



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

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Reliable Products

**1300 Enterprise Rd. (PO Box 580)
 Geneva, AL 36340**

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Model 6375DC Aluminum Louver

APPROVAL DOCUMENT: Drawing No. **60-022283-00B**, titled "6375DC Test and Approval Drawings", sheets 1 through 12 of 12, dated 03/23/2012, with revision C dated 09/25/2020, prepared by the Reliable Products, signed and sealed by Melissa M. Massar, P.E. on 02/04/2021, bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and 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, Geneva, AL and Juarez Mexico, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

LIMITATION: This louver is to be installed in a location where the room behind the louver is designed to drain water penetrating into the room, and the room will house water resistant/waterproof equipment, components, or supplies.

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** and **revises** NOA # **17-1221.26** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



NOA No. 20-1015.07
Expiration Date: July 9, 2026
Approval Date: April 15, 2021
 Page 1

Reliable Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous NOA's

A. DRAWINGS “Submitted under NOA # 12-0607.01”

1. Drawing No. **60-022283-00B**, titled “6375DC Test and Approval Drawings”, sheets 1 through 20 of 20, dated 03/23/2012, with revision B dated 07/02/2012, prepared by the manufacturer, signed and sealed by Daniel J. Rau, P.E.

B. TESTS “Submitted under NOA # 12-0601.22”

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of ELF6375DXD Aluminum Louvers”, prepared by National Certified Testing Laboratories, Report No. **210-3780-1**, dated 03/26/2012, signed and sealed by Gerard J. Ferrara, P.E.

“Submitted under NOA # 01-0328.04”

2. Test report on Large Missile Impact Test per PA 201, Cyclic wind Pressure Test per PA 203 and Uniform Static Air Pressure Test per PA 202 of “Open, Extruded Aluminum Louver Assembly,” prepared by Construction Research Laboratory Inc., Report No. **97-1124.22**, dated 08/04/2000 and revised on 12/18/2000, signed and sealed by N. S. Balsara, P.E.

C. CALCULATIONS “Submitted under NOA # 16-0519.10”

1. ELF6375DXD louver wind load review, prepared by Ruskin Company, dated 05/04/2016, signed and sealed by Daniel J. Rau, P.E.

“Submitted under NOA # 15-0923.04”

2. ELF6375DXD louver wind load review, prepared by Ruskin Company, dated 09/08/2015, signed and sealed by Chelsea GQ Welch, P.E.

“Submitted under NOA # 12-0601.22”

3. ELF6375DXD louver wind load review, prepared by Ruskin Company, dated 07/05/2012, signed and sealed by Daniel J. Rau, P.E.

“Submitted under NOA # 11-0408.06”

4. ELF6375DXD louver wind load review, prepared by the manufacturer, dated 08/06/2010, signed and sealed by Daniel J. Rau, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 20-1015.07
Expiration Date: July 9, 2026
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Reliable Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS “Submitted under NOA # 16-1107.02”

1. Distributor agreement dated 09/22/2016.

“Submitted under NOA # 16-0519.10”

2. Statement letter of code conformance to the 5th edition (2014) FBC issued by Ruskin Company, dated 05/04/2016, signed and sealed by Daniel J. Rau, P.E.

“Submitted under NOA # 12-0601.22”

3. Statement letter of code conformance to 2010 FBC and no financial interest, issued by Ruskin Company, dated 04/26/2012, signed and sealed by Daniel J. Rau, P.E.

2. Evidence submitted under NOA # 17-1221.26

A. DRAWINGS

1. Drawing No. **60-022283-00B**, titled “6375DC Test and Approval Drawings”, sheets 1 through 20 of 20, dated 03/23/2012, with revision B dated 10/23/2017, prepared by the manufacturer, signed and sealed by Theodore Berman, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 6th Edition (2017) FBC and of no financial interest issued by Ted Berman and Associates, LLC, dated 11/13/2017, signed and sealed by Theodore Berman, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 20-1015.07
Expiration Date: July 9, 2026
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Reliable Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **60-022283-00B**, titled “6375DC Test and Approval Drawings”, sheets 1 through 12 of 12, dated 03/23/2012, with revision C dated 09/25/2020, prepared by the Reliable Products, signed and sealed by Melissa M. Massar, P.E. on 02/04/2021.

B. TESTS

1. None.

C. CALCULATIONS “Submitted under NOA # 20-1015.06”

1. Louver wind load review prepared by Ruskin Company, dated 09/18/2020, signed and sealed by Melissa M. Massar, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

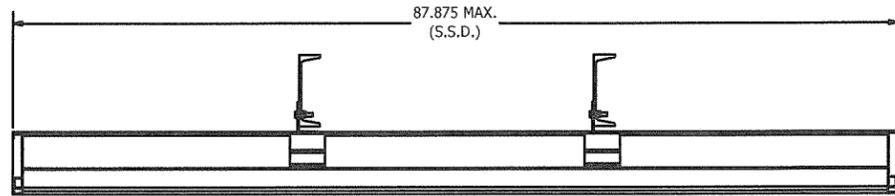
1. None.

F. STATEMENTS

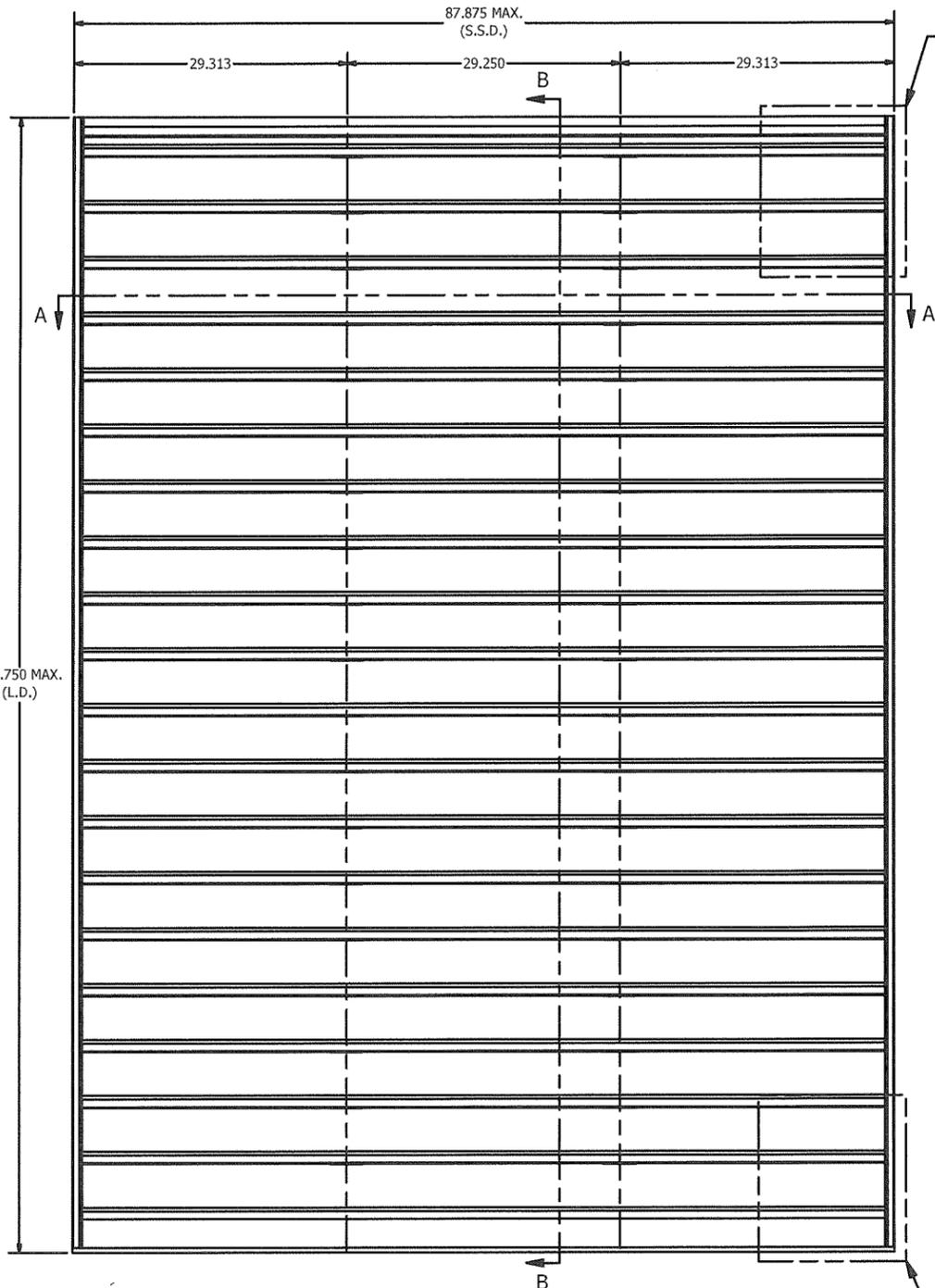
Statement letter of code conformance to 7th edition (2020) of the FBC, prepared by Ruskin Company, dated 09/25/2020, signed and sealed by Melissa M. Massar, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 20-1015.07
Expiration Date: July 9, 2026
Approval Date: April 15, 2021

