MIAMI-DADE COUNTY
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
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/economy

NOTICE OF ACCEPTANCE (NOA)

Bally Refrigerated Boxes, Inc.
135 Little Nine Drive
Morehead City, North Carolina 28557

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 RER- 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. RER 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 Cooler / Freezer

APPROVAL DOCUMENT: Drawing No. KC24-0906, titled " Walk-In Cooler / Freezer ", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, signed and sealed by J. W. Knezevich, P.E., dated October 01, 2024, last revision #0 dated September 30, 2024, 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 NOA #22-1108.01** 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., M.S.**

MIAMI-DADE COUNTY APPROVED

Helmy A. Makar
01/16/2025

NOA No. 24-1011.11
Expiration Date: 02/07/2028
Approval Date: 01/16/2025

Bally Refrigerated Boxes, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 12-0313.02

A. DRAWINGS

1. *Drawing No. 11-BAL-03, titled " Walk-In Cooler / Freezer ", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, signed and sealed by J. W. Knezevich, P.E., dated January 24, 2013, last revision #2 dated January 23, 2013.*

B. TESTS

1. *Test report on Large Missile Impact Test, Cyclic Load Test and Uniform Static air Pressure Test, Axial Load Test, and Racking load Test on Metal Sheathed Urethane Foam Filled Modular Panel Walk-in Coolers / Freezers, prepared by Construction Testing Corporation, Report No. 11-002, dated October 12, 2012, signed and sealed by Yamil G. Kuri, P.E.*

C. CALCULATIONS

1. *Calculation titled "Walk-in Cooler / Freezer", dated March 05, 2012, 45 pages, prepared by Knezevich Consulting, signed and sealed by J. W. Knezevich, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *Mill Certified Report issued by Molecular Chemical Systems with the Chemical composition and Mechanical Properties for Low Density Liquid Polyurethane.*
2. *Test report on skin thickness and specification prepared by Construction Testing Corporation, Report No. 11-002, dated October 12, 2012, signed and sealed by Yamil G. Kuri, P.E.*
3. *Test report on Urethane Foam by UL.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 15-0629.07

A. DRAWINGS

1. *Drawing No. KC15-0529, titled " Walk-In Cooler / Freezer ", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, signed and sealed by J. W. Knezevich, P.E., dated June 04, 2015, last revision #0 dated June 04, 2015.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-1011.11
Expiration Date: 02/07/2028
Approval Date: 01/16/2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. None.

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 17-0830.08

A. DRAWINGS

1. Drawing No. KC15-0529, titled " Walk-In Cooler / Freezer ", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, signed and sealed by J. W. Knezevich, P.E., dated August 23, 2017, last revision #1 dated August 23, 2017.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 21-0201.09

A. DRAWINGS

1. Drawing No. KC20-0901, titled " Walk-In Cooler / Freezer ", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, signed and sealed by J. W. Knezevich, P.E., dated January 05, 2021, last revision #0 dated January 05, 2021.

B. TESTS

1. None.

C. CALCULATIONS

1. Calculation titled "Walk-in Cooler / Freezer", dated January 05, 2021, 9 pages, prepared by Knezevich Consulting, signed and sealed by J. W. Knezevich, P.E. On January 22, 2021.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-1011.11
Expiration Date: 02/07/2028
Approval Date: 01/16/2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 22-1108.01

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

6. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. KC24-0906, titled " Walk-In Cooler / Freezer ", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, signed and sealed by J. W. Knezevich, P.E., dated October 01, 2024, last revision #0 dated September 30, 2024.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. FBC, 2023 edition compliance letter issued by Knezevich Consulting, LLC, signed and sealed by J. W. Knezevich, P.E., dated October 01, 2024

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-1011.11
Expiration Date: 02/07/2028
Approval Date: 01/16/2025

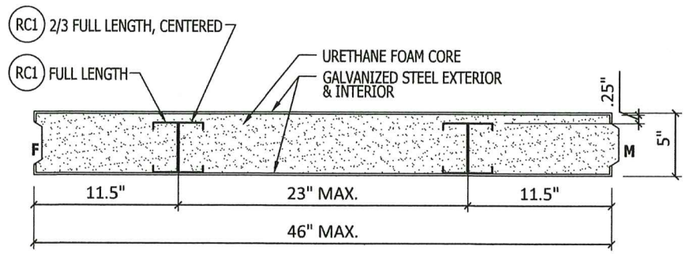
GENERAL NOTES:

