



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

Welbilt Walks-Ins, LP dba KYSOR PANEL SYSTEMS
4201 Janada Street
Ft. Worth ,TX 76117

Your application for Notice of Acceptance (NOA) of:

Walk-In Cooler & Freezers

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.: 01-1115.02

EXPIRES: 01/07/2007

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: 01/24/2002

APPROVED: January 24, 2002

EXPIRES: January 7, 2007

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This **renews** Notice of Acceptance (NOA) No. **98-0518.03**, which was issued on January 7, 1999. It renews the approval of a Galvanized Steel Sheathed Polyurethane Foam Filled Modular Panel Walk-in Coolers / Freezers, as described in Section 2 of this NOA, designed to comply with the South Florida Building Code (SFBC), 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

2.1 The **Galvanized Steel Sheathed Polyurethane Foam Filled Modular Panel Walk-in Coolers / Freezers** and its components shall be constructed in strict compliance with the following document: Drawing No **98-18**, Sheets 1 through 6 of 6, titled "Walk-in Coolers and Freezer," prepared by Al Farooq Corporation, dated 4/27/98 and revised on 12/14/98, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control renewal stamp with the NOA number and expiration date by the Miami-Dade County Product Control Division. This document shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

3.1 All permanent set components must be protected against corrosion, contamination and damage at all times.

4. INSTALLATION

4.1 The Galvanized Steel Sheathed Polyurethane Foam Filled Modular Panel Walk-in Coolers / Freezers must be installed in strict compliance with the approved drawings.

5. LABELING

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

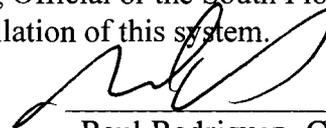
6. BUILDING PERMIT REQUIREMENTS

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.



Raul Rodriguez, Chief
Product Control Division

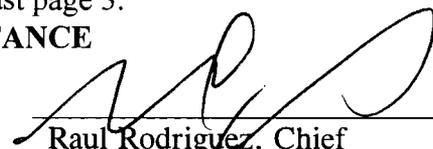
APPROVED: January 24, 2002

EXPIRES: January 7, 2007

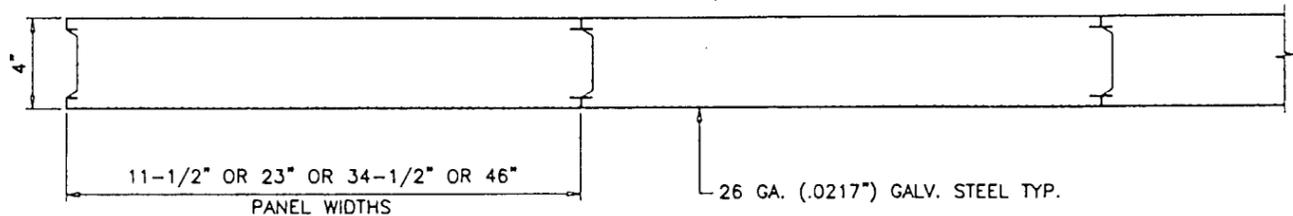
NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

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.

END OF THIS ACCEPTANCE

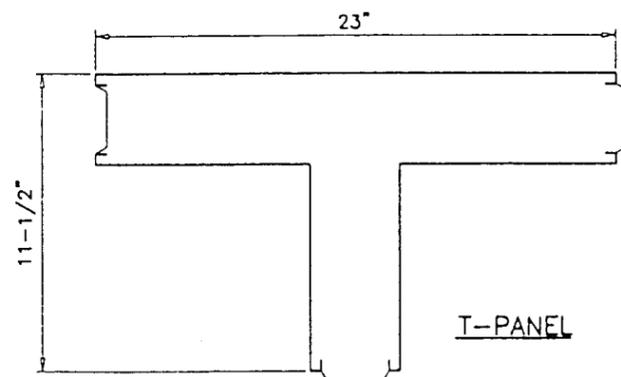


Raul Rodriguez, Chief
Product Control Division

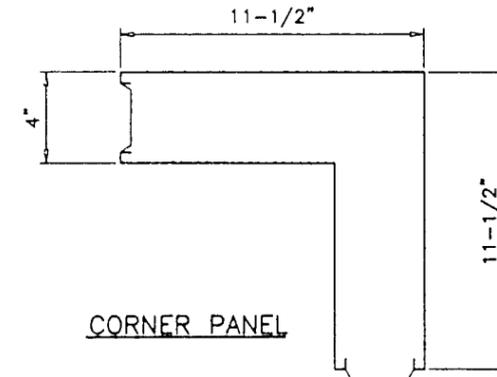


KYSOR STRUCTURAL STEEL/FOAM PANELS

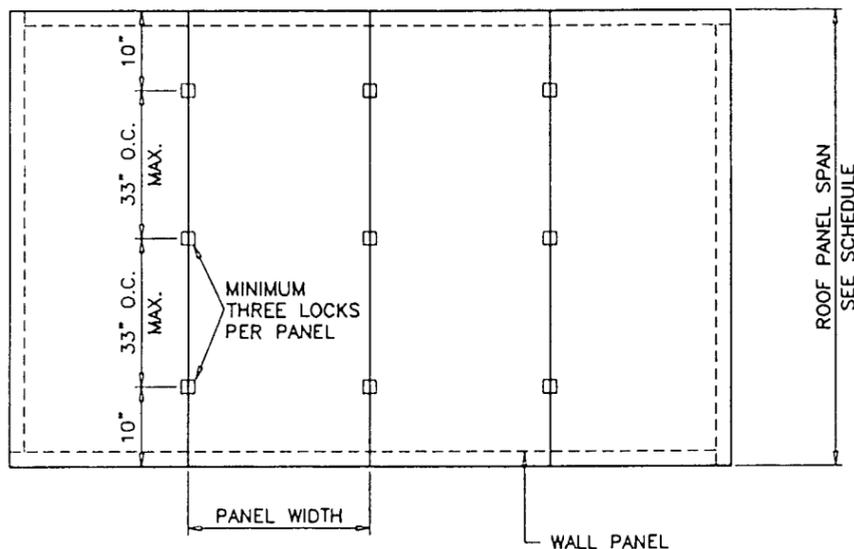
SCALE: 1/8" = 1"



T-PANEL



CORNER PANEL



ROOF PLAN

SCALE: 1/4" = 1'-0"

WALL PANELS-SINGLE SPAN $\Delta = L/180$	
DESIGN WIND LOAD	ALLOWABLE SPAN
30 PSF	12'-8"
40 PSF	11'-6"
50 PSF	10'-8"
60 PSF	10'-0"

ROOF PANELS-SINGLE SPAN $\Delta = L/240$	
DESIGN WIND LOAD	ALLOWABLE SPAN
30 PSF	10'-0"
40 PSF	10'-0"
50 PSF	9'-8"
60 PSF	9'-1"

FOR LIVE LOAD 30 PSF, MAXIMUM SPAN = 10'-0"
USE SMALLER SPAN ALLOWED BY WIND OR LIVE LOAD

MAX. RACKING LOAD = 1200 Lbs./LIN. FT. OF PANEL LENGTH
COMPRESSION LOAD = 650.0 Lbs./LIN. FT. OF PANEL WIDTH

SHEET #	INDEX OF DRAWING
1 TO 3	SHOWS TYPICAL PANEL/DOOR ELEV. & DETAILS
4	SHOWS BEAM AND COLUMN CONNECTION DETAILS
5 & 6	SHOWS ADDITIONAL DETAILS FOR VARIOUS COOLERS/FREEZERS ARRANGEMENTS