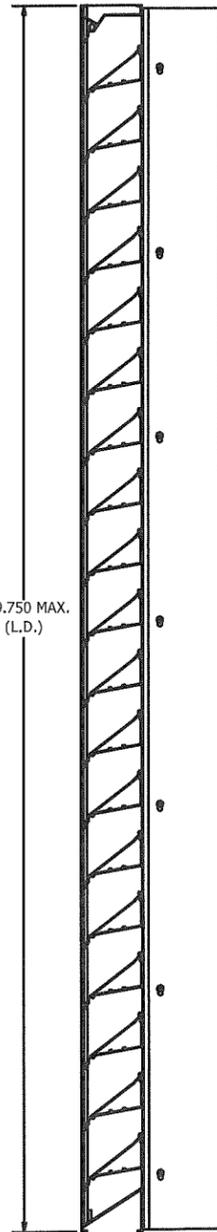


SECTION A-A



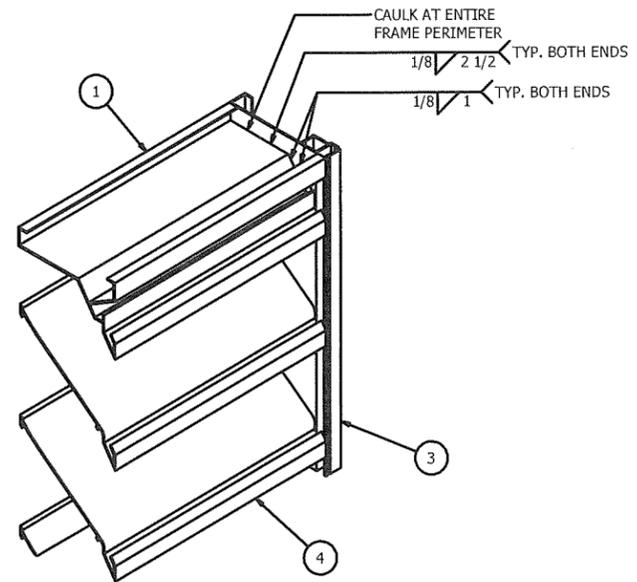
ASSEMBLY "A" - SINGLE SECTION VIEW
LOUVER SIZE - 87.875" W X 119 3/4" H

REF DETAIL A
FOR HEAD FRAME WELDMENT/SEALANT DETAIL

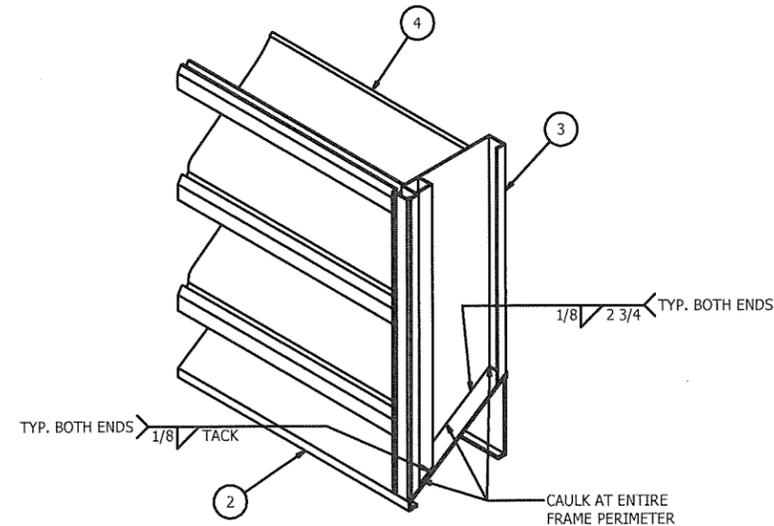


SECTION B-B

REF DETAIL B
FOR SILL FRAME WELDMENT/SEALANT DETAIL

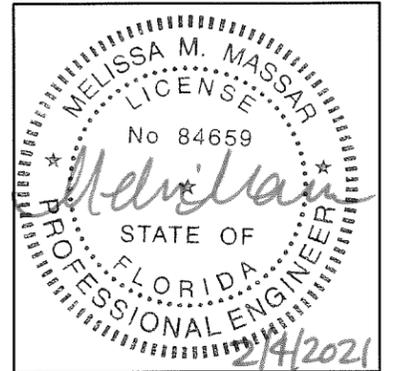


DETAIL A
HEAD FRAME WELDMENT & SEALANT DETAIL



DETAIL B
SILL FRAME WELDMENT & SEALANT DETAIL

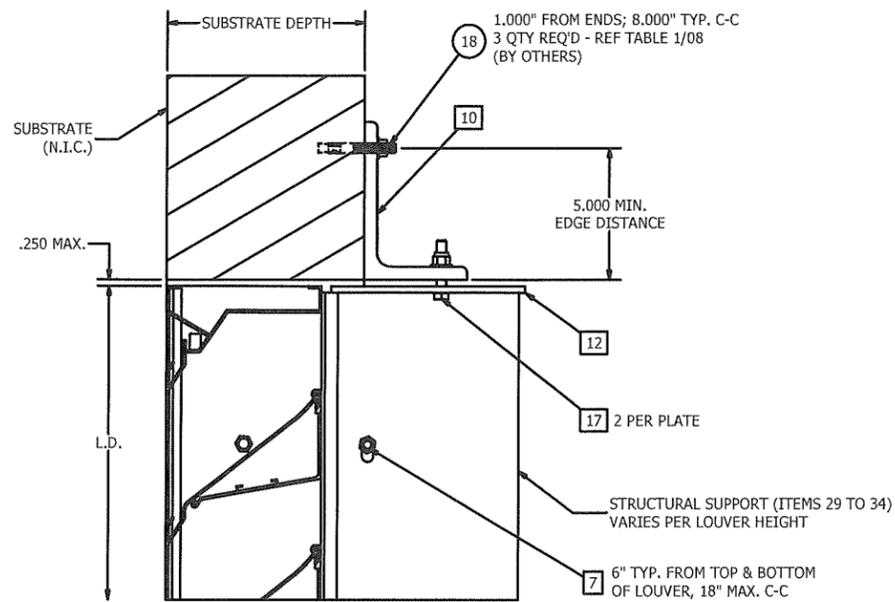
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1015.07
Expiration Date 07/09/2026
By *M. Massar*
Miami-Dade Product Control



