



**MIAMI-DADE COUNTY**  
 BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)  
 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

**NOTICE OF ACCEPTANCE (NOA)**

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

**Kool Star**  
 21720 S. Wilmington, Suite 309  
 Long Beach, CA 90810

**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 Section 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 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. BORA 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 Refrigeration Units**

**APPROVAL DOCUMENT:** Drawing No. AP-9766, titled " Sample Configuration ", sheets 1 through 7 of 7, prepared by Kool Star, dated November 15, 2005, last revision "C" dated August 24, 2006, signed and sealed by Vipin N. Tolat, P.E. on October 18, 2010, bearing the Miami-Dade County Product Control Renewal 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, New Albany, MS 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 **renews NOA #08-1114.07** and 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*  
 02/10/2011

NOA No. 10-1020.03  
 Expiration Date: 02/05/2012  
 Approval Date: 02/10/2011  
 Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-1114.07**

**A. DRAWINGS**

1. *Drawing No. AP-9766, titled " Sample Configuration ", sheets 1 through 7 of 7, prepared by Kool Star, dated November 15, 2005, last revision "C" dated August 24, 2006, signed and sealed by Vipin N. Tolat, P.E. on November 11, 2008.*

**B. TESTS**

1. *See Master-Bilt NOA # 05-1222.05.*

**C. CALCULATIONS**

1. *See Master-Bilt NOA # 05-1222.05.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *See Master-Bilt NOA # 05-1222.05.*

**F. OTHERS**

1. *This approval is based on Private Label Agreement authorized by Brian Jeanes of Master-Bilt NOA # 05-1222.05.*

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. AP-9766, titled " Sample Configuration ", sheets 1 through 7 of 7, prepared by Kool Star, dated November 15, 2005, last revision "C" dated August 24, 2006, signed and sealed by Vipin N. Tolat, P.E. on October 18, 2010.*

**B. TESTS**

1. *See Master-Bilt NOA # 10-1020.02.*

**C. CALCULATIONS**

1. *See Master-Bilt NOA # 10-1020.02.*

**D. QUALITY ASSURANCE**

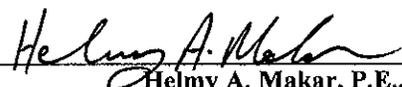
1. *By Miami-Dade County Building and Neighborhood Compliance Department.*

**E. MATERIAL CERTIFICATIONS**

1. *See Master-Bilt NOA # 10-1020.02.*

**F. OTHERS**

1. *This approval is based on Private Label Agreement authorized by Brian Jeanes of Master-Bilt NOA # 10-1020.02.*

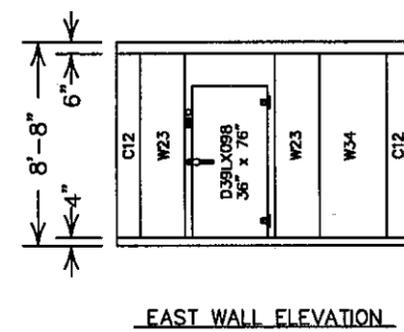
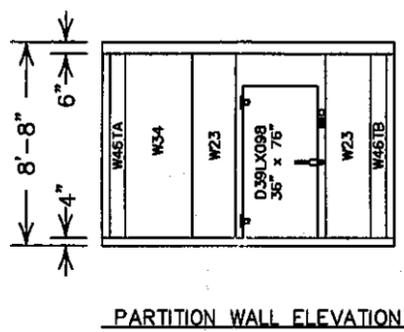
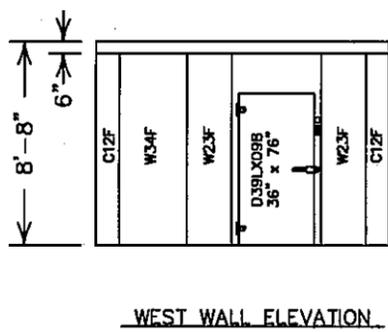
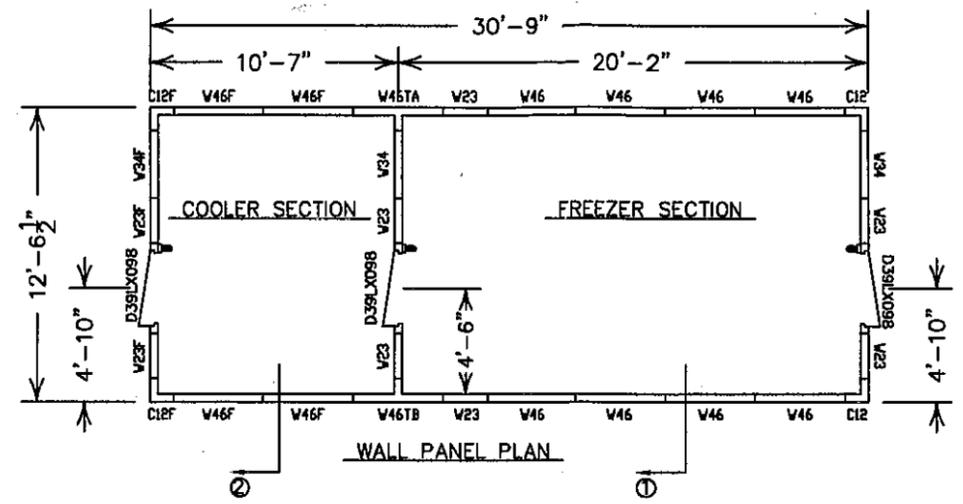
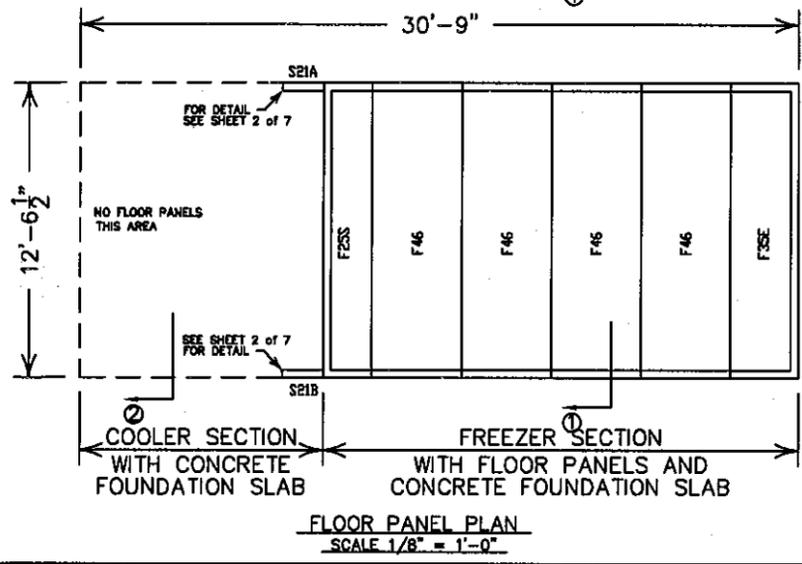
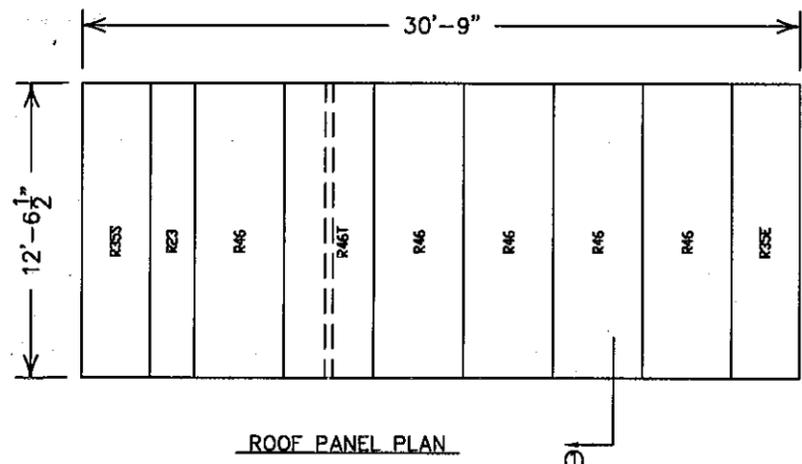


