

Engineering Evaluation Report for:
FL19683, Greenheck model EHV-901D (standard and recessed end jamb setups)
FL19685, Airolite model SCC901MD (standard and recessed end jamb setups)

Manufacturers:

Greenheck Fan Corporation, PO Box 410, 400 Ross Ave, Schofield, WI 54476
The Airolite Company, LLC, PO Box 410, 400 Ross Ave, Schofield, WI 54476

Product Lines:

Greenheck Louver Model EHV-901D (standard and recessed end jamb setups), and equivalent nameplated
Airolite Louver Model SCC901MD (standard and recessed end jamb setups).

Compliance Method:

The above products have been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3 of the FL Administrative Code and comply with the 8th Edition (2023) Florida Building Code.

Product Description:

Aluminum louver with fixed horizontal exterior blades and vertical interior blades with butt-type frame corner construction with blade/frame material as noted in its Miami-Dade NOA.

Performance Summary (for entire product line):

Tested design pressure is +/- 130 PSF. Passed ANSI/AMCA Standard 540-13 (including TAS 203-94) at Enhanced Impact Missile Level E (80 fps impact speed). Passed ANSI/AMCA Standard 550-15. Passed TAS 201-94 (large missile, 50 fps impact speed), TAS 202-94, and TAS 203-94. Product can be used inside and outside of the HVHZ and is impact resistant.

Performance Standards:

1. ANSI/AMCA Standard 540-13, Test Method for Louvers Impacted by Wind Borne Debris.
2. ANSI/AMCA Standard 550-15, Test Method for High Velocity Wind Driven Rain Resistant Louvers.
3. FBC TAS 201-94, Impact Test Procedures.
4. FBC TAS 202-94, Criteria for Testing Impact & Non-Impact Resistant Building Envelope Components Using Uniform Static Air Pressure.
5. FBC TAS 203-94, Criteria for Testing Products Subject to Cyclic Wind Pressure Loading.

Supporting Technical Documents:

1. Approval Documents:
 - a. NOA 26-0128.03 for EHV-901D (standard and recessed end jambs, and standard and recessed mullions), approved on 2-19-2026
 - b. NOA 26-0128.04 for SCC901MD (standard and recessed end jambs, and standard and recessed mullions), approved on 2-19-2026
2. Listing Documents:
 - a. AMCA License Agreement to use the AMCA Listing Label for ANSI/AMCA 540 (Enhanced Impact Missile Level E, 80 fps) and ANSI/AMCA 550 (Test Method for High Velocity Wind Driven Rain Resistant Louvers):
 - i. EHV-901D (standard end jamb setup), dated 7/20/2021
 - ii. SCC901MD (recessed end jamb setup), dated 7/21/2021
 - iii. SCC901MD (standard end jamb setup), dated 7/21/2021
 - b. Greenheck Fan did not apply for an AMCA Listing for the EHV-901D with recessed end jamb setup even though it passed AMCA 540 and AMCA 550 per 3rd party test lab reports.
3. Test Reports:
 - a. Standard (visible) end jamb:
 - i. QCT16-3861.01, Rev. 0, signed and sealed on 3/7/16 by Brian M. Sasman, P.E. of Quast Consulting & Testing, Inc., Mosinee, WI
 1. ANSI/AMCA Standard 540-13 and FBC TAS 203-94
 - ii. F5235.02-801-44, Rev. 0, signed and sealed on 3/22/2016 by Tyler Westerling, P.E., of Intertek/ATI, Plano, TX
 1. ANSI/AMCA Standard 550-15

Engineering Evaluation Report for:
FL19683, Greenheck model EHV-901D (standard and recessed end jamb setups)
FL19685, Airolite model SCC901MD (standard and recessed end jamb setups)

- b. Recessed end jamb:
 - i. QCT16-3862.01, Rev. 0, signed and sealed on 3/7/16 by Brian M. Sasman, P.E. of Quast Consulting & Testing, Inc., Mosinee, WI
 - 1. ANSI/AMCA Standard 540-13 and FBC TAS 203-94
 - ii. F5235.03-801-44, Rev. 0, signed and sealed on 3/22/2016 by Tyler Westerling, P.E., of Intertek/ATI, Plano, TX
 - 1. ANSI/AMCA Standard 550-15
- c. Both Standard (visible) & Recessed end jambs:
 - i. QCT16-3863.01, signed and sealed on 6/1/16 by Brian M. Sasman, P.E. of Quast Consulting & Testing, Inc., Mosinee, WI
 - 1. FBC TAS 201-94, FBC TAS 202-94, and FBC TAS 203-94

Limits and Conditions Use:

- 1. Limits/Conditions are as per their Miami-Dade NOA and AMCA Listing documents.
- 2. Constructed from materials as noted in the NOA Approval Document.
- 3. Maximum Design Pressure is +/- 130 PSF.
- 4. Maximum Panel Size is 60" wide x 120" high.
- 5. Rated to be used inside and outside of the HVHZ.
- 6. Impact resistant for both Basic Impact Missile Level D (50 fps) and Enhanced Impact Missile Level E (80 fps).
- 7. With blades fully open, the louver may be installed in a location where the room behind the louver is NOT designed to drain water penetrating into the room and the room may house NON-water resistant/proof equipment, components, and/or supplies.

Installation:

Must be installed in accordance with its Miami-Dade NOA document.

Certification of Independence:

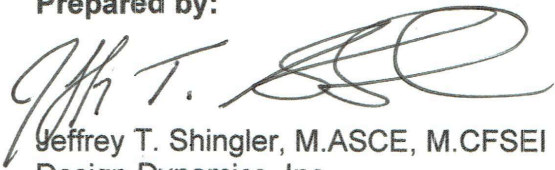
Design Dynamics, Inc. and Robert V. Nangia, P.E. do not have and will not acquire a financial interest in any company manufacturing or distributing the products for which this report is being issued. Design Dynamics, Inc., and Robert V. Nangia, P.E. do not have and will not acquire a financial interest in any other entity involved in the approval process of the above listed products.

Statement of Standard Equivalency:

The requirements of AMCA 550-15 (as tested) meet or exceed the requirements of AMCA 550-15 (Rev 9-18) for the purpose of evaluating the above referenced product testing for High Velocity Wind Driven Rain per the 8th Edition (2023) Florida Building Code.

