



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)

Master-Bilt

908 Highway 15 North P.O.Box 59
New Albany, MS 38652

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 Refrigeration Units

APPROVAL DOCUMENT: Drawing No. AP-9766, titled " Sample Configuration ", sheets 1 through 7 of 7, prepared by Master-Bilt, dated November 15, 2005, last revision dated August 24, 2006, signed and sealed by Vipin N. Tolat, P.E. on August 28, 2006, 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 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 **revises & renews NOA # 00-1114.12** and consists of this page 1, evidence submitted pages E-1, E-2, & E-3 as well as approval document mentioned above.

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

Helmy A. Makar
 10/05/2006

NOA No 05-1222.05
Expiration Date: 02/05/2011
Approval Date: 10/05/2006



Master-Bilt

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #96-1119.01

A. DRAWINGS

Drawing Title Master-Bilt Sample Configuration
Drawing Number AP-9766, sheets 1 through 6 of 6
Drawing Signature William M. Farned, P.E.
Drawing Date 04/23/97 (sheets 1, 5, & 6) and 08/11/97 (sheets 2, 3, & 4)
and all signed and sealed on 10/10/97.

B. TESTS

Laboratory: Construction Research Laboratory, Inc.
Number: 6320 (For Walk-In Refrigeration Unit's wall, wall with door, and
Roof panels)
Type: 1- 24 hour live load, per PA 202-94
2- Uniform static air pressure loading, per PA 202-94
3- Large missile impacts, per PA 201-94
4- Cyclic loading, per PA 203-94
Signature: Vipin N. Tolat, P.E.
Date: 07/03/96 through 08/23/96

Laboratory: Construction Testing Corporation
Number: 97-058
Type: 1- Axial load per ASTM E-72 for Walk-In Refrigeration Unit wall panel
2- Racking load per ASTM E-72 for Walk-In Refrigeration Unit roof panels
Signature: Christopher G. Tyson, P.E.
Date: 11/17/97 and 11/24/97

Laboratory: Construction Testing Laboratories
Number: CTL-855C
Type: Tensile Test
Signature: Ramesh Patel, P.E.
Date: 12/01/97

Laboratory: Construction Testing Laboratories
Number: CTL # 720B
Type: Tensile Test
Signature: Ramesh Patel, P.E.
Date: 09/03/96



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 05-1222.05
Expiration Date: 02/05/2011
Approval Date: 10/05/2006

Master-Bilt

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

Calculation Title: Walk-In Refrigeration Unit
Calculation Signature: William M. Farned, P.E.
Calculation Dates: 10/28/96, 04/28/97, 08/20/97 and 10/07/97

D. MATERIAL CERTIFICATIONS

- Mill Certificate for specifications on mechanical properties for 14 gauge and 20 gauge galvanized steel sheets from New Process Steel Corporation by Sherry Benson dated 09/26/97.
- Mill Certificate for the mechanical properties of Aluminum Alloys 3105/3003 from Reynolds Aluminum Supply Company by S. Douglas Hipp dated 09/22/97.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 00-1114.12

A. DRAWINGS

1. *Drawing No. AP-9766, prepared by Master-Bilt Products, dated April 23, 1997, sheets 1, 5, & 6 of 6, and dated August 11, 1997, sheets 2, 3, & 4 of 6, all sheets signed and sealed by William M. Farned, P.E. on January 12, 2001.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*

E. OTHERS

1. *This Product Control Approval is a renewal of the Product Control Approval No. 96-1119.01. Manufacturer was asked to submit new drawings and show the steel sheets thickness in decimals rather than gauges. See Note #9 on sheet 1 of 6 of the approved drawings.*

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. AP-9766, titled " Sample Configuration ", sheets 1 through 7 of 7, prepared by Master-Bilt, dated November 15, 2005, last revision dated August 24, 2006, signed and sealed by Vipin N. Tolat, P.E. on August 28, 2006.*



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 05-1222.05
Expiration Date: 02/05/2011
Approval Date: 10/05/2006

Master-Bilt

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS

1. *None.*

C. CALCULATIONS

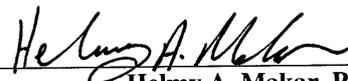
1. *Design Calculations and structural analysis, prepared by Vipin N. Tolat, P.E., Consulting Engineer, 17 pages, dated October 15, 2005, signed and sealed by Vipin N. Tolat, P.E.*

D. QUALITY ASSURANCE

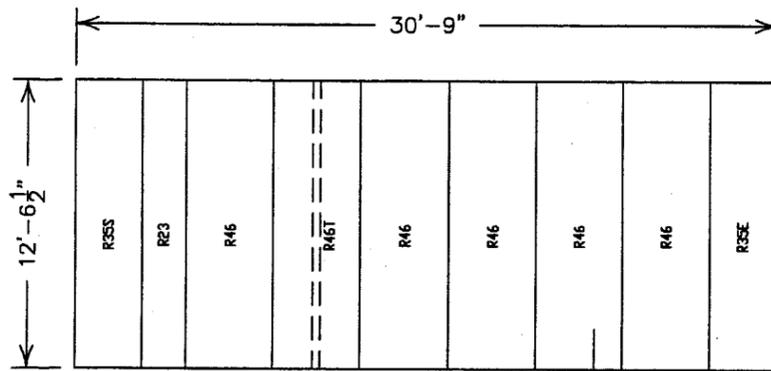
1. By Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

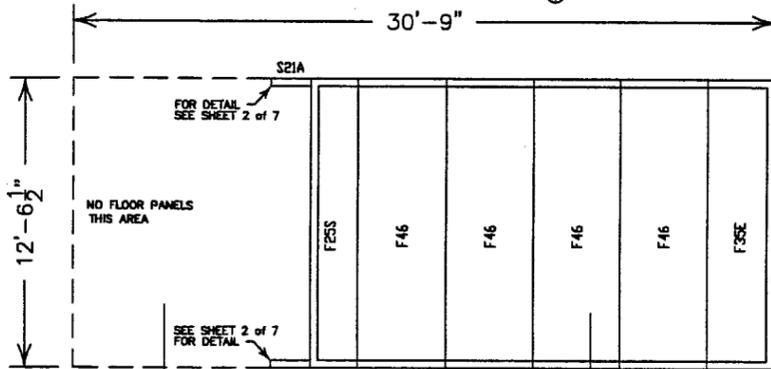
1. *None.*



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 05-1222.05
Expiration Date: 02/05/2011
Approval Date: 10/05/2006

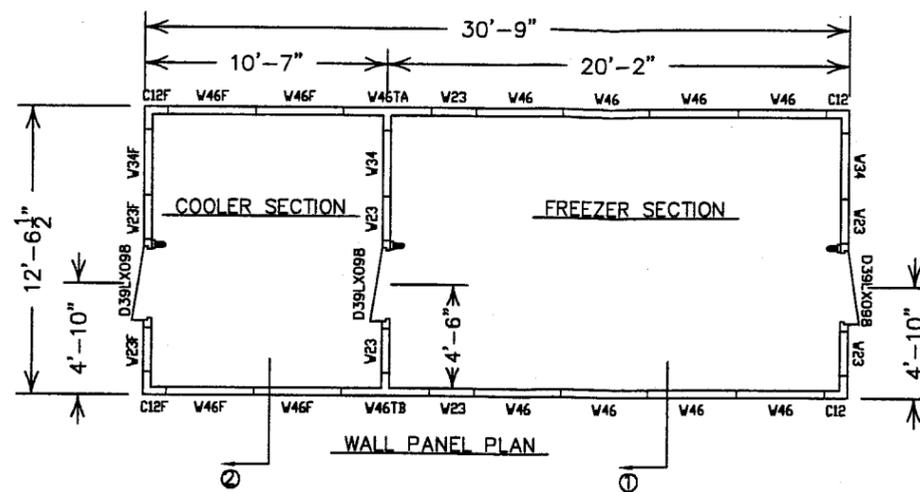


ROOF PANEL PLAN

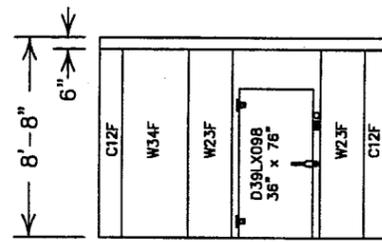


FLOOR PANEL PLAN

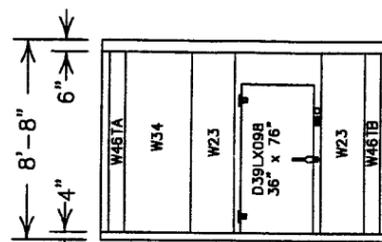
SCALE 1/8" = 1'-0"



