



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

## NOTICE OF ACCEPTANCE (NOA)

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](http://www.miamidade.gov/economy)

**Reliable Products a div. of Ruskin Company**  
**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 29 of 29, dated 03/23/2012, with revision D dated 08/14/2024, prepared by the Reliable Products a div. of Ruskin Company, signed and sealed by Jeffrey D. Smith, P.E., 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 **revises NOA # 20-1015.07** and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

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



09/09/24

NOA No. 23-1116.18  
Expiration Date: July 9, 2026  
Approval Date: September 19, 2024  
Page 1

**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.
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 # 15-0923.04”
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 # 12-0601.22”
4. ELF6375DXD louver wind load review, prepared by the manufacturer, dated 08/06/2010, signed and sealed by Daniel J. Rau, P.E. “Submitted under NOA # 11-0408.06”

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. None.



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**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No. 23-1116.18**  
**Expiration Date: July 9, 2026**  
**Approval Date: September 19, 2024**

**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 5<sup>th</sup> 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 6<sup>th</sup> 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.



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**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No. 23-1116.18**  
**Expiration Date: July 9, 2026**  
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**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. EVIDENCE SUBMITTED UNDER NOA # 20-1015.06 AND # 20-1015.07**

**A. DRAWINGS “Submitted under NOA # 20-1015.07”**

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 “Submitted under NOA # 20-1015.07”**

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



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**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No. 23-1116.18**  
**Expiration Date: July 9, 2026**  
**Approval Date: September 19, 2024**



**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**4. EVIDENCE SUBMITTED UNDER NOA # 24-0605.04 AND NEW**

**A. DRAWINGS**

1. Drawing No. **60-022283-00B**, titled “6375DC Test and Approval Drawings”, sheets 1 through 29 of 29, dated 03/23/2012, with revision D dated 08/14/2024, prepared by the Reliable Products a div. of Ruskin Company, signed and sealed by Jeffrey D. Smith, P.E.

**B. TESTS**

1. None.

**C. CALCULATIONS “Submitted under NOA # 24-0605.04”**

1. Louver wind load review prepared by Ruskin Company, dated 05/08/2024, 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**

1. Statement letter of code conformance to the 8<sup>th</sup> edition (2023) of the FBC, issued by Reliable Products a div. of Ruskin Company, dated 08/21/2024, signed and sealed by Jeffrey D. Smith, P.E.
2. Statement letter of no financial interest, issued by Reliable Products a div. of Ruskin Company, dated 08/21/2024, signed and sealed by Jeffrey D. Smith, P.E.



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Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 23-1116.18  
Expiration Date: July 9, 2026  
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TABLE 01 - PARTS LIST FOR 100PSF JAMB ONLY ATTACHMENT			
ITEM #	DESCRIPTION	MATERIAL	ALLOY
1	HEAD FRAME - JAMB ONLY	0.125" THK. EXTRUDED ALUM.	6063-T6
2	SILL FRAME - JAMB ONLY	0.125" THK. EXTRUDED ALUM.	6063-T6
3	JAMB FRAME	0.080" THK. EXTRUDED ALUM.	6063-T6
4	DRAINABLE BLADE	0.080" THK. EXTRUDED ALUM.	6063-T6
5	BLADE BRACE	0.100" THK. EXTRUDED ALUM.	6063-T6
6	OFFSET TEE SUPPORT FOR BLADE	0.125" THK EXTRUDED ALUM.	6063-T6
7	1/4-20 X 3/4" HHB WITH WASHER AND LOCKNUT	3005	-
8	SCREW #10-16 X 1" LG HWH TEK3	PLTD STL	

TABLE 03 - MULTI-SECTION CONNECTION PARTS			
ITEM #	DESCRIPTION	MATERIAL	ALLOY
9	MULLION ATTACHMENT ANGLE	0.125" THK EXTRUDED ALUM.	6063-T6
10	2" SPLICE PLATE	EXTRUDED ALUM.	6063-T6
11	FSNR KIT 3/8-16X3"LG W LOCKNUT	ZINC PLATED	-

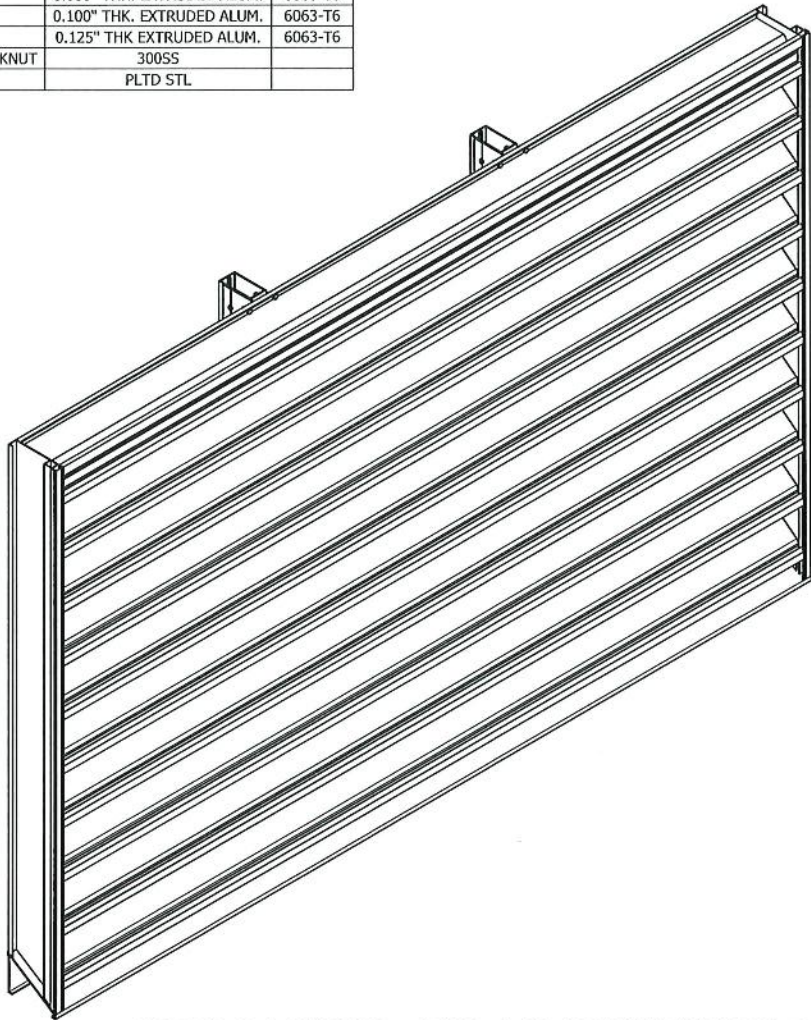
TABLE 04 - INSTALLATION PARTS (SHIP LOOSE) - 100 PSF WINDLOAD			
ITEM #	DESCRIPTION	MATERIAL	ALLOY
12	ATTACHMENT CLIP ANGLE, 2" LG.	0.250" THK EXTRUDED ALUM.	6063-T6
13	CONT. FORMED ANGLE - JAMBS	0.250" THK FORMED ALUM.	3003-H14
14	CONT. ATTACHMENT ANGLE - JAMBS	0.250" THK EXTRUDED ALUM.	6063-T6
15	ALTERNATE ATTACHMENT CLIP ANGLE, 6" LG.	0.250" THK EXTRUDED ALUM.	6063-T6
16	CLIP ANGLE - FORMED (CMU), 6" LG	0.250" THK FORMED ALUM.	3003-H14
17	STRUCTURAL ATTACHMENT ANGLE, 15" LG.	.375" EXTRUDED ALUM.	6063-T6
18	CLIP ANGLE - FORMED, 2" LG	0.250" THK FORMED ALUM.	3003-H14
19	ATTACHMENT ANGLE (CMU), 4" LG.	0.250" THK EXTRUDED ALUM.	6063-T6
20	REVERSE CLIP ANGLE - JAMBS	0.250" THK EXTRUDED ALUM.	6063-T6
21	REVERSE CLIP ANGLE - HEAD/SILL	0.250" THK EXTRUDED ALUM.	6063-T6
22	#10 - 16 x 1" LG TEK SCREW	410SS/ZC	-
23	SCREW #10-16 X 1.500" LG. HWH SDS	410SS/ZINC COATED	-
24	SCREW 1/4-20 X 1.000" LG. HWH SDS	410SS/ZINC COATED	-
25	FSNR KIT 1/4-20X1.5"LG W LOCKNUT	ZINC PLATED	-
26	FSNR KIT 3/8-16X2"LG W LOCKNUT	ZINC PLATED	-
27	SUBSTRATE FASTENER (BY OTHERS)	REFER TABLES 08/05 & 09/10	

TABLE 05 - UNIVERSAL SLEEVE PARTS			
ITEM #	DESCRIPTION	MATERIAL	ALLOY
28	HEAD FRAME W/INTEGRAL FLANGE	0.125" THK. EXTRUDED ALUM.	6063-T6
29	SILL FRAME W/INTEGRAL FLANGE	0.125" THK. EXTRUDED ALUM.	6063-T6
30	JAMB FRAME W/INTEGRAL FLANGE	0.080" THK. EXTRUDED ALUM.	6063-T6
31	FRONT FLANGE UNIVERSAL SLEEVE	0.250" THK FORMED ALUM.	3003-H14
32	CONT. RETAINING ANGLE - 8" SPACING	0.250" THK EXTRUDED ALUM.	6063-T6
33	CONT. RETAINING ANGLE - 18" SPACING	0.250" THK EXTRUDED ALUM.	6063-T6
34	CONT. RETAINING ANGLE - 24" SPACING	0.250" THK EXTRUDED ALUM.	6063-T6
35	US SUPPORT ATTACHMENT ANGLE, 5" LG.	0.250" THK EXTRUDED ALUM.	6063-T6
36	FSNR KIT 1/2-13X3.5"LG W LOCKNUT	ZINC PLATED A307	-
37	SCREW 1/4-20 X 1.000" LG. HWH SDS	410SS/ZINC COATED A307	-

TABLE 06 - H.V.B.S. SUPPORTS OPTIONS BASED ON SECTION HEIGHT - JAMB ONLY ATTACHMENT				
ITEM #	DESCRIPTION	LOUVER HEIGHT RANGE	MATERIAL	ALLOY
38	3" HVBS DOUBLE FLANGED	UP TO 34" TALL	EXT. ALUMINIUM	6063-T6
39	6" HVBS DOUBLE FLANGED	GREATER THAN 34" TO 49"	EXT. ALUMINIUM	6063-T6
40	6" HVBS I SHAPE	GREATER THAN 49" TO 60"	EXT. ALUMINIUM	6063-T6

TABLE 07 - H.V.B.S./ MULLION SUPPORTS OPTIONS BASED ON SECTION HEIGHT - PERIMETER ATTACHMENT				
ITEM #	DESCRIPTION	LOUVER HEIGHT RANGE	MATERIAL	ALLOY
38	3" HVBS DOUBLE FLANGED	UP TO 34" TALL	EXT. ALUMINIUM	6063-T6
39	6" HVBS DOUBLE FLANGED	GREATER THAN 34" TO 49"	EXT. ALUMINIUM	6063-T6
40	6" HVBS I SHAPE	GREATER THAN 49" TO 65"	EXT. ALUMINIUM	6063-T6
41	2" X 4" X 1/8" THICK TUBE SUPPORT	GREATER THAN 65" TO 72"	EXT. ALUMINIUM	6063-T6
42	2" X 6" X 1/8" THICK TUBE SUPPORT	GREATER THAN 72" TO 90"	EXT. ALUMINIUM	6063-T6

TABLE 02 - PARTS LIST FOR 100PSF PERIMETER ATTACHMENT			
ITEM	DESCRIPTION	MATERIAL	ALLOY
1	HEAD FRAME	0.080" THK. EXTRUDED ALUM.	6063-T6
2	SILL FRAME	0.125" THK. EXTRUDED ALUM.	6063-T6
3	JAMB FRAME	0.080" THK. EXTRUDED ALUM.	6063-T6
4	DRAINABLE BLADE	0.080" THK. EXTRUDED ALUM.	6063-T6
5	BLADE BRACE	0.100" THK. EXTRUDED ALUM.	6063-T6
6	OFFSET TEE SUPPORT FOR BLADE	0.125" THK EXTRUDED ALUM.	6063-T6
7	1/4-20 X 3/4" HHB WITH WASHER AND LOCKNUT	3005S	
8	SCREW #10-16 X 1" LG HWH TEK3	PLTD STL	



6375DC LOUVER - FOR 100 PSF WINDLOAD

NOTES

- LOUVER SYSTEM WITH 100 PSF WINDLOAD HAS TWO TYPES OF ASSEMBLIES AS PER INSTALLATION METHOD - **JAMB ONLY ATTACHMENT & PERIMETER ATTACHMENT.**
- THIS LOUVER SYSTEM IS APPROVED FOR JAMB ONLY ATTACHMENT AND APPLICATION WITH DESIGN PRESSURE +/-**100PSF**, MAXIMUM SINGLE SECTION SIZE IS **96"WIDE X 60" HIGH, 96" WIDE X UNLIMITED HIGH**
- ALTERNATE ATTACHMENT** USED IN **DETAIL B/03** IS NOT THE RESPONSIBILITY OF RELIABLE AND HAVE TO BE DESIGNED AND SPECIFIED BY ENGINEER OF RECORD.
- THIS LOUVER SYSTEM IS NON-BEARING AND IS NOT DESIGNED TO WITHSTAND BUILDING DEAD LOADS.
- IT SHALL BE RESPONSIBILITY OF PERMIT HOLDER/BUILDING DESIGN ENGINEER OF RECORD TO VERIFY THE STRUCTURAL INTEGRITY OF THE STRUCTURE TO SUPPORT THE LOADS IMPOSED BY THIS LOUVER SYSTEM.
- MAXIMUM SINGLE SECTION SIZE IS **120" WIDE X 90" HIGH.**
- MAXIMUM ASSEMBLED LOUVER SIZE : **UNLIMITED WIDTH X 90" HEIGHT OR 96" WIDTH X UNLIMITED HEIGHT.**
- ASSEMBLIES MAY BE STACKED VERTICALLY PROVIDED A SUITABLE STRUCTURAL SUPPORT IS DESIGNED AND INSTALLED BY OTHERS TO SUPPORT ALL LOADS TRANSFERRED FROM THE LOUVER.
- THIS LOUVER SYSTEM IS TO BE INSTALLED IN LOCATIONS WHERE THE ROOM BEHIND THE LOUVER IS DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM AND THE ROOM WILL HOUSE WATER RESISTANT / WATER PROOF EQUIPMENT, COMPONENTS OR SUPPLIES.
- ALL CMU BLOCKS MUST BE GROUT FILLED. MIN. PRISM STRENGTH OF 1500 PSI AT TIME OF INSTALLATION. CMU BLOCKS MUST BE MIN. TYPE 1, GRADE N, LIGHT, MEDIUM OR NORMAL WEIGHT PER ASTM C90. GROUT AND MORTAR MUST COMPLY WITH FLORIDA BUILDING CODE.
- PART NUMBERS WITH SQUARE BALLOONS ARE "**SHIP LOOSE PARTS**".
- ALL FASTENERS SHALL BE CORROSION RESISTANT.

**DRAWING SHEET INDEX:**  
SHEET 01 - NOTES, PARTS LIST, DRAWING INDEX, ISO VIEW - 100 PSF  
SHEET 02 - ASSEMBLY "A" - BASIC ASSEMBLY & DETAILS - 100PSF (JAMB ONLY ATTACHMENT)  
SHEET 03 - ASSEMBLY "A" - MULTI SECTION ASSEMBLY - 100PSF (JAMB ONLY ATTACHMENT)  
SHEET 04 - ASSEMBLY "A" - INSTALLATION DETAILS  
SHEET 05 - ASSEMBLY "A" - UNIVERSAL SLEEVE INSTALL & WALL FASTENER TABLE  
SHEET 06 - ASSEMBLY "B" - BASIC ASSEMBLY - 100 PSF (PERIMETER ATTACHMENT)  
SHEET 07 - ASSEMBLY "B" - MULTI SECTION ASSEMBLY & DETAILS - 100 PSF (PERIMETER ATTACHMENT)  
SHEET 08 - ASSEMBLY "B" - CMU/NON CMU INSTALL  
SHEET 09 - ASSEMBLY "B" - UNIVERSAL SLEEVE INSTALL  
SHEET 10 - ASSEMBLY "B" - UNIVERSAL SLEEVE, ALTERNATE CLIP INSTALL & WALL FASTENER TABLE  
SHEET 11 - PARTS  
SHEET 12 - PARTS  
SHEET 13 - PARTS  
SHEET 14 - PARTS & WALL FASTENER TABLE  
SHEET 15 - NOTES, PARTS LIST, ISO VIEW - 150 PSF  
SHEET 16 - ASSEMBLY "C" - SINGLE SECTION ASSEMBLY - 150PSF  
SHEET 17 - ASSEMBLY "C" - MULTI SECTION ASSEMBLY - 150PSF  
SHEET 18 - STANDARD LOUVER BUILD DETAILS  
SHEET 19 - ASSEMBLY "C" - STANDARD INSTALLATION DETAILS  
SHEET 20 - ASSEMBLY "C" - ALTERNATE INSTALLATION DETAILS - REVERSED  
SHEET 21 - ASSEMBLY "C" - ALTERNATE INSTALLATION DETAILS (>6" CMU)  
SHEET 22 - ASSEMBLY "C" - ALTERNATE INSTALLATION DETAILS (6" CMU)  
SHEET 23 - WALL FASTENER TABLE  
SHEET 24 - UNIVERSAL SLEEVE ASSEMBLY  
SHEET 25 - UNIVERSAL SLEEVE INSTALLATION DETAILS  
SHEET 26 - PARTS  
SHEET 27 - PARTS  
SHEET 28 - PARTS  
SHEET 29 - PARTS



**PRODUCT REVISED**  
**as complying with the Florida Building Code**  
**NOA-No.** 23-1116.18  
**Expiration Date** 07/09/2026  
**By** *[Signature]*  
**Miami-Dade Product Control**

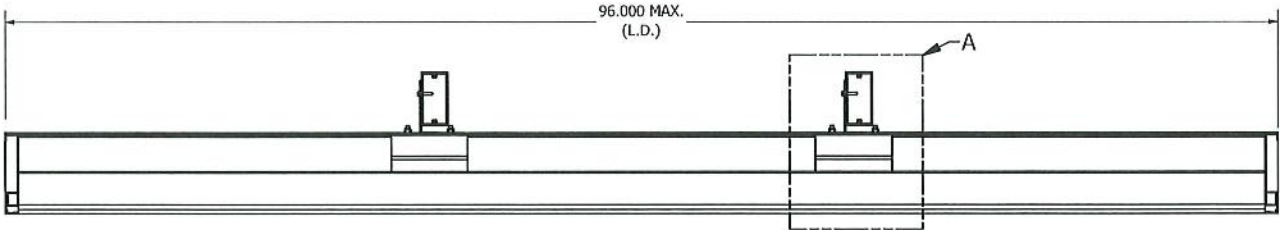
JEFFREY DEVON SMITH, P.E.  
NO. 91182

D	REV'D ENGINEER OF RECORD, UPDATED INFO.		NS	XXX	XXX	XXX	08/14/24
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	 1300 Enterprise Road, Geneva, Alabama 36340 PROPRIETARY AND CONFIDENTIAL				
CHECKED	DRP	3/23/2012					
APPROVED	DRP	3/23/2012					
APPROVED							
PARTIAL			PRODUCT 6375DC				
			TITLE NOTES, PARTS LIST, DRAWING INDEX, ISO VIEW-100PSF				
			SIZE D		DWG NO 60-022283-00B		REV D
GEN XXXXXX			SCALE NONE		INVENTOR		SHEET 1 of 29

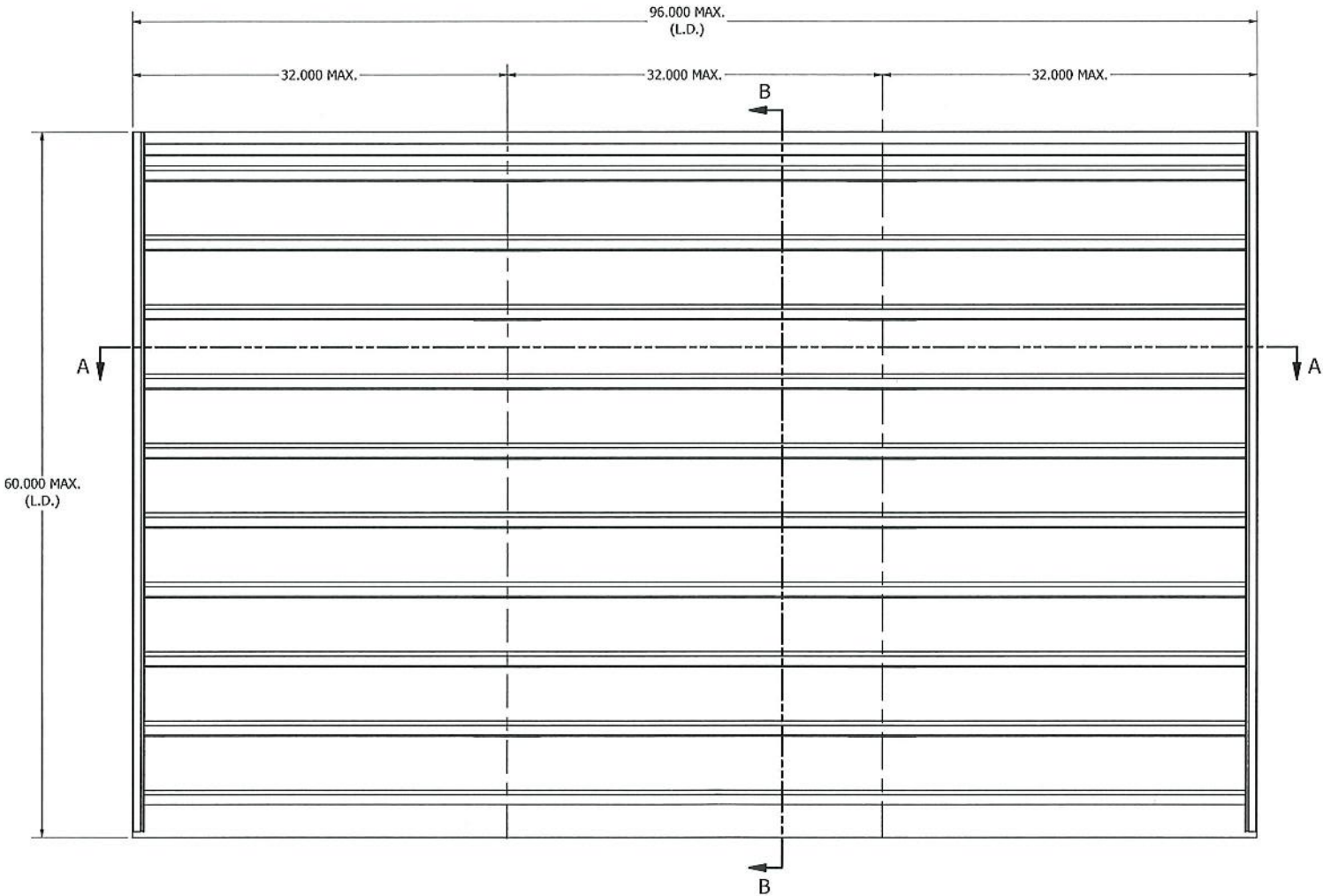
UNLESS OTHERWISE SPECIFIED, USE STD. ENGINEERING TOLERANCES PER WIQ-007



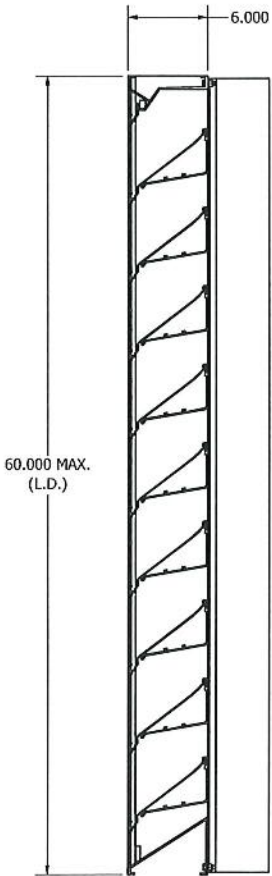
100PSF WINDLOAD - JAMB ONLY ATTACHMENT



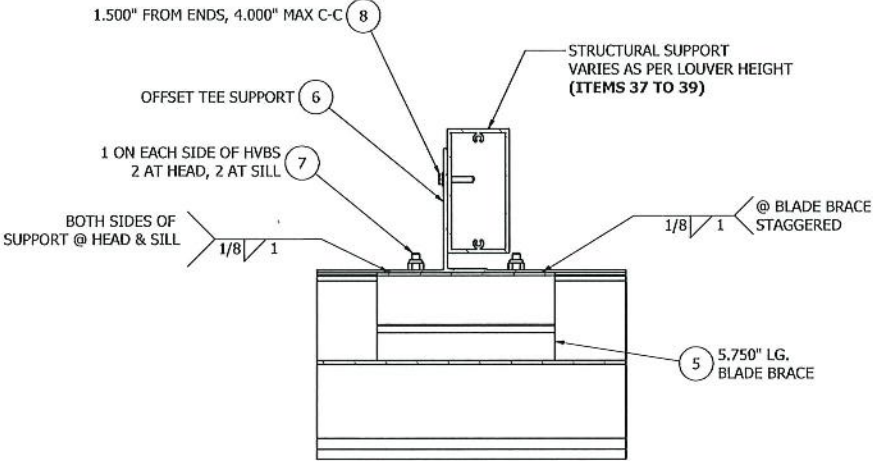
SECTION A-A



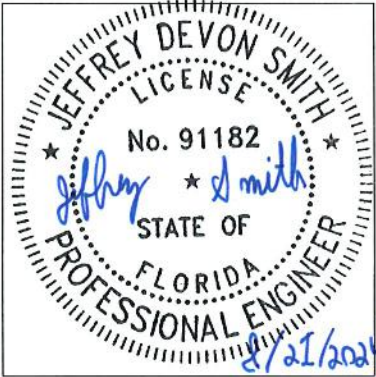
ASSEMBLY "A" - SINGLE SECTION VIEW-FOR WINDLOAD-100PSF JAMB ONLY ATTACHMENT  
LOUVER SIZE - 96.000" W X 60.000" H



