR
AKTIS, FORTRESS & SPRAY	8" X 8" X 3-7/8"	CLEAR
X RIB	6" X 6" X 3-7/8"	CLEAR
X RIB	8" X 8" X 3-7/8"	CLEAR
X RIB	12" X 12" X 3-7/8"	CLEAR

GENERAL NOTES

- THIS STRUCTURE IS DESIGNED AS PER THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR DADE COUNTY. ALSO FOR WIND LOADS AS PER ASCE 7-88 USING CORRESPONDING LOADS.
- GLASS BLOCK STRUCTURES ARE NON-LOAD BEARING. ADEQUATE PROVISION MUST BE MADE FOR SUPPORT OF CONSTRUCTION ABOVE GLASS BLOCK PANELS.
- PROVISION FOR EXPANSION AND MOVEMENT MUST BE MADE AT JAMBS AND HEADS OF ALL PANELS. MORTAR MUST NOT BRIDGE EXPANSION SPACES.
- PANEL REINFORCING SHALL BE OF GALVANIZED STEEL DOUBLE-WIRE FORMED OF TWO PARALLEL 9-GAUGE WIRES 2" O.C. WITH ELECTRICALLY WELDED CROSS WIRES AT REGULAR INTERVALS.
- EXPANSION STRIPS SHALL BE GLASS FIBER OR POLYETHYLENE.
- PANEL ANCHORS SHALL BE 20-GAUGE PERFORATED STEEL STRIPS 24" LONG BY 1-3/4" WIDE GALVANIZED AFTER PERFORATING.
- GLASS BLOCK SHALL BE LAID IN ONLY TYPE 'M' OR 'S' MORTAR PER ASTM C270. BOTH VERTICAL AND HORIZONTAL MORTAR JOINTS SHALL BE AT LEAST ONE-QUARTER AND NOT MORE THAN THREE-EIGHTHS INCH THICK AND SHALL BE COMPLETELY FILLED.
- PANEL ANCHORS AND REINFORCEMENT SHALL BE SPACED AT A MAXIMUM OF 12" O.C. VERTICAL ANCHORS ARE REQUIRED ON INSTALLATIONS TYPE 3.

PANEL CONNECTION TO MASONRY:

- USING WOOD BUCKS:
WITH 1/4" Ø TAPCONS 1-1/4" EMBED.
- DIRECT USING WALL TIES:
WITH 3/16" Ø TAPCONS 1-1/4" EMBED.