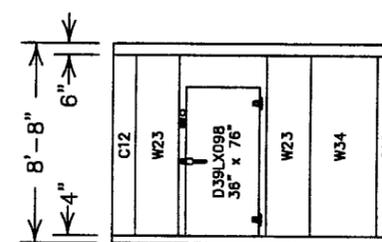
WALL PANEL PLAN



WEST WALL ELEVATION



PARTITION WALL ELEVATION

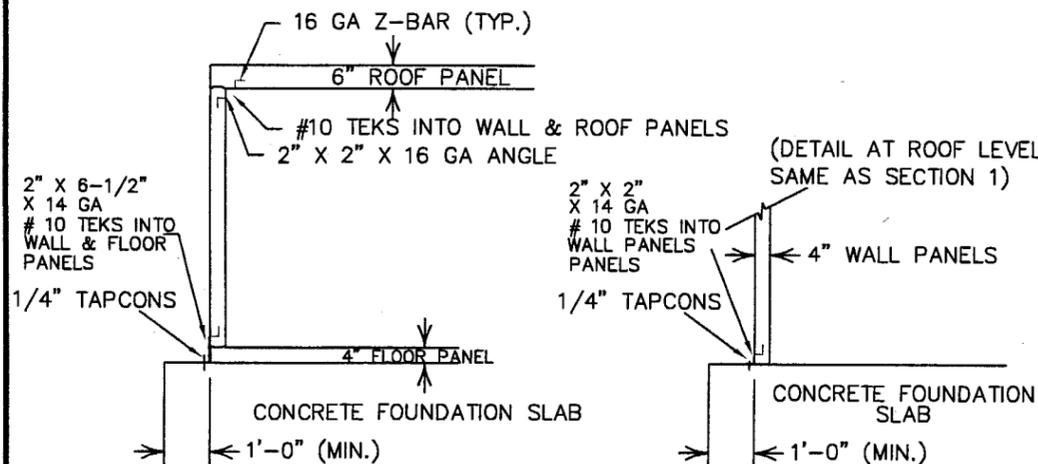


EAST WALL ELEVATION

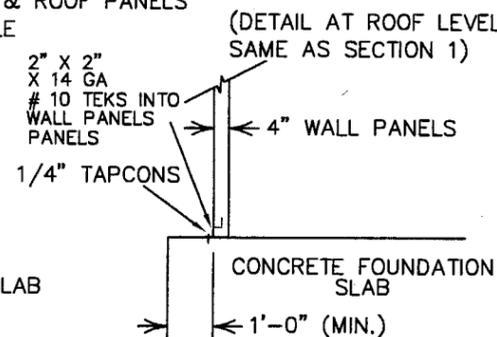
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-1222.05
Expiration Date 02/05/2011
By *Helmut A. Nelson*
Miami Dade Product Control
Division

NOTES:

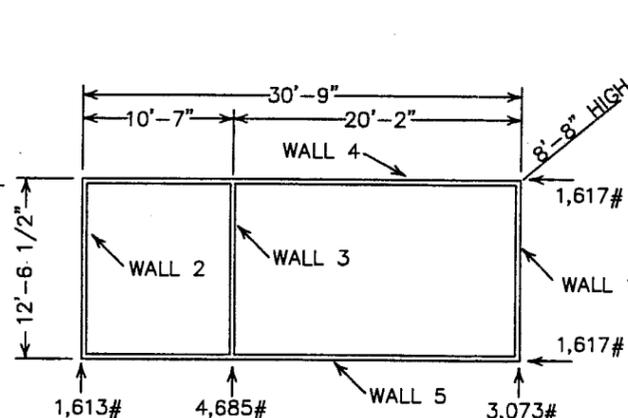
- 1.5 SAFETY FACTOR FOR UPLIFT, OVERTURN AND SLIDING IS INCLUDED IN THE LOADS LISTED.
- DEAD LOADS OF WALLS AND ROOFS HAVE BEEN DEDUCTED FROM UPLIFT LOADING.
- EACH EXTERIOR INSTALLATION SHALL HAVE A FOUNDATION DESIGN BY A FLORIDA PROFESSIONAL ENGINEER FOR THE FOUNDATION LOADS SHOWN IN THE FOUNDATION LOAD TABLE.
- M OVERTURN IS DEVELOPED BY HORIZONTAL FORCE H AND VERTICAL FORCE W.
- THESE UNITS ARE DESIGNED IN ACCORDANCE WITH THE 2004 EDITION OF FLORIDA BUILDING CODE.
- DESIGN IS BASED ON THE FOLLOWING TEST REPORTS, CTL #720B AND CRL #6320.
- WIND FORCES ARE IN ACCORDANCE WITH ASCE 07-02 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 22
(CASING FLAT) MILL FINISH 3105-H25 25
(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 46.0
20 GA. (0.038") BASE METAL 42.0
MIN 46.0
14 GA. (0.076") BASE METAL 42.0
16 GA. (0.060") 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 42.0
14 GA. (0.076") BASE METAL 42.0
16 GA. (0.060") 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 = 5.20 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 MIXTURE 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 FLORIDA BUILDING CODE 2004 CHAPTER 2D, SECTION 2003.8.4.
- ALL CONCRETE ANCHORS SHALL BE AS SPECIFIED ON THESE DRAWINGS WITH THE EMBEDMENT LENGTHS NOTED SHALL NOT INCLUDE FINISH MATERIAL.



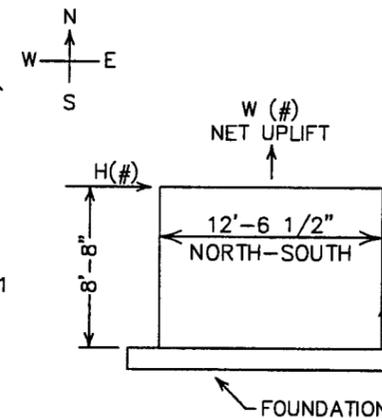
SECTION 1



SECTION 2



PLAN - HORIZONTAL LOADS
FOUNDATION DESIGN LOADS



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: 8/28/06

REV	8/24/06	CP	REVISED PER V. TOLAT'S NOTES
REV	11/11/05	CP	REVISED PER FBC 2004 AND ASCE 07-02
REV	04/23/97	BS	ADDED FOUNDATION DETAILS, NOTES 4 THRU 16 CHG. DOOR NUMBER TO MATCH TESTED DOOR.

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
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
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M.B. MASTER-BILT
Refrigeration Solutions

HWY 15 NORTH
NEW ALBANY, MISSISSIPPI 38652

DRAWN BY BHS/CP
CHECKED BY DATE 11/15/05

APPV. BY PAGE 1 OF 7

CAD NO. AP-9766

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

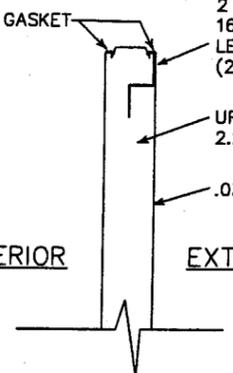
MODEL NO. PROPOSED UNIT REVISION REV. B

**WALL PANEL
FLOORLESS**

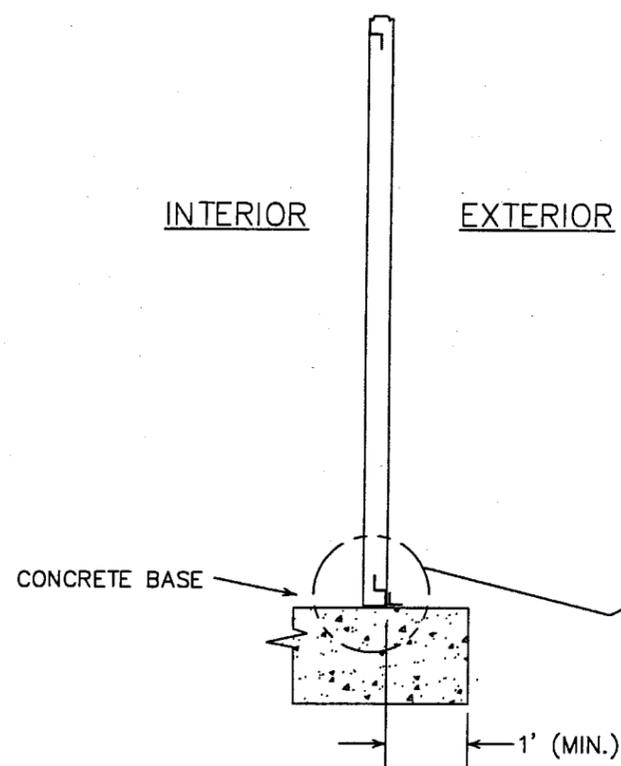
OPPOSITE CAM LOCKS CONNECTED WITH
3" x 20 GA STRAP (STANDARD CONSTRUCTION)

