

MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

www.miamidade.gov

NOTICE OF ACCEPTANCE (NOA)

Welbilt Walks-Ins, LP dba KYSOR PANEL SYSTEMS
4201 North Beach Street
Fort Worth, TX 76137

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Walk-In Enclosures

APPROVAL DOCUMENT: Drawing No. 06-15, titled "Walk-In Enclosures", sheets 1 through 6 of 6, prepared by Al-Farooq Corporation, dated December 27, 2006, last revision #A dated June 04, 2007, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

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

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA 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 NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
 07/26/2007

NOA No. 07-0228.02
Expiration Date: 07/26/2012
Approval Date: 07/26/2007
 Page 1

Welbilt Walks-Ins, LP dba KYSOR PANEL SYSTEMS

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 98-0518.03

A. DRAWINGS

1. *Drawing No. 06-15, titled "Walk-In Enclosures", sheets 1 through 6 of 6, prepared by Al-Farooq Corporation, dated December 27, 2006, last revision #A dated June 04, 2007, signed and sealed by Humayoun Farooq, P.E.*

B. TESTS

1. *Test report on Uniform Static air Pressure Test, Large Missile Impact Test, and Cyclic Load Test on Galvanized Steel Sheathed Polyurethane Foam Filled Modular Panel Walk-in Coolers / Freezers, prepared by Architectural Testing, Report No. 64873.01-801-18, dated 01/03/2007, signed and sealed by Joseph A. Reed, P.E.*
2. *Test report on Uniform Static air Pressure Test, Large Missile Impact Test, and Cyclic Load Test on Galvanized Steel Sheathed Polyurethane Foam Filled Modular Panel Walk-in Coolers / Freezers, prepared by Architectural Testing, Report No. 64893.01-801-18, dated 01/03/2007, signed and sealed by Joseph A. Reed, P.E.*

C. CALCULATIONS

1. *Calculation titled "Panel Calculations", dated February 16, 2007, 57 pages, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.*

D. QUALITY ASSURANCE

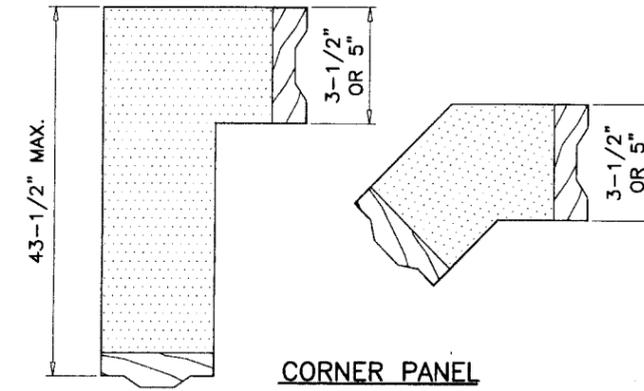
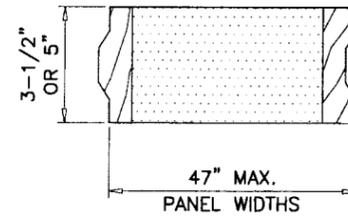
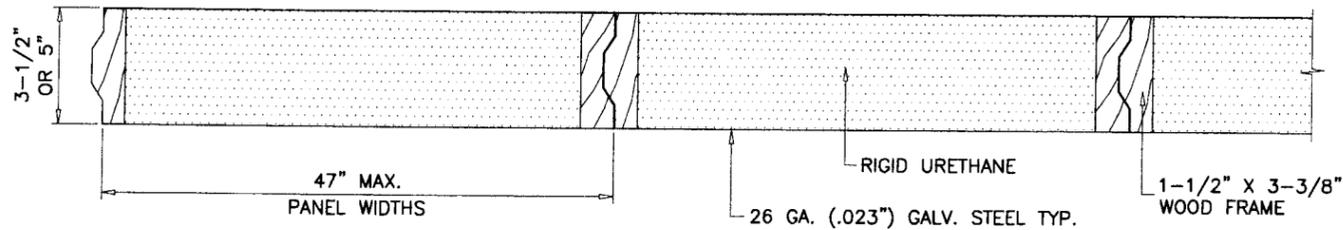
1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *Flame Spread Index and Smoke Developed Index of Polyurethane Foam per ASTM E84-05 by Intertek ETL Semko, Report # 3104693SAT-006, dated February 28, 2007, signed and sealed by Chris Bowness, P.E.*
2. *Standard Test Method for Determining Ignition Properties of Plastics of Polyurethane Foam per ASTM D1929-96 by Intertek ETL Semko, Report # 3104693SAT-002, dated November 29, 2006, signed and sealed by Chris Bowness, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 07-0228.02
Expiration Date: 07/26/2012
Approval Date: 07/26/2007

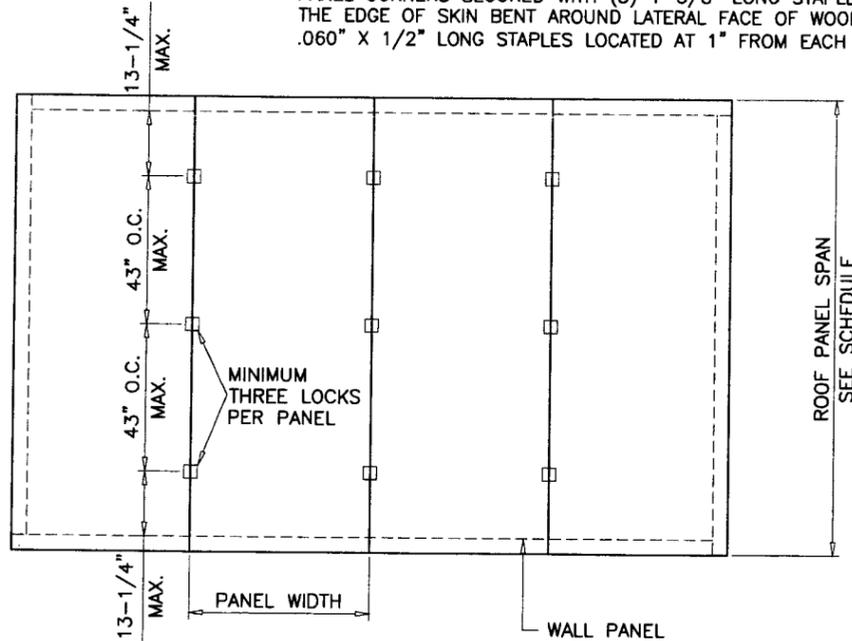


KYSOR STRUCTURAL WOOD FRAME FOAM PANELS SCALE: 1/8" = 1"

PANEL CORNERS SECURED WITH (3) 1-5/8" LONG STAPLES HAVING A SHANK DIAMETER OF .060". THE EDGE OF SKIN BENT AROUND LATERAL FACE OF WOOD FRAME AND SECURED WITH .060" X 1/2" LONG STAPLES LOCATED AT 1" FROM EACH CORNER AND 7" O.C. MAX.