Helmy A. Makar, P.E., M.S.  
BNC, Product Control Unit Supervisor

NOA No. 10-1020.03

Expiration Date: 02/05/2012

Approval Date: 02/10/2011



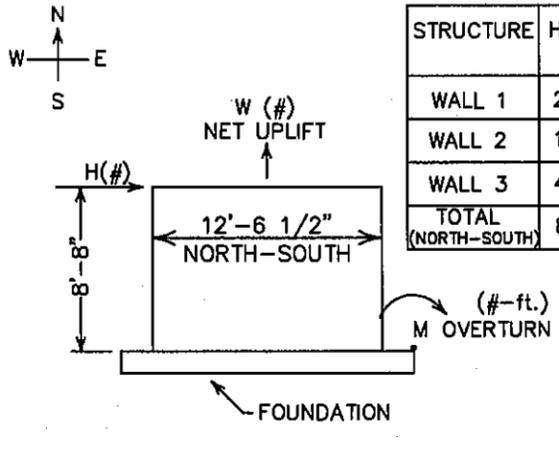
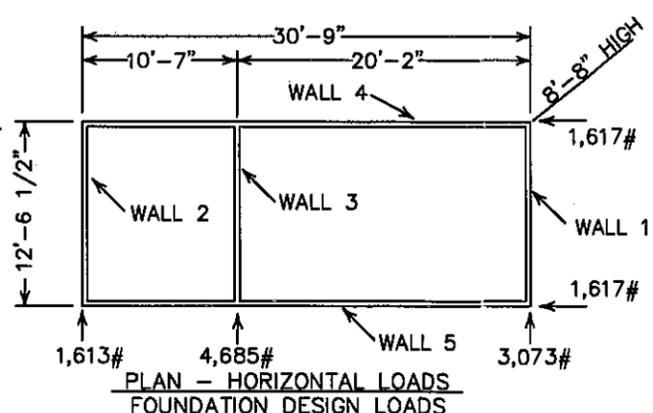
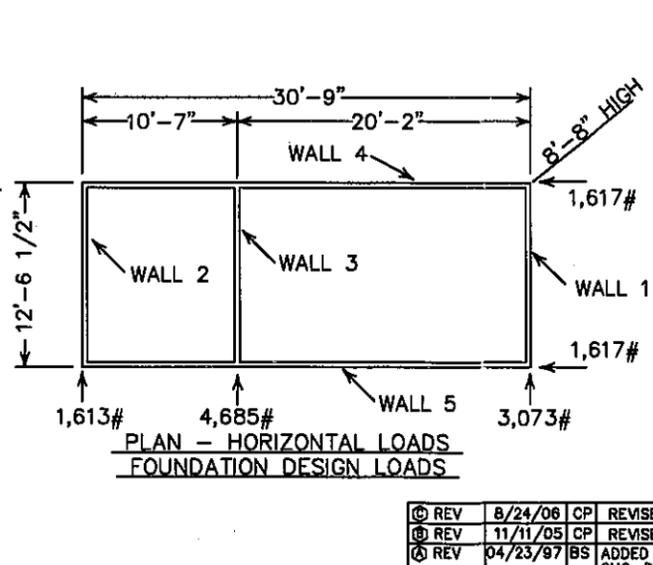
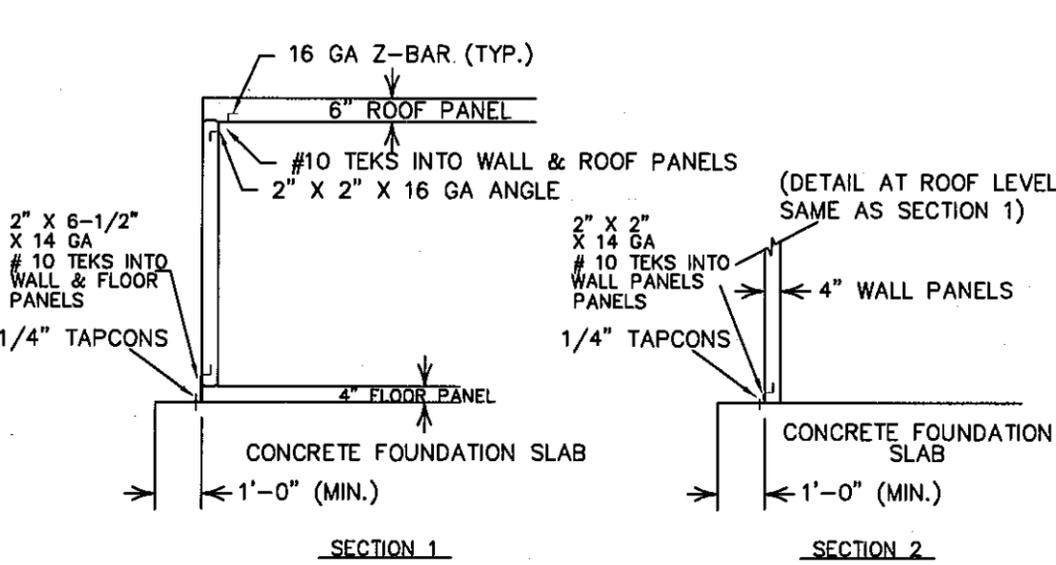
PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 10-1020-03  
Expiration Date 02/05/2012  
By *Heung A. Heung*  
Miami Data Product Control

- NOTES:**
- 1.5 SAFETY FACTOR FOR UPLIFT, OVERTURN AND SLIDING IS INCLUDED IN THE LOADS LISTED.
  - DEAD LOADS OF WALLS AND ROOFS HAVE BEEN DEDUCTED FROM UPLIFT LOADING.
  - EACH EXTERIOR INSTALLATION SHALL HAVE A FOUNDATION DESIGN BY A FLORIDA PROFESSIONAL ENGINEER FOR THE FOUNDATION LOADS SHOWN IN THE FOUNDATION LOAD TABLE.
  - M OVERTURN IS DEVELOPED BY HORIZONTAL FORCE H AND VERTICAL FORCE W. THESE UNITS ARE DESIGNED IN ACCORDANCE WITH THE CURRENT EDITION OF FLORIDA BUILDING CODE.
  - DESIGN IS BASED ON ON THE FOLLOWING TEST REPORTS, CTL #720B AND CRL #8320.
  - WIND FORCES ARE IN ACCORDANCE WITH ASCE 7 WITH A BASIC WIND VELOCITY OF 146 MPH AND 1.0 IMPORTANCE FACTOR.
  - WALL AND ROOF COMPOSITE SANDWICH PANELS ARE COMPRISED OF ALUMINUM OR GALVANIZED STEEL FACINGS WITH POURED URETHANE PLASTIC CORES. THICKNESS AND MATERIAL OF FACINGS SHALL BE AS SHOWN ON DRAWINGS.
  - ALUMINUM FACINGS: (ALUM SHEET, 3105 or 3003, ASTM B209, .032" x 48" COIL ALLOY)
 

YIELD(KSI)	MIN
(CASING FLAT) MILL FINISH 3105-H25	22
(LINER) STUCCO EMBOSSED 3003-H18	25
  - GALVANIZED FACINGS: (STEEL SHEET, ZINC COATED, CQ, ASTM A653, COATING G90, CHEM TREAT, NO OIL, MIN SPAN, 14 or 20 GA. 48" COIL)
 

YIELD(KSI)	MIN
14 GA. (0.076") BASE METAL	46.0
20 GA. (0.038") BASE METAL	42.0
  - GALVANIZED FRAMING MEMBERS: (SHALL BE STEEL ANGLES, ZINC COATED, ASTM A653, COATING G90, WITH THE FOLLOWING THICKNESS AS SHOWN ON DWG.)
 

YIELD(KSI)	MIN
14 GA. (0.076") BASE METAL	42.0
16 GA. (0.080") BASE METAL	42.0
  - MINIMUM DENSITY OF URETHANE PANEL CORE SHALL BE 2.2 PCF. THE ONLY FOAM TYPES TO BE USED IN THIS APPROVAL SHALL BE AS STATED IN FM TEST REPORT J.I. 2X1A0.AM DATED 03/30/94, FM TEST REPORT J.I. 0B2A6.AM DATED 08/09/96 OR FM TEST REPORT 3B6A5.AM DATED 03/31/97
  - ROOF PANEL: DEAD LOAD = 5.2D PSF, AND MAXIMUM LIVE LOAD = 30 PSF
  - FLOOR PANEL: DEAD LOAD = 1.66 PSF, AND MAXIMUM LIVE LOAD = 250 PSF
  - WALL PANEL: DEAD LOAD = 1.66 PSF
  - CONCRETE FOUNDATION TO DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AFTER 28 DAYS. CONCRETE MIXURE AND PLACEMENT TO COMPLY WITH THE ACI BUILDING CODE, CURRENT EDITION.
  - REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60. WELDED WIRE FABRIC SHALL COMPLY WITH ASTM A-185.
  - MINIMUM SOIL BEARING CAPACITY SHALL BE 2500 PSF
  - DISSIMILAR METALS IN CONTACT WITH EACH OTHER SHALL BE PROTECTED BY "KOPPERS BITUMINOUS PAINT" ACCORDING TO CURRENT FLORIDA BUILDING CODE
  - ALL CONCRETE ANCHORS SHALL BE AS SPECIFIED ON THESE DRAWINGS WITH THE EMBEDMENT LENGTHS NOTED SHALL NOT INCLUDE FINISH MATERIAL.



STRUCTURE	H (#)	W NET UPLIFT (#)	M OVERTURN (#-ft.)
WALL 1	2,858	1,614	36,160
WALL 2	1,500	1,614	23,787
WALL 3	4,358	2,166	53,014
TOTAL (NORTH-SOUTH)	8,716	5,394	112,961

VIPIN N. TOLAT, PE (CIVIL)  
FL. REG. # 12847  
15123 LANTERN CREEK LN.  
HOUSTON, TX 77068

*Handwritten signature and date: 10/18/10*

**SECTION 1**

2" X 6-1/2" X 14 GA #10 TEKS INTO WALL & FLOOR PANELS  
1/4" TAPCONS  
CONCRETE FOUNDATION SLAB  
1'-0" (MIN.)

**SECTION 2**

4" WALL PANELS  
#10 TEKS INTO WALL PANELS  
1/4" TAPCONS  
CONCRETE FOUNDATION SLAB  
1'-0" (MIN.)

REV	DATE	BY	DESCRIPTION
© REV	8/24/06	CP	REVISED PER V. TOLAT'S NOTES
© REV	11/11/05	CP	REVISED PER FBC AND ASCE 7
© REV	04/23/97	BS	ADDED FOUNDATION DETAILS, NOTES 4 THRU 16 CHG. DOOR NUMBER TO MATCH TESTED DOOR.