FOAMED IN PLACE
2 1/2 X 2 X 2 1/2
16 GA. Z-BAR
LENGTH TO MATCH PANEL WIDTH
(2 PER PANEL)

URETHANE CORE
2.2 PCF DENSITY
.032 ALUMINUM SKIN

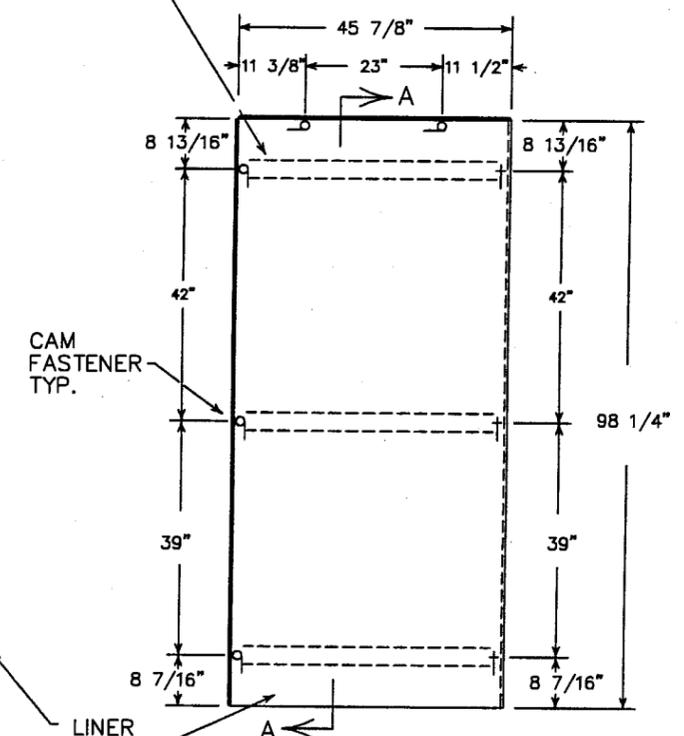
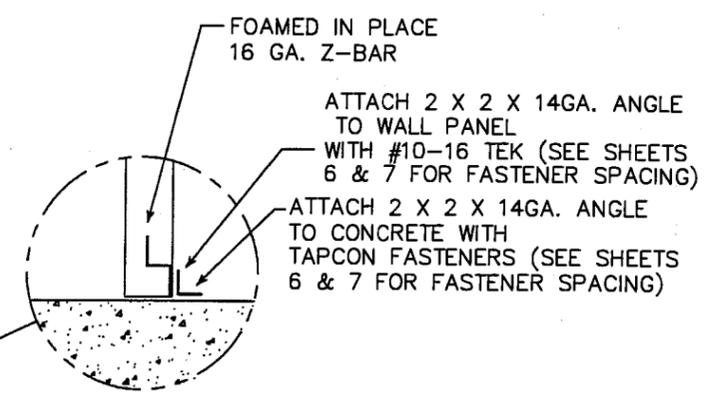


SECTION "A"
SCALE: 1" = 1'-0"

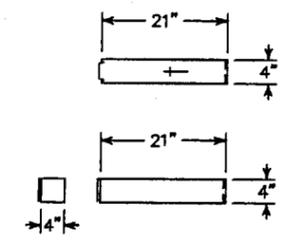


MATERIALS:
2x2x14GA ANGLE x UNIT DIMENSION
2 1/2 x 2 x 2 1/2 Z-BAR x PANEL DIMENSION

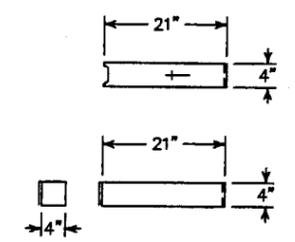
FASTENERS:
(SEE FASTENER DETAILS SHEET #6 AND #7)
#10-16 TEK SMS.
1/4" x 1 3/4" HEX WASHER-HEAD TAPCON FASTENERS.
M/B CAM-LOCK. SPACING AS DIMENSIONED



**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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-1222-05
Expiration Date 02/05/2011
By *Helmy A. Mohr*
Miami Dade Product Control
Division

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

Con Bel
8/21/06

REV D	8/24/06	CP	REVISED PER V. TOLAT'S NOTES
REV C	11/15/05	CP	REVISED PER FBC 2004
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
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.	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)					

M/B MASTER-BILT
Refrigeration Solutions

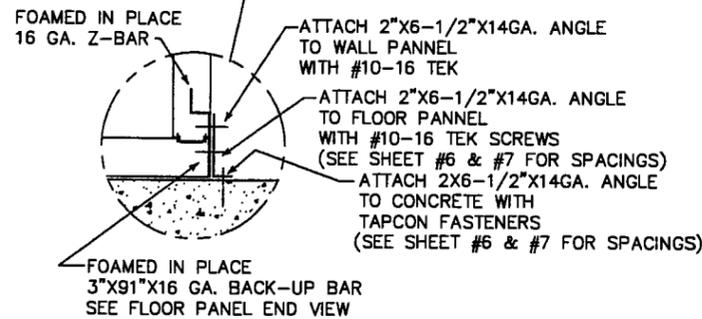
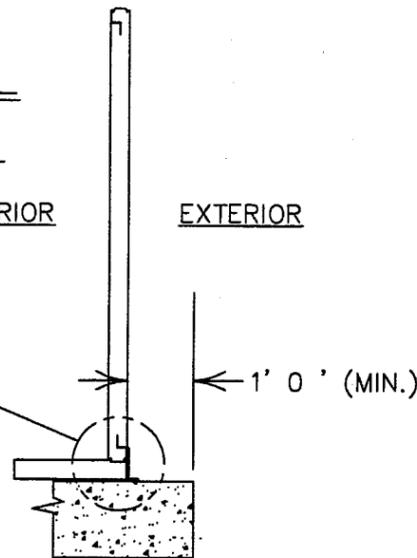
HWY 15 NORTH
NEW ALBANY, MISSISSIPPI 38652
a Standex company

DRAWN BY	CAD NO.
BHS/CP	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

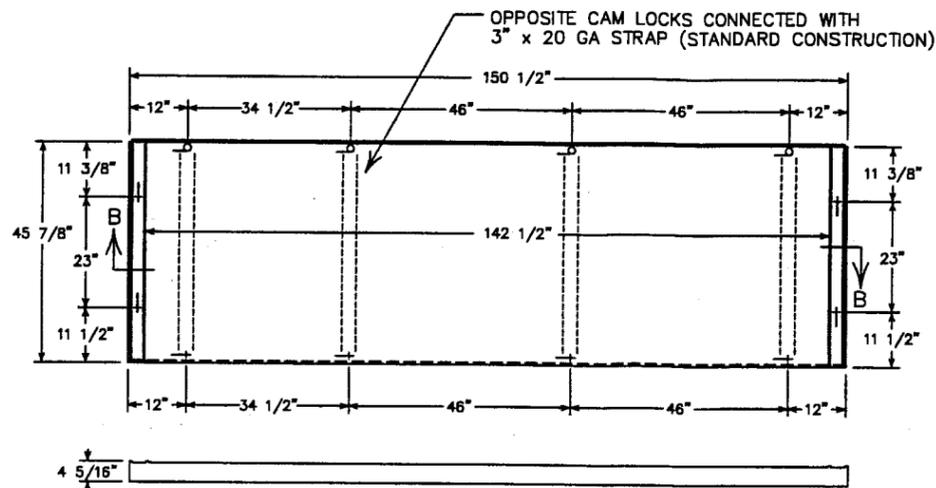
WALL PANEL WITH FLOOR

INTERIOR EXTERIOR



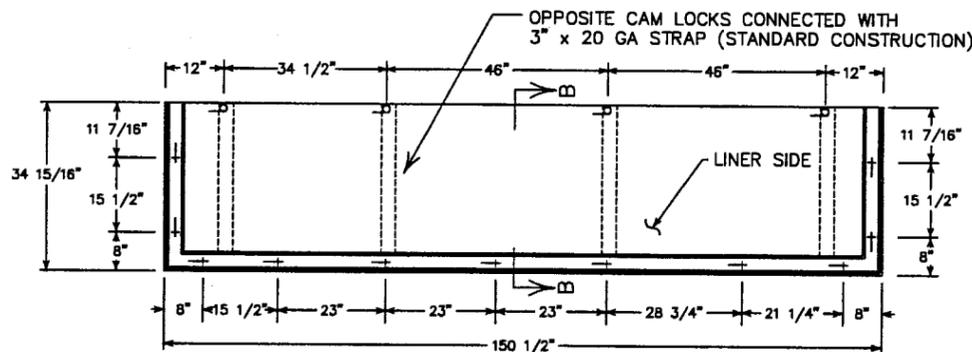
MATERIALS:
 PCS 2 1/2 x 2 x 2 1/2 Z-BAR x PANEL DIMENSION
 3\"/>