Evaluation Report By and PE Stamp:

Prepared by:


Jeffrey T. Shingler, M.ASCE, M.CFSEI
Design Dynamics, Inc.

Reviewed by:

Robert V. Nangia, PE

Robert
Nangia
a

Digitally signed
by Robert
Nangia
Date:
2026.03.19
17:12:11 -05'00'





**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/building

**Greenheck Fan Corporation
1110 Greenheck Drive (PO Box 410)
Schofield, WI 54476**

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 EHV-901D Aluminum Louver

APPROVAL DOCUMENT: Drawing No. **EHV-901D**, titled "EHV-901D Standard and Recessed Jamb", sheets 1 through 11 of 11, dated 05/23/2016, prepared by the manufacturer, signed and sealed by Chander P. Nangia, P.E. on 01/05/2026, bearing the Miami-Dade County Product Control renewal 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, Schofield, WI or Shelby, NC, model/ series, and the statement reading: "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 **renews NOA No. 23-1030.03** and consists of page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



02/12/26

**NOA No. 26-0128.03
Expiration Date: July 28, 2031
Approval Date: February 19, 2026
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS *(Submitted under NOA No. 16-0607.11)*

1. Drawing No. **EHV-901D**, titled "EHV-901D, Standard and Recessed Jamb", sheets 1 through 11 of 11, dated 05/23/16, prepared by the manufacturer, signed and sealed by Chander P. Nangia, P.E.

B. TESTS *(Submitted under NOA No. 16-0607.11)*

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 EHV-901D (Visible/Recessed Jamb) aluminum louvers, prepared by Quast Consulting & Testing, Inc, Report No. **QCT16-3863.01**, dated 06/01/16, signed and sealed by Brian M. Sasman, P.E.
2. Test Report on High Velocity Wind Driven Rain Resistance per AMCA 550-15 (Equivalent to AMCA 550-08/09) of a Model EHV-901D (Standard/Visible Jamb) aluminum louver, prepared by Intertek/Architectural Testing, Inc, Test Report No. **F5235.02-801-44**, dated 03/02/16, signed and sealed by Tyler Westerling, P.E. *(Submitted under NOA No. 16-0607.11)*
3. Test Report on High Velocity Wind Driven Rain Resistance per AMCA 550-15 (Equivalent to AMCA 550-08/09) of a Model EHV-901D (Recessed Jamb) aluminum louver, prepared by Intertek/Architectural Testing, Inc, Test Report No. **F5235.03-801-44**, dated 03/02/16, signed and sealed by Tyler Westerling, P.E. *(Submitted under NOA No. 16-0607.11)*

C. CALCULATIONS *(Submitted under NOA No. 16-0607.11)*

1. Structural load calculations prepared by manufacturer, dated 05/25/16, signed and sealed by Chander P. Nangia, P.E.
2. Structural load calculations (addendum) prepared by manufacturer, dated 07/05/16, signed and sealed by Chander P. Nangia, P.E. *(Submitted under NOA No. 16-0607.11)*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 26-0128.03
Expiration Date: July 28, 2031
Approval Date: February 19, 2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

F. STATEMENTS (*Submitted under NOA No. 21-0526.06*)

1. Statement letter of code conformance to the **FBC 7th Edition (2020)** and of no financial interest, dated May 13, 2021, issued by manufacturer, signed and sealed by Chander P. Nangia, P.E.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **EHV-901D**, titled "EHV-901D Standard and Recessed Jamb", sheets 1 through 11 of 11, dated 05/23/2016, prepared by the manufacturer, signed and sealed by Chander P. Nangia, P.E. on 01/05/2026.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

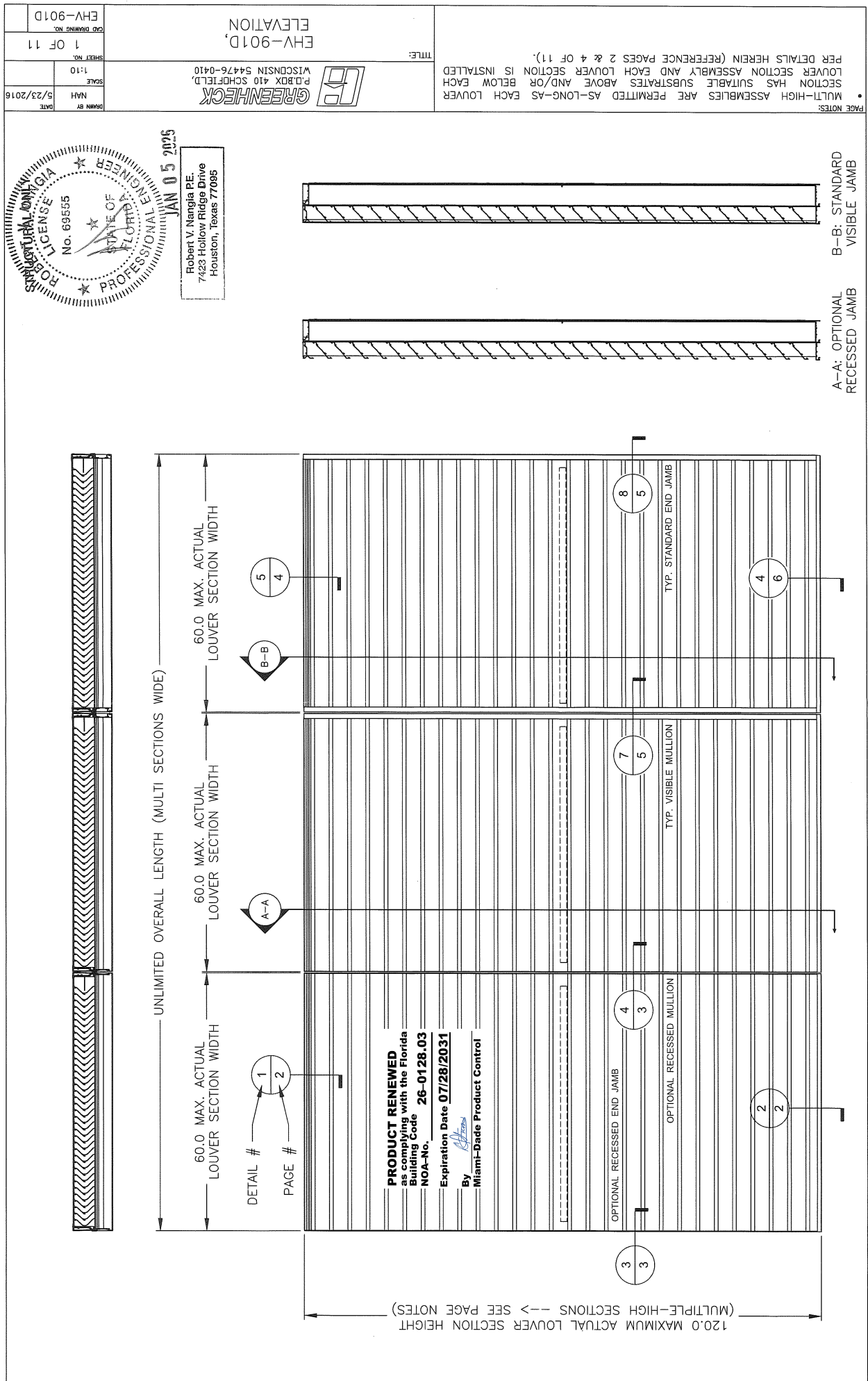
1. None.