STARTER PANEL

CORNER PANEL



ROOF PLAN OR FLOOR PLAN

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

WALL PANELS-SINGLE SPAN $\Delta = L/180$			
DESIGN WIND LOAD	ALLOWABLE SPAN		
	3-1/2" PANEL		5" PANEL
	WITH OR W/O DOOR	WITH DOOR	WITHOUT DOOR
40 PSF	10'-1"	10'-1"	12'-9"
50 PSF	9'-9"	9'-9"	12'-8"
60 PSF	9'-2"	9'-2"	11'-11"

ROOF PANELS-SINGLE SPAN $\Delta = L/240$	
DESIGN WIND LOAD	ALLOWABLE SPAN
	5" PANEL
70 PSF	11'-8"

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 ENCLOSURE ARRANGEMENTS

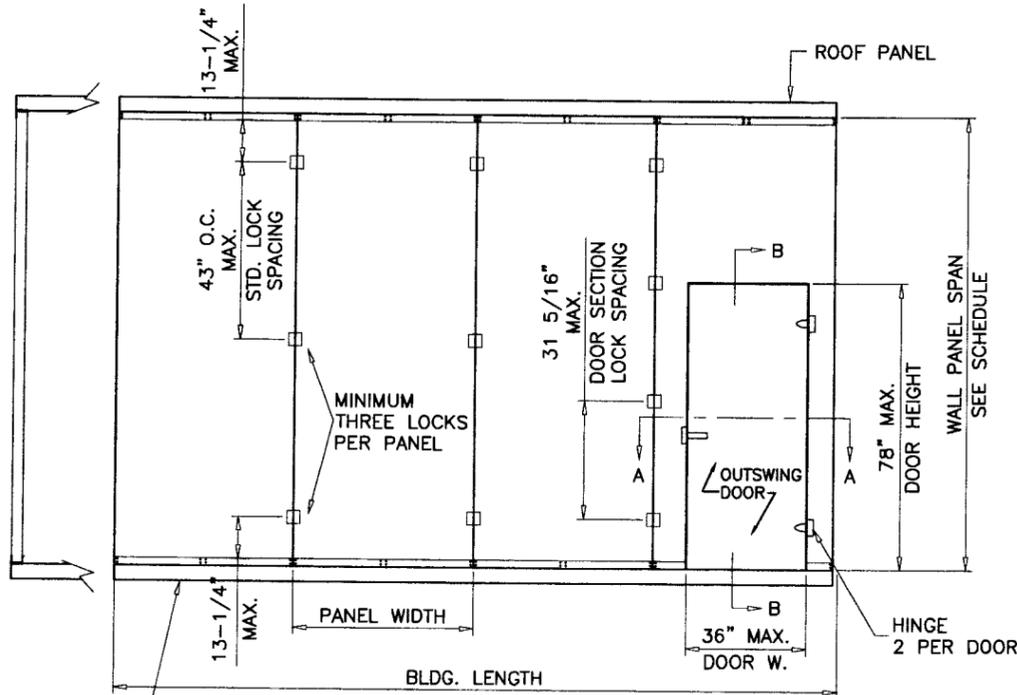
GENERAL NOTES

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE.
- 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 = 25 OR LESS AS PER ASTM E-84. SMOKE DEVELOPED INDEX = 450 OR LESS AS PER ASTM E-84. SPONTANEOUS-IGNITION TEMPERATURE NOT LESS THAN 800°F AS PER ASTM D-1929.
- 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.
- A 33% INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF WOOD ANCHORS ONLY.

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

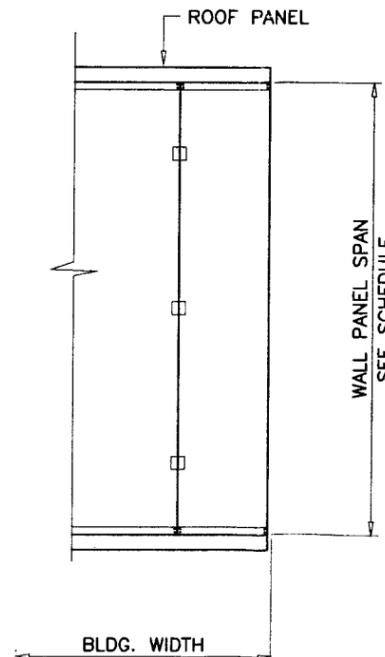
NOTE: THE MAX. LENGTH OF BUILDING SHOULD NOT EXCEED FOUR TIMES THE WIDTH OF THE BUILDING.

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"

Approved as complying with the Florida Building Code
 Date: 07/26/2007
 NOA# 07-0228-02
 Miami Dade Product Control
 Division By: Helmy A. Helmy

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
 JUN 25 2007

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
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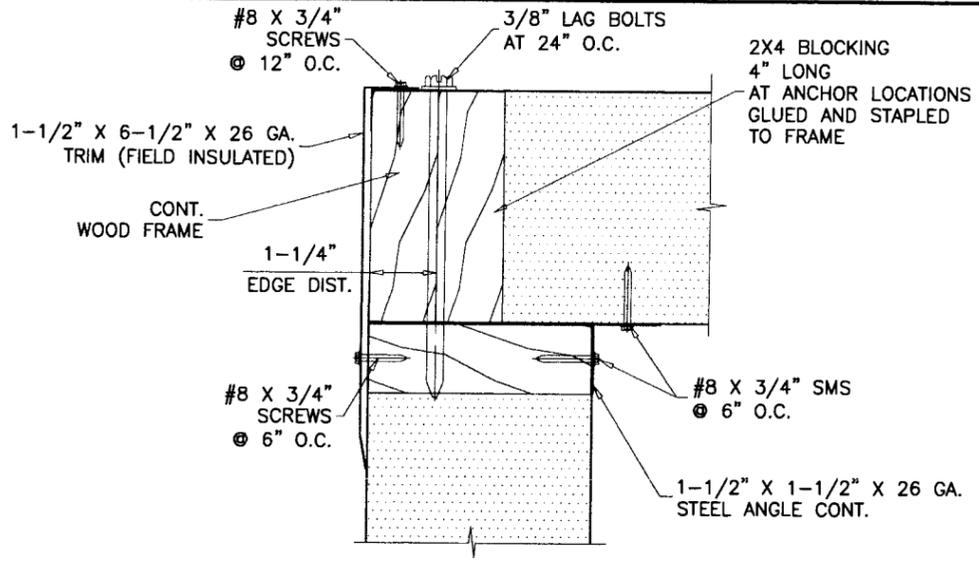
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revisions:

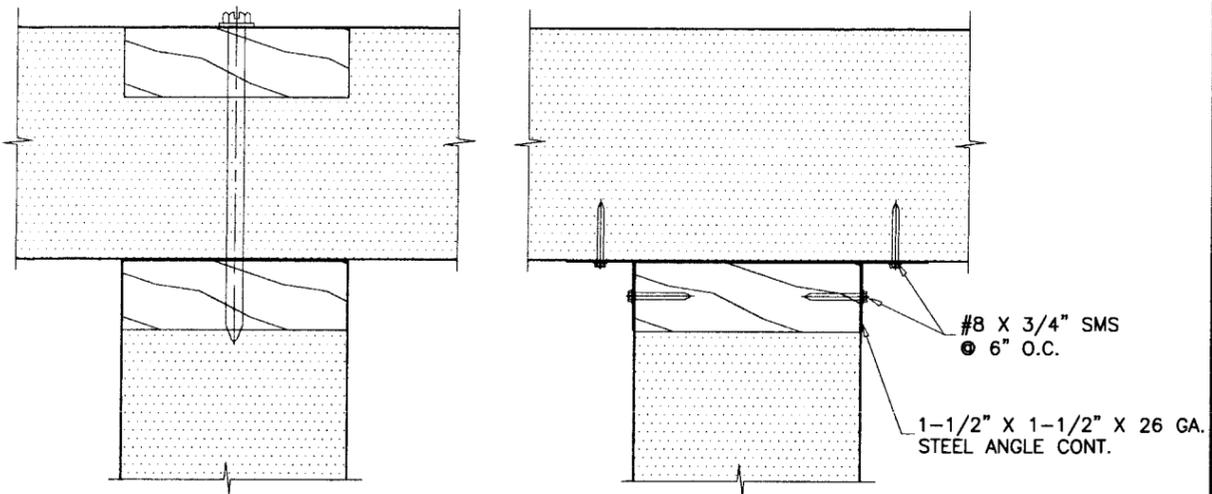
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 scale: NOTED
 dr. by: HAMID
 chk. by:

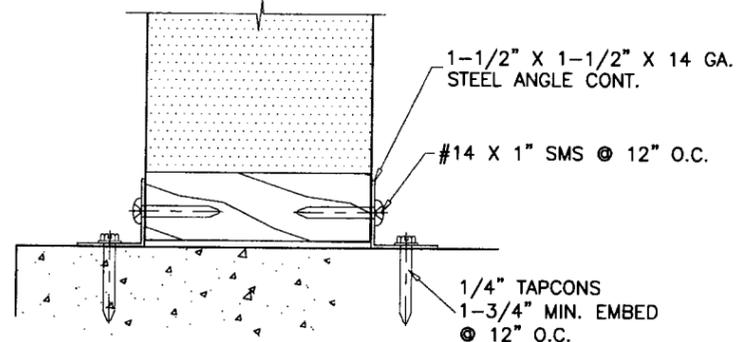
drawing no. 06-15
 sheet 1 of 6



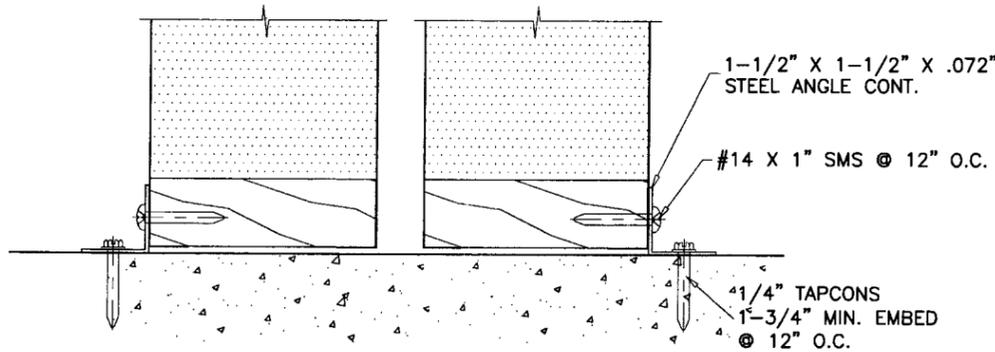
ROOF PANEL CONNECTION TO WALL



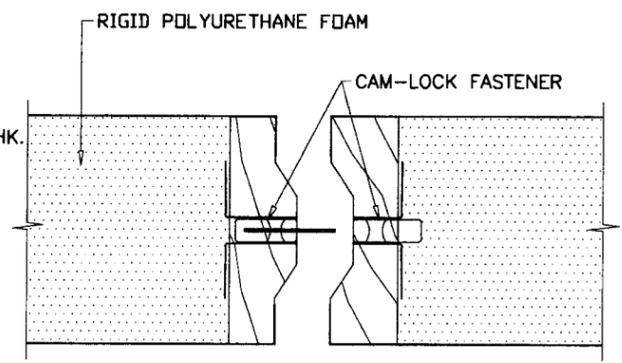
ROOF PANEL CONNECTION TO PARTITION WALL



WALL CONNECTION TO FLOOR BOTH SIDES @ EXPOSED WALLS

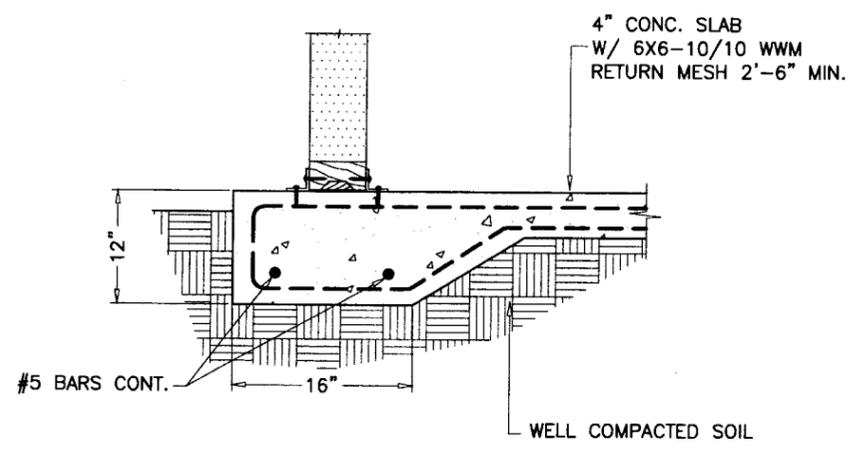


WALL CONNECTION TO FLOOR ONE SIDE WHEN ADJACENT TO ENCLOSURE OR BLDG. WALL

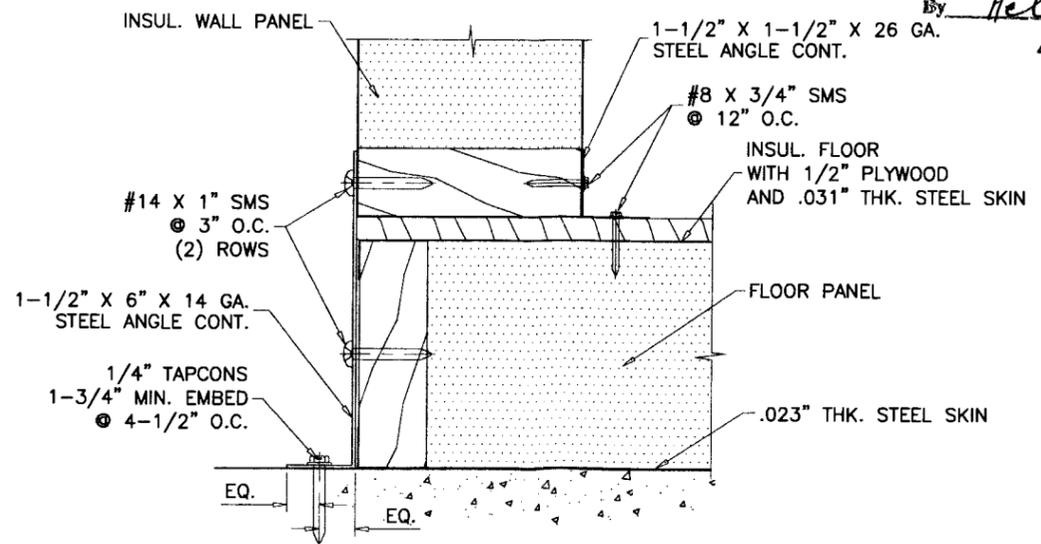


PANEL INTERLOCK DETAIL

Approved as complying with the Florida Building Code
 Date: 07/26/2007
 NOA# 07-0228-02
 Miami Code Product Control Division
 By: *Helmy A. Helmy*