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



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

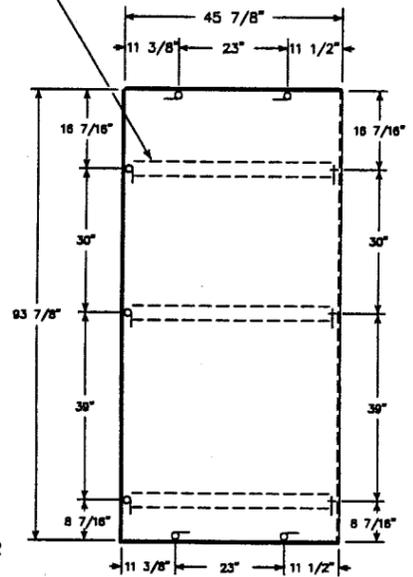
TYPICAL FLOOR PANEL



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

OPPOSITE CAM LOCKS CONNECTED WITH 3\"/>

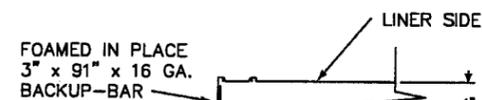
FOAMED IN PLACE
 2 1/2 X 2 X 2 1/2
 16 GA. Z-BAR



W46FX094KA

LINER: .032\"/>

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



FLOOR PANEL END VIEW SECTION B

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 05-1222.05
 Expiration Date 02/05/2011
 By Helmut A. Mohr
 Miami Data Product Control Division

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

Handwritten signature and date:
 8/28/06

REV D 08/24/06	CP	REVISED PER V. TOLAT'S NOTES
REV C 11/15/05	CP	REVISED PER FBC 2004
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. 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\"/>	
SIZE W: 12'-6.5\"/>	
DOOR OPNG: 36\"/>	
INT. R 20 GA GALV STEEL	
FIN. F 0.032 STUCCO ALUMINUM	
EXT. R 0.032 FLAT ALUMINUM	
FIN. F 0.032 FLAT ALUMINUM	
ROOF LOAD = ** PSF (MAX. LL + DL)	
REV. DATE	ECN NO. REMARKS

MB MASTER-BILT
 Refrigeration Solutions

HWY 15 NORTH
 NEW ALBANY, MISSISSIPPI 38652

a Standex company

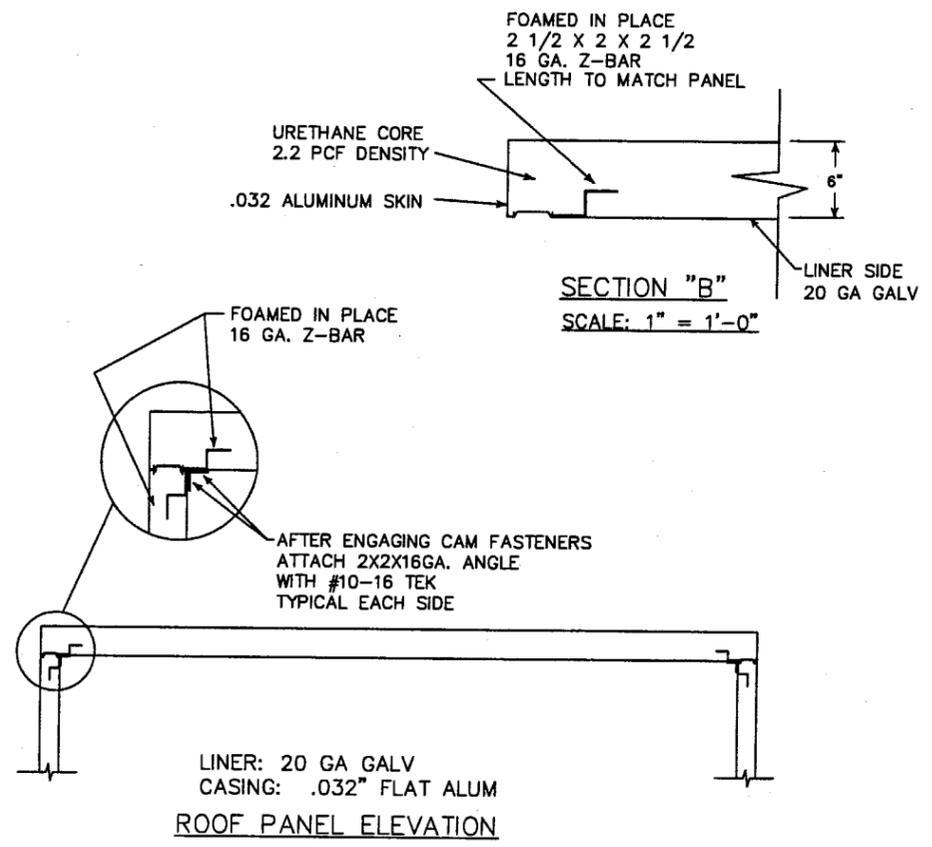
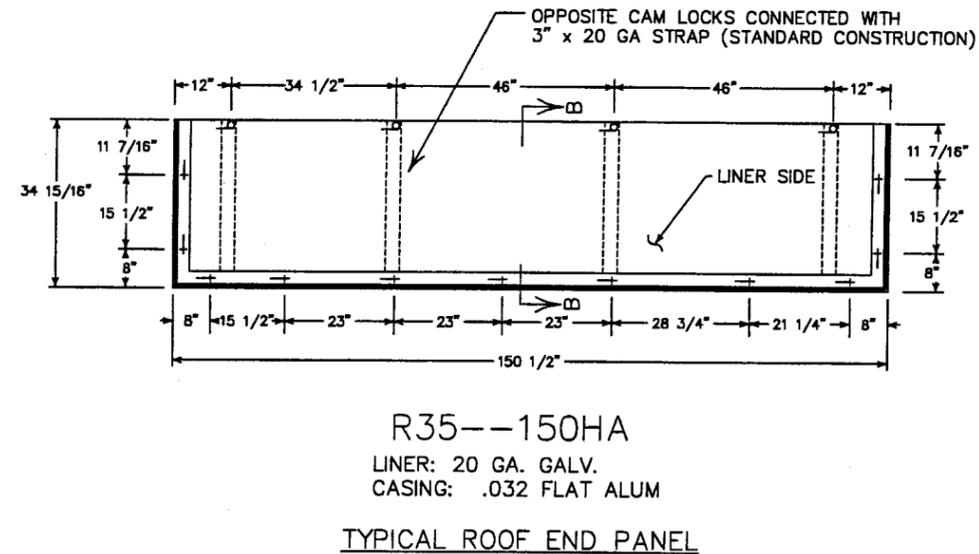
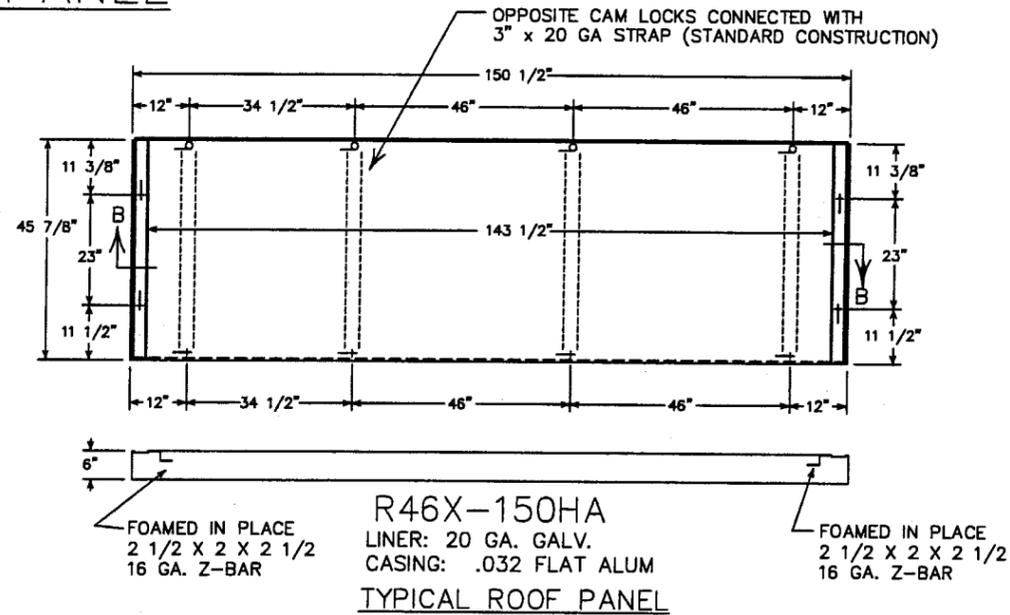
DRAWN BY	CAD NO.
BHS/CP	AP-9766
CHECKED BY	DATE
	11/15/05
APPV. BY	PAGE
	3 OF 7
SCALE	MODEL NO.
3/8\"/>	PROPOSED UNIT