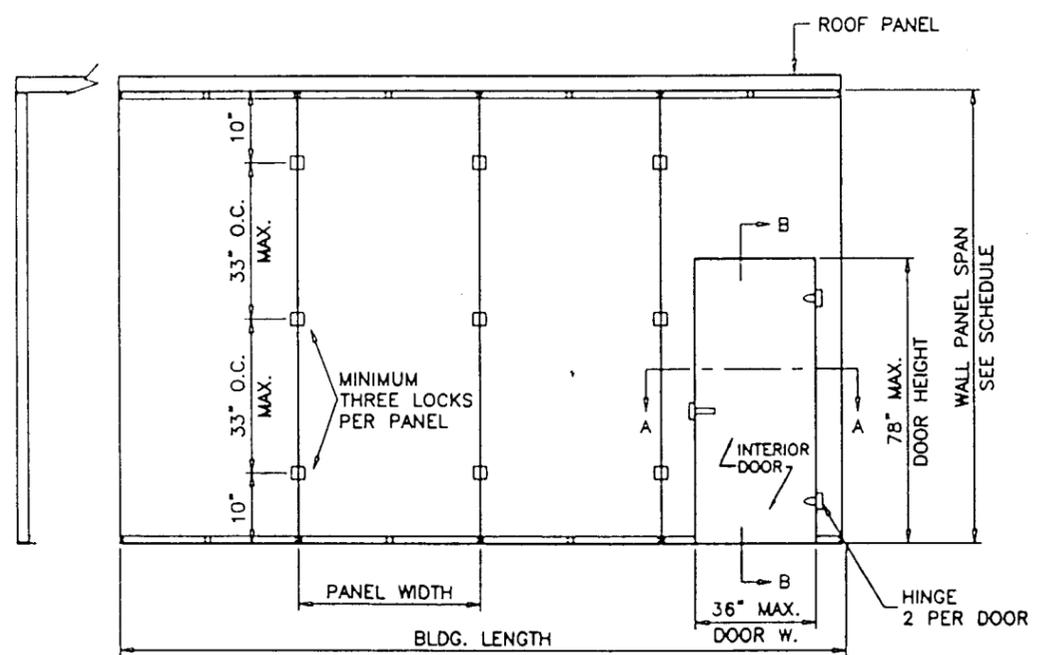
GENERAL NOTES

- 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.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM DESIGNATION A-36 AND STEEL SHEET SHALL CONFORM TO ASTM DESIGNATION A-653, GALVANIZED WITH A COATING DESIGNATION OF G90. MIN. Y.S. = 48,380 PSI.
- ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
- ELECTRICAL AND MECHANICAL DETAILS ARE NOT PART OF THIS APPROVAL.
- POLYURETHANE SHALL BE RIGID FOAM MIN. DENSITY #2 C.F.
- MAX. FLAME SPREAD RATING = 15 AS PER ASTM E-84. SMOKE DEVELOPED INDEX = 125. SPONTANEOUS-IGNITION TEMPERATURE = 743°F.
- ALL STEEL TO BE SHOP PRIMED BEFORE ASSEMBLY.
- DISSIMILAR MATERIALS IN CONTACT WITH EACH OTHER SHALL BE PROTECTED IN ACCORDANCE WITH S.F.B.C. CHAPTER 30, SECTION 3004.4.
- MIN. SOIL BEARING CAPACITY = 2500 PSF.

DESIGN LOADS SHALL BE CALCULATED AS PER REQUIREMENTS OF ASCE 7-88, BASED ON 110 MPH WIND VELOCITY.

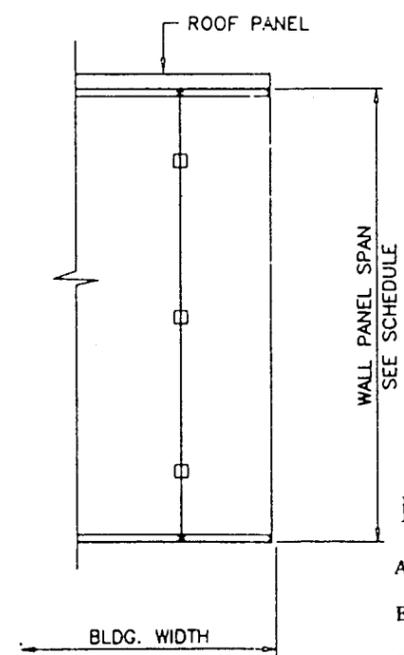
NOTE: COOLERS/FREEZERS LARGER THAN 400 SQ. FT. IN AREA SHALL BE EQUIPPED WITH AN APPROPRIATE FIRE SUPPRESSION SYSTEM, AS REQUIRED BY THE SFBC SUBSECTION 3505.3 (b) 2.

NOTE: THE MAX. LENGTH OF BUILDING SHOULD NOT EXCEED TWO TIMES THE WIDTH OF THE BUILDING. FOR BUILDING LENGTHS GREATER THAN TWO TIMES WIDTH INTERIOR DIAPHRAGM WALL WILL BE PROVIDED.



FRONT ELEVATION

SCALE: 1/4" = 1'-0"



SIDE ELEVATION

SCALE: 1/4" = 1'-0"

PRODUCT RENEWED

ACCEPTANCE No. 01-1115.02
EXPIRATION DATE January 7, 2007
By [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
DEC 15 1998

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE January 07, 1999
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98-0518-03

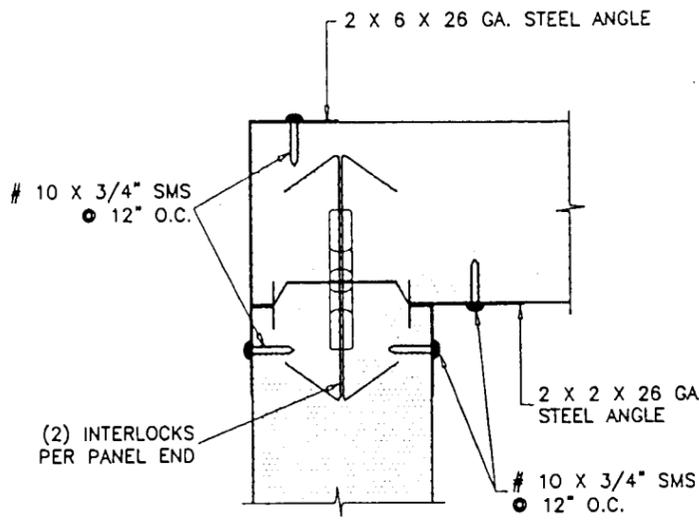
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COOLER 98-18KPS

WALK-IN COOLERS AND FREEZERS
KYSOR PANEL SYSTEMS
4201 JANADA STREET
FORT WORTH, TEXAS 76117
TEL. (800) 633-3426 FAX. (817) 281-5521