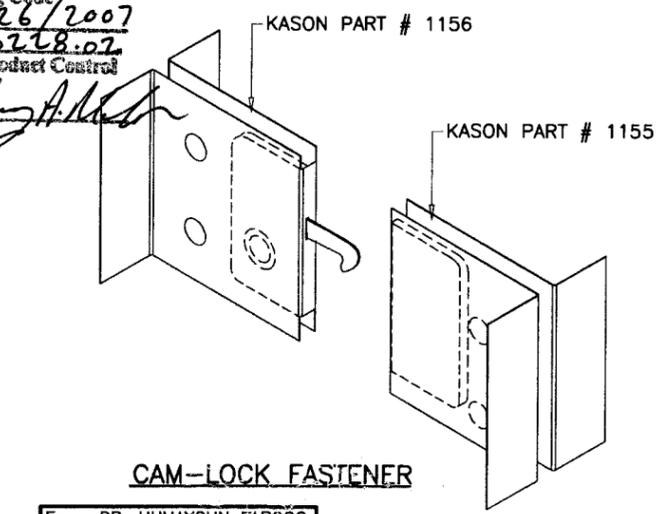


TYPICAL FOOTING
SCALE: 1/16" = 1"



WALL TO FLOOR CONNECTION

PLYWOOD AND STEEL SKIN ARE SECURED TO FLOOR FRAME WITH 1-5/8" LONG STAPLES WITH 0.060" DIA. SHANKS LOCATED 3" FROM EACH END AND 3" O.C. MAX.



Engr: DR. HUMAYOUN FAROOQ
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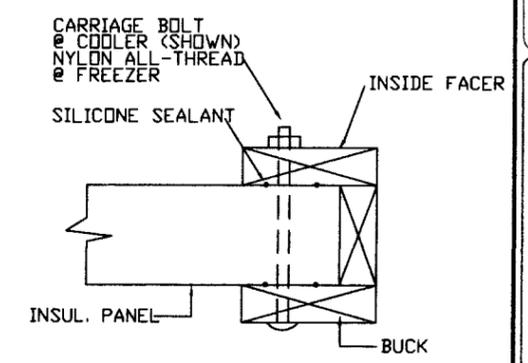
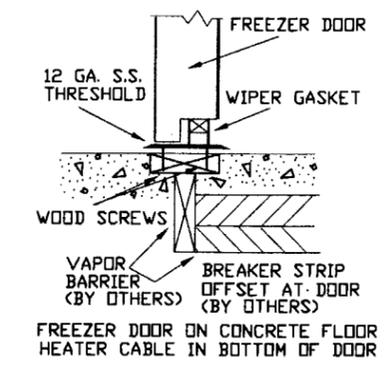
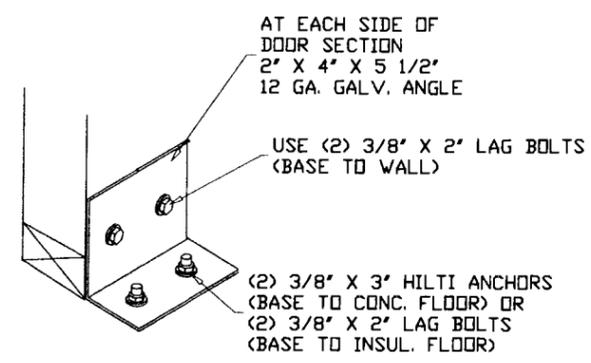
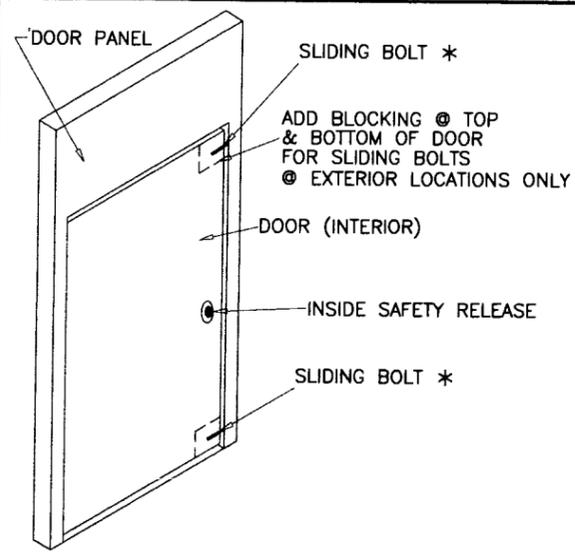
KASON PANEL SYSTEMS
 4201 NORTH BEACH ST.
 FORT WORTH, TEXAS 76137
 TEL. (800) 633-3426 FAX. (817) 281-4508

revisions:

no	date	description
A	06.04.07	REV. PER BCCO COMMENTS

date: 12-27-06
 scale: 1/4" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
06-15
 sheet 2 of 6

