



**MIAMI-DADE COUNTY**  
 DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
 AFFAIRS (PERA)  
 BOARD AND CODE ADMINISTRATION DIVISION

**MIAMI-DADE COUNTY  
 PRODUCT CONTROL SECTION**

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474  
 T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/building](http://www.miamidade.gov/building)

**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 and accepted by Miami-Dade County PERA-Product Control Section 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 Section (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. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 #B dated December 20, 2011, signed and sealed by Javad Ahmad, P.E., on March 16, 2012, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**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 revises & renews NOA # 07-0228.02 and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
 04/19/2012

NOA No. 11-0826.02  
 Expiration Date: 07/26/2017  
 Approval Date: 04/19/2012  
 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**

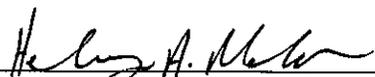
1. *Calculation titled "Panel Calculations", dated February 16, 2007, 57 pages, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.*

**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.  
PERA, Product Control Unit Supervisor  
NOA No. 11-0826.02  
Expiration Date: 07/26/2017  
Approval Date: 04/19/2012

**Welbilt Walks-Ins, LP dba KYSOR PANEL SYSTEMS**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. NEW EVIDENCE SUBMITTED**

**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 #B dated December 20, 2011, signed and sealed by Javad Ahmad, P.E., on March 16, 2012.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

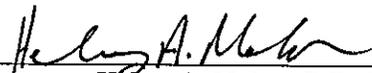
1. *Calculation, dated January 06, 2012, 23 pages, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., on January 18, 2012.*

**D. QUALITY ASSURANCE**

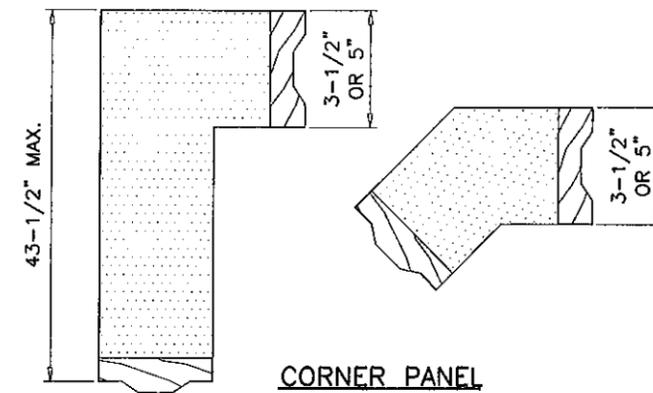
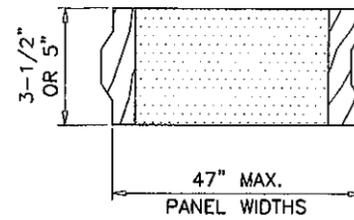
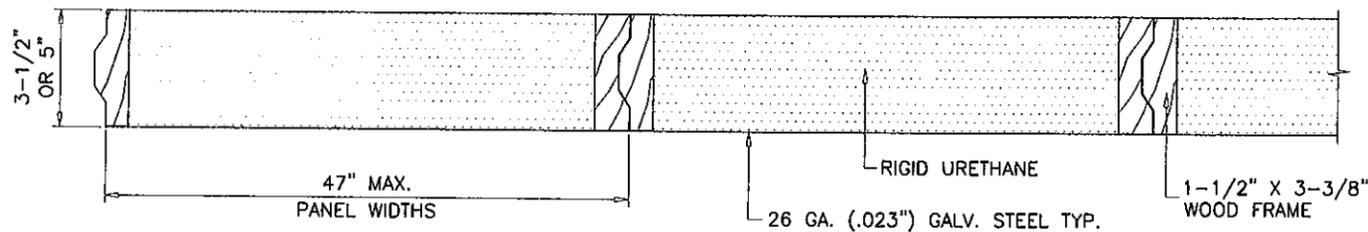
1. *By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).*

**E. MATERIAL CERTIFICATIONS**

1. *None.*



Helmy A. Makar, P.E., M.S.  
PERA, Product Control Unit Supervisor  
NOA No. 11-0826.02  
Expiration Date: 07/26/2017  
Approval Date: 04/19/2012

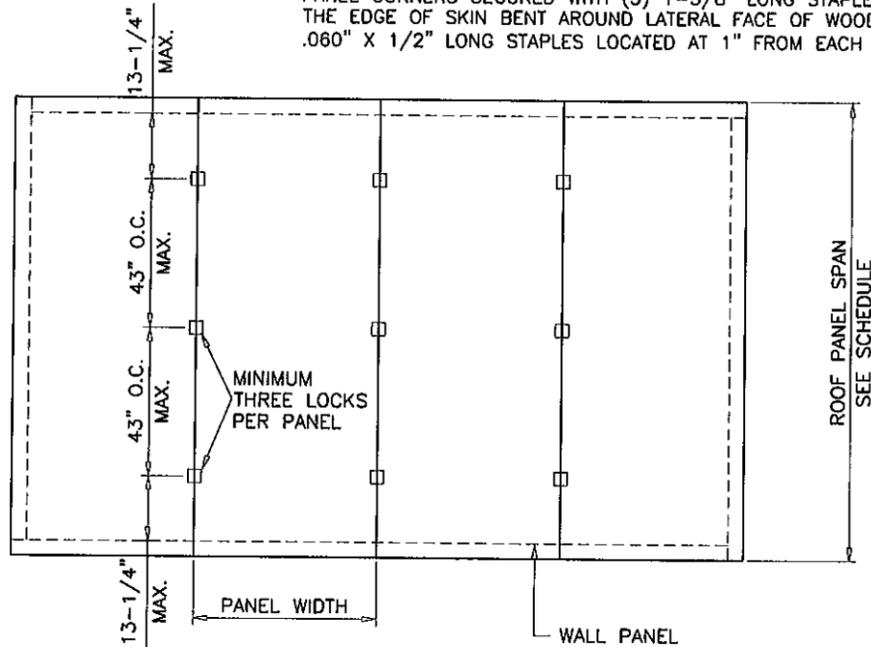


**KYSOR STRUCTURAL WOOD FRAME FOAM PANELS** SCALE: 1/8" = 1"

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"

