



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

Arrow Group Industries, Inc.
1101 N. 4th Street
Breese, IL 62230

Your application for Notice of Acceptance (NOA) of:

Cold Formed Steel Utility Sheds

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.

ACCEPTANCE NO.: 01-0430.04
EXPIRES: 08/24/2006

Raul Rodriguez
Chief Product Control Division

**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: 06/14/2001



Arrow Group Industries, Inc.

ACCEPTANCE No. : 01-0430.04

APPROVED : 06/14/2001

EXPIRES : 08/24/2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

This renews the Notice of Acceptance No. 98-0113.03, which was issued on August 24, 1998. It approves Cold-Formed Steel Utility Sheds, 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, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

This Cold-Formed Steel Utility Sheds and its components shall be constructed in strict compliance with the following documents: Drawing No. S1, S2, and S3, titled "6' x 5', 8' x 6', 8' x 8', & 10' x 8' Utility Sheds", prepared by R. T. Wharton, P.E., dated December 12, 1997, last revision #1 dated July 13 (sheets S1& S3) and July 14 (sheet S2), 1998, total 3 sheets, bearing the Miami-Dade County Product Control approval and renewal stamps with the Notice of Acceptance numbers and approval dates by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

All permanent set components, included but not limited to embedded anchor bolts must be protected against corrosion, contamination and damage at all time.

4. INSTALLATION

This Cold-Formed Steel Utility Sheds and its components shall be installed in strict compliance with the approved drawings. This Cold-Formed Steel Utility Sheds shall not be installed within 1500 feet of the shoreline.

5. LABELING

Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved".

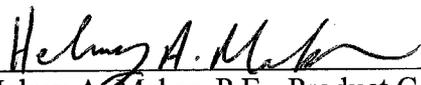
6. BUILDING PERMIT REQUIREMENTS

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 documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.



Helmy A. Makar, P.E.- Product Control Examiner
Product Control Division

Arrow Group Industries, Inc.

ACCEPTANCE No. : 01-0430.04

APPROVED : 06/14/2001

EXPIRES : 08/24/2006

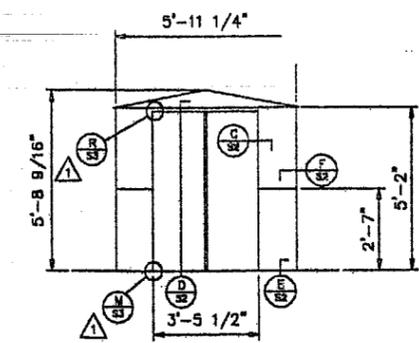
NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, 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 purposes.
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 needs 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.

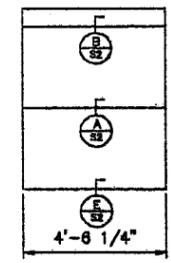
END OF THIS ACCEPTANCE



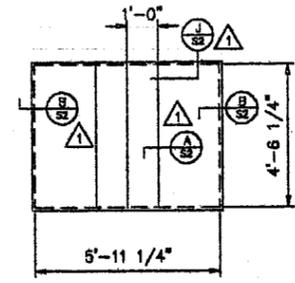
Helmy A. Makar, P.E.- Product Control Examiner
Product Control Division



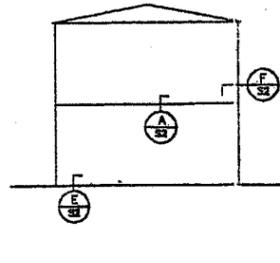
FRONT ELEVATION



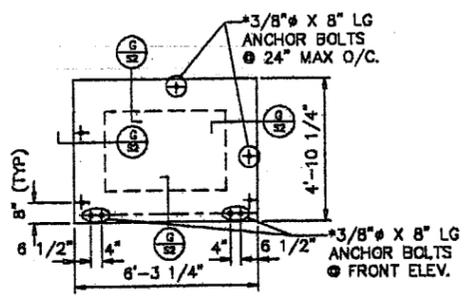
SIDE ELEVATION



ROOF PLAN



REAR ELEVATION



FOUNDATION PLAN

6' X 5' BUILDING

NOTES:

DESIGN CRITERIA:

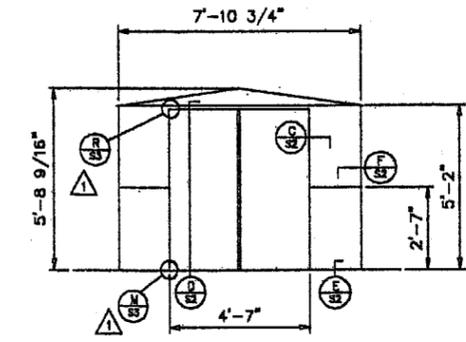
SOUTH FLORIDA BUILDING CODE
ASCE 7-88 (WIND LOADS ONLY)

LOADS:

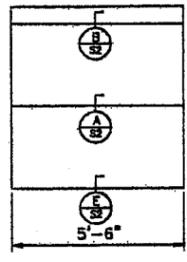
DEAD LOADS: ACTUAL LOADS
LIVE LOADS: 15 PSF
WIND LOADS: 75 MPH PER ASCE 7-88

MATERIALS:

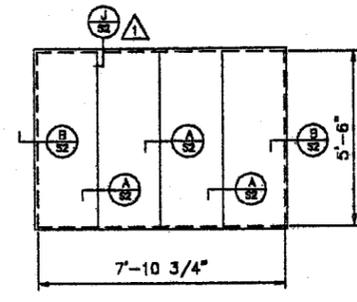
PANELS: ASTM A625-76, Fy = 50 KSI
CHANNELS & OTHER MEMBERS: ASTM A527-80, Fy = 55 KSI
BOLTS & SCREWS: ASTM A1018, Fy = 30 KSI
ANCHOR BOLTS: ASTM A-307
REINFORCING STEEL: ASTM A-615, GRADE 40
CONCRETE: 2,000 PSI AT 28 DAYS



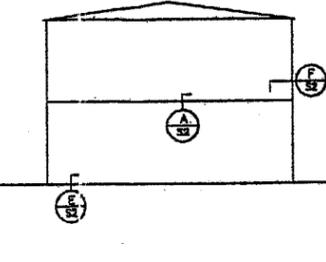
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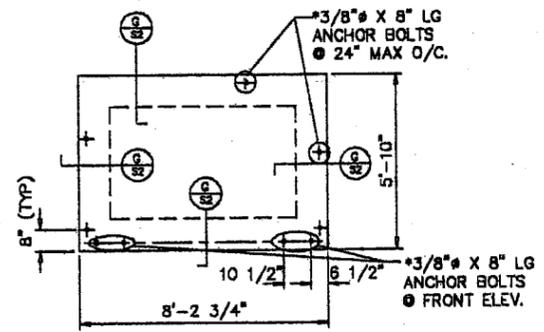
SIDE ELEVATION



ROOF PLAN

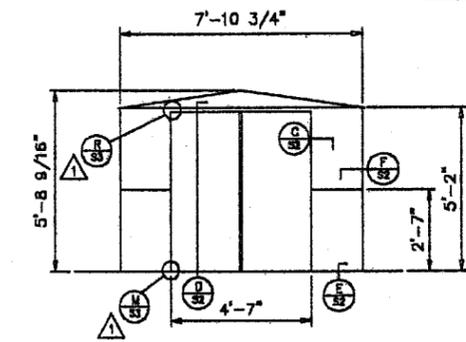


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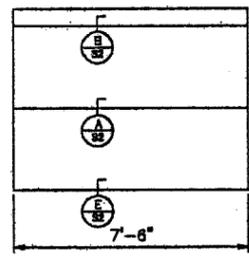