1. These Product Evaluation Documents (PEDs) represent a Walk-In Cooler/Freezer system designed and tested with the provisions set for the issuance of a Notice of Acceptance (NOA) by Miami-Dade County Department of Regulatory and Economic Resources, Product Control Section. This design is in accordance with the Florida Building Code, Building 8th Edition (2023), including the provisions of the High Velocity Hurricane Zone (HVHZ).
2. These PEDs address the structural and material requirements for compliance with the structural portions of the noted codes. Architectural, mechanical, electrical and waterproofing requirements are not part of the evaluation. Specific use of the evaluation requires the Architect or Engineer of Record to address the architectural, mechanical, electrical, and waterproofing requirements for the installation.
3. Design Loads
   - A. Roof:
     1) Live Load 30.0 psf
     2) Dead Load 3.5 psf
     3) Maximum weight of mechanical equipment is 330 lbs. per condensing unit. Space units at least 4'-0" o.c.
   - B. Walls:
     1) Dead Load 2.0 psf
   - C. Floor:
     1) Live Load — Insulated Floor 250 psf; Floorless Slab rating Limit LL to rating of concrete slab
     2) Dead Load — Floor Panel 4.0 psf
   - D. Wind loads shall be determined in accordance with the Authority Having Jurisdiction and the governing code provisions at the time of permit based on the site specific conditions. See Tables 1, 2, & 3 on Sheet 2 for allowable stress design (ASD) wind loads and forces used in the design outlined within these documents. These ASD loads and forces are based on wind load resistance testing. Wind loads determined in accordance with FBC Section 1609 or 1620 shall be multiplied by the ASD load factor of 0.6 for comparison with allowable loads and forces on these documents.
4. These PEDs are generic and do not include information for site specific application of this Walk-in Cooler/Freezer system.
5. These PEDs shall bear the original signature, date and seal of the Professional Engineer that prepared them.
6. Any modification or additions to these PEDs will void the documents.
7. These PEDs shall not be applied by the Contractor on a specific site without the involvement of an Architect or Engineer of Record (A/E of Record). The A/E of Record shall be responsible for compliance with the code requirements of a specific installation including but not limited to the following:
   - A. Verify the site specific wind load requirements are within the criteria used to develop these PEDs and the unit is configured in compliance with the structural limitations identified in Tables 2 and 3.
   - B. Verify the foundation design is adequate to resist the superimposed loads identified in Table 1.
   - C. Verify the existing building is adequate to resist the superimposed loads identified in Table 1.
   - D. Weather protection, architectural, mechanical, and electrical requirements are outside the scope of these PEDs. Determine and/or provide for compliance with the requirements of the Authority Having Jurisdiction.
8. When the site conditions deviate from these PEDs, the Building Official shall require that a one-time site specific approval be applied for and secured from the Miami-Dade County Department of Regulatory and Economic Resources, Product Control Section.
9. All aluminum materials shall comply with the alloys as noted on the drawings.
10. All bolts shall be 304 stainless steel complying with ASTM F593A Condition A with a min tensile strength of 75 ksi u.o.n.
11. All screws shall be electro-galvanized steel or 300 series stainless steel with a min. tensile strength of 75 ksi u.o.n. Stainless steel screws shall be used when exposed to the weather.
12. All concrete anchors shall be as specified on the drawings. Embedment lengths noted on the drawings shall not include finish material. Anchors are approved for use in uncracked concrete only with a minimum f'c = 3,000 psi.
13. An allowable stress increase is not used in the design of the cooler/freezer unit nor its attachments.
14. Dissimilar metals in contact with aluminum shall be protected in accordance with the Aluminum Design Manual, 2020, Chapter M.7.

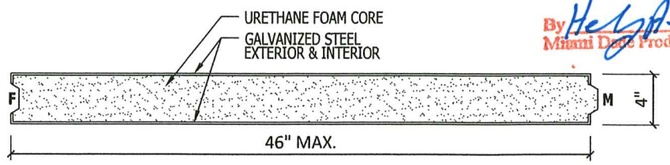
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 24-1011.11
Expiration Date 02/07/2028
By Miami Dade Product Control

RIGID URETHANE FOAM SANDWICH PANEL SPECIFICATIONS

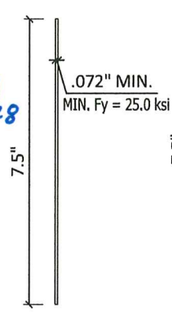
1. Wall & roof composite sandwich panels are comprised of aluminum or steel facings with poured urethane plastic cores. Thickness and material of facings shall be as shown on these PEDs.
2. Composite panels are approved for use in walk-in coolers where the aggregate floor area does not exceed 400 square feet. For specific requirements of foam plastics in walk-in coolers, see FBC Section 2603.4.1.3.
3. Steel facings used on wall panels and bottom of floor panels shall comply with ASTM A653 CS with a min. Fy = 41.2 ksi, min. thickness of 0.0216" and a G60 coating.
4. Steel facings used on roof panels shall comply with ASTM A653 CS with a min. Fy = 41.2 ksi, min. thickness of 0.0216" and a G60 coating.
5. Metal facings used on interior (top) of floor panels shall comply with one of the following:
   - A. 3003-H14 aluminum alloy, minimum thickness of 0.100".
   - B. ASTM A653 CS steel with a min. Fy = 31.0 ksi, min. thickness of 0.058" and a G60 coating.
   - C. ASTM A480, 301 stainless steel, minimum thickness of 0.058".
   - D. ASTM A480, 430 stainless steel, minimum thickness of 0.058".
   - E. 3003-H22 aluminum alloy diamond tread, min. thickness of 0.125".
6. Reinforcing channels, connection plates, and tapping plates shall be steel sheet complying with ASTM A653 CS with a min. Fy and min. thickness as designated. Steel sheet not embedded within the panel shall have a G60 coating.
7. Average density of urethane foam core shall be 2.1 pcf with a range of any given measurement of +/- 10%.
8. Urethane foam core shall be as manufactured by Carpenter Co., UL Listing No. R11056 and have a flame spread rating of not more than 75 and shall have a smoke-developed rating of not more than 450.
9. Metal facings shall be factory primed with a minimum of 0.02 mils thickness of AkzoNobel clear epoxy coating, Product Code EC3R18304.



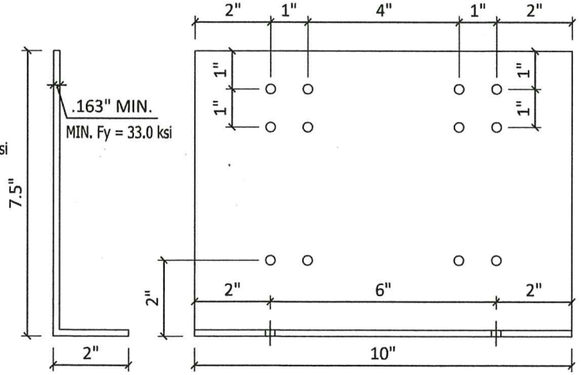
RP ROOF PANEL - MAX. LENGTH 11'-7"
SCALE: 1" = 1'-0"



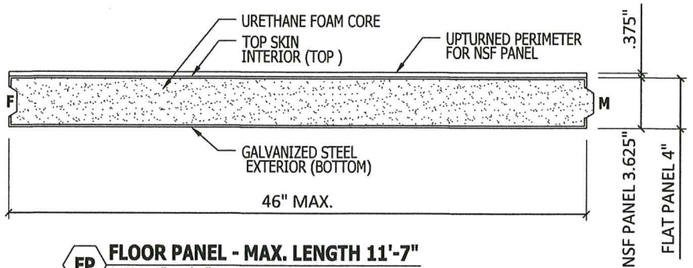
WP WALL PANEL - MAX. CLEAR HEIGHT 8'-10"
SCALE: 1" = 1'-0"