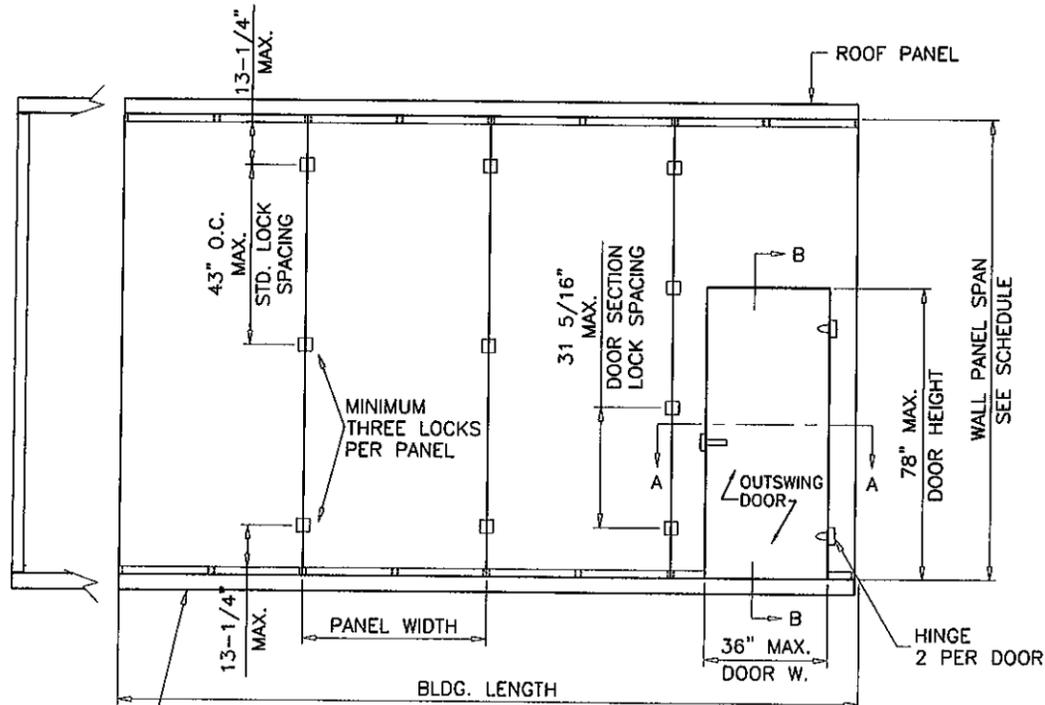
SHEET #	INDEX OF DRAWING
1 TO 3	SHOWS TYPICAL PANEL/DOOR ELEV. & DETAILS
4	SHOWS BEAM AND COLUMN CONNECTION DETAILS
5 & 6	SHOWS ADDITIONAL DETAILS FOR VARIOUS ENCLOSURE ARRANGEMENTS

**GENERAL NOTES**

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 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 THE FLORIDA BLDG. CODE SECTION 2003.8.4.
- MIN. SOIL BEARING CAPACITY = 2500 PSF.
- A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

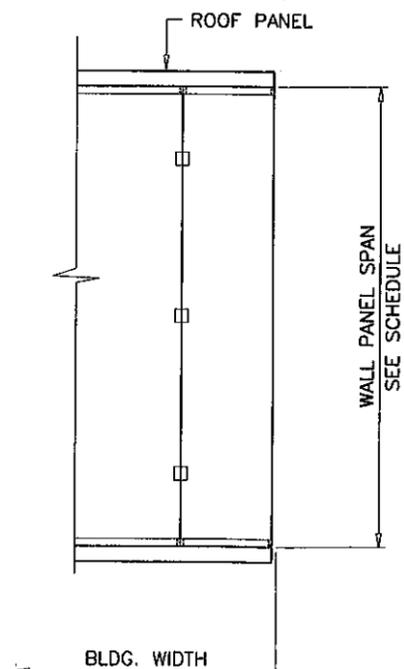
NOTE: ENCLOSURES LARGER THAN 400 SQ. FT. IN AREA SHALL BE EQUIPPED WITH AN APPROPRIATE FIRE SUPPRESSION SYSTEM, IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS.

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"

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

*[Signature]*

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 11-0826.02  
Expiration Date 7/26/2017

By *[Signature]*  
Miami Dade Product Contr'l

MAR 15 2012

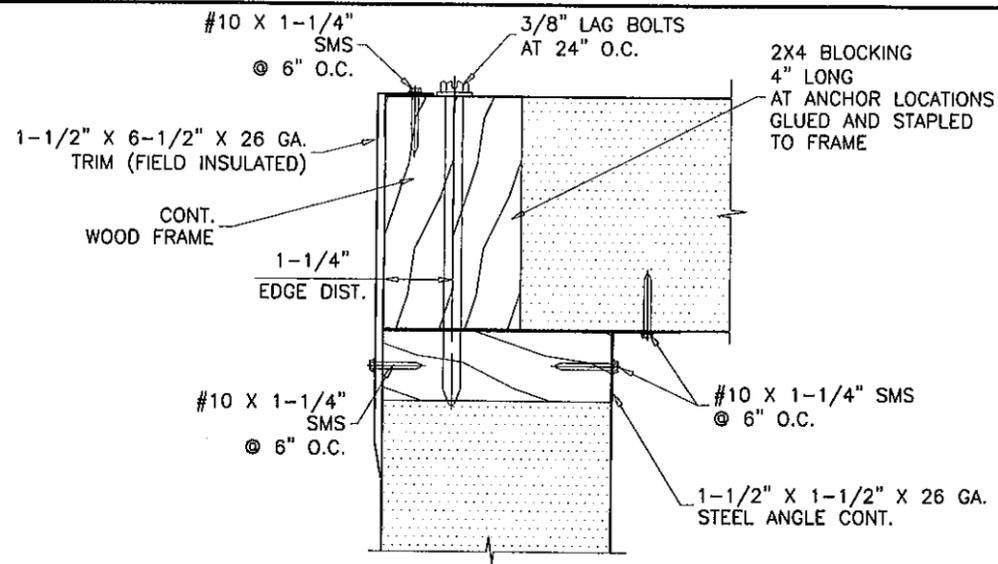
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12335 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COOLER\06-15KPS

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

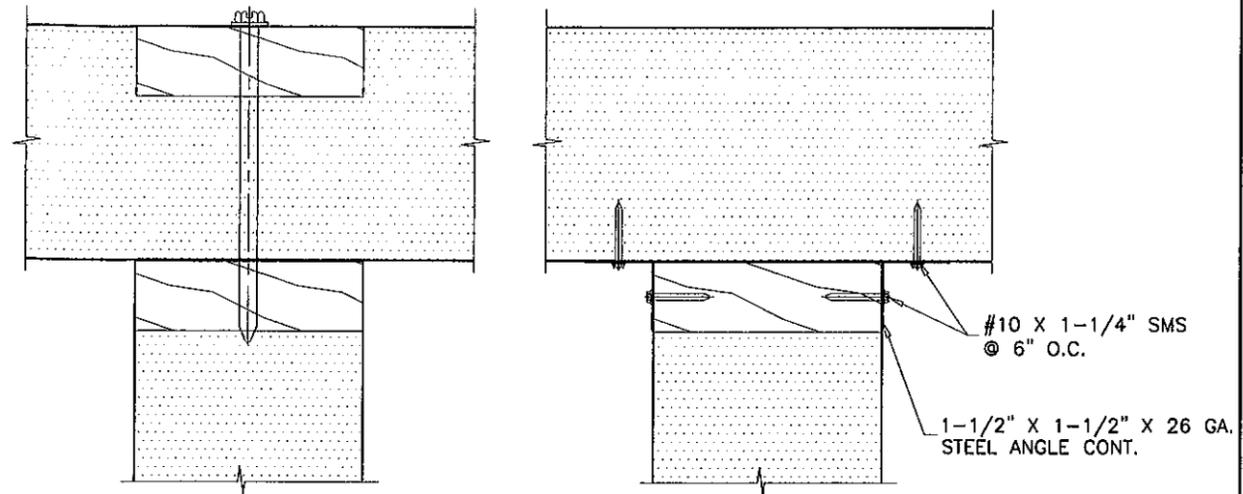
no.	date	by	description
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B	12.20.11		UPDATED TO 2010 FBC