FOUNDATION PLAN

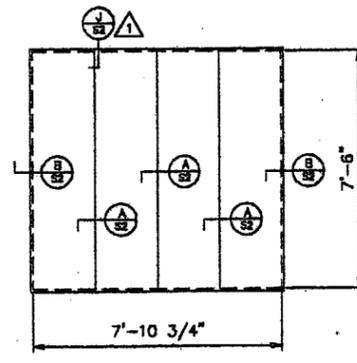
8' X 6' BUILDING



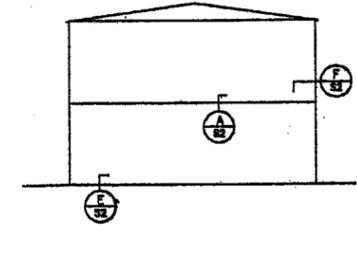
FRONT ELEVATION



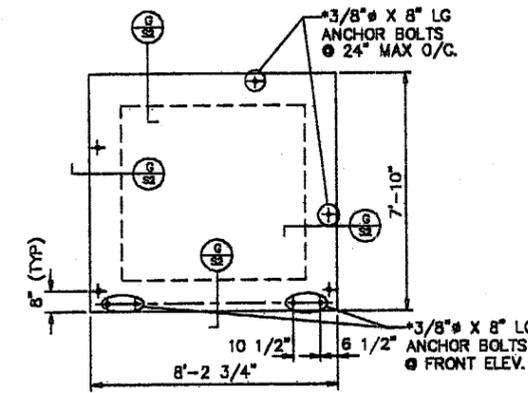
SIDE ELEVATION



ROOF PLAN

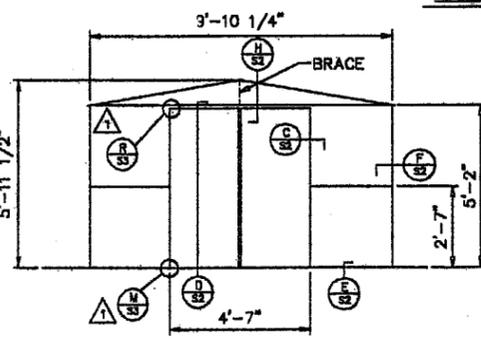


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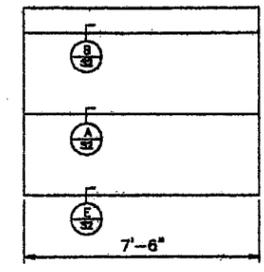


FOUNDATION PLAN

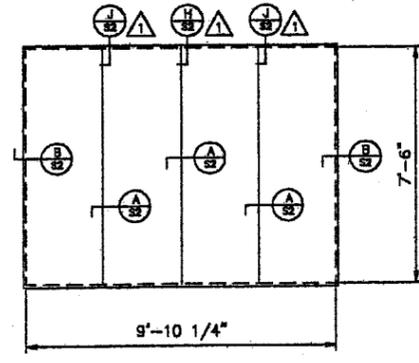
8' X 8' BUILDING



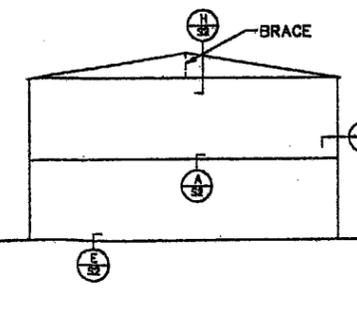
FRONT ELEVATION



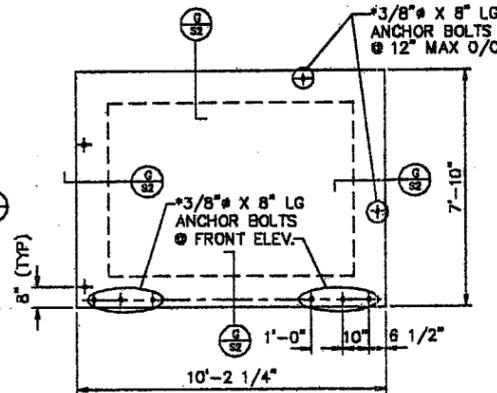
SIDE ELEVATION



ROOF PLAN



REAR ELEVATION



FOUNDATION PLAN

10' X 8' BUILDING

PRODUCT RENEWED

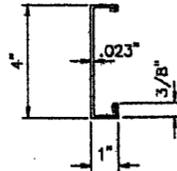
ACCEPTANCE No. 01-0430.04
EXPIRATION DATE 08/24/2006
By *Heather A. Malar*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

* ALTERNATE ANCHOR: HILTI KWIK BOLT II,
3/8" X 5" LG CONCRETE ANCHOR W/
2 1/2" EMBEDMENT, METRO DADE COUNTY
ACCEPTANCE #93-0224.04.