FOR NUMBER OF FASTENERS REQUIRED PER ANCHOR SEE DETAILS

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

JUN 30 1998

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE

DATE July 22 19 98

BY [Signature]
PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98-0625.03

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
BLOCKS 94-96GMI

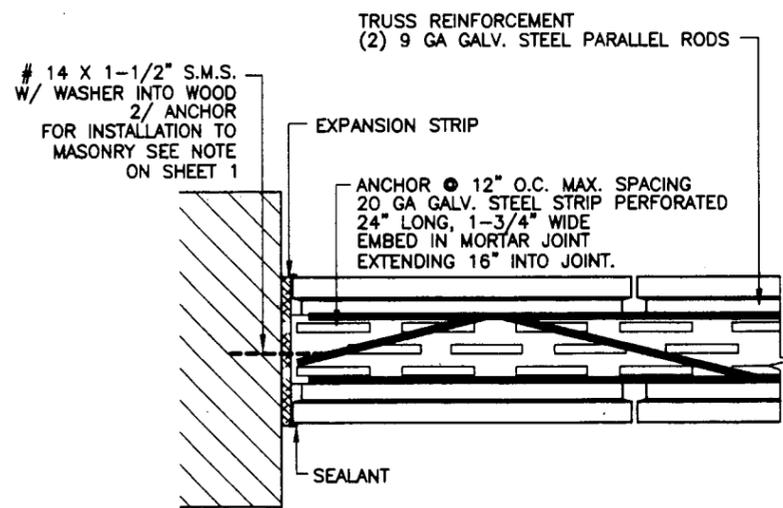
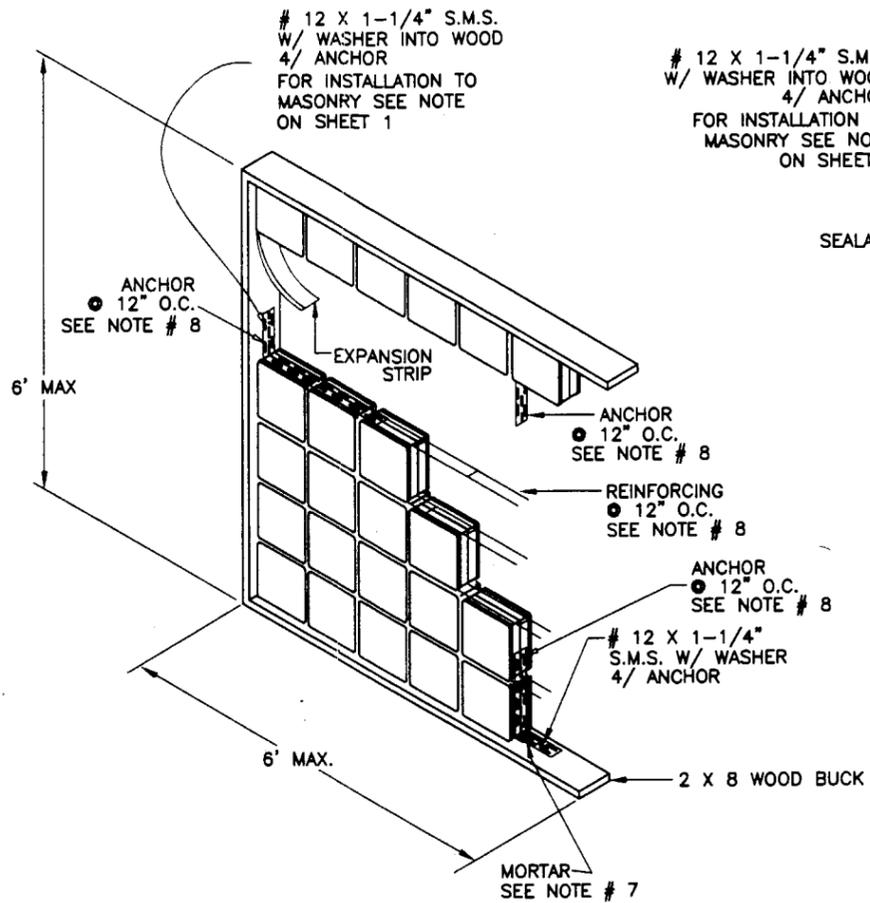
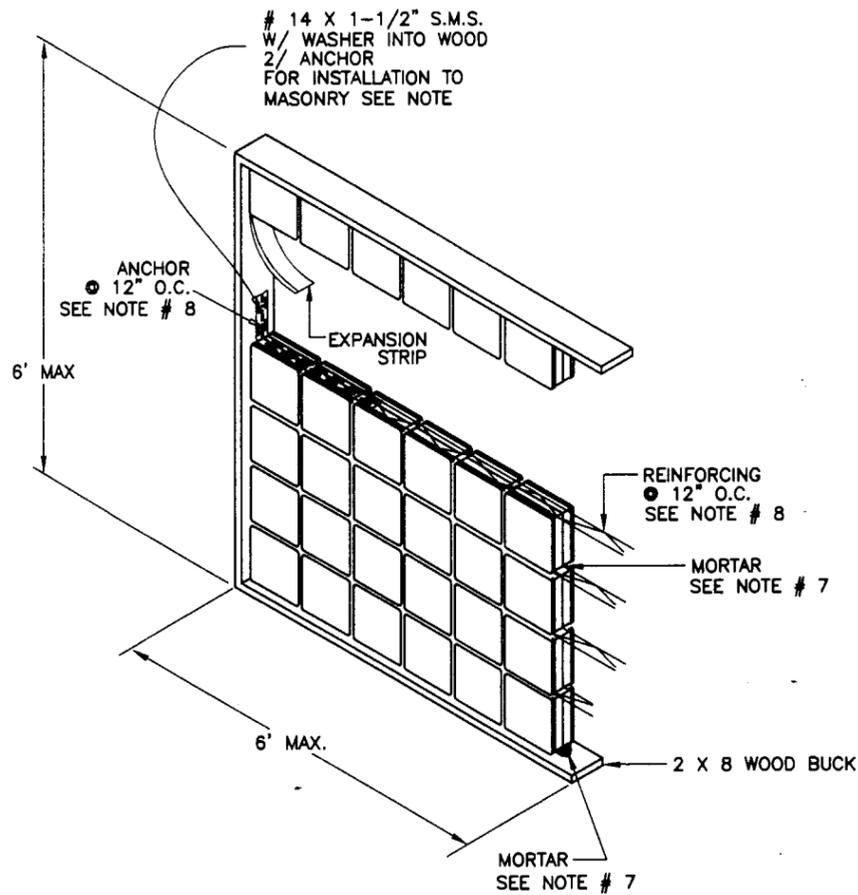
GLASS BLOCK PANEL DETAILS
GLASS MASONRY INC.
5000 OAKES ROAD # F
FT. LAUDERDALE, FL. 33314
TEL. (954) 584-8774 FAX. (954) 584-8824