SECTION B-B



DETAIL A  
HVBS CONNECTION DETAIL



JEFFREY DEVON SMITH, P.E.  
NO. 91182

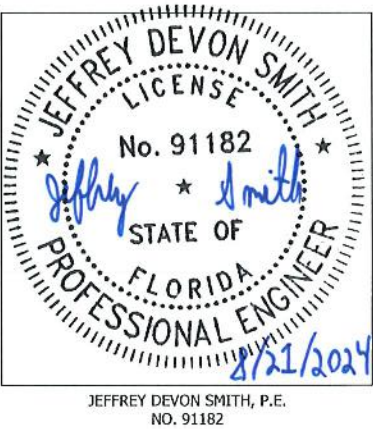
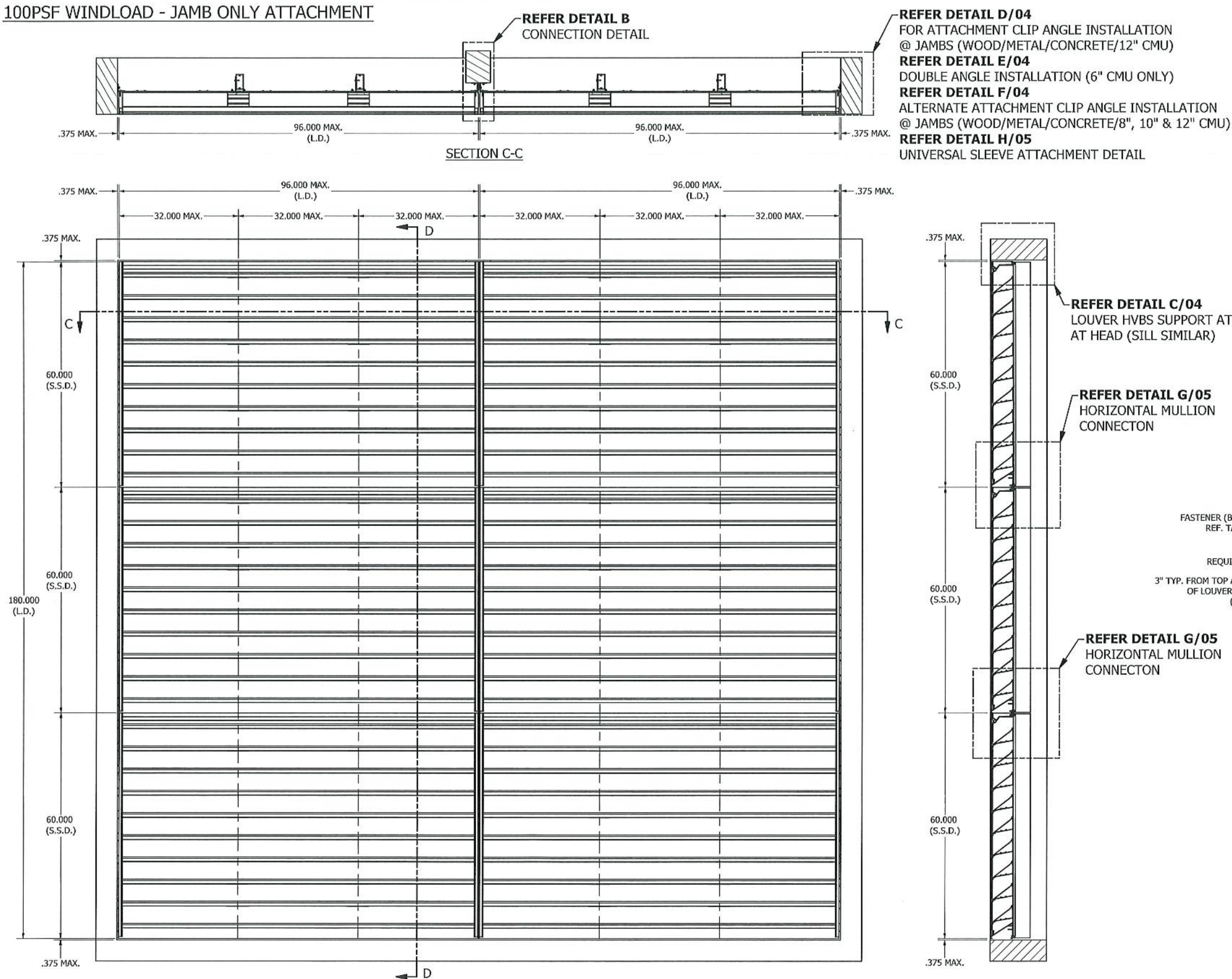
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1116.18  
Expiration Date 07/09/2026  
By *[Signature]*  
Miami-Dade Product Control

D	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	XXX	XXX	XXX	08/14/24
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				
APPROVED						
MATERIAL						
PRODUCT	6375DC					
TITLE	ASSEMBLY "A" - BASIC ASSEMBLY & DETAILS - 100PSF (JAMB ONLY ATTACHMENT)					
SIZE	D	DRG NO	60-022283-00B	REV	D	
SCALE	NONE	INVENTOR		SHEET	2	OF 29

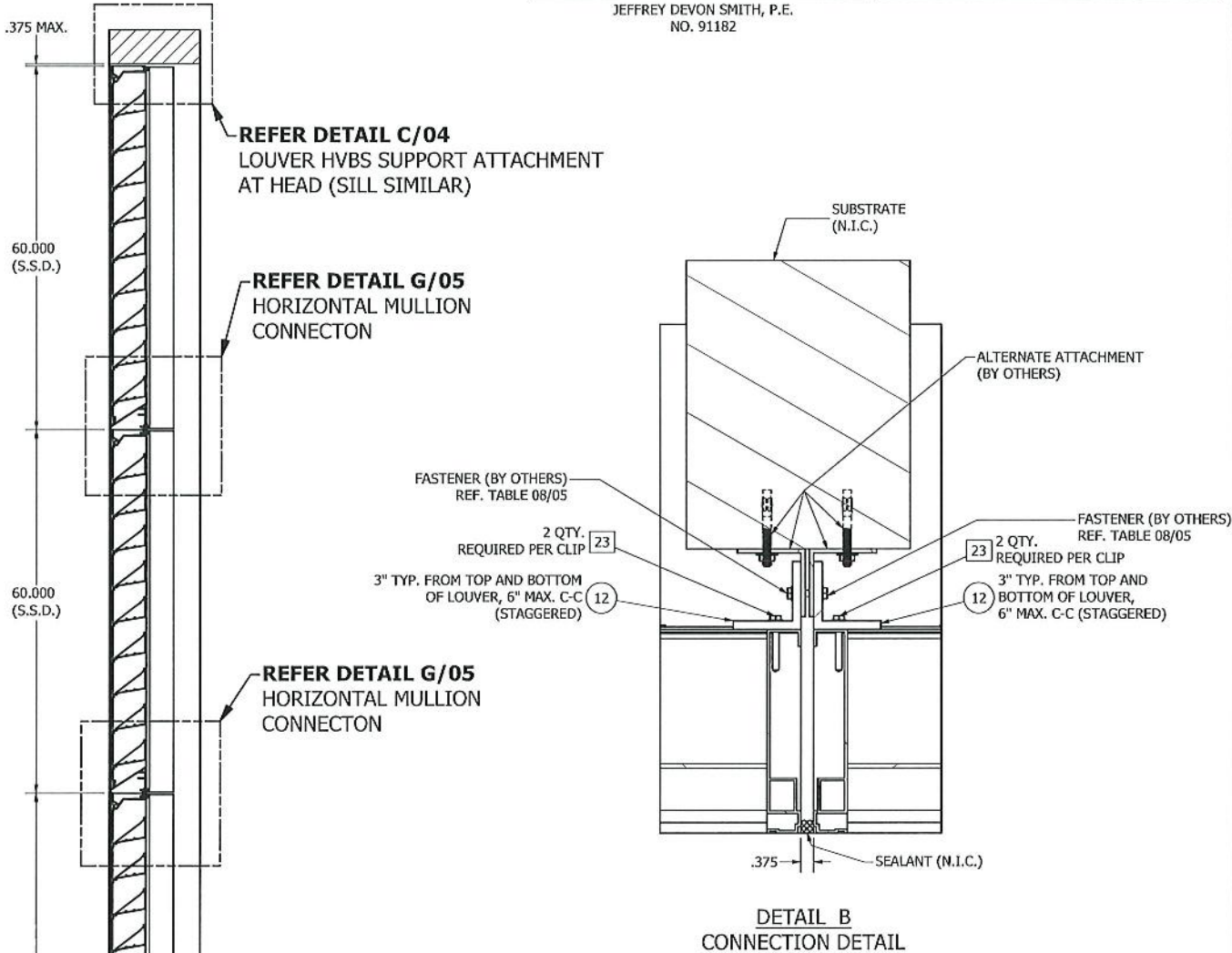
UNLESS OTHERWISE SPECIFIED, USE STD.  
ENGINEERING TOLERANCES PER WIQ-007



100PSF WINDLOAD - JAMB ONLY ATTACHMENT



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1116.18  
Expiration Date 07/09/2026  
By *[Signature]*  
Miami-Dade Product Control



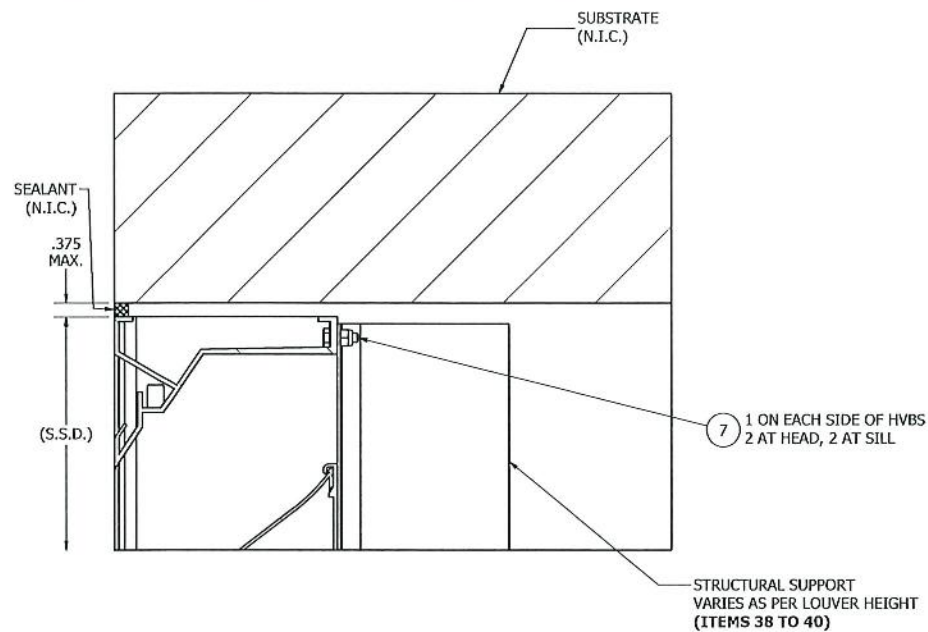
**ASSEMBLY "A" - MULTI SECTION VIEW-FOR WINDLOAD-100PSF JAMB ONLY ATTACHMENT**  
MAX. SHIP SECTION - 96.000" W X 60.000" H

UNLESS OTHERWISE SPECIFIED, USE STD.  
ENGINEERING TOLERANCES PER W1Q-007

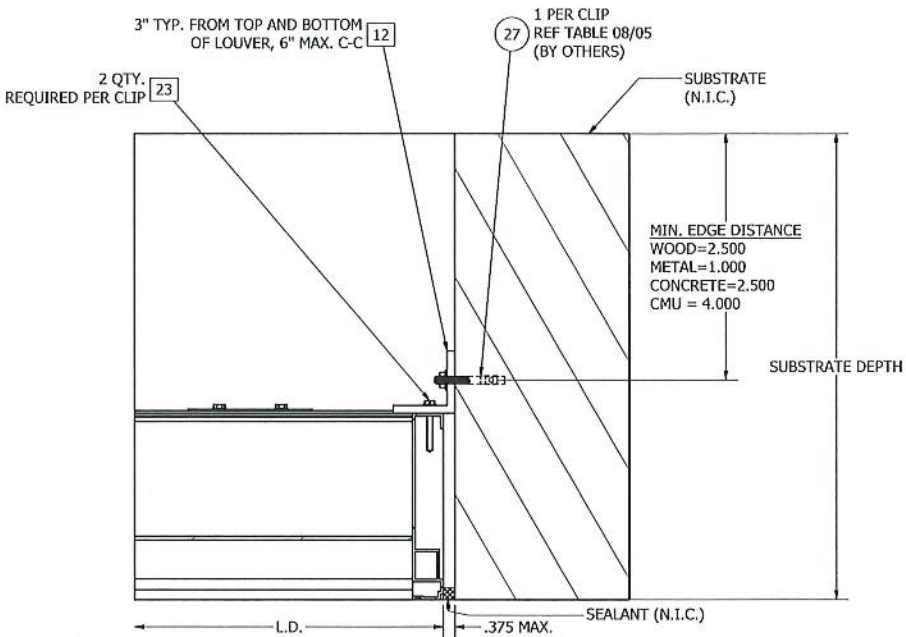
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B	REV'D ENGINEER OF RECORD & NOTES	CJD	SDL	MMM		10/23/17
REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012				
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
PRODUCT	6375DC					
TITLE	ASSEMBLY "A" - MULTI SECTION ASSEMBLY - 100PSF (JAMB ONLY ATTACHMENT)					
SIZE	D					
SCALE	NONE					
INVENTOR	XXXXX					
SHEET	3	OF	29			



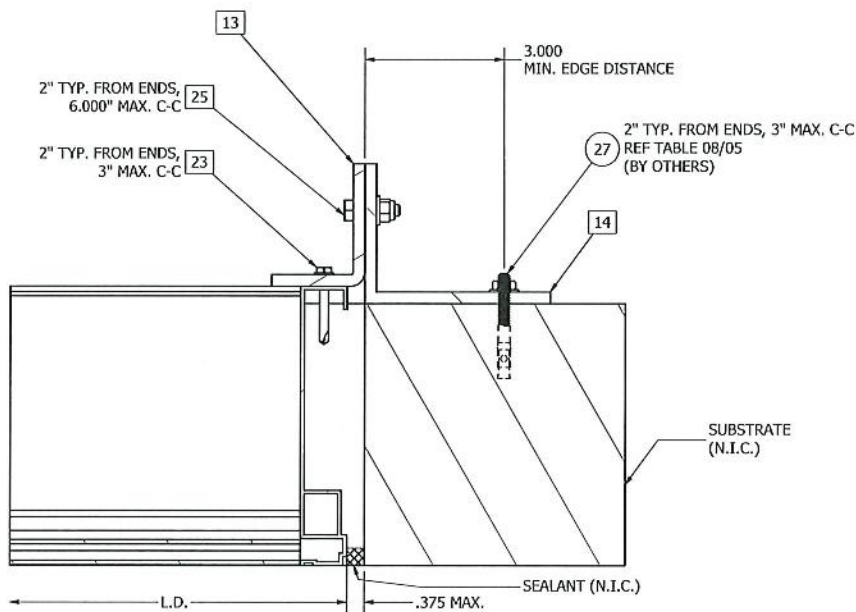
100PSF WINDLOAD - JAMB ONLY ATTACHMENT



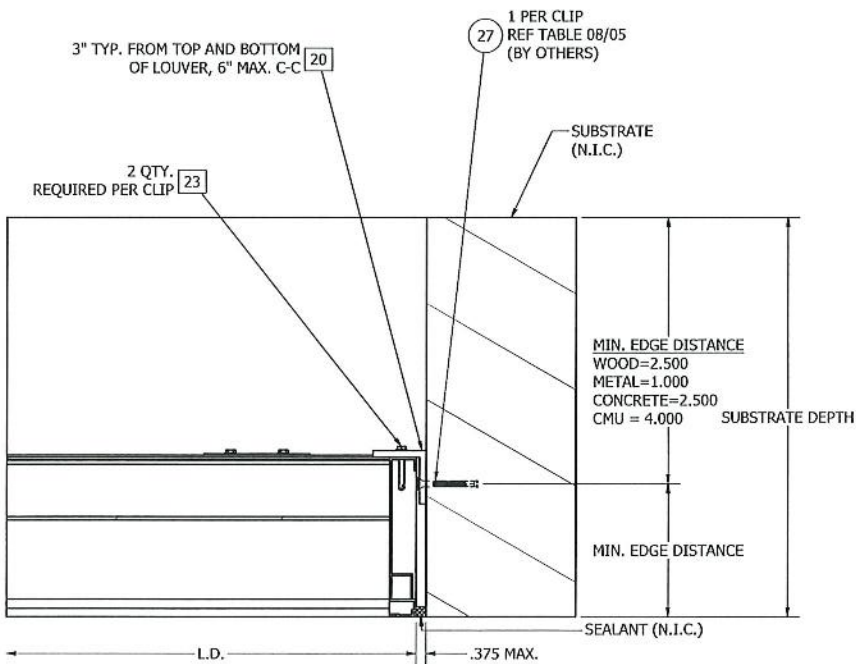
DETAIL C  
LOUVER HVBS SUPPORT ATTACHMENT AT HEAD (SILL SIMILAR)



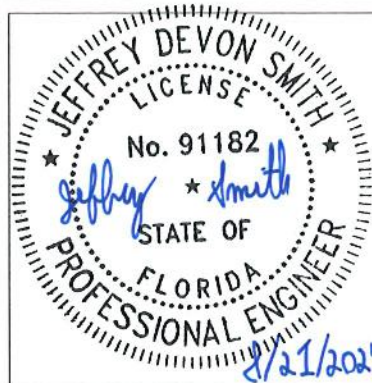
DETAIL D  
ATTACHMENT CLIP ANGLE INSTALLATION @ JAMB FRAME



DETAIL E  
ATTACHMENT CLIP ANGLE INSTALLATION @ JAMB FRAME  
(GROUT-FILLED CMU, 6" CMU ONLY)

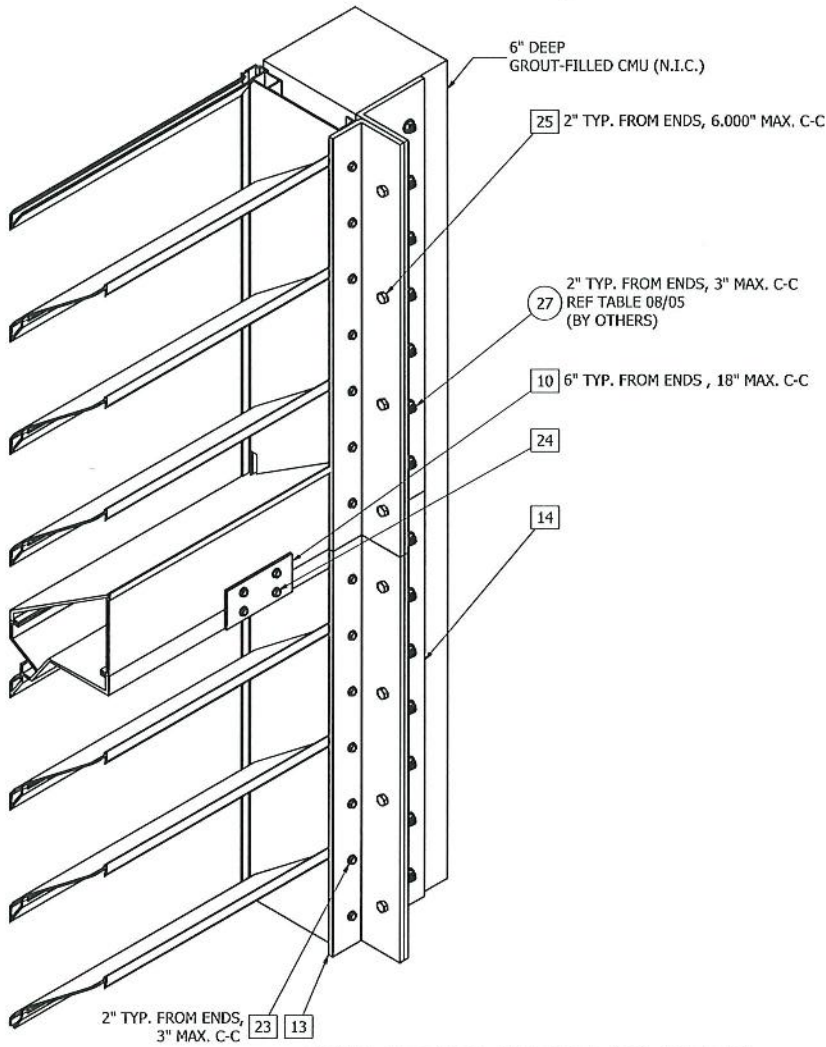


DETAIL F  
ALTERNATE ATTACHMENT CLIP ANGLE INSTALLATION @ JAMB FRAME  
IN REVERSE DIRECTION (ALTERNATE CONNECTION)



JEFFREY DEVON SMITH, P.E.  
NO. 91182

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1116.18  
Expiration Date 07/09/2026  
By *[Signature]*  
Miami-Dade Product Control



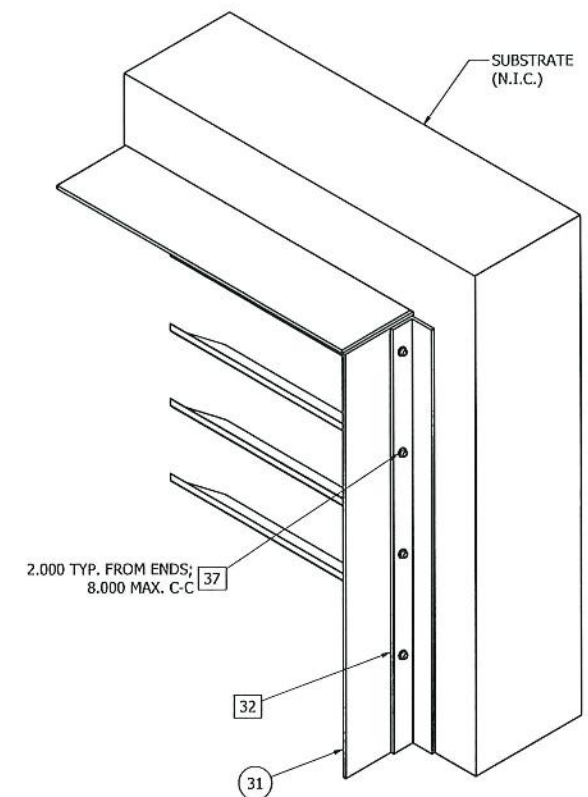
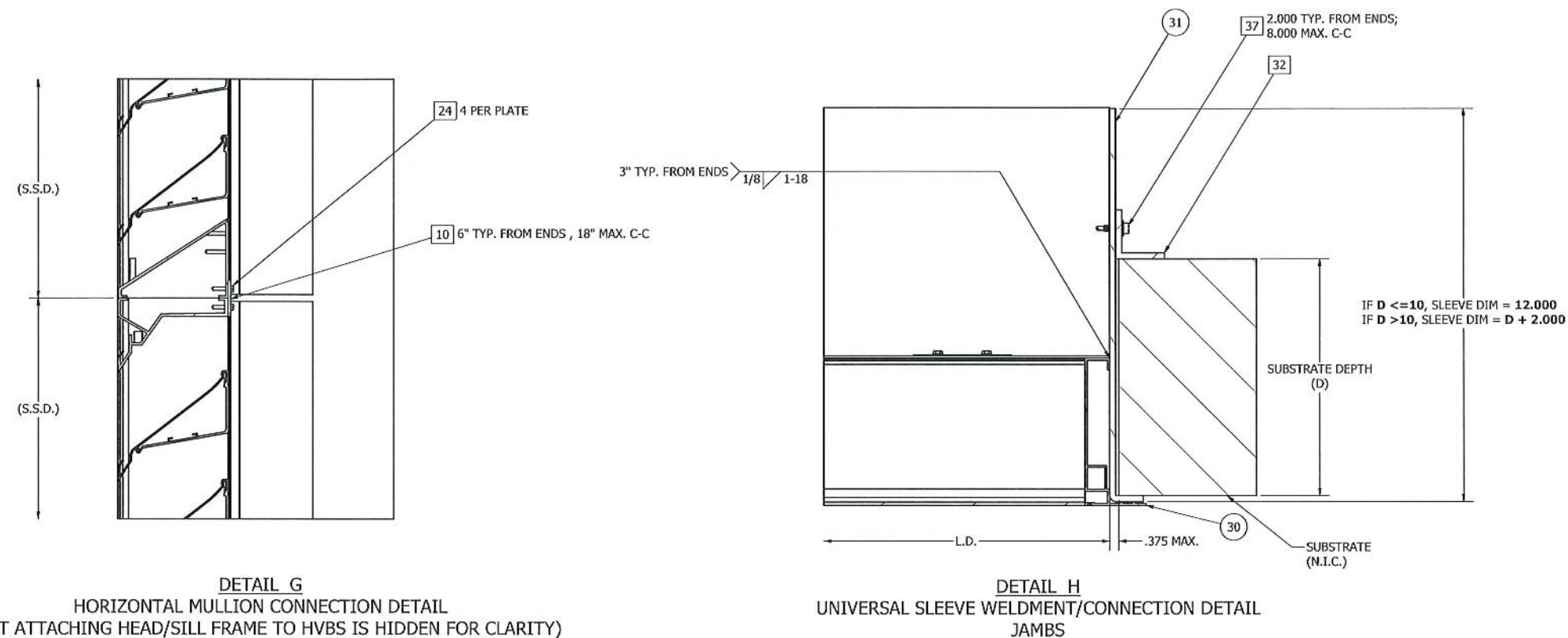
CMU ATTACHMENT (6" DEEP)

D	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	XXX	XXX	XXX	08/14/24
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				
APPROVED						
MATERIAL						
RELIABLE ARCHITECTURAL PRODUCTS						
1300 Enterprise Road, Geneva, Alabama 36340 PROPRIETARY AND CONFIDENTIAL						
TITLE ASSEMBLY "A" - INSTALLATION DETAILS						
SIZE	D		DATE	60-022283-00B	REV	D
SCALE	NONE		INVENTOR		SHEET	4 OF 29

UNLESS OTHERWISE SPECIFIED, USE STD.  
ENGINEERING TOLERANCES PER WIQ-007



100PSF WINDLOAD - JAMB ONLY ATTACHMENT

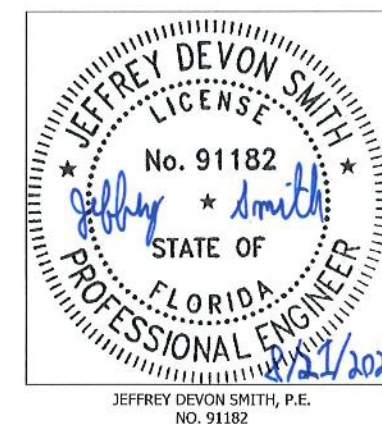



### UNIVERSAL SLEEVE ATTACHMENT

TABLE 08 - 6375DC - WALL FASTENER TABLE (N.I.C.) - FOR JAMB ONLY CONNECTION - 100PSF (ITEM 27)

SUBSTRATE TYPE	MIN. SUBSTRATE REQUIREMENTS	FASTENER TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE (STANDARD/REVERSE)
WOOD	SPECIFIC GRAVITY = 0.4	1/4" Ø BOLT, A307 WASHER & LOCKNUT	NA	2 1/2"
STEEL & ALUMINUM	STEEL - MIN. 14 GA ALUM. - MIN. 1/8" THICK	1/4" Ø A307 BOLT OR TEK SCREW	NA	1"
CONCRETE	3000 PSI MIN. COMPRESSIVE STRENGTH (UNCRACKED)	1/4" Ø X 2 1/4" HILTI KWIK CON + W / WASHER**	1 3/4"	2 1/2"
GROUT FILLED CMU (SINGLE ANGLE)	ASTM C-90 BLOCK, 1500 PSI GROUT COMP. STRENGTH. (UNCRACKED)	1/4" Ø X 2 1/2" HILTI KWIK HUS EZ W / WASHER **	1 5/8"	4"
GROUT FILLED CMU (DOUBLE ANGLE)	ASTM C-90 BLOCK, 1500 PSI GROUT COMP. STRENGTH. (UNCRACKED)	1/4" Ø X 1 1/4" HILTI KWIK CON + **	1"	3"

**NOTES:**  
 - DOUBLE ANGLE SHOULD BE USED IF MIN. WALL DEPTHS FOR STANDARD & REVERSE ANGLE IS NOT MET.  
 - \*\* COUNTERSUNK VARIANT MAY BE USED FOR ONLY KWIK HUS EZ & HILTI KWIK CON +. ALSO, WASHERS ARE NOT NEEDED FOR COUNTERSUNK VARIANTS.