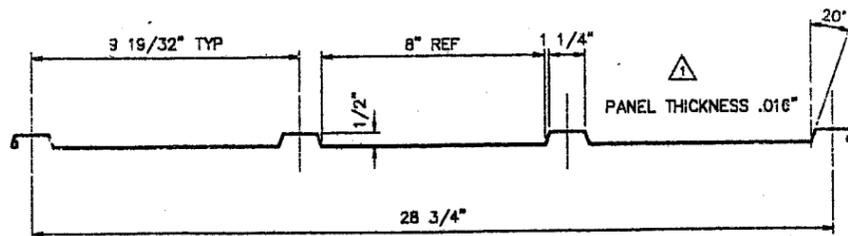
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE August 24 19 98
BY *Heather A. Malar*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98-0430.03

1	7-13-98	DADE COUNTY REVISIONS	JWV
NO.	DATE	REVISION	BY
SHEET TITLE: PLANS & ELEVATIONS			SCALE: 3/8" = 1'-0"
PROJECT: 6' X 5', 8' X 6', 8' X 8' & 10' X 8' UTILITY SHEDS			DRAWN BY: JWV
			DATE: 12-12-97
ARROW GROUP INDUSTRIES 1101 N. 4TH STREET BREESE, IL 62230 (618) 526-4546			DRAWING NO.: S1