no	date	description
A	6.19.95	T.H. ANCHORS REVISED
B	6.29.98	GENERAL REVISION

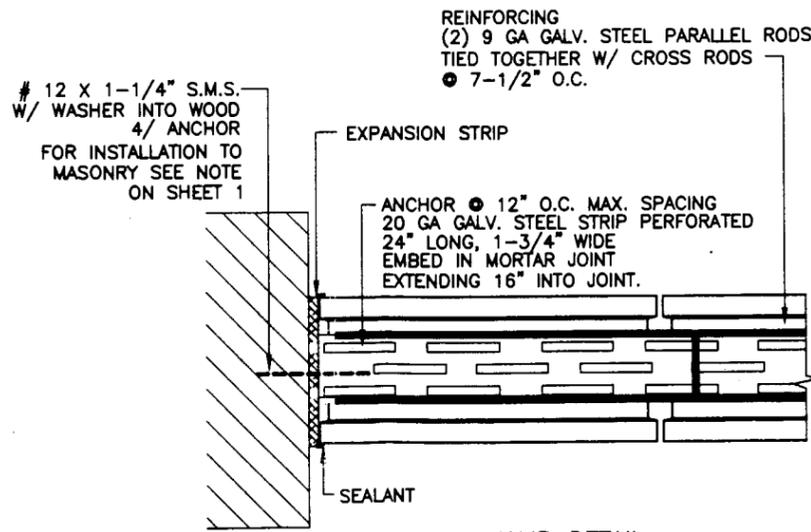
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dr. by: HAMID
chk. by:

drawing no.
94-96

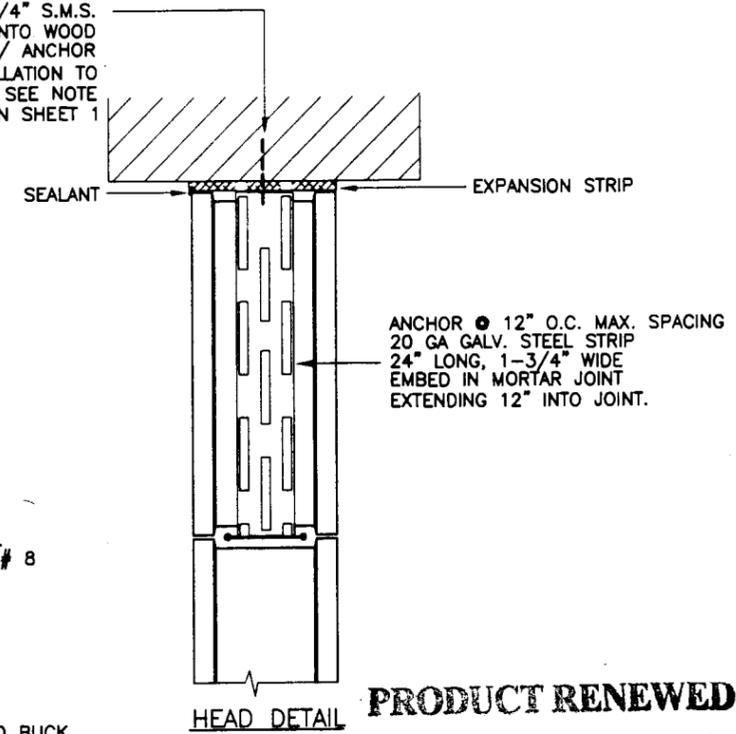
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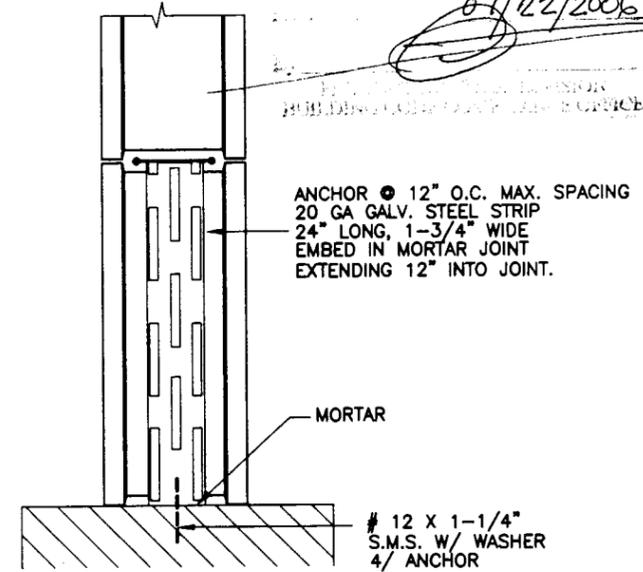
JAMB DETAIL



JAMB DETAIL



HEAD DETAIL **PRODUCT RENEWED**



SILL DETAIL

INSTALLATION TYPE 2

TWO SIDE SUPPORT WITH TRUSS REINFORCING
PANELS TIED AT JAMBS ONLY

MAX. DESIGN LOAD = + 62 PSF
= - 62 PSF

INSTALLATION TYPE 3

FOUR SIDE SUPPORT WITH LADDER REINFORCING
PANELS TIED AT JAMBS, HEAD AND SILL

MAX. DESIGN LOAD = + 85 PSF
= - 85 PSF

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE

DATE July 22 19 98

BY [Signature]

PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98-0625-03

JUN 30 1998

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

GLASS BLOCK PANEL DETAILS

GLASS MASONRY INC.
5000 OAKES ROAD # F
FT. LAUDERDALE, FL. 33314
TEL (954) 584-8774 FAX (954) 584-8824

no	date	description

date: 12-15-94
scale: NONE
dr. by: HAMID
chk. by:

drawing no.
94-96

sheet 2 of 2

BLOCKS\94-96GMI