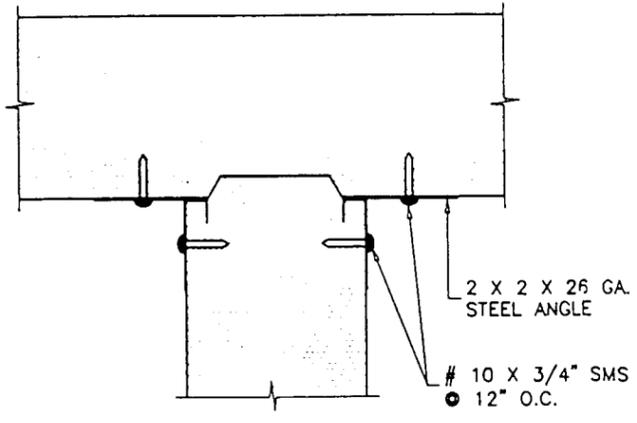
no.	date	by	description
A	8.15.98		SHEETS 5.6 & 7 ADDED
B	11.21.98		GENERAL REVISION
C	12.14.98		GENERAL REVISION

date: 04-27-98
scale: NOTED
dr. by: HAMD
chk. by:

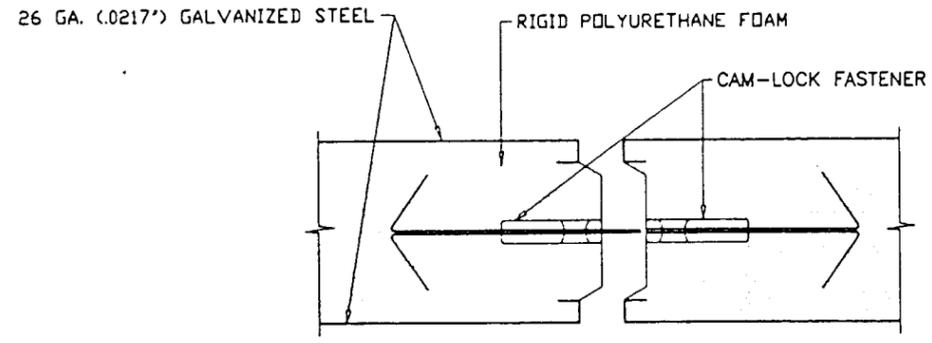
drawing no. **98-18**
sheet 1 of 6



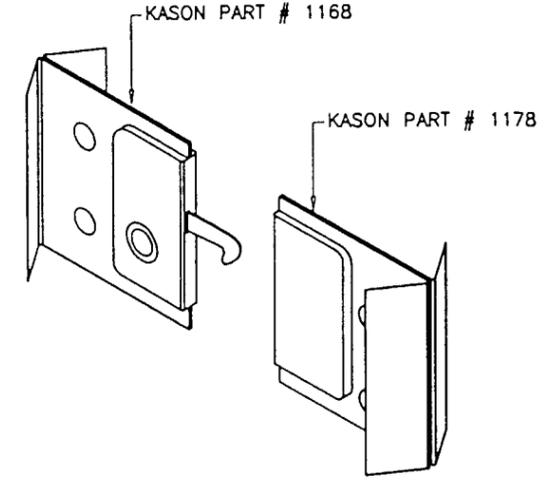
ROOF PANEL CONNECTION TO WALL



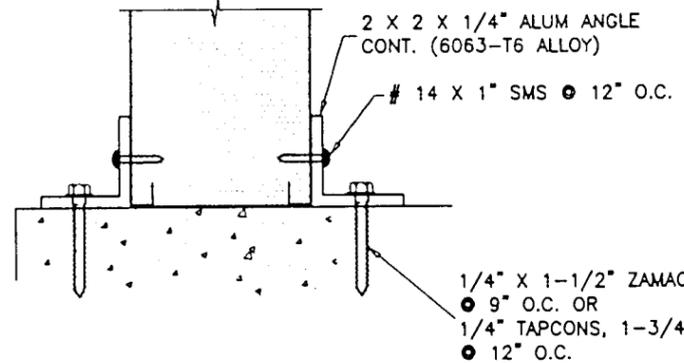
ROOF PANEL CONNECTION TO PARTITION WALL OR 'T' PANEL



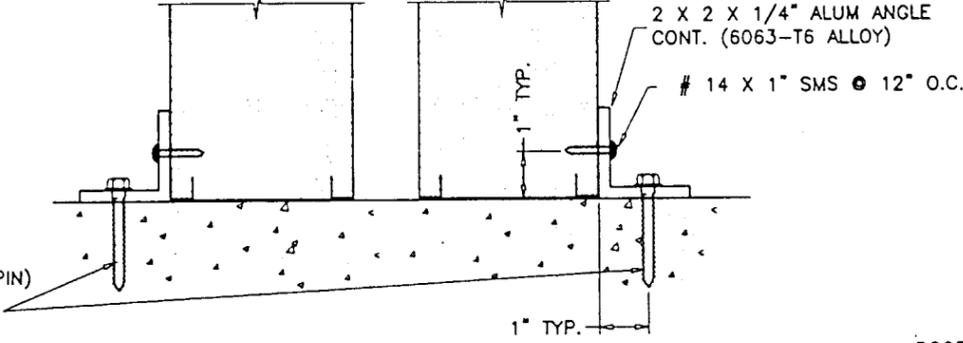
PANEL INTERLOCK DETAIL



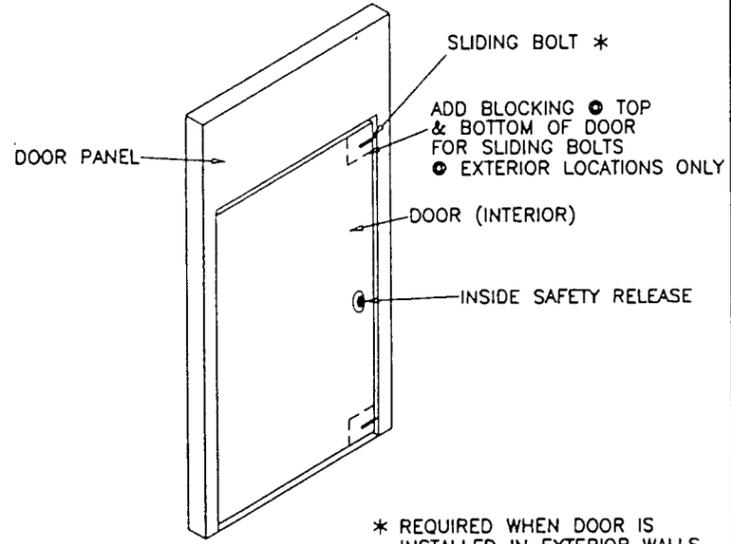
CAM-LOCK FASTENER



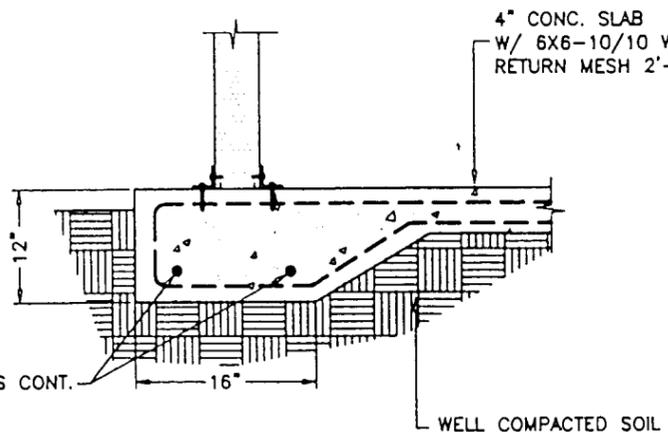
WALL CONNECTION TO FLOOR BOTH SIDES @ EXPOSED WALLS



