



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

Ruskin Company
3900 Dr. Greaves Road
Grandview, MO 64030

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 EME5625MD Aluminum Louver

APPROVAL DOCUMENT: Drawing No. **60-022462-00D**, titled "EME5625MD Standard Installation", sheets 1 through 13 of 13, dated 10/02/2017, prepared by Ruskin Company, signed and sealed by Theodore Berman, P.E. on 02/28/2018, 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, MX, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises** NOA # **23-0227.05** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Sifang Zhao, P.E.**



S.Z.
02/15/2024

NOA No. 23-1116.14
Expiration Date: June 14, 2028
Approval Date: February 15, 2024
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **60-022462-00D**, titled “EME5625MD Standard Installation”, sheets 1 through 13 of 13, dated 10/02/2017, prepared by Ruskin Company, signed and sealed by Theodore Berman, P.E. on 02/28/2018. “*Submitted under NOA # 17-1214.15*”

B. TESTS

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 Model EME5625MD Fixed Rectangular Louver, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-4063-01**, dated 08/18/2017, with revision dated 02/21/2018, signed and sealed by Douglas J. McDougall, P.E. “*Submitted under NOA # 17-1214.15*”
2. 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 Model EME5625MD Fixed Circular Louver, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-4063-01**, dated 08/18/2017, with revision dated 02/21/2018, signed and sealed by Douglas J. McDougall, P.E. “*Submitted under NOA # 17-1214.15*”
3. Test report on Wind and Wind Driven Rain Resistance per TAS 100a-94 of a Model EME5625MD Vertical Louver, prepared by Intertek/ATI, Test Report No. **F4782.02-801-44**, dated 01/26/2016, signed and sealed by Tyler Westerling, P.E. “*Submitted under NOA # 17-1214.15*”

C. CALCULATIONS

1. Addendum to louver wind load review prepared by Ruskin Company, dated 05/07/2018, signed and sealed by Theodore Berman, P.E. “*Submitted under NOA # 17-1214.15*”
2. Louver wind load review prepared by Ruskin Company, dated 02/28/2018, signed and sealed by Theodore Berman, P.E. “*Submitted under NOA # 17-1214.15*”

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 23-1116.14
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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 02/28/2018, signed and sealed by Theodore Berman, P.E. *“Submitted under NOA # 17-1214.15”*
2. Statement letter of code conformance to the **7th edition** (2020) of the FBC and of no financial interest issued by Ted Berman and Associates, LLC, dated 10/27/2020, signed and sealed by Theodore Berman, P.E. *“Submitted under NOA # 20-1123.05”*
3. Distributor agreement dated 11/11/2020. *“Submitted under NOA # 20-1123.05”*
4. Statement letter of code conformance to the **8th Edition** (2023) of the FBC and of no financial interest, issued by Ruskin Company, dated 10/30/2023, signed and sealed by Jeffrey Devon Smith, P.E.

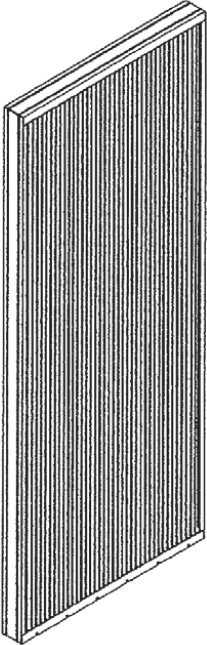
G. OTHER

1. This NOA **revises NOA # 23-0227.05** for the 8th edition (2023) of the FBC update.



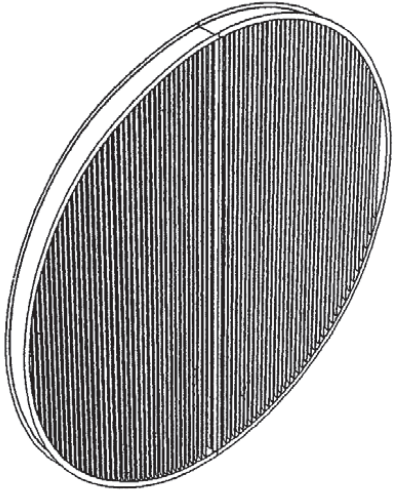
Sifang Zhao, P.E.
Product Control Examiner
NOA No. 23-1116.14
Expiration Date: June 14, 2028
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PARTS LIST			
FOR STANDARD LOUVER			
ITEM	DESCRIPTION	MATERIAL	ALLOY
1	HEAD FRAME	.095" THK EXTRUDED ALUM.	6063-T6
2	SILL FRAME	.095" THK EXTRUDED ALUM.	6063-T6
3	JAMB FRAME	.095" THK EXTRUDED ALUM.	6063-T6
4	BLADE	.080" THK EXTRUDE ALUM.	6063-T6
5	CORE ANGLE	.080" THK EXTRUDE ALUM	6063-T6
6	H.H.B.S.	.080" THK EXTRUDE ALUM	6063-T6
MULTI SECTION CONNECTION PARTS			
7	SPLICE PLATE	.125" THK EXTRUDE ALUM	6063-T6
8	SPLICE PLATE SCREWS 12-14 X 3/4" LG "HWH" "SD"	410SS/ZINC PLATED	-
STANDARD LOUVER W/ UNIVERSAL SLEEVE			
9	FRONT FLANGE SLEEVE	.188" THK FORMED ALUM.	3003-H14 OR 5005-H34
10	CONT. RETAINING ANGLE	.250" THK EXTRUDED ALUM.	6063-T6
11	FRONT FLANGE FRAME COVER	.125" THK SHEET ALUM.	3003-H14 OR 5005-H34
12	1/4-14 GRADE 2 "HWH" TYPE "SD" SCREW	410SS/ZINC PLATED	-
FOR SHAPED LOUVER			
13	EXTERIOR FRAME	.080" THK EXTRUDED ALUM.	6063-T4
14	WATER STOP	.080" THK FORMED ALUM.	3003-H14 OR 5005-H34
INSTALLATION PARTS			
15	CONT. ATTACHMENT ANGLE	.250" THK EXTRUDED ALUM.	6063-T6
16	ALTERNATE ATTACHMENT CONT. ZEE	.250" THK FORMED ALUM.	3003-H14 OR 5005-H34
17	ALTERNATE ATTACHMENT CONT. ZEE	.250" THK FORMED ALUM.	3003-H14 OR 5005-H34
18	ALTERNATE ATTACHMENT CONT. FLAT PLATE	.250" THK ALUM.	3003-H14 OR 5005-H34
19	ALTERNATE ATTACHMENT CONT. STIFFENER PLATE	.250" THK ALUM.	3003-H14 OR 5005-H34
20	CLIP ANGLE ATTACHMENT	.250" THK EXTRUDED ALUM.	6063-T6
21	#12-14 "HWH" "SD" SCREW	410 ZINC PLATED	-
22	SUBSTRATE FASTENER (CONT. ANGLE)(BY OTHERS)	VARIES REF TABLE 1/13	-
23	SUBSTRATE FASTENER (ZEE/FLAT PLATE)(BY OTHERS)	VARIES REF TABLE 2/13	-
24	SUBSTRATE FASTENER (SHAPED LOUVER)(BY OTHERS)	VARIES REF TABLE 3/13	-



RECTANGLE LOUVER

N.T.S.
CHANNEL FRAME REF. SHEETS 02 THRU 04
UNIVERSAL FLANGE SLEEVE REF. SHEETS 05 THRU -06



SHAPED LOUVER

N.T.S.
REF. SHEETS 07 THRU 09

NOTES:

1. THE EME5625MD HAS BEEN TESTED IN ACCORDANCE WITH & QUALIFIED TO FLORIDA PROTOCOLS TAS-201, 202, & 203 FOR LARGE MISSILE IMPACT, UNIFORM PRESSURE, CYCLIC WIND PRESSURE, & TAS-100(A) FOR HIGH VELOCITY WIND DRIVEN RAIN. TAS-100(A) ONLY APPLIES TO RECTANGLES, NOT APPLICABLE FOR SHAPES.
2. QUALIFICATION TO FLORIDA PROTOCOL TAS-100(A) ALLOWS THIS LOUVER TO BE INSTALLED IN A LOCATION WHERE THE ROOM BEHIND THE LOUVER IS NOT DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM & THE ROOM DOES NOT HOUSE WATER RESISTANT/WATER PROOF EQUIPMENT, COMPONENTS, OR SUPPLIES.
3. THIS LOUVER SYSTEM IS APPROVED FOR APPLICATIONS WITH DESIGN PRESSURES OF +/- 160 PSF OR LESS. THIS LOUVER SYSTEM IS NON-BEARING AND IS NOT DESIGNED TO WITHSTAND BUILDING DEAD LOADS.
4. RUSKIN DOES NOT DETERMINE THE STRUCTURAL INTEGRITY OF THE STRUCTURE. SUBSTRATE REQUIREMENTS GIVEN IN TABLES 1, 2, & 3 ON SHEET 13 ARE AS NEEDED FOR ANCHORAGE ONLY.
5. MAXIMUM SINGLE SECTION SIZE FOR RECTANGLES IS 48" WIDE X 120" HIGH. MAXIMUM SINGLE SECTION SIZE FOR SHAPES IS 48" WIDE X 96" HIGH. UNLIMITED WIDTH CAN BE ACCOMPLISHED BY PLACING SINGLE SECTIONS SIDE BY SIDE.
6. SECTIONS OR ASSEMBLIES MAY BE STACKED VERTICALLY PROVIDING A SUITABLE STRUCTURAL SUPPORT IS DESIGNED AND INSTALLED BY OTHERS TO SUPPORT ALL LOADS TRANSFERRED FROM THE LOUVER.
7. ALL CMU BLOCK MUST BE GROUT FILLED. MIN. PRISM STRENGTH OF 1500 PSI AT TIME OF INSTALLATION. CMU BLOCKS MUST BE MN. TYPE 1, GRADE N, LIGHT, MEDIUM, OR NORMAL WEIGHT PER ASTM C90. GROUT AND MORTAR MUST COMPLY WITH FBC.
8. EXTRUDED ALUMINUM H.H.B.S. CHANNEL TO BE NOTCHED TO FIT OVER JAMB FRAMES & TO FIT BETWEEN EACH BLADE. H.H.B.S. CHANNEL TO BE WELDED TO EACH BLADE AND TO JAMB FRAMES. H.H.B.S. CHANNEL IS REQUIRED FOR ANY LOUVER ASSEMBLY EXCEEDING 60" IN HEIGHT FOR RECTANGLE LOUVERS & 48" FOR SHAPES. H.H.B.S. IS TO BE POSITIONED AT MID SPAN WHEN LOUVER IS OVER REQUIRED HEIGHT.