JUL 17 1998

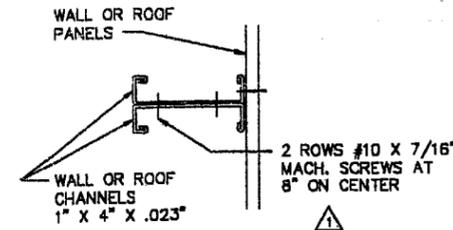


CHANNEL

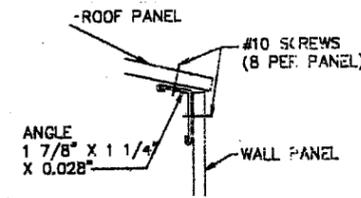


TYPICAL WALL PANEL

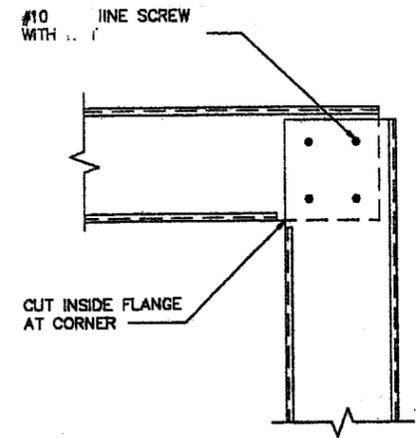
NOTE: PANEL WIDTH VARIES



SECTION A

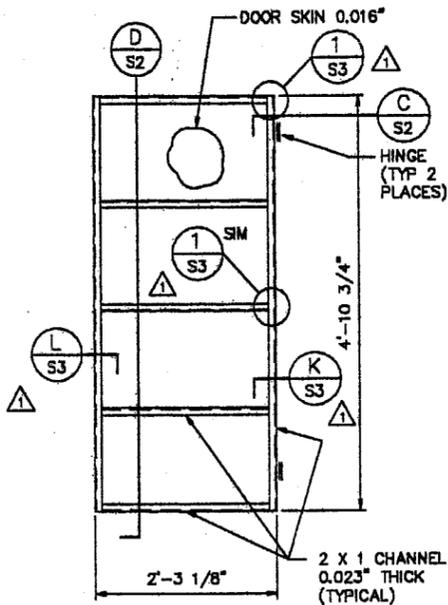


SECTION B

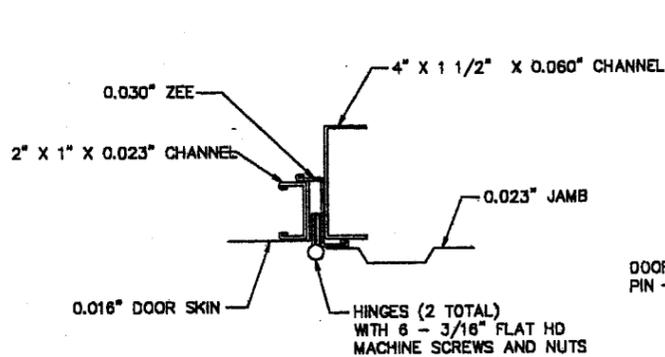


WALL CHANNEL CORNER CONNECTION

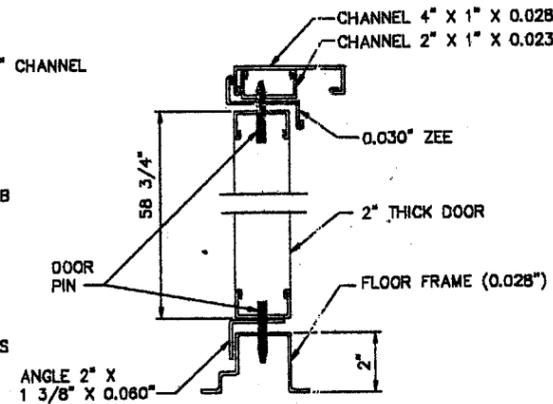
SECTION F



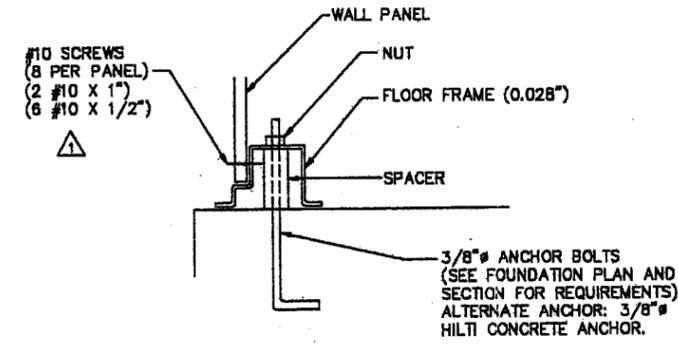
DOOR ELEVATION



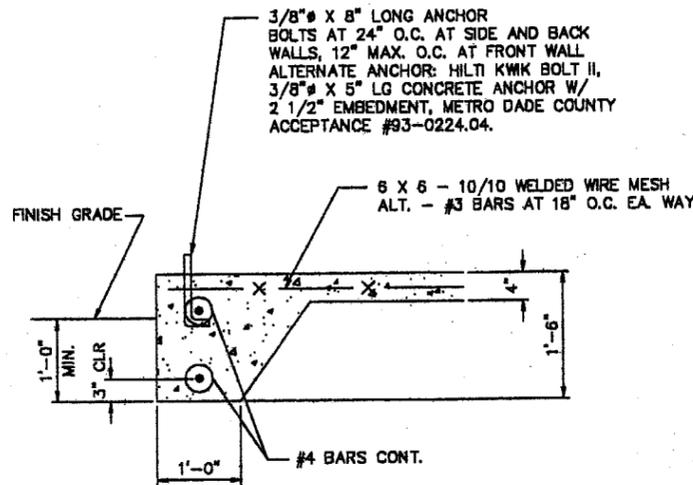
SECTION C



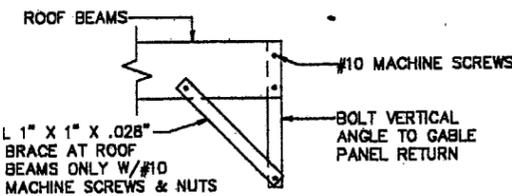
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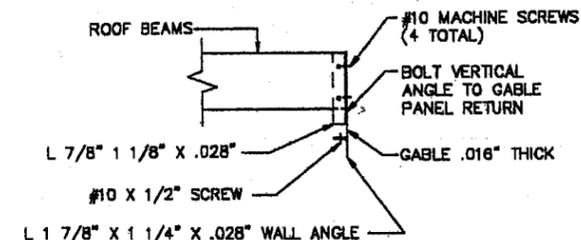
SECTION E