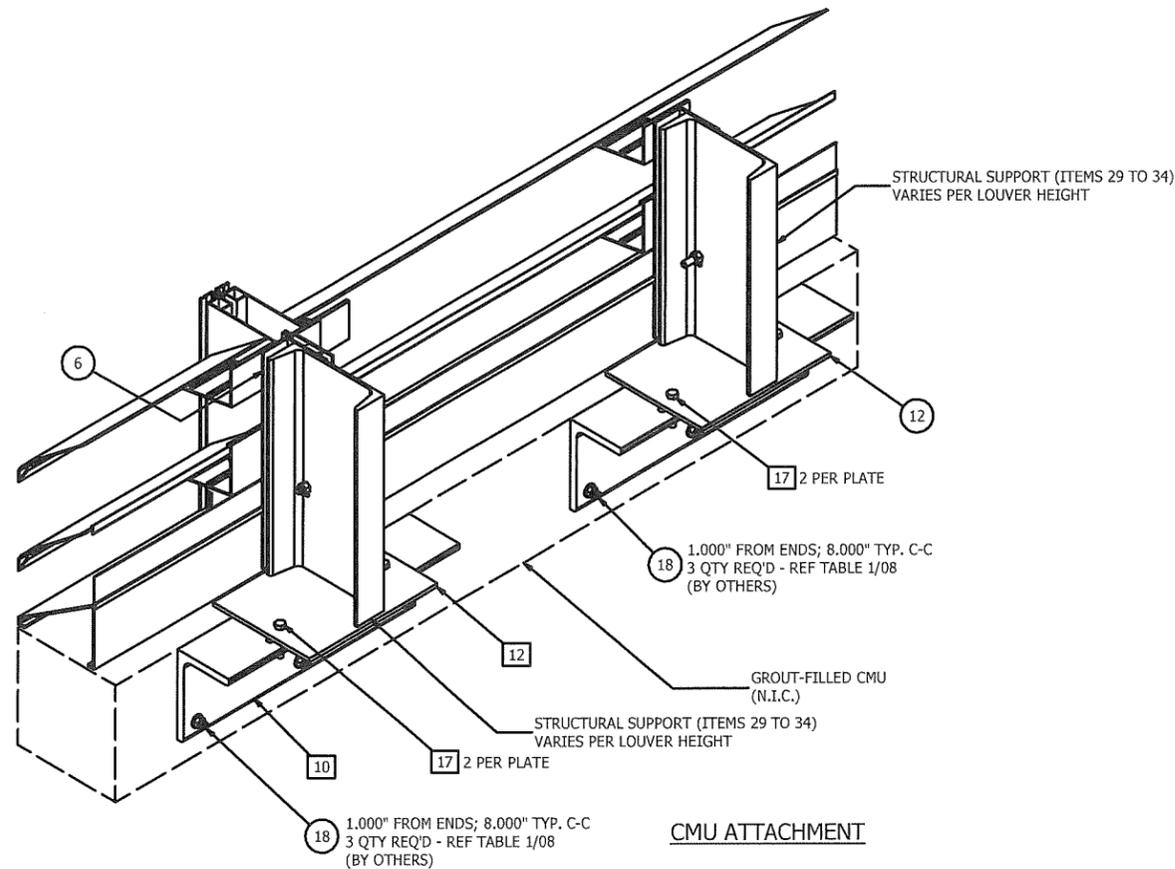
MELISSA M. MASSAR, P.E.
NO. 84659

C	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	JDS	WRT	MMM	09/25/20
B	REV'D ENGINEER OF RECORD & NOTES	CJD	SDL	MMM		10/23/17
REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012				
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
MATERIAL		PRODUCT 6375DC				
TITLE		ASSEMBLY "A" - BASIC ASSEMBLY & DETAILS				
SIZE	D	DWG NO	60-022283-00B		REV	C
SCALE	NONE	INVENTOR	SHEET 2 OF 12			

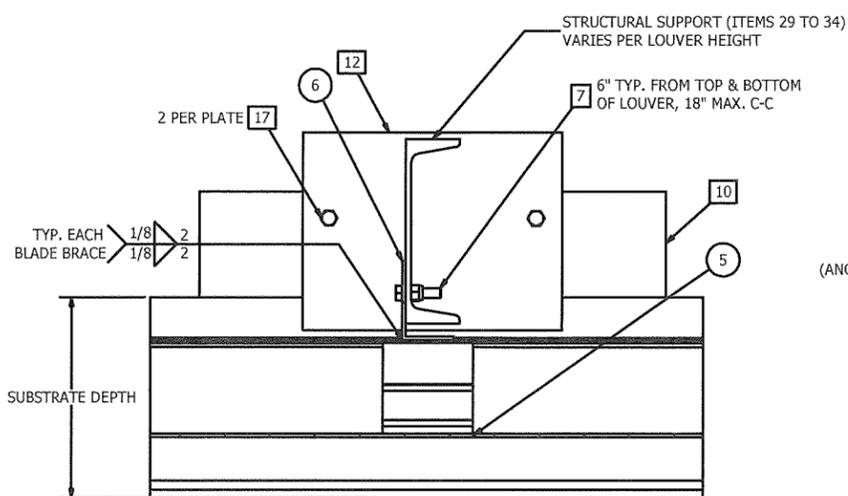
Tolerances
Unless Stated Otherwise
Use WIQ-007, WIQ-008
Fractions ±1/16
Two Decimals ±0.020
Three Decimals ±0.010
Angle Dimensions ±2'



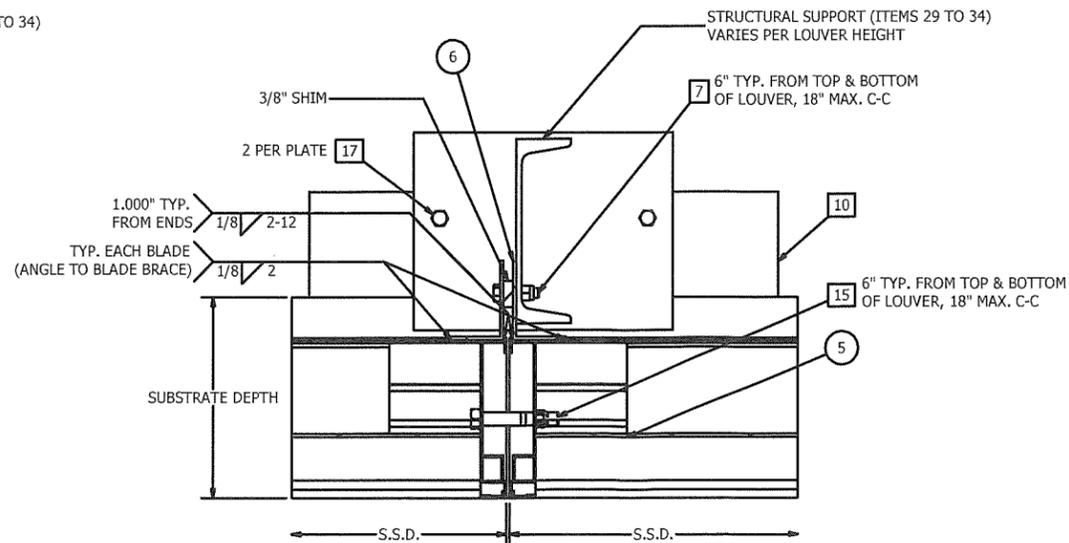
DETAIL F
SUPPORT ATTACHMENT PLATE INSTALLATION DETAIL @ HEAD (SILL SIM.)
(GROUT-FILLED CMU)



CMU ATTACHMENT



DETAIL G
SUPPORT ATTACHMENT PLATE INSTALLATION DETAIL @ HVBS
(GROUT-FILLED CMU)



DETAIL H
SUPPORT ATTACHMENT PLATE INSTALLATION DETAIL @ MULLIONS
(GROUT-FILLED CMU)

MELISSA M. MASSAR
LICENSE
No 84659
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