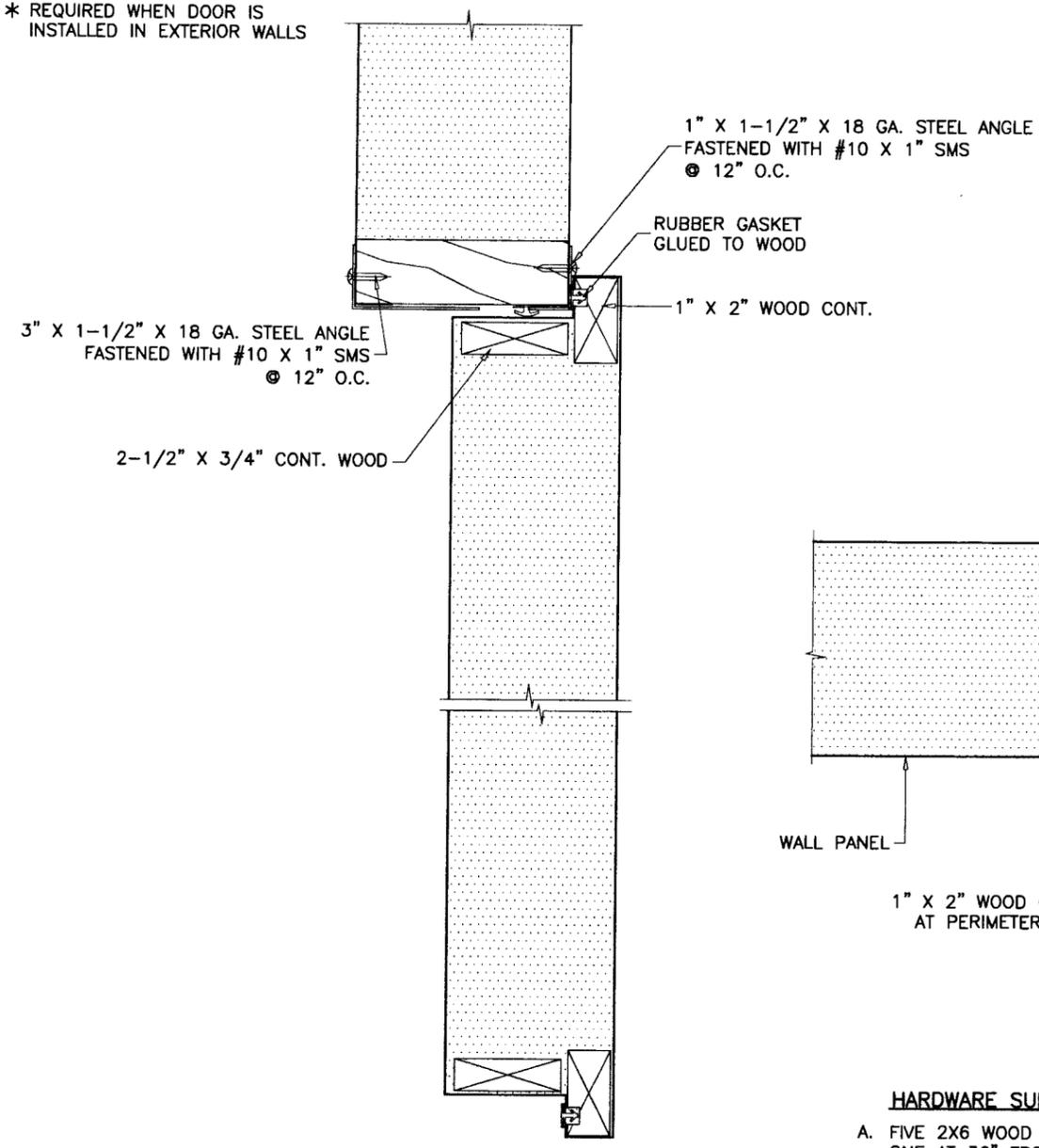


② DETAIL-DOOR STABILIZER

③ DETAIL-THRESHOLD AT INSULATED SLAB

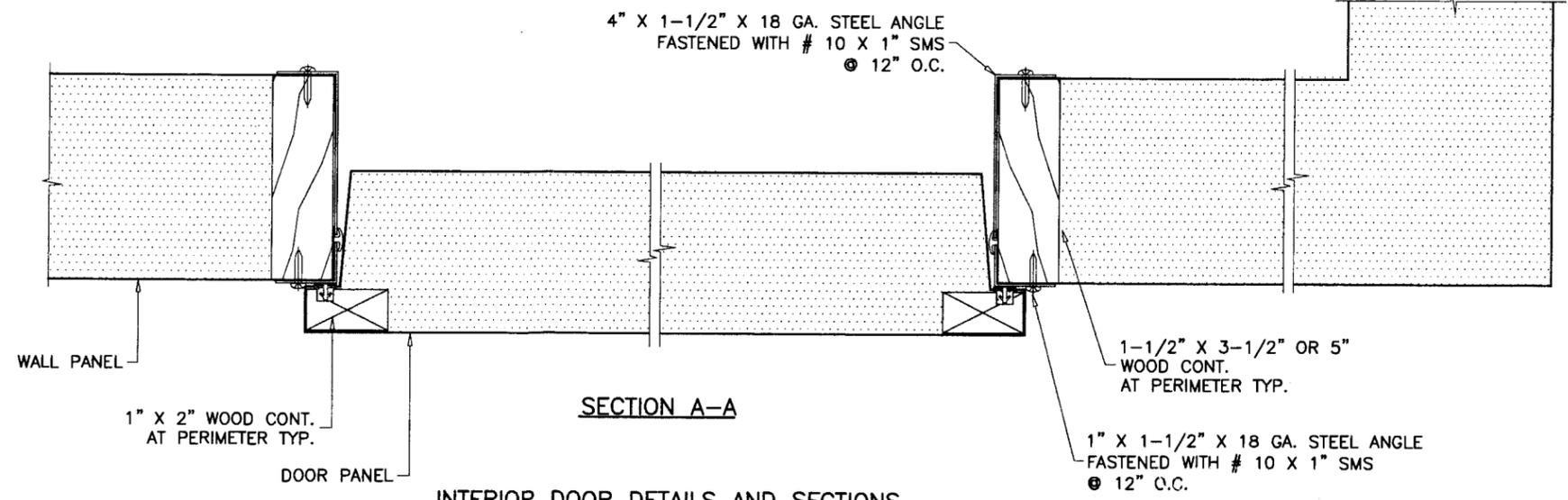
⑧ DETAIL-DOOR BUCK

* REQUIRED WHEN DOOR IS INSTALLED IN EXTERIOR WALLS



HARDWARE	QUANTITY	LOCATION
HINGE	2	AT 6" FROM EACH END OF HINGE JAMB SECURED TO DOOR AND JAMB W/ (4) 1/4 X 1-1/8" SCREWS.
LATCH	1	42" FROM BOTTOM OF LOCK JAMB SECURED TO DOOR W/ (4) 1/4 X 1-1/8" SCREWS.
LATCH KEEPER	1	42" FROM BOTTOM OF LOCK JAMB SECURED TO LOCK JAMB W/ (4) 1/4 X 1-1/8" SCREWS.
SURFACE BOLT	2	8" FROM EACH END OF LOCK STILE SECURED TO DOOR W/ (4) 1/4 X 1-1/8" SCREWS.

WEATHERSTRIPPING	QUANTITY	LOCATION
1/2" X 3/16" FOAM	1 ROW	INTERIOR & EXTERIOR AT EACH JOINT BETWEEN PANELS
3/16" X 1/8" FOAM	1 ROW	TOP RAIL AND STILES OF DOOR, INSIDE W'STRIP CHANNEL
3/4" X 3/8" BULB VINYL WITH MAGNET	1 ROW	TOP RAIL AND STILES OF DOOR, INSIDE W'STRIP CHANNEL
1-1/2" X 1/2" FOAM	1 ROW	DOOR BOTTOM RAIL
2-1/2" LONG VINYL SWEEP	1 ROW	DOOR BOTTOM RAIL



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.