DIMENSIONS ARE IN INCHES TOLERANCE +/- 0.031 UNLESS NOTED UNLESS NOTED +/- 0.031

CUSTOMER	BUILDING CODE COMPLIANCE OFFICE
CUST. LOC.	MIAMI, FL
TITLE	SAMPLE CONFIGURATION
DESC.	WALL PANEL / WITH FLOOR

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 REVISED
as complying with the Florida Building Code
Acceptance No. 05-1222.05
Expiration Date 02/05/2011
By *Helmy A. M...*
Miami Dade Product Control Division

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

Helmy A. M...
8/28/06

REV D	8/24/06	CP	REVISED PER V. TOLAT'S NOTES
REV C	11/15/05	CP	REVISED PER FBC 2004
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		REV.	DATE	ECN NO.	REMARKS
INT.	UR 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)				

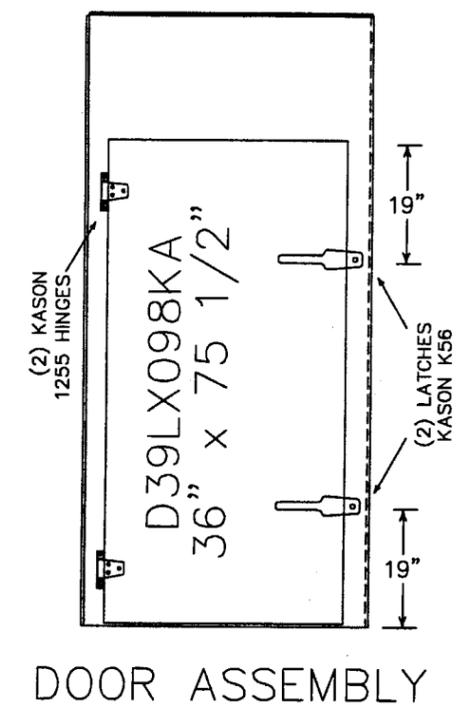
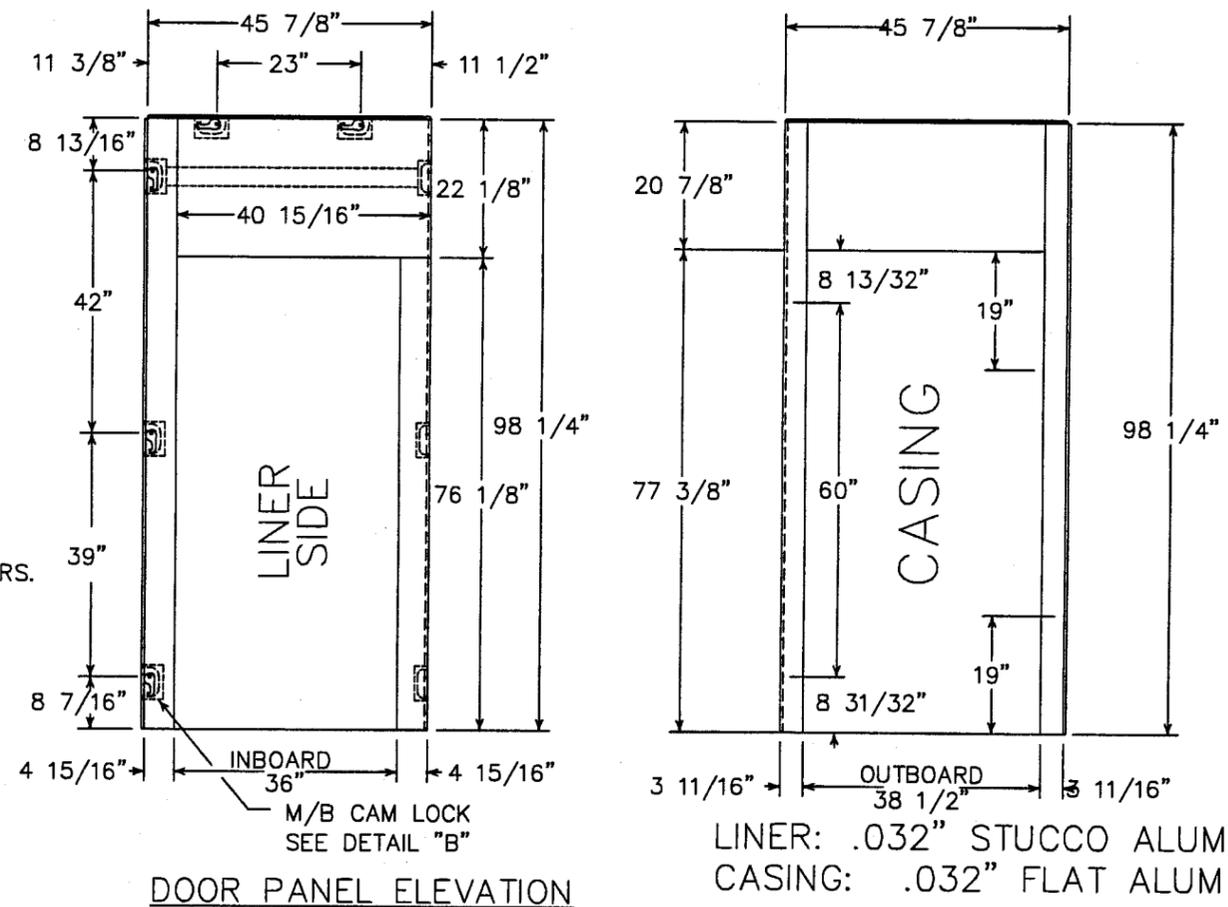
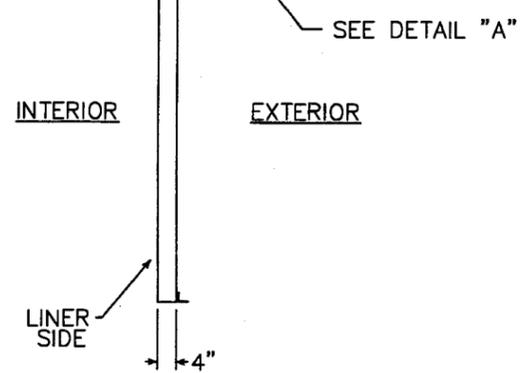
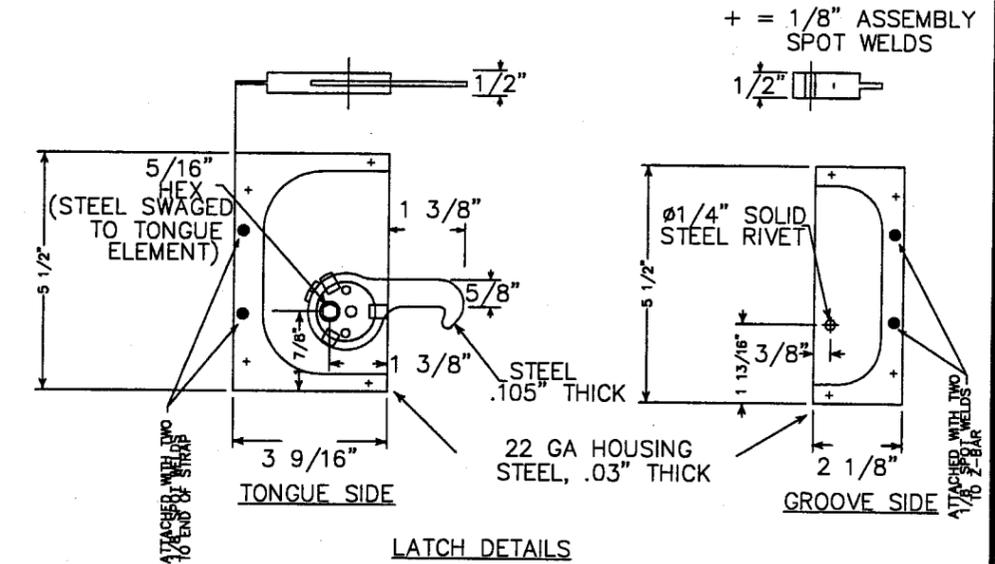
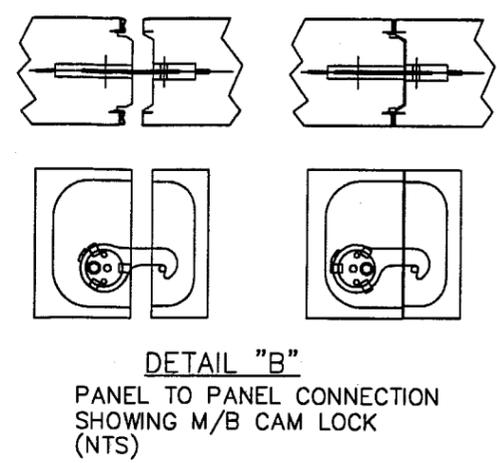
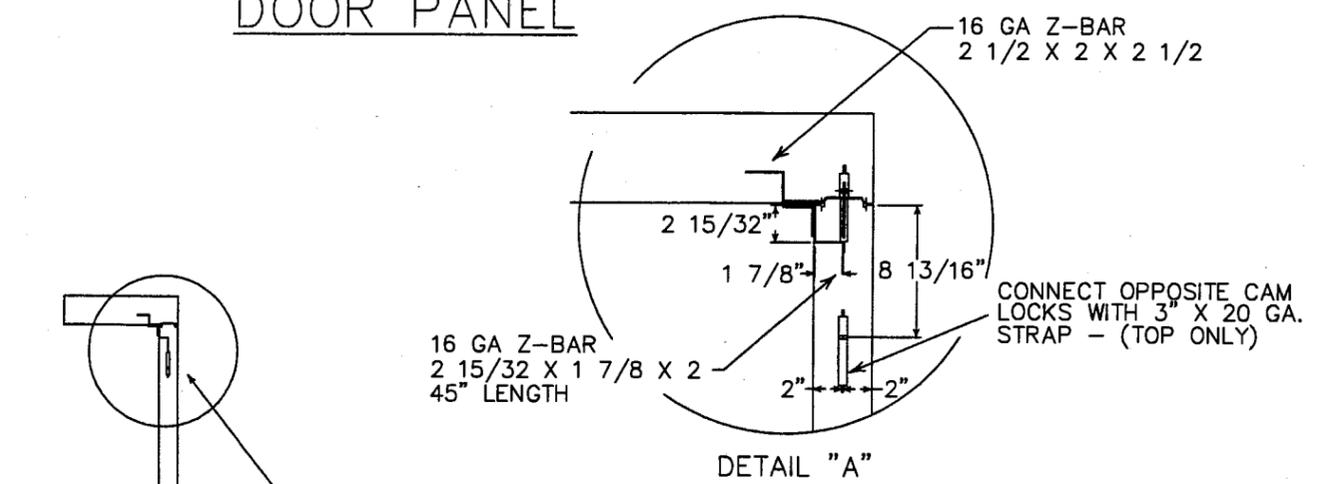
MB MASTER-BILT
Refrigeration Solutions