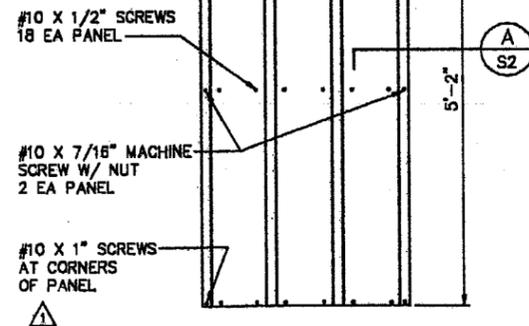
SECTION G



SECTION H



SECTION J



TYPICAL PANEL FASTENER ELEVATION

PRODUCT RENEWED

ACCEPTANCE No. 01-0430.04

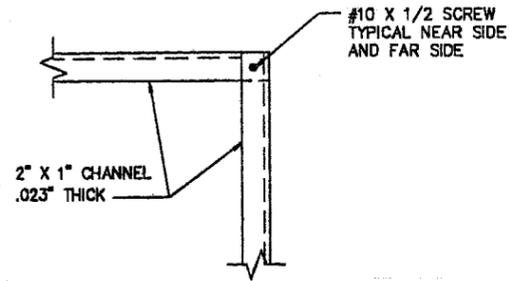
EXPIRATION DATE 08/24/2006

By Helmut A. Mohr
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE August 24 1998
 BY Helmut A. Mohr
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 980113-03

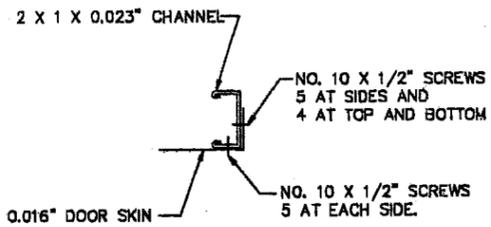
NO.	DATE	REVISION	BY
1	7-14-98	DADE COUNTY REVISIONS	JCVD
SHEET TITLE: SECTIONS & DETAILS			
PROJECT: 6' X 5', 8' X 6', 8' X 8' & 10' X 8' UTILITY SHEDS			SCALE: NONE
DRAWN BY: JCVD			DATE: 12-12-97
ARROW GROUP INDUSTRIES 1101 N. 4TH STREET BREESE, IL 62230 (618) 526-4546			DRAWING NO. S2