Approved as complying with the Florida Building Code
 Date: 07/26/2007
 NOA# 07-0228.02
 Miami Code Product Control Division
 By: Helmy A. Matar

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

JUN 25 2007

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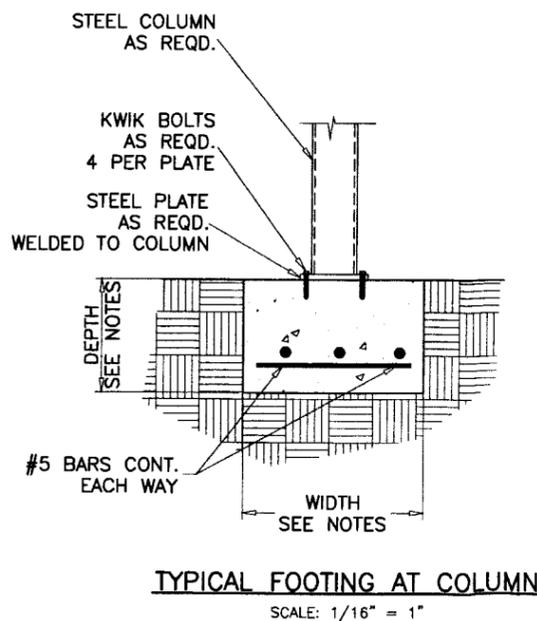
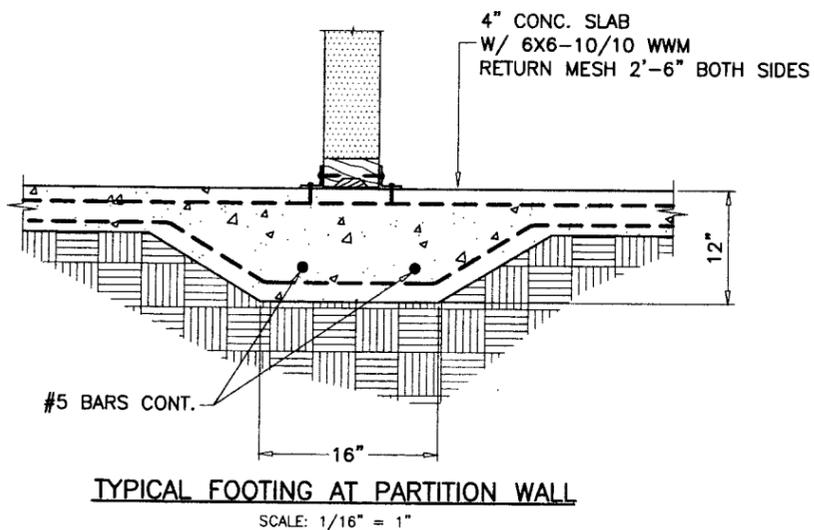
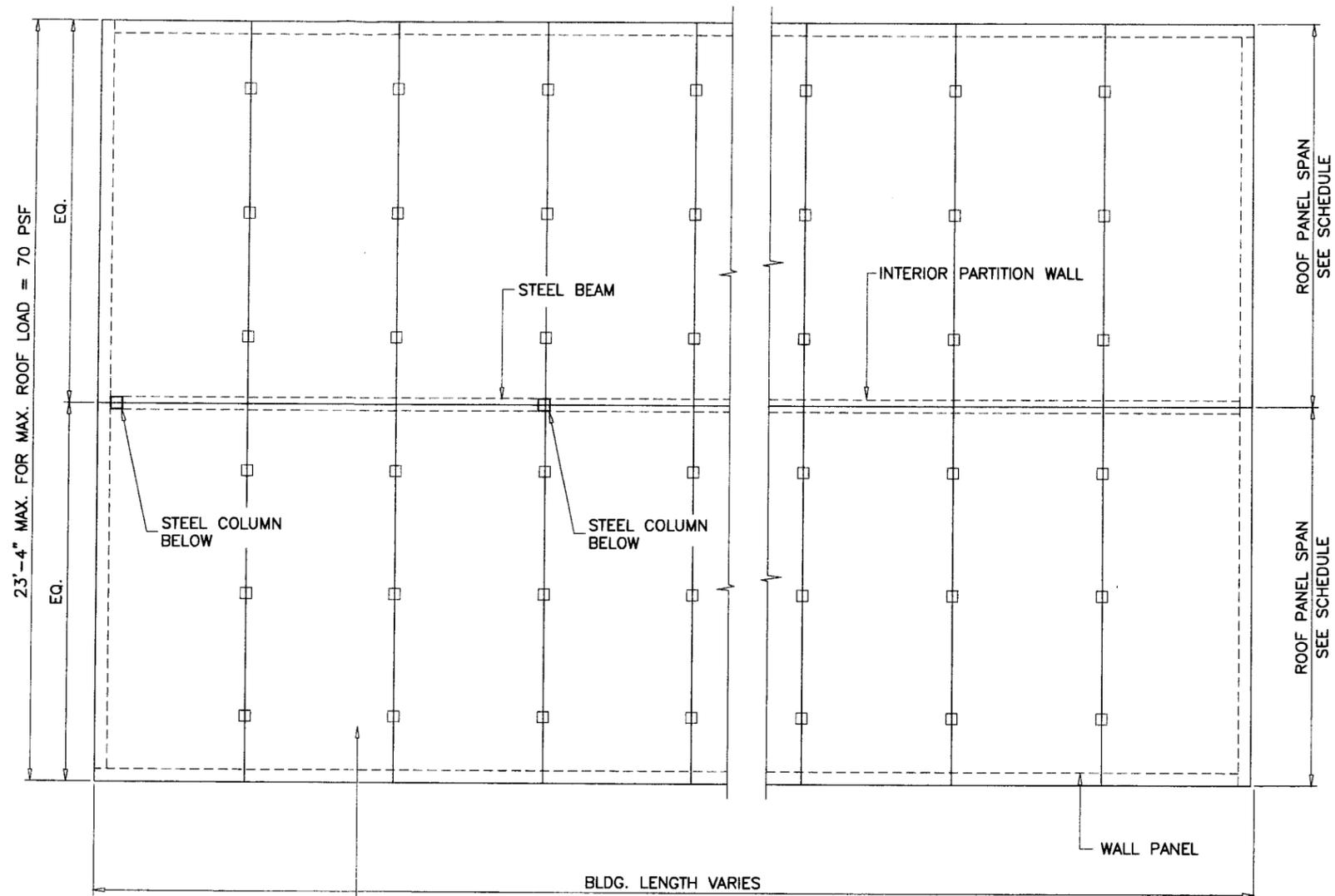
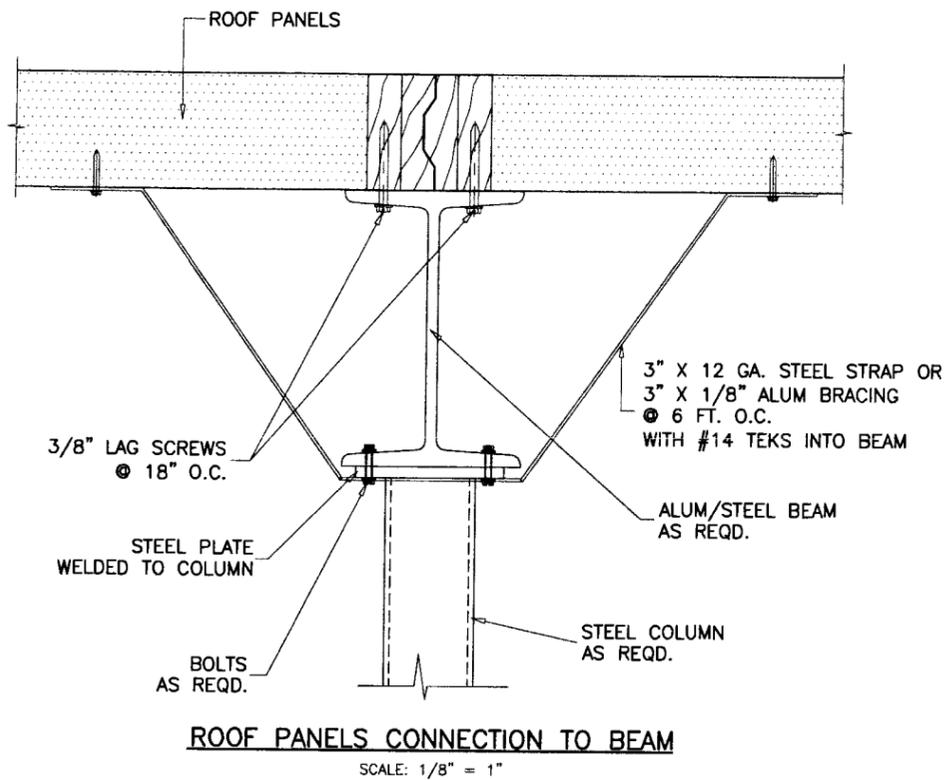
WALK-IN ENCLOSURES
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Revisions:

no	date	by	description
A	06.04.07		REV. PER BCCO COMMENTS

date: 12-27-06
 scale: 1/4" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
06-15
 sheet 3 of 6



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.

Approved as complying with the
Florida Building Code
Date: 07/26/2007
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Miami Code Product Control
Division
By: *Helmy A. M. Helmy*

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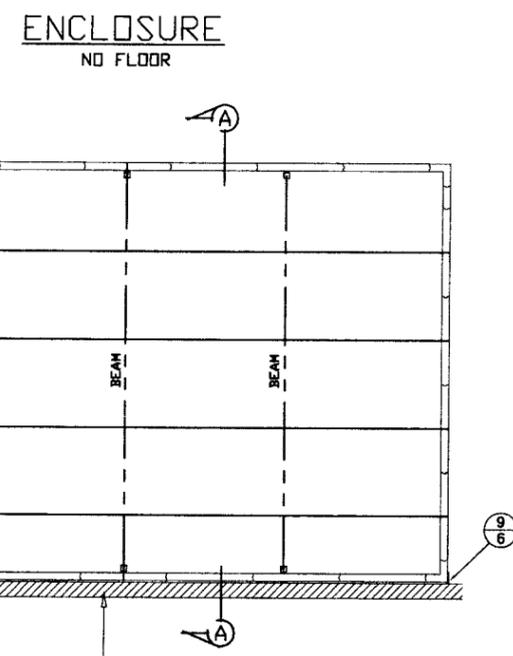
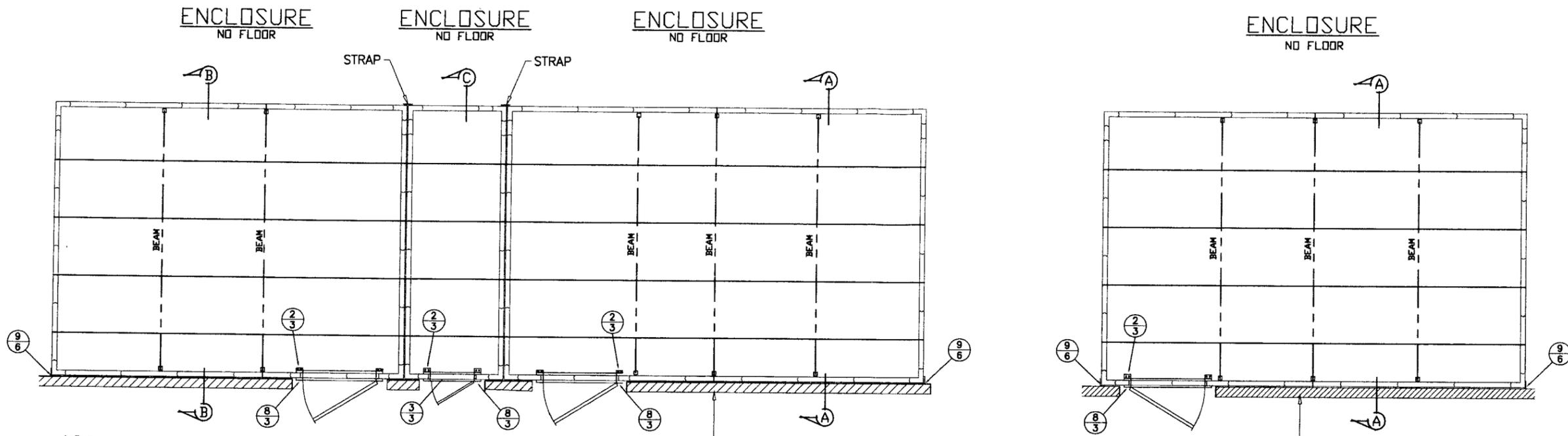
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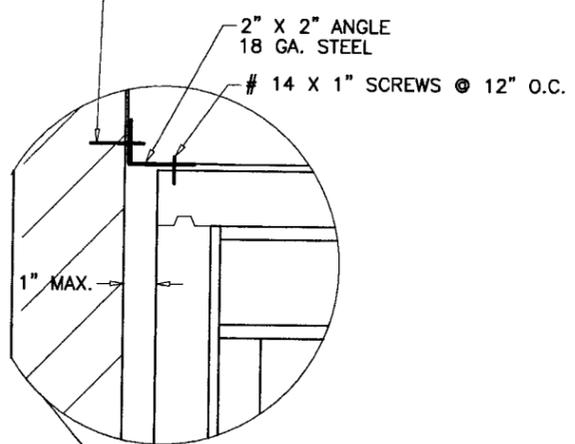
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chk. by:

drawing no.
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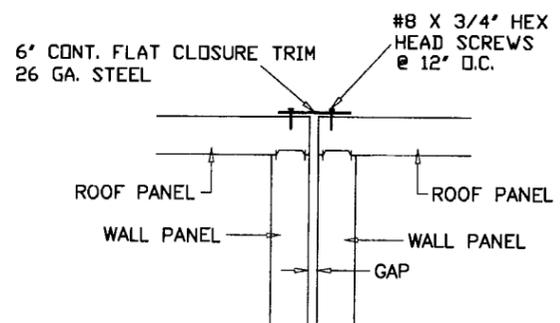
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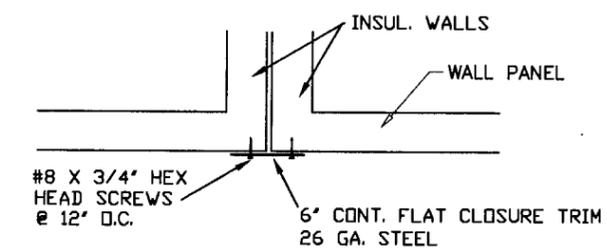
1/4" ZAMAC NAIL-IN
 1-1/2" EMBED
 OR 1/4" TAPCONS
 WITH 1-3/4" EMBED
 AT 12" O.C.