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

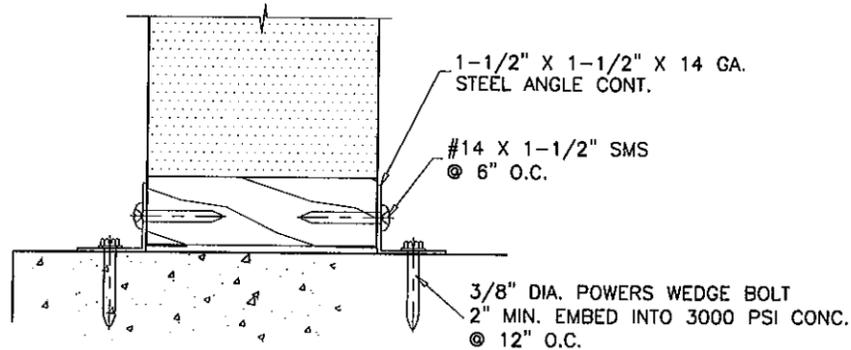
drawing no.  
**06-15**  
sheet 1 of 6



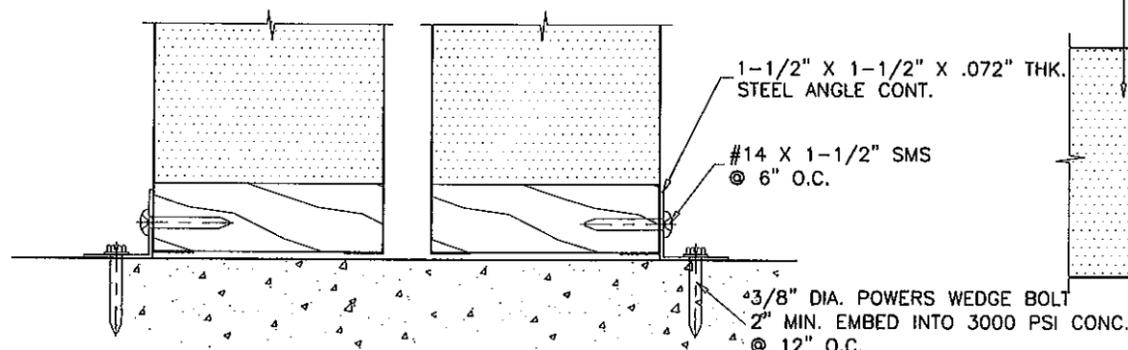
ROOF PANEL CONNECTION TO WALL



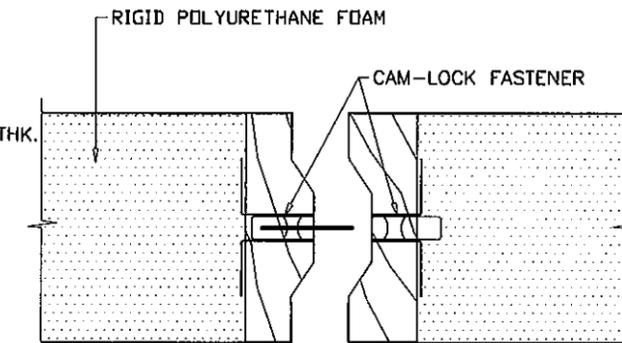
ROOF PANEL CONNECTION TO PARTITION WALL



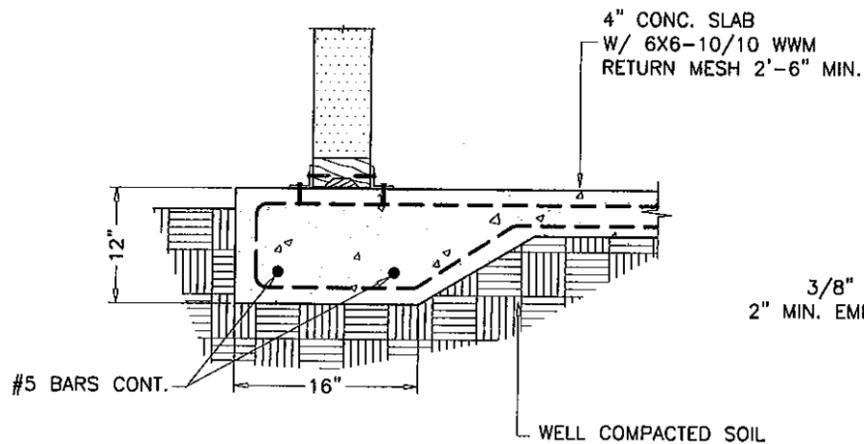
WALL CONNECTION TO FLOOR BOTH SIDES @ EXPOSED WALLS



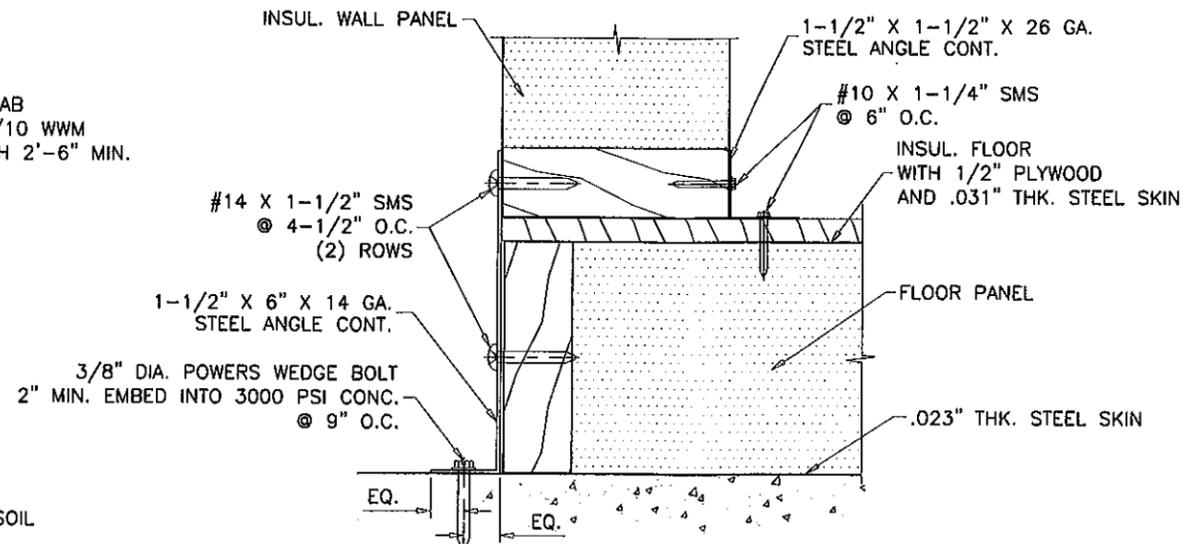
WALL CONNECTION TO FLOOR ONE SIDE WHEN ADJACENT TO ENCLOSURE OR BLDG. WALL



PANEL INTERLOCK DETAIL

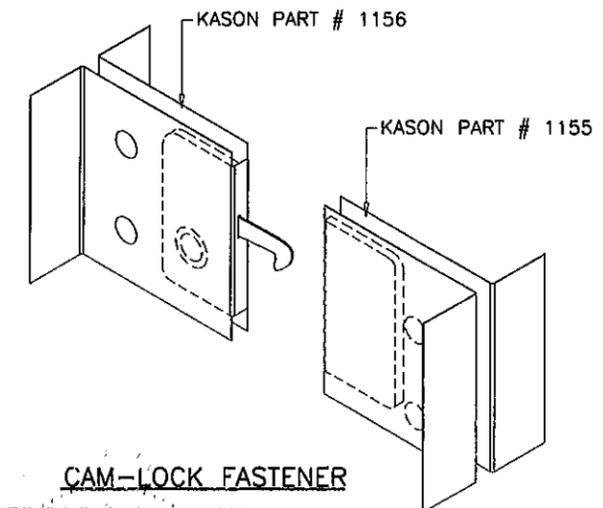


TYPICAL FOOTING SCALE: 1/16" = 1"



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.



CAM-LOCK FASTENER