HWY 15 NORTH
NEW ALBANY, MISSISSIPPI 38652
a Standex company

DRAWN BY BHS/CP
CHECKED BY DATE 11/15/05
APPV. BY PAGE 4 OF 7
CAD NO. AP-9766
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 PANEL	
MODEL NO. PROPOSED UNIT	REVISION C

DOOR PANEL



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-1222-05
 Expiration Date 02/05/2011
 By *Helmut A. Miller*
 Miami Dad Product Control
 Division

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

egubal
 8/28/06

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

REV C	8/25/06	CP	REVISED PER V. TOLAT'S NOTES
REV B	11/15/05	CP	REVISED PER FBC 2004
REV A	04/23/97	BS	ADD DOOR CASING AND LATCH DETAILS

MB MASTER-BILT
 Refrigeration Solutions

HWY 15 NORTH
 NEW ALBANY, MISSISSIPPI 38652
 a Standex company

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"

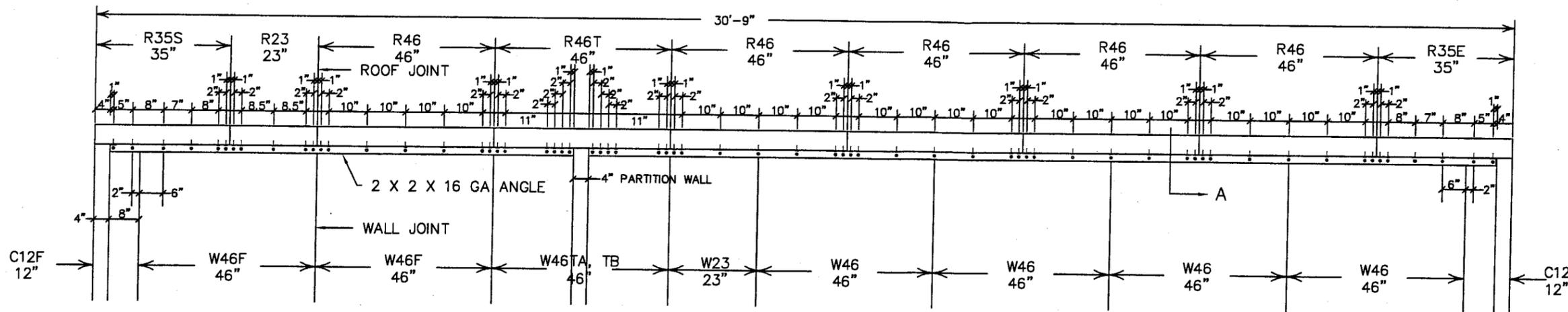
DIMENSIONS ARE IN INCHES UNLESS NOTED	TOLERANCE UNLESS NOTED +/- 0.031
CUSTOMER: BUILDING CODE COMPLIANCE OFFICE	
CUST. LOC.: MIAMI, FL	
TITLE: SAMPLE CONFIGURATION	
DESC.: DOOR PANEL	
MODEL NO.: PROPOSED UNIT	REVISION: B

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. 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.

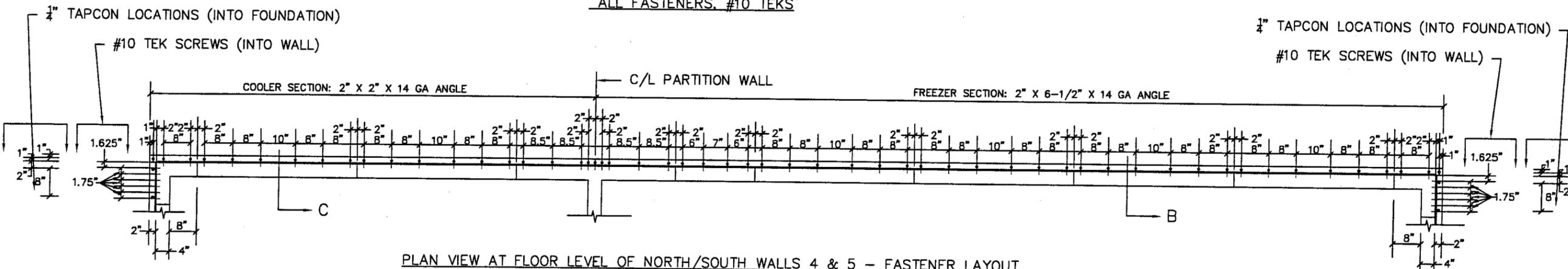
PROPRIETARY INFORMATION
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PROPRIETARY INFORMATION
 This drawing is the property of Master-Bilt Products. It contains proprietary information and is disclosed in conjunction with the understanding it will not be reproduced or copied directly or indirectly and is not to be used in whole or in part to assist in making or to furnish any information for the making or drawing 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.