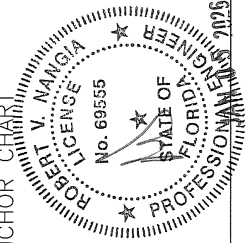
F. STATEMENTS

1. Statement letter of code conformance with the 8th edition (2023) of the FBC, and of no financial interest, issued by manufacturer, dated 01/03/2026, signed and sealed by Robert V. Nangia, P.E.

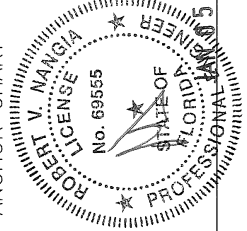
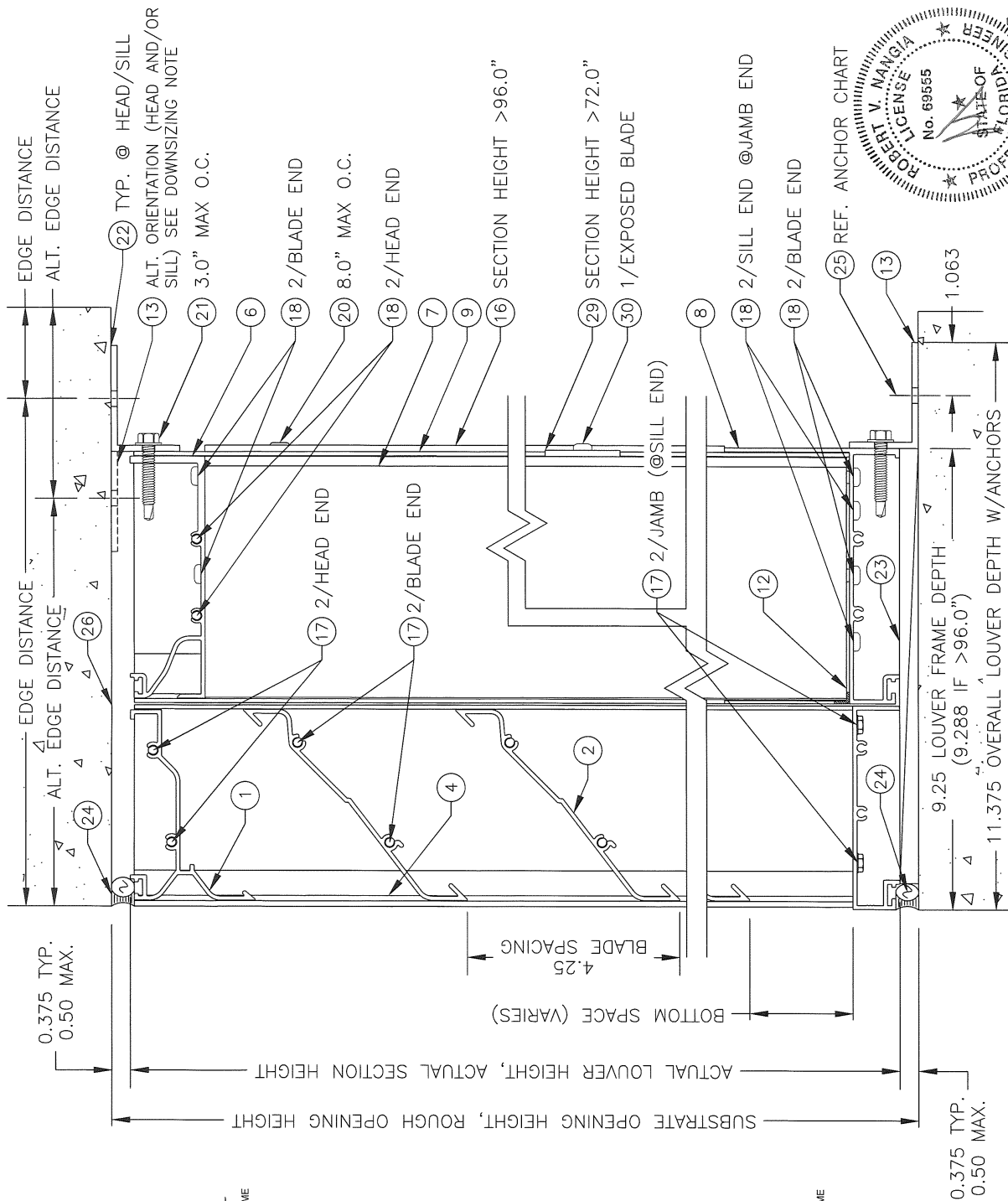


Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 26-0128.03
Expiration Date: July 28, 2031
Approval Date: February 19, 2026





By Miami-Dade Product Control



2026

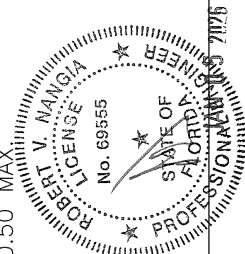
STANDARD LOUVER HEIGHT DOWNIZING IS 0.375 PER END (0.750 OVERALL TOTAL) WHEN ORDERED BASED ON ROUGH OPENING SIZING.