Engr. JAVAD AHMAD CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538

*JA*

PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No 11-0826.02  
 Expiration Date 07/26/2017  
 By *Helmy A. Alkhatib*  
 Miami Dade Product Control

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COOLER\06-15KPS

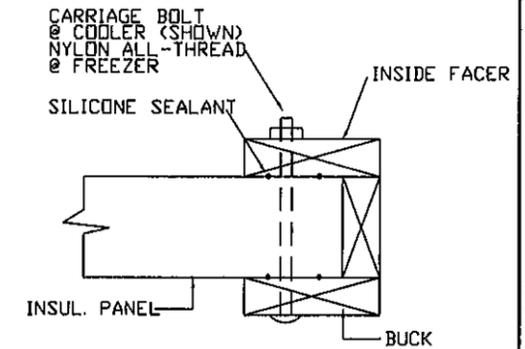
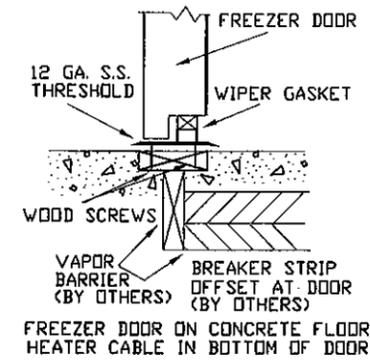
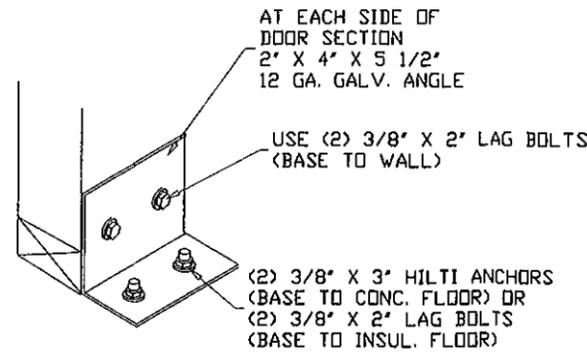
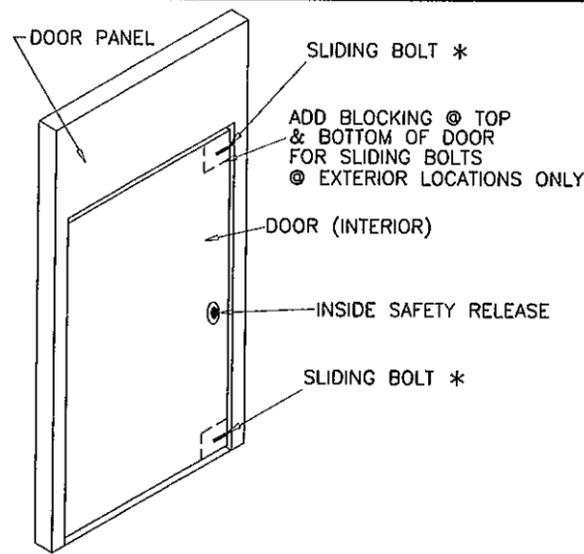
WALK-IN ENCLOSURES  
**KVSR PANEL SYSTEMS**  
 4201 NORTH BEACH ST.  
 FORT WORTH, TEXAS 76137  
 TEL. (800) 633-3426 FAX. (817) 281-4508

no	date	description
A	06.04.07	REV. PER BCCO COMMENTS
B	12.20.11	ANCHOR SPACING REV.