869171798 JUL 17 1998



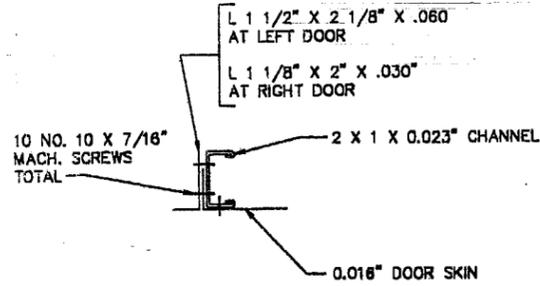
DETAIL

1
S3



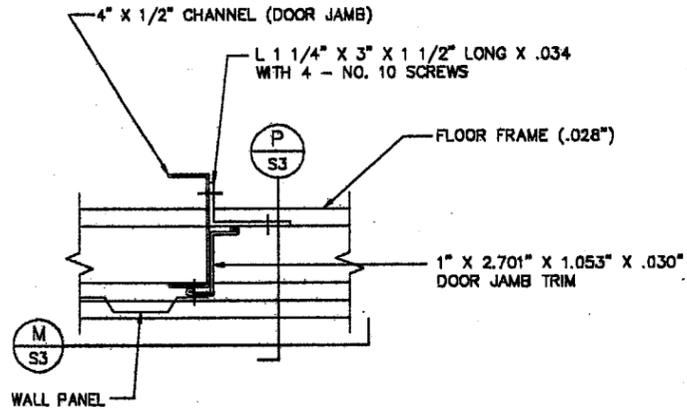
SECTION

K
S3



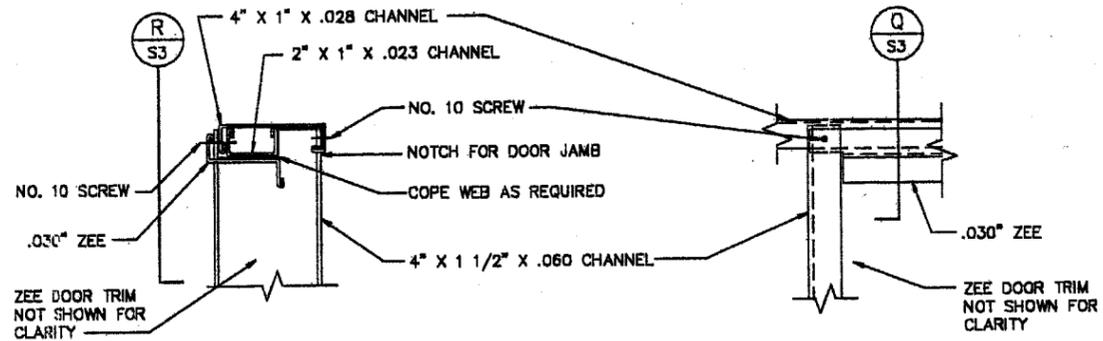
SECTION

L
S3



SECTION

N
S3

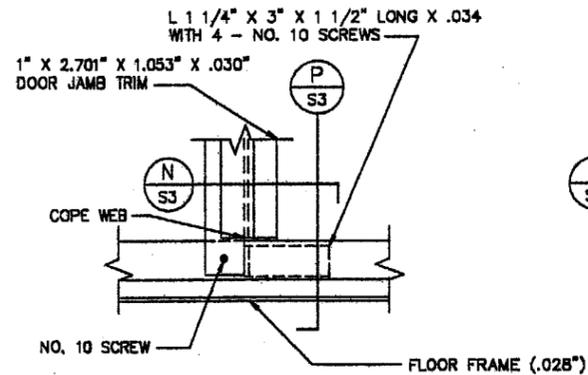


SECTION

Q
S3

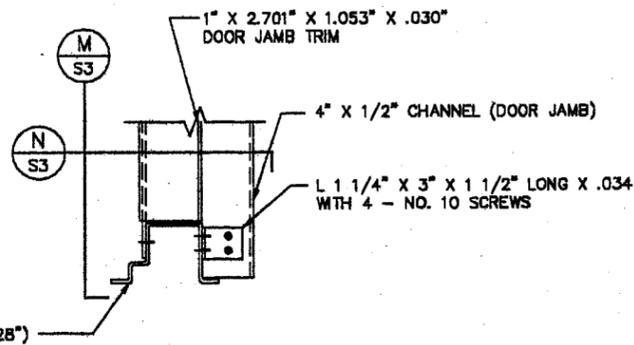
SECTION

R
S3



SECTION

M
S3



SECTION

P
S3

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE August 24, 2006
BY Helmut A. Mahr
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98 0113-03

980113-03
JUL 17 1998

PRODUCT RENEWED

ACCEPTANCE No. 01-0430.04

EXPIRATION DATE 08/24/2006

By Helmut A. Mahr
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

NO.	DATE	REVISION	BY
1	7-13-98	NEW DRAWING - DADE COUNTY REQUIREMENTS	JCVD
SHEET TITLE: SECTIONS & DETAILS			SCALE: NONE
PROJECT: 6' X 5', 8' X 6', 8' X 8' & 10' X 8' UTILITY SHEDS			DRAWN BY: JCVD
			DATE: 12-12-97
ARROW GROUP INDUSTRIES 1101 N. 4TH STREET BREESE, IL 62230 (618) 526-4546			DRAWING NO. S3