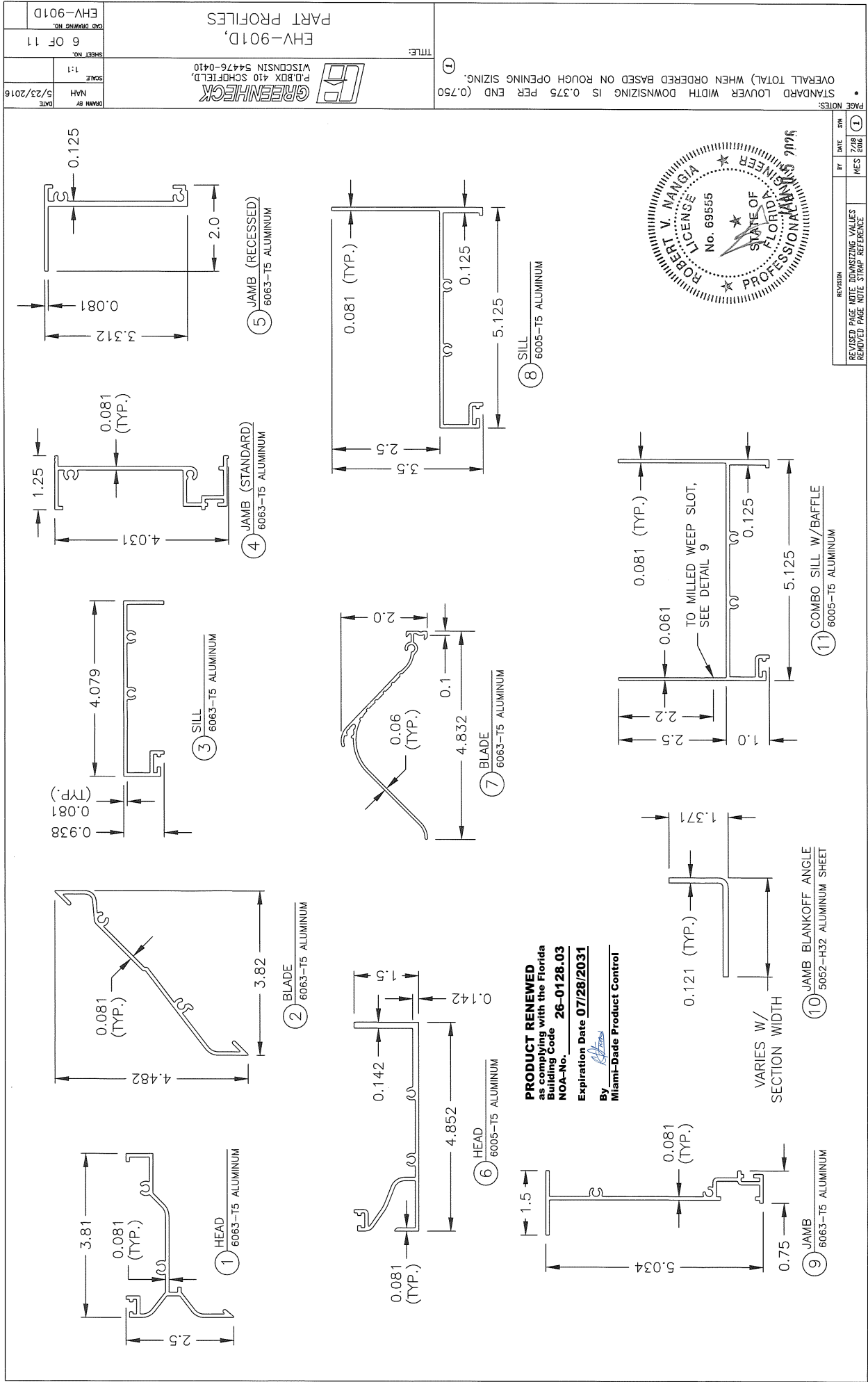
EHV-901D, STANDARD JAMB,
HEAD & SILL DETAILS



GREENHECK
P.O. BOX 410 SCHOFFIELD,
WISCONSIN 54476-0410

DATE	5/23/2016	SCALE 1:1	SHEET NO. 4 OF 11	CADD DRAWING NO. EHV-901D
DESIGNED BY NAH				





PRODUCT RENEWED
as complying with the Florida
Building Code **26-0128.03**
NOA-No. **26-0128.03**

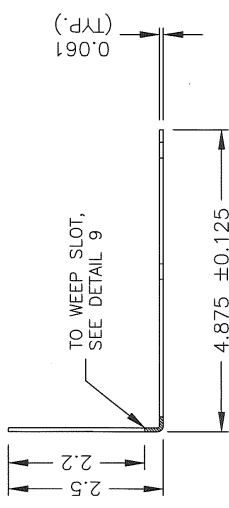
Expiration Date **07/28/2031**
By **Attn: Miami-Dade Product Control**

9 7 SILL BAFFLE LAYOUT DETAIL
SCALE 1/1
TYPICAL ITEMS 8 AND 11

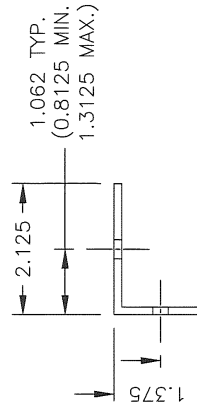
REVISION	DATE	BY	CHK	SYN
ADDED ITEM 29 REVISED PAGE NOTE STRAP REFERENCE	7/18/2016	MCS		1

SHEET NO.	7 OF 11	CAD DRAWING NO.	EHV-901D
SCALE	1:1	DATE	5/23/2016
GRAPHIC BY	NAH		

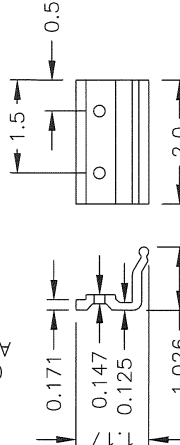
GREENHECK
P.O. BOX 410 SCHOFIELD,
WISCONSIN 54476-0410



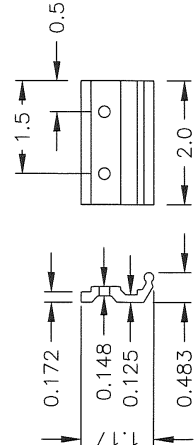
12 SILL BAFFLE
5052-H32 ALUMINUM SHEET OR 6063-T5 ALUM.