WALL CONNECTION TO FLOOR ONE SIDE WHEN ADJACENT TO COOLER/FREEZER OR BLDG. WALL



* REQUIRED WHEN DOOR IS INSTALLED IN EXTERIOR WALLS



TYPICAL FOOTING
SCALE: 1/16" = 1"

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COOLER\98-18KPS

KYSON PANEL SYSTEMS
WALK-IN COOLERS AND FREEZERS
4201 JANADA STREET
FORT WORTH, TEXAS 76117
TEL (800) 633-3426 FAX (817) 281-5521

no	date	by	description

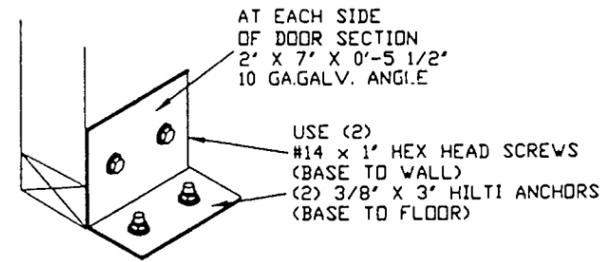
PRODUCT RENEWED

ACCEPTANCE No. 01-1115.07
EXPIRATION DATE January 3, 2007
By *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

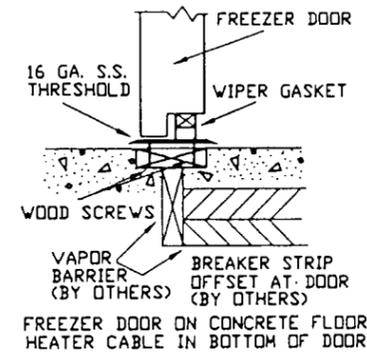
Engr: DR. HUMAYOON FAROOQ
STRUCTURES
FLA PE # 16557
DEC 15 1998

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE AUG 1 07 1999
BY *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98-0518.03

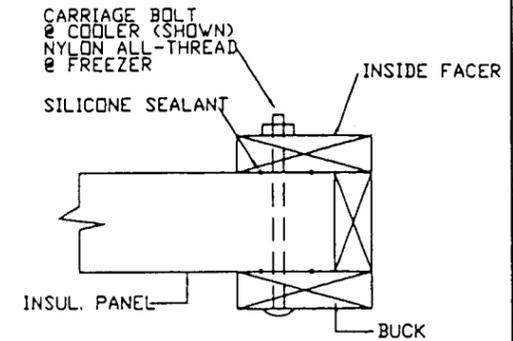
revisions: 04-27-98
date: 04-27-98
scale: 1/4" = 1"
dr. by: HAMID
chk. by:
drawing no. 98-18
sheet 2 of 6