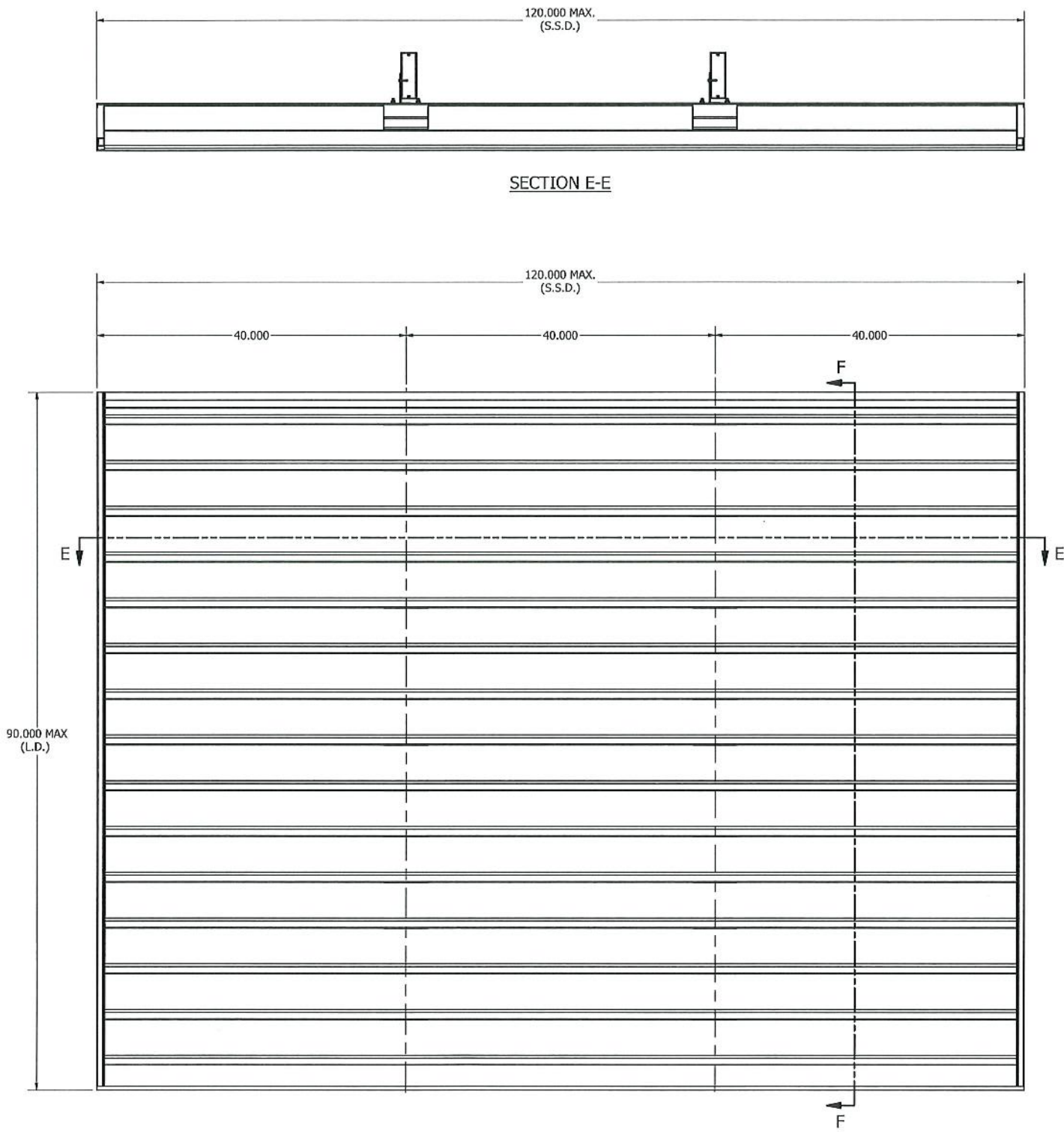


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as complying with the Florida  
Building Code  
NOA-No. 23-1116.18  
Expiration Date 07/09/2026  
By   
Miami-Dade Product Control

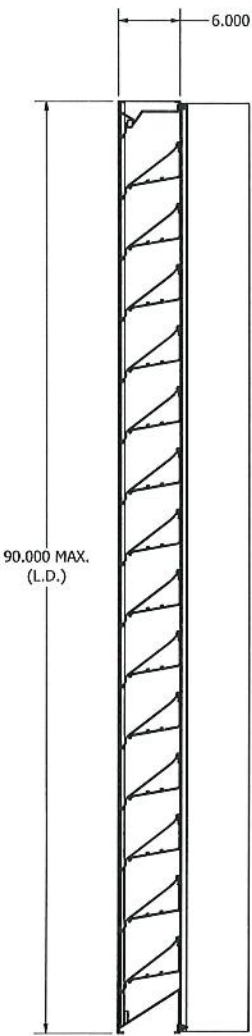
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C	REV'D ENGINEER OF RECORD, UPDATED INFO.		NS	JDS	WRT	MMM	09/25/20
B	REV'D ENGINEER OF RECORD & NOTES		CJD	SDL	MMM		10/23/17
REV	DESCRIPTION		BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012			1300 Enterprise Road, Geneva, Alabama 36340 PROPRIETARY AND CONFIDENTIAL		
CHECKED	DRP	3/23/2012					
APPROVED	DRP	3/23/2012					
APPROVED							
MATERIAL		PRODUCT		6375DC			
TITLE		ASSEMBLY "A" - UNIVERSAL SLEEVE INSTALL & WALL FASTENER TABLE					
SIZE D		DWG NO		60-022283-00B			
SCALE		NONF		DRAWN BY		SHEET 5 OF 29	

UNLESS OTHERWISE SPECIFIED, USE STD.  
ENGINEERING TOLERANCES PER WIQ-007

100PSF WINDLOAD - PERIMETER ATTACHMENT



ASSEMBLY "B" - SINGLE SECTION VIEW-FOR WINDLOAD-100PSF PERIMETER ATTACHMENT  
MAX. SHIP SECTION - 120.000" W X 90.000" H



SECTION F-F

**NOTE :**  
THIS LOUVER SYSTEM IS APPROVED FOR PERIMETER ATTACHMENT AND APPLICATION WITH DESIGN PRESSURE +/-100PSF ,  
MAXIMUM SINGLE SECTION SIZE IS 120"WIDE X 90"HIGH, UNLIMITED WIDTH X 90" HIGH

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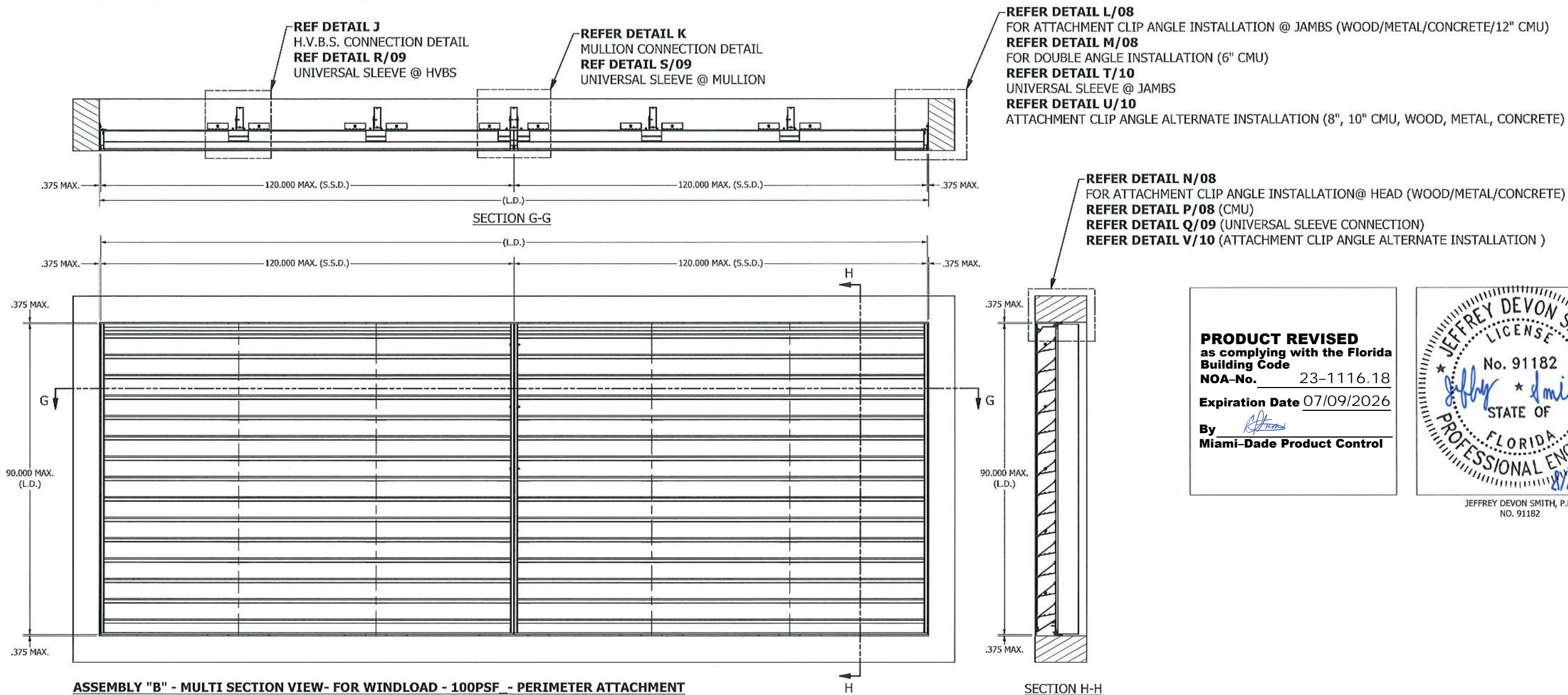
JEFFREY DEVON SMITH, P.E.  
NO. 91182

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REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012				
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
PRODUCT	6375DC					
TITLE	ASSEMBLY "B" - BASIC ASSEMBLY - 100PSF (PERIMETER ATTACHMENT)					
SIZE	D	60-022283-00B				
SCALE	D	NONE				
INVENTOR	XXXXX					
SHEET	6	OF	29			

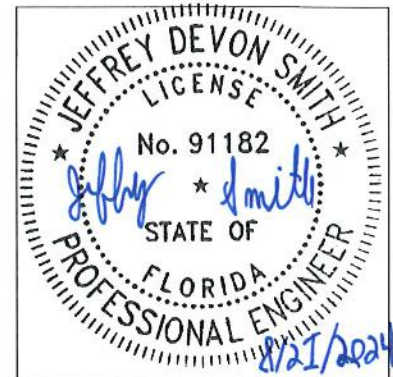
UNLESS OTHERWISE SPECIFIED, USE STD.  
ENGINEERING TOLERANCES PER WIQ-007



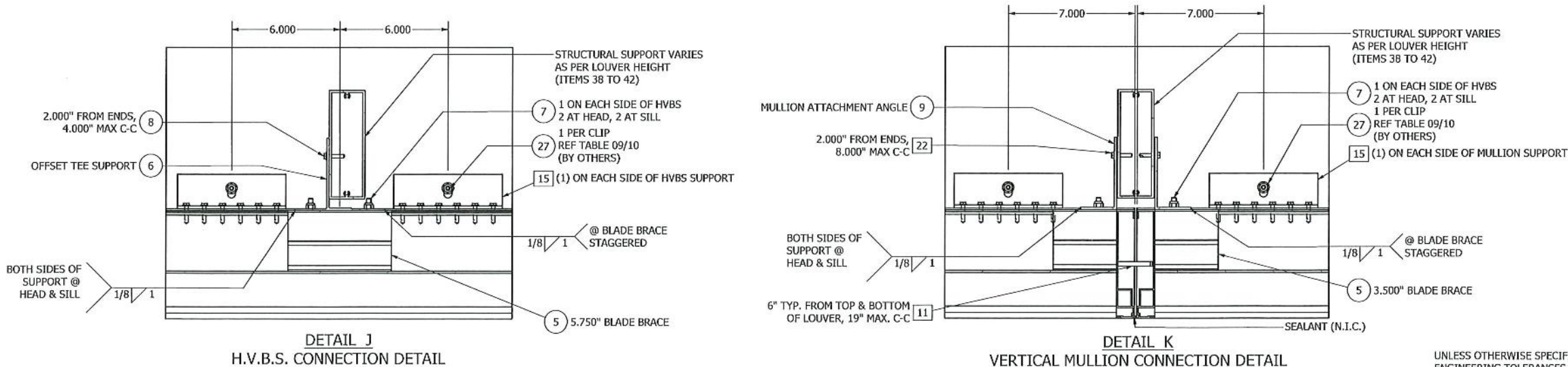
100PSF WINDLOAD - PERIMETER ATTACHMENT



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NOA-No. 23-1116.18  
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By *R. Smith*  
Miami-Dade Product Control



JEFFREY DEVON SMITH, P.E.  
NO. 91182

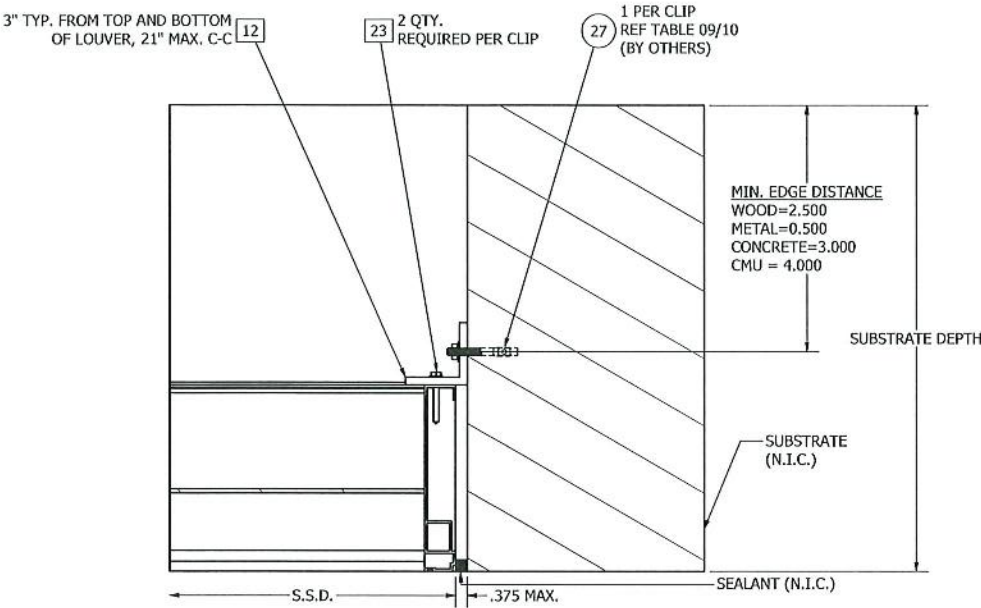


UNLESS OTHERWISE SPECIFIED, USE STD.  
ENGINEERING TOLERANCES PER WIQ-007

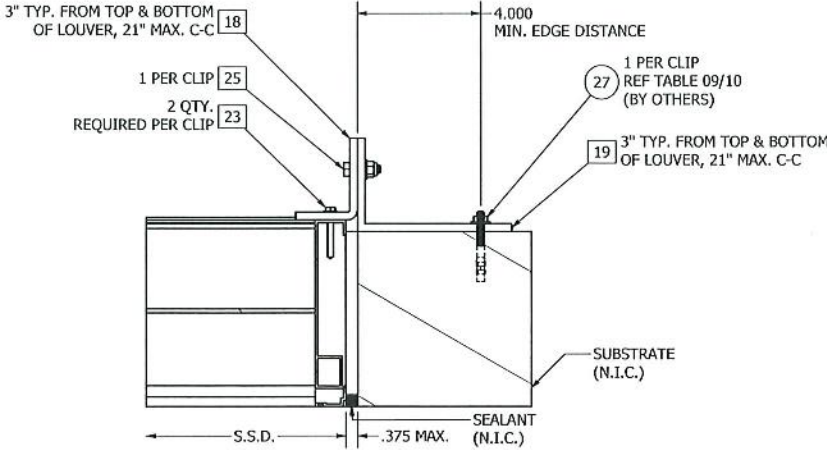
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B	REV'D ENGINEER OF RECORD & NOTES	CJD	SDL	MMM		10/23/17
REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012				
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
MATERIAL						
PRODUCT	6375DC					
TITLE	ASSY "B" - MULTI SECTION ASSEMBLY & DETAILS - 100 PSF (PERIMETER ATTACHMENT)					
SIZE	D					
SCALE	NONE					
INVENTOR						
SHEET	7					29



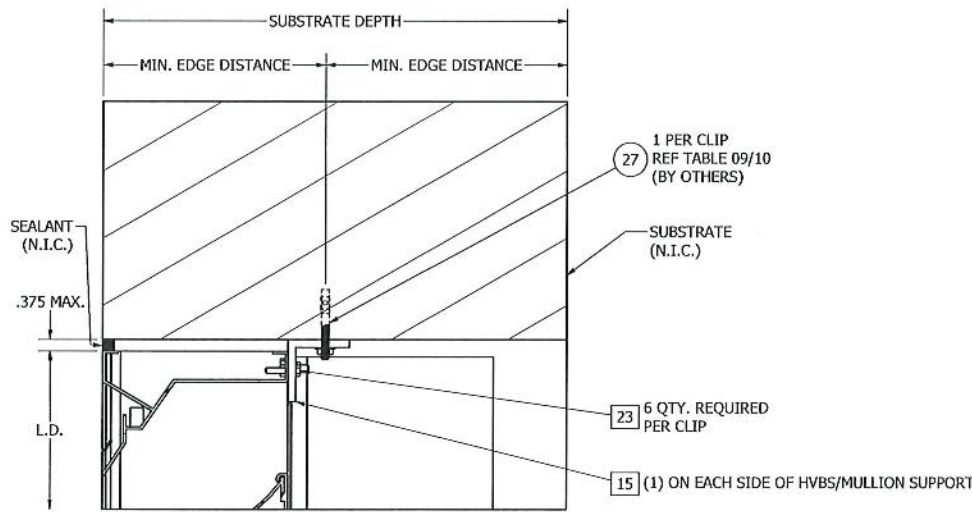
100PSF WINDLOAD - PERIMETER ATTACHMENT



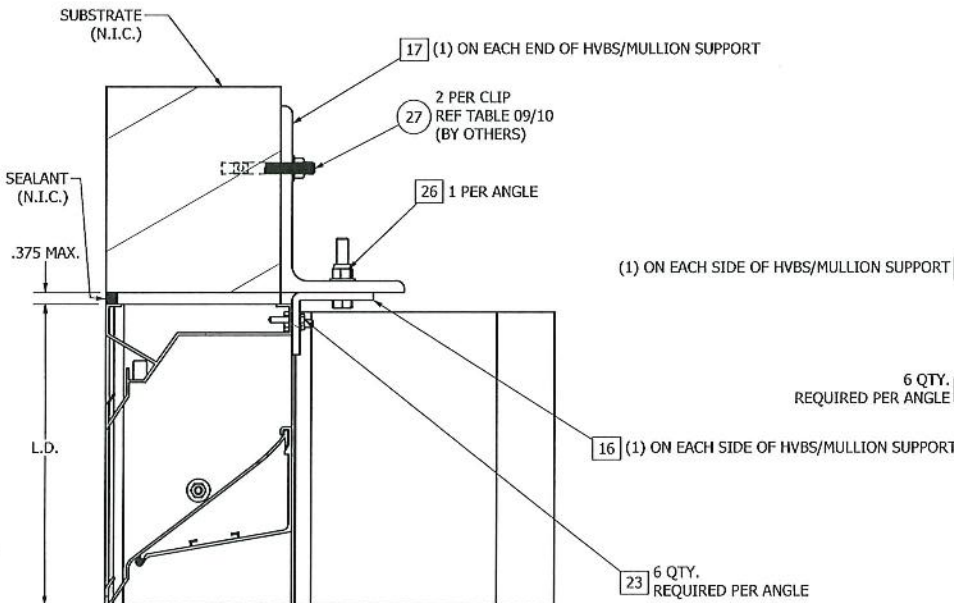
DETAIL L  
ATTACHMENT CLIP ANGLE INSTALLATION @ JAMB FRAME



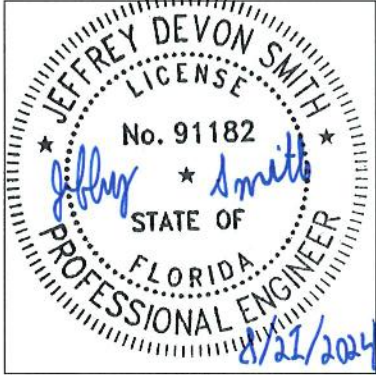
DETAIL M  
ATTACHMENT CLIP ANGLE INSTALLATION @ JAMB FRAME  
(GROUT-FILLED CMU)



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

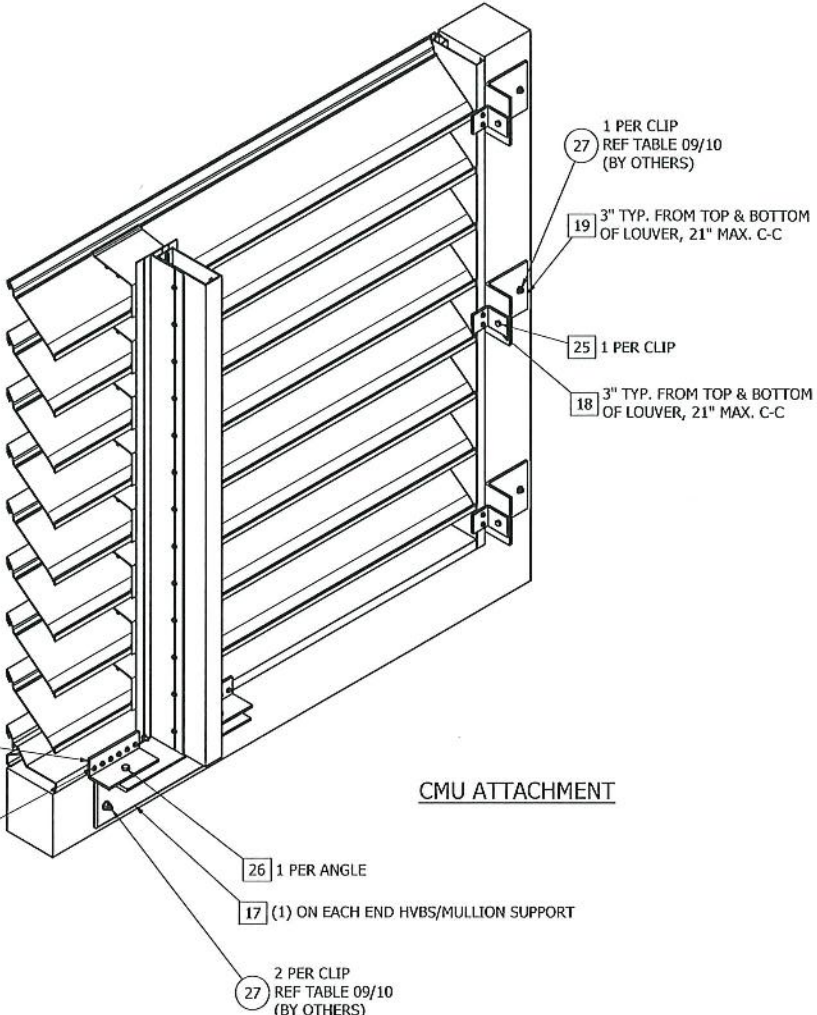


DETAIL P  
ATTACHMENT CLIP ANGLE INSTALLATION @ HEAD FRAME (SILL SIMILAR)  
(GROUT FILLED CMU)




JEFFREY DEVON SMITH, P.E.  
NO. 91182

**PRODUCT REVISED**  
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Building Code  
NOA-No. 23-1116.18  
Expiration Date 07/09/2026  
By *[Signature]*  
Miami-Dade Product Control



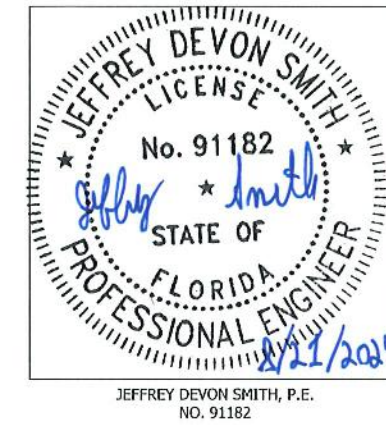
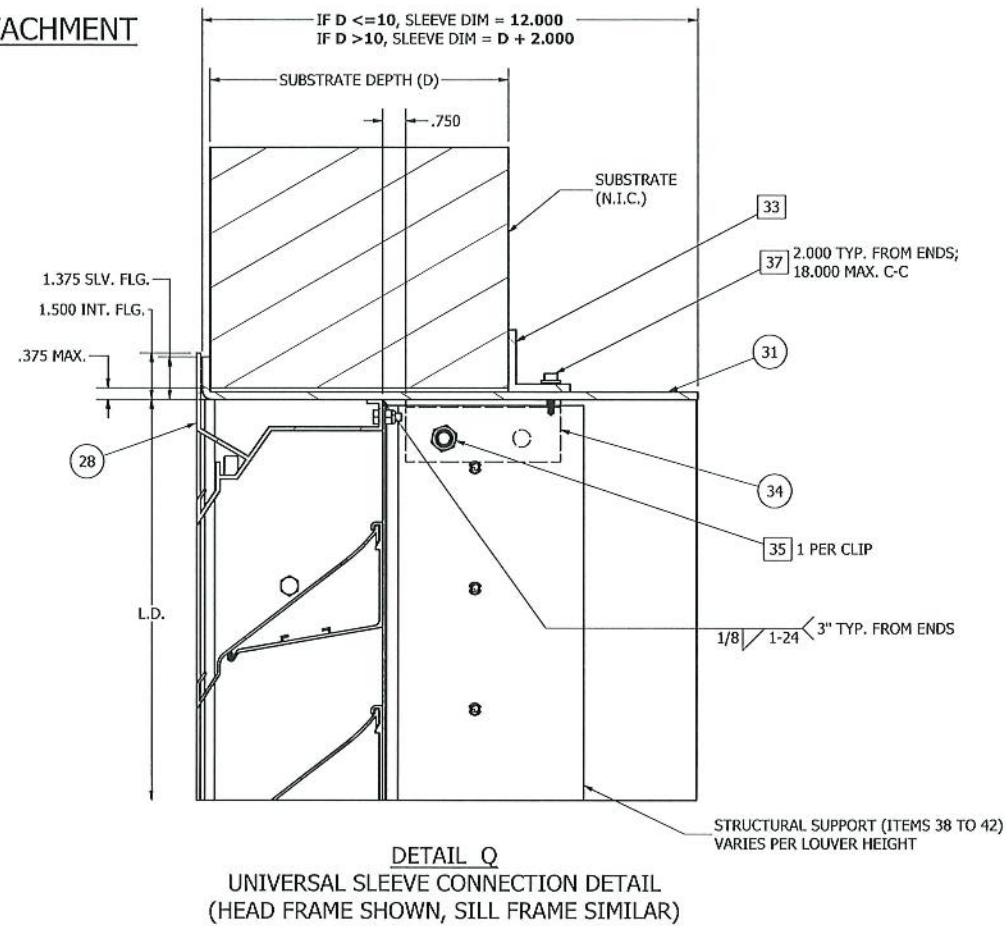
CMU ATTACHMENT


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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	 1300 Enterprise Road, Geneva, Alabama 36340 PROPRIETARY AND CONFIDENTIAL				
CHECKED	DRP	3/23/2012					
APPROVED	DRP	3/23/2012					
APPROVED							
MATERIAL			PRODUCT		6375DC		
			TITLE ASSEMBLY "B" - CMU / NON-CMU INSTALL				
			SIZE D	OWS NO	60-022283-00B		REV D
SCALE	XXXXXX		SCALE NONE		INVENTOR		SHEET 8 of 29