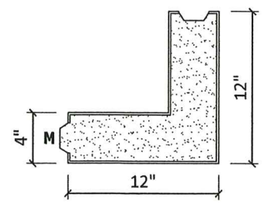
CP1 CONNECTION PLATE 1 (STEEL)
SCALE: 3" = 1'-0"



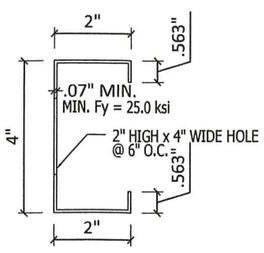
CP2 CONNECTION PLATE 2 (STEEL)
SCALE: 3" = 1'-0"



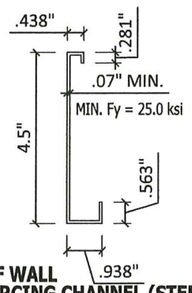
FP FLOOR PANEL - MAX. LENGTH 11'-7"
SCALE: 1" = 1'-0"



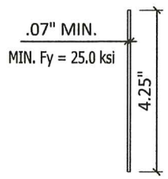
WC WALL PANEL (CORNER SECTION)
SCALE: 1" = 1'-0"



RC1 REINFORCING CHANNEL (STEEL)
SCALE: 3" = 1'-0"



RC2 BASE OF WALL REINFORCING CHANNEL (STEEL)
SCALE: 3" = 1'-0"



TP TAPPING PLATE (STEEL)
SCALE: 3" = 1'-0"

KNEZEVICH CONSULTING
KNEZEVICH CONSULTING, LLC
1600 S. Federal Hwy., Suite 961
Pompano Beach, FL 33062
T 954.772.6224 * COA 27988
www.knezevich.com

WALK-IN COOLER/FREEZER

Client/ Manufacturer: Bally Refrigerated Boxes Inc.
135 Little Nine Road
Morehead City, NC 28557
T: (800) 242-2559

Revisions

No.	Date	By	Descripton
0	09/30/2024	JWK	FBC 2023 Update to KC20-0901

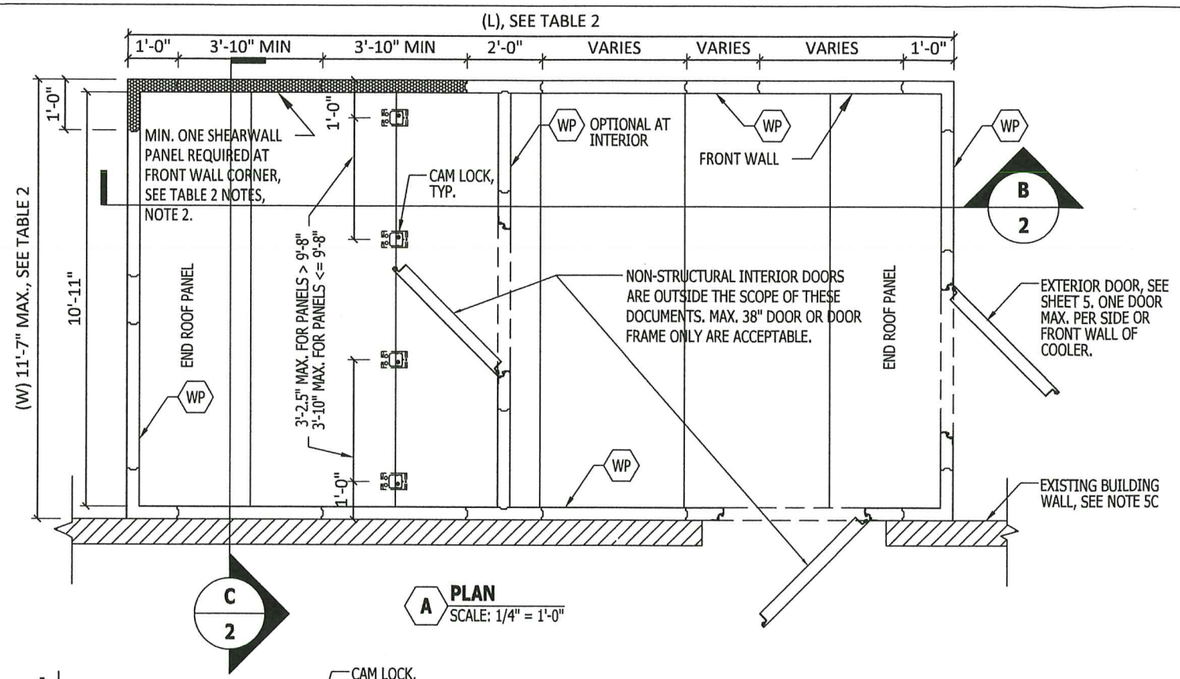
Scale: AS NOTED
Drawn by: JWK
Date: 09/30/2024