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

drawing no. 06-15  
 sheet 2 of 6

MAR 15 2010

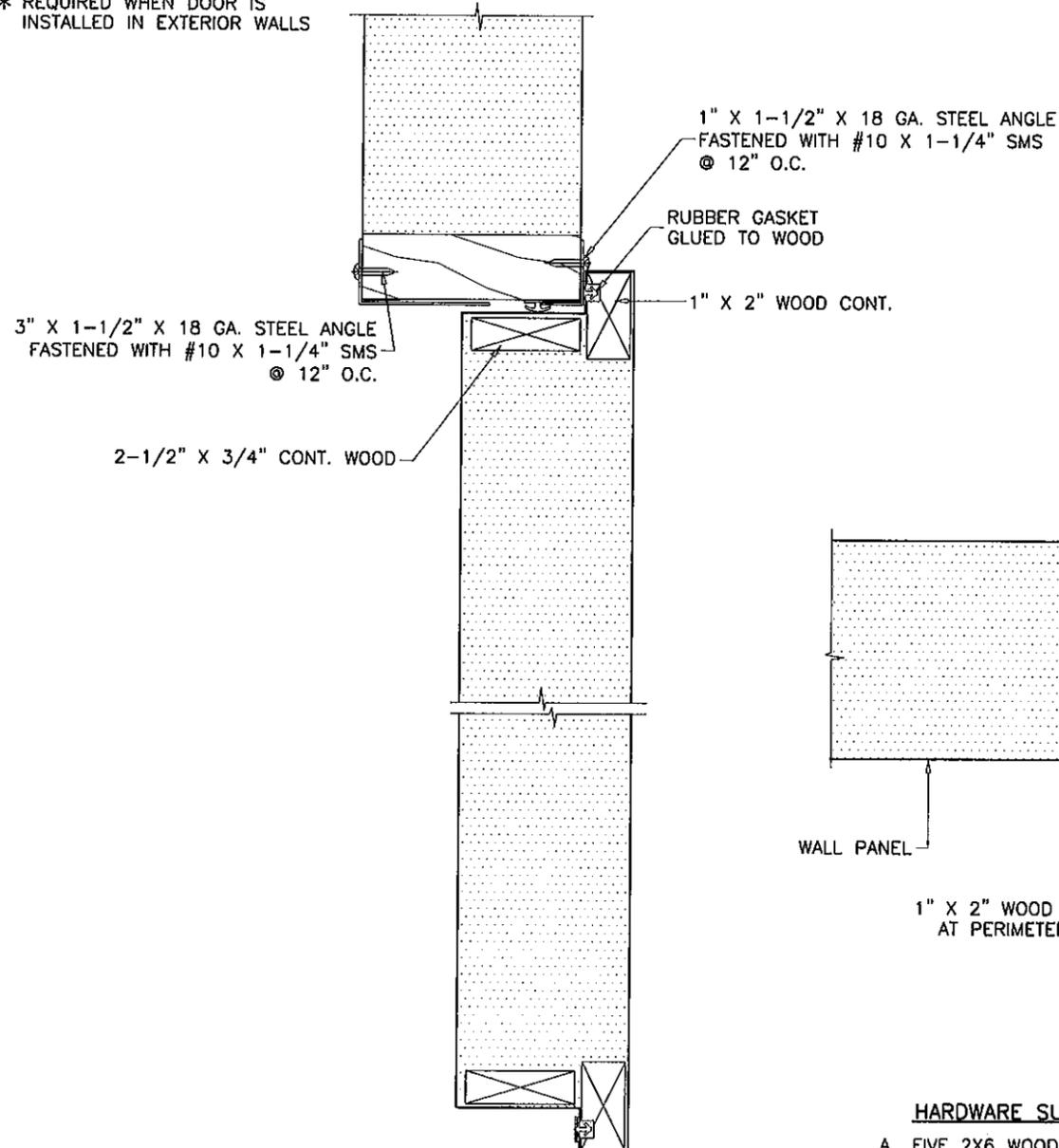


② DETAIL-DOOR STABILIZER

③ DETAIL-THRESHOLD AT INSULATED SLAB

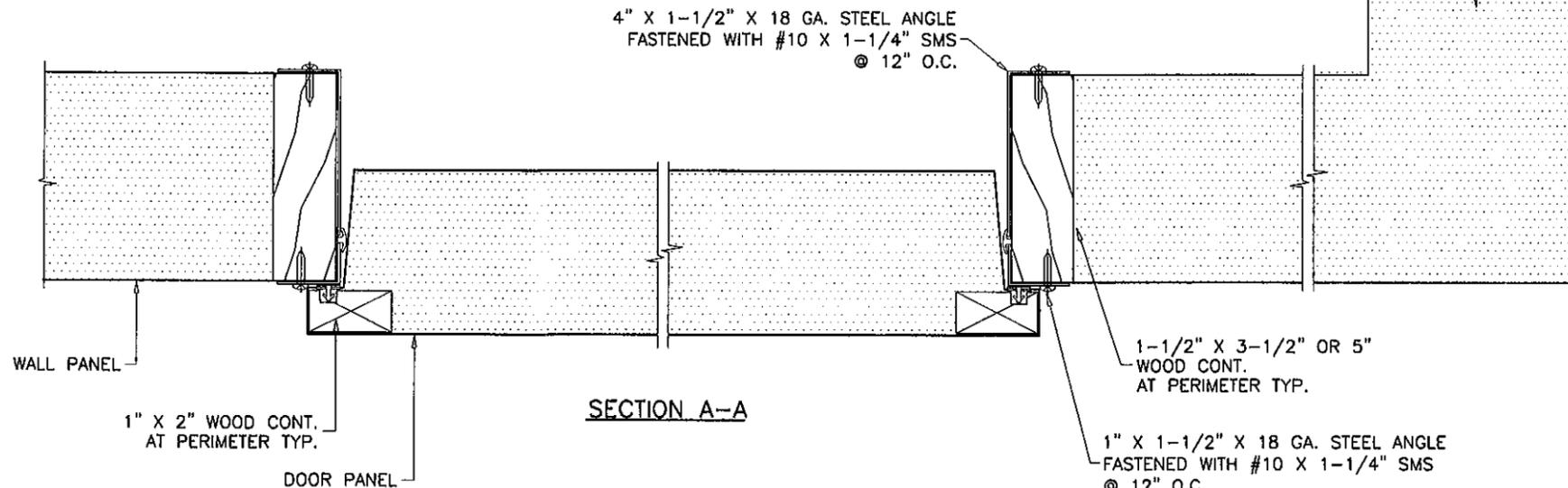
⑧ DETAIL-DOOR BUCK

\* 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



SECTION A-A  
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.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

*[Signature]*

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By: *[Signature]*  
Miami Dade Product Control