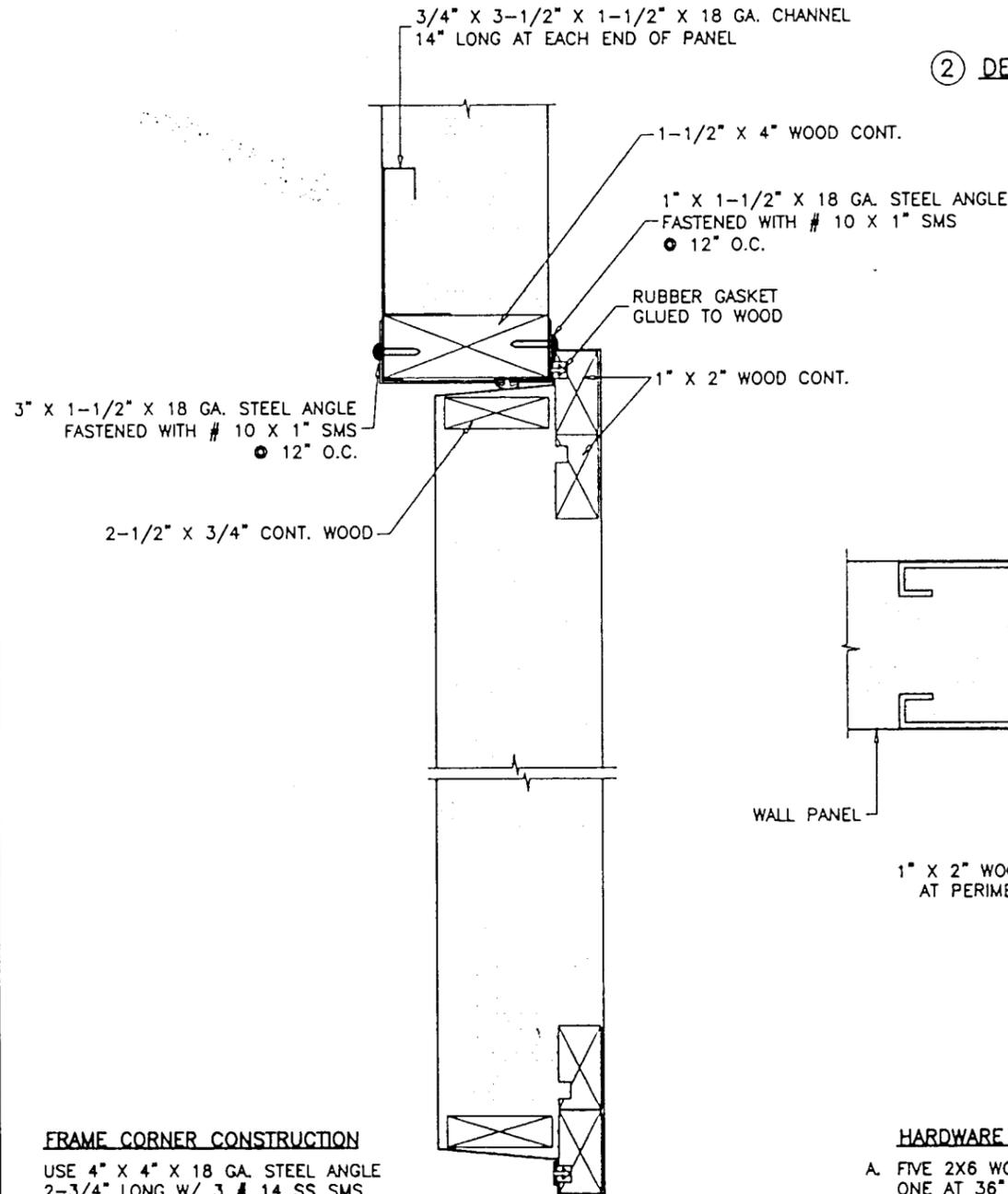
② DETAIL-DOOR STABILIZER



③ DETAIL-THRESHOLD AT FREEZER

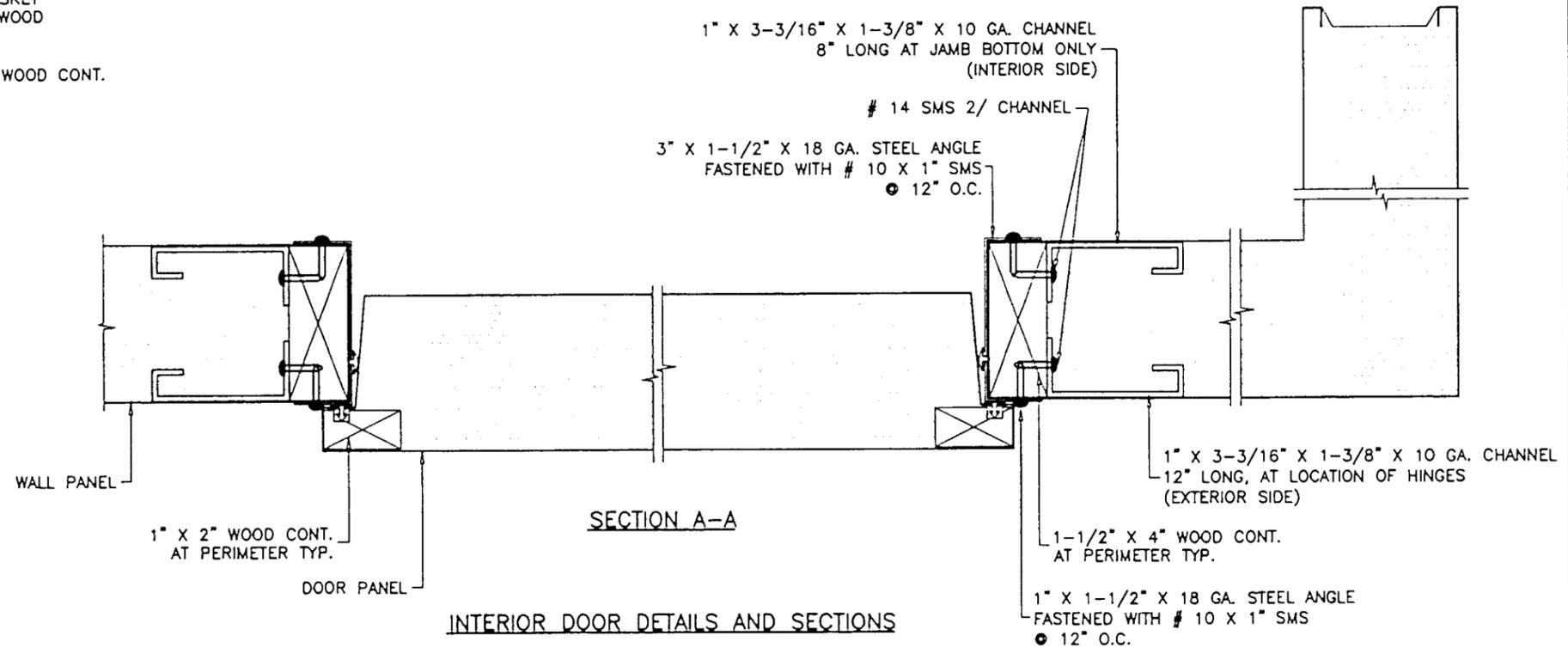


⑧ DETAIL-DOOR BUCK



SECTION B-B

FRAME CORNER CONSTRUCTION
USE 4" X 4" X 18 GA. STEEL ANGLE
2-3/4" LONG W/ 3 # 14 SS SMS



INTERIOR DOOR DETAILS AND SECTIONS

HARDWARE SUPPORT NOT SHOWN FOR CLARITY

- A. FIVE 2X6 WOOD STUDS 8" LONG, LOCATED AT FOUR CORNERS ONE AT 36" FROM BOTTOM SASH.
- B. 12" X 12" X 1" PLYWOOD LOCATED AT PANIC DEVICE LOCATION AT 33" FROM FLOOR GLUED TO INTERIOR SKIN.
- C. TWO RIVETS PER INTERIOR SKIN CORNER.

PRODUCT RENEWED

ACCEPTANCE No. 01-1115.07

EXPIRATION DATE January 7, 2007

By *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

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

DEC 15 1998

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE

DATE January 07, 1999

BY *[Signature]*

PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO. 98-0518-03

afc

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COOLER 98-18KPS

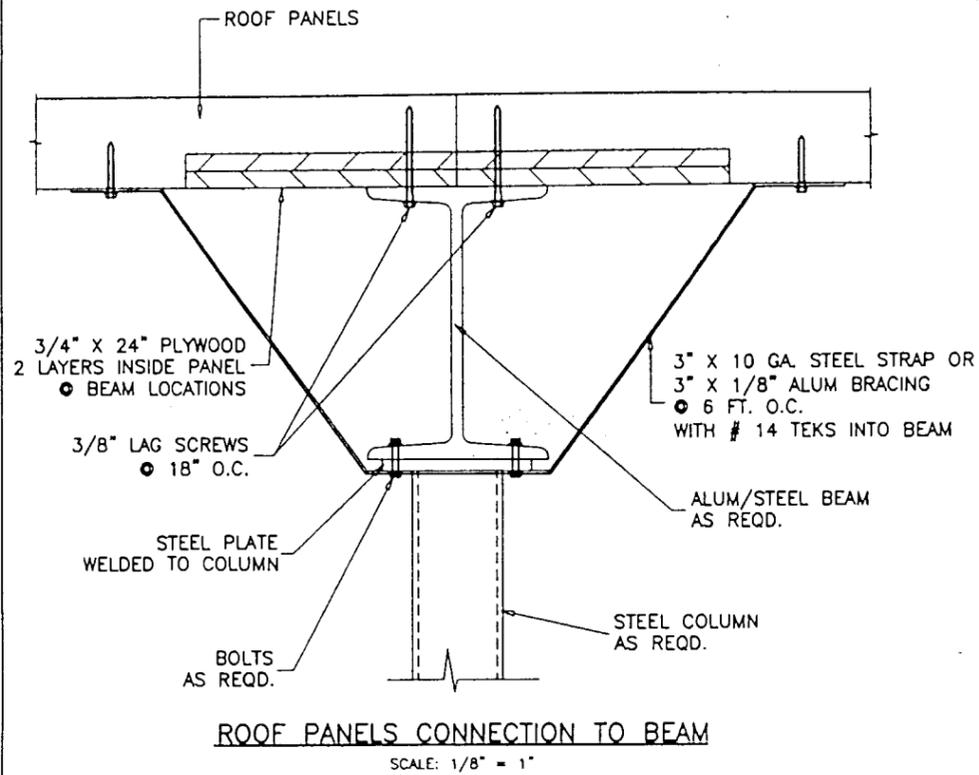
WALK-IN COOLERS AND FREEZERS
KYSOR PANEL SYSTEMS
4201 JANADA STREET
FORT WORTH, TEXAS 76117
TEL (800) 633-3426 FAX (817) 281-5521

no	date	description

revisions:
date: 04-27-98
scale: 1/4" = 1"
dr. by: HAMD
chk. by:

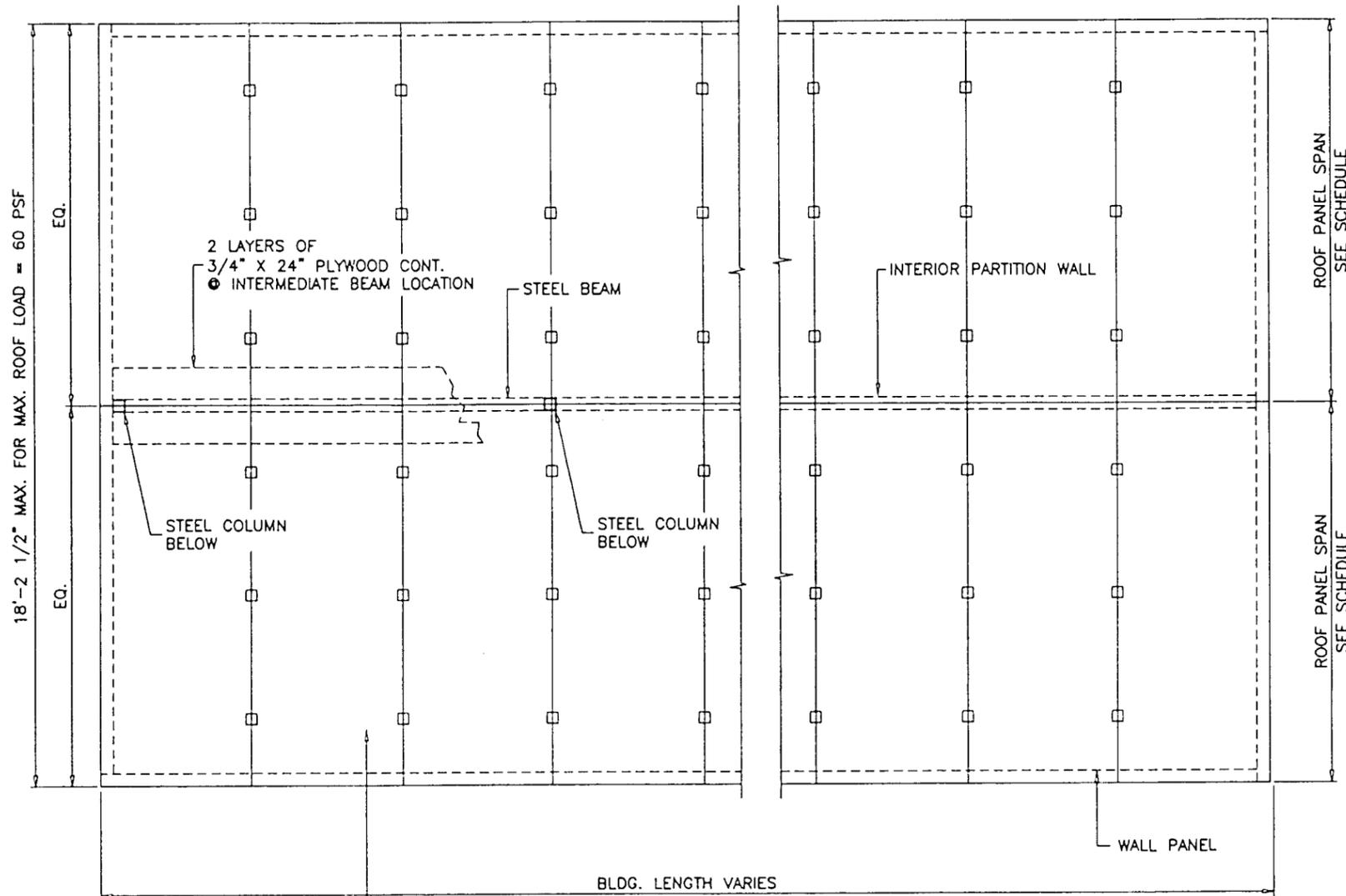
drawing no.
98-18

sheet 3 of 6



ROOF PANELS CONNECTION TO BEAM

SCALE: 1/8" = 1"



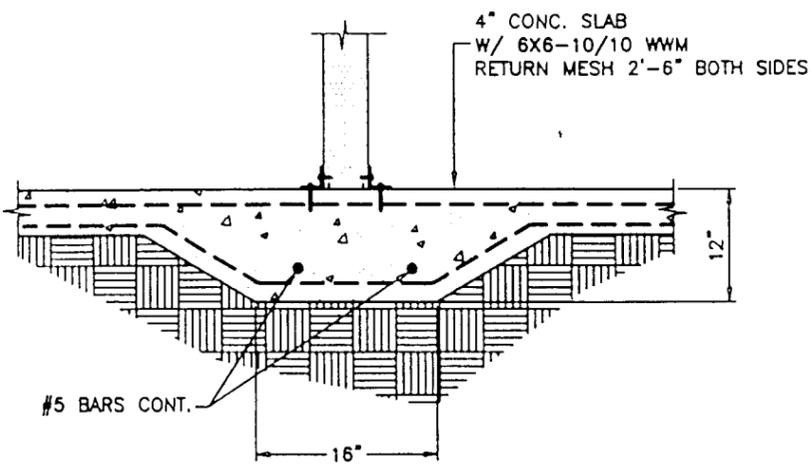
ROOF PLAN WITH STEEL BEAM & COLUMN

SCALE: 1/4" = 1'-0"

PANELS CAN BE ORIENTED IN ANY DIRECTION

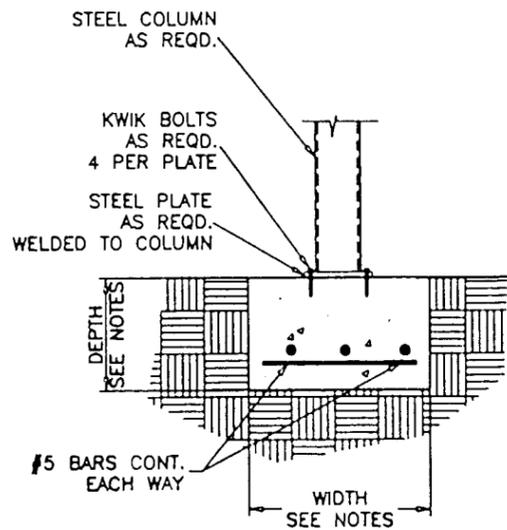
NOTE:

- A. EACH EXTERIOR INSTALLATION SHALL HAVE A FOUNDATION DESIGN BY A FLORIDA REGISTERED ENGINEER.
- B. FOR ROOF PLAN WITH STEEL BEAMS AND COLUMNS; THE BEAMS, COLUMNS AND FOOTING SIZE AND REINFORCEMENT ARE NOT PART OF THIS APPROVAL AND SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENT FOR EACH JOB.
- C. ALL CONCRETE ANCHORS SHALL BE MINIMUM AS SPECIFIED ON THESE DRAWINGS. THE EMBEDMENT LENGTHS NOTED SHALL NOT INCLUDE FINISH MATERIAL.



TYPICAL FOOTING AT PARTITION WALL

SCALE: 1/16" = 1"



TYPICAL FOOTING AT COLUMN

SCALE: 1/16" = 1"

PRODUCT RENEWED

ACCEPTANCE No. 01-1115.02

EXPIRATION DATE JANUARY 7, 2007

By [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

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

DEC 15 1998

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE

DATE January 07, 1999

BY [Signature]

PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO 98-0518-03

af

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COOLER/98-18KPS

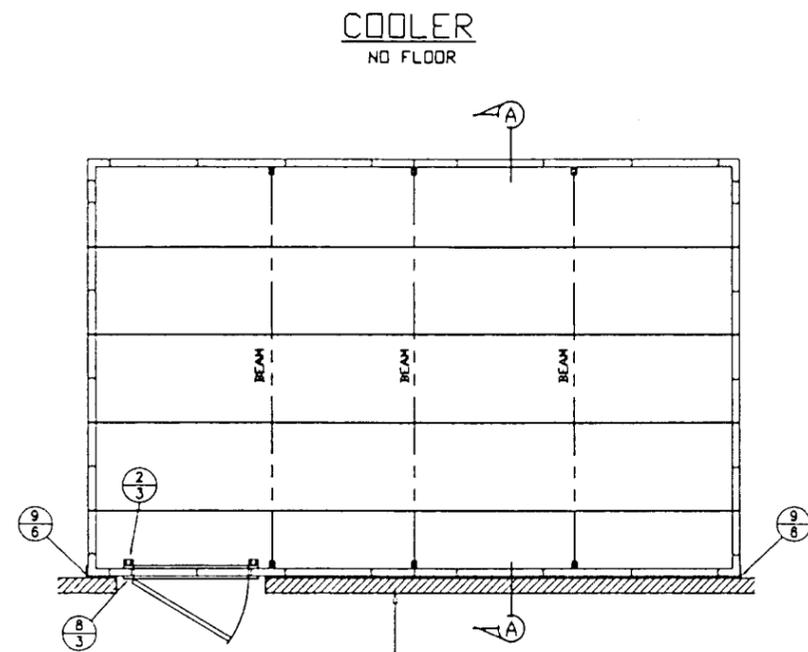
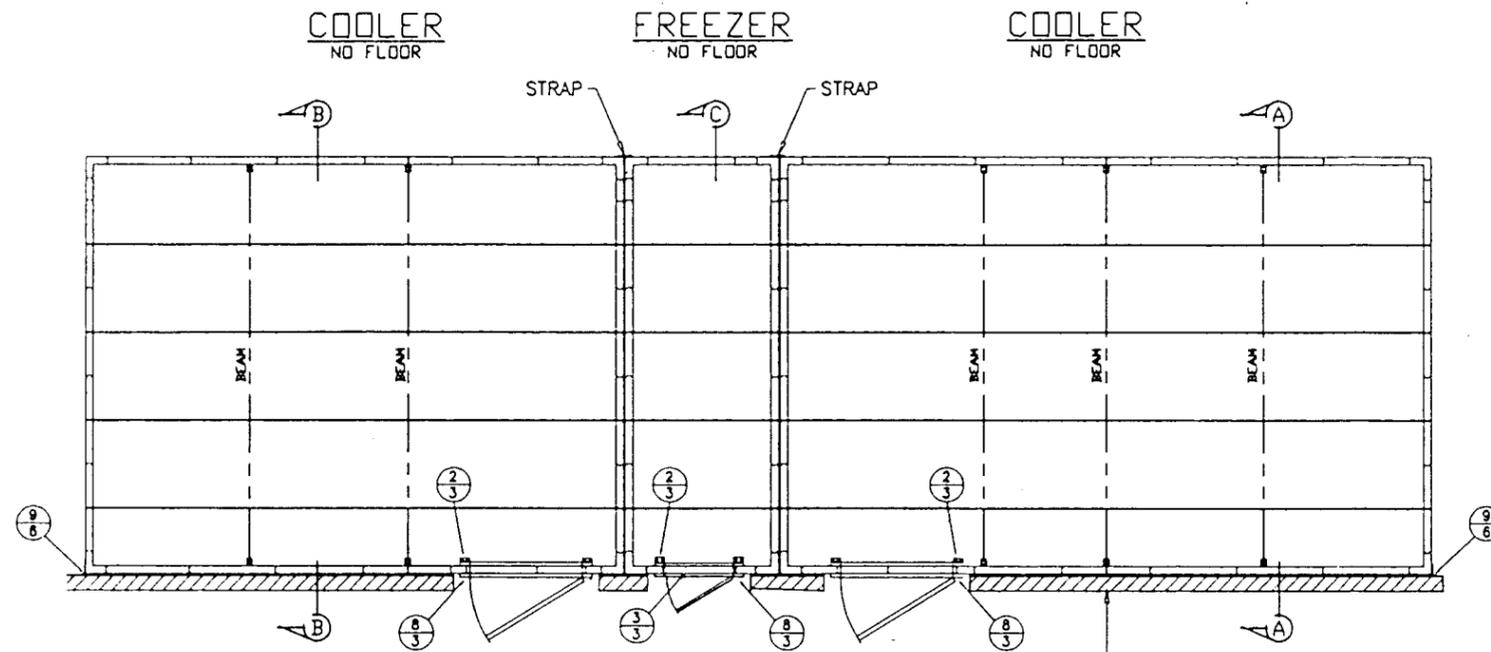
KYSOR PANEL SYSTEMS
WALK-IN COOLERS AND FREEZERS
4201 JANADA STREET
FORT WORTH, TEXAS 76117
TEL. (800) 633-3426 FAX. (817) 281-5521

no	date	description

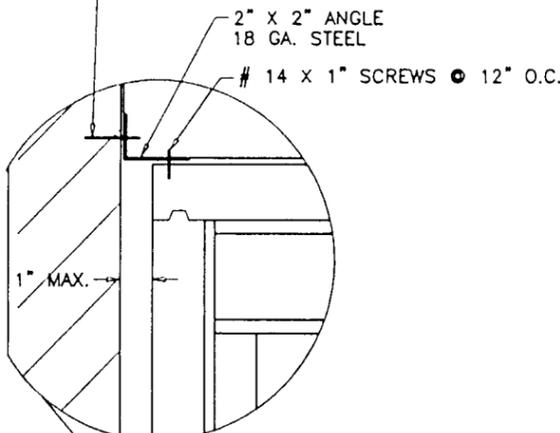
date: 04-27-98
scale: 1/4" = 1"
dr. by: HAMID
chk. by:

drawing no.
98-18

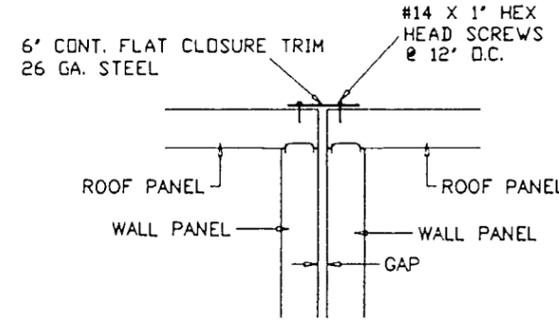
sheet 4 of 6



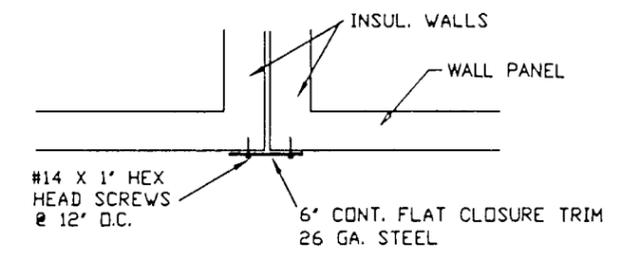
1/4" ZAMAC NAIL-IN
1-1/2" EMBED
OR 1/4" TAPCONS
WITH 1-3/4" EMBED
AT 12" O.C.



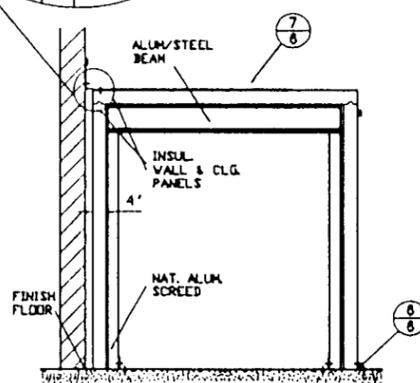
EXISTING STRUCTURE WALL
BLOCK OR CONC.