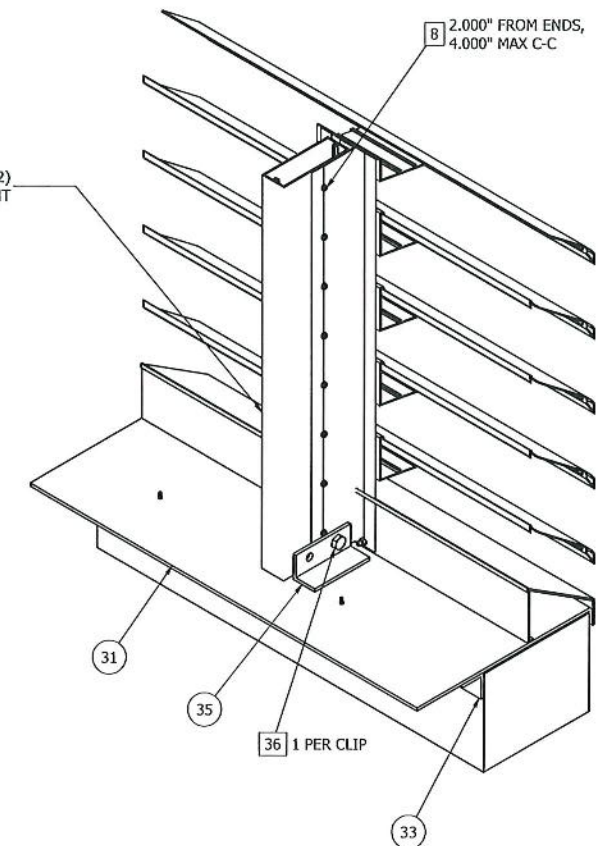
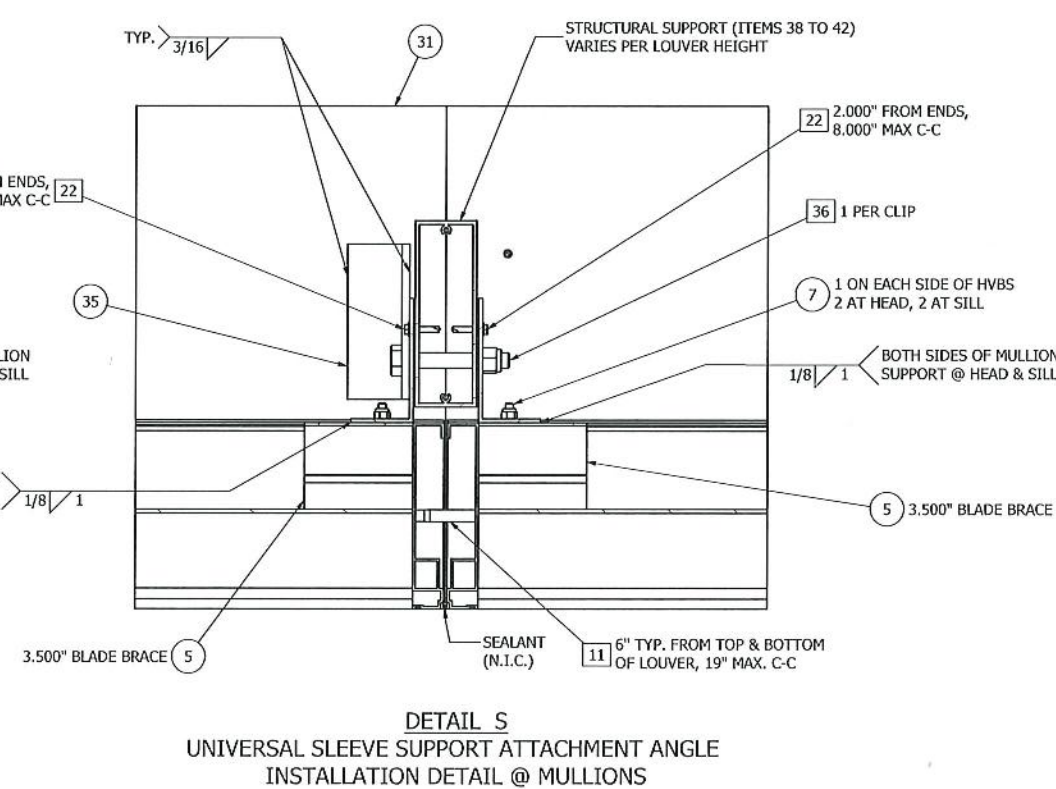
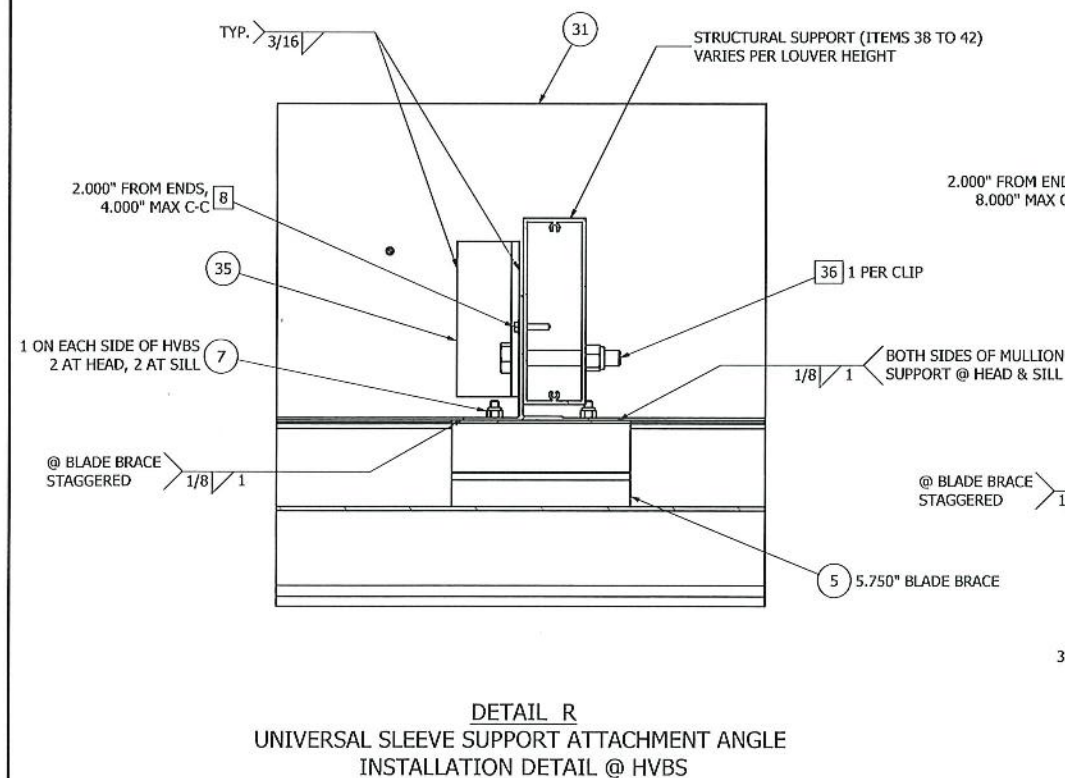
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ENGINEERING TOLERANCES PER WIQ-007



100PSF WINDLOAD - PERIMETER ATTACHMENT



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as complying with the **Florida**  
**Building Code**  
**NOA-No.** 23-1116.18  
**Expiration Date** 07/09/2026  
**By**   
**Miami-Dade Product Control**

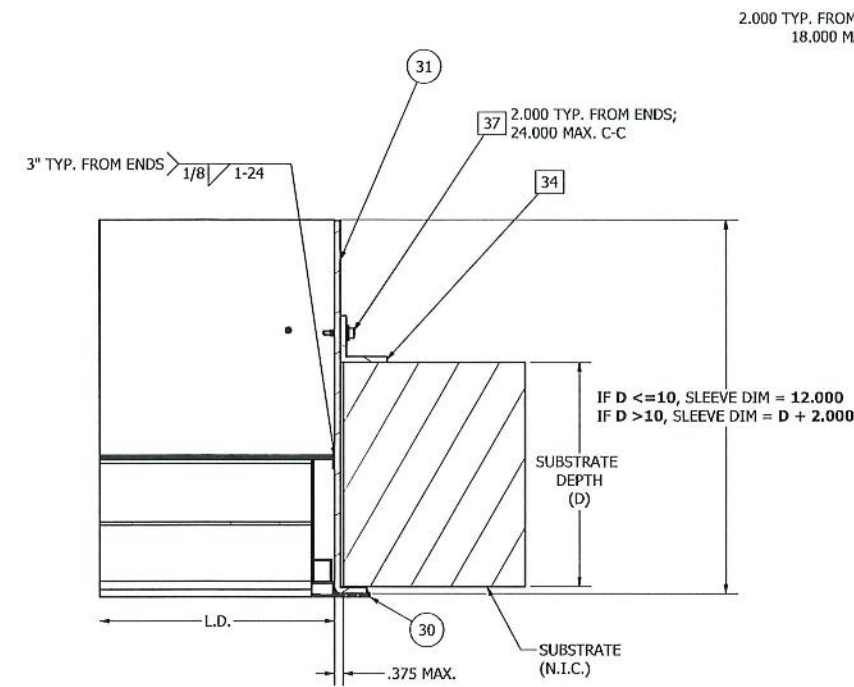


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B	REV'D ENGINEER OF RECORD & NOTES	CJD	SDL	MMM		10/23/17
REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012	 1300 Enterprise Road, Geneva, Alabama 36340 PROPRIETARY AND CONFIDENTIAL			
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
APPROVED						
MATERIAL			PRODUCT 6375DC			
TITLE			ASSEMBLY "B" - UNIVERSAL SLEEVE INSTALL.			
SIZE D			DWG NO		REV D	
SCALE			60-02283-00B			
INVENTOR			SHEET 9 of 29			

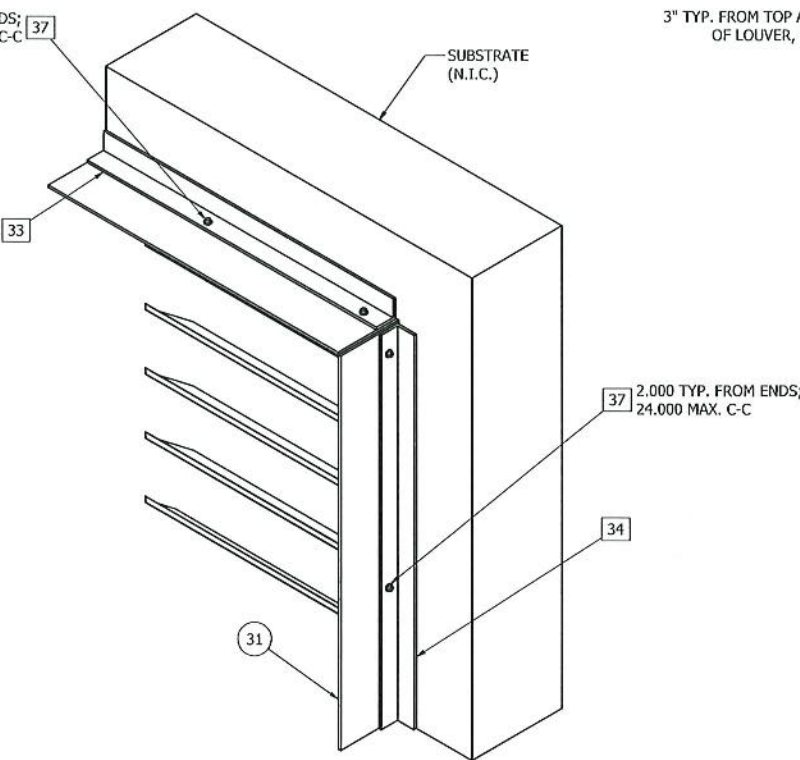
UNLESS OTHERWISE SPECIFIED, USE STD.  
ENGINEERING TOLERANCES PER WIQ-007



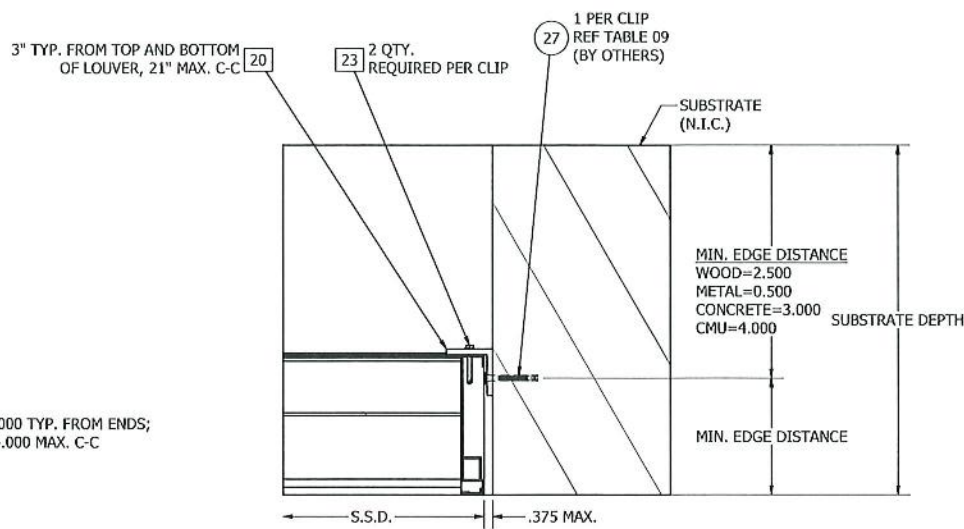
100PSF WINDLOAD - PERIMETER ATTACHMENT



DETAIL T  
UNIVERSAL SLEEVE CONNECTION DETAIL @ JAMBS



UNIVERSAL SLEEVE ATTACHMENT



DETAIL U  
ATTACHMENT CLIP ANGLE INSTALLATION @ JAMB FRAME  
IN REVERSE DIRECTION (ALTERNATE CONNECTION)

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1116.18  
Expiration Date 07/09/2026  
By *[Signature]*  
Miami-Dade Product Control

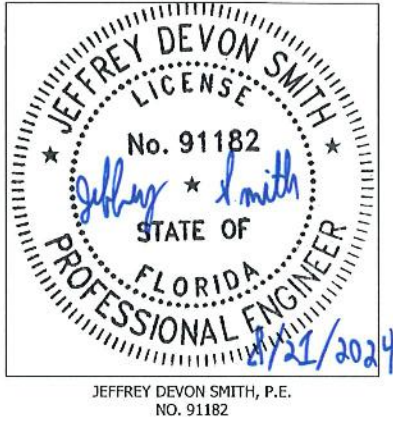
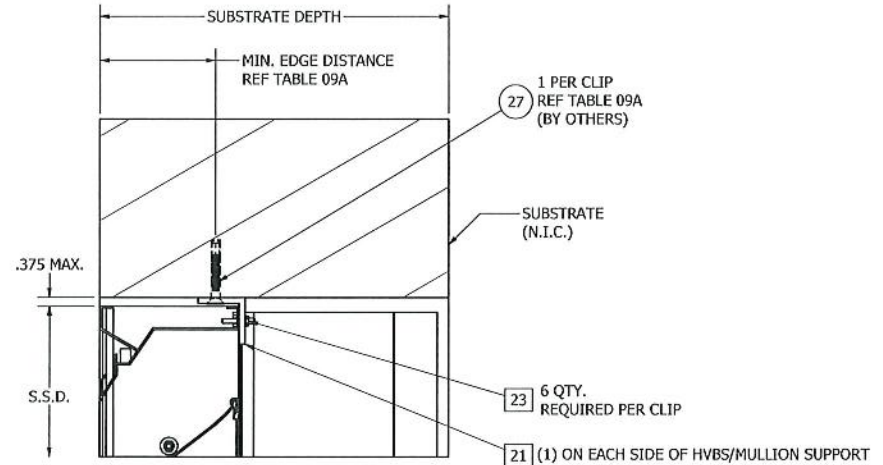


TABLE 09 - 6375DC - WALL FASTENER TABLE (N.I.C.) - FOR PERIMETER ATTACHMENT-100 PSF - ITEM 27					
SUBSTRATE TYPE	MIN. SUBSTRATE REQUIREMENTS	LOCATION	FASTENER TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE (STANDARD/REVERSE)
WOOD	SPECIFIC GRAVITY = 0.4	JAMB	1/4" Ø BOLT, WASHER & LOCKNUT	NA	2 1/2"
		HEAD/SILL	3/8" Ø A307 BOLT, WASHER & LOCKNUT	NA	2 1/2"
STEEL & ALUMINUM	STEEL - MIN. 12 GA ALUM. - MIN. 3/16" THICK	JAMB	1/4" Ø A307 BOLT OR TEK SCREW	NA	1/2"
		HEAD/SILL	3/8" Ø A307 BOLT, LOCKNUT & WASHER	NA	3/4"
CONCRETE	3000 MIN. COMPRESSIVE STRENGTH (UNCRACKED)	JAMB	1/4" Ø X 2 1/4" HILTI KWIK BOLT 3 W WASHER**	2"	3"
	4000 MIN. COMPRESSIVE STRENGTH (UNCRACKED)	HEAD/SILL	1/2" Ø HILTI KWIK BOLT 3 EXPANSION ANCHORS	3 1/4"	4"
GROUT FILLED CMU	ASTM C-90 BLOCK, 1500 PSI GROUT COMP. STRENGTH. (UNCRACKED)	JAMB (SINGLE ANGLE)	1/4" Ø X 3" HILTI KWIK HUS EZ W/ WASHER**	2 1/2"	4"
		JAMB (DOUBLE ANGLE)	1/4" Ø X 3" HILTI KWIK HUS EZ	2 1/2"	4"
		HEAD/SILL (DOUBLE ANGLE)	3/8" Ø HILTI KWIK HUS EZ SCREW ANCHORS	2 1/2"	4"

**NOTES:**  
- DOUBLE ANGLE SHOULD BE USED IF MIN. WALL DEPTHS FOR STANDARD & REVERSE ANGLE IS NOT MET.  
- \*\* COUNTERSUNK VARIANT MAY BE USED FOR ONLY KWIK HUS EZ & HILTI KWIK CON II ±. ALSO, WASHERS ARE NOT NEEDED FOR COUNTERSUNK VARIANTS.



DETAIL V  
ATTACHMENT CLIP ANGLE INSTALLATION @ HEAD FRAME  
(SILL SIMILAR) (ALTERNATE CONNECTION)  
(WOOD, METAL & CONCRETE SUBSTRATE ONLY)

UNLESS OTHERWISE SPECIFIED, USE STD. ENGINEERING TOLERANCES PER W1Q-007

D	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	XXX	XXX	XXX	08/14/24
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				
TITLE		ASSEMBLY "B" - UNIVERSAL SLEEVE, ALTERNATE CLIP INSTALL & WALL FASTENER TABLE				
SIZE		D				
SCALE		DWG NO	60-022283-00B			
ECH		XXXXX				
SCALE		NONE				
INVENTOR						
SHEET		10	OF	29		



HEAD FRAME ITEM #01 (TABLE-01)  
RELIABLE #70-024024-00B

SILL FRAME ITEM #02 (TABLE-01)  
RELIABLE #70-024025-00B

JAMB FRAME ITEM #03  
RELIABLE #70-020382-00B

BLADE ITEM #04  
RELIABLE #70-020560-00B

BLADE BRACE ITEM #05  
RELIABLE #70-020568-00B

HEAD FRAME ITEM #01 (TABLE-02)  
RELIABLE #70-020578-00B

SILL FRAME ITEM #02 (TABLE-02)  
RELIABLE #70-021130-00B

ATTACHMENT CLIP ANGLE ITEM #12  
RELIABLE #85-022012-00B  
(WOOD/METAL/CONCRETE/12" CMU)

ALTERNATE ATTACHMENT CLIP ANGLE ITEM #15  
RELIABLE #85-023260-00B  
(WOOD/METAL/CONCRETE)

OFFSET TEE SUPPORT FOR BLADE ITEM #06  
RELIABLE # 70-024309-00B

MULLION SUPPORT ATTACHMENT ANGLE ITEM #09  
RELIABLE #A1139

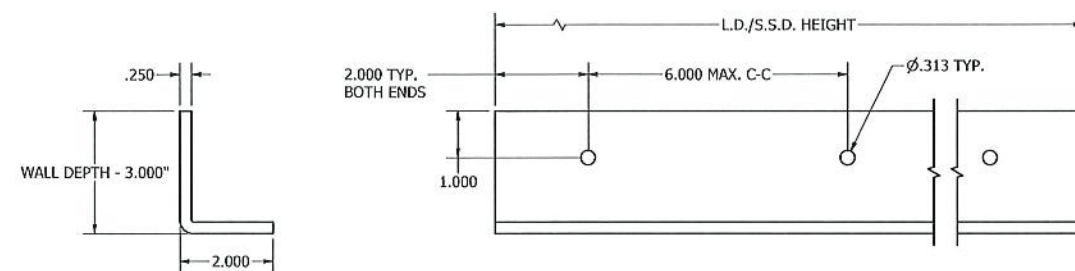
SPLICE PLATE ITEM #10  
RELIABLE # 85-021546-00B

JEFFREY DEVON SMITH, P.E.  
NO. 91182

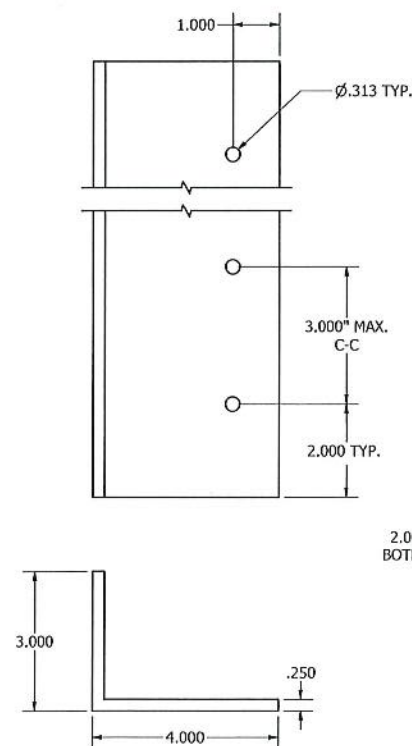
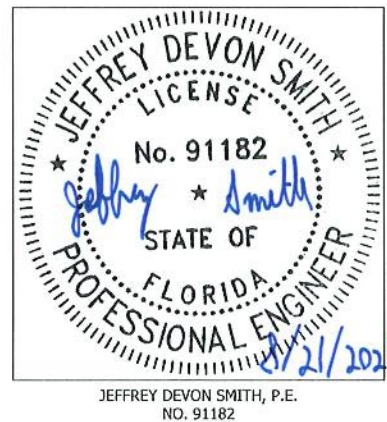
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1116.18  
Expiration Date 07/09/2026  
By *[Signature]*  
Miami-Dade Product Control

D	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	XXX	XXX	XXX	08/14/24
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	 1300 Enterprise Road, Geneva, Alabama 36340 PROPRIETARY AND CONFIDENTIAL			
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
APPROVED			PRODUCT 6375DC			
MATERIAL			TITLE 6375DC - PARTS			
SIZE	D		OWG NO	60-022283-00B		REV D
SCALE	NONE		INVENTOR	SHEET 11 OF 29		


UNLESS OTHERWISE SPECIFIED, USE STD. ENGINEERING TOLERANCES PER WIQ-007

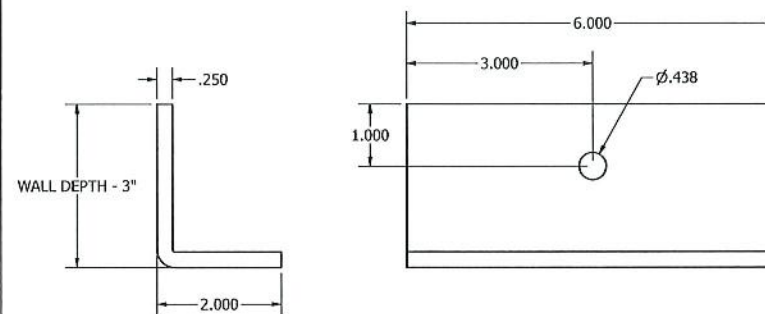
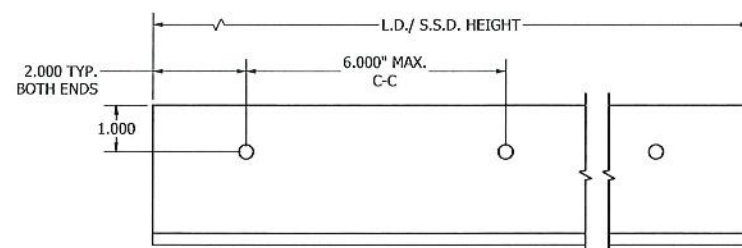


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(6, 8 & 10 IN GROUT-FILLED CMU)

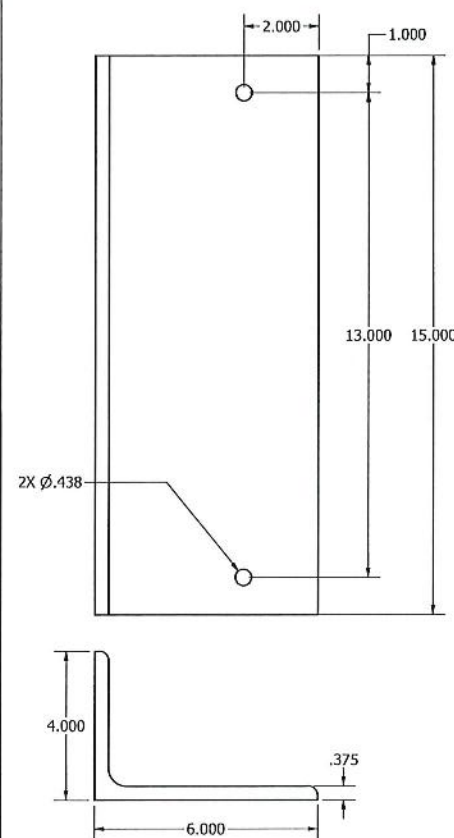


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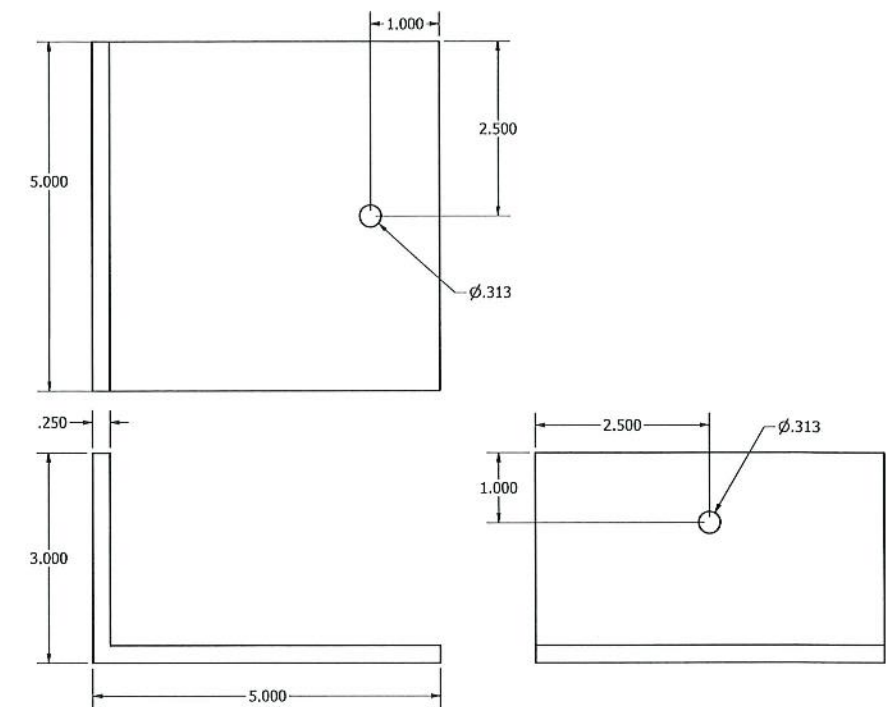
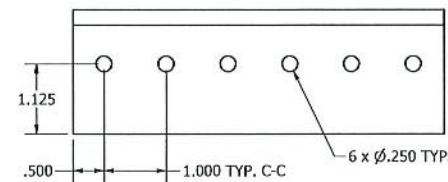
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1116.18  
Expiration Date 07/09/2026  
By   
Miami-Dade Product Control



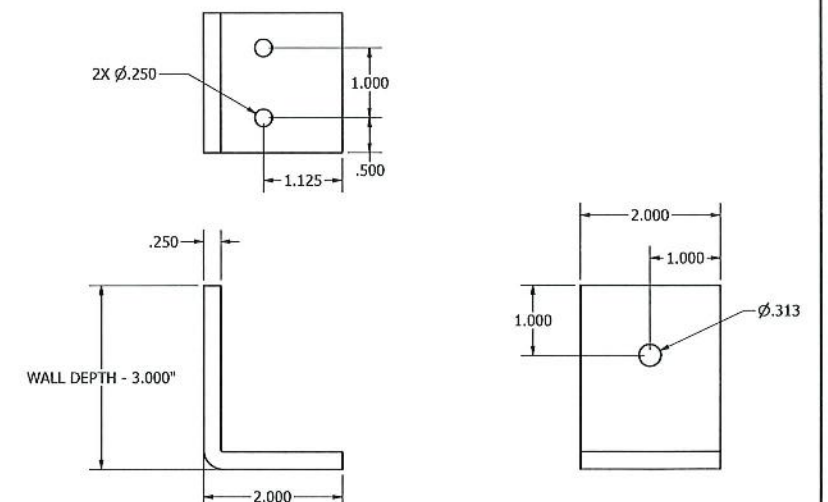
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RELIABLE #85-023252-00B  
(6, 8, 10 & 12 IN GROUT-FILLED CMU)



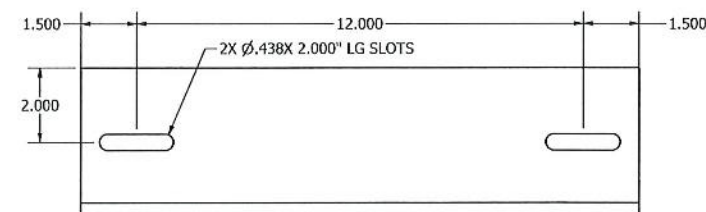
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(6, 8, 10 & 12 IN GROUT-FILLED CMU)




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(6, 8 & 10 IN GROUT-FILLED CMU)



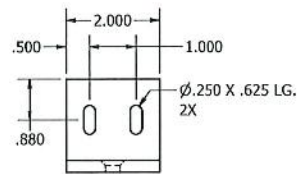
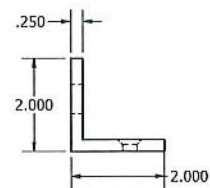
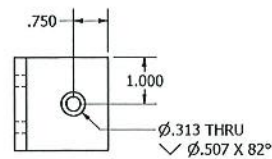
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(6, 8, 10 IN GROUT-FILLED CMU)