SPECIFICATIONS	
URETHANE FOAM:	4" WALLS, 6" ROOF
SIZE:	W: 12'-6.5", L: 30'-9.0", H: 8'-8.0"
DOOR OPNG:	36" x 76"
INT. FIN.	R 20 GA GALV STEEL
INT. FIN.	W 0.032 STUCCO ALUMINUM
EXT. FIN.	F 0.080 TEXTURED ALUMINUM
EXT. FIN.	R 0.032 FLAT ALUMINUM
EXT. FIN.	W 0.032 FLAT ALUMINUM
EXT. FIN.	F 0.032 FLAT ALUMINUM
ROOF LOAD =	** PSF (MAX. LL + DL)

REV.	DATE	ECN NO.	REMARKS

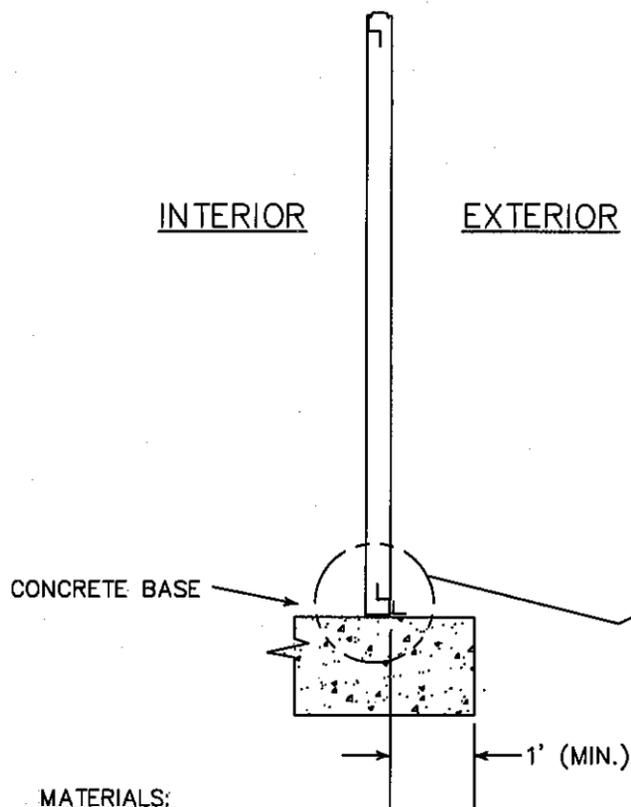
**Kool Star**

21720 S. Wilmington, Suite 309 • Long Beach, CA 90810  
Tel. (310) 952-8000 • Fax (310) 513-8156

DRAWN BY: CAD NO. AP-9766  
BHS/CP  
CHECKED BY: DATE 11/15/05  
APPV. BY: PAGE 1 OF 7 SCALE 3/8" = 1'-0"

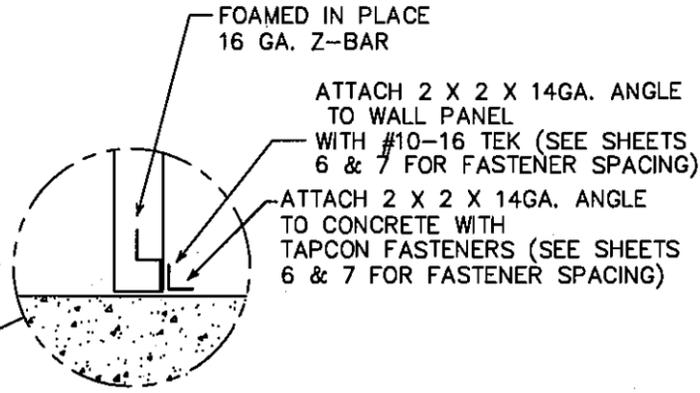
DIMENSIONS ARE IN INCHES UNLESS NOTED	TOLERANCE UNLESS NOTED +/- 0.031
CUSTOMER	BUILDING CODE COMPLIANCE OFFICE
CUST. LOC.	MIAMI, FL
TITLE	SAMPLE CONFIGURATION
DESC.	ROOF, FLOOR, WALL PANELS
	FOUNDATION LOADS
	STRUCTURAL NOTES
MODEL NO.	PROPOSED UNIT
REVISION	REV. B

**WALL PANEL  
FLOORLESS**

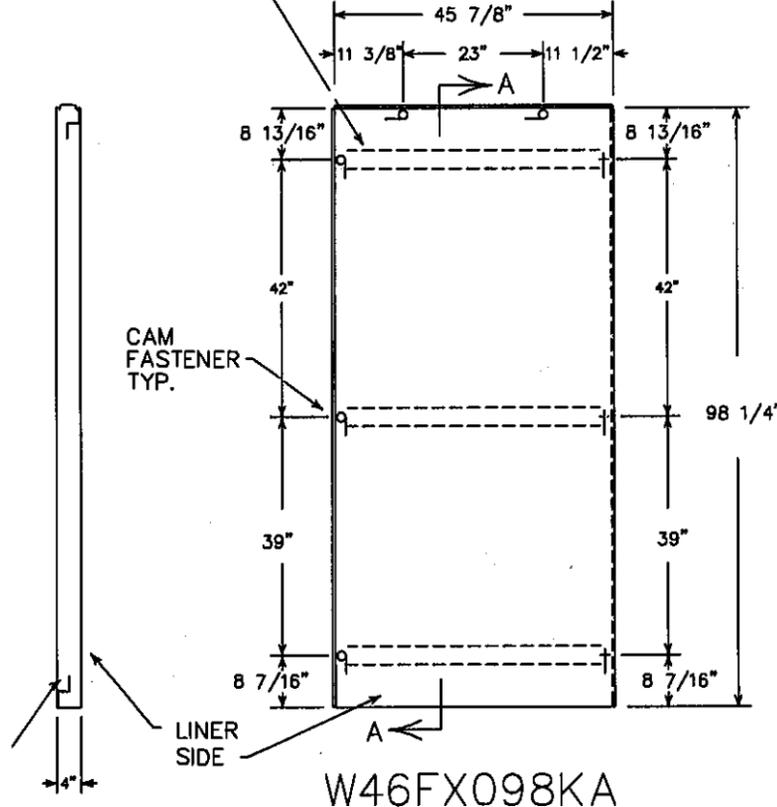


**MATERIALS:**  
2x2x14GA ANGLE x UNIT DIMENSION  
2 1/2 x 2 x 2 1/2 Z-BAR x PANEL DIMENSION

**FASTENERS:**  
(SEE FASTENER DETAILS SHEET #6 AND #7)  
#10-16 TEK SMS.  
1/4" x 1 3/4" HEX WASHER-HEAD TAPCON FASTENERS.  
M/B CAM-LOCK. SPACING AS DIMENSIONED



OPPOSITE CAM LOCKS CONNECTED WITH  
3" x 20 GA STRAP (STANDARD CONSTRUCTION)



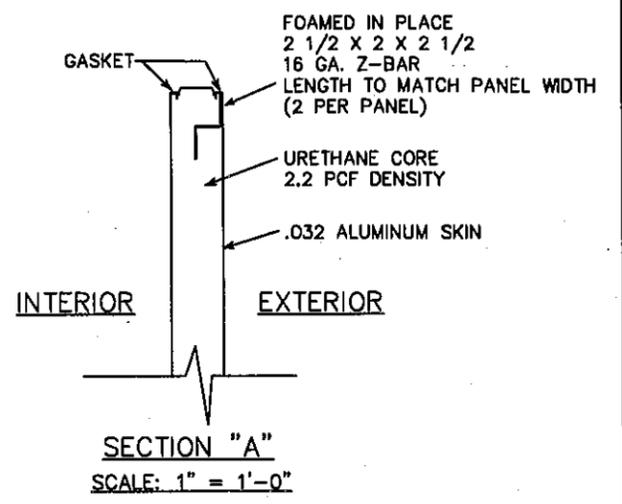
**W46FX098KA  
WALL PANEL ELEVATION**  
LINER: .032" STUCCO ALUM  
CASING: .032" FLAT ALUM



**S21A--004KA**  
LINER: .032" STUCCO ALUM  
CASING: .032" FLAT ALUM  
**S21A PANEL ELEVATION**

**S21B--004KA**  
LINER: .032" STUCCO ALUM  
CASING: .032" FLAT ALUM  
**S21B PANEL ELEVATION**

NOTE: THESE PANELS FOR TRANSITION FROM  
FLOOR PANEL TO CONCRETE FLOOR SLAB



VIPIN N. TOLAT, PE (CIVIL)  
FL. REG. # 12847  
15123 LANTERN CREEK LN.  
HOUSTON, TX 77068

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 10-1020-03  
Expiration Date 02/05/2012  
By *[Signature]*  
Miami Dade Product Control

*[Handwritten Signature]*  
10/18/10

REV D	8/24/06	CP	REVISED PER V. TOLAT'S NOTES
REV C	11/15/05	CP	REVISED PER CURRENT FBC
REV B	08/11/97	BS	ADD FOR FASTENER SPACING SEE SHT 6 OF 6
REV A	04/23/97	BS	ADD INSIDE ANGLE AT WALL AND FLOOR ADD S21A AND S21B DETAILS

THE ONLY FOAM TYPES TO BE USED IN  
THE MANUFACTURE OF PANELS TO BE  
AS SHOWN ON THE SUBMITTED FM TEST  
REPORT J.I. 2X1A0.AM DATED 03/30/94,  
FM TEST REPORT J.I. 0B2A6.AM DATED  
08/09/96, FM TEST REPORT 3B6A5.AM  
DATED 03/31/97 AND/OR FM TEST  
REPORT 3022512 DATED 12/10/04 ARE  
TO BE THE ONLY FOAM TYPES TO BE  
USED IN THIS APPROVAL.

SPECIFICATIONS		REV.	DATE	ECN NO.	REMARKS
INT.	R 20 GA GALV STEEL				
FIN.	W 0.032 STUCCO ALUMINUM				
	F 0.080 TEXTURED ALUMINUM				
EXT.	R 0.032 FLAT ALUMINUM				
FIN.	W 0.032 FLAT ALUMINUM				
	F 0.032 FLAT ALUMINUM				
	ROOF LOAD = ** PSF (MAX. LL + DL)				

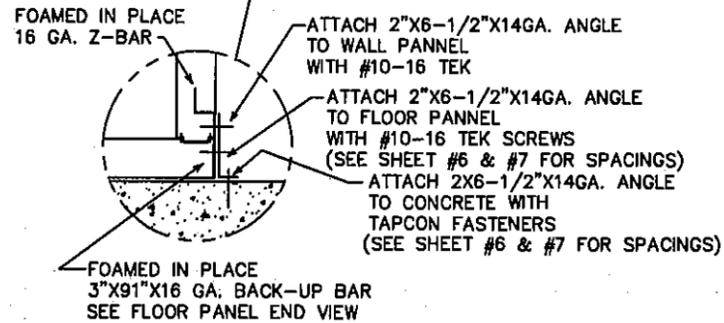
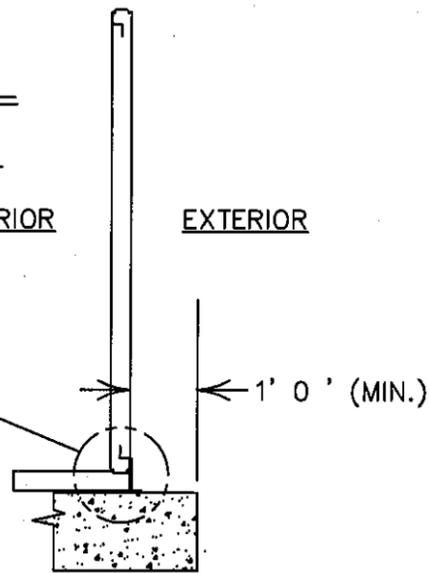
**Kool Star**  
21720 S. Wilmington, Suite 309 • Long Beach, CA 90810  
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DRAWN BY BHS/CP  
CAD NO. AP-9766  
CHECKED BY DATE 11/15/05  
APPV. BY PAGE 2 OF 7  
SCALE 3/8" = 1'-0"