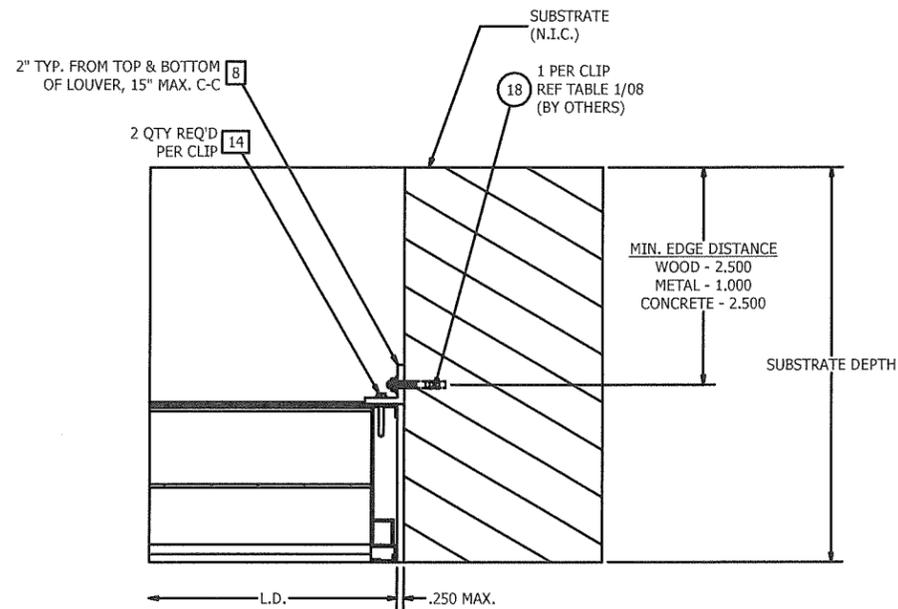
MELISSA M. MASSAR, P.E.
NO. 84659

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1015.07
Expiration Date 07/09/2026
By *[Signature]*
Miami-Dade Product Control

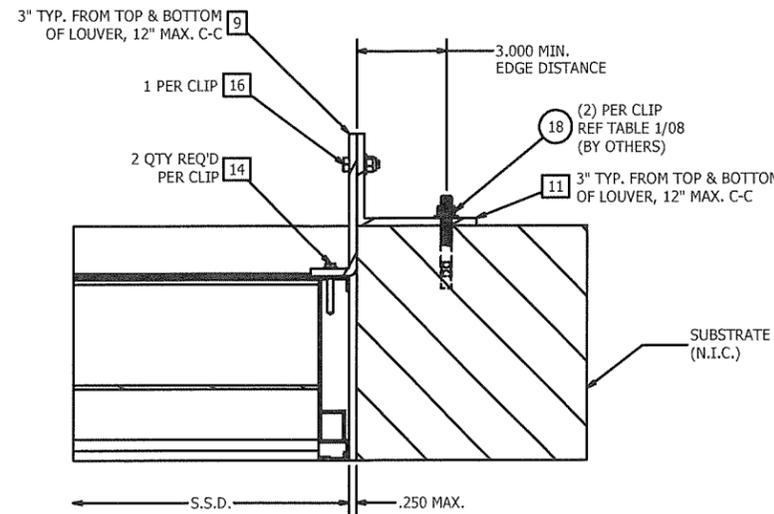
Tolerances
Unless Stated Otherwise
Use WIC-007, WIC-008

Fractions	±1/16
Two Decimals	±0.020
Three Decimals	±0.010
Angle Dimensions	±2'

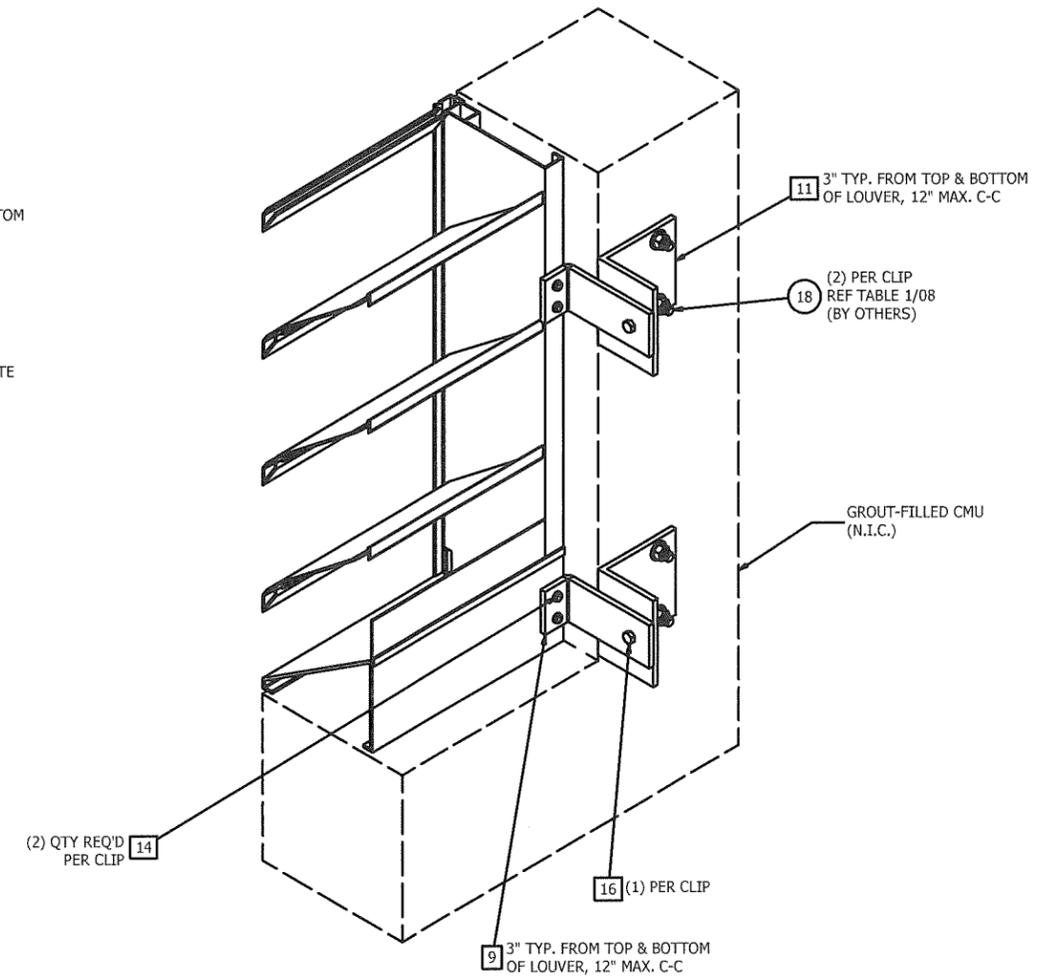
REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
C	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	JDS	WRT	MMM	09/25/20
B	REV'D ENGINEER OF RECORD & NOTES	CJD	SDL	MMM		10/23/17
AUTHOR	DJR	2/17/2012				
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
MATERIAL	<p>RELIABLE ARCHITECTURAL PRODUCTS LOUVERS • SCREEN WALLS • SUNSHADES 1300 Enterprise Road Geneva, Alabama 36340 PROPRIETARY AND CONFIDENTIAL</p>					
PRODUCT	6375DC					
TITLE	ASSEMBLY "A" - CMU INSTALL					
SIZE	D	DWS NO	60-022283-00B		REV	C
SCALE	NONE		INVENTOR	SHEET 5 OF 12		



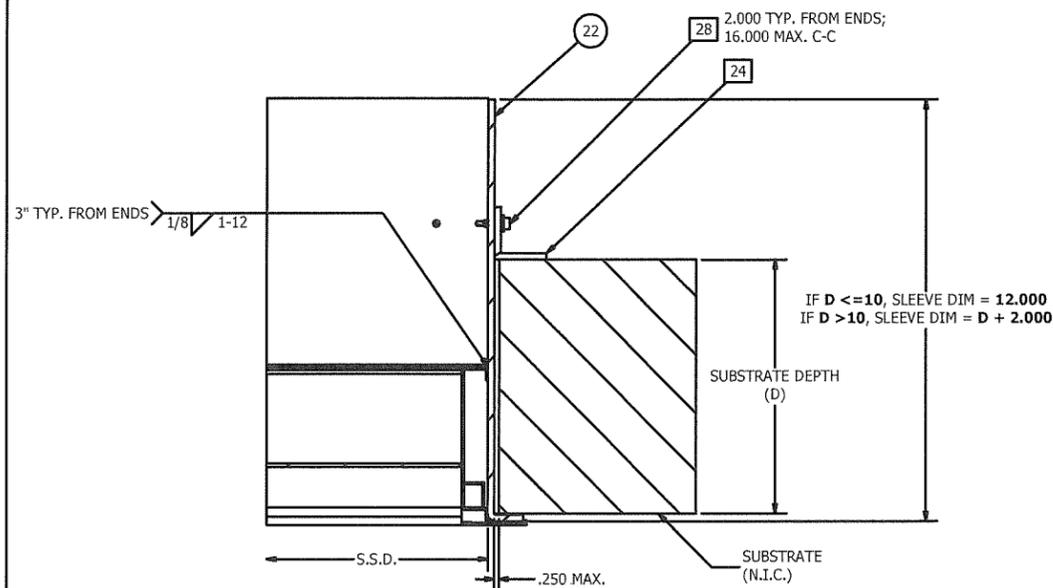
DETAIL N
ATTACHMENT CLIP ANGLE INSTALLATION @ JAMB FRAME
(WOOD, METAL & CONCRETE SUBSTRATE ONLY)