MAR 15 2012

**af c**

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WALK-IN ENCLOSURES

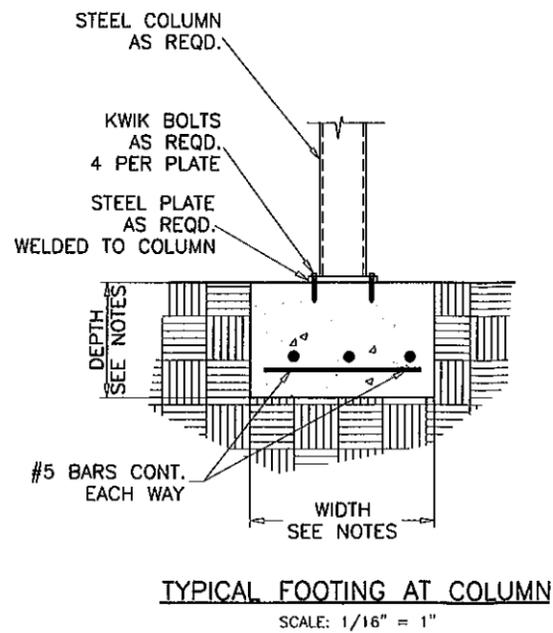
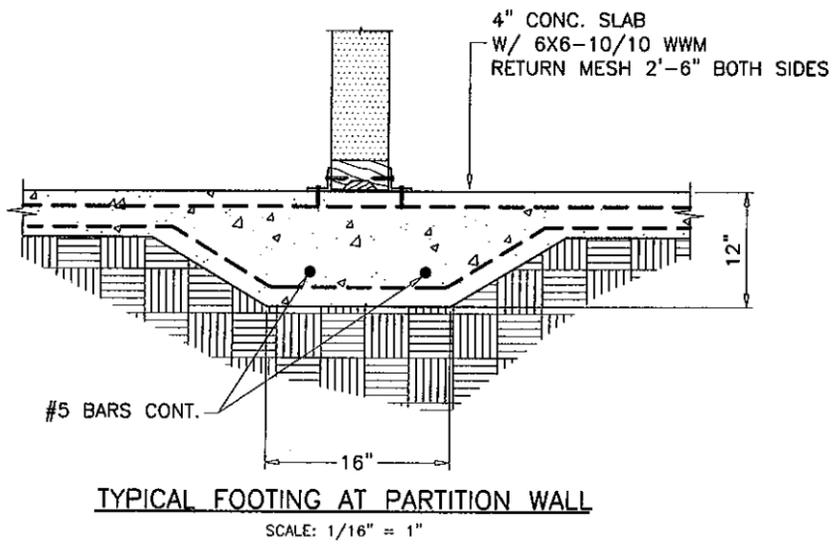
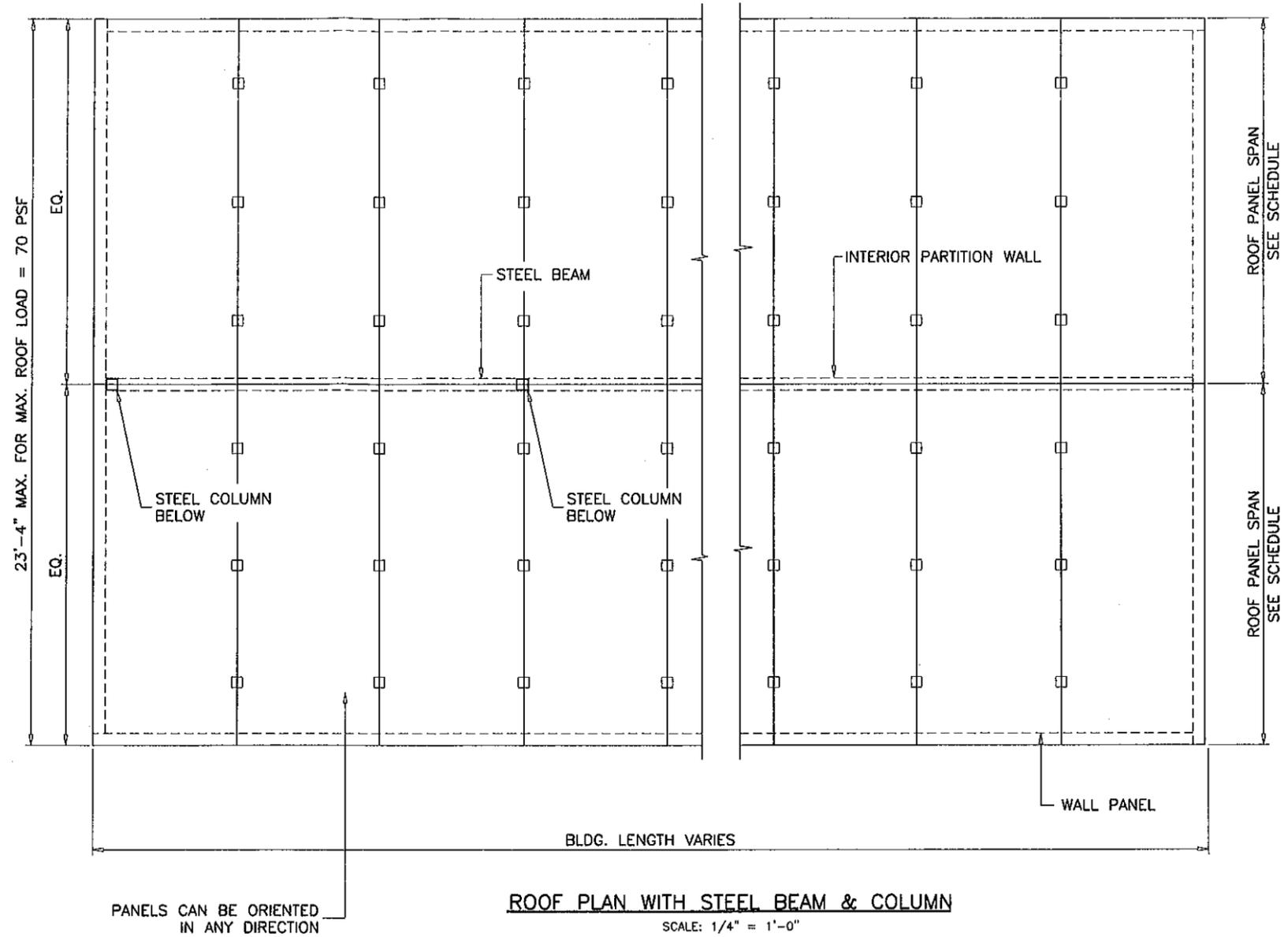
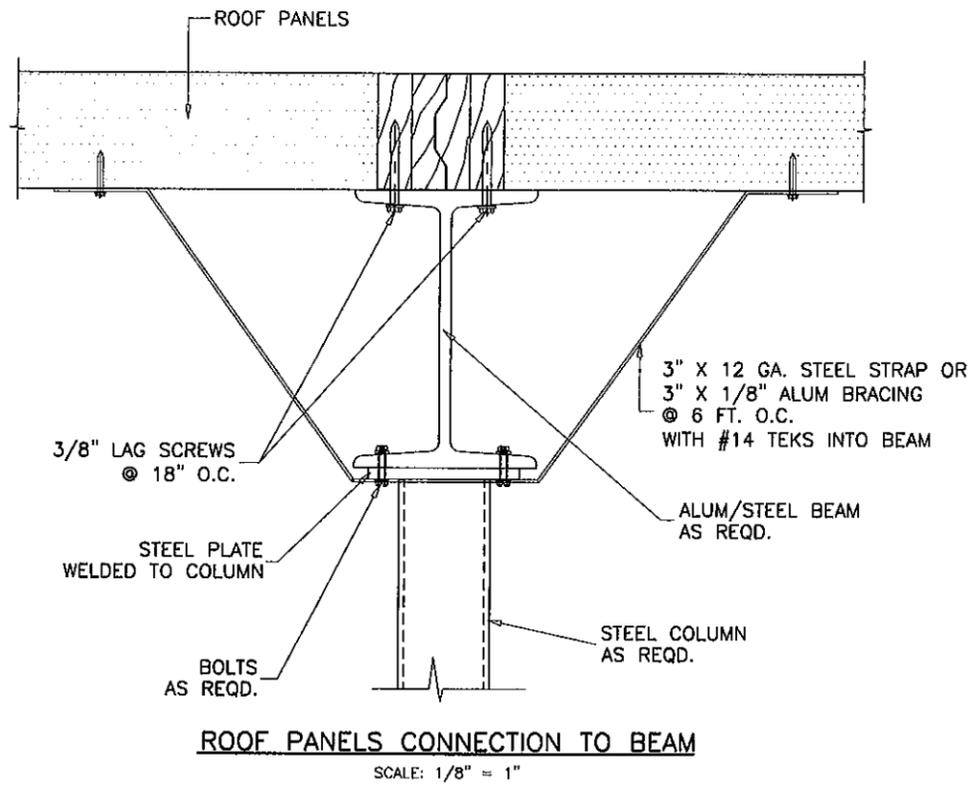
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Revisions:

no.	date	by	description
A	06.04.07	REV. PER BCCO COMMENTS	
B	12.20.11	ANCHOR SPACING REV.	