DIMENSIONS ARE IN INCHES UNLESS NOTED	TOLERANCE UNLESS NOTED +/- 0.031
CUSTOMER	BUILDING CODE COMPLIANCE OFFICE
CUST. LOC.	MIAMI, FL
TITLE	SAMPLE CONFIGURATION
DESC.	WALL PANEL / FLOORLESS
MODEL NO.	PROPOSED UNIT
REVISION	C

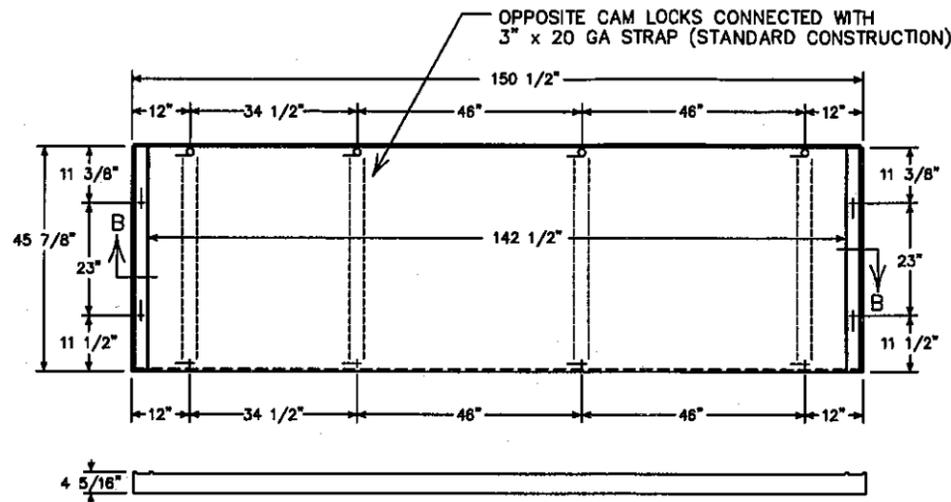
# WALL PANEL WITH FLOOR

INTERIOR EXTERIOR



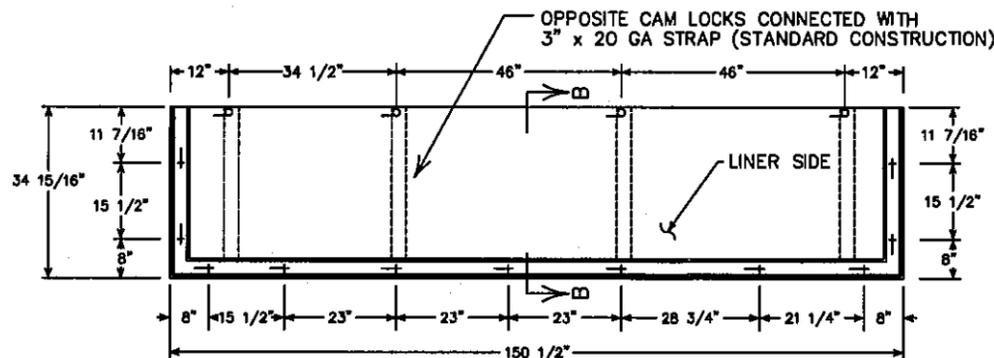
**MATERIALS:**  
 PCS 2 1/2 x 2 x 2 1/2 Z-BAR x PANEL DIMENSION  
 3\"/>

**FASTENERS:**  
 (SEE FASTENER DETAILS SHEET #6 AND #7)  
 #10-16 TEK SCREWS  
 1/4\"/>



**F46X-150GA**  
 LINER: 14 GA. GALV.  
 CASING: .032 FLAT ALUM

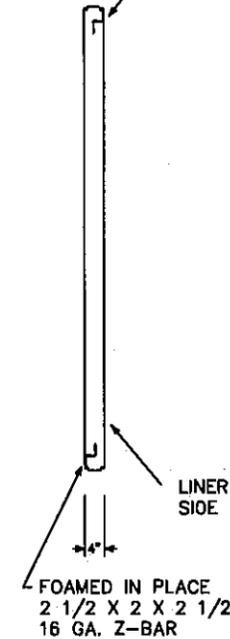
## TYPICAL FLOOR PANEL



**F35--150GA**  
 LINER: 0.080 TEXTURED ALUMINUM  
 CASING: .032 FLAT ALUM  
**TYPICAL FLOOR END PANEL**

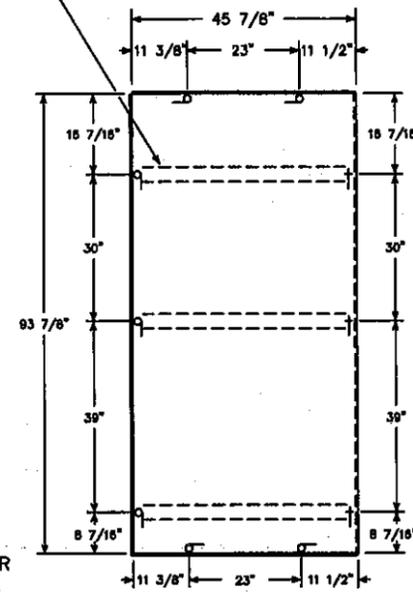
OPPOSITE CAM LOCKS CONNECTED WITH 3\"/>

FOAMED IN PLACE 2 1/2 X 2 X 2 1/2 16 GA. Z-BAR



FOAMED IN PLACE 3\"/>

## FLOOR PANEL END VIEW SECTION B



**W46FX094KA**  
 LINER: .032\"/>

## WALL PANEL ELEVATION

VIPIN N. TOLAT, PE (CIVIL)  
 FL. REG. # 12847  
 15123 LANTERN CREEK LN.  
 HOUSTON, TX 77068

PRODUCT RENEWED as complying with the Florida Building Code  
 Acceptance No 10-1020-03  
 Expiration Date 02/05/2012  
 By *Helmut A. ...*  
 Miami Dade Product Control

*CPN/BBB*  
 10/18/10

REV D 8/24/08	CP	REVISED PER V. TOLAT'S NOTES
REV C 11/15/05	CP	REVISED PER CURRENT FBC
REV B 08/11/97	BS	ALSO SHOW CAMLOCK CONNECTION ALL VIEWS
REV A 04/23/97	BS	CHANGE TYP FLOOR STARTER TO SHOW LATCHES

THE ONLY FOAM TYPES TO BE USED IN THE MANUFACTURE OF PANELS TO BE AS SHOWN ON THE SUBMITTED FM TEST REPORT J.I. 2X1A0.AM DATED 03/30/94, FM TEST REPORT J.I. OB2A6.AM DATED 08/09/96, FM TEST REPORT 3B6A5.AM DATED 03/31/97 AND/OR FM TEST REPORT 3022512 DATED 12/10/04 ARE TO BE THE ONLY FOAM TYPES TO BE USED IN THIS APPROVAL.