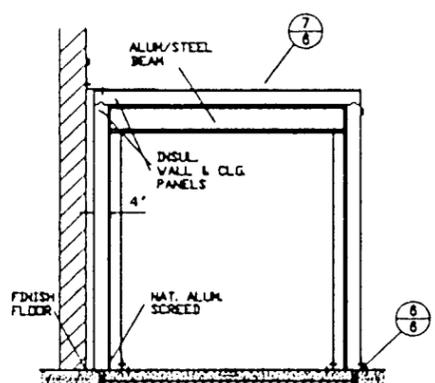
SIDE BY SIDE UNITS
ELEVATION



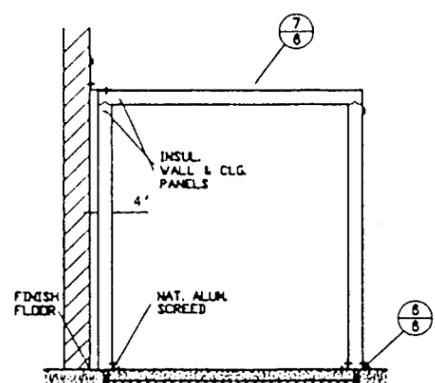
SIDE BY SIDE UNITS
PLAN VIEW



A SECTION NO SCALE



B SECTION NO SCALE



C SECTION NO SCALE

PRODUCT RENEWED

ACCEPTANCE No. 01-1115.02
EXPIRATION DATE January 7, 2007
By *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
DEC 15 1998

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE January 07, 1999
By *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98-0518-03

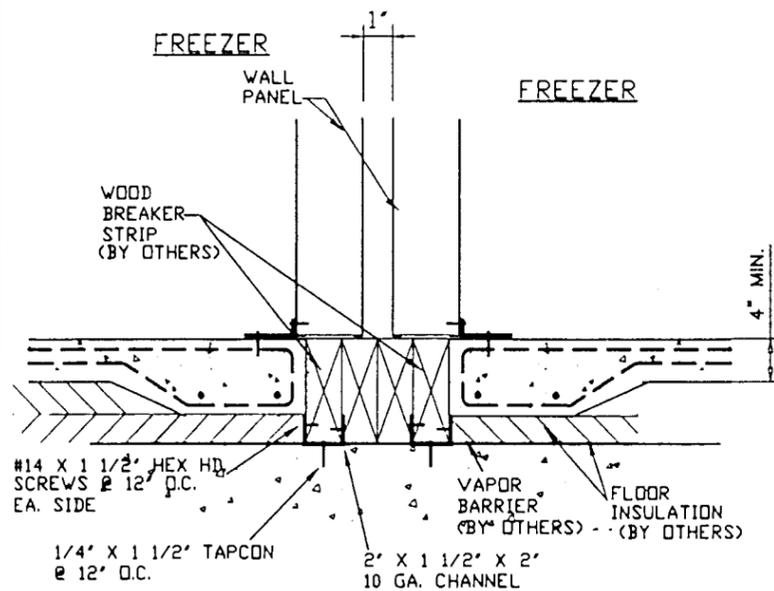
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COOLER 98-18KPS

WALK-IN COOLERS AND FREEZERS
KYSOR PANEL SYSTEMS
4201 JANADA STREET
FORT WORTH, TEXAS 76117
TEL (800) 633-3426 FAX. (817) 281-5521

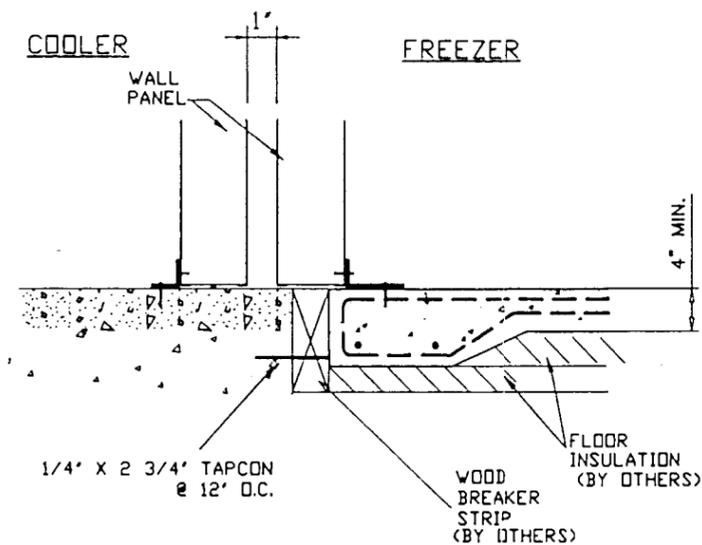
revisions:	no	date	by	description

date: 04-27-98
scale: NONE
dr. by: HAMID
chk. by:
drawing no.
98-18
sheet 5 of 6

ANCHORS EDGE DISTANCE = 2-1/2' MIN. TYP.

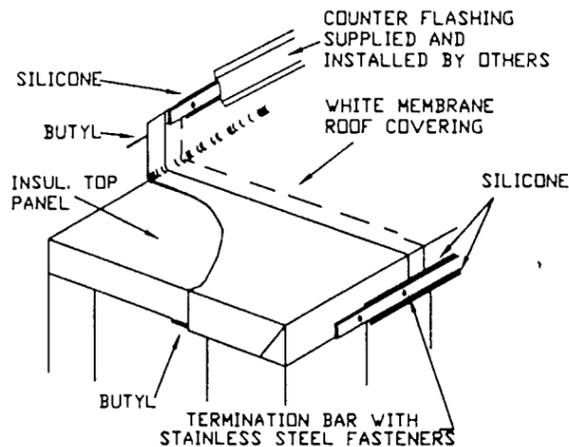


⑤ DETAIL-SECTION BETWEEN FREEZERS
EXTERIOR UNITS

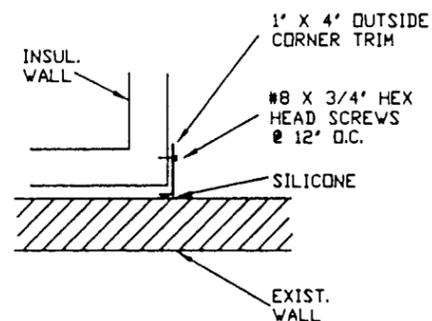


⑥ DETAIL-SECTION BETWEEN COOLER/FREEZER
EXTERIOR UNITS

FREEZER INSULATION / WOOD SEPARATION AND THEIR CONNECTION TO SLAB SHOWN AS CONSTRUCTION DETAIL ARE NOT PART OF APPROVAL.



⑦ DETAIL-MEMBRANE ROOF
DURO-LAST
WATER PROOFING NOT PART OF APPROVAL



⑨ WATER PROOFING CORNER DETAIL
PLAN VIEW

PRODUCT RENEWED

ACCEPTANCE No. 01-1115.02
EXPIRATION DATE January 7, 2002
By *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 18557

DEC 15 1998

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE January 07, 1999
BY *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98-0518.03

afc

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COOLER\98-18KPS

WALK-IN COOLERS AND FREEZERS
KYSOR PANEL SYSTEMS
4201 JANADA STREET
FORT WORTH, TEXAS 76117
TEL (800) 633-3426 FAX. (817) 281-5521

no	date	description

revisions:
no date description
04-27-98
scale: NONE
dr. by: HAMID
chk. by:

drawing no.
98-18

sheet 6 of 6