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.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538



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**af c**  
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no	date	description	by
A	06.04.07	NO CHANGE THIS SHEET	
B	12.20.11	NO CHANGE THIS SHEET	

date: 12-27-06  
scale: 1/4" = 1"  
dr. by: HAMID  
chk. by:  
drawing no. 06-15  
sheet 4 of 6

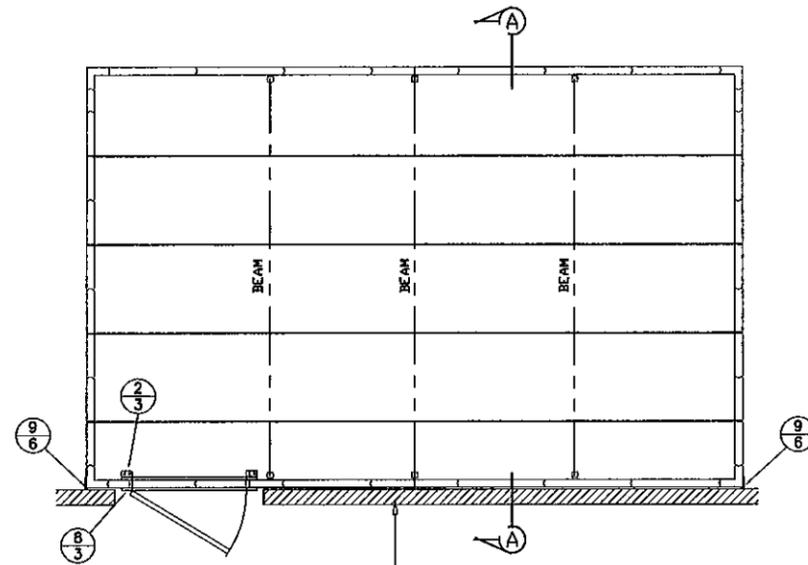
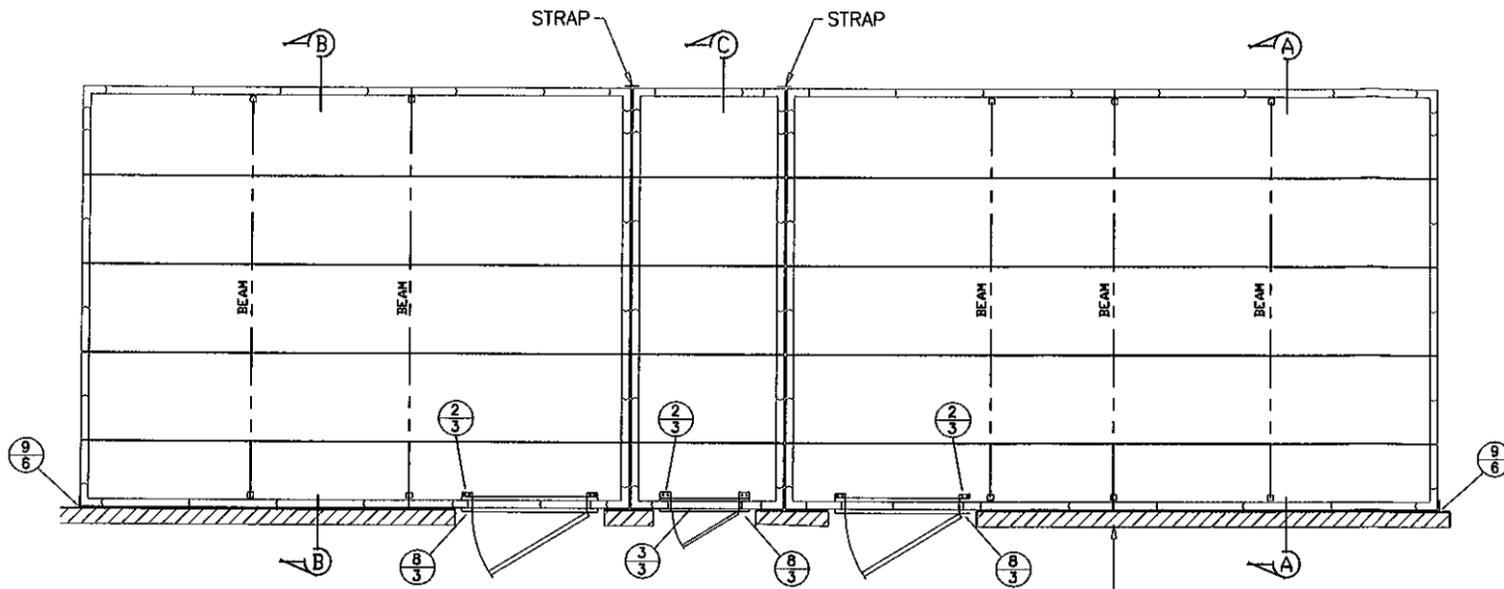
MAR 15 2012

ENCLOSURE  
NO FLOOR

ENCLOSURE  
NO FLOOR

ENCLOSURE  
NO FLOOR

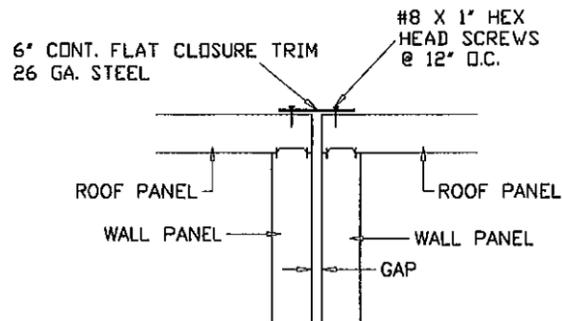
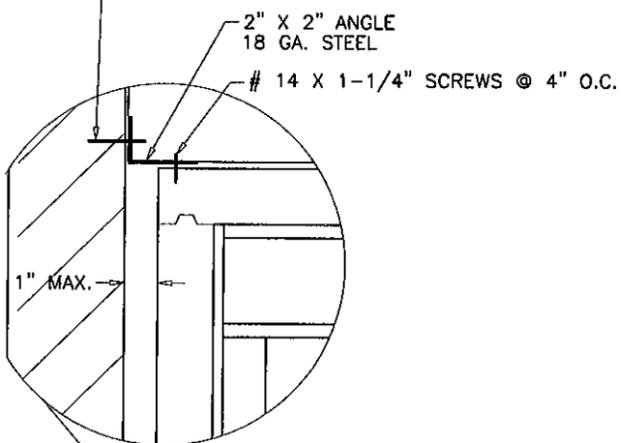
ENCLOSURE  
NO FLOOR



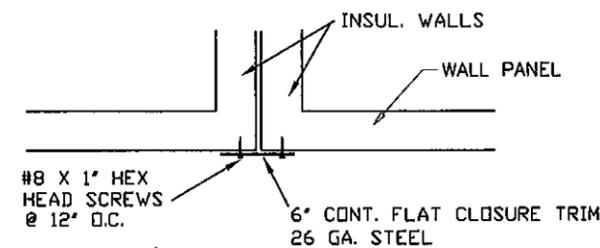
3/8" DIA. POWERS WEDGE BOLT  
WITH 2" MIN. EMBED INTO 3000 PSI CONC.  
AT 8" O.C.

EXISTING STRUCTURE WALL  
BLOCK OR CONC.

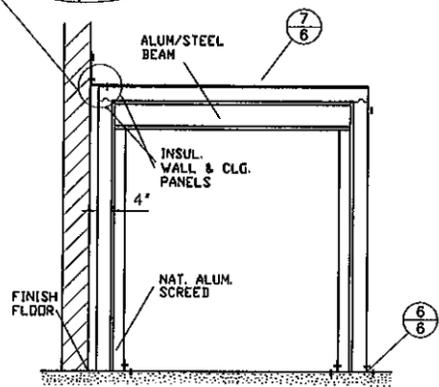
EXISTING STRUCTURE WALL  
BLOCK OR CONC.