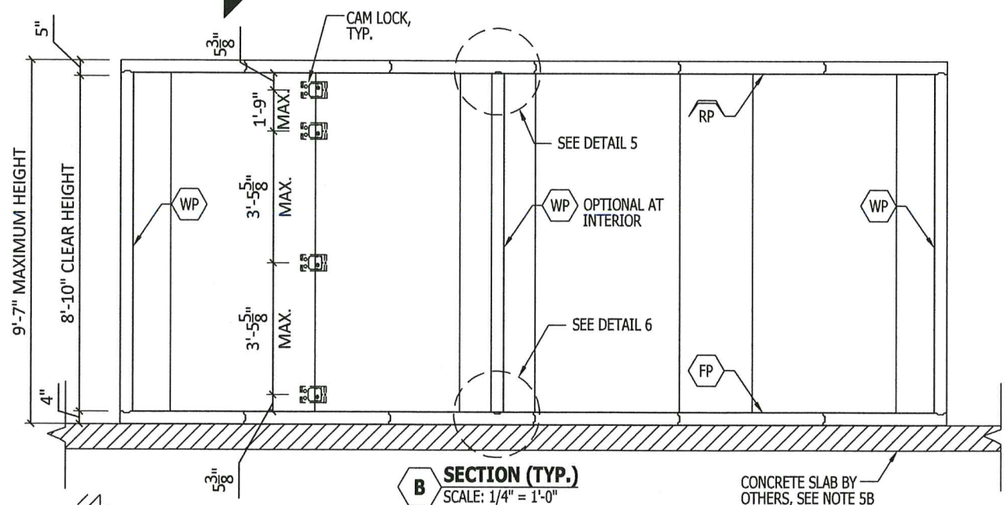
J.W. Knezevich
Professional Engineer
FL License No. PE 41961

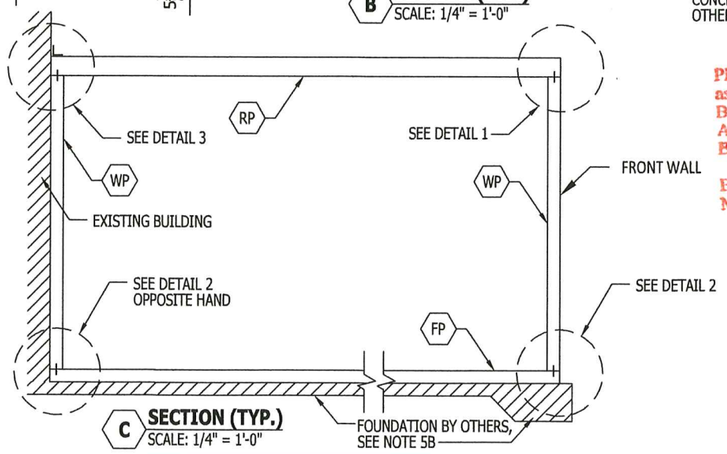
J.W. KNEZEVICH LICENSE NO. 41961 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/1/24

Drawing No. KC24-0906







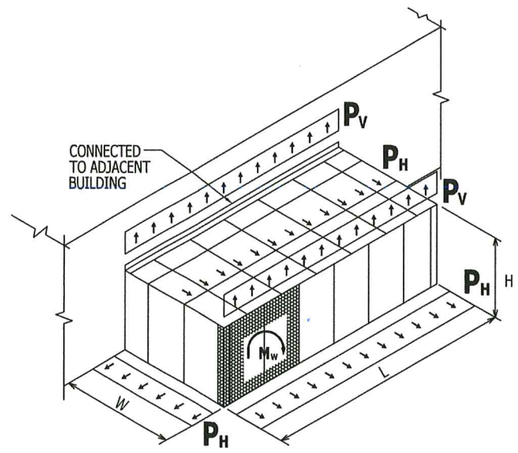
PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 24-1011.11
Expiration Date 02/07/2029
By Miami Dade Product Control

TABLE 1

LOADS FOR FOUNDATION DESIGN	
LOAD	NET WIND FORCES (ASD)
P_V	± 318 LB/FT
P_H	± 214 LB/FT
M_W	± 11,400 FT-LB/ SHEARWALL PANEL

TABLE 2

MAX. ALLOWABLE (ASD) ROOF PANEL DIAPHRAGM FORCES		
PANEL TYPE	MOMENT (FT-LBS/PANEL)	SHEAR (LBS/PANEL)
RP	5,790	1,000
MAX. ALLOWABLE (ASD) SHEARWALL PANEL FORCES		
PANEL TYPE	MOMENT (FT-LBS/PANEL)	SHEAR (LBS/PANEL)
WP	11,400	1,245



SEE TABLE 2 FOR SHEARWALL & DIAPHRAGM LIMITATIONS

D ISOMETRIC WITH SUPERIMPOSED WIND LOADS
N.T.S.

TABLE 3

MAXIMUM UNIFORM LOAD, BENDING MOMENT AND SHEAR VALUES (ASD)								
PANEL TYPE		MAX. PANEL LENGTH	MAX. ALLOWABLE UNIFORM WIND LOAD (lbs/sq ft)		MAX. ALLOWABLE MIDSPAN MOMENT (Unit Width - ft-lbs/ft)		MAX. ALLOWABLE END SHEAR (Unit Width - lbs/ft)	
ROOF PANELS	RP	11'-7"	+15.3	-58.7	+593	-895	+211	-318
WALL PANELS	WP	8'-10"	+42.0	-48.5	+410	-473	+185	-214

TABLE 1 NOTES:

1. Net wind forces (ASD) represent the reactions from allowable stress wind wind load combinations assuming maximum roof panel spans and maximum wall panel heights.
2. P_V represents the vertical wind reaction.
3. P_H represents the horizontal wind reaction.
4. M_W represents the shearwall base moment for each required shearwall panel.

TABLE 2 NOTES:

1. A sufficient number of 46" roof panels shall be provided to maintain the roof diaphragm moment and shear in each panel below the maximum ASD values shown here.
2. A shearwall panel consisting of two 46" panels and a corner panel shall be provided on the front wall to provide the shearwall moment and shear resistance shown. A second shearwall panel may be provided at the opposite corner where required.

TABLE 3 NOTES:

1. Allowable wind loads shown represent the maximum ASD component uniform wind loads for each panel span complying with the moment and shear limitations.
2. For site specific non-uniform wind loads, evaluate maximum spans using maximum allowable moments and shears.
3. Spans less than the maximum panel length are not governed by deflection.
4. Maximum panel length shall not be exceeded.
5. Allowable moments and shears for wall and roof panels are based on a factor of safety of 1.5 for wall panels and 2.0 for roof panels with a minimum recovery of 80% in accordance with TAS 202 and the HVHZ provision of the FBC. Allowable moments and shears are also in compliance with FBC Section 1709.3 providing for a factor of safety of 2.0 with a minimum recovery of 75% and a factor of safety of 2.5 on ultimate test loads.
6. Positive moments and shears represent midspan moments and end shears resulting from positive wind load.
7. Negative moments and shears represent midspan moments and end shears resulting from negative wind load.