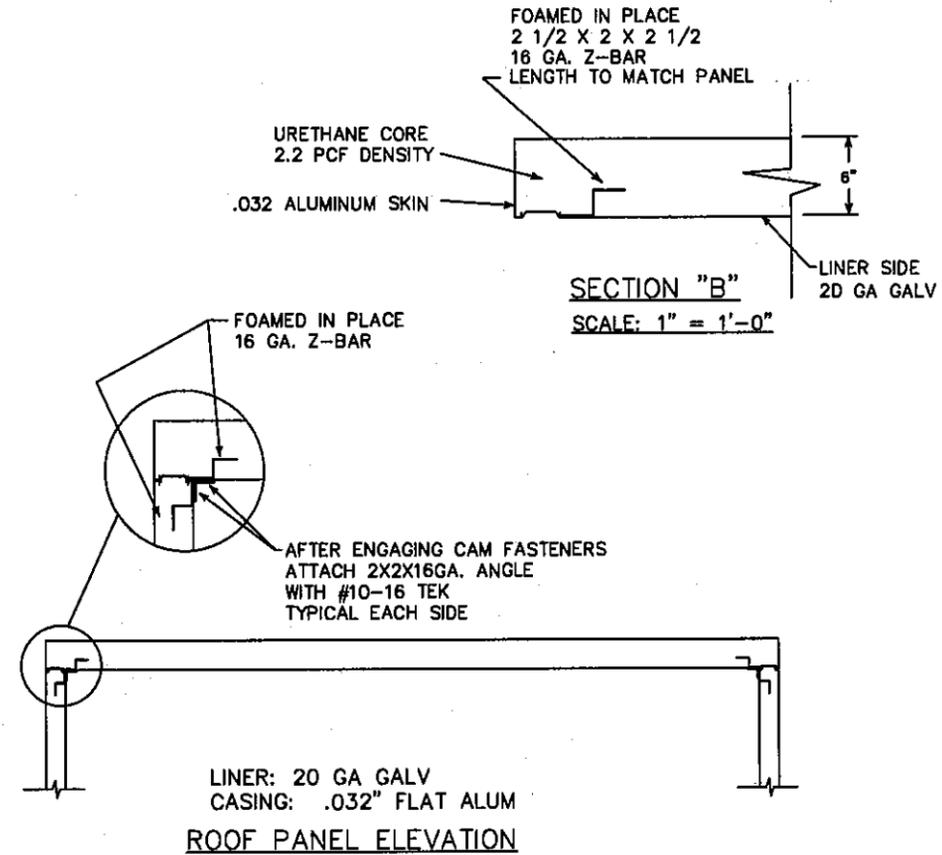
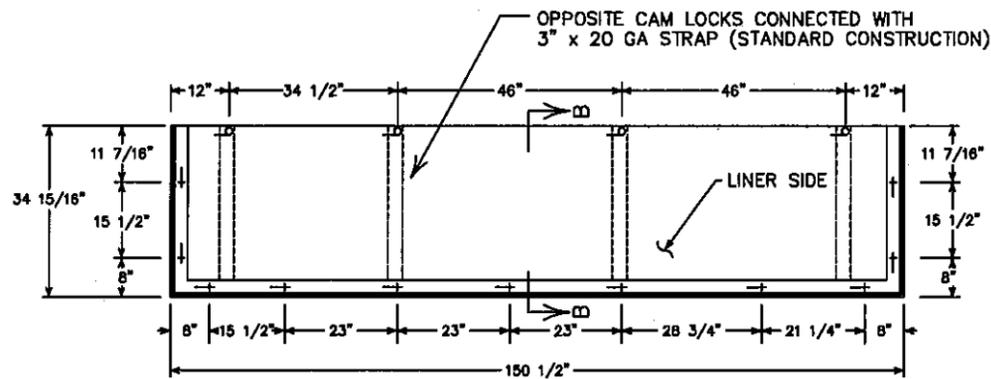
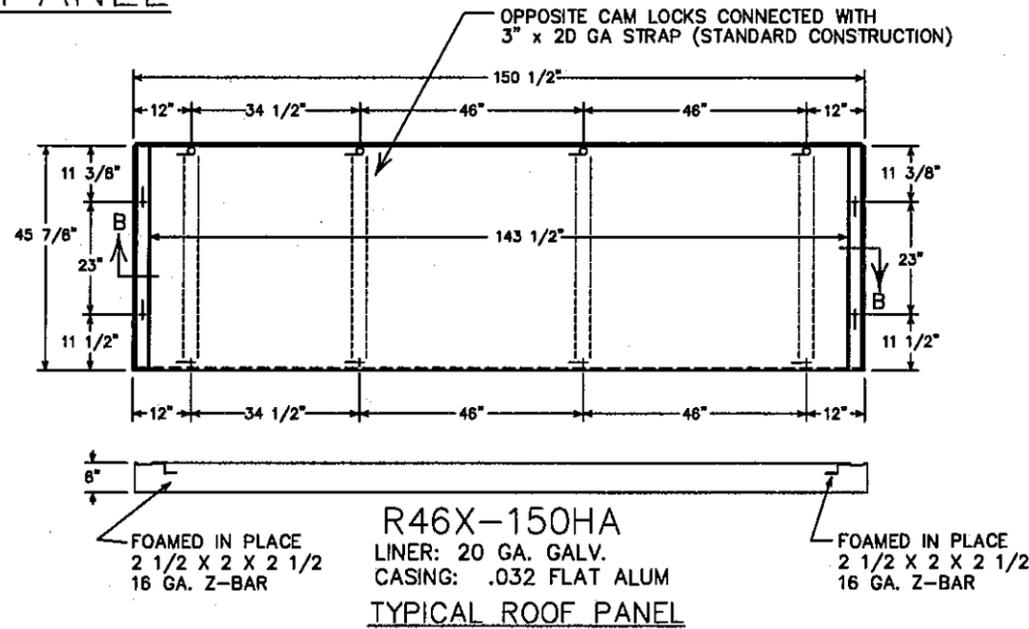
SPECIFICATIONS		REV.	DATE	ECN NO.	REMARKS
URETHANE FOAM: 4\"/>					
SIZE W: 12'-6.5\"/>					
DOOR OPNG: 36\"/>					
INT.	R 20 GA GALV STEEL				
FIN.	W 0.032 STUCCO ALUMINUM				
	F 0.080 TEXTURED ALUMINUM				
EXT.	R 0.032 FLAT ALUMINUM				
FIN.	W 0.032 FLAT ALUMINUM				
	F 0.032 FLAT ALUMINUM				
ROOF LOAD = ** PSF (MAX. LL + DL)					

**Kool Star**  
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DRAWN BY: BHS/CP  
 CAD NO.: AP-9766  
 CHECKED BY: DATE: 11/15/05  
 APPV. BY: PAGE: 3 OF 7  
 SCALE: 3/8\"/>

DIMENSIONS ARE IN INCHES UNLESS NOTED.	TOLERANCE UNLESS NOTED +/- 0.031
CUSTOMER: BUILDING CODE COMPLIANCE OFFICE	
CUST. LOC.: MIAMI, FL	
TITLE: SAMPLE CONFIGURATION	
DESC.: WALL PANEL / WITH FLOOR	
MODEL NO.: PROPOSED UNIT	REVISION: C

# ROOF PANEL



**MATERIALS:**  
2x2x16GA ANGLE x UNIT DIMENSION  
2 1/2 x 2 x 2 1/2 Z-BAR x PANEL DIMENSION

**FASTENERS:**  
(SEE FASTENER DETAILS SHEET #6 of 7)  
#10-16 TEK SMS.  
1/4" x 1 3/4" HEX WASHER-HEAD TAPCON FASTENERS.  
M/B CAM-LOCK. SPACING AS DIMENSIONED

PRODUCT RENEWED as complying with the Florida Building Code  
Acceptance No 10-1020-03  
Expiration Date 02/05/2012  
By *Helmut A. Miller*  
Miami Dade Product Control

VIPIN N. TOLAT, PE (CIVIL)  
FL. REG. # 12847  
15123 LANTERN CREEK LN.  
HOUSTON, TX 77068

*Handwritten signature and date:*  
1-16/10

REV D	8/24/06	CP	REVISED PER V. TOLAT'S NOTES
REV C	11/15/05	CP	REVISED PER CURRENT FBC
REV B	08/11/97	BS	ALSO SHOW CAMLOCK CONNECTION ALL VIEWS
REV A	04/23/97	BS	CHANGE TYP ROOF STARTER TO SHOW LATCHES

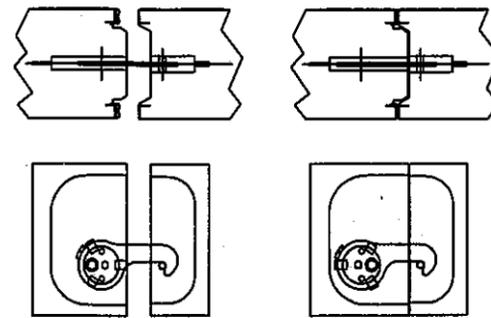
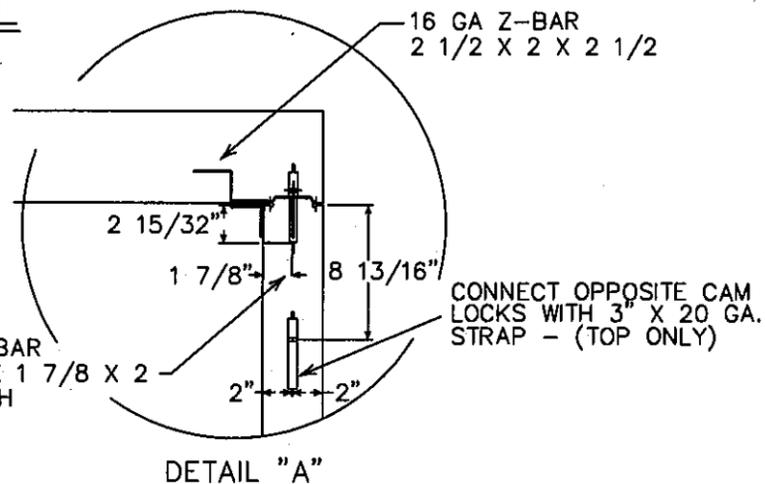
THE ONLY FOAM TYPES TO BE USED IN THE MANUFACTURE OF PANELS TO BE AS SHOWN ON THE SUBMITTED FM TEST REPORT J.I. 2X1A0.AM DATED 03/30/94, FM TEST REPORT J.I. 0B2A6.AM DATED 08/09/96, FM TEST REPORT 3B6A5.AM DATED 03/31/97 AND/OR FM TEST REPORT 3022512 DATED 12/10/04 ARE TO BE THE ONLY FOAM TYPES TO BE USED IN THIS APPROVAL.

SPECIFICATIONS	
URETHANE FOAM:	4" WALLS, 6" ROOF
SIZE W:	12'-6.5" L: 30'-9.0" H: 8'-8.0"
DOOR OPNG:	36" x 76"
INT. FIN.	R 20 GA GALV STEEL
INT. FIN.	W 0.032 STUCCO ALUMINUM
INT. FIN.	F 0.080 TEXTURED ALUMINUM
EXT. FIN.	R 0.032 FLAT ALUMINUM
EXT. FIN.	W 0.032 FLAT ALUMINUM
EXT. FIN.	F 0.032 FLAT ALUMINUM
ROOF LOAD =	** PSF (MAX. LL + DL)

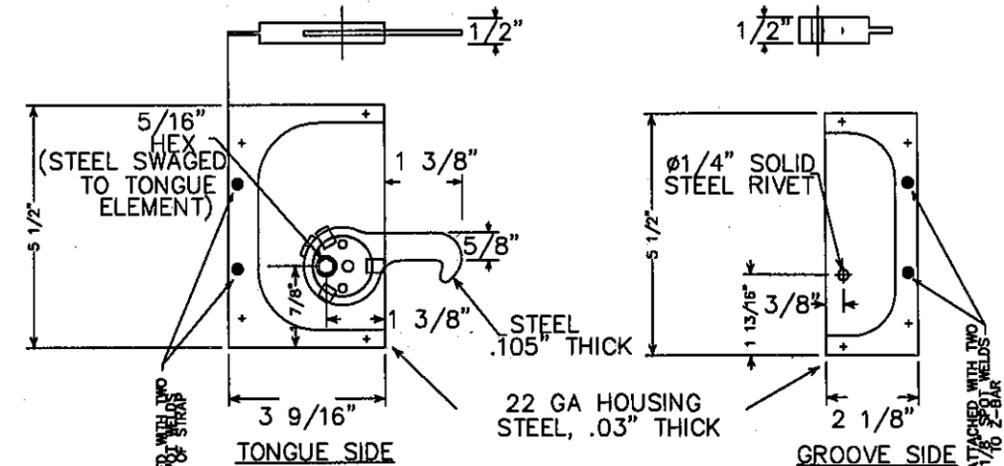
REV.	DATE	ECN NO.	REMARKS

		DIMENSIONS ARE IN INCHES UNLESS NOTED TOLERANCE UNLESS NOTED +/- 0.031	
		CUSTOMER BUILDING CODE COMPLIANCE OFFICE	
21720 S. Wilmington, Suite 309 * Long Beach, CA 90810 Tel. (310) 952-8000 * Fax (310) 513-8156		CUST. LOC. MIAMI, FL	
DRAWN BY BHS/CP CAD NO. AP-9766		TITLE SAMPLE CONFIGURATION	
CHECKED BY DATE 11/15/05		DESC. ROOF PANEL	
APPV. BY PAGE 4 OF 7 SCALE 3/8" = 1'-0"		MODEL NO. PROPOSED UNIT REVISION C	