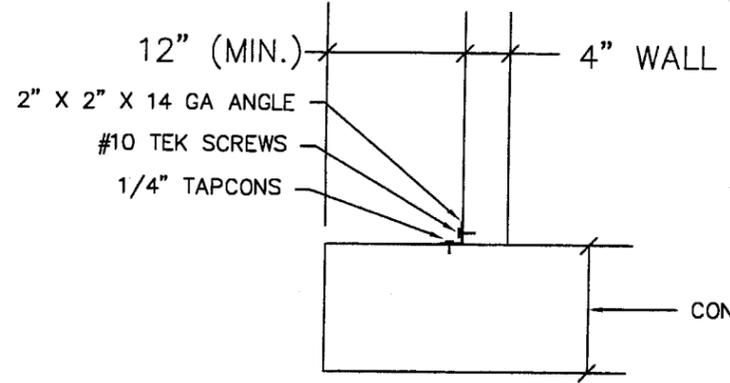
SPECIFICATIONS	
URETHANE FOAM: 4" WALLS, 6" ROOF	
SIZE W: 12'-6.5" L: 30'-9.0" H: 8'-8.0"	
DOOR OPNG: 36" x 76"	
INT. R 20 GA GALV STEEL	
W 0.032 STUCCO ALUMINUM	
FIN. F 0.080 TEXTURED ALUMINUM	
EXT. R 0.032 FLAT ALUMINUM	
W 0.032 FLAT ALUMINUM	
FIN. F 0.032 FLAT ALUMINUM	
ROOF LOAD = ** PSF (MAX. LL + DL)	
REV. DATE	ECN NO. REMARKS



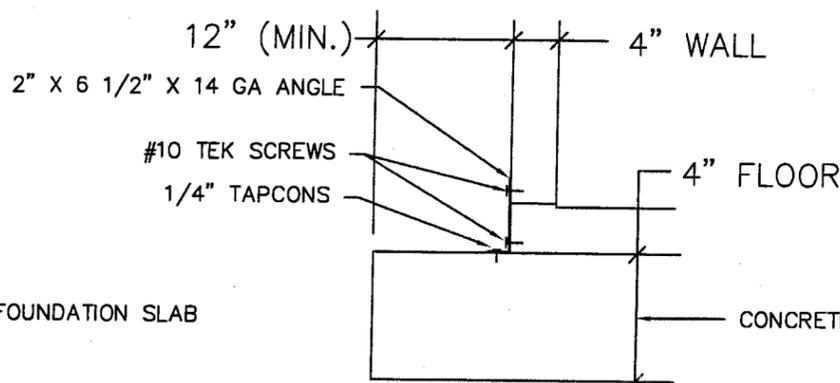
NOTE: ALL DIMENSIONS ARE IN INCHES
 ELEVATION @ NORTH AND SOUTH SIDEWALLS AND ROOF PANEL FASTENER LAYOUT (NTS)
 ALL FASTENERS, #10 TEKS



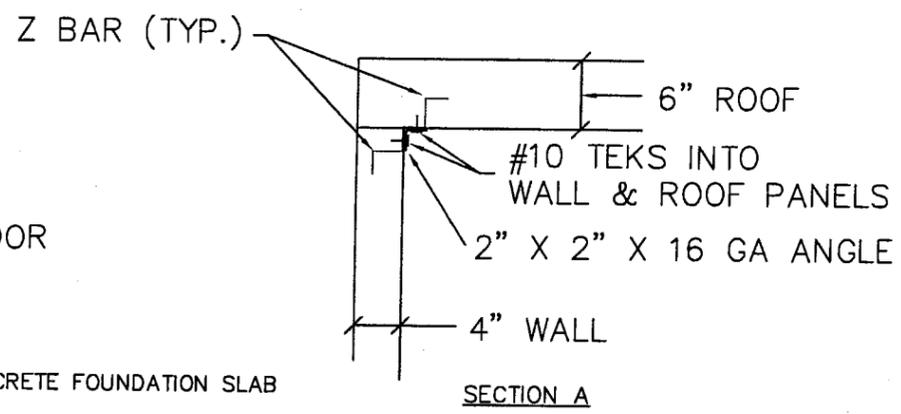
PLAN VIEW AT FLOOR LEVEL OF NORTH/SOUTH WALLS 4 & 5 - FASTENER LAYOUT



SECTION C



SECTION B



SECTION A

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-1222.05
 Expiration Date 02/05/2011
 By: *Helmut A. Tolat*
 Miami Dade Product Control
 Division

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

Ed Felt
 8/28/06

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			
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DOOR OPNG: 36" x 76"			
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)			
REV.	DATE	ECN NO.	REMARKS

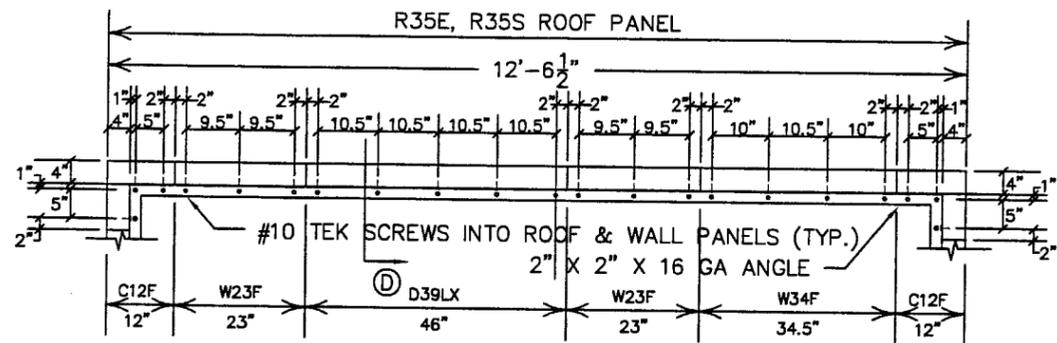
MB MASTER-BILT
 Refrigeration Solutions

HWY 15 NORTH
 NEW ALBANY, MISSISSIPPI 38652
 a Standex company

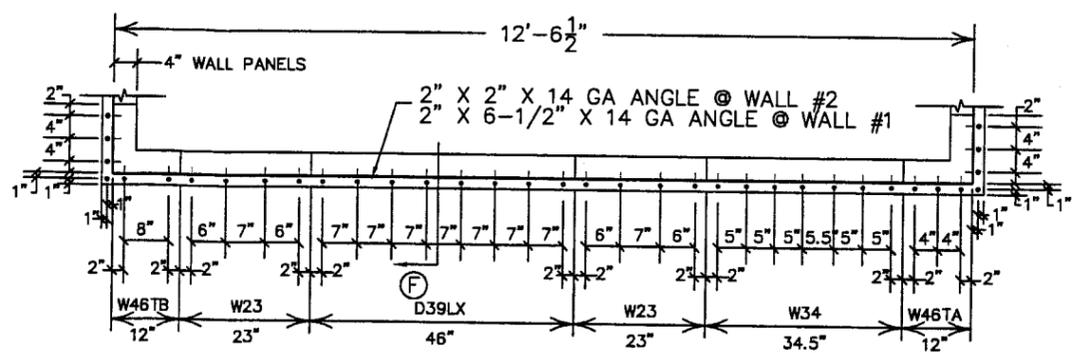
DRAWN BY: BHS/CP
 CHECKED BY: DATE: 11/15/05
 APPV. BY: PAGE: 6 OF 7
 CAD NO.: AP-9766
 SCALE: 3/8" = 1'-0"

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	

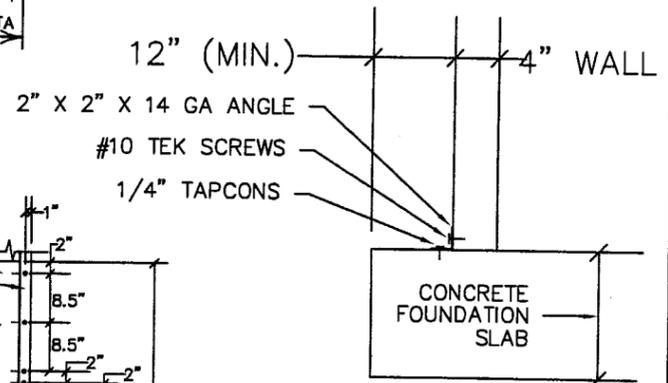
REV A B/24/06 CP REVISED PER V. TOLAT'S NOTES