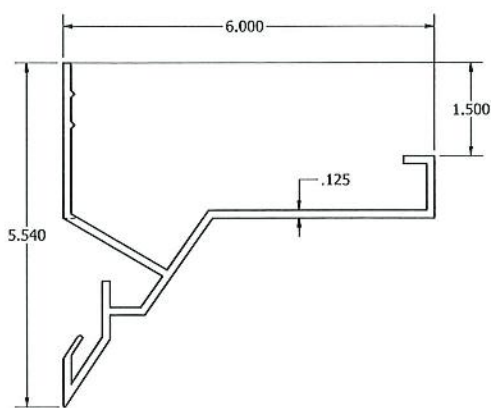
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B	REV'D ENGINEER OF RECORD & NOTES	CJD	SDL	MMM		10/23/17
REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012	 1300 Enterprise Road, Geneva, Alabama 36340 PROPRIETARY AND CONFIDENTIAL			
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
APPROVED						
MATERIAL		PRODUCT		6375DC		
		TITLE				
		6375DC - PARTS - 100PSF				
		SIZE D	DIVG NO			REV D
		60-022283-00B				
TCN	XXXXXX	SCALE	NONE		SHEET 12 OF 29	

UNLESS OTHERWISE SPECIFIED, USE STD.  
ENGINEERING TOLERANCES PER WIQ-007

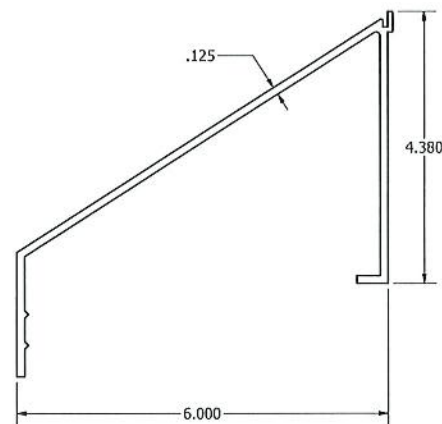




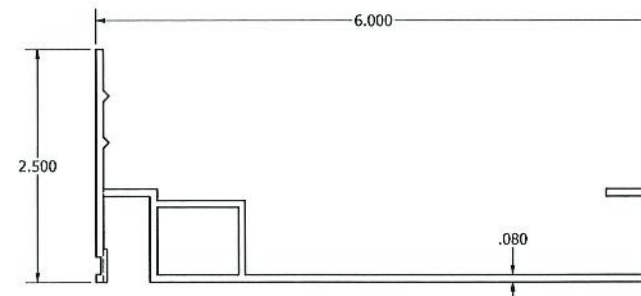
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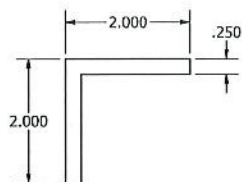
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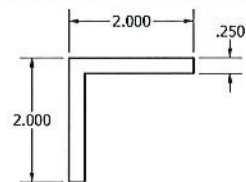
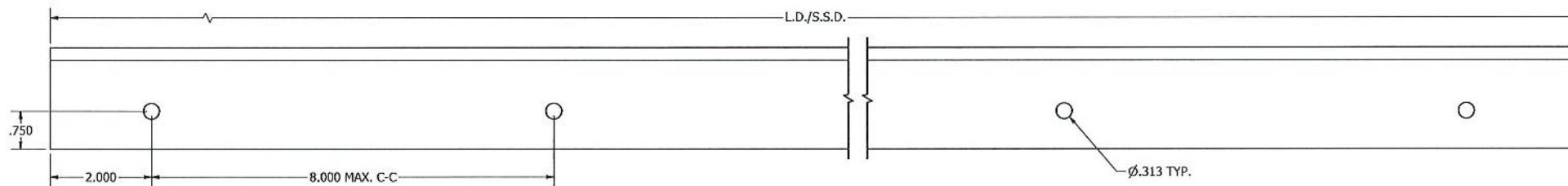
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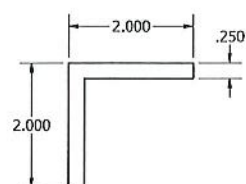
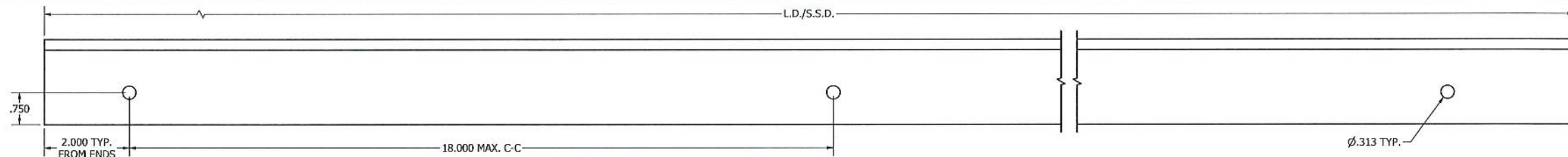
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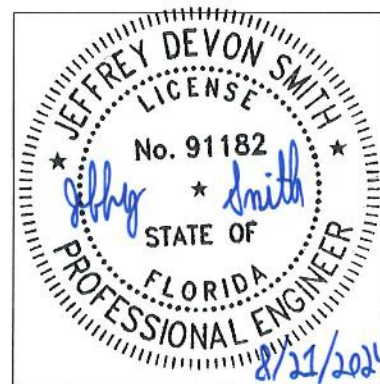
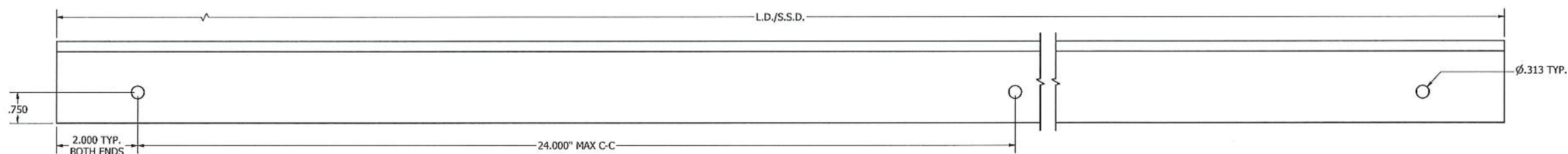
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CONT. RETAINING ANGLE ITEM #33  
RELIABLE #85-023168-00B



CONT. RETAINING ANGLE ITEM #34  
RELIABLE #85-023168-00B



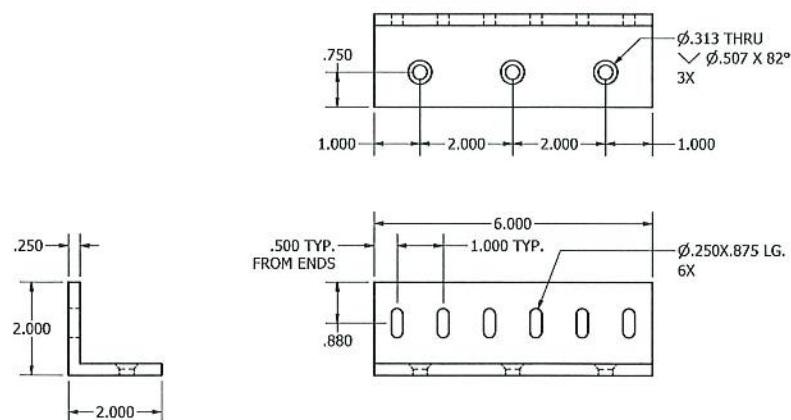
JEFFREY DEVON SMITH, P.E.  
NO. 91182

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1116.18  
Expiration Date 07/09/2026  
By *[Signature]*  
Miami-Dade Product Control

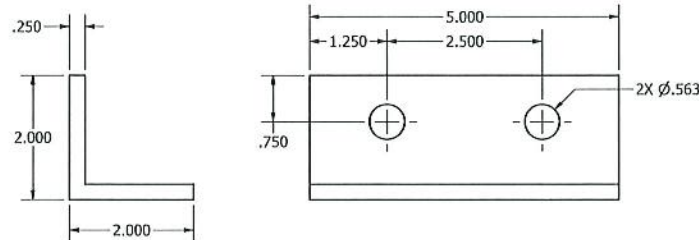
UNLESS OTHERWISE SPECIFIED, USE STD.  
ENGINEERING TOLERANCES PER WIQ-007

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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				
APPROVED						
MATERIAL						
PRODUCT	6375DC					
TITLE	6375DC - PARTS - 100PSF					
SIZE	D	60-022283-00B				REV D
SCALE	NONE					
ECH	XXXXX					
INVENTOR						
SHEET	13					OF 29

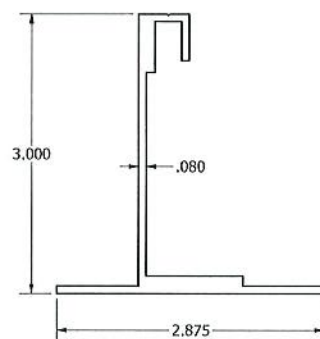




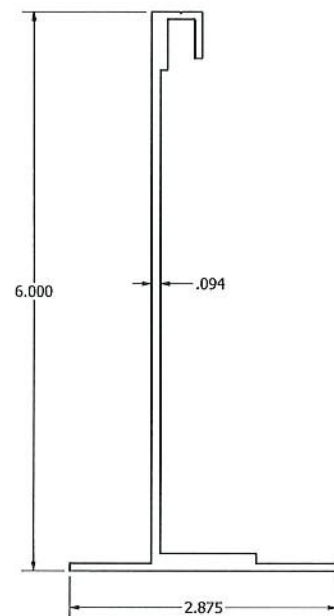
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RELIABLE # TBD



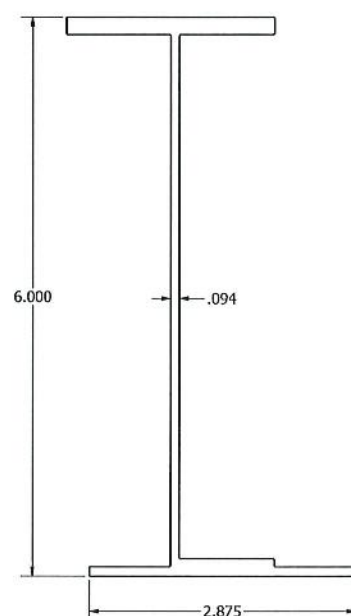
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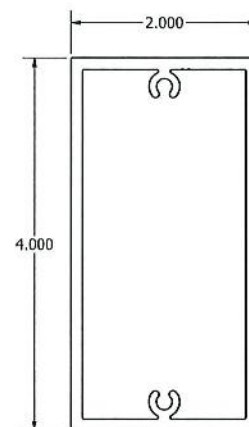
3" DOUBLE FLANGE  
ITEM #38



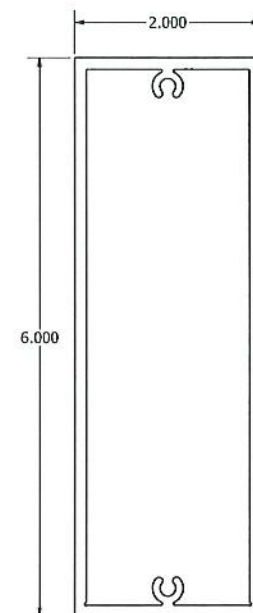
6" DOUBLE FLANGE  
ITEM #39



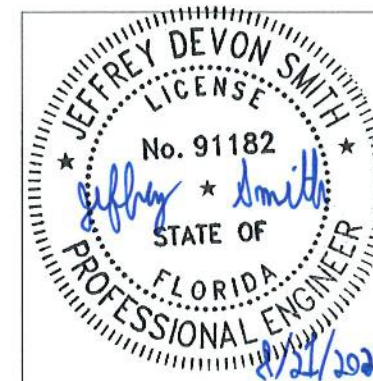
6" I SHAPE  
ITEM #40



2 X 4 X 1/8" TUBE SUPPORT  
ITEM #41



2 X 6 X 1/8" TUBE SUPPORT  
ITEM #42

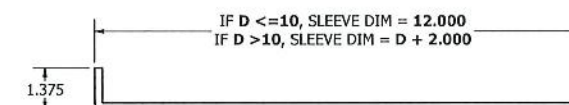


JEFFREY DEVON SMITH, P.E.  
NO. 91182

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NOA-No. 23-1116.18

Expiration Date 07/09/2026

By *[Signature]*  
Miami-Dade Product Control



FRONT FLANGE UNIVERSAL SLEEVE  
ITEM #31

TABLE 9A - 6375DC - WALL FASTENER TABLE (N.I.C.) - FOR HEAD/SILL COUNTERSUNK ATTACHMENT - 100PSF - ITEM 27

SUBSTRATE TYPE	MIN. SUBSTRATE REQUIREMENTS	FASTENER TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	FASTENER QTY. PER 6" LG. ANGLE
STEEL	MIN 14 GA	1/4"-20 A307 GRADE A BOLT, W/WASHER & LOCKNUT	N/A	1/2"	3
	MIN 12 GA	1/4"-20 A307 GRADE A SCREW	N/A	1/2"	3
ALUMINUM	MIN 1/8" THICK	1/4"-20 A307 GRADE A BOLT, W/WASHER & LOCKNUT	N/A	1/2"	3
	MIN 3/16" THICK	1/4"-20 A307 GRADE A SCREW	N/A	1/2"	3
CONCRETE	4000 PSI MIN. COMP. STRENGTH (UNCRACKED)	1/4" DIA HILTI KWIK BOLT 3 EXPANSION ANCHOR	1 1/2"	4"	2

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ENGINEERING TOLERANCES PER W1Q-007

D	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	XXX	XXX	XXX	08/14/24
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 & WALL FASTENER TABLE - 100PSF					
SIZE	D		DWG NO	60-022283-00B	REV	D
SCALE	NONE		INVENTOR		SHEET	14 OF 29



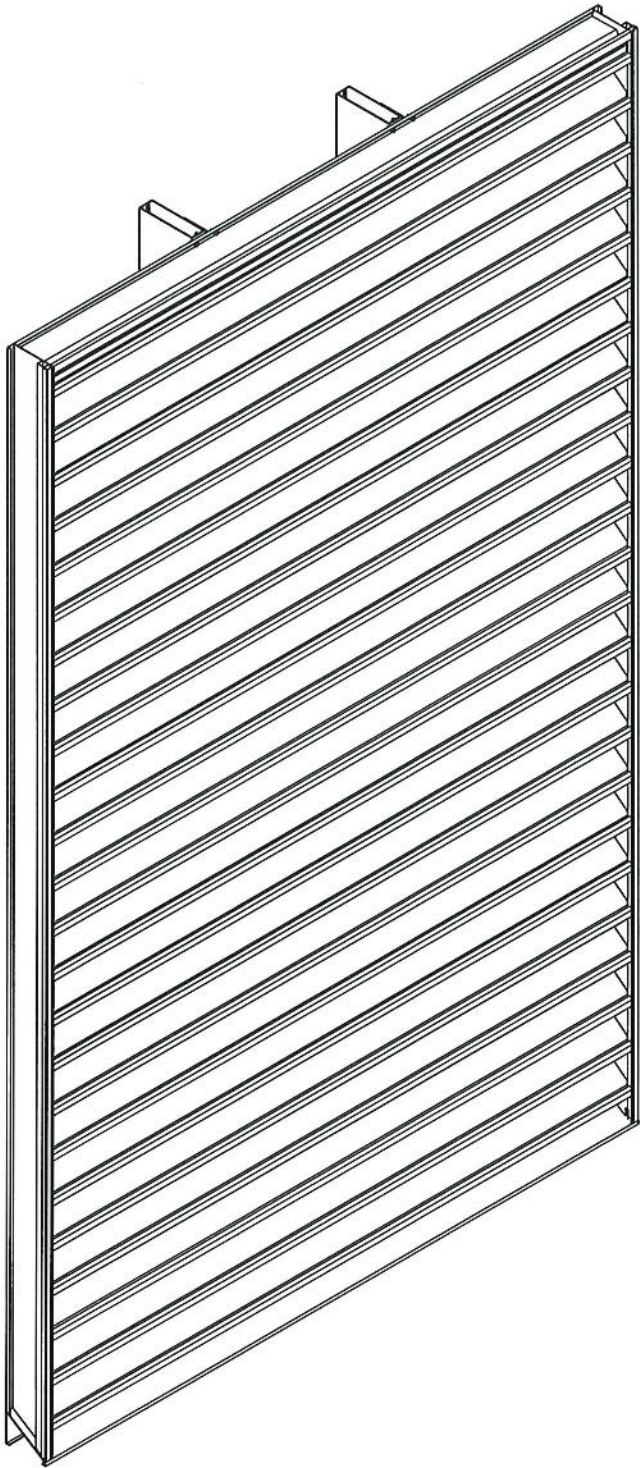
TABLE 10 - PARTS LIST FOR 150PSF 6375DC			
ITEM #	DESCRIPTION	MATERIAL	ALLOY
1	HEAD FRAME	0.080" THK. EXTRUDED ALUM.	6063-T6
2	SILL FRAME	0.125" THK. EXTRUDED ALUM.	6063-T6
3	JAMB FRAME	0.080" THK. EXTRUDED ALUM.	6063-T6
4	DRAINABLE BLADE	0.080" THK. EXTRUDED ALUM.	6063-T6
5	BLADE BRACE	0.100" THK. EXTRUDED ALUM.	6063-T6
6	OFFSET TEE SUPPORT FOR BLADE	0.125" THK EXTRUDED ALUM.	6063-T6
7	1/4-20 X 3/4" HHB WITH WASHER AND LOCKNUT	PLTD STL	
8	SCREW 1/4"-14 X 1 1/2" LG HWH TEK3	410 SS/ZC	

TABLE 11 - MULTI-SECTION CONNECTION PARTS			
ITEM #	DESCRIPTION	MATERIAL	ALLOY
9	MULLION ATTACHMENT ANGLE	0.125" THK EXTRUDED ALUM.	6063-T6
10	FSNR KIT 3/8-16X3"LG W LOCKNUT	ZINC PLATED	-

TABLE 12 - INSTALLATION PARTS (SHIP LOOSE) - 150 PSF WINDLOAD			
ITEM #	DESCRIPTION	MATERIAL	ALLOY
11	CLIP ANG 2 X 2 X 1/4 X 6" LG PUNCHED STD	.25" THK. EXTRUDED ALUM.	6063-T6
12	CLIP ANG 2 X 2 X 1/4 X 6" LG PUNCHED CNTRS NK	.25" THK. EXTRUDED ALUM.	6063-T6
13	CLIP ANG 2 X 2 X 1/4 X 2" LG PUNCHED	.25" THK. EXTRUDED ALUM.	6063-T6
14	CLIP ANG 2 X 2 X 1/4 X 2" LG CNTRS NK	.25" THK. EXTRUDED ALUM.	6063-T6
15	STRUCTURAL ATTACHMENT ANGLE - HEAD/SILL	.375" THK. EXTRUDED ALUM.	6063-T6
16	CMU ATTACHMENT ANGLE - HEAD/SILL	.25" THK. FORMED ALUM.	3003-H14
17	CLIP ANG 2 X 2 X 1/4 X 6" LG PUNCHED STD	.25" THK. EXTRUDED ALUM.	6063-T6
18	ATTACHMENT ANGLE - JAMB	.25" THK. EXTRUDED ALUM.	6063-T6
19	CMU ATTACHMENT ANGLE - JAMB	.25" THK. FORMED ALUM.	3003-H14
20	SCREW 1/4"-14 X 1 1/2" LG HWH TEK3	410 SS/ZC PLT	
21	SCREW 1/4"-14 X 1 1/4" LG HWH TEK3	410 SS/ZC PLT	
22	SCREW 1/4"-14 X 1" LG HWH TEK3	410 SS/ZC PLT	
23	FSNR KIT 3/8-16X2"LG HHB BOLT W LOCKNUT	ZINC PLT	
24	FSNR KIT 1/4-20X1.5"LG HHB BOLT W LOCKNUT	ZINC PLT	
25	SUBSTRATE FASTENER	REF TABLE 15/23 & 16/23	

TABLE 13 - PARTS - UNIVERSAL SLEEVE INSTALL			
ITEM #	DESCRIPTION	MATERIAL	ALLOY
26	HEAD FRAME W INTEGRAL FLANGE (FF)	.125" THK. EXTRUDED ALUM.	6063-T6
27	SILL FRAME W INTEGRAL FLANGE (FF)	.125" THK. EXTRUDED ALUM.	6063-T6
28	JAMB FRAME W INTEGRAL FLANGE (FF)	.080" THK. EXTRUDED ALUM.	6063-T6
29	UNIVERSAL SLEEVE	.190" THK. FORMED ALUM.	3003-H14
30	CONT. RETAINING ANGLE - HEAD/SILL	.25" THK. EXTRUDED ALUM.	6063-T6
31	CONT. RETAINING ANGLE - JAMBS	.25" THK. EXTRUDED ALUM.	6063-T6
32	UNIVERSAL SLEEVE ATTACHMENT ANGLE	.25" THK. EXTRUDED ALUM.	6063-T6
33	SCR 1/4X1 HWH TEK 410/ZC	410 SS/ZC PLT GR 2	
34	1/2-13 X 3.5" LG. SAE GRADE 5 HHB W/WASHER & LOCKNUT	ZINC PLT	

TABLE 14 - H.V.B.S. / MULLION SUPPORTS OPTIONS BASED ON SECTION HEIGHT				
ITEM #	DESCRIPTION	LOUVER HEIGHT RANGE	MATERIAL	ALLOY
35	3" ALUM. H.V.B.S.	UP TO 33" TALL	EXT. ALUM.	6063-T6
36	6" ALUM. H.V.B.S.	GREATER THAN 33" TO 48"	EXT. ALUM.	6063-T6
37	6" ALUM. "I" H.V.B.S.	GREATER THAN 48" TO 63"	EXT. ALUM.	6063-T6
38	2X4 TUBE H.V.B.S.	GREATER THAN 63" TO 71"	EXT. ALUM.	6063-T6
39	2X6 TUBE H.V.B.S.	GREATER THAN 71" TO 94"	EXT. ALUM.	6063-T6
40	2X8 TUBE H.V.B.S.	GREATER THAN 94" TO 116"	EXT. ALUM.	6063-T6
41	2X8X1/4 TUBE H.V.B.S.	GREATER THAN 116" TO 144"	EXT. ALUM.	6063-T6



6375DC LOUVER - FOR 150 PSF WINDLOAD


NOTES

1. THE 6375DC HAS BEEN TESTED IN ACCORDANCE WITH FLORIDA PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT, UNIFORM PRESSURE AND CYCLIC WIND PRESSURE.
2. THIS LOUVER SYSTEM IS APPROVED FOR APPLICATIONS WITH DESIGN PRESSURES OF **± 150 PSF OR LESS**.
3. THIS LOUVER SYSTEM IS NON-BEARING AND IS NOT DESIGNED TO WITHSTAND BUILDING DEAD LOADS.
4. IT SHALL BE RESPONSIBILITY OF PERMIT HOLDER/BUILDING DESIGN ENGINEER OF RECORD TO VERIFY THE STRUCTURAL INTEGRITY OF THE STRUCTURE TO SUPPORT THE LOADS IMPOSED BY THIS LOUVER SYSTEM.
5. MAXIMUM SINGLE SECTION SIZE IS **90" WIDE X 144" HIGH**.
6. MAXIMUM ASSEMBLED LOUVER SIZE : **UNLIMITED WIDE X 144" HIGH**.
7. SECTIONS OR ASSEMBLIES MAY BE STACKED VERTICALLY PROVIDED A SUITABLE STRUCTURAL SUPPORT IS DESIGNED AND INSTALLED BY OTHERS TO SUPPORT ALL LOADS TRANSFERRED FROM THE LOUVER.
8. THIS LOUVER SYSTEM IS TO BE INSTALLED IN LOCATIONS WHERE THE ROOM BEHIND THE LOUVER IS DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM AND THE ROOM WILL HOUSE WATER RESISTANT / WATER PROOF EQUIPMENT, COMPONENTS OR SUPPLIES.
9. ALL CMU BLOCKS MUST BE GROUT FILLED. MIN. PRISM STRENGTH OF 1500 PSI AT TIME OF INSTALLATION. CMU BLOCKS MUST BE MIN. TYPE 1, GRADE N, LIGHT, MEDIUM OR NORMAL WEIGHT PER ASTM C90. GROUT AND MORTAR MUST COMPLY WITH FLORIDA BUILDING CODE.
10. PART NUMBERS WITH SQUARE BALLOONS ARE **"SHIP LOOSE PARTS"**.
11. ALL FASTENERS SHALL BE CORROSION RESISTANT.