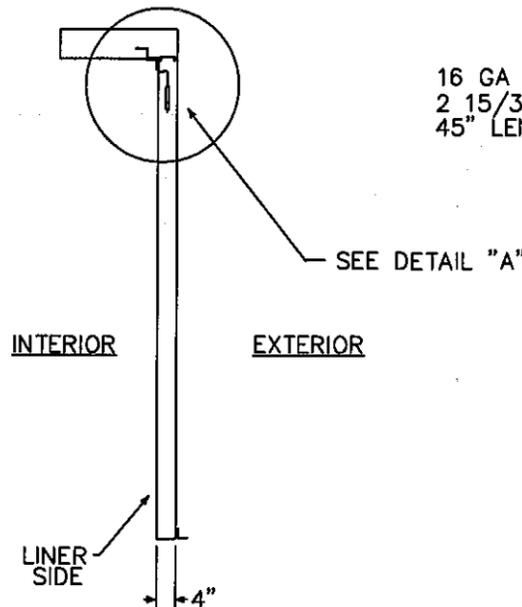
# DOOR PANEL



**DETAIL "B"**  
PANEL TO PANEL CONNECTION  
SHOWING KS CAM LOCK  
(NTS)

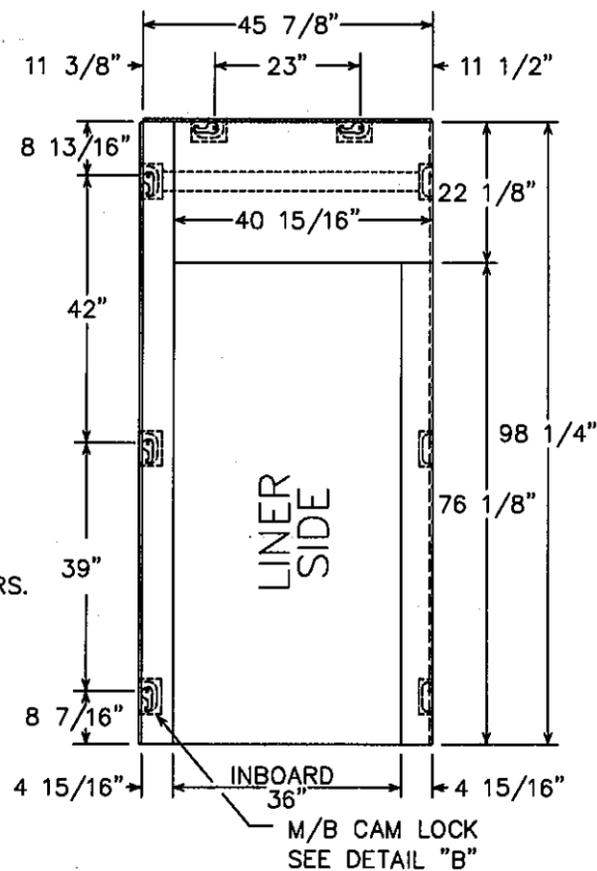


**LATCH DETAILS**

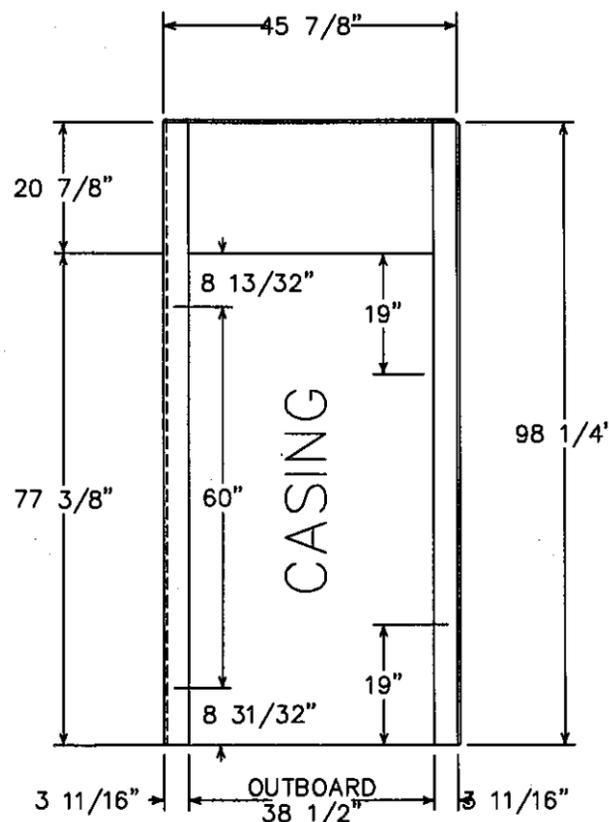


**MATERIALS:**  
2 x 2 x 16GA ANGLE x UNIT DIMENSION  
2 1/2 x 2 x 2 1/2 Z-BAR x PANEL DIMENSION

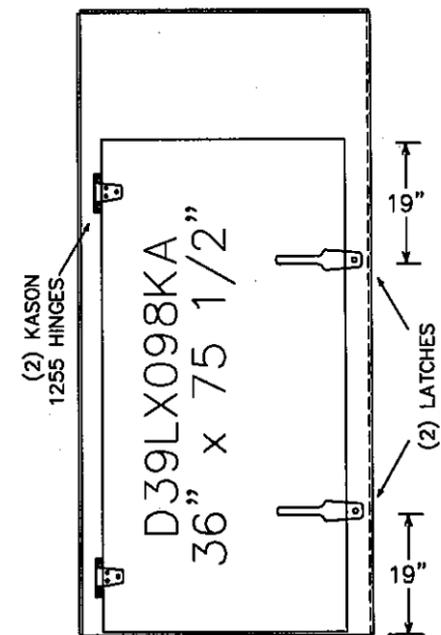
**FASTENERS:**  
(SEE FASTENER DETAILS SHEET #6 of 7  
#10-16 TEK SMS.  
1/4" x 1 3/4" HEX WASHER-HEAD TAPCON FASTENERS.  
M/B CAM-LOCK. SPACING AS DIMENSIONED



**DOOR PANEL ELEVATION**



**CASING: .032" FLAT ALUM**



**DOOR ASSEMBLY**

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 10-1020.03  
Expiration Date 02/05/2012  
By Helmut A. Tolat  
Miami Dade Product Control

VIPIN N. TOLAT, PE (CIVIL)  
FL. REG. # 12847  
15123 LANTERN CREEK LN.  
HOUSTON, TX 77068

*Con Bar*  
10/18/10

REV C	8/25/06	CP	REVISED PER V. TOLAT'S NOTES
REV B	11/15/05	CP	REVISED PER CURRENT FBC
REV A	04/23/97	BS	ADD DOOR CASING AND LATCH DETAILS

**Kool Star**  
21720 S. Wilmington, Suite 309 \* Long Beach, CA 90810  
Tel. (310) 952-8000 \* Fax (310) 513-8156

DRAWN BY: BHS/CP  
CAD NO.: AP-9766  
CHECKED BY: DATE: 11/15/05  
APPV. BY: PAGE: 5 OF 7  
SCALE: 3/8" = 1'-0"

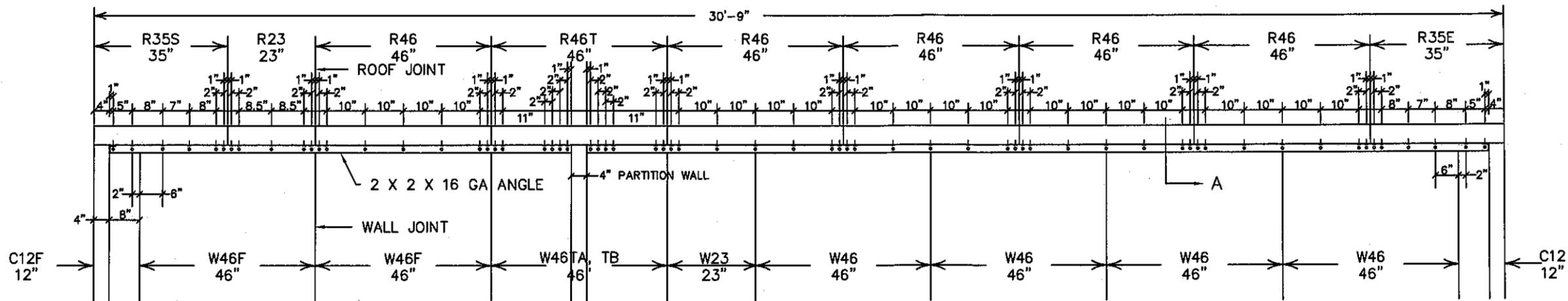
DIMENSIONS ARE IN INCHES UNLESS NOTED	TOLERANCE UNLESS NOTED +/- 0.031
CUSTOMER: BUILDING CODE COMPLIANCE OFFICE	
CUST. LOC: MIAMI, FL	
TITLE: SAMPLE CONFIGURATION	
DESC: DOOR PANEL	
MODEL NO: PROPOSED UNIT	REVISION: B

THE ONLY FOAM TYPES TO BE USED IN THE MANUFACTURE OF PANELS TO BE AS SHOWN ON THE SUBMITTED FM TEST REPORT J.I. 2X1A0.AM DATED 03/30/94, FM TEST REPORT J.I. 0B2A6.AM DATED 08/09/96, FM TEST REPORT 3B6A5.AM DATED 03/31/97 AND/OR FM TEST REPORT 3022512 DATED 12/10/04 ARE TO BE THE ONLY FOAM TYPES TO BE USED IN THIS APPROVAL.