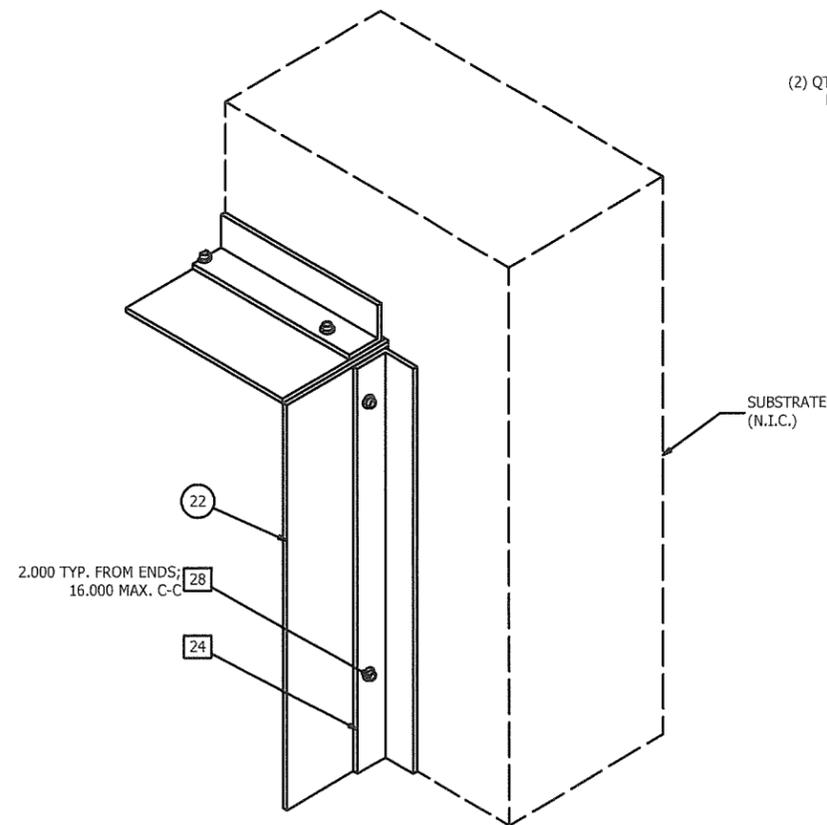
DETAIL P
ATTACHMENT CLIP ANGLE INSTALLATION @ JAMB FRAME
(GROUT-FILLED CMU)



CMU ATTACHMENT



DETAIL Q
UNIVERSAL SLEEVE WELDMENT/CONNECTION DETAIL
(JAMBS)



UNIVERSAL SLEEVE ATTACHMENT

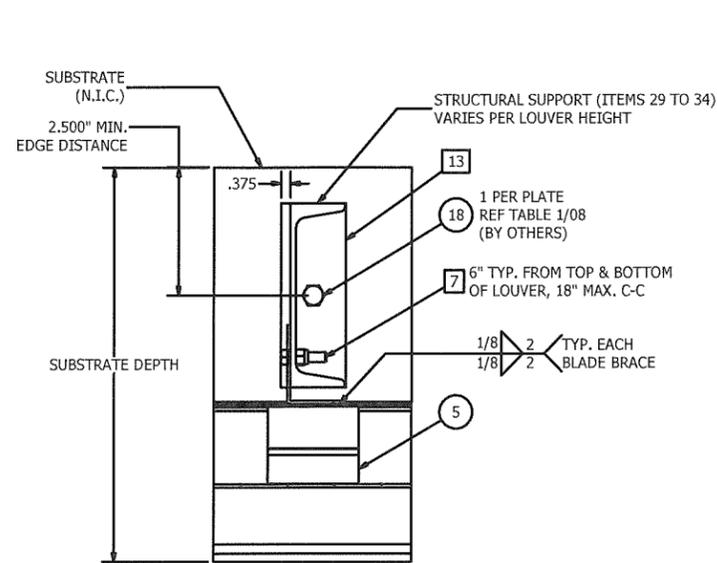
MELISSA M. MASSAR
LICENSE
No 84659
Melissa M. Massar
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
2/4/2021

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1015.07
Expiration Date 07/09/2026
By *[Signature]*
Miami-Dade Product Control

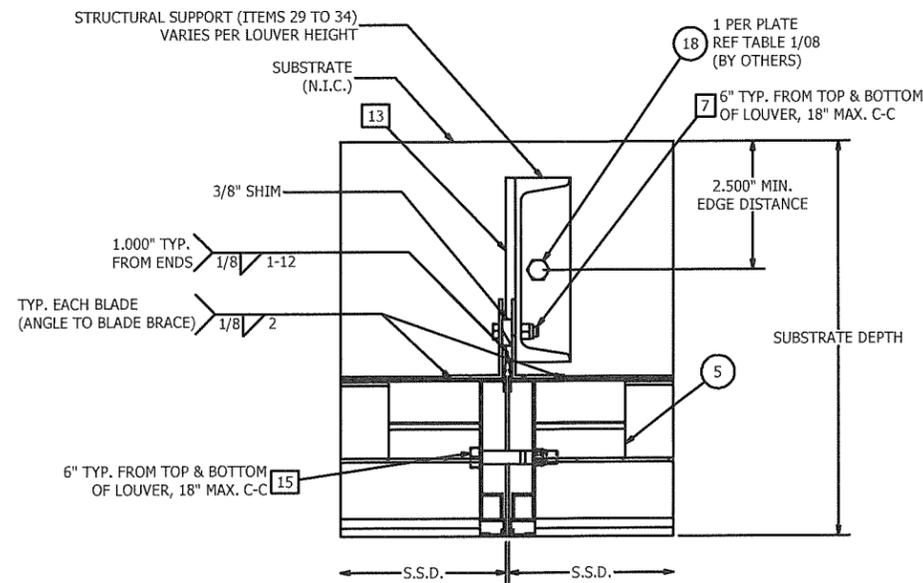
MELISSA M. MASSAR, P.E.
NO. 84659

C	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	JDS	WRT	MMM	09/25/20
B	REV'D ENGINEER OF RECORD & NOTES	CJD	SDL	MMM		10/23/17
REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012				
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
PRODUCT	6375DC					
MATERIAL	BASIC INSTALLATION DETAILS @ JAMB FRAME					
SIZE	D	60-022283-00B	REV	C		
SCALE	NONE					
INVENTOR	SHEET 7 OF 12					