ABBREVIATIONS:

CONT. - CONTINUOUS
H.V.B.S.- HIDDEN VERTICAL BLADE SUPPORT
H.H.B.S.- HIDDEN HORIZONTAL BLADE SUPPORT
L.D. - LOUVER DIMENSION
MAX. - MAXIMUM
MIN. - MINIMUM
NOM. - NOMINAL
N.T.E. - NOT TO EXCEED
O/C - ON CENTER
OPP. - OPPOSITE
R.O. - ROUGH OPENING
SIM. - SIMILAR
S.S. - SHIP SECTION
S.S.D. - SHIP SECTION DIMENSION
TYP. - TYPICAL
U.N.C. - UNLESS NOTED OTHERWISE
DIM. - DIMENSION
FLG. - FLANGE
D - SUBSTRATE DEPTH
SUB. -SUBSTRATE

DRAWING INDEX:

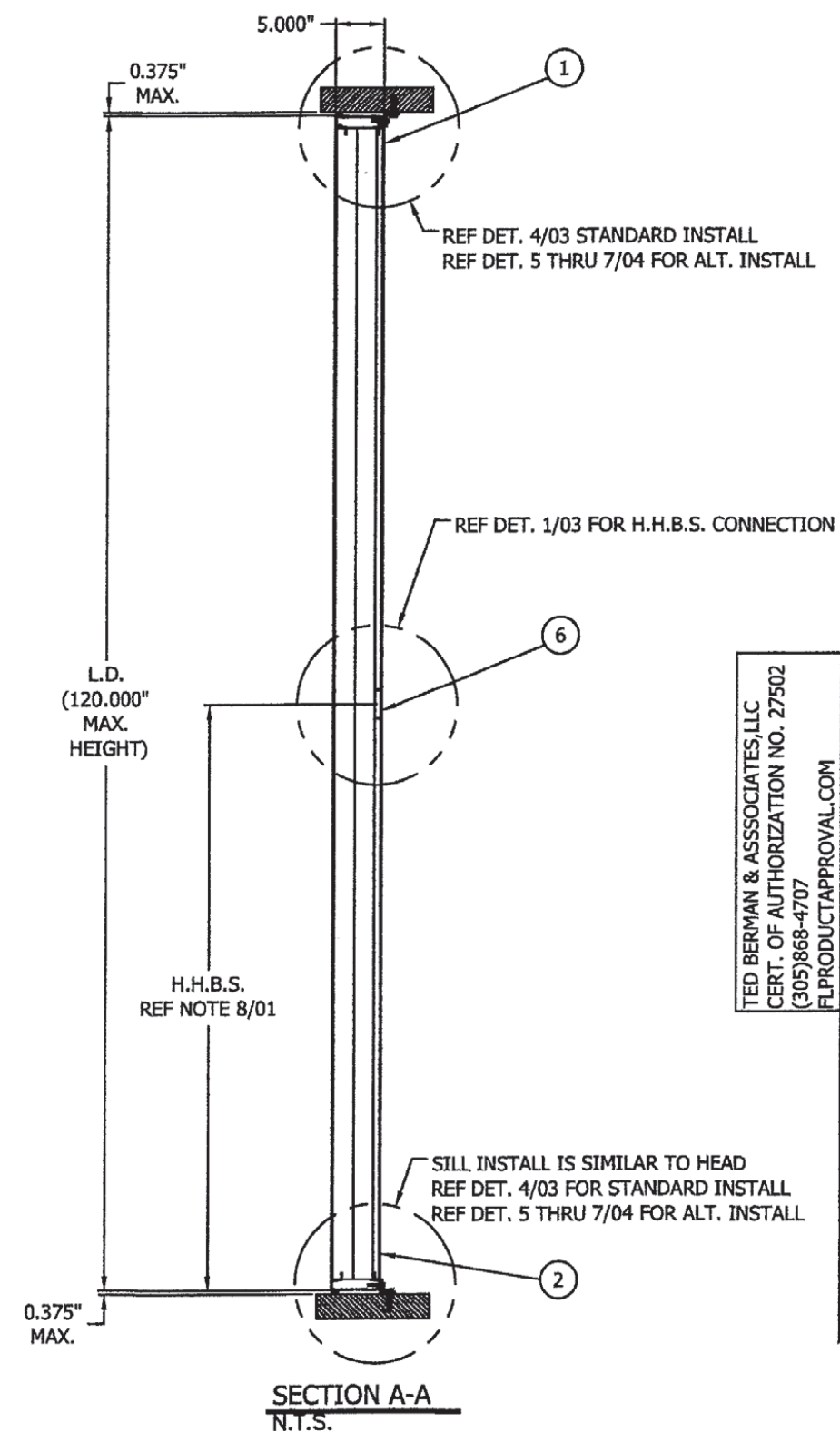
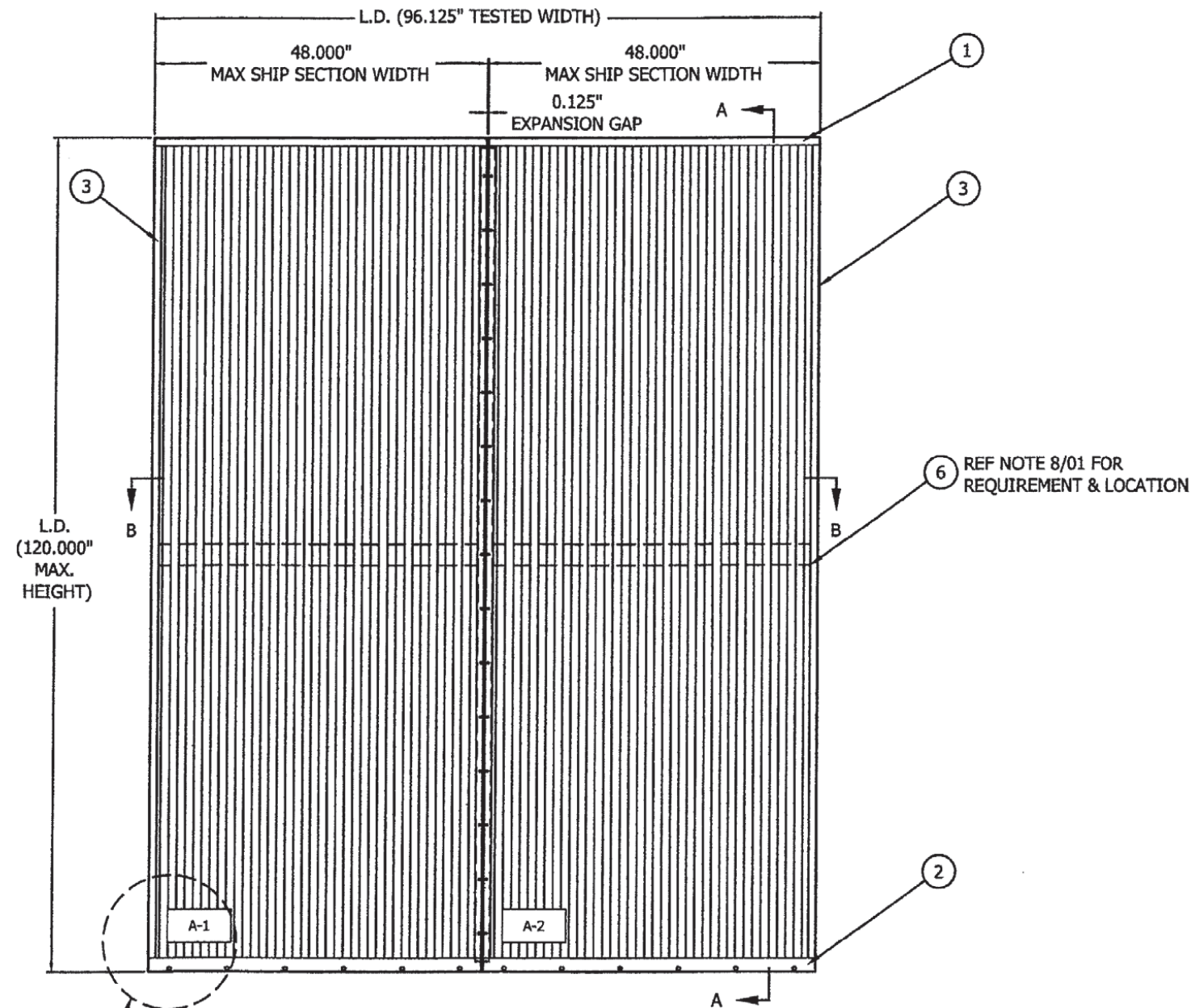
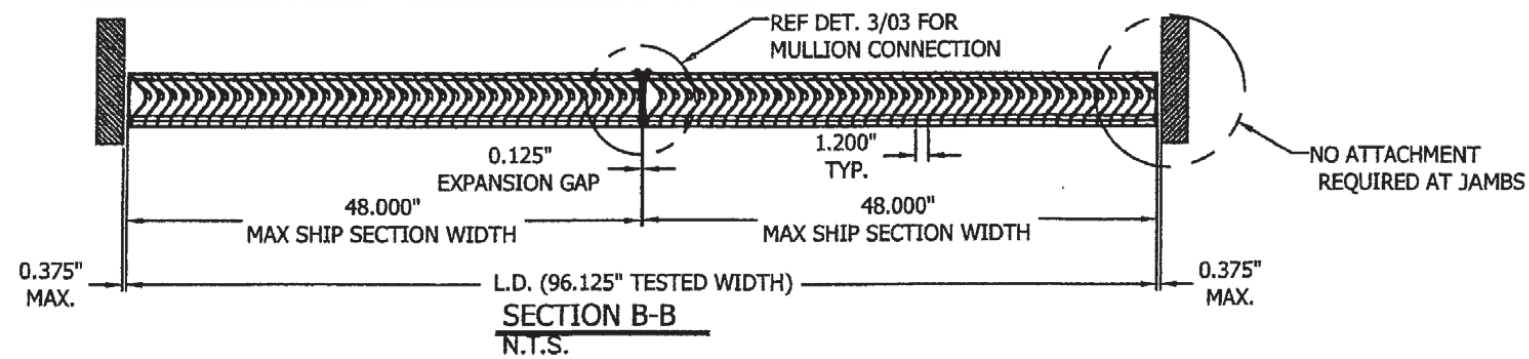
SHEET 01 - NOTES, PARTS LIST & DRAWING INDEX
SHEET 02 - ASSEMBLY 'A' & DETAILS
SHEET 03 - ASSEMBLY 'A' CONNECTION DETAILS
SHEET 04 - ASSEMBLY 'A' ALT. CONNECTION DETAILS
SHEET 05 - ASSEMBLY 'B'
SHEET 06 - ASSEMBLY 'B' CONNECTION DETAILS
SHEET 07 - STANDARD AVAILABLE SHAPES
SHEET 08 - ASSEMBLY 'C' & DETAILS
SHEET 09 - ASSEMBLY 'C' CONNECTION DETAILS
SHEET 10 - PARTS
SHEET 10 - PARTS
SHEET 12 - PARTS
SHEET 13 - FASTENER CHARTS