KNEZEVICH CONSULTING
KNEZEVICH CONSULTING, LLC
1600 S. Federal Hwy., Suite 961
Pompano Beach, FL 33062
T 954.772.6224 * COA 27988
www.knezevich.com

WALK-IN COOLER/FREEZER

Client / Manufacturer: Bally Refrigerated Boxes Inc.
135 Little Nine Road
Morehead City, NC 28557
T: (800) 242-2559

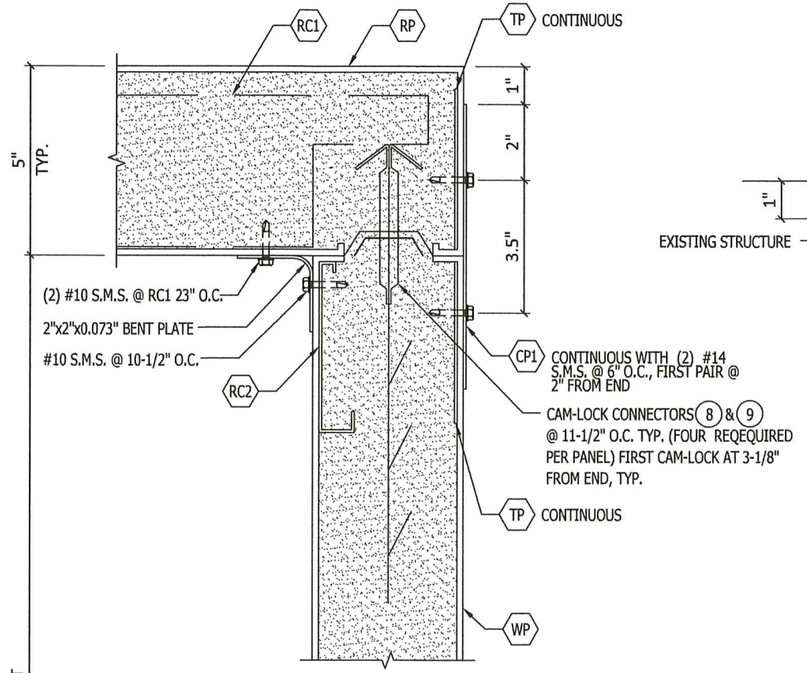
Revisions			
No.	Date	By	Description
0	09/30/2024	JWK	FBC 2023 Update to KC20-0901

Scale: AS NOTED
Drawn by: JWK
Date: 09/30/2024

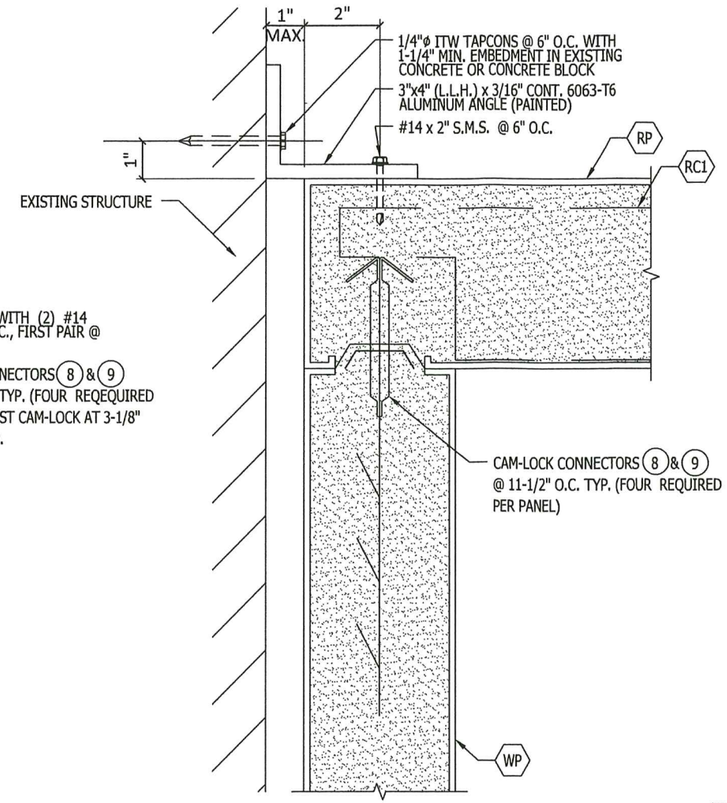
J.W. Knezevich
Professional Engineer
FL License No. PE 41961

J.W. KNEZEVICH LICENSE NO. 41961 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/1/24