**PROPRIETARY INFORMATION**  
South Florida Building Code Officials are authorized to distribute copies of this design at their discretion.

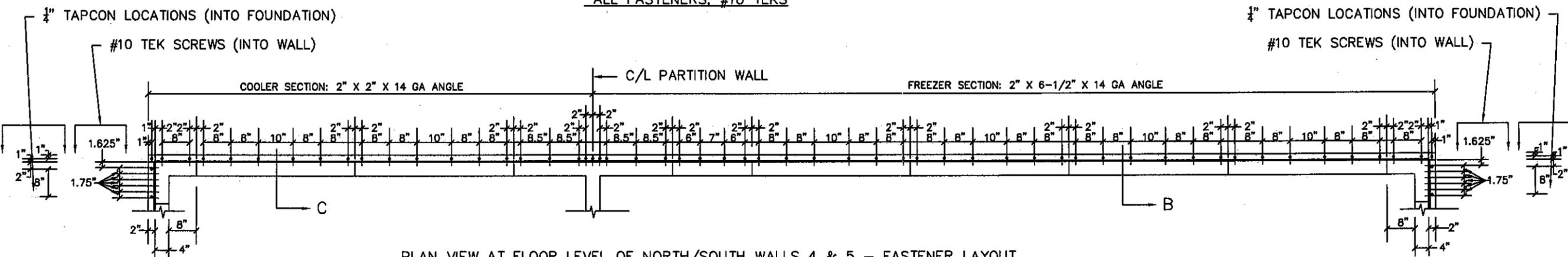
**PROPRIETARY INFORMATION**  
This drawing is the property of Master-Bilt Products. It contains proprietary information and is disclosed in conjunction with the understanding it will not be reproduced or copied directly or indirectly and is not to be used in whole or in part to assist in making or to furnish any information for the making or drawings or prints of apparatus embodying features, data or information derived in any manner from this drawing without the express written consent of Master-Bilt Products.

SPECIFICATIONS		REV.	DATE	ECN NO.	REMARKS
INT.	R 20 GA GALV STEEL				
FIN.	W 0.032 STUCCO ALUMINUM				
EXT.	R 0.032 FLAT ALUMINUM				
FIN.	W 0.032 FLAT ALUMINUM				
	F 0.032 FLAT ALUMINUM				
	ROOF LOAD = ** PSF (MAX. LL + DL)				

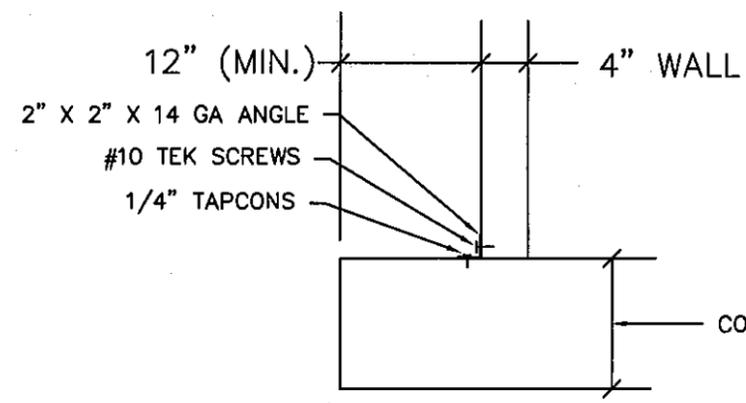


NOTE: ALL DIMENSIONS ARE IN INCHES  
 ELEVATION @ NORTH AND SOUTH SIDEWALLS AND ROOF PANEL FASTENER LAYOUT (NTS)  
 ALL FASTENERS, #10 TEKS

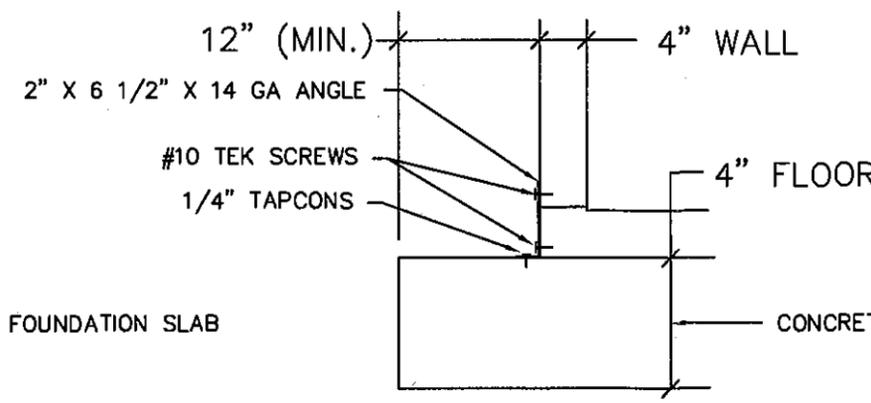
PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No 10-1020-03  
 Expiration Date 02/05/2012  
 By *Helmut A. Miller*  
 Miami Data Product Control



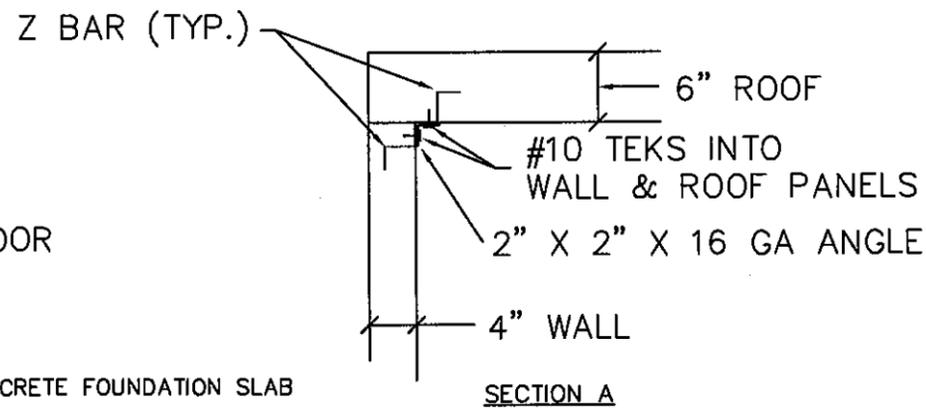
PLAN VIEW AT FLOOR LEVEL OF NORTH/SOUTH WALLS 4 & 5 - FASTENER LAYOUT



SECTION C



SECTION B



SECTION A

VIPIN N. TOLAT, PE (CIVIL)  
 FL. REG. # 12847  
 15123 LANTERN CREEK LN.  
 HOUSTON, TX 77068

*CPN B&B*  
 10/18/10

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FIN.	W 0.032 FLAT ALUMINUM
	F 0.032 FLAT ALUMINUM
ROOF LOAD =	** PSF (MAX. LL + DL)

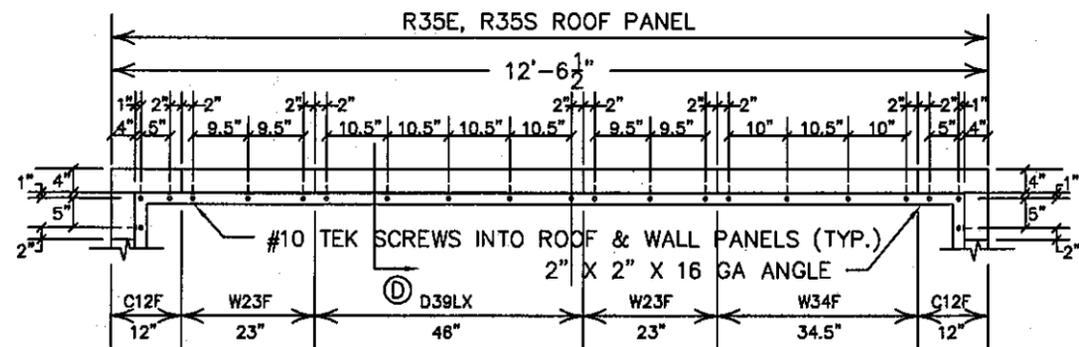
**Kool Star**  
 21720 S. Wilmington, Suite 309 • Long Beach, CA 90810  
 Tel. (310) 952-8000 • Fax (310) 513-8156

DRAWN BY: BHS/CP  
 CHECKED BY: DATE: 11/15/05  
 APPV. BY: PAGE: 6 OF 7  
 SCALE: 3/8" = 1'-0"

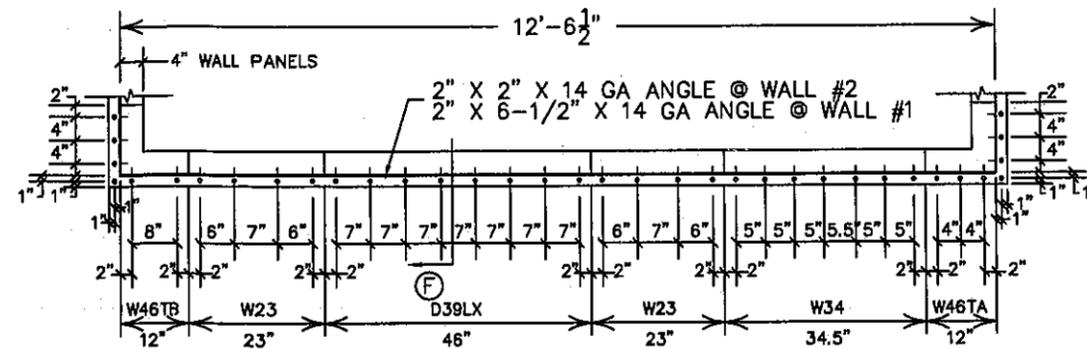
DIMENSIONS ARE IN INCHES UNLESS NOTED		TOLERANCE UNLESS NOTED +/- 0.031	
CUSTOMER: BUILDING CODE COMPLIANCE OFFICE			
CUST. LOC: MIAMI, FL			
TITLE: SAMPLE CONFIGURATION			
DESC: FASTENER DETAILS, NORTH-SOUTH WALLS			
MODEL NO.	PROPOSED UNIT	REVISION	