THEODORE BERMAN
LICENSE
No 09814
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
NO. 09814-05/09/17

THEODORE BERMAN, P.E.
3900 DR. GREAVES RD
GRANDVIEW, MO 64030

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1116.14
Expiration Date 06/14/2028
By
Miami-Dade Product Control

TOLERANCES		DWN.	CHK.	APPV'D.	APPV'D.	REV.	REVISION DESCRIPTION	DWN.	CHK'D	APPV'D.	ECN	DATE
DECIMAL DIMENSIONS: 3 PLACE .XXX ±.010 2 PLACE .XX ±.020 FRACTION DIMENSIONS: ±1/16 ANGLE DIMENSIONS ±2° USE W10-007 & 008 UNLESS SPECIFIED OTHERWISE		BY: CJD DATE: 8/07/17	BY: NLT DATE: 10/02/17	BY: MMM DATE: 10/02/17	BY: DATE: 10/02/17	LETTER		BY:	BY:	BY:		
NOTES, PARTS LIST & ASSEMBLY VIEWS							EME5625MD STANDARD INSTALLATION	PLOT SCALE NONE		ECN: _____		
								REV. -		SHEET 1 OF 13		
								DWG. NO.		60-022462-00D		



TED BERMAN & ASSOCIATES, LLC
 CERT. OF AUTHORIZATION NO. 27502
 (305)868-4707
 FLPRODUCTAPPROVAL.COM

PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. 23-1116.14
 Expiration Date 06/14/2028
 By *CS*
 Miami-Dade Product Control

REF DET. 2/03
FOR WELDMENT

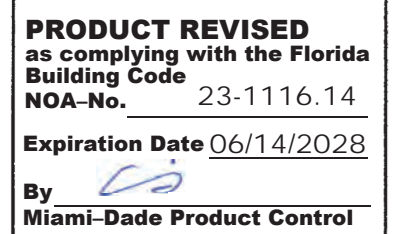
ASSEMBLY 'A' CHANNEL FRAME LOUVER
 N.T.S.
 MAX SHIP SECTION 48" X 120".

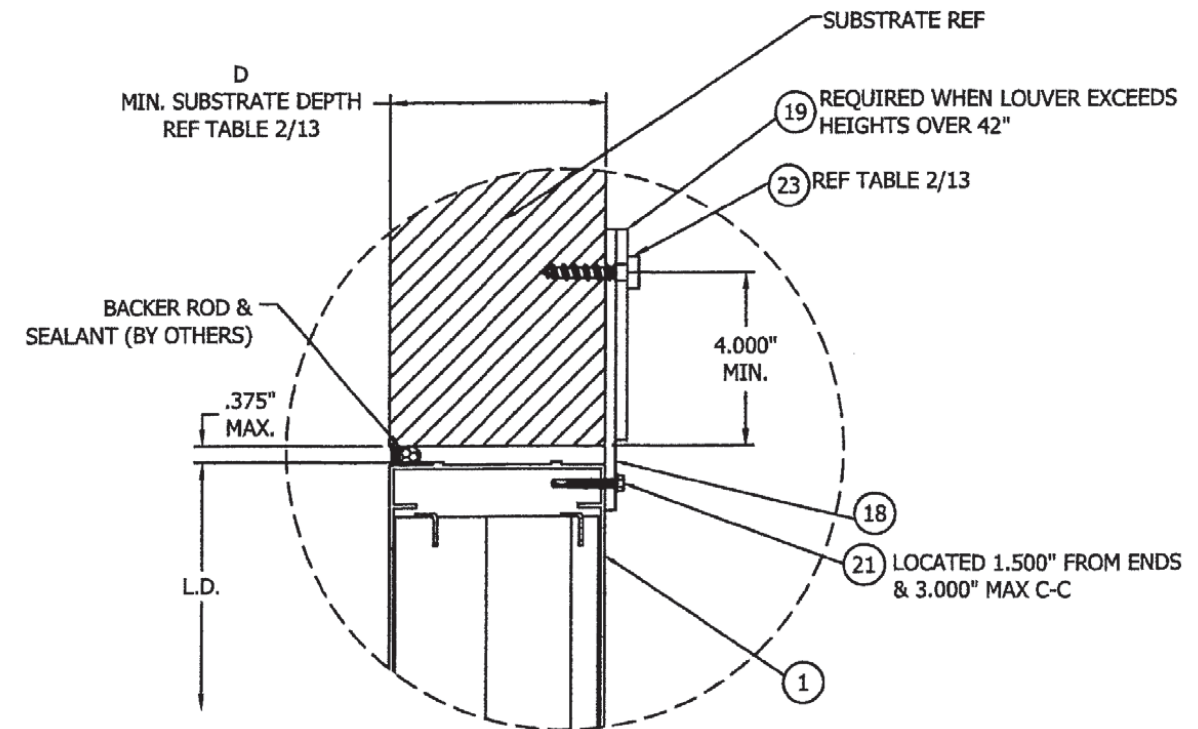
TOLERANCES
 DECIMAL DIMENSIONS:
 3 PLACE .XXX ±.010
 2 PLACE .XX ±.020
 FRACTION DIMENSIONS: ±1/16
 ANGLE DIMENSIONS ±2°
 USE WIG-007 & 008
 UNLESS SPECIFIED OTHERWISE

DWN.	CHK.	APPV'D.	APPV'D.
BY: CJD	BY: NLT	BY: MMM	BY:
DATE: 8/07/17	DATE: 10/02/17	DATE: 10/02/17	DATE:

REV. LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D BY:	APPV'D. BY:	ECN	DATE
	RUSKIN 3900 DR. GREAVES RD GRANDVIEW, MO 64030 <small>AUTHORITY IN AIR CONTROL</small>					
	EME5625MD STANDARD INSTALLATION					

PLOT SCALE	ECN
NONE	
REV.	SHEET 2 OF 13
DWG. NO.	
60-022462-00D	






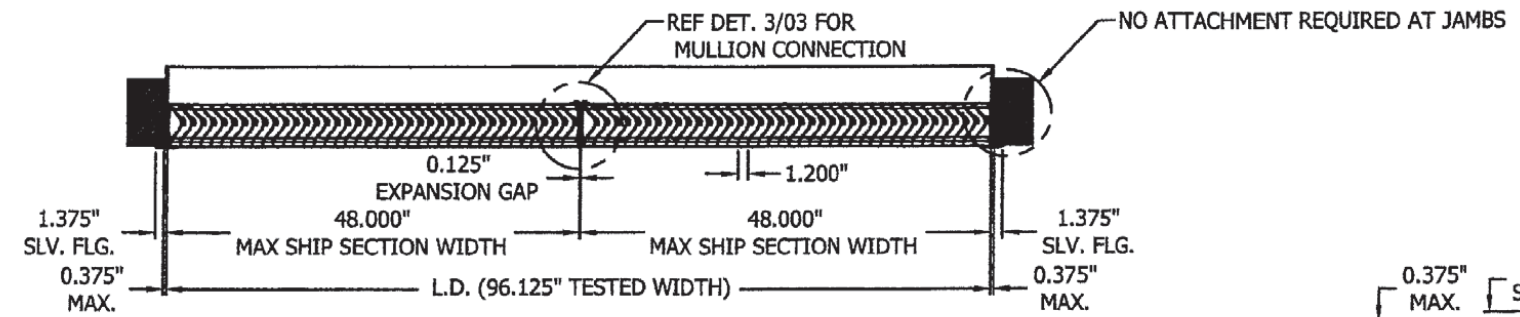
6 ALTERNATE HEAD CONNECTION
02 N.T.S.
NOTE: USED WHEN MIN. EDGE DISTANCE REQ'D

NOTE: USED WHEN MIN. EDGE DISTANCE REQ'D FOR CONT. ANGLE INSTALL CANNOT BE MET.
WHEN WALL DEPTH EQUAL TO DEPTH OF INTERIOR FACE OR LOUVER OFFSET IS FLUSH W/ INTERIOR WALL
LOUVER SILL ATTACHMENT SIMILAR