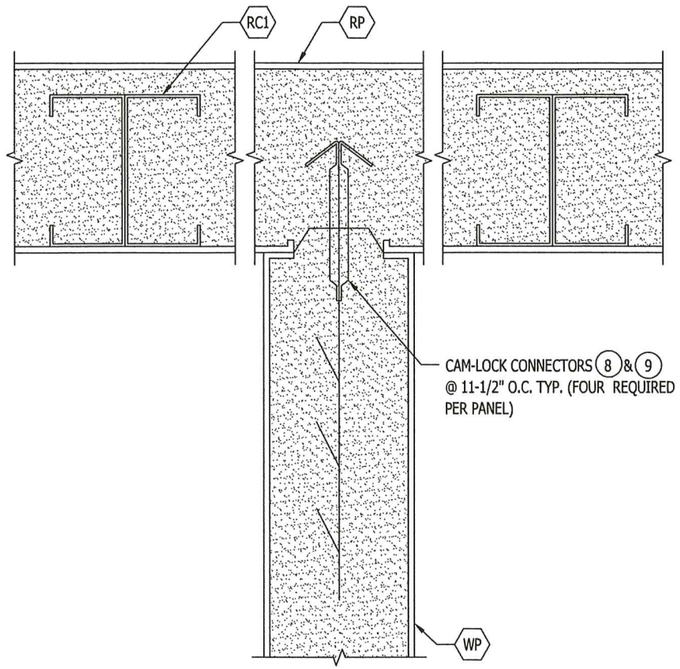
Drawing No. KC24-0906



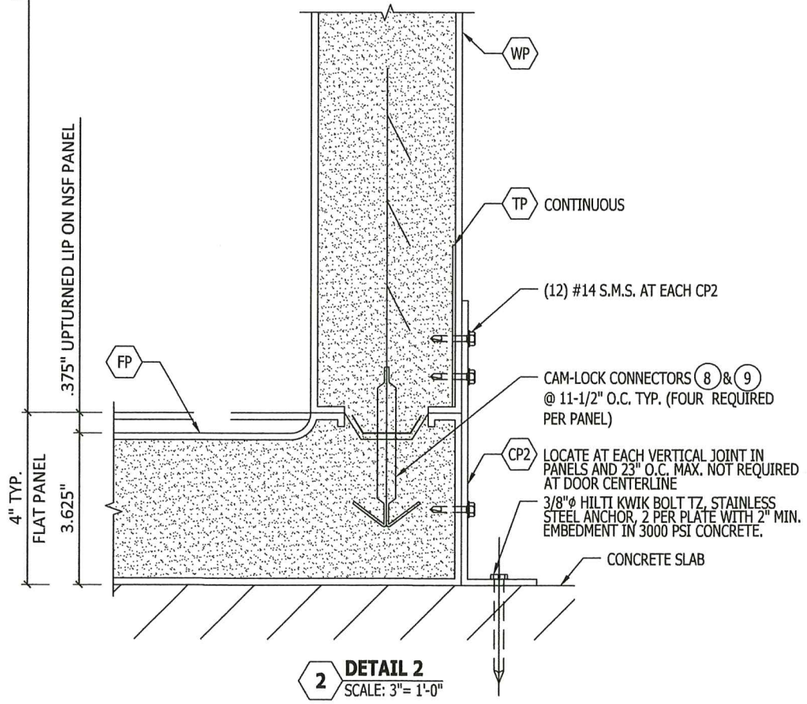
1 **DETAIL 1**
SCALE: 3"= 1'-0"



3 **DETAIL 3**
SCALE: 3"= 1'-0"



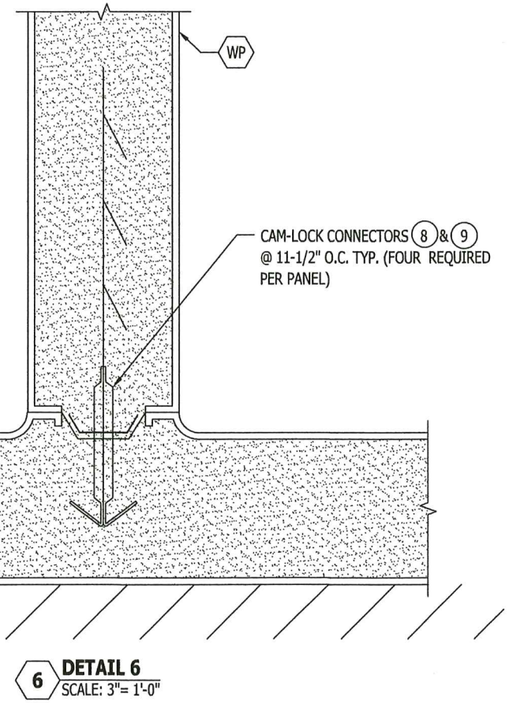
5 **DETAIL 5**
SCALE: 3"= 1'-0"



2 **DETAIL 2**
SCALE: 3"= 1'-0"

NOT USED

4 **DETAIL 4**
SCALE: 3"= 1'-0"



6 **DETAIL 6**
SCALE: 3"= 1'-0"

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 24-1011.11
Expiration Date 02/07/2028
By Miami Dade Product Control

KNEZEVICH CONSULTING

KNEZEVICH CONSULTING, LLC
1600 S. Federal Hwy, Suite 961
Pompano Beach, FL 33062
T 954.772.6224 * COA 27988
www.knezevich.com

WALK-IN COOLER/FREEZER

Client / Manufacturer:
Bally Refrigerated Boxes Inc.
135 Little Nine Road
Morehead City, NC 28557
T: (800) 242-2559

Revisions

No.	Date	By	Description
0	09/30/2024	JWK	FBC 2023 Update to KC20-0901

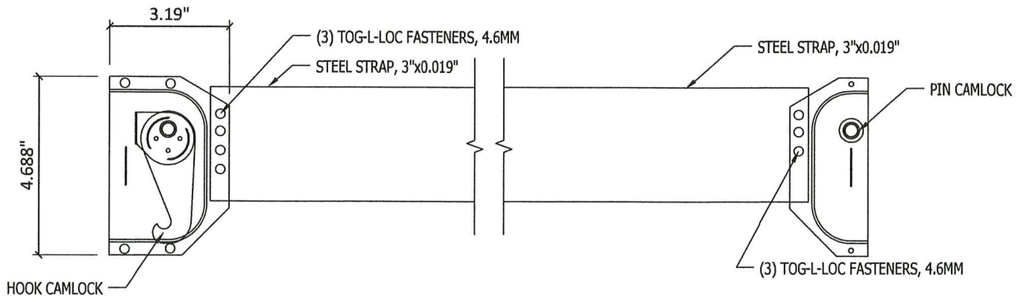
Scale: AS NOTED
Drawn by: JWK
Date: 09/30/2024