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

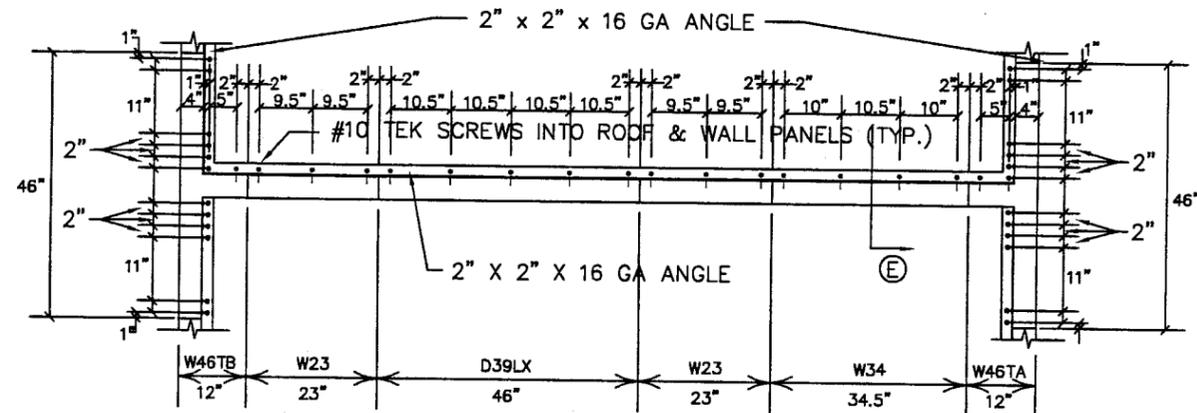


PLAN VIEW @ EAST & WEST WALLS, #1 & #2 AT FLOOR LEVEL
FASTENER LAYOUT (ALL FASTENERS - #10 TEKS)

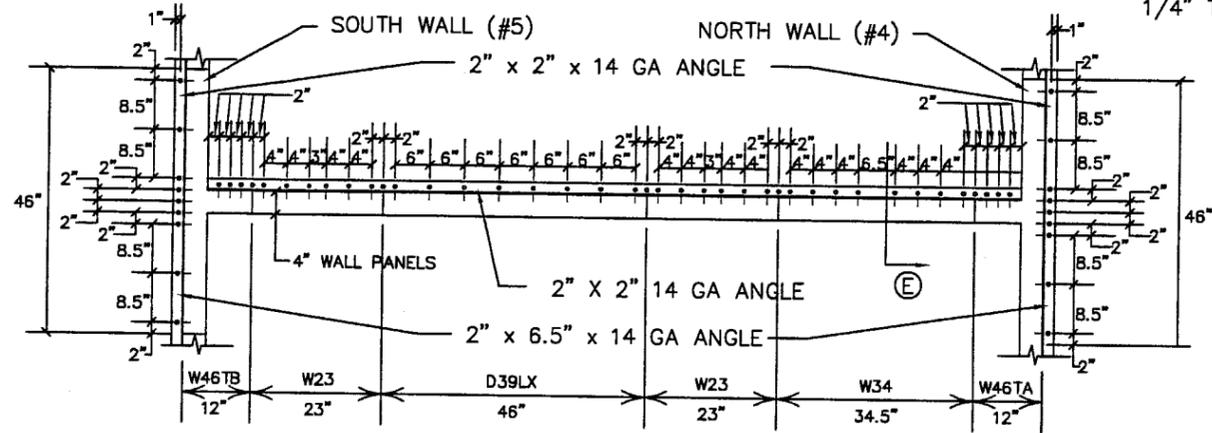


SECTION F
WALL #2

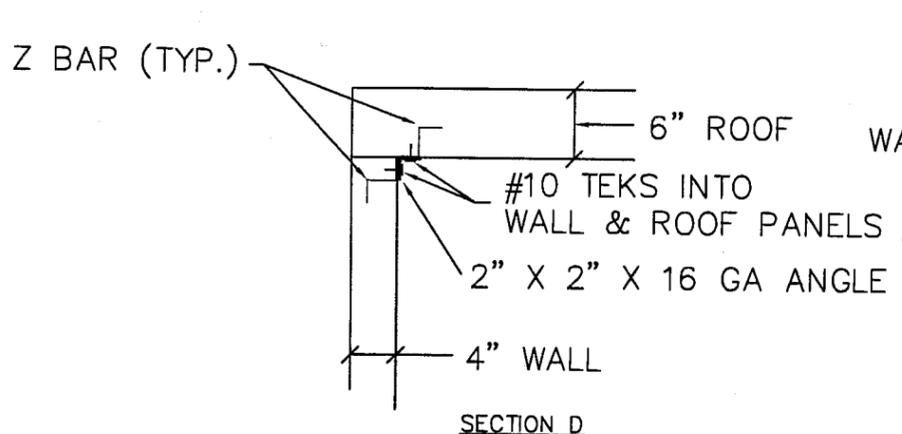
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-1222-05
Expiration Date 02/05/2011
By Helmut A. Mohr
Miami Trade Product Control
Division



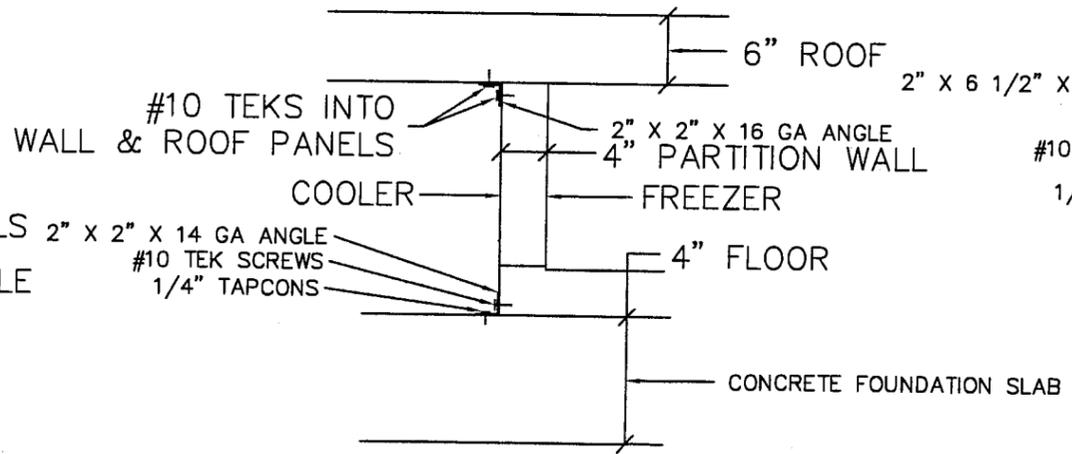
PLAN VIEW @ ROOF LEVEL, WALL #3 (PARTITION WALL)
FASTENER LAYOUT (ALL FASTENERS - #10 TEKS)



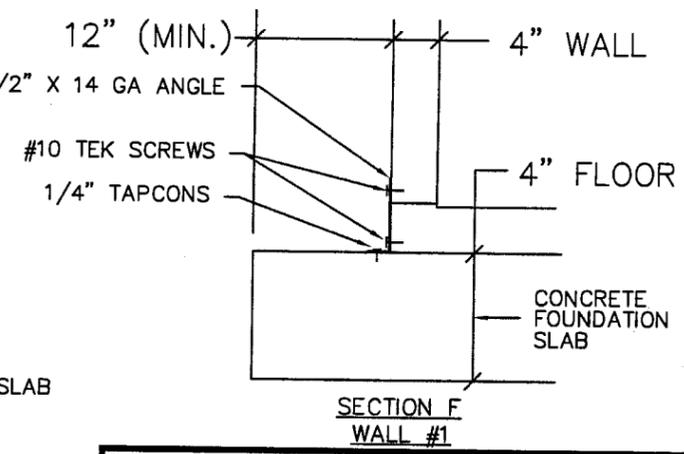
PLAN VIEW PARTITION WALL #3 AT FLOOR LEVEL
FASTENER LAYOUT



SECTION D



SECTION E



SECTION F
WALL #1

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

Handwritten signature and date: 8/28/06

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

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.

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FIN. F 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)	
REV. DATE	ECN NO. REMARKS

MB MASTER-BILT
Refrigeration Solutions

HWY 15 NORTH
NEW ALBANY, MISSISSIPPI 38652
a Standex company

DRAWN BY BHS/CP CAD NO. AP-9766
CHECKED BY DATE 11/15/05
APPV. BY PAGE 7 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, EAST-WEST WALLS	
MODEL NO. PROPOSED UNIT	REVISION