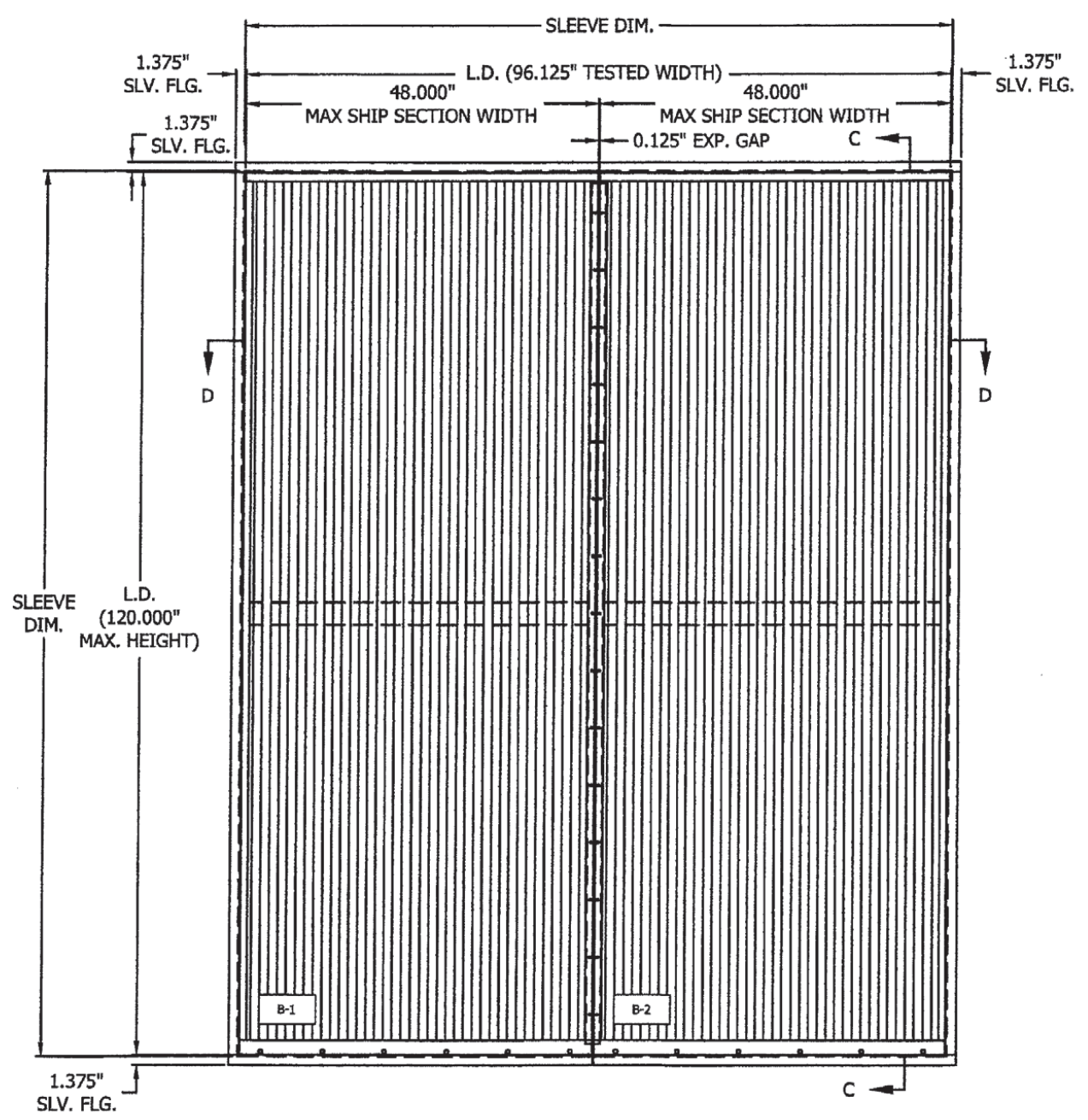


N.T.S.
NOTE: USED WHEN MIN, EDGE DISTANCE REQ'D FOR CONT. ANGLE INSTALL CANNOT BE MET.
WHEN WALL DEPTH IS LESS THAN DEPTH OF LOUVER INTERIOR FACE
LOUVER SILL ATTACHMENT SIMILAR

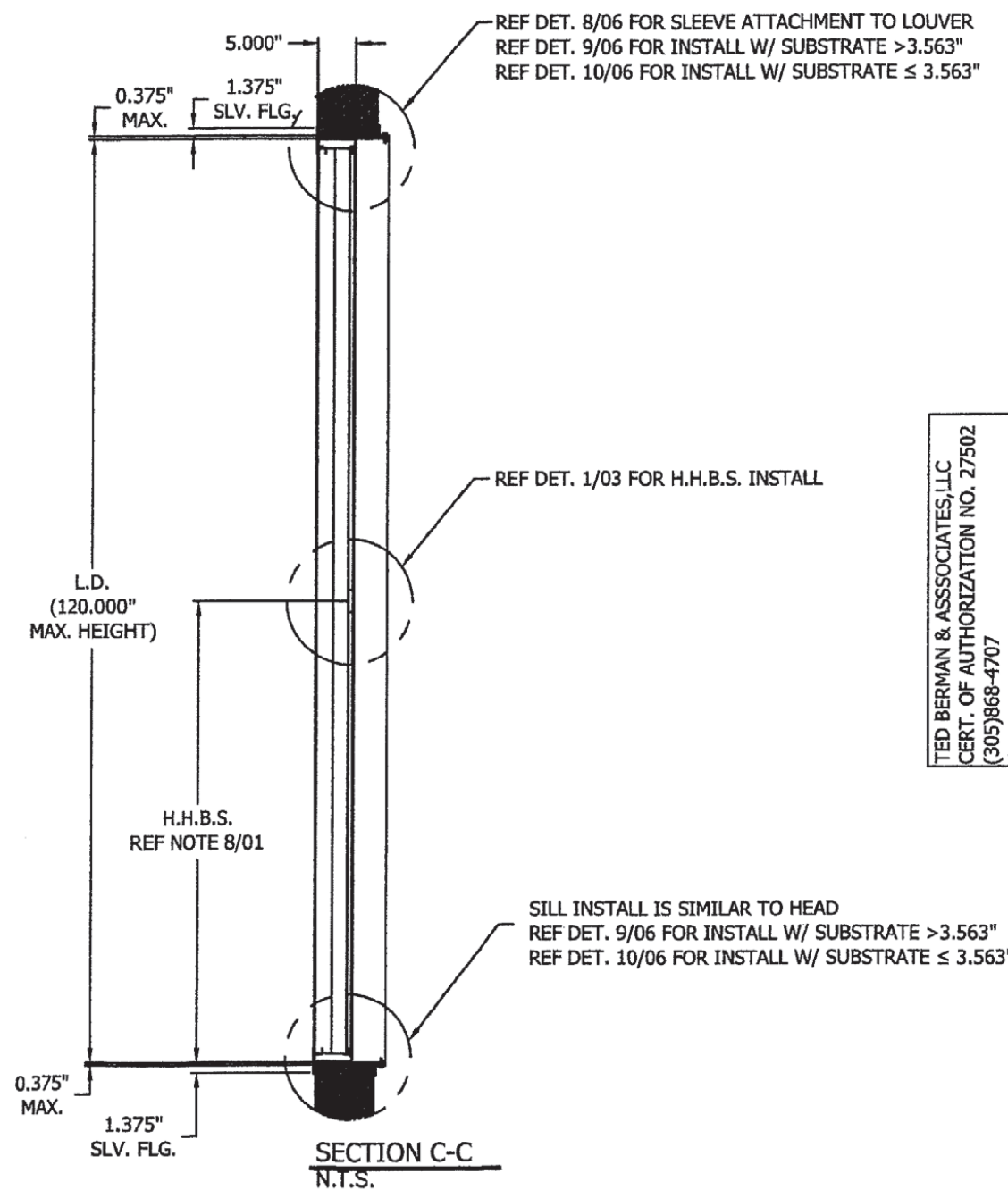
REV. LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D BY:	APPV'D BY:	ECN	DATE
 RUSKIN AUTHORITY IN AIR CONTROL	3900 DR. GREAVES RD GRANDVIEW, MO 64030	PLOT SCALE		NONE ECN: _____		
		REV. - DWG. NO.				
TITLE EME5625MD STANDARD INSTALLATION		SHEET 4 OF 13 60-022462-00D				



SECTION D-D
N.T.S.



ASSEMBLY 'B' UNIVERSAL SLEEVE
N.T.S.
MAX SHIP SECTION 48" X 120".