J.W. Knezevich
Professional Engineer
FL License No. PE 41961

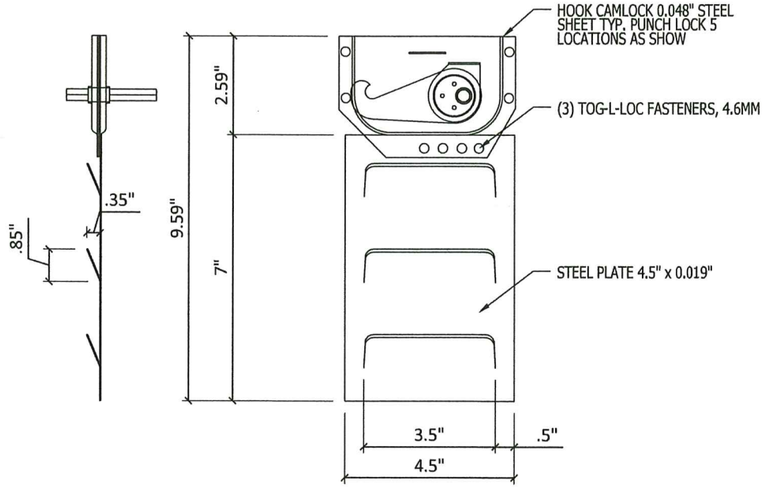
J.W. KNEZEVICH LICENSE NO. 41961 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/1/24

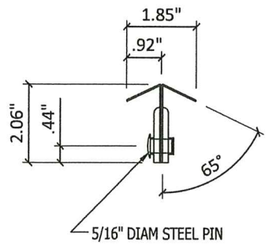
Drawing No.
KC24-0906

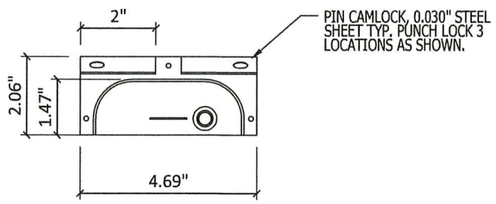


7 WALL AND ROOF CAMLOCKS - SIDES
SCALE: 3"= 1'-0"



8 WALL CAMLOCK - HOOK - TOP AND BOTTOM
SCALE: 3"= 1'-0"





9 ROOF AND FLOOR CAMLOCK - PIN - EACH END
SCALE: 3"= 1'-0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 24-1011.11
Expiration Date 02/07/2028
By
Miami Dade Product Control

J.W. KNEZEVICH LICENSE NO. 41961 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/1/24

KNEZEVICH CONSULTING

KNEZEVICH CONSULTING, LLC
1600 S. Federal Hwy., Suite 961
Pompano Beach, FL 33062
T 954.772.6224 * COA 27988
www.knezevich.com

WALK-IN COOLER/FREEZER

Client / Manufacturer:
Bally Refrigerated Boxes Inc.
135 Little Nine Road
Morehead City, NC 28557
T: (800) 242-2559

Bally®

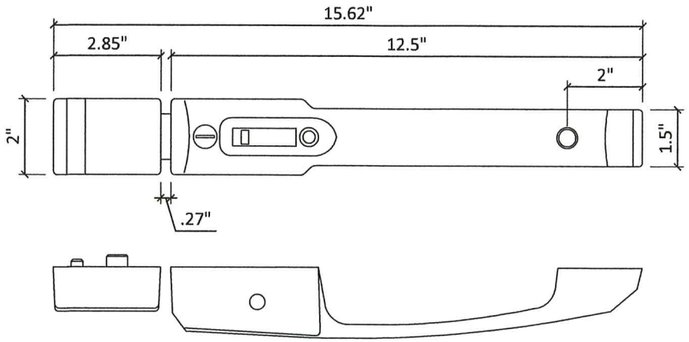
Revisions

No.	Date	By	Description
0	09/30/2024	JWK	FBC 2023 Update to KC20-0901

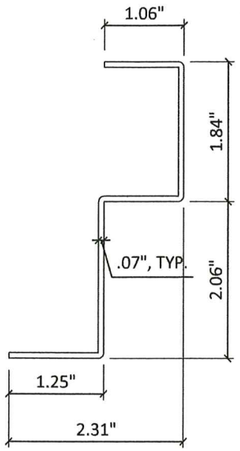
Scale: AS NOTED
Drawn by: JWK
Date: 09/30/2024

J.W. Knezevich
Professional Engineer
FL License No. PE 41961

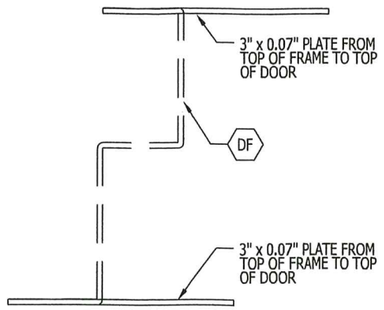
Drawing No.
KC24-0906



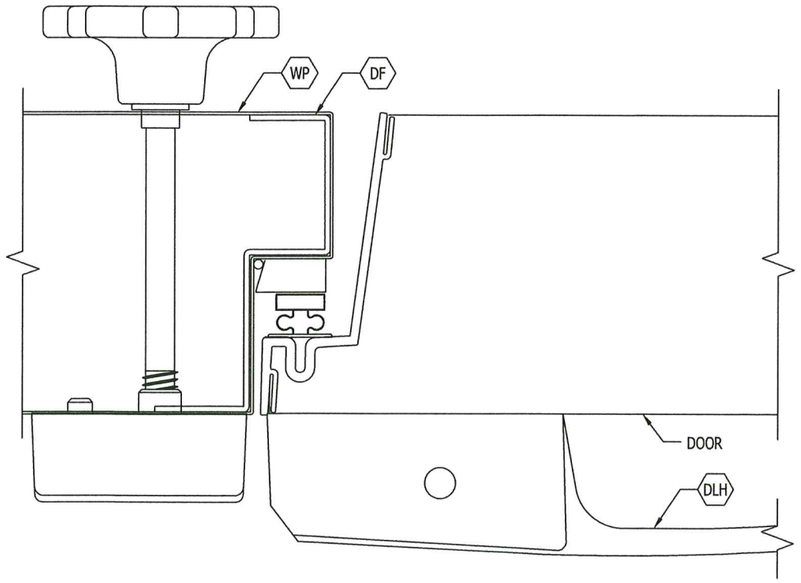
DLH **DOOR LATCH AND HANDLE**
SCALE: 3"= 1'-0"