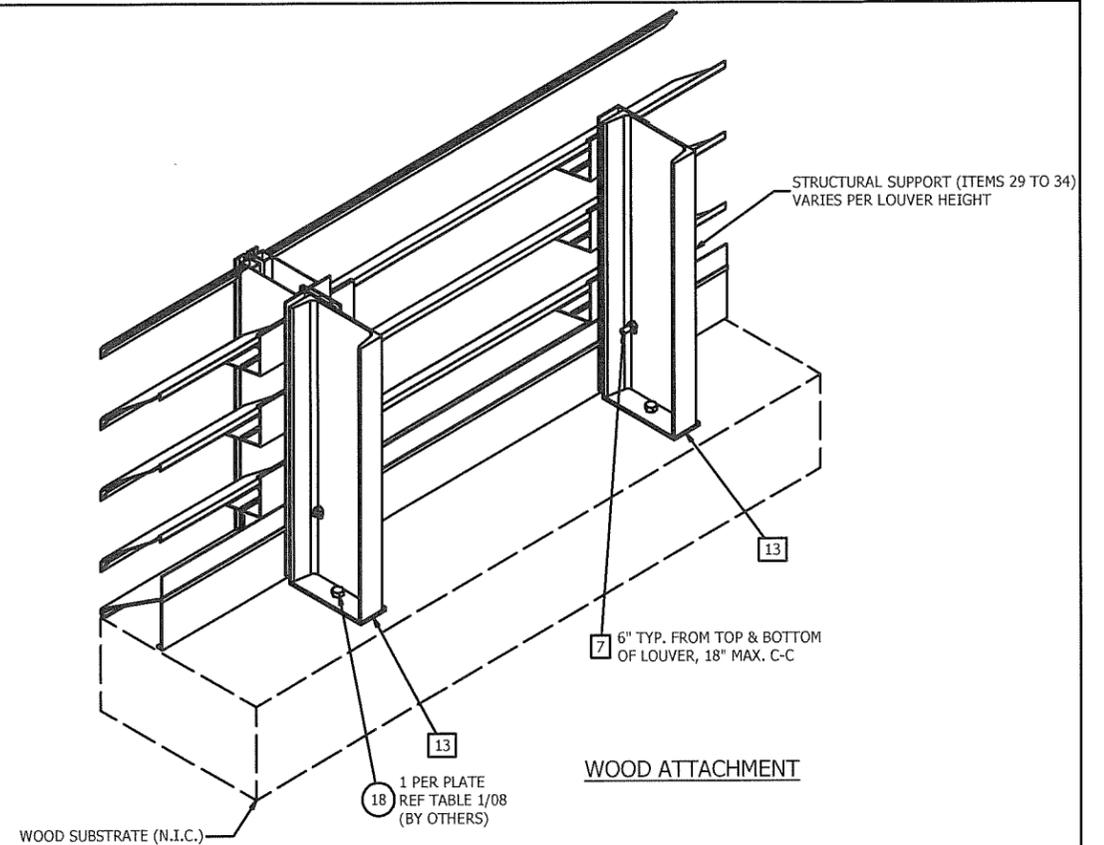
Tolerances
Unless Stated Otherwise
Use WIC-007, WIC-008
Fractions ±1/16
Two Decimals ±0.020
Three Decimals ±0.010
Angle Dimensions ±2°



DETAIL R
SUPPORT ATTACHMENT PLATE INSTALLATION DETAIL @ HVBS
(WOOD SUBSTRATE ONLY)



DETAIL S
SUPPORT ATTACHMENT PLATE INSTALLATION DETAIL @ MULLIONS
(WOOD SUBSTRATE ONLY)



WOOD ATTACHMENT

TABLE 01 - 6375DC - WALL FASTENER TABLE (N.I.C.)

SUBSTRATE TYPE	MIN. SUBSTRATE REQUIREMENTS	LOCATION	FASTENER TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD	SPECIFIC GRAVITY = 0.4	JAMB	1/4" Ø BOLT, WASHER & LOCKNUT	NA	2 1/2"
		END PLATE	1/2" Ø A307 BOLT, WASHER & LOCKNUT	NA	2 1/2"
STEEL & ALUMINUM	STEEL - MIN. 14 GA ALUM. - MIN. 1/8" THICK	JAMB	1/4" Ø A307 BOLT OR TEK SCREW	NA	1"
		END PLATE	3/8" Ø A307 BOLT, LOCKNUT & WASHER	NA	1"
CONCRETE	3000 MIN. COMPRESSIVE STRENGTH	JAMB	1/4" Ø X 2 1/4" HILTI KWIK CON II+ W WASHER	1 3/4"	2 1/2"
		END PLATE	3/8" Ø HILTI KWIK BOLT TZ EXPANSION ANCHORS	2 1/2"	7 1/2"
GROUT FILLED CMU	ASTM C-90 BLOCK, 1500 PSI GROUT COMP. STRENGTH.	JAMB	1/4" Ø X 1 1/4" HILTI KWIK CON II+ (2) PER CLIP	1"	3"
		END PLATE	3/8" Ø HILTI KWIK BOLT III EXPANSION ANCHORS	2 1/2"	5"

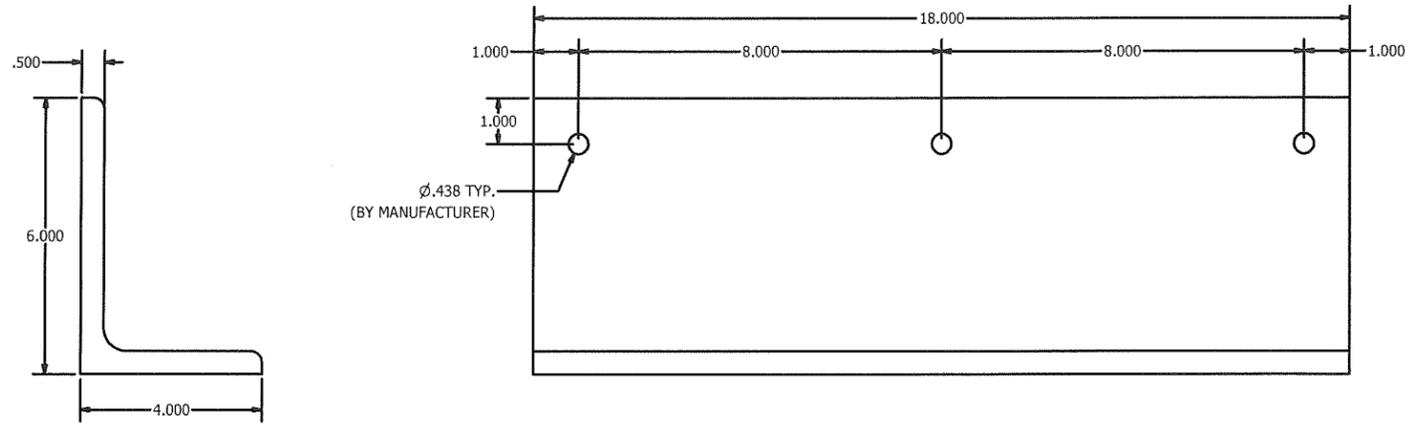
MELISSA M. MASSAR
LICENSE
No 84659
Melissa M. Massar
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
3/14/2021

PRODUCT REVISED
as complying with the Florida
Building Code
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Expiration Date 07/09/2026
By *R. P. ...*
Miami-Dade Product Control

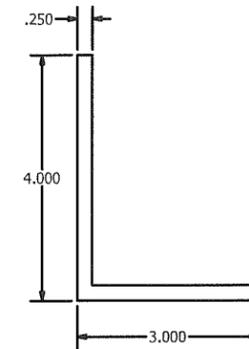
MELISSA M. MASSAR, P.E.
NO. 84659

C	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	JDS	WRT	MMM	09/25/20
B	REV'D ENGINEER OF RECORD & NOTES	CJD	SDL	MMM		10/23/17
REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012				
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
MATERIAL						
TITLE	ASSEMBLY "A" (WOOD INSTALL), WALL FASTENER TABLE					
SIZE		DWG NO	60-022283-00B			REV
D						C
SCALE	NONE	INVENTOR	SHEET 8 OF 12			

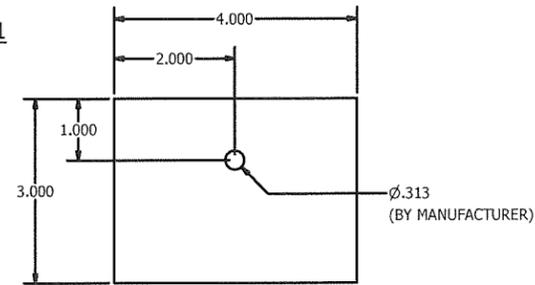
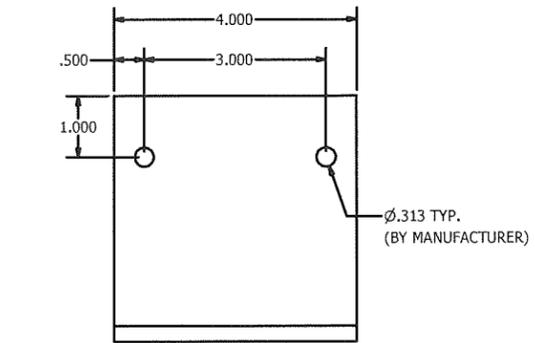
Tolerances
Unless Stated Otherwise
Use WIQ-007, WIQ-008
Fractions ±1/16
Two Decimals ±0.020
Three Decimals ±0.010
Angle Dimensions ±2°