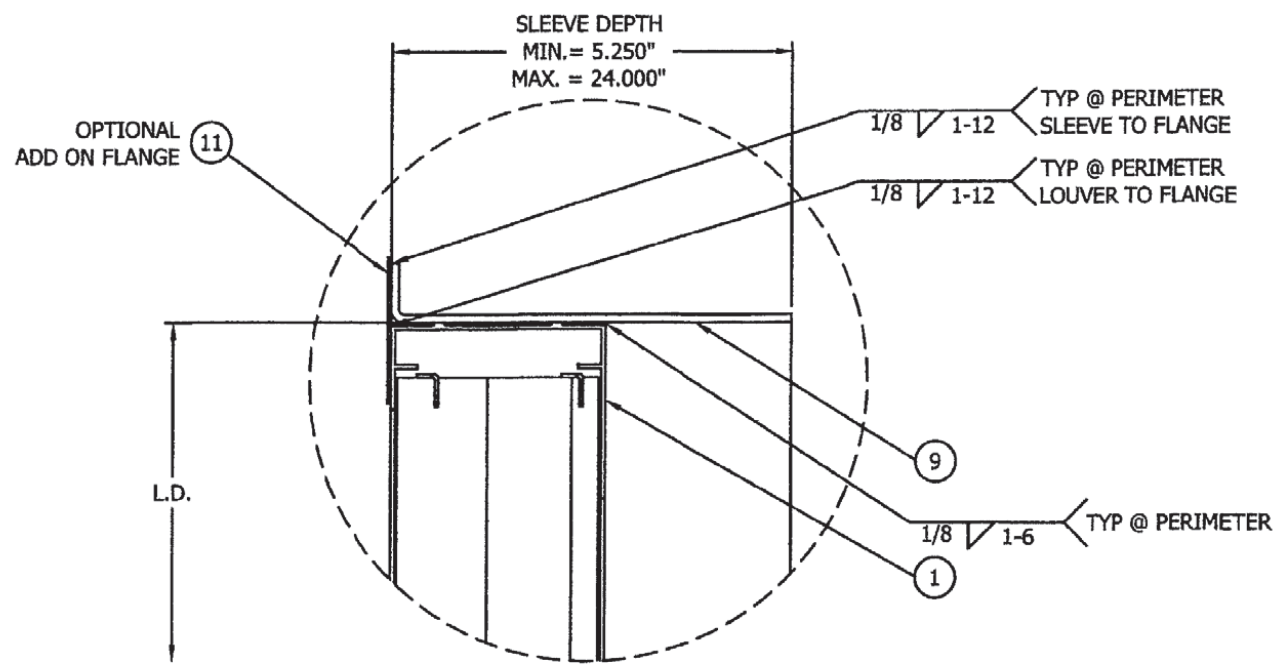
SECTION C-C
N.T.S.

TED BERMAN & ASSOCIATES, LLC
 CERT. OF AUTHORIZATION NO. 27502
 (305)868-4707
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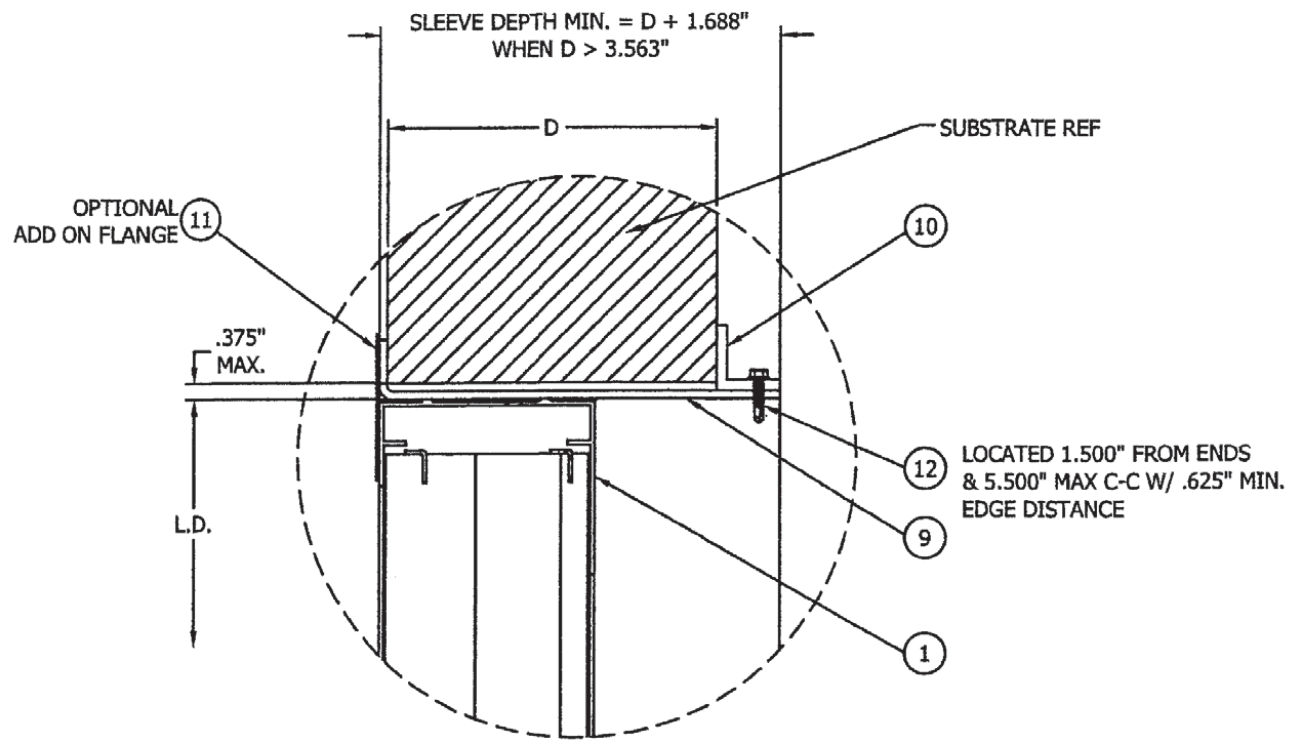
THEODORE BERMAN
 LICENSE
 No 09814
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 THEODORE BERMAN, P.E.
 NO. 09814

PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. 23-1116.14
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 By
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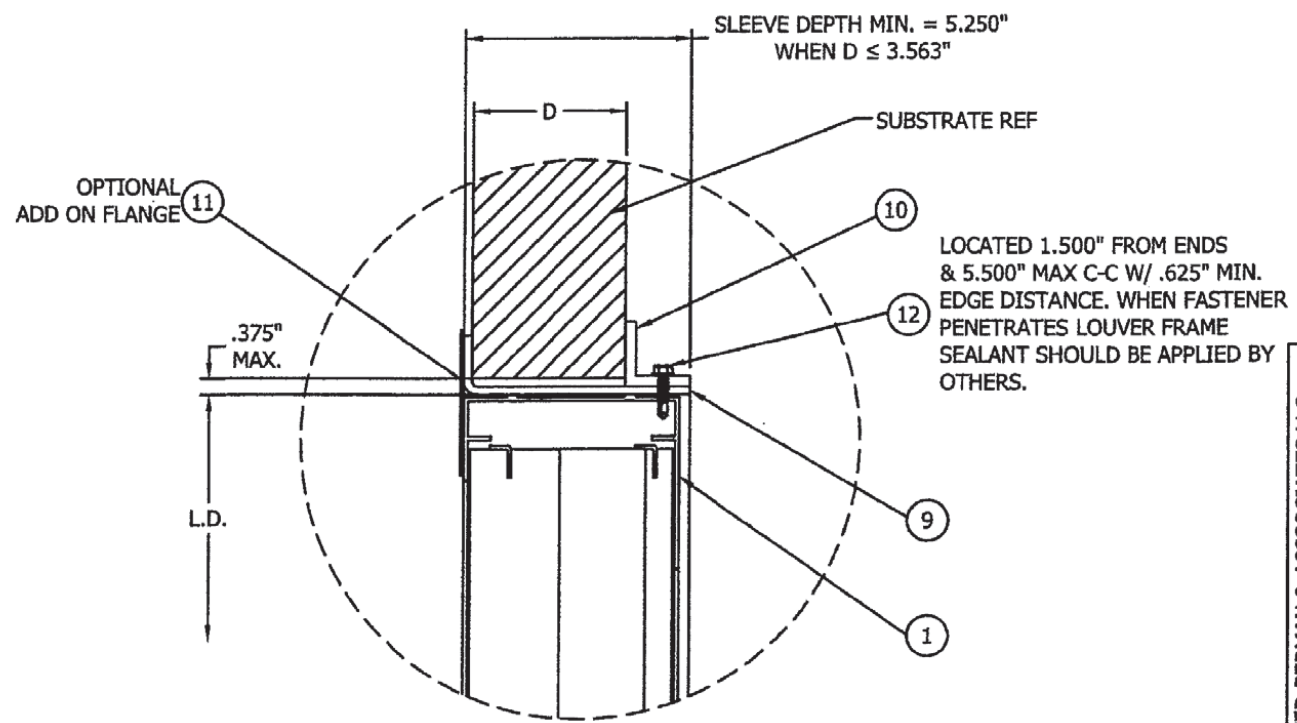
REV. LETTER		REVISION DESCRIPTION		DWN. BY:	CHK'D BY:	APPV'D. BY:	ECN	DATE
				BY: CJD	BY: NLT	BY: MMM	BY:	
				DATE: 8/07/17	DATE: 10/02/17	DATE: 10/02/17	DATE:	



8 UNIVERSAL SLEEVE WELDING DETAIL
05 N.T.S.



9 UNIVERSAL SLEEVE CONNECTION DETAIL
05 N.T.S.
LOUVER SILL ATTACHMENT SIMILAR



10 UNIVERSAL SLEEVE CONNECTION DETAIL
05 N.T.S.
LOUVER SILL ATTACHMENT SIMILAR

TED BERMAN & ASSOCIATES, LLC
 CERT. OF AUTHORIZATION NO. 27502
 (305) 868-4707
 FLPRODUCTAPPROVAL.COM

THEODORE BERMAN, P.E.
NO. 09814

PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. 23-1116.14
 Expiration Date 06/14/2028
 By *[Signature]*
 Miami-Dade Product Control