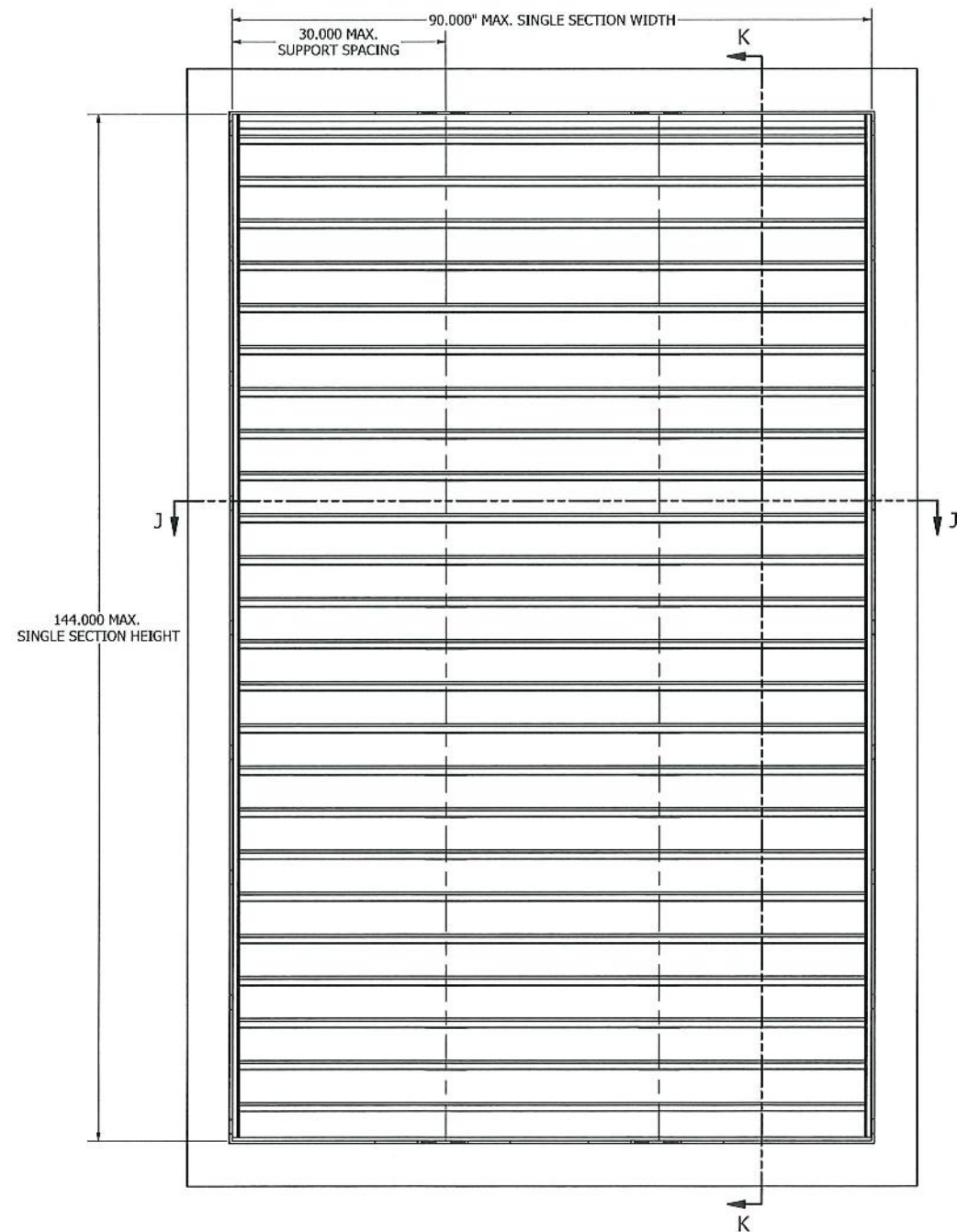
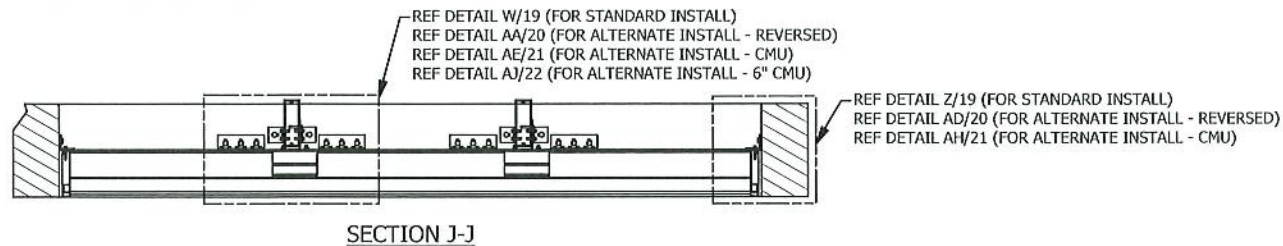
JEFFREY DEVON SMITH, P.E.  
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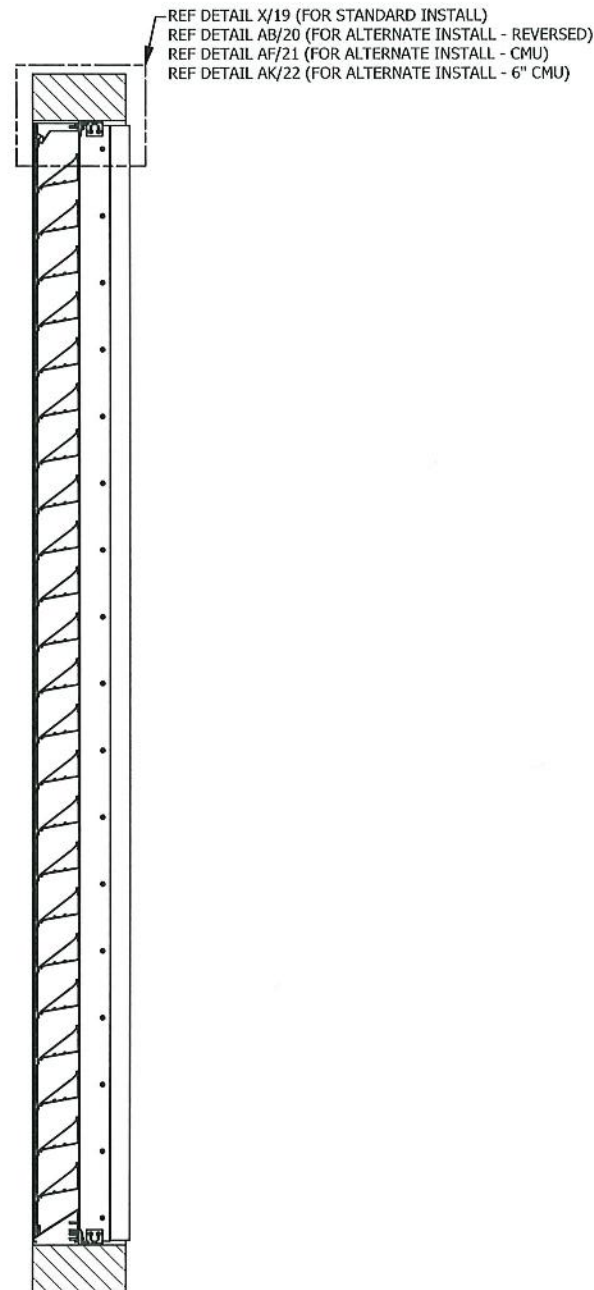
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B	REV'D ENGINEER OF RECORD & NOTES		CJD	SDL	MMM		10/23/17
REV	DESCRIPTION		BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012					
CHECKED	DRP	3/23/2012					
APPROVED	DRP	3/23/2012					
APPROVED			1300 Enterprise Road, Geneva, Alabama 36340 PROPRIETARY AND CONFIDENTIAL				
MATERIAL			PRODUCT 6375DC				
			TITLE NOTES, PARTS LIST & ISO VIEW - 150PSF				
			SIZE D		DWG NO 60-022283-00B		REV D
ECN XXXXXX			SCALE NONE		INVENTOR		SHEET 15 of 29

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**ASSEMBLY "C" - SINGLE SECTION VIEW - FOR WINDLOAD - 150PSF - PERIMETER ATTACHMENT**  
 LOUVER SIZE - 90" W X 144" H

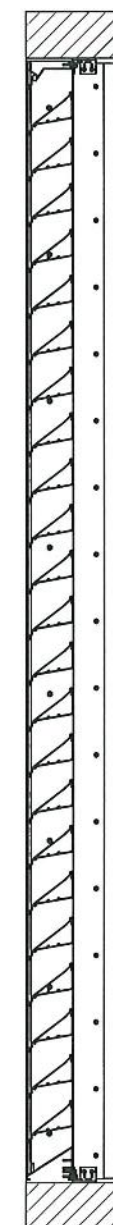


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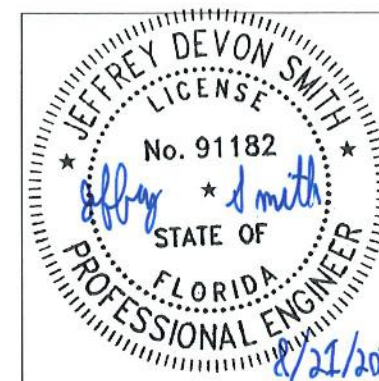
**PRODUCT REVISED**  
 as complying with the Florida  
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 Expiration Date 07/09/2026  
 By *[Signature]*  
 Miami-Dade Product Control

D	REV'D ENGINEER OF RECORD, UPDATED INFO.		NS	XXX	XXX	XXX	08/14/24
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	 1300 Enterprise Road, Geneva, Alabama 36340 PROPRIETARY AND CONFIDENTIAL				
CHECKED	DRP	3/23/2012					
APPROVED	DRP	3/23/2012					
APPROVED			PRODUCT	6375DC			
MATERIAL			TITLE ASSEMBLY "C" - SINGLE SECTION ASSEMBLY - 150PSF				
			SIZE D	DWG NO	60-022283-00B		REV D
SCALE NONE			INVENTOR		SHEET 16 of 29		

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SECTION M-M



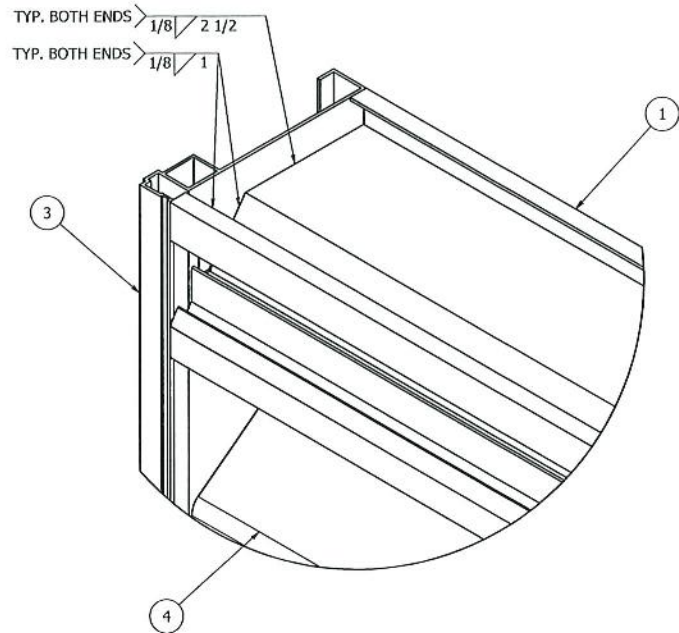
JEFFREY DEVON SMITH, P.E.  
NO. 91182

By   
Miami-Dade Product Control

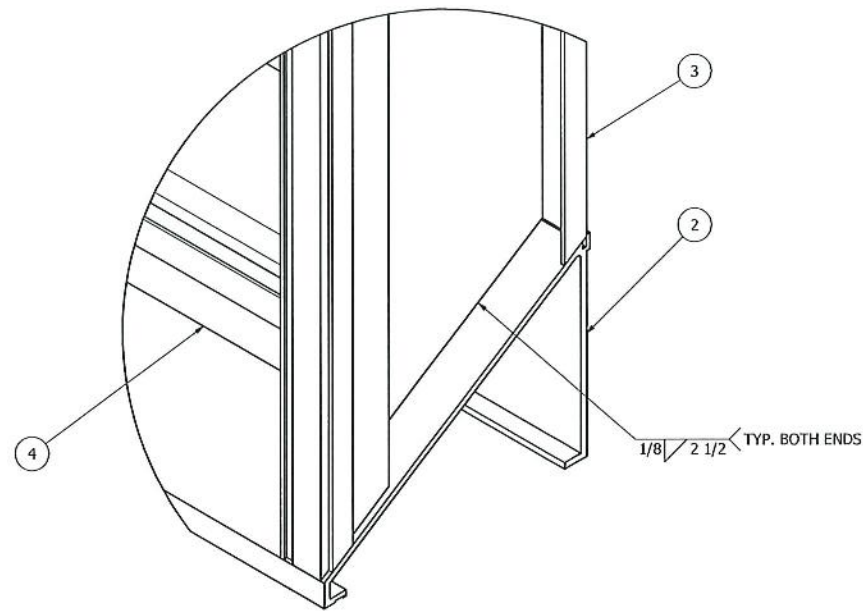
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C	REV'D ENGINEER OF RECORD, UPDATED INFO.		NS	JDS	WRT	MMM	09/25/20
B	REV'D ENGINEER OF RECORD & NOTES		CJD	SDL	MMM		10/23/17
REV	DESCRIPTION		BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012	 1300 Enterprise Road, Geneva, Alabama 36340 PROPRIETARY AND CONFIDENTIAL				
CHECKED	DRP	3/23/2012					
APPROVED	DRP	3/23/2012					
APPROVED							
MATERIAL			PRODUCT 6375DC				
TITLE			ASSEMBLY "C" - MULTI SECTION ASSEMBLY - 150PFS				
SIZE D			DWG NO			REV D	
SCALE NONE			60-022283-00B				
ECON XXXXX			INVENTOR			SHEET 17 of 29	

UNLESS OTHERWISE SPECIFIED, USE STD.  
ENGINEERING TOLERANCES PER WIQ-007

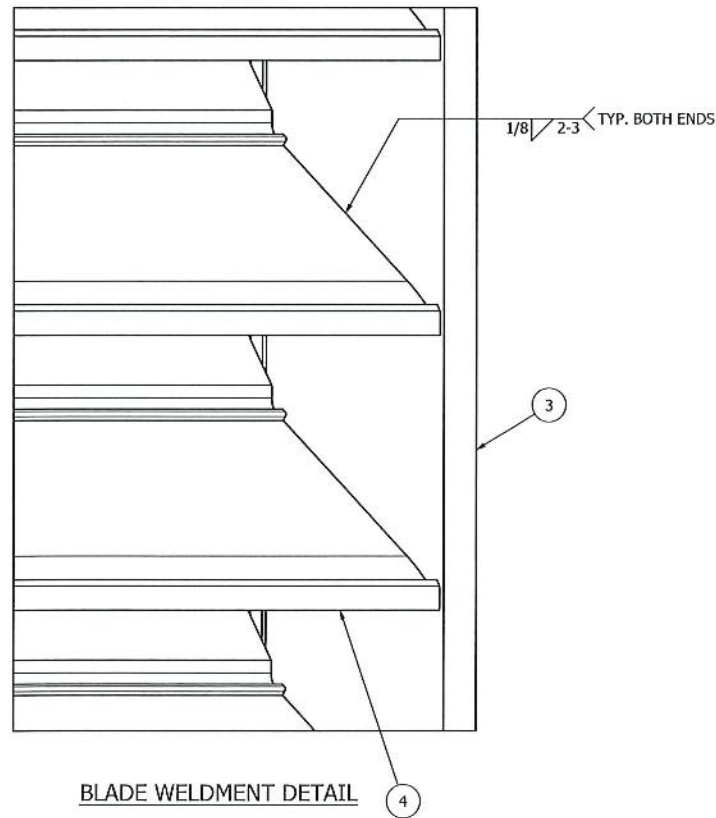




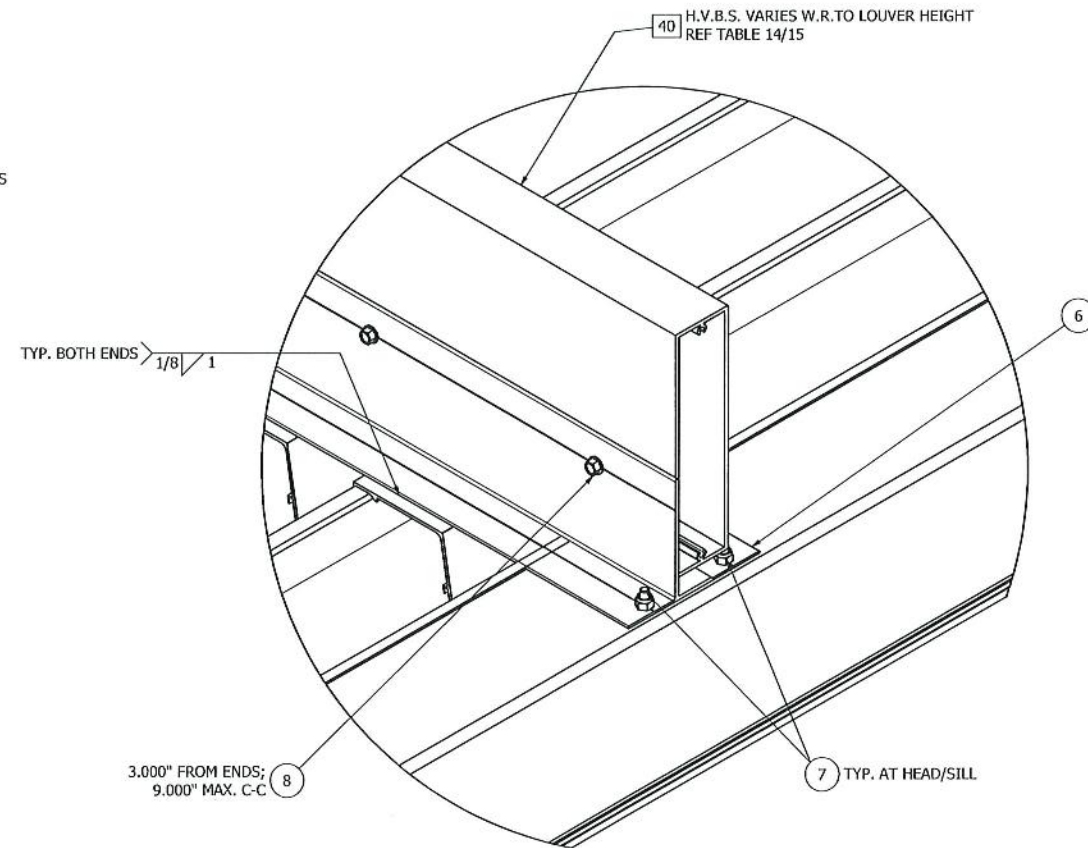
HEAD FRAME CONNECTION DETAIL



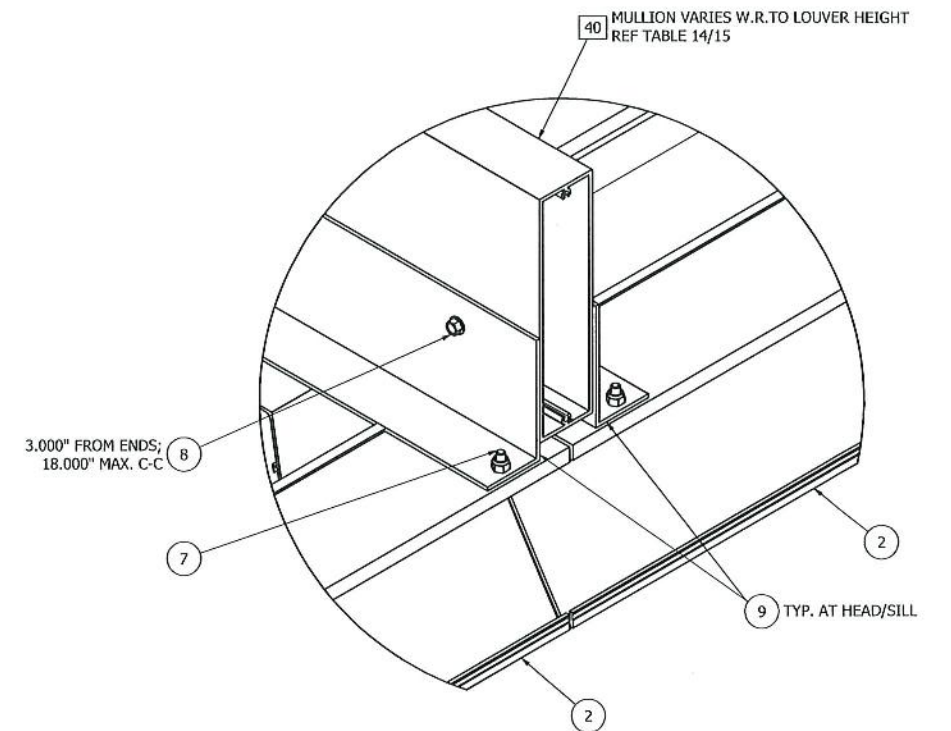
SILL FRAME CONNECTION DETAIL



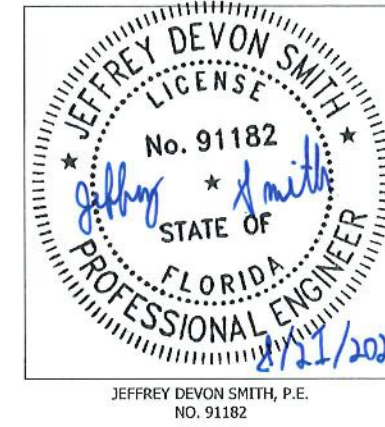
BLADE WELDMENT DETAIL



H.V.B.S. ATTACHMENT DETAIL



MULLION ATTACHMENT DETAIL



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Building Code  
NOA-No. 23-1116.18  
Expiration Date 07/09/2026  
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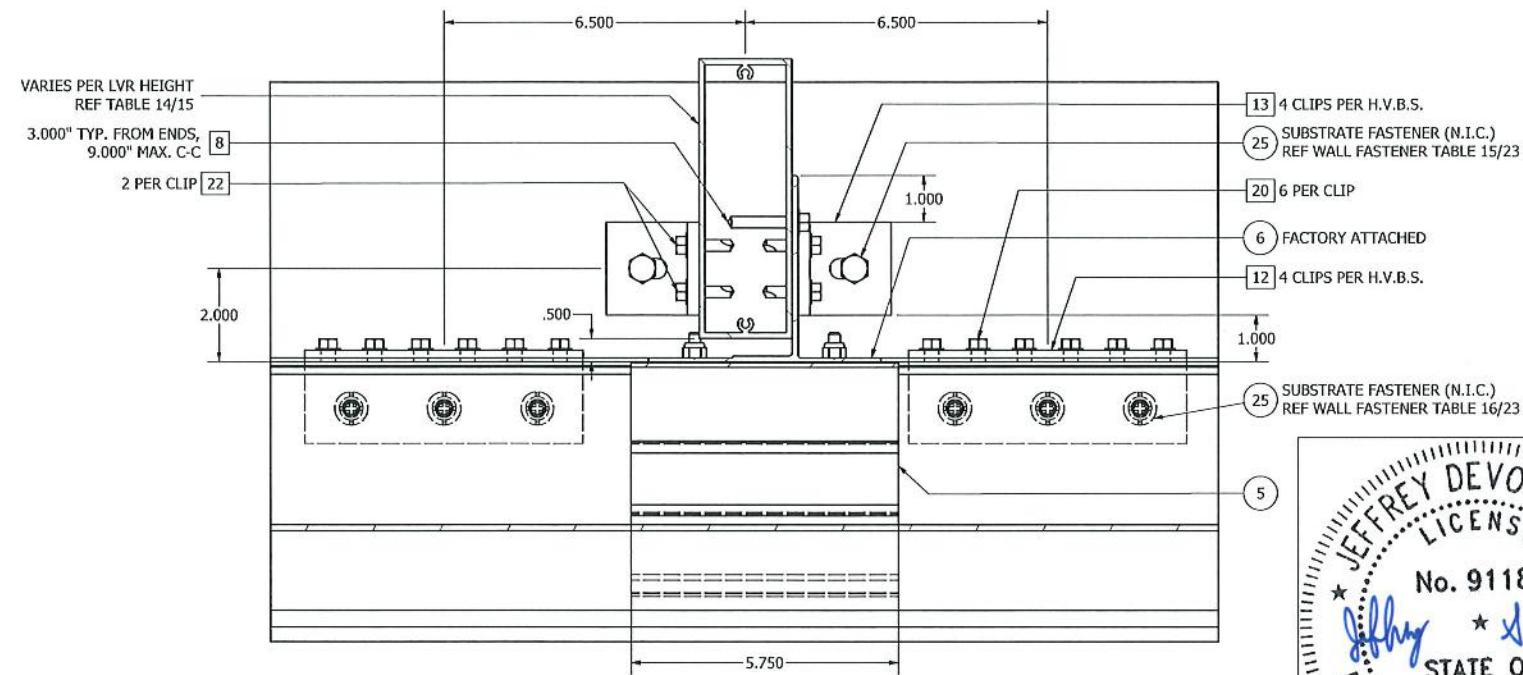
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C	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	JDS	WRT	MMM	09/25/20
B	REV'D ENGINEER OF RECORD & NOTES	CJD	SDL	MMM		10/23/17
REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012				
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
<div> <div> </div> <div> 1300 Enterprise Road, Geneva, Alabama 36340 PROPRIETARY AND CONFIDENTIAL </div> </div>						
PRODUCT		6375DC				
TITLE		STANDARD LOUVER BUILD DETAILS				
SIZE	D	DTG NO	60-022283-00B		REV	D
SCALE	NONE		INVENTOR	SHEET 18 of 29		

UNLESS OTHERWISE SPECIFIED, USE STD.  
ENGINEERING TOLERANCES PER WIQ-007

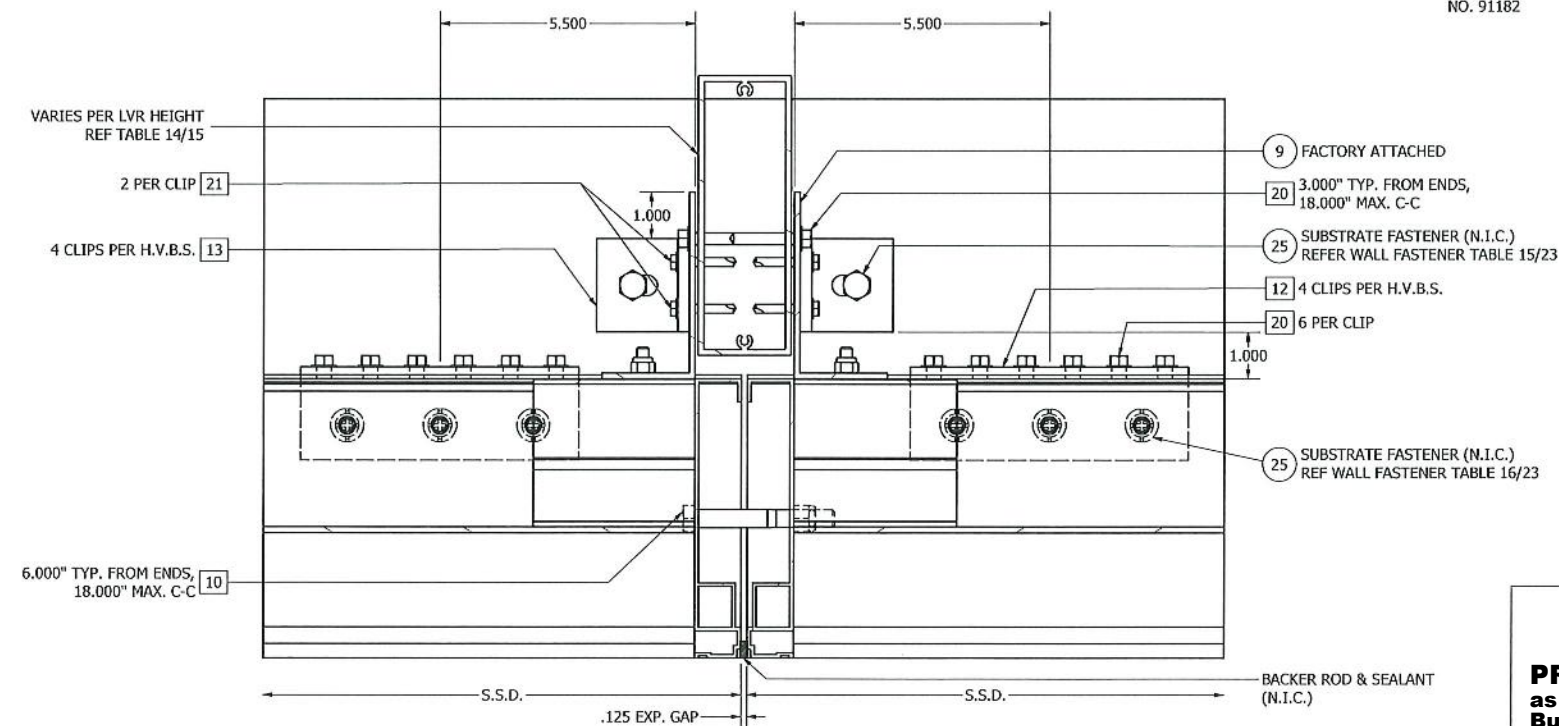




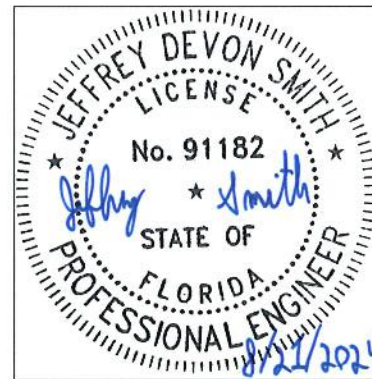




DETAIL AA  
ALTERNATE H.V.B.S. ATTACHMENT DETAIL @ HEAD/SILL  
(WOOD/METAL)

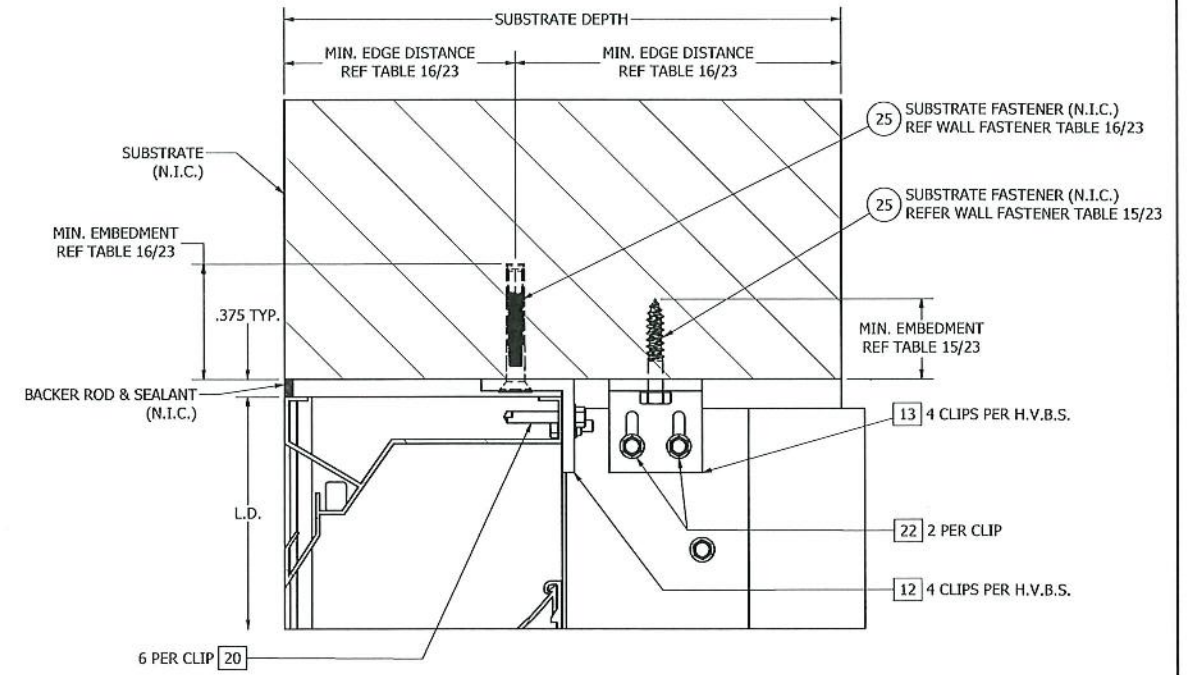


DETAIL AC  
ALTERNATE MULLION ATTACHMENT DETAIL @ HEAD/SILL  
(WOOD/METAL)