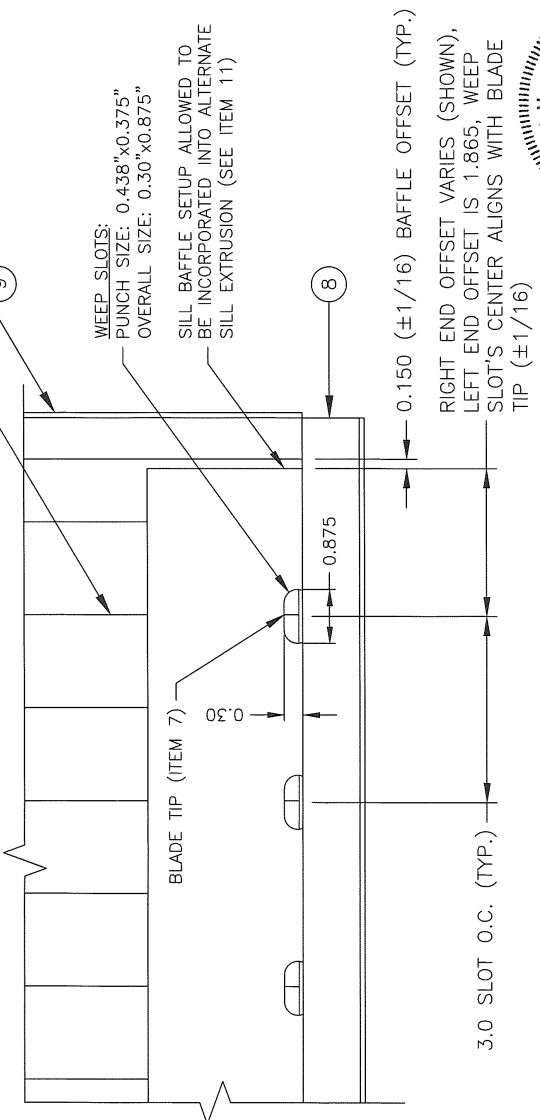
13 CONTINUOUS MOUNTING ANGLE, MILL
6061-T6 ALUMINUM



14 STANDARD LOUVER JAMB CLIP, MILL
6061-T6 ALUMINUM



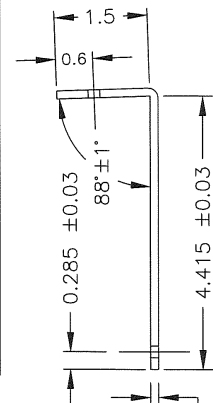
15 RECESSED LOUVER JAMB CLIP, MILL
6061-T6 ALUMINUM



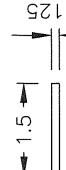
RIGHT END OFFSET VARIES (SHOWN),
LEFT END OFFSET IS 1.865, WEEP
SLOT'S CENTER ALIGNS WITH BLADE
TIP (±1/16)

WEEP SLOTS:
PUNCH SIZE: 0.438"x0.375"
OVERALL SIZE: 0.30"x0.875"

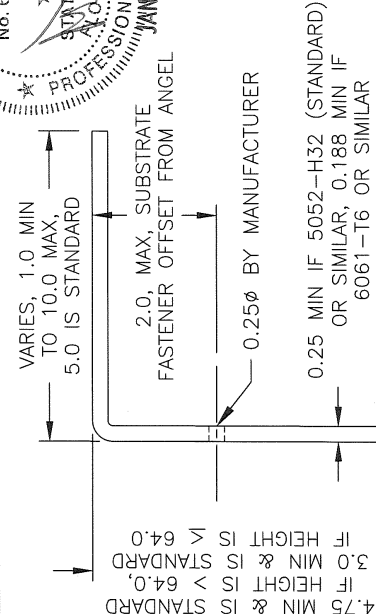
SILL BAFFLE SETUP ALLOWED TO
BE INCORPORATED INTO ALTERNATE
SILL EXTRUSION (SEE ITEM 11)