STRUCTURAL ATTACHMENT ANGLE, 18" LG. ITEM #10
 RELIABLE #85-022234-00B
 (6, 8, 10 & 12 IN GROUT-FILLED CMU)



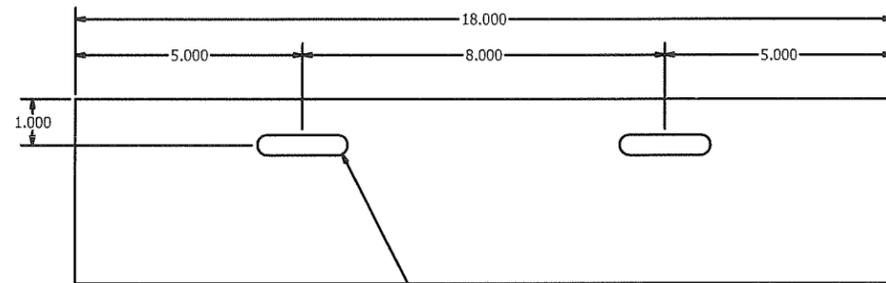
ATTACHMENT ANGLE (CMU) ITEM #11
 RELIABLE #85-022130-00B
 (6, 8, 10 & 12 IN GROUT-FILLED CMU)



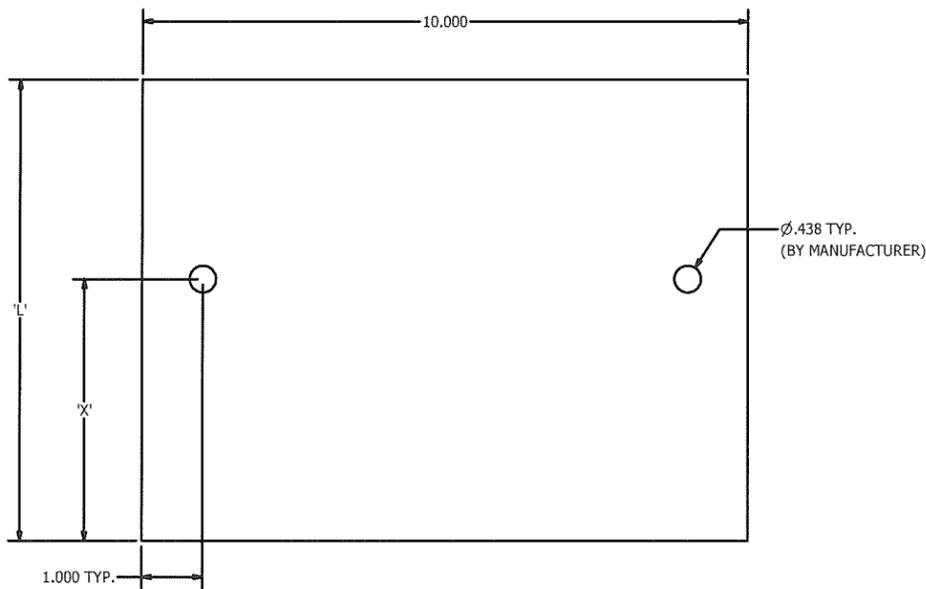
PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. 20-1015.07
 Expiration Date 07/09/2026
 By *[Signature]*
 Miami-Dade Product Control



MELISSA M. MASSAR, P.E.
 NO. 84659

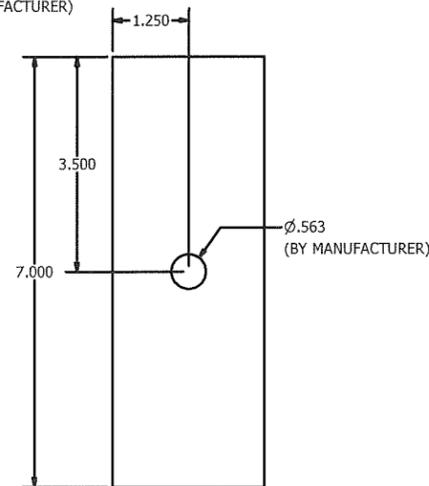


0.438 X 2.000 LG. SLOT
 (BY MANUFACTURER)

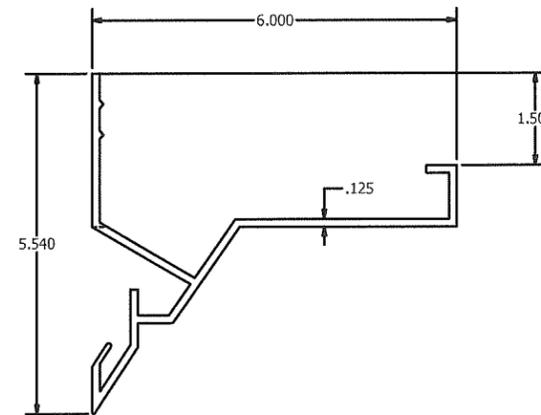


SUPPORT ATTACHMENT PLATE ITEM #12
 RELIABLE #85-022233-00B
 (METAL/CONCRETE/GROUT-FILLED CMU)

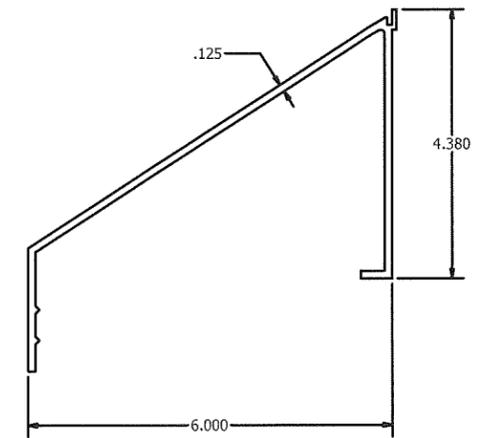
SUPPORT ATTACHMENT PLATE DIMENSION TABLE		
WALL TYPE	'L'	'X'
METAL/CONCRETE	7.500	2.750
6" CMU	7.500	2.250
8" CMU	7.500	4.250
10" CMU	7.500	6.250
12" CMU	9.500	8.250



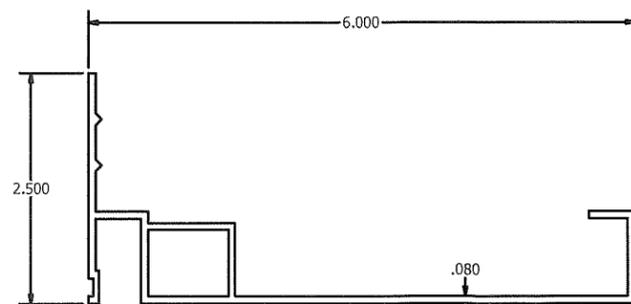
SUPPORT ATTACHMENT PLATE WOOD ITEM #13
 RELIABLE #85-023077-00B