REV A 8/24/06 CP REVISED PER V. TOLAT'S NOTES

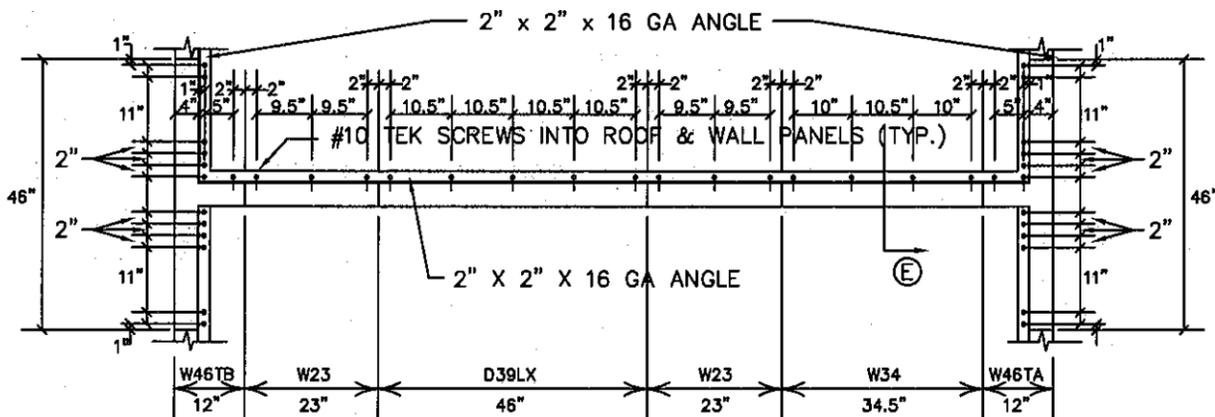
REV. DATE ECN NO. REMARKS



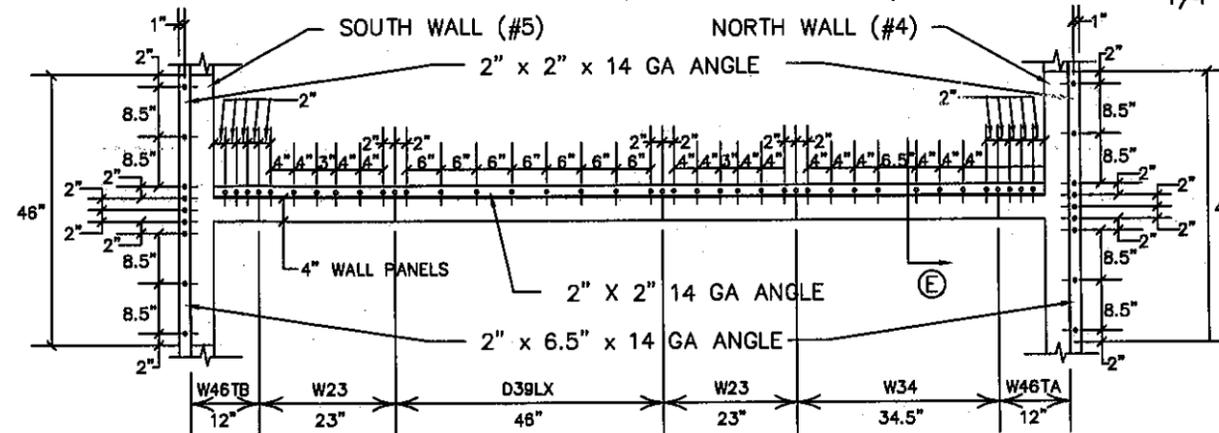
PLAN VIEW @ ROOF LEVEL  
EAST & WEST END WALLS #1 & #2  
FASTENER LAYOUT (ALL FASTENERS - #10 TEKS)



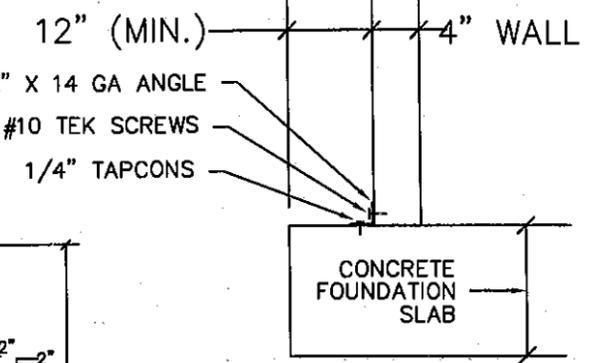
PLAN VIEW @ EAST & WEST WALLS, #1 & #2 AT FLOOR LEVEL  
FASTENER LAYOUT (ALL FASTENERS - #10 TEKS)



PLAN VIEW @ ROOF LEVEL, WALL #3 (PARTITION WALL)  
FASTENER LAYOUT (ALL FASTENERS - #10 TEKS)



PLAN VIEW PARTITION WALL #3 AT FLOOR LEVEL  
FASTENER LAYOUT

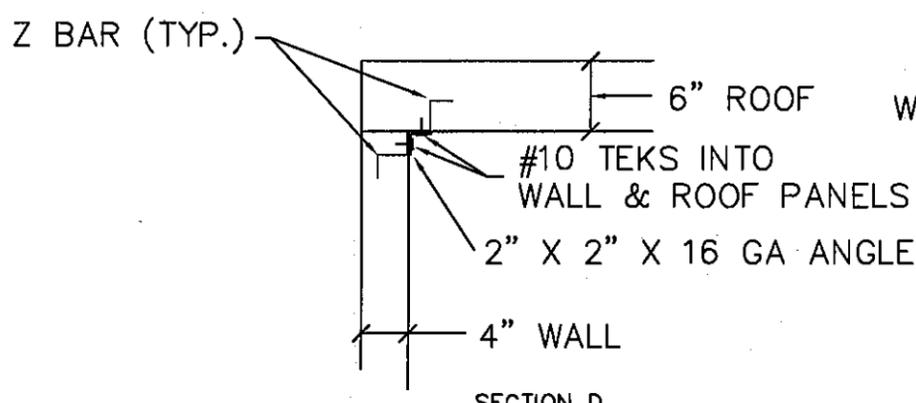


SECTION F  
WALL #2

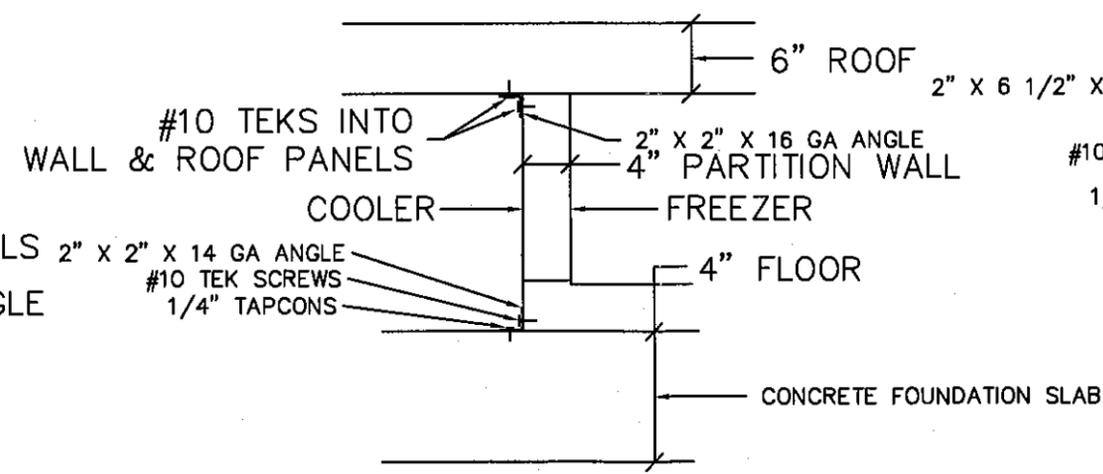
PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 10-1020-03  
Expiration Date 02/05/2012  
By *Helmut H. Hahn*  
Miami Dade Product Control

VIPIN N. TOLAT, PE (CIVIL)  
FL. REG. # 12847  
15123 LANTERN CREEK LN.  
HOUSTON, TX 77068

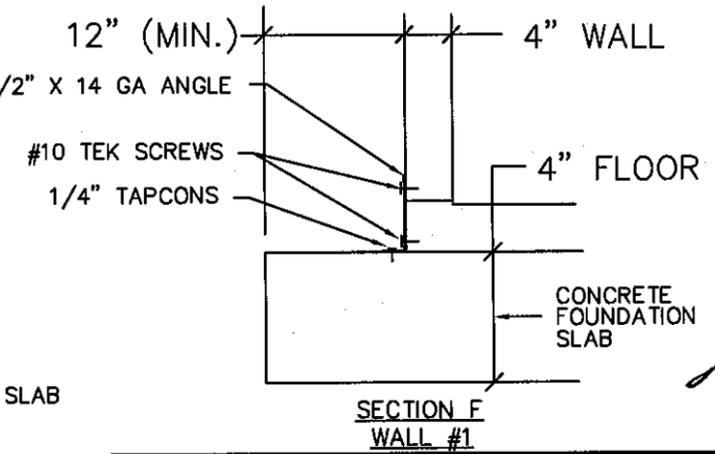
*Edw. Fields*  
10/18/10



SECTION D



SECTION E



SECTION F  
WALL #1

REV A 8/25/06 CP REVISED PER V. TOLAT'S NOTES

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	F 0.032 FLAT ALUMINUM
ROOF LOAD =	** PSF (MAX. LL + DL)
REV.	DATE ECN NO. REMARKS

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DRAWN BY BHS/CP  
CHECKED BY DATE  
APPV. BY PAGE 7 OF 7  
CAD NO. AP-9766  
DATE 11/15/05  
SCALE 3/8" = 1'-0"

DIMENSIONS ARE IN INCHES UNLESS NOTED		TOLERANCE UNLESS NOTED +/- 0.031	
CUSTOMER BUILDING CODE COMPLIANCE OFFICE			
CUST. LOC. MIAMI, FL			
TITLE SAMPLE CONFIGURATION			
DESC. FASTENER DETAILS, EAST-WEST WALLS			
MODEL NO.	PROPOSED UNIT	REVISION	