TOLERANCES		DWN. BY: CJD	CHK. BY: NLT	APPV'D. BY: MMM	APPV'D. BY:
DECIMAL DIMENSIONS:		DATE: 8/7/17	DATE: 10/2/17	DATE: 10/2/17	DATE:
3 PLACE XXX ±.010					
2 PLACE XX ±.020					
FRACTION DIMENSIONS ±1/16					
ANGLE DIMENSIONS ±2°					
USE WIC-007 & 008					
UNLESS SPECIFIED OTHERWISE					

UNIVERSAL SLEEVE DETAILS

EME5625MD STANDARD
 INSTALLATION

REV. LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D BY:	APPV'D. BY:	ECN	DATE

PLOT SCALE
 NONE
 ECN:

REV. SHEET 6 OF 13
 DWG. NO. 60-022462-00D

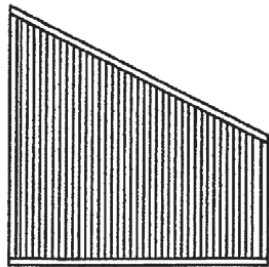
AVAILABLE SHAPES



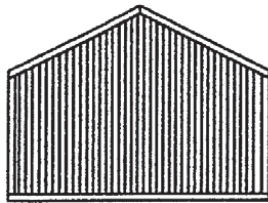
HALF TRIANGLE SHAPE A OR B
N.T.S.
NOTE: CAN BE RIGHT OR LEFT HAND



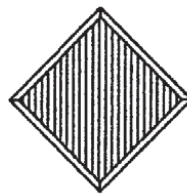
PYRAMID SHAPE E
N.T.S.



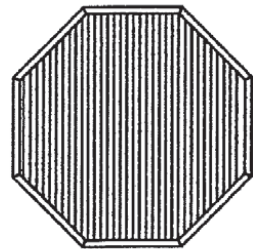
TRIANGLE TOP SHAPE C OR D
N.T.S.
NOTE: CAN BE RIGHT OR LEFT HAND



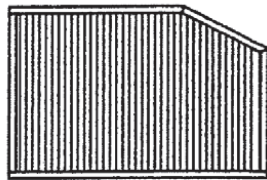
HOUSE SHAPE F
N.T.S.



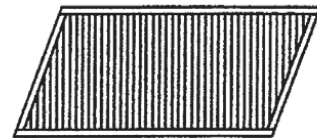
DIAMOND SHAPE G
N.T.S.



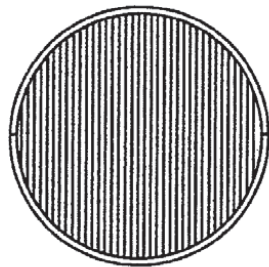
OCTAGON SHAPE L
N.T.S.



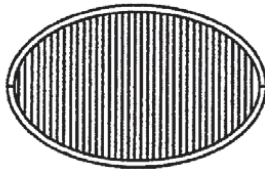
CORNER SHAPE J OR K
N.T.S.
NOTE: CAN BE RIGHT OR LEFT HAND
RIGHT BOTTOM OR LEFT BOTTOM



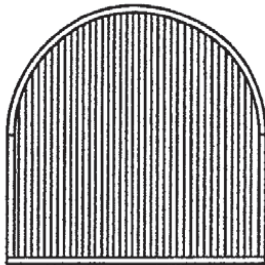
PARALLELOGRAM SHAPE H
N.T.S.



ROUND SHAPE A
N.T.S.
(AS TESTED)



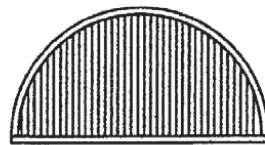
OVAL SHAPE G
N.T.S.



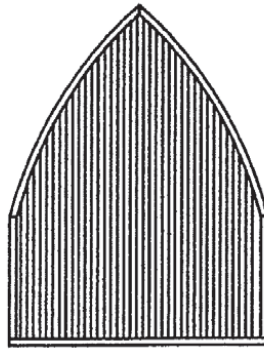
ROUND TOP SHAPE E
N.T.S.



QUARTER ROUND SHAPE C OR D
N.T.S.
NOTE: CAN BE RIGHT OR LEFT HAND



HALF ROUND SHAPE H OR B
N.T.S.
NOTE: CAN BE TOP OR BOTTOM

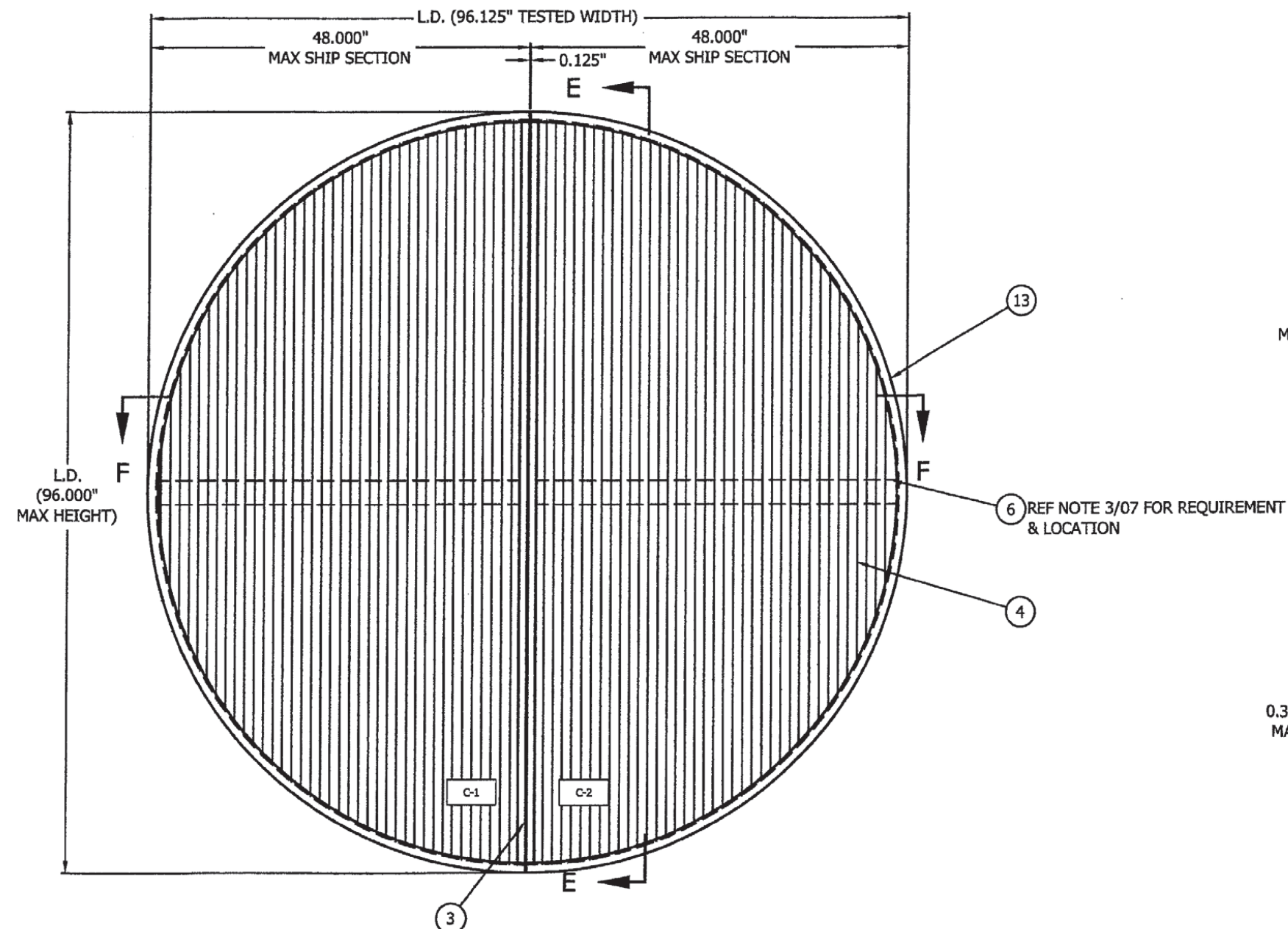


GOTHIC SHAPE F
N.T.S.

NOTES:

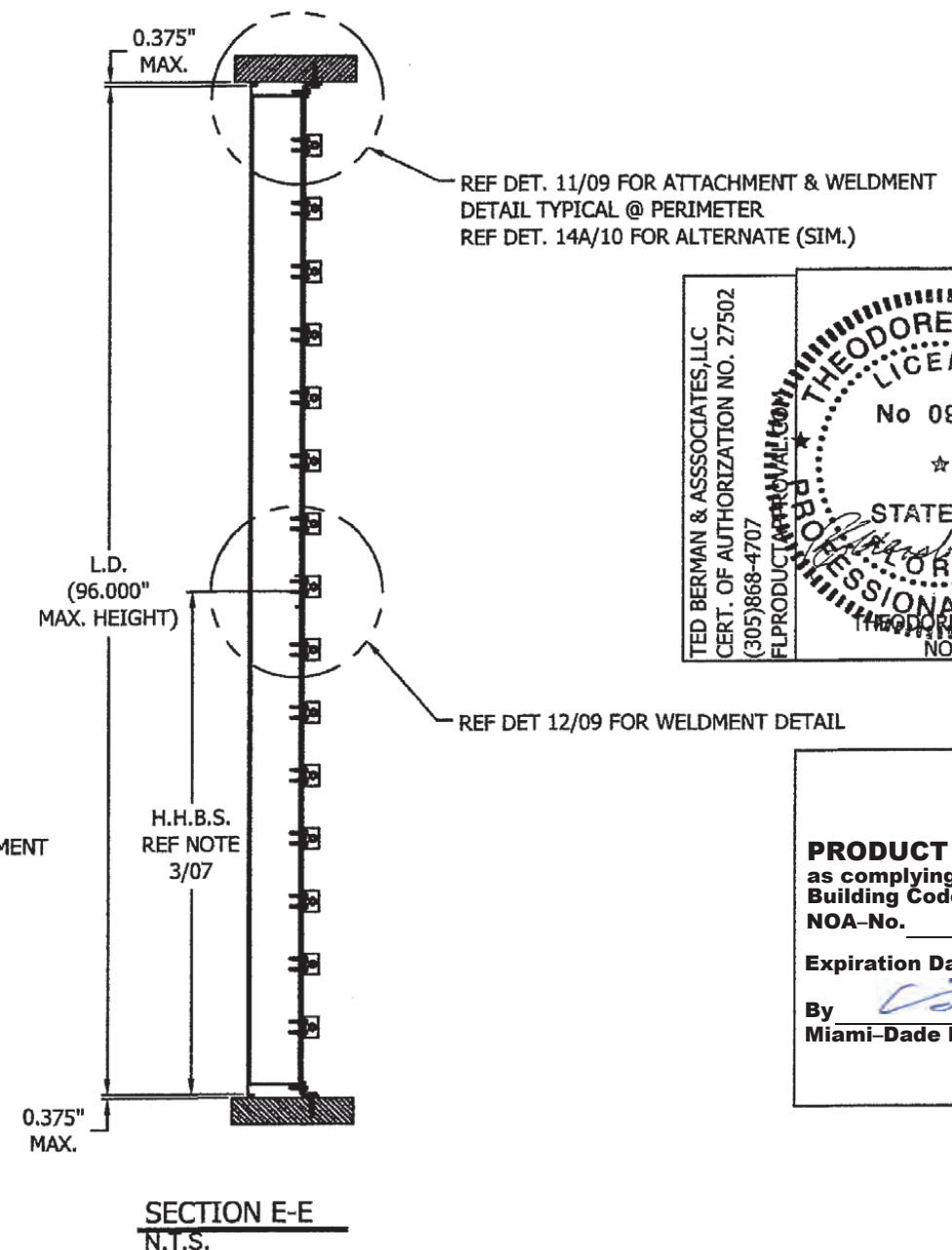
- 1. ALL LOUVER SHAPES TO BE CONSTRUCTED AS SHOWN ON FOLLOWING SHEETS. (ELT & ELR)
- 2. MAXIMUM SINGLE SECTION SIZE 48" WIDE X 96" HIGH. UNLIMITED WIDTH CAN BE ACCOMPLISHED BY PLACING SINGLE SECTIONS SIDE BY SIDE.
- 3. H.H.B.S. REQUIRED FOR SECTIONS > 48" HIGH, PLACED AT MIDSPAN OF MAXIMUM SPAN.
- 4. VISIBLE MULLIONS REQUIRED AT EVERY 48" IN WIDTH.

TED BERMAN & ASSOCIATES, LLC CERT. OF AUTHORIZATION NO. 27502 (305)868-4707 FLPRODUCTAPPROVAL.COM	 THEODORE BERMAN, P.E. NO. 09814	PRODUCT REVISED as complying with the Florida Building Code NOA-No. 23-1116.14 Expiration Date 06/14/2028 By Miami-Dade Product Control		REV. LETTER		REVISION DESCRIPTION		DWN. BY:	CHK'D BY:	APPV'D. BY:	ECN	DATE	
		TOLERANCES DECIMAL DIMENSIONS: 3 PLACE .XXX ±0.10 2 PLACE .XX ±0.02 FRACTION DIMENSIONS: ±1/16 ANGLE DIMENSIONS ±2° USE W10-007 & 008 UNLESS SPECIFIED OTHERWISE		DWN. BY: CJD DATE: 8/07/17		CHK. BY: NLT DATE: 10/02/17		APPV'D. BY: MMM DATE: 10/02/17		APPV'D. BY:		PLOT SCALE NONE	
		SHAPES		TITLE EME5625MD STANDARD INSTALLATION		REV. -		DWG. NO. 60-022462-00D		SHEET 7 OF 13			
						RUSKIN AUTHORITY IN AIR CONTROL 3000 DL GREAVES RD GRANDVIEW, MO 64030							



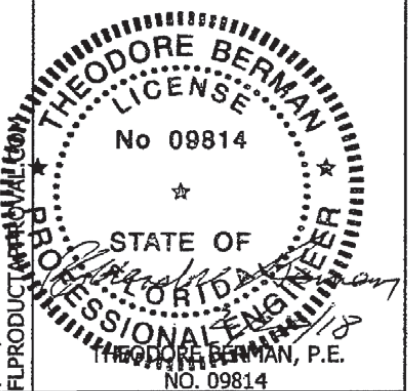
(CIRCLE AS TESTED)

N.T.S.
MAX SHIP SECTION 48" X 96".




REF DET. 11/09 FOR ATTACHMENT & WELDMENT
DETAIL TYPICAL @ PERIMETER
REF DET. 14A/10 FOR ALTERNATE (SIM.)

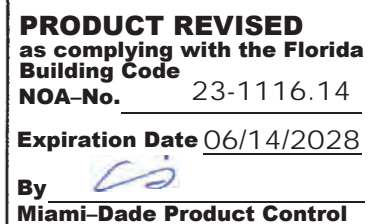
TED BERMAN & ASSOCIATES, LLC
CERT. OF AUTHORIZATION NO. 27502
(305)868-4707



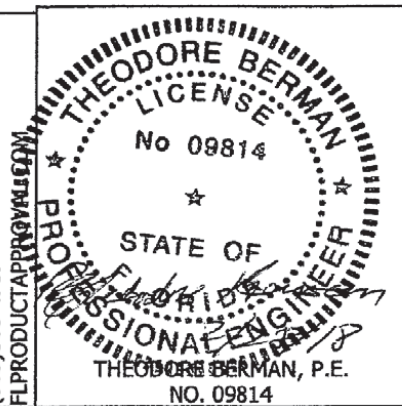
REF DET 12/09 FOR WELDMENT DETAIL

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1116.14
Expiration Date 06/14/2028
By
Miami-Dade Product Control

TOLERANCES DECIMAL DIMENSIONS: 3 PLACE .XXX ±.010 2 PLACE .XX ±.020 FRACTION DIMENSIONS ±1/16 ANGLE DIMENSIONS ±2° USE W1Q-007 & 008 UNLESS SPECIFIED OTHERWISE	DWN. BY: CJD DATE: 8/07/17	CHK. BY: NLT DATE: 10/02/17	APPV'D. BY: MMM DATE: 10/02/17	APPV'D. BY: DATE:	REV. LETTER  3900 DR. GREAVES RD GRANDVIEW, MO 64030 AUTHORITY IN AIR CONTROL	REVISION DESCRIPTION PLOT SCALE NONE ECN: _____	DWN. BY: CHK'D BY: APPV'D. BY: ECN DATE
	ASSEMBLY "C" SHAPED LOUVER & SECTION VIEWS				TITLE EME5625MD STANDARD INSTALLATION	REV. - DWG. NO. 60-022462-00D	SHEET 8 OF 13




TED BERMAN & ASSOCIATES, LLC
CERT. OF AUTHORIZATION NO. 27502
(305)868-4707



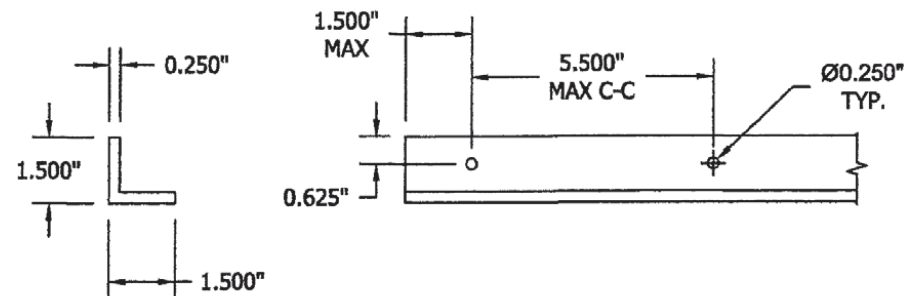
TOLERANCES
DECIMAL DIMENSIONS:
3 PLACE .XXX \pm .010
2 PLACE .XX \pm .020
FRACTION DIMENSIONS: \pm 1/16
ANGLE DIMENSIONS \pm 2°
USE WIQ-007 & 008
UNLESS SPECIFIED OTHERWISE

DWN. BY: CJD DATE: 8/07/17	CHK. BY: NLT DATE: 10/02/17	APPV'D BY: MMM DATE: 10/02/17	APPV'D BY: DATE:
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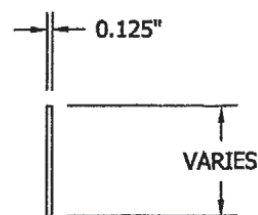
SHAPED LOUVER DETAILS

REV. LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D BY:	APP'V'D. BY:	ECN	DATE
 3900 DR. GREAVES RD GRANDVIEW, MO 64030 <i>AUTHORITY IN AIR CONTROL</i>		PLOT SCALE				
		NONE		ECN: _____		
TITLE		REV. -		SHEET 9 OF 13		
EME5625MD STANDARD INSTALLATION		DWG. NO. 60-022462-00D				

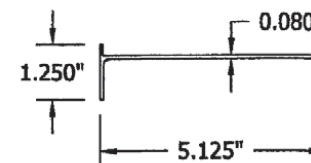




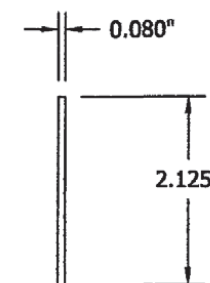
ITEM 10 CONT. RETAINING ANGLE
N.T.S.