HEAD FRAME W/INTEGRAL FLANGE ITEM #19
 RELIABLE #70-020838-00B



SILL FRAME W/INTEGRAL FLANGE ITEM #20
 RELIABLE #70-021129-00B

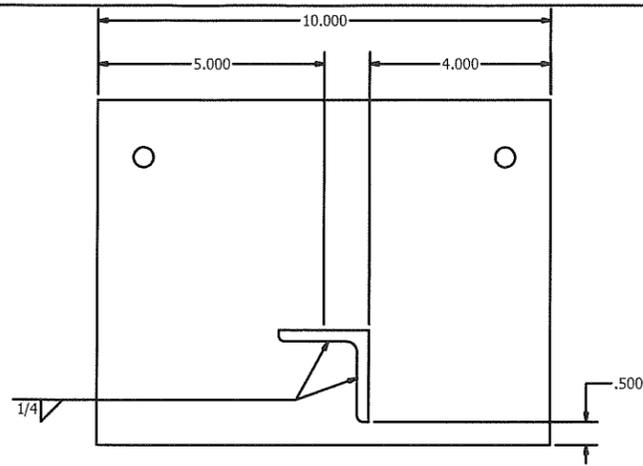


JAMB FRAME W/INTEGRAL FLANGE ITEM #21
 RELIABLE #70-020470-00B

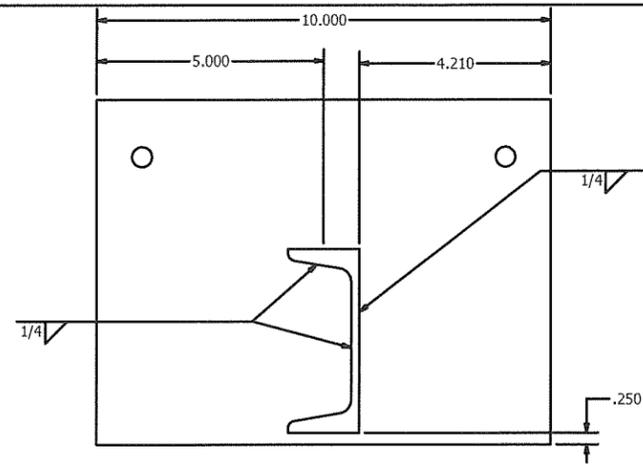
Tolerances
 Unless Stated Otherwise
 Use WIQ-007, WIQ-008
 Fractions ±1/16
 Two Decimals ±0.020
 Three Decimals ±0.010
 Angle Dimensions ±2°

REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
C	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	JDS	WRT	MMM	09/25/20
B	REV'D ENGINEER OF RECORD & NOTES	CJD	SDL	MMM		10/23/17
AUTHOR	DJR	2/17/2012				
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
MATERIAL						
PRODUCT	6375DC					
TITLE	6375DC - PARTS					
SIZE		DWG NO	60-022283-00B		REV	C
D						
SCALE	NONE		INVENTOR	SHEET 10 of 12		

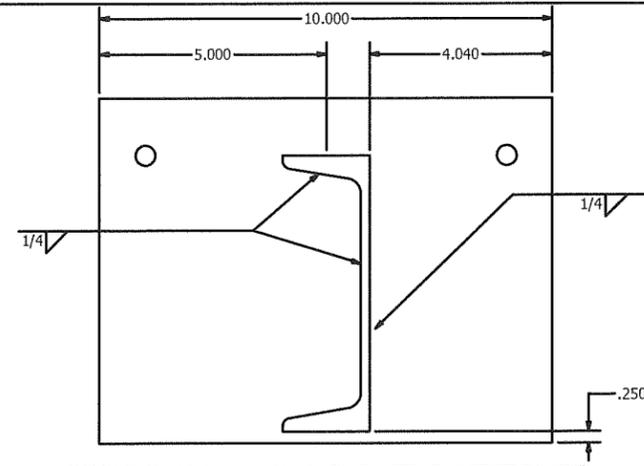




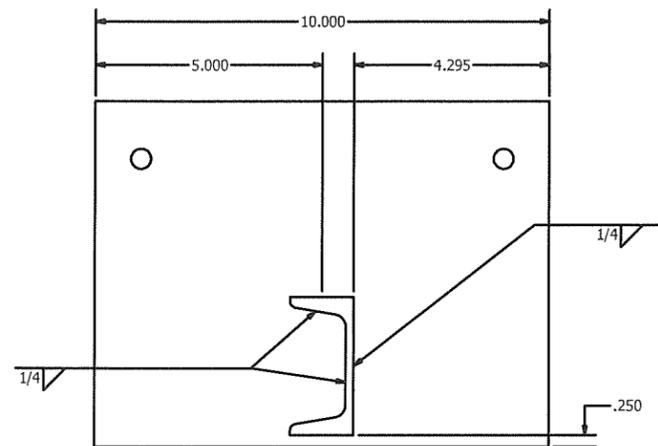
2X2X1/4 ANGLE W SUPPORT ATTACHMENT PLATE



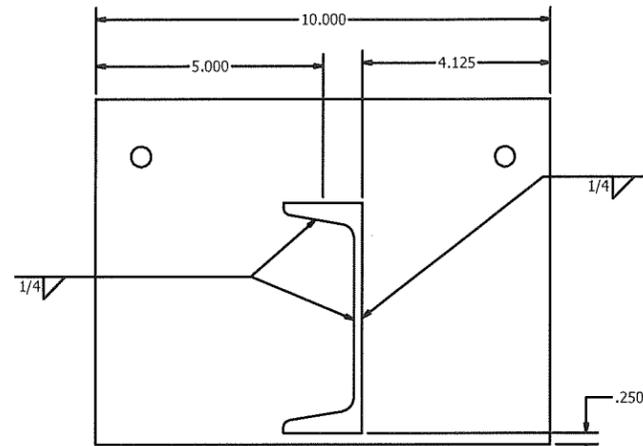
C4X5.4 CHANNEL W SUPPORT ATTACHMENT PLATE



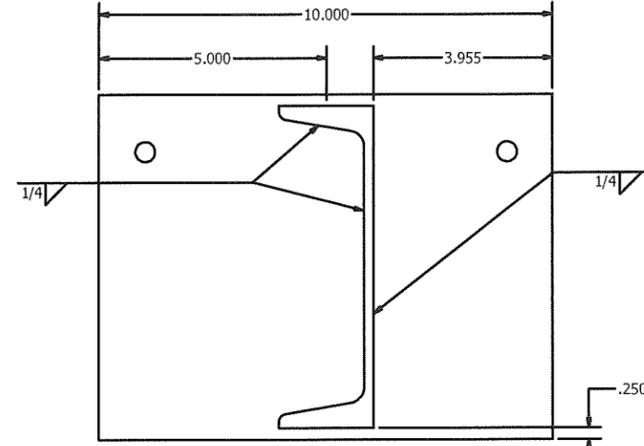
C6X8.2 CHANNEL W SUPPORT ATTACHMENT PLATE



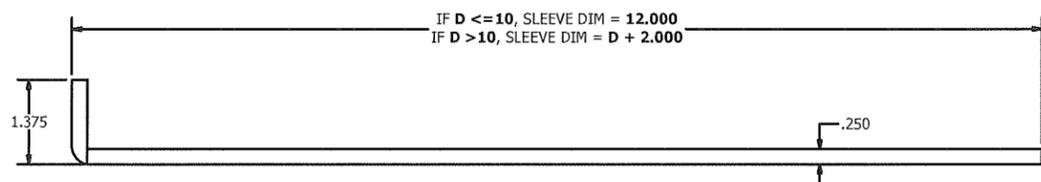
C3X4.1 CHANNEL W SUPPORT ATTACHMENT PLATE



C5X6.7 CHANNEL W SUPPORT ATTACHMENT PLATE



C7X9.8 CHANNEL W SUPPORT ATTACHMENT PLATE



FRONT FLANGE UNIVERSAL SLEEVE ITEM #22

MELISSA M. MASSAR, P.E.
NO. 84659

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-1015.07
Expiration Date 07/09/2026
By [Signature]
Miami-Dade Product Control

C	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	JDS	WRT	MMM	09/25/20
B	REV'D ENGINEER OF RECORD & NOTES	CJD	SDL	MMM		10/23/17
REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012				
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
MATERIAL						
PRODUCT	6375DC					
TITLE	6375DC - PARTS					
SIZE		DWG NO	60-022283-00B		REV	C
D						
SCALE	NONE					
INVENTOR	SHEET 11 of 12					

Tolerances
Unless Stated Otherwise
Use WIQ-007, WIQ-008
Fractions ±1/16
Two Decimals ±0.020
Three Decimals ±0.010
Angle Dimensions ±2'