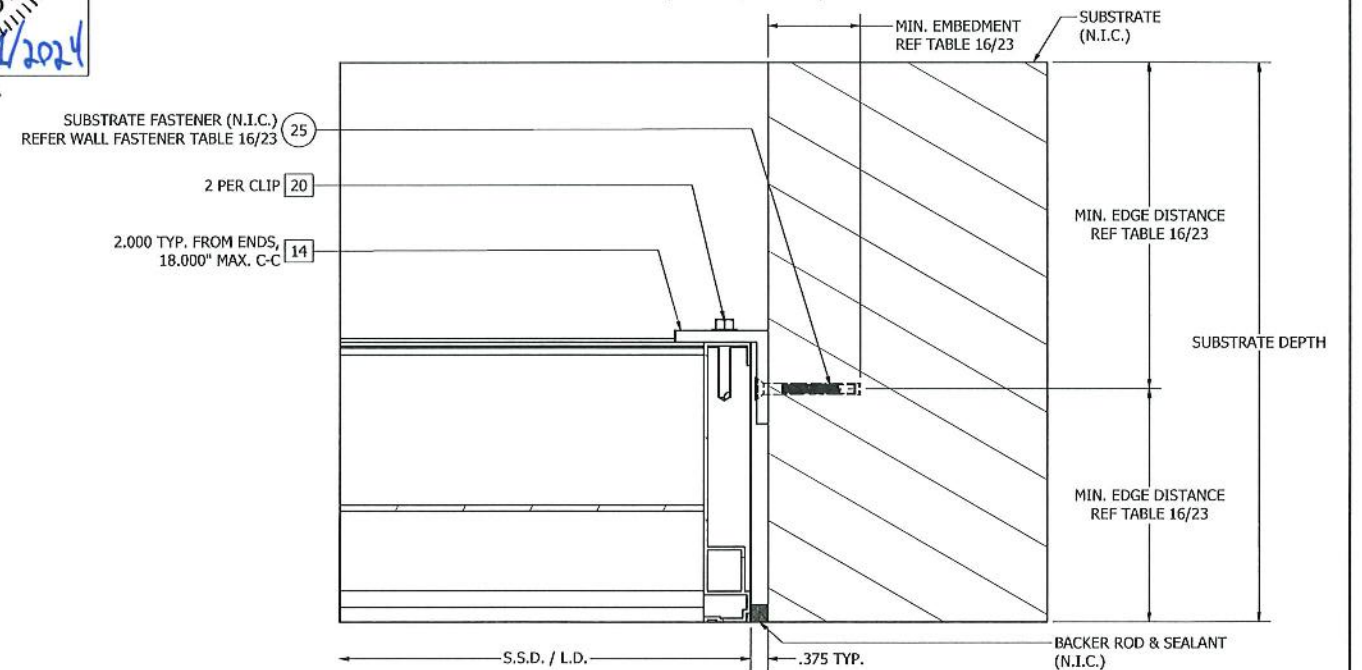


JEFFREY DEVON SMITH, P.E.  
NO. 91182

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DETAIL AB  
ALTERNATE H.V.B.S. ATTACHMENT DETAIL @ HEAD/SILL  
(WOOD/METAL)

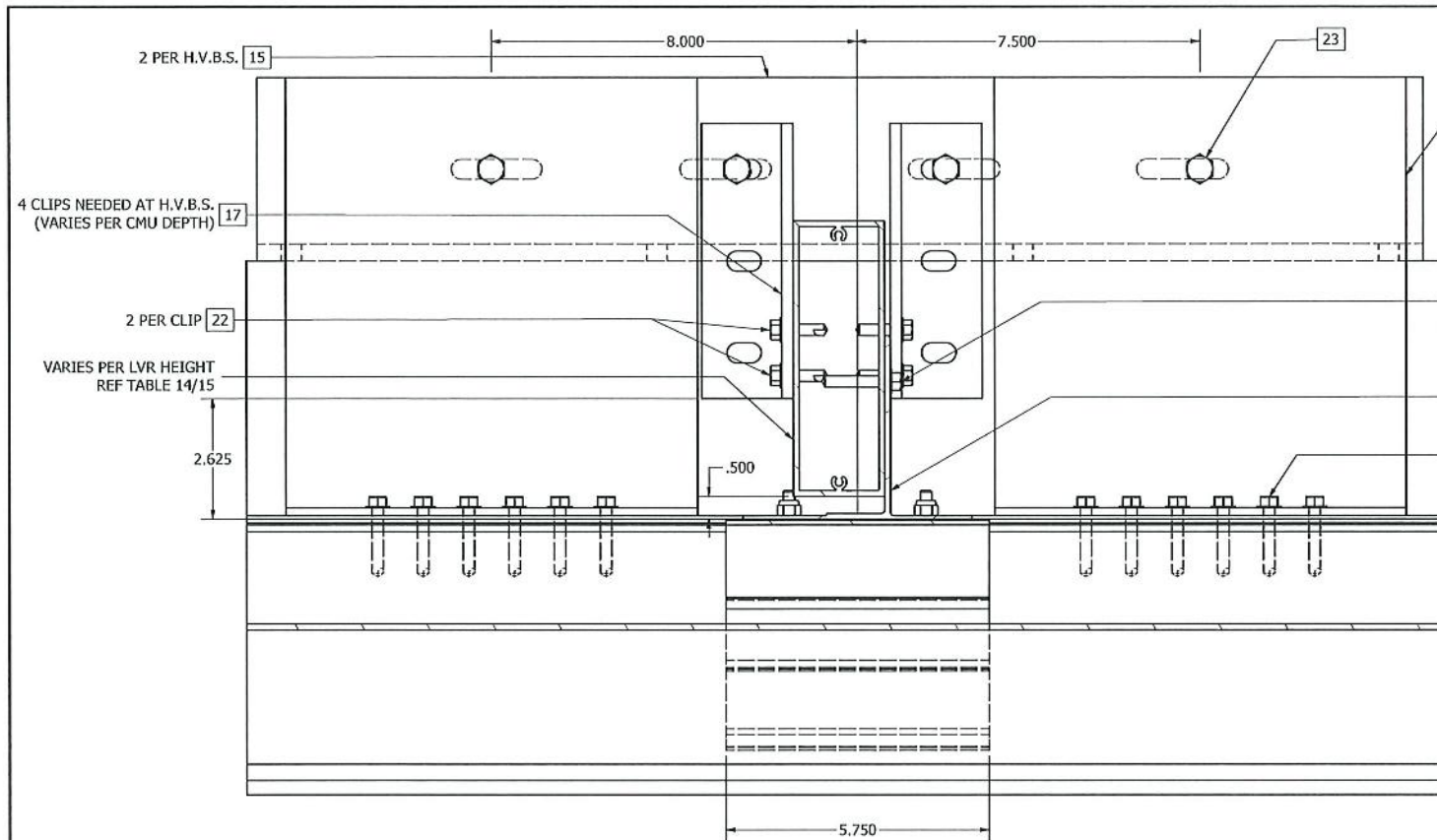


DETAIL AD  
ALTERNATE JAMB ATTACHMENT DETAIL  
(WOOD/METAL/CONCRETE/10" & 12" CMU)

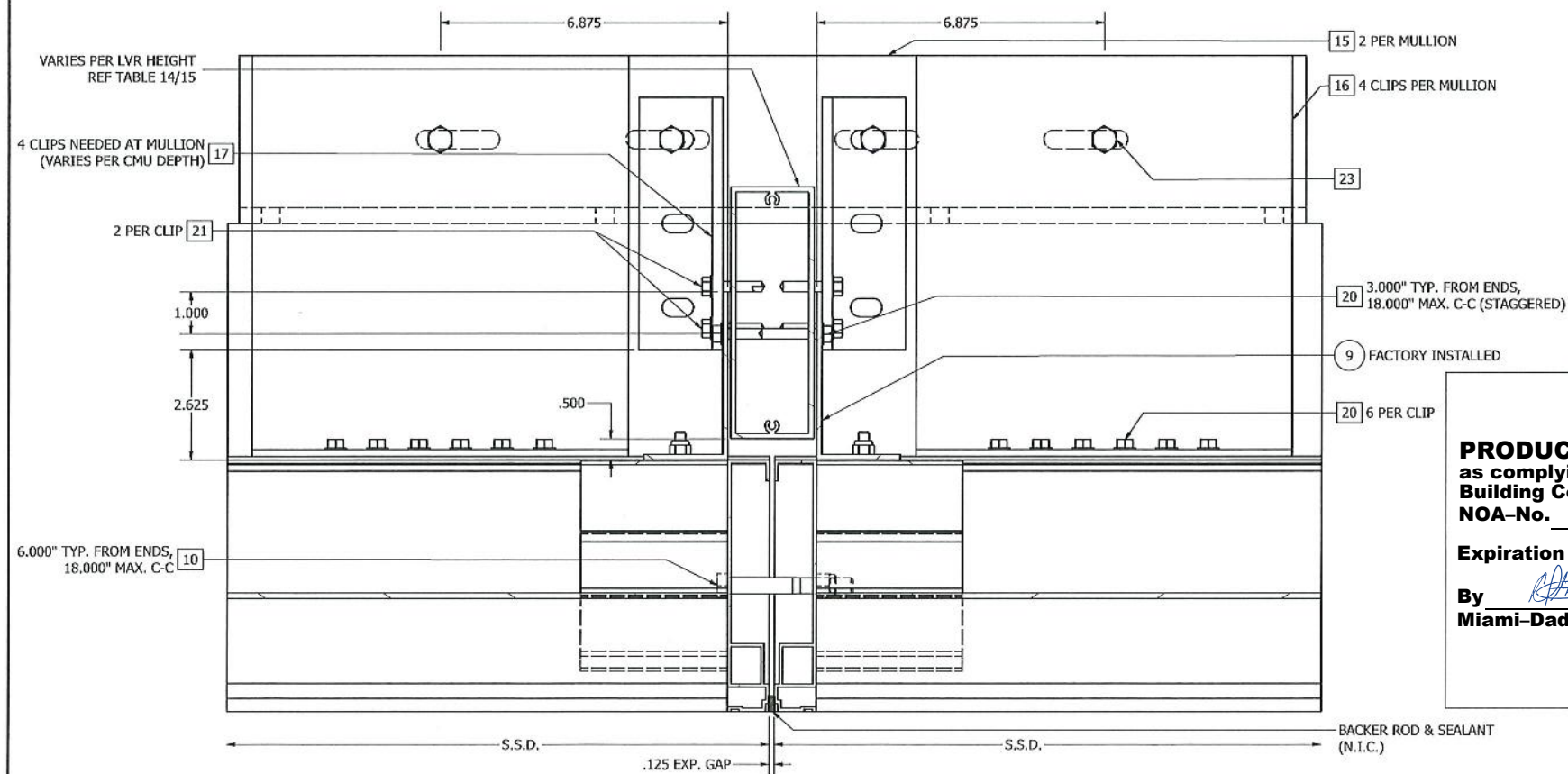
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REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012				
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
PRODUCT	6375DC					
TITLE	ASSEMBLY "C" - ALTERNATE INSTALLATION DETAILS - REVERSED					
SIZE	D	60-022283-00B				
SCALE	NONE					
INVENTOR						
SHEET	20	OF	29			

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ENGINEERING TOLERANCES PER WIQ-007

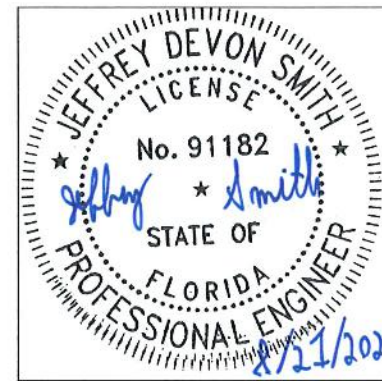




DETAIL AE  
ALTERNATE H.V.B.S. ATTACHMENT DETAIL @ HEAD/SILL  
(> 6" CMU)

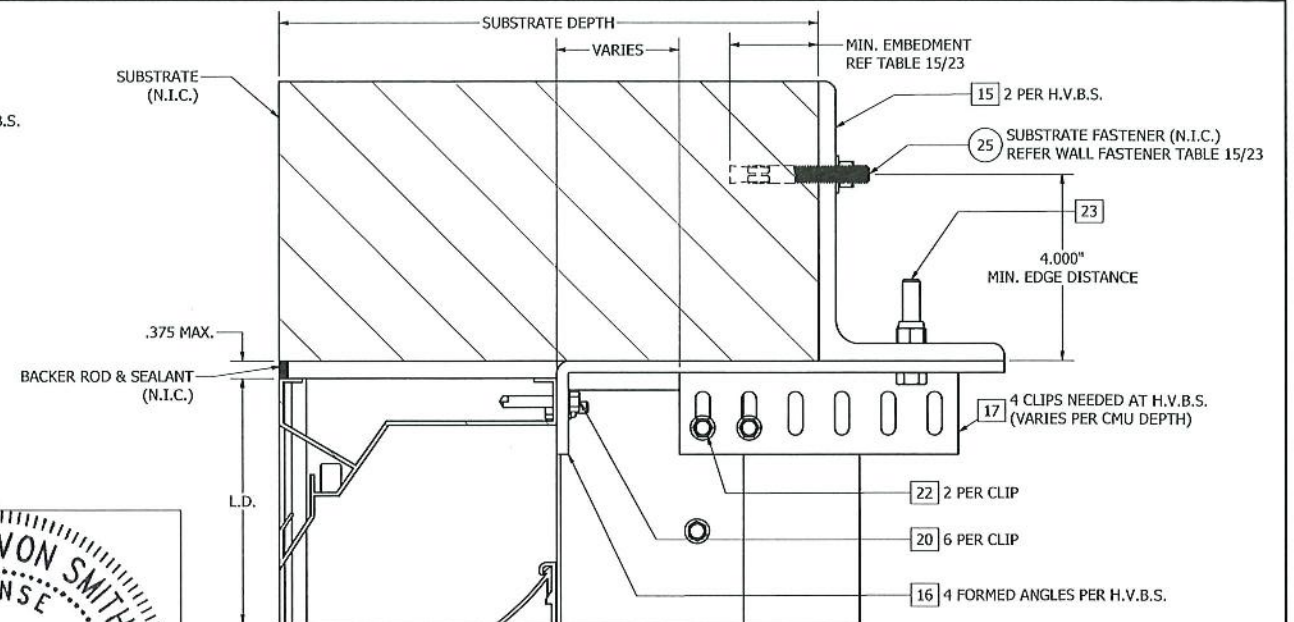


DETAIL AG  
ALTERNATE MULLION ATTACHMENT DETAIL @ HEAD/SILL  
(> 6" CMU)

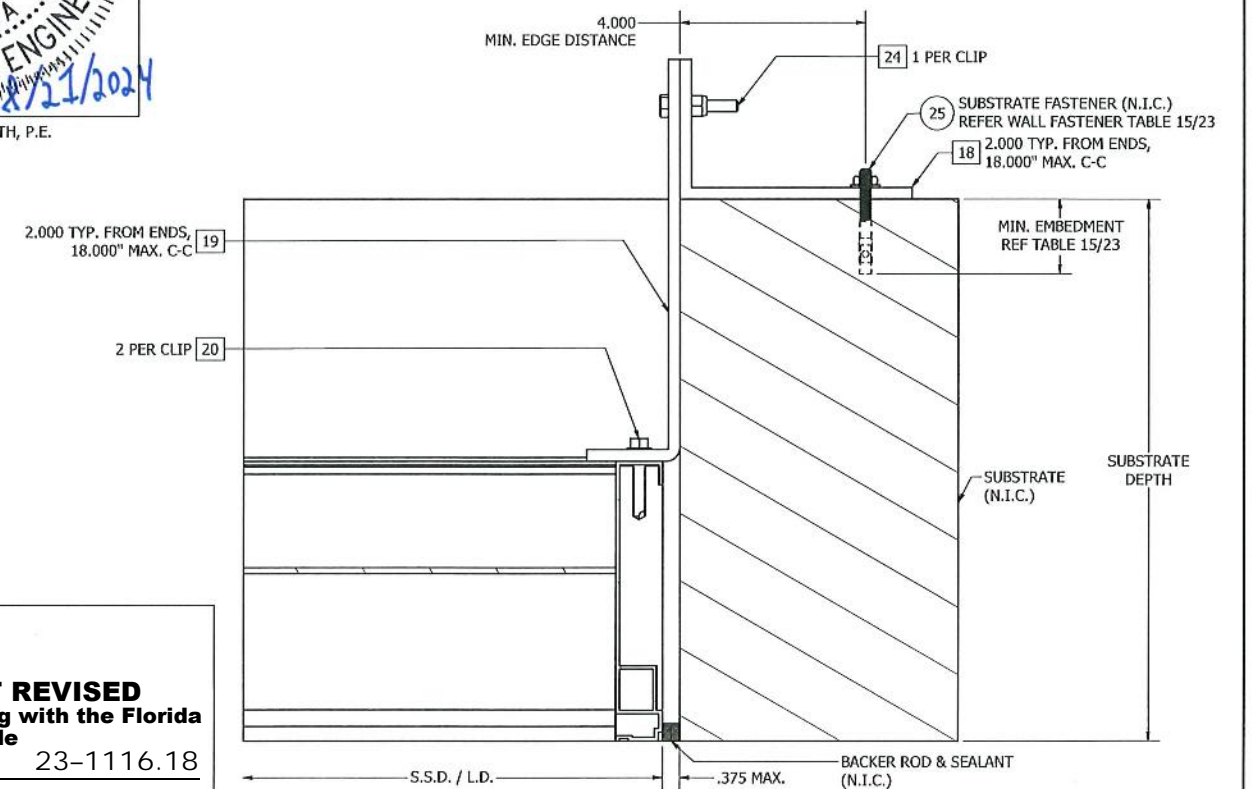


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NO. 91182

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Expiration Date 07/09/2026  
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DETAIL AF  
ALTERNATE H.V.B.S. ATTACHMENT DETAIL @ HEAD/SILL  
(> 6" CMU)

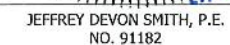
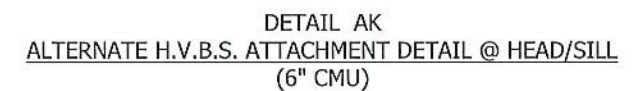
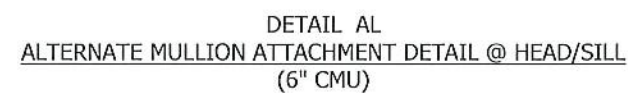
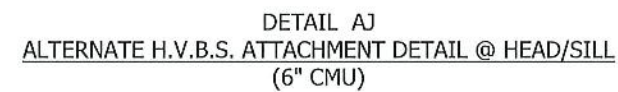


DETAIL AH  
ALTERNATE JAMB ATTACHMENT DETAIL  
(CMU SUBSTRATE - 8.5" DEPTH OR SMALLER)

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ENGINEERING TOLERANCES PER WIQ-007

D	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	XXX	XXX	XXX	08/14/24
REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012				
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
APPROVED						
MATERIAL						
	PRODUCT	6375DC				
	TITLE	ASSEMBLY "C" - ALTERNATE INSTALLATION DETAILS (>6" CMU)				
	SIZE	D	60-022283-00B	REV	D	
SCALE	NONE	INVENTOR	SHEET 21 OF 29			



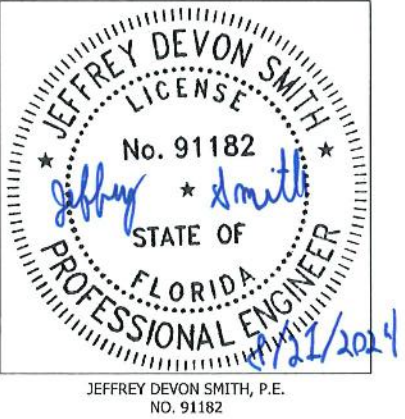


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TABLE 15 - 6375DC - WALL FASTENER TABLE (N.I.C.) - ITEM 25						
SUBSTRATE TYPE	MIN. SUBSTRATE REQUIREMENTS	LOCATION	FASTENER TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	FASTENER QTY
WOOD	SPECIFIC GRAVITY = 0.4	HVBS/MULLION SUPPORT	3/8" Ø A307 STEEL/STAINLESS STEEL BOLT, WASHER & LOCKNUT	3 THREADS BEYOND NUT	2 1/2"	2 PER 6" LG. ANGLE
			3/8" Ø X 2" LONG LAG SCREW, A307 STEEL/STAINLESS STEEL	1 3/4"	2 1/2"	3 PER 6" LG. ANGLE
		JAMBS	1/4" Ø A307 STEEL/STAINLESS STEEL BOLT, WASHER & LOCKNUT	3 THREADS BEYOND NUT	2 1/2"	1 PER 2" LG. ANGLE
			3/8" Ø X 2" LONG LAG SCREW, A307 STEEL	1 3/4"	2 1/2"	1 PER 2" LG. ANGLE
STEEL & ALUMINUM	STEEL - MIN. 14 GA ALUMINUM - MIN. 3/16" THICK	HVBS/MULLION SUPPORT	3/8" Ø A307 STEEL/STAINLESS STEEL BOLT, WASHER & LOCKNUT	3 THREADS BEYOND NUT	3/4"	2 PER 6" LG. ANGLE
			3/8" Ø SCREW, A307 STEEL/STAINLESS STEEL (THIS SCREW REQUIRES 12 GA STEEL)	3 THREADS BEYOND SUBSTRATE	3/4"	3 PER 6" LG. ANGLE
		JAMBS	5/16" Ø - 18 A307 STEEL/STAINLESS STEEL BOLT OR TEK SCREW	3 THREADS BEYOND NUT OR SUBSTRATE	1/2"	1 PER 2" LG. ANGLE
CONCRETE	4000 PSI MIN. COMP. STRENGTH (UNCRACKED)	HVBS/MULLION SUPPORT	1/2" Ø HILTI KWIK BOLT 3 ANCHOR	3 1/4"	4"	1 PER 6" LG. ANGLE
	3000 PSI MIN. COMP. STRENGTH (UNCRACKED)	JAMBS	1/4" Ø X 2" HILTI KWIK BOLT 3 ANCHOR	2"	4 1/2"	1 PER 2" LG. ANGLE
GROUT FILLED CMU	ASTM C-90 BLOCK, 1500 PSI GROUT COMP. STRENGTH (UNCRACKED)	HVBS/MULLION SUPPORT	3/8" Ø X 3 1/2" HILTI KWIK HUS EZ SCREW ANCHOR	3 1/4"	4"	4 PER SUPPORT ANGLE (ITEM 15)
		JAMBS (SINGLE ANGLE)	1/4" Ø X 3" HILTI KWIK HUS EZ W/WASHER	2 1/2"	4"	1 PER 2" LG. ANGLE
		JAMBS (DOUBLE ANGLE)	1/4" Ø X 3" HILTI KWIK HUS EZ W/WASHER	2 1/2"	4"	1 PER ANGLE (ITEM 18)



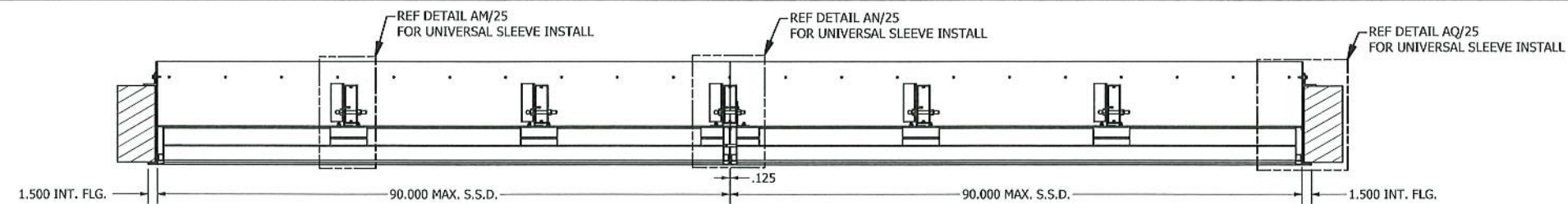
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1116.18  
Expiration Date 07/09/2026  
By   
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TABLE 16 - 6375DC - COUNTERSUNK FASTENER TABLE (N.I.C.) - ITEM 25						
SUBSTRATE TYPE	MIN. SUBSTRATE REQUIREMENTS	FASTENER TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	FASTENER QTY. PER 6" LG. ANGLE	FASTENER QTY. PER 2" LG. ANGLE
STEEL	14GA, 45 KSI TENSILE STRENGTH, 33 KSI YIELD STRENGTH	1/4-20 BOLT, SAE GRADE 5 / STAINLESS STEEL	3 THREADS BEYOND NUT	1/2"	3	1
	10GA, 45 KSI TENSILE STRENGTH, 33 KSI YIELD STRENGTH	1/4-20 SD SCREW, SAE GRADE 5 / STAINLESS STEEL	3 THREADS BEYOND SUBSTRATE THICKNESS			
ALUMINUM	1/8" THICK, 20 KSI TENSILE STRENGTH, 15 KSI YIELD STRENGTH	1/4-20 BOLT, SAE GRADE 5 / STAINLESS STEEL	3 THREADS BEYOND NUT	1/2"	3	1
	1/4" THICK, 20 KSI TENSILE STRENGTH, 15 KSI YIELD STRENGTH	1/4-20 SD SCREW, SAE GRADE 5 / STAINLESS STEEL	3 THREADS BEYOND SUBSTRATE THICKNESS			
CONCRETE	3000 PSI MIN. COMP. STRENGTH (UNCRACKED)	1/4" DIA HILTI KWIK BOLT 3 EXPANSION ANCHOR	2"	3"	N/A	1
GROUT FILLED CMU	ASTM C-90 BLOCK, 1500 PSI GROUT COMP. STRENGTH (UNCRACKED)	1/4" Ø X 3" HILTI KWIK HUS EZ W/WASHER	2 1/2"	4"	N/A	1

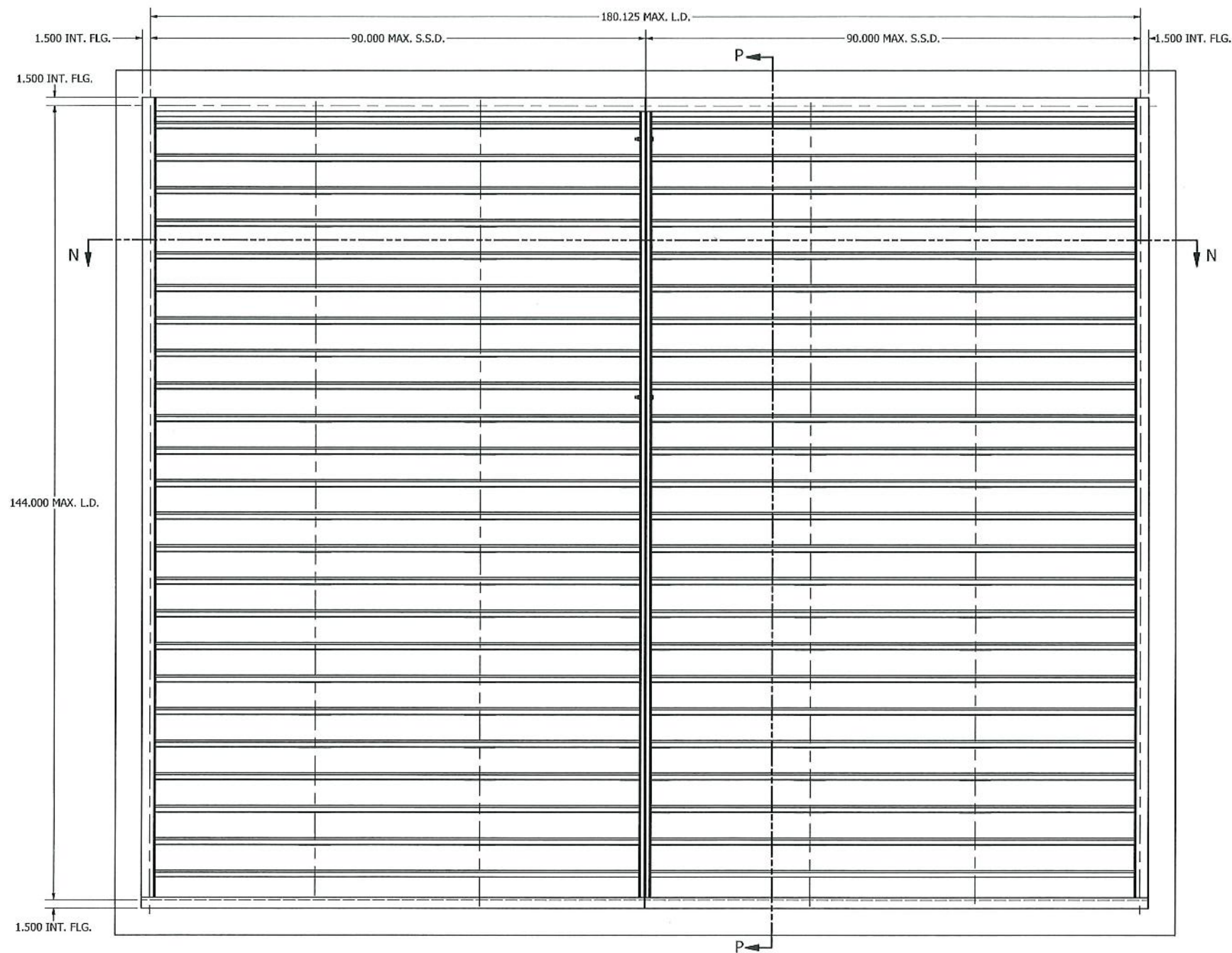
**NOTE FOR COUNTERSUNK ATTACHMENT:**  
MULTIPLE ANCHORS ARE ONLY FOR HVBS / MULLION ATTACHMENT.  
  