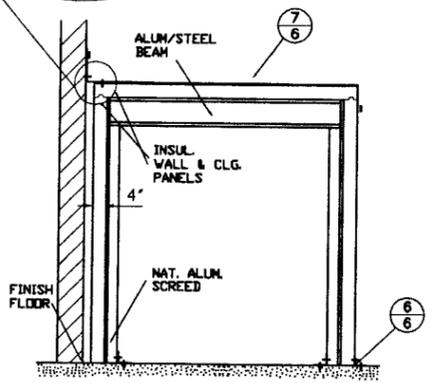
EXISTING STRUCTURE WALL
 BLOCK OR CONC.



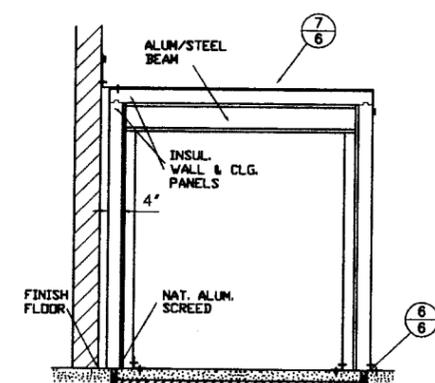
SIDE BY SIDE UNITS
 ELEVATION



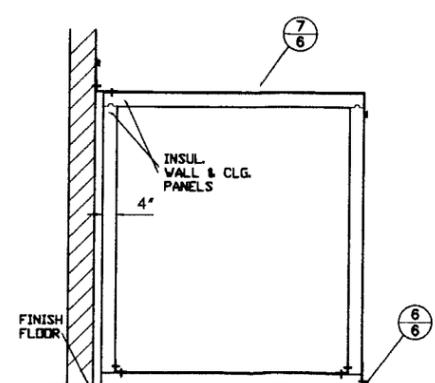
SIDE BY SIDE UNITS
 PLAN VIEW



(A) SECTION NO SCALE



(B) SECTION NO SCALE



(C) SECTION NO SCALE

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 Miami Code Product Control
 Division
 By: *Helmy A. Helmy*

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af c
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no	date	description
A	06.04.07	NO CHANGE THIS SHEET

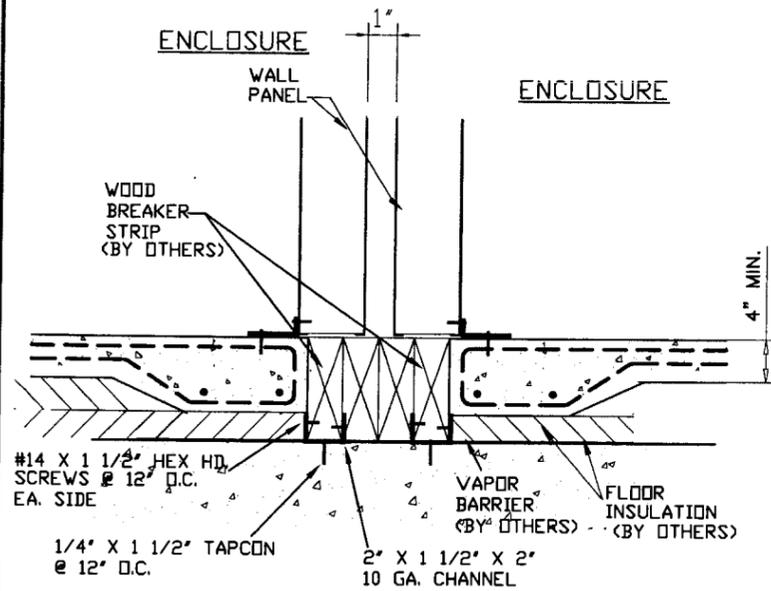
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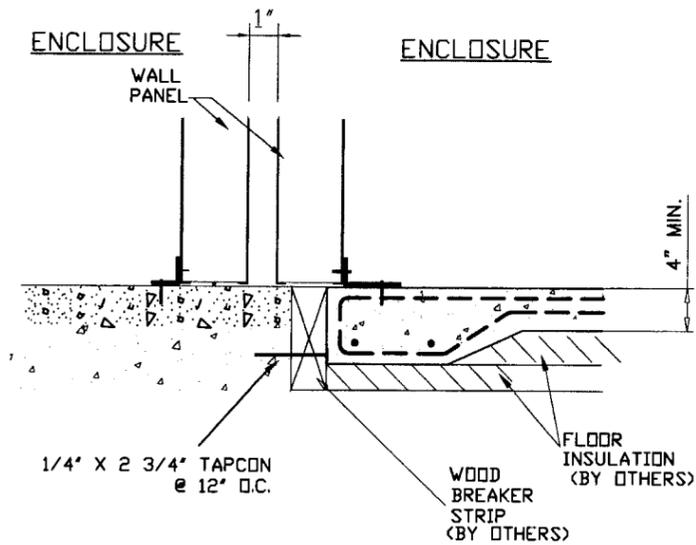
drawing no.
06-15

sheet 5 of 6

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

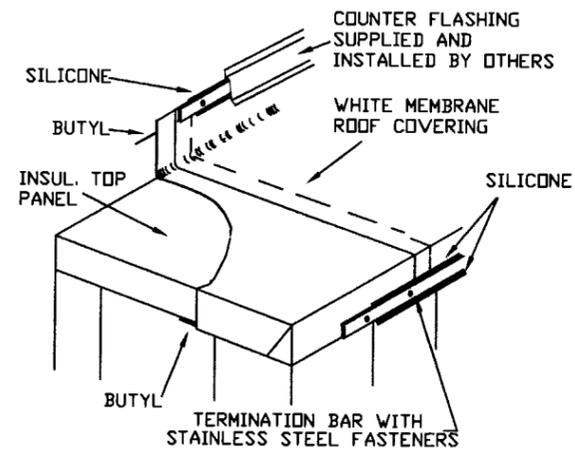


⑤ DETAIL-SECTION BETWEEN ENCLOSURES WITH INSULATED SLABS
EXTERIOR UNITS



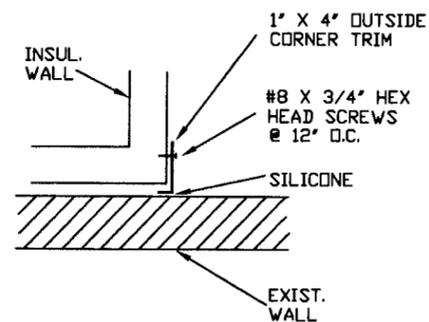
⑥ DETAIL-SECTION BETWEEN ENCLOSURE ONE WITH INSULATED SLAB
EXTERIOR UNITS

INSULATED SLAB / 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

Approved as complying with the
Florida Building Code
Date: 07/26/2007
NOA# 07-0778.07
Miami Dade Product Control
Division/
By: *Helmy A. M...*

Engr: DR. HUMAYOON FAROQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

H JUN 25 2007

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AL-FAROOQ CORPORATION
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1235 S.W. 87 AVE
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COOLER\06-15KPS

WALK-IN ENCLOSURES
KYSOR PANEL SYSTEMS
4201 NORTH BEACH ST.
FORT WORTH, TEXAS 76137
TEL. (800) 633-3426 FAX. (817) 281-4508

no	date	by	description
A	06.04.07		NO CHANGE THIS SHEET

date: 12-27-06
scale: -
dr. by: HAMID
chk. by:

drawing no.
06-15

sheet 6 of 6