16 JAMB REINFORCEMENT ANGLE, MILL
300 SERIES STAINLESS STEEL ONLY
WHEN SECTION HEIGHT > 96.0

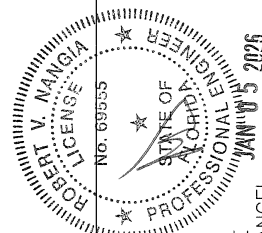


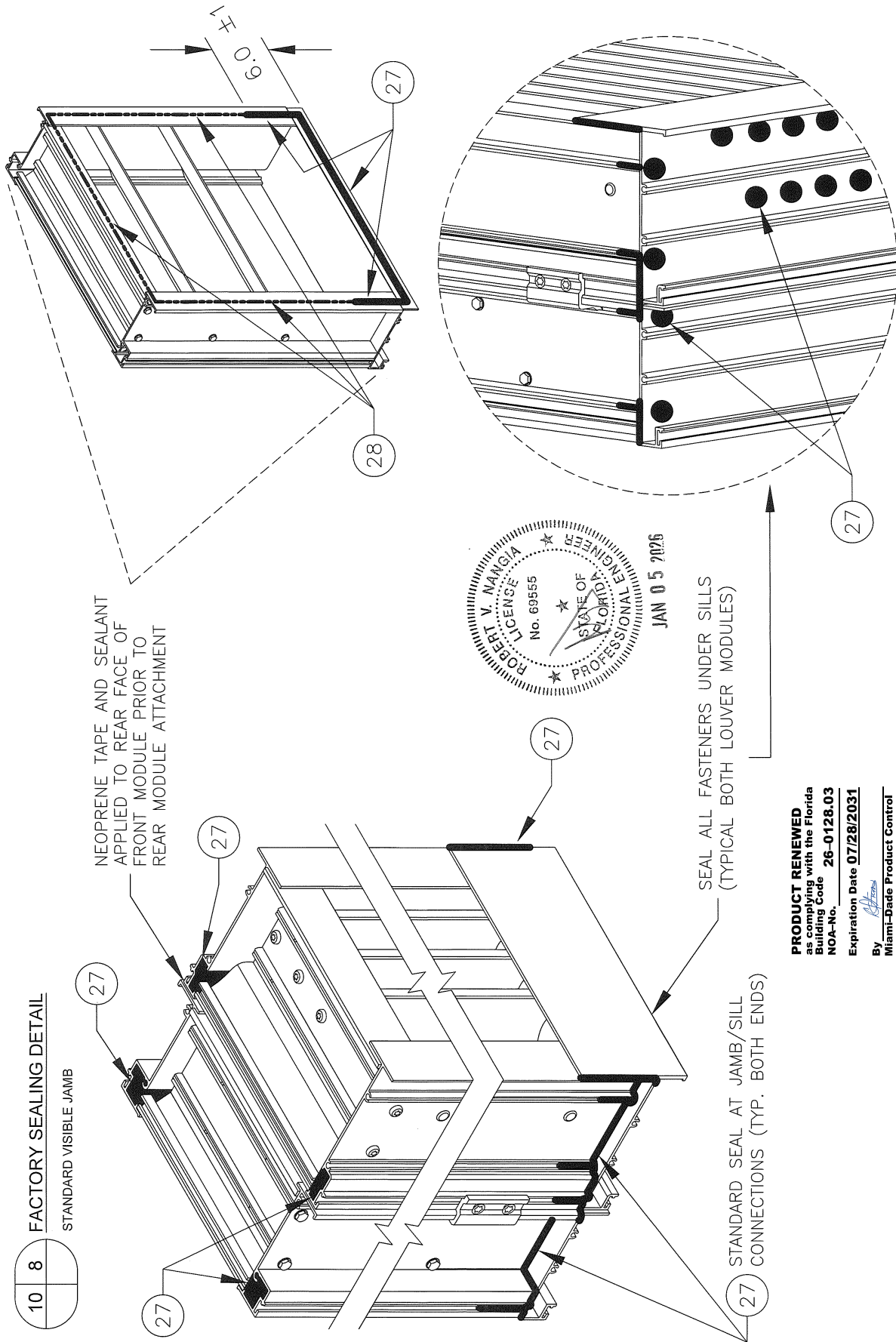
17 BLADE SUPPORT STRAP (SEE PAGE NOTES)
ALLOY VARIES, ALUMINUM
WHEN SECTION HEIGHT > 72.0



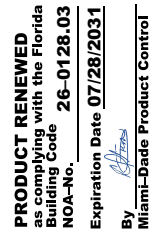
18 SECONDARY CONTINUOUS MOUNTING ANGLE, MILL FINISH
0.188 6061-T6 OR 0.25 5052-H32 ALUMINUM

ALL SHEET METAL PARTS ARE SHOWN AT ACTUAL THICKNESS
OR ENDORSE AMCA 540 PERFORMANCE.
MIAMI-DADE COUNTY DEPT. OF R.E.R. DOES NOT CURRENTLY EVALUATE
ITEM 29 STRAP IS NOT REQUIRED FOR NOA. PER MANUFACTURER, ITEM
29 STRAP IS NOT REQUIRED TO PASS AMCA 540 IMPACT LEVEL D (50
ft/s), BUT IS REQUIRED TO PASS AMCA 540 IMPACT LEVEL E (80 ft/s).





PRODUCT RENEWED
 as complying with the Florida
 Building Code **26-0128.03**
 NOA-No. **26-0128.03**
 Expiration Date **07/28/2031**
 By 
 Miami-Dade Product Control