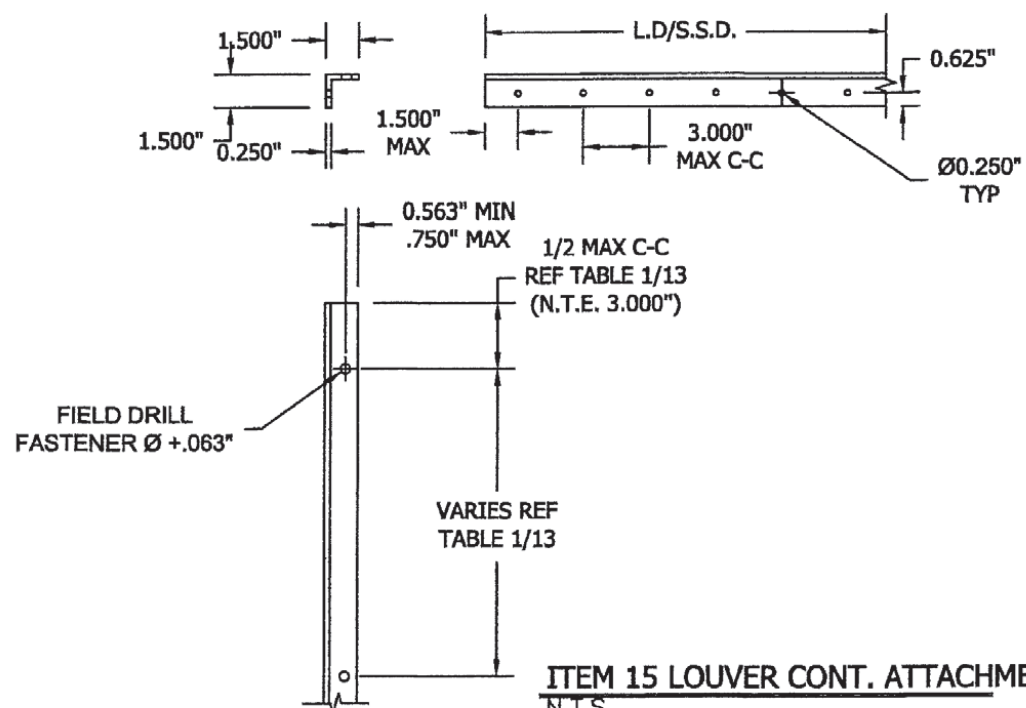
ITEM 11 FRONT FLANGE COVER (OPTIONAL)
N.T.S.



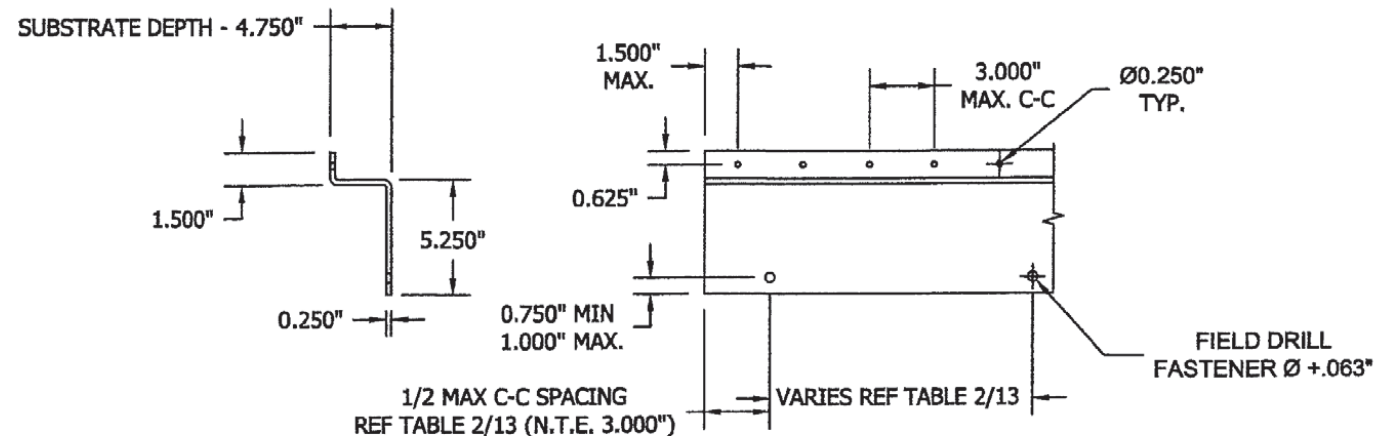
ITEM 13 EXTERIOR SHAPE FRAME
N.T.S.
RUSKIN PART # 70-022492-00B



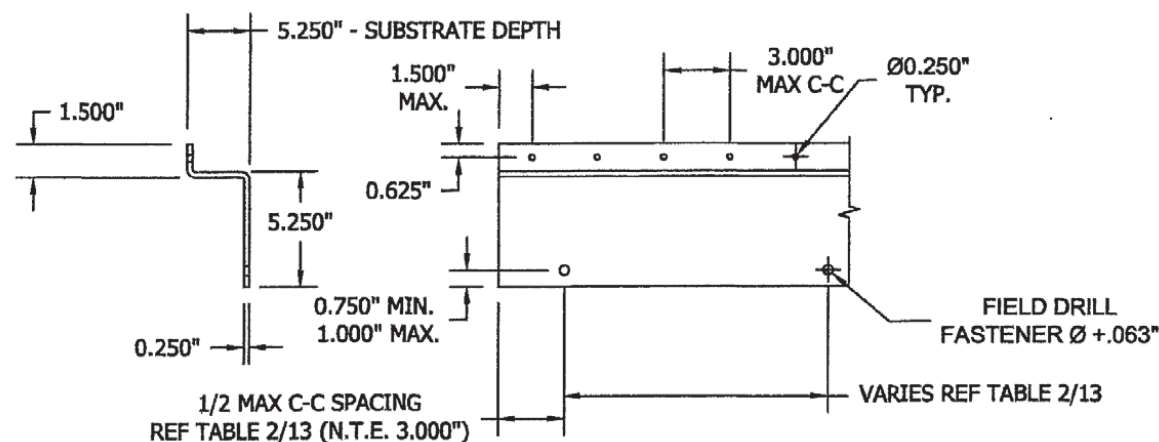
ITEM 14 SHAPE WATER STOP
N.T.S.



ITEM 15 LOUVER CONT. ATTACHMENT ANGLE
N.T.S.



ITEM 16 ALTERNATE CONT. ATTACHMENT ZEE
N.T.S.



ITEM 17 ALTERNATE CONT. ATTACHMENT ZEE
N.T.S.

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FLPRODUCTAPPROVAL.COM

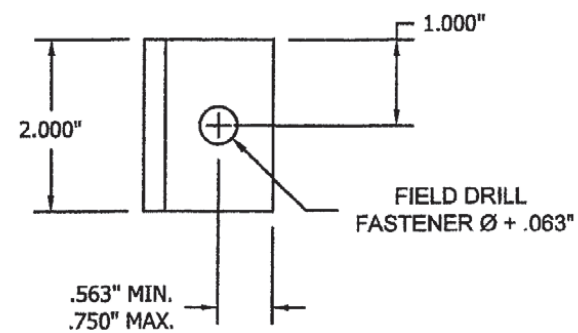
THEODORE BERMAN
LICENSE
No 09814
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
THEODORE BERMAN, P.E.
NO. 09814

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1116.14
Expiration Date 06/14/2028
By Miami-Dade Product Control

TOLERANCES	DWN. BY: CJD	CHK. BY: NLT	APPV'D. BY: MMM	APPV'D. BY:
DECIMAL DIMENSIONS: 3 PLACE XXX ±0.010 2 PLACE XX ±0.020 FRACTION DIMENSIONS: ±1/16 ANGLE DIMENSIONS ±2° USE WIC-007 & 008 UNLESS SPECIFIED OTHERWISE	DATE: 8/07/17	DATE: 10/02/17	DATE: 10/02/17	DATE:
PARTS				

REV. LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D BY:	APPV'D. BY:	ECN	DATE

RUSKIN 3900 DR. GREAVES RD. GRANDVIEW, MO 64030	PLOT SCALE NONE
REV. -	SHEET 11 OF 13
DWG. NO. EME5625MD STANDARD INSTALLATION	60-022462-00D



ITEM 20 ATTACHMENT CLIP ANGLE FOR SHAPES
N.T.S.

THEODORE BERMAN, P.E.
NO. 09814


<p>TOLERANCES DECIMAL DIMENSIONS: 3 PLACE .XXX ± 0.10 2 PLACE .XX ± 0.20 FRACTION DIMENSIONS $\pm 1/16$ ANGLE DIMENSIONS $\pm 2^\circ$ USE WIQ-007 & 008 UNLESS SPECIFIED OTHERWISE</p>	
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By
Miami-Dade Product Control

THEODORE BERMAN, P.E.
NO. 09814

DWN. BY: CJD	CHK. BY: NLT	APPV'D BY: MMM	APPV'D BY:
DATE: 8/07/17	DATE: 10/02/17	DATE: 10/02/17	DATE:

PARTS

REV. LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D BY:	APPV'D. BY:	ECN	DATE
 RUSKIN <small>AUTHORITY IN AIR CONTROL</small>		3900 DR. GREAVES RD GRANDVIEW, MO 64030		PLOT SCALE		
		NONE		ECN: _____		
TITLE		REV. "		SHEET 12 OF 13		
EME5625MD STANDARD INSTALLATION		DWG. NO. 60-022462-00D				