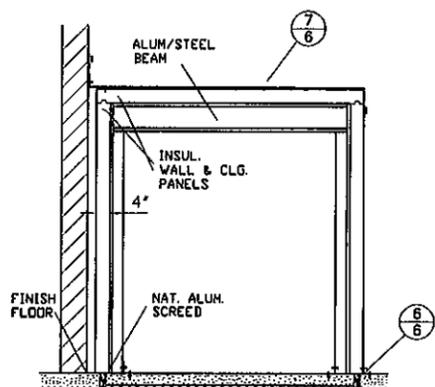
SIDE BY SIDE UNITS  
ELEVATION



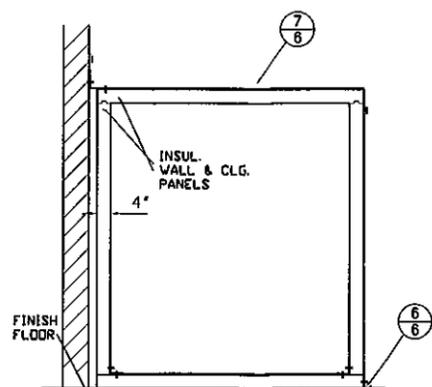
SIDE BY SIDE UNITS  
PLAN VIEW



A SECTION NO SCALE



B SECTION NO SCALE



C SECTION NO SCALE

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

*[Signature]*

MAR 15 2012

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 11-0826.02  
Expiration Date 07/26/2017  
By *[Signature]*  
Miami Data Product Control!

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COOLER 06-15KPS

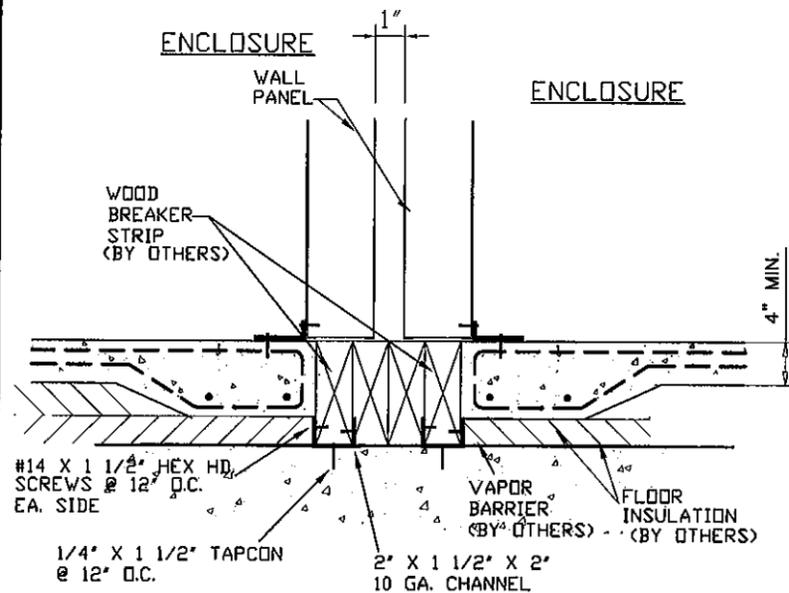
WALK-IN ENCLOSURES  
**KYSOR PANEL SYSTEMS**  
4201 NORTH BEACH ST.  
FORT WORTH, TEXAS 76137  
TEL. (800) 633-3426 FAX. (817) 281-4508

no	date	description
A	06.04.07	NO CHANGE THIS SHEET
B	12.20.11	ANCHOR SPACING REV.

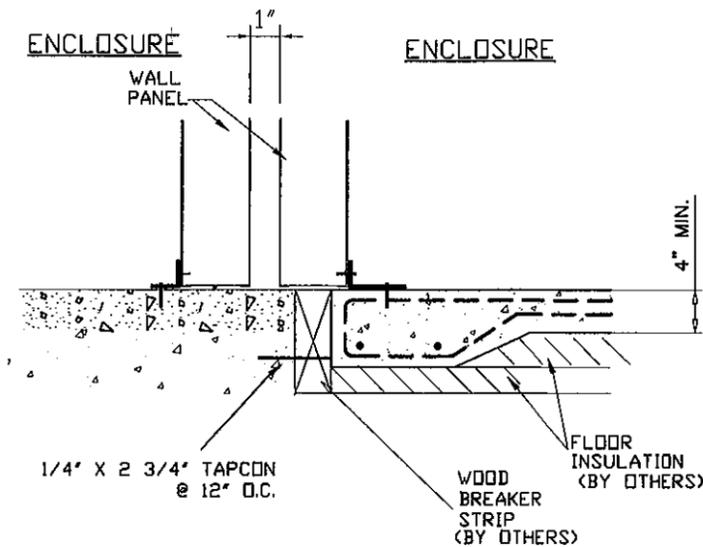
  

date: 12-27-06	scale: -	dr. by: HAMID	chk. by:
drawing no. 06-15			
sheet 5 of 6			

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

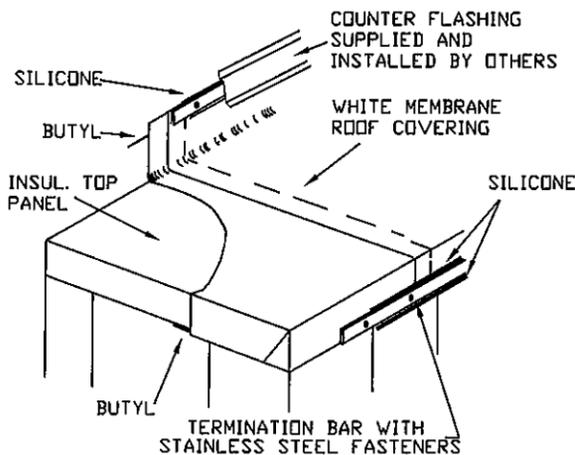


⑤ DETAIL-SECTION BETWEEN ENCLOSURES WITH INSULATED SLABS  
EXTERIOR UNITS



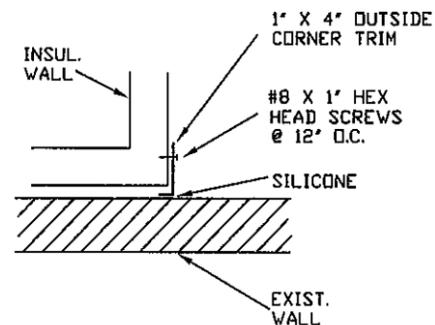
⑥ DETAIL-SECTION BETWEEN ENCLOSURE ONE WITH INSULATED SLAB  
EXTERIOR UNITS

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

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538



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By *Javad Ahmad*  
Miami Dade Product Control

**af c**  
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no	date	by	description
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B	12.20.11		NO CHANGE THIS SHEET

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

drawing no.  
**06-15**  
sheet 6 of 6

MAR 15 2012