ITEM	DESCRIPTION	MATERIAL	INTERNAL ID#	NOTES
1	HEAD	6063-T5 ALUMINUM	125312	FRONT MODULE
2	BLADE	6063-T5 ALUMINUM	125049	FRONT MODULE (4.25 O.C. SPACING)
3	SILL	6063-T5 ALUMINUM	125917	FRONT MODULE
4	JAMB (STANDARD)	6063-T5 ALUMINUM	125046	FRONT MODULE (W/STANDARD JAMB OPTION)
5	JAMB (RECESSED)	6063-T5 ALUMINUM	125300	FRONT MODULE (W/RECESSED JAMB OPTION)
6	HEAD	6005-T5 ALUMINUM	126069	REAR MODULE
7	BLADE	6005-T5 ALUMINUM	126016	REAR MODULE (1.5 O.C. SPACING)
8	SILL	6005-T5 ALUMINUM	126070	REAR MODULE
9	JAMB	6063-T5 ALUMINUM	126015	REAR MODULE
10	JAMB BLANK/OFF ANGLE	5052-H32 ALUMINUM	100175	REAR MODULE
11	COMBINATION SILL WITH BAFFLE	6005-T5 ALUMINUM	N/A	ALLOWED TO REPLACE ITEMS 8 AND 10
12	SILL BAFFLE	5052-H32 ALUMINUM	100172	REAR MODULE
13	CONTINUOUS MOUNTING ANGLE, PRIMARY	6061-T6 ALUMINUM	125967	REAR MODULE, AT HEAD AND SILL ONLY, MILL
14	STANDARD LOUVER JAMB CLIP	6061-T6 ALUMINUM	126128	12.5 MAX. CLIP SPACING (STANDARD JAMBS ONLY)
15	RECESSED LOUVER JAMB CLIP	6061-T6 ALUMINUM	126127	12.5 MAX. CLIP SPACING (RECESSED JAMBS ONLY)
16	JAMB REINFORCEMENT ANGLE	300 SERIES SS	190232	REQUIRED WHEN SECTION HEIGHT > 96.0, MILL
17	#10-16x2.25 SCREW	300 SERIES SS	416351	FRONT MODULE (FRAME CORNERS AND BLADE ENDS)
18	#10-16x1.25 SCREW	300 SERIES SS	416196	REAR MODULE (FRAME CORNERS AND BLADE ENDS)
19	#10x1.0L SCREW	300 SERIES SS	416462	TWO PER CLIP, TYPICAL BOTH CLIP STYLES
20	0.188Ø RIVET	300 SERIES SS		8.0 MAX CENTERS
21	1/4-20 SCREW, HILTI KWIK-FLEX, PROVIDED BY LOUVER MANUFACTURER	COATED STEEL	416581	3.0 MAX CENTERS, 0.5 MIN THREAD
22	SHIM/SEPARATE DISSIMILAR MAT'L'S AS REQ'D	VARIES	N/A	BY OTHERS AS NEEDED
23	SHIM, NON-COMPRESSIBLE	VARIES	N/A	BY OTHERS, OPTIONAL
24	SEALANT AND BACKER ROD	VARIES	N/A	BY OTHERS, OPTIONAL
25	SUBSTRATE FASTENER - SEE ANCHOR TABLE (PRIMARY MOUNTING ANGLE)	SEE ANCHOR TABLE	N/A	BY OTHERS, MINIMUM OF ONE TYPE REQUIRED, SEE ANCHOR TABLE FOR ADDITIONAL INFORMATION
26	SUBSTRATE - GROUT FILLED CMU	GROUT FILLED CMU	N/A	BY OTHERS, MINIMUM OF ONE SUBSTRATE TYPE REQUIRED. SEE ANCHOR TABLE FOR NEEDED EDGE DISTANCE, SPACING, EMBEDMENT, ETC. IT IS THE RESPONSIBILITY OF THE PERMIT HOLDER TO VERIFY AND TO FACILITATE SEPARATION OF DISSIMILAR MATERIALS.
	SUBSTRATE - CONCRETE	CONCRETE	N/A	
	SUBSTRATE - STEEL STUD	STEEL	N/A	
	SUBSTRATE - STRUCTURAL STEEL	STEEL	N/A	
	SUBSTRATE - WOOD	WOOD	N/A	
27	SUBSTRATE - ALUMINUM	ALUMINUM	N/A	
	SEALANT	VARIOUS	N/A	FACTORY APPLIED
28	NEOPRENE TAPE	VARIOUS	N/A	FACTORY APPLIED
29	BLADE SUPPORT STRAP	ALUMINUM	N/A	NOT REQUIRED FOR NDA, BUT IS ON UNITS > 72, IS NOT ATTACHED TO JAMBS, CENTERED ON BLADE
30	#10x0.75 SCREW	300 SERIES SS	416108	ONE PER EXPOSED REAR BLADE, USED WITH ITEM 29
31	1/4-14 SCREW, 0.5 MIN THREAD	300/400 SERIES SS	416708	ONLY PROVIDED IF ORDERED WITH ITEM #33, OTHER FASTENER TYPES (BY OTHERS) ALLOWED AS PER FASTENER TABLE FOR ALUMINUM SUBSTRATE.
32	SECONDARY CONTINUOUS MOUNTING ANGLE	VARIES, ALUMINUM	VARIES	0.188 OR 0.25 THICK AS MAT'L TYPE REQUIRES, AT HEAD AND OR SILL ONLY, OPTIONAL, MILL
33	SUBSTRATE FASTENER FOR SECONDARY MOUNTING ANGLE (SEE FASTENER TABLE)	SEE ANCHOR TABLE	N/A	BY OTHERS, MINIMUM OF ONE TYPE REQUIRED, SEE ANCHOR TABLE FOR ADDITIONAL INFORMATION

1. IT IS THE RESPONSIBILITY OF THE PERMIT HOLDER TO VERIFY THE STRUCTURAL INTEGRITY OF THE EXISTING STRUCTURE TO SUPPORT THE LOADS IMPOSED BY THE LOUVER ASSEMBLY. THE LOUVER MANUFACTURER DOES NOT DETERMINE THE STRUCTURAL INTEGRITY OF THE SUBSTRATE STRUCTURE.

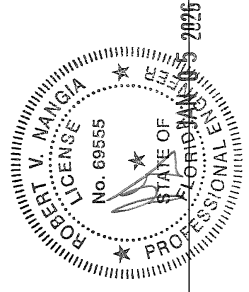
2. THE LOUVER HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH MIAMI-DADE COUNTY PROTOCOLS (AND QUALIFIED IN ACCORDANCE WITH THE CURRENT FLORIDA BUILDING CODE AND TEST PROTOCOLS/STANDARDS THEREIN):
TAS-201 (LARGE MISSILE IMPACT), TAS-202 (UNIFORM STATIC WIND PRESSURE), TAS-203 (UNIFORM CYCLIC WIND PRESSURE), AND ANSI/AMCA STANDARD 550-15 [EQUIVALENT TO AMCA STANDARD 550-08 AND ANSI/AMCA STANDARD 550-09] (HIGH VELOCITY WIND DRIVEN RAIN)