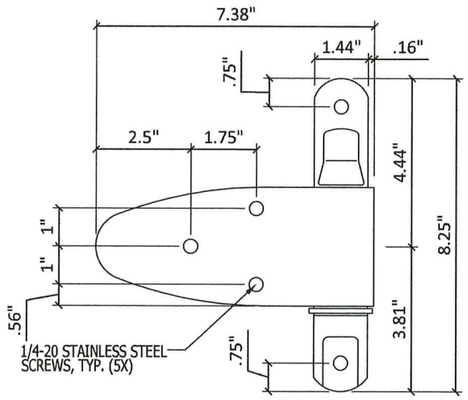
DF **DOOR FRAME**
SCALE: HALF SIZE



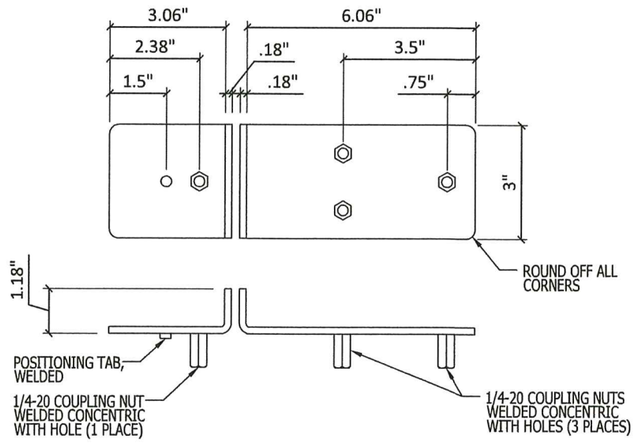
DFP **DOOR FRAME EXTENSION (SECTION F)**
SCALE: HALF SIZE



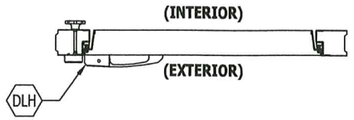
G **SECTION G**
SCALE: HALF SIZE

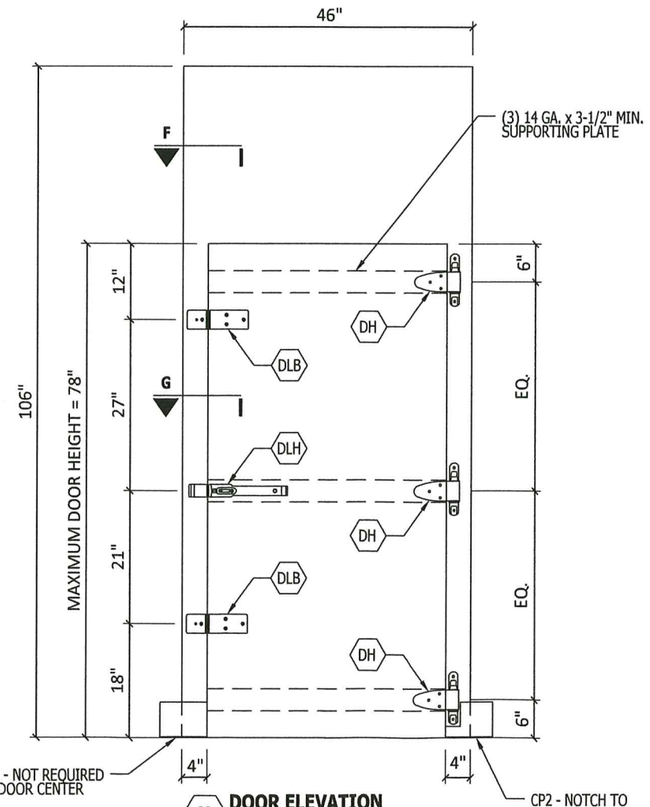


DH **DOOR HINGE**
SCALE: 3"= 1'-0"

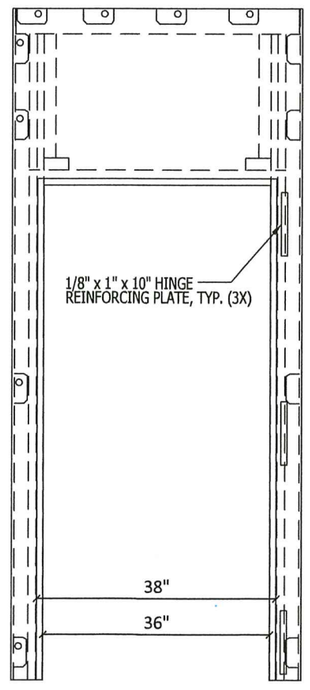


DLB **DOOR LOCKING BAR**
SCALE: 3"= 1'-0"





H **DOOR ELEVATION**
SCALE: 1/2"= 1'-0"



J **DOOR FRAME ELEVATION**
SCALE: 1/2"= 1'-0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 24-1011.11
Expiration Date 02/07/2028
By
Miami Dade Product Control

KNEZEVICH CONSULTING
KNEZEVICH CONSULTING, LLC
1600 S. Federal Hwy., Suite 961
Pompano Beach, FL 33062
T 954.772.6224 * COA 27988
www.knezevich.com

WALK-IN COOLER/FREEZER

Client/ Manufacturer:
Bally Refrigerated Boxes Inc.
135 Little Nine Road
Morehead City, NC 28557
T: (800) 242-2559

Revisions

No.	Date	By	Description
0	09/30/2024	JWK	FBC 2023 Update to KC20-0901

Scale: AS NOTED
Drawn by: JWK
Date: 09/30/2024

J.W. Knezevich
Professional Engineer
FL License No. PE 41961

J.W. KNEZEVICH LICENSE NO. 41961 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/1/24

Drawing No.
KC24-0906
sheet 5 of 5