JAMB ATTACHMENT NEEDS ONLY ONE ANCHOR PER ANGLE  
BOLTS/SCREWS INTO JAMBS CAN BE A307 GR A

D	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	XXX	XXX	XXX	08/14/24
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	 1300 Enterprise Road, Geneva, Alabama 36340 PROPRIETARY AND CONFIDENTIAL			
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
APPROVED			PRODUCT 6375DC			
MATERIAL			TITLE WALL FASTENER TABLE			
SIZE	D		DWG NO	60-022283-00B	REV	D
SCALE	XXXXX		SCALE	NONE	INVENTOR	SHEET 23 OF 29

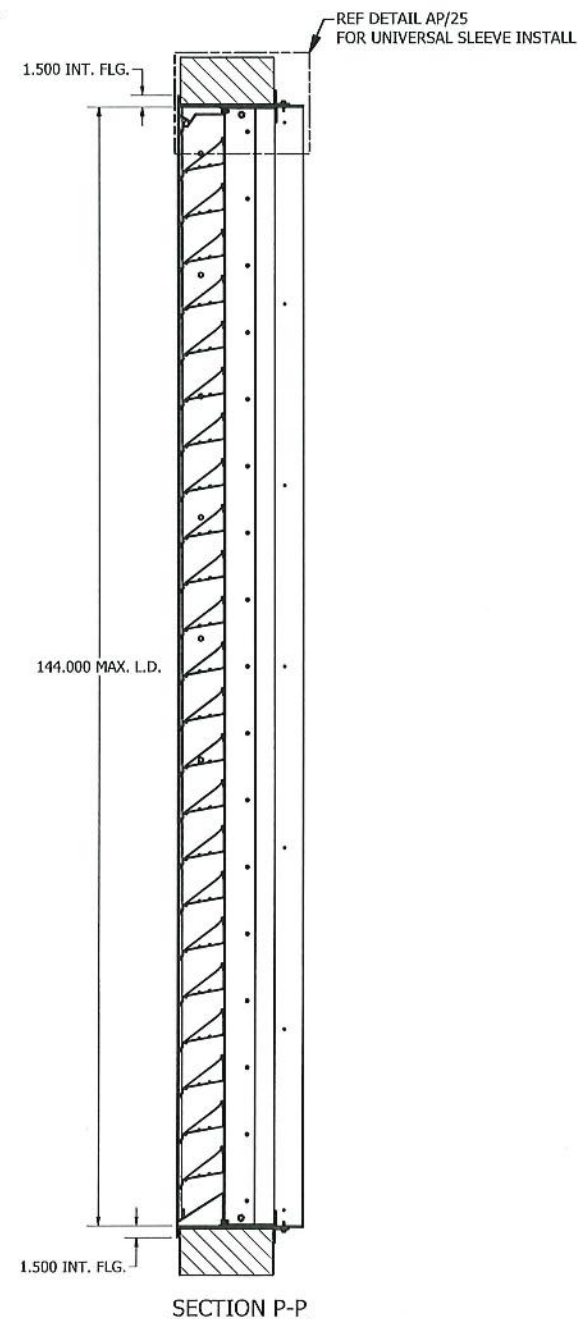




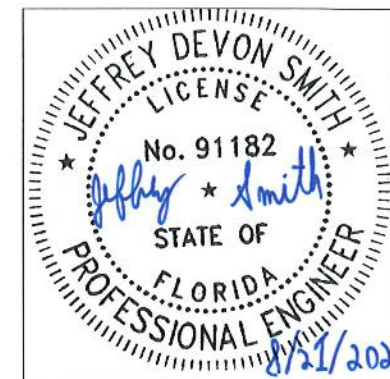
SECTION N-N



**ASSEMBLY "C" - MULTI SECTION ASSEMBLY - FOR 150PSF WINDLOAD - UNIVERSAL SLEEVE**  
180" W X 144" H



SECTION P-P

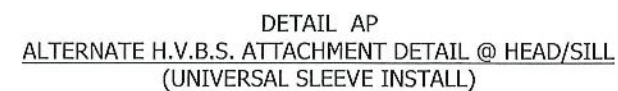
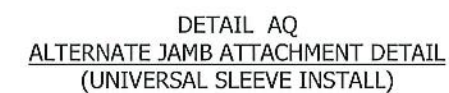
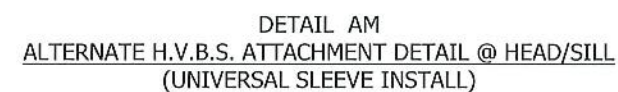


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NO. 91182

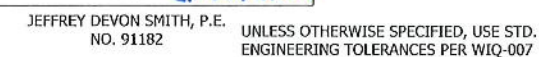
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NOA-No. 23-1116.18  
Expiration Date 07/09/2026  
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D	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	XXX	XXX	XXX	08/14/24
C	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	JDS	WRT	MMM	09/25/20
B	REV'D ENGINEER 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	UNIVERSAL SLEEVE ASSEMBLY					
SIZE	D	DRG NO	60-022283-00B	REV	D	
SCALE	XXXXX	SCALE	NONE	INVENTOR	SHEET 24 of 29	

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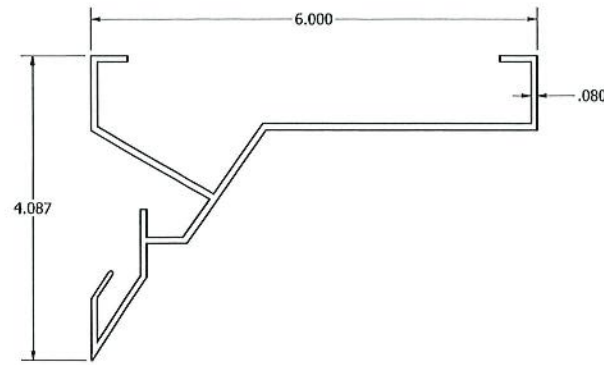


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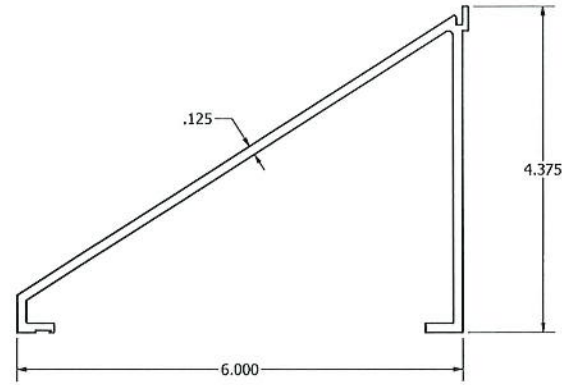


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C	REV'D ENGINEER OF RECORD, UPDATED INFO.		NS	JDS	WRT	MMM	09/25/20
B	REV'D ENGINEER OF RECORD & NOTES		CJD	SDL	MMM		10/23/17
REV	DESCRIPTION		BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012	 1300 Enterprise Road, Geneva, Alabama 36540 PROPRIETARY AND CONFIDENTIAL				
CHECKED	DRP	3/23/2012					
APPROVED	DRP	3/23/2012					
APPROVED							
MATERIAL		PRODUCT		6375DC			
		TITLE UNIVERSAL SLEEVE INSTALLATION DETAILS					
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				60-022283-00B			
SCALE		NONE		INVENTOR		SHEET 25 OF 29	
XXXXXX							

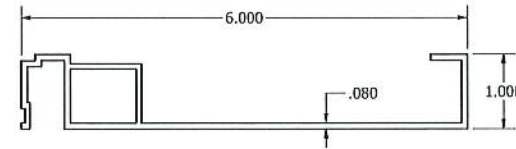




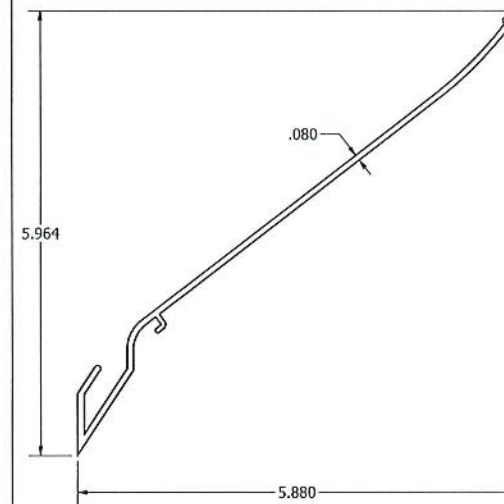
HEAD FRAME ITEM #01 (TABLE-10)  
RELIABLE #70-020578-00B



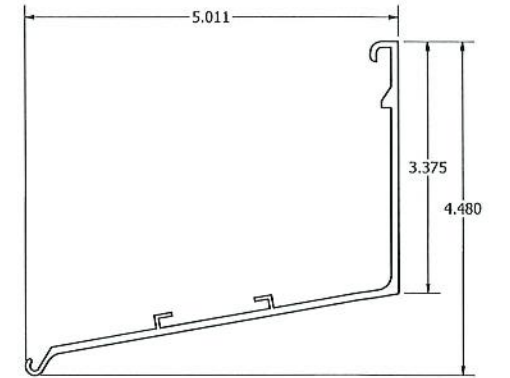
SILL FRAME ITEM #02 (TABLE-10)  
RELIABLE #70-021130-00B



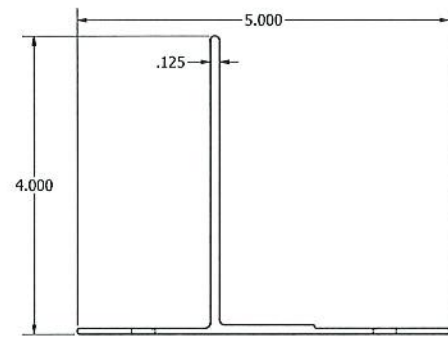
JAMB FRAME ITEM #03  
RELIABLE #70-020382-00B



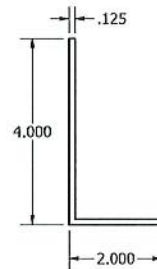
BLADE ITEM #04  
RELIABLE #70-020560-00B



BLADE BRACE ITEM #05  
RELIABLE #70-020568-00B

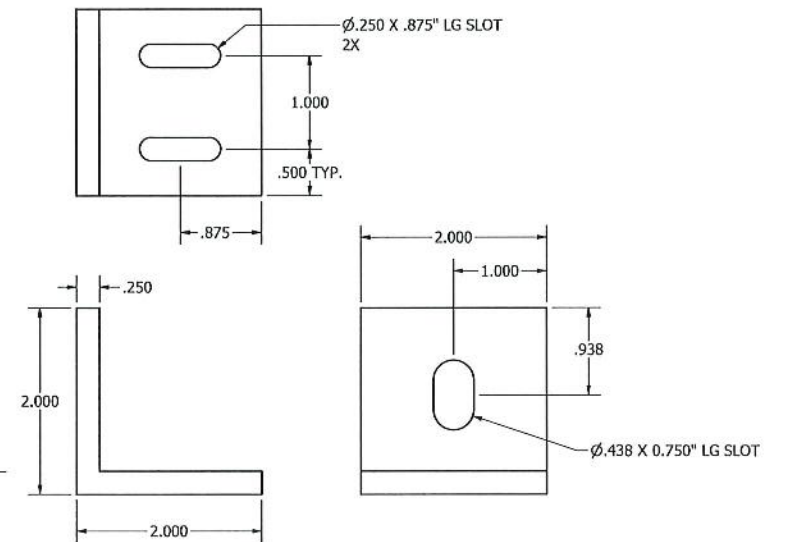
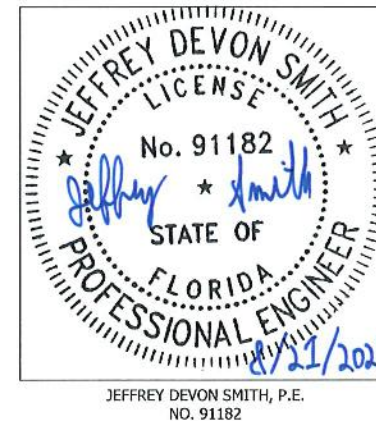


OFFSET TEE SUPPORT FOR BLADE ITEM #06  
RELIABLE # 70-024309-00B

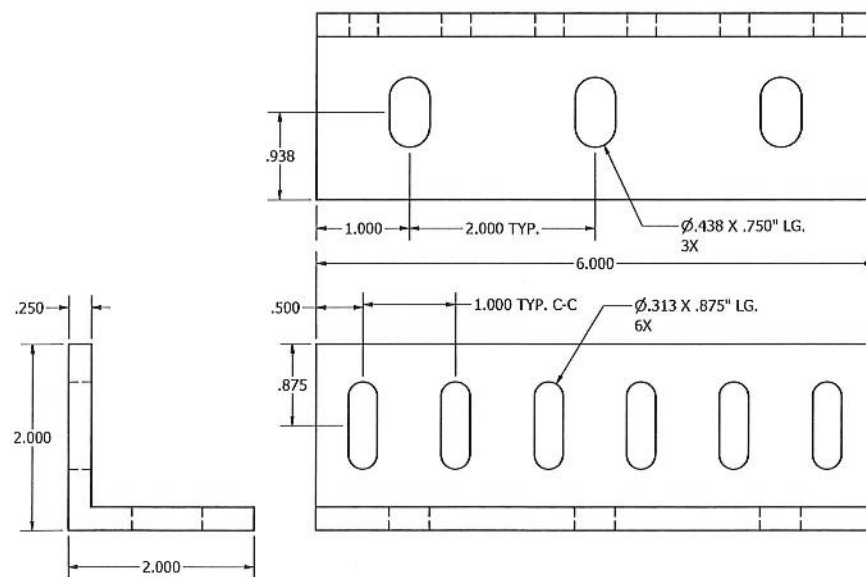


MULLION SUPPORT ATTACHMENT ANGLE ITEM#09  
RELIABLE #A1139

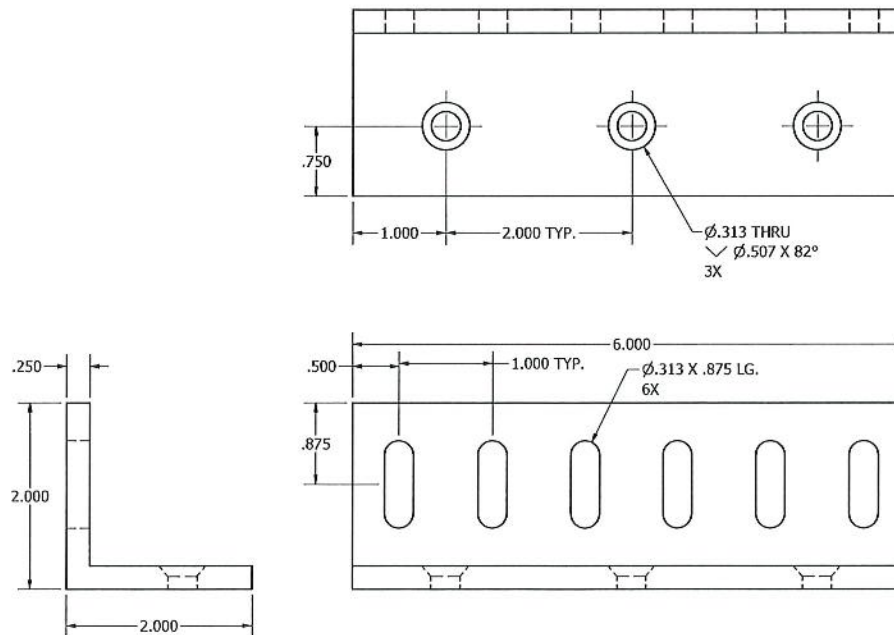
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1116.18  
Expiration Date 07/09/2026  
By *[Signature]*  
Miami-Dade Product Control



CLIP ANGLE 2 X 2 X 1/4 X 2" LG PUNCHED ITEM #13  
RELIABLE #85-022012-00B  
(WOOD/METAL/CONCRETE/12" CMU)



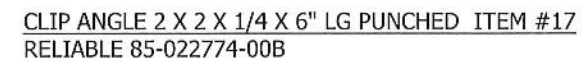
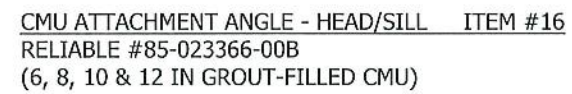
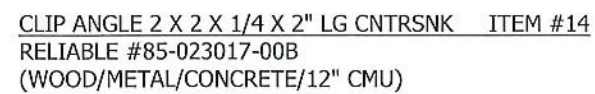
CLIP ANGLE 2 X 2 X 1/4 X 6" LG PUNCHED ITEM #11  
RELIABLE 85-022774-00B




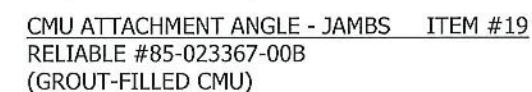
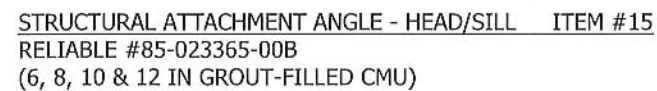
CLIP ANGLE 2 X 2 X 1/4 X 6" LG PUNCHED CNTRS NK ITEM #12  
RELIABLE #TBD  
(WOOD/METAL/CONCRETE)

UNLESS OTHERWISE SPECIFIED, USE STD.  
ENGINEERING TOLERANCES PER WIQ-007

D	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	XXX	XXX	XXX	08/14/24
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				
APPROVED						
MATERIAL						
PRODUCT	6375DC					
TITLE	6375DC - PARTS					
SIZE	D		DTGS NO	60-022283-00B		REV D
SCALE	NONE		INVENTOR			SHEET 26 of 29



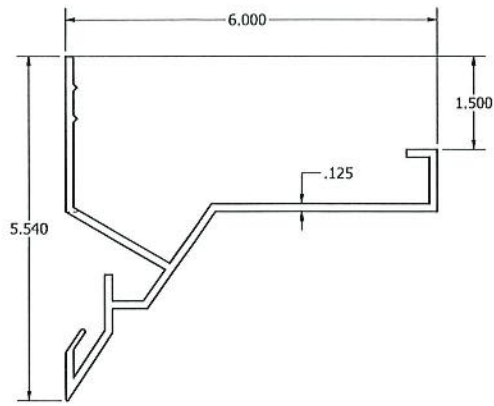
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1116.18  
Expiration Date 07/09/2026  
By   
**Miami-Dade Product Control**



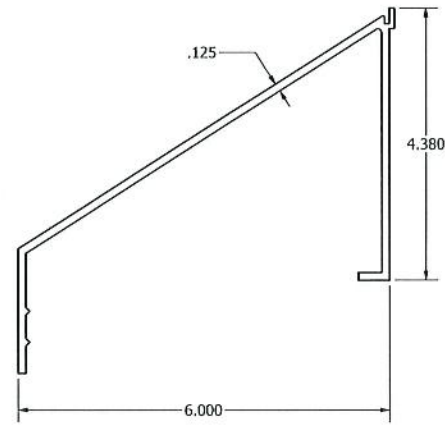
D	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	XXX	XXX	XXX	08/14/24
C	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	JDS	WRT	MMM	09/25/20
B	REV'D ENGINEER OF RECORD & NOTES	CJD	SDL	MMM		10/23/17
REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	DJR	2/17/2012	 1300 Enterprise Road, Geneva, Alabama 36340 PROPRIETARY AND CONFIDENTIAL			
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
APPROVED						
PATERIAL			PRODUCT		6375DC	
			TITLE		6375DC - PARTS	
			SIZE D	DWG NO	60-022283-00B	
			SCALE	INVENTOR	SHEET 27 OF 29	
EEN XXXXX						

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ENGINEERING TOLERANCES PER WIQ-007

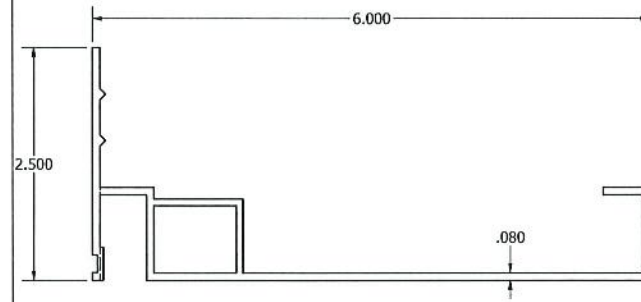




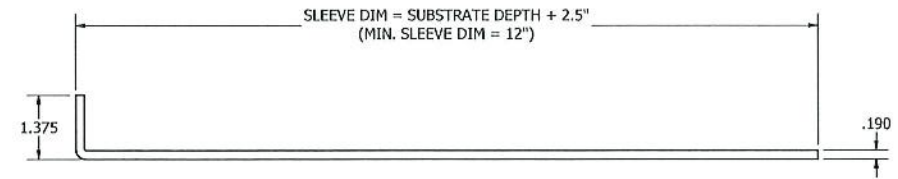
HEAD FRAME W/INTEGRAL FLANGE ITEM #26  
RELIABLE #70-020838-00B



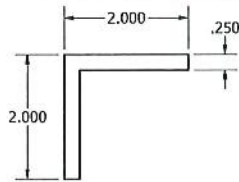
SILL FRAME W/INTEGRAL FLANGE ITEM #27  
RELIABLE #70-021129-00B



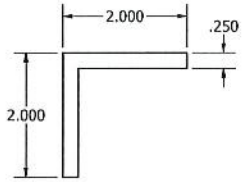
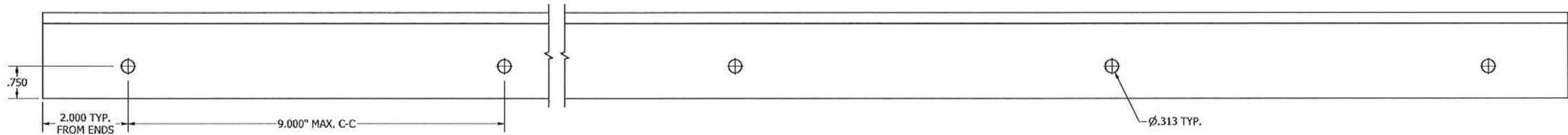
JAMB FRAME W/INTEGRAL FLANGE ITEM #28  
RELIABLE #70-020470-00B



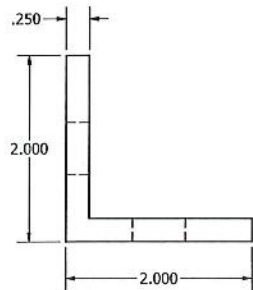
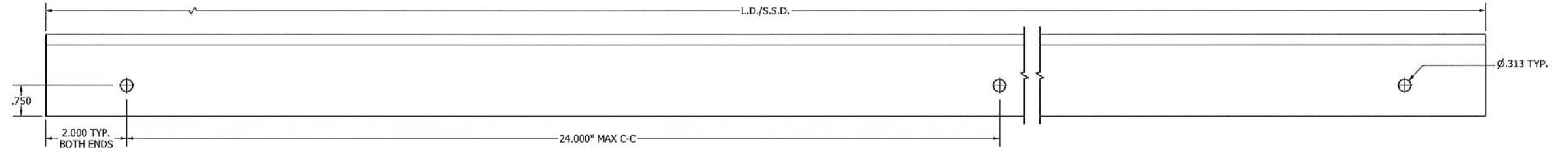
UNIVERSAL SLEEVE ITEM 29



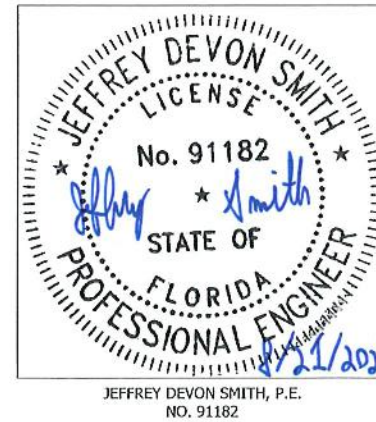
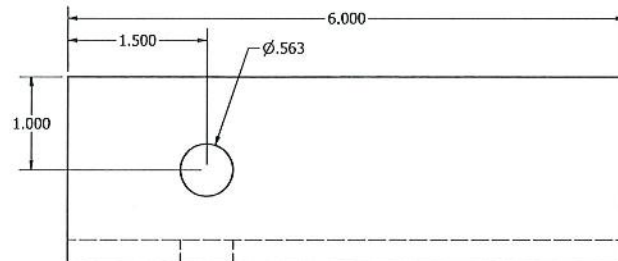
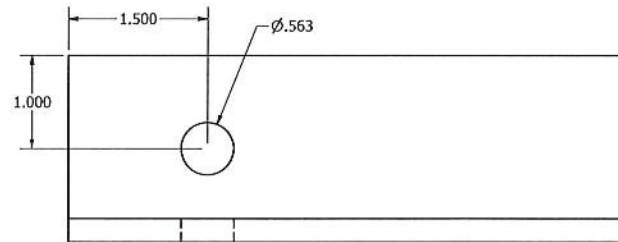
CONT. RETAINING ANGLE - HEAD/SILL ITEM #30  
RELIABLE #85-023168-00B



CONT. RETAINING ANGLE - JAMBS ITEM #31  
RELIABLE #85-023168-00B



UNIVERSAL SLEEVE ATTACHMENT ANGLE ITEM #32  
RELIABLE #TBD



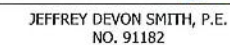
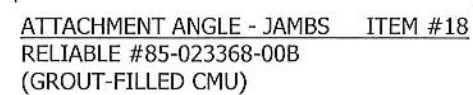
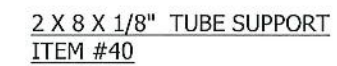
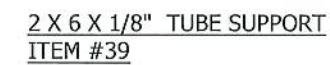
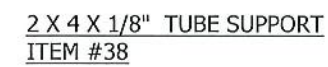
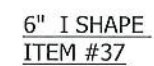
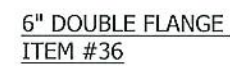
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1116.18

Expiration Date 07/09/2026

By *[Signature]*  
Miami-Dade Product Control

D	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	XXX	XXX	XXX	08/14/24
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				
APPROVED	DRP	3/23/2012				
MATERIAL						
PRODUCT	6375DC					
TITLE	6375DC - PARTS					
SIZE	D		DWG NO	60-022283-00B	REV	D
SCALE	NONE		INVENTOR		SHEET	28 OF 29

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ENGINEERING TOLERANCES PER WIQ-007



By   
Miami-Dade Product Control

D	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	XXX	XXX	XXX	08/14/24
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			1300 Enterprise Road, Geneva, Alabama 36340 PROPRIETARY AND CONFIDENTIAL	
CHECKED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
APPROVED	DRP	3/23/2012				
MATERIAL		PRODUCT		6375SDC		
		TITLE		6375DC - PARTS		
		SIZE D	DWG NO			
		60-022-283-00B				REV D
ECN	XXXXX	SCALE	NONE		INVENTOR	CHECKED 29. 09. 29

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ENGINEERING TOLERANCES PER WIQ-007