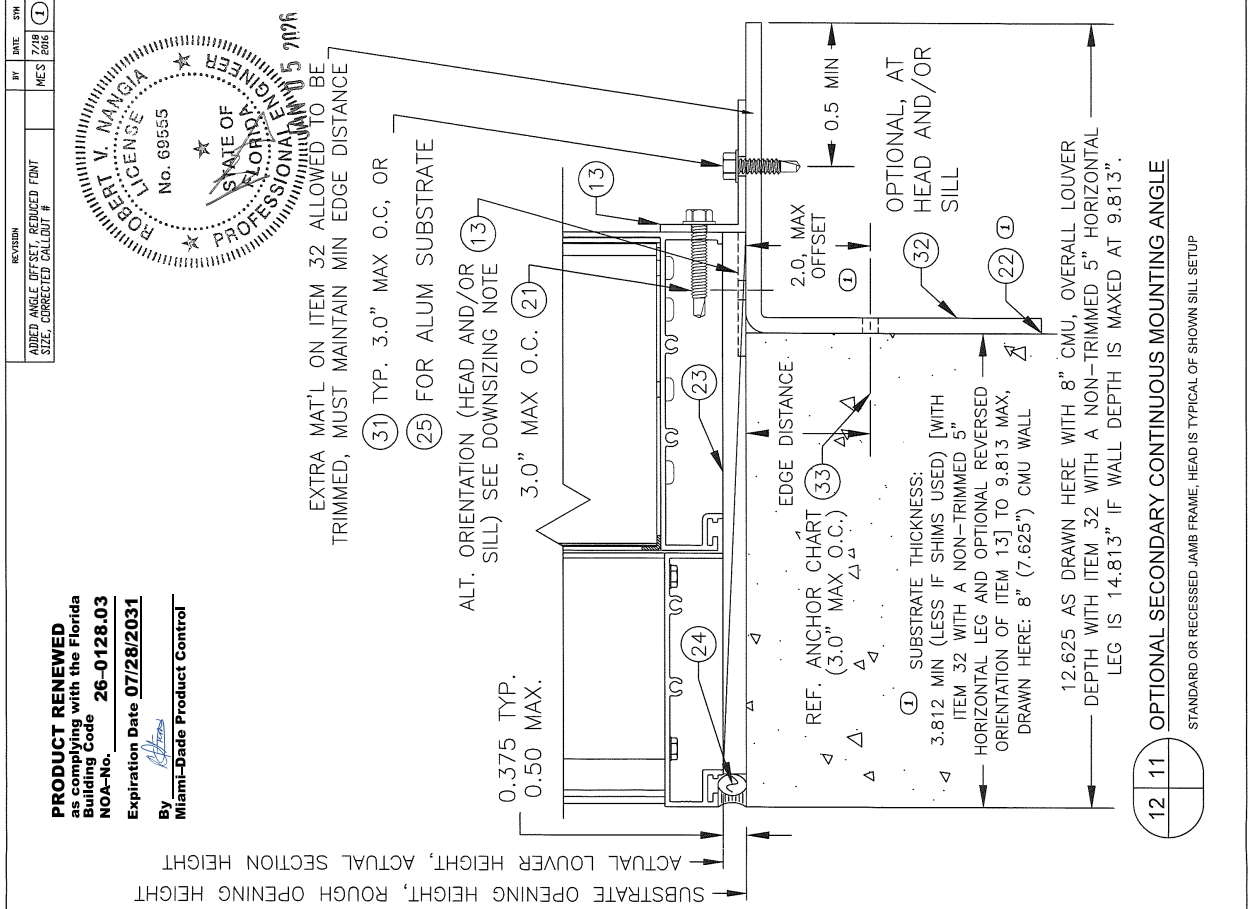
3. THIS LOUVER HAS BEEN DESIGNED, TESTED, AND APPROVED TO WITHSTAND DESIGN PRESSURES OF UP TO AND INCLUDING +/-130PSF.

DATE: 5/23/2016	SCALE: 1:1	SHEET NO.: 10 OF 11	ITEM DESCRIPTIONS & GENERAL NOTES
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- THE MAXIMUM SINGLE SECTION SIZE IS 60.0" WIDE BY 120.0" INCHES HIGH. SECTIONS MAY BE MOUNTED TO CREATE A MULTI-WIDE ASSEMBLY WITHOUT ANY ADDITIONAL FIELD SUPPORT. SINGLE/MULTIPLE-WIDE ASSEMBLIES MAY BE STACKED TO CREATE A MULTI-HIGH ASSEMBLY PROVIDED THERE IS ADEQUATE SUBSTRATE (DESIGNED AND BY OTHERS) AT THE HEAD AND SILL OF EACH SECTION TO SECURE THE HEAD AND SILL MOUNTING ANGLES TO THE SUBSTRATE AS NOTED HEREIN.
- GENERAL LOUVER CONSTRUCTION: HEAD, SILL, JAMBS, AND BLADES FOR ALL CASES ARE EXTRUDED ALUMINUM. THE FRONT MODULE BLADE SPACING IS 4.25". THE REAR MODULE BLADE SPACING IS 1.5". BLADES, HEADS, JAMBS, AND SILLS ARE SECURED WITH TWO SCREWS PER END (TYPICAL FRONT AND REAR MODULES).
- DUE TO PASSING ANSI/AMCA STANDARD 550, THE LOUVER IS DESIGNED TO PREVENT WIND-DRIVEN RAIN FROM PENETRATING THE SPACE BEHIND THE LOUVER. AS SUCH, THE LOUVER MAY BE INSTALLED IN A LOCATION WHERE THE SPACE/ROOM BEHIND THE LOUVER IS NOT DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM OR THE ROOM WILL HOUSE NON-WATER RESISTANT/PROOF EQUIPMENT, COMPONENTS, OR SUPPLIES.
- INSTALLER TO PROVIDE SEPARATION OF DISSIMILAR MATERIALS AS REQUIRED (SEE CURRENT FLORIDA BUILDING CODE). SEE OLDER 2010 FL BUILDING CODE SECTION 2003.8.4 FOR ADDITIONAL INFORMATION ON SEPARATION OF DISSIMILAR MATERIALS.
- ALL ALUMINUM, STAINLESS STEEL (SS), AND PLATED/COATED STEEL PARTS PROVIDED BY MANUFACTURER ARE INHERENTLY CORROSION RESISTANT OR HAVE A CORROSION RESISTANT COATING.
- STEEL, STAINLESS STEEL, AND ALUMINUM PARTS MAY BE MADE OUT OF ALTERNATE ALLOYS THAT HAVE EQUAL OR GREATER YIELD STRENGTH. PART DIMENSIONS ARE MINIMUMS UNLESS DEFINED OTHERWISE.
- THE PART'S INTERNAL ID# SHOWN ON THIS PAGE ARE FOR FACTORY USE AND TRACKING PURPOSES AND MAY BE UPDATED AT ANY TIME. ANY UPDATES WILL NOT ALTER THE ITEM AS DESCRIBED HEREIN. ALL DIMENSIONS ARE IMPERIAL. SS = STAINLESS STEEL.





ITEM 26, SUBSTRATE									
TYPE	MATERIAL	THICKNESS MIN.	DIA.	TYPE (ALL FASTENERS ARE HEX HEAD STYLE)	MAT'L	SPACING	EDGE MIN.	EMB'D. MIN.	WASHER/FLANGE
WOOD	G 2.042	3	3/8	LAG SCREW	*	6	1 1/2	2 7/8	NA
STEEL	A36	16 GA	1/4-20	BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	*	3	3/4	16 GA	NA
ALUMINUM	6063-T5	1/8	1/4-20	BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	*	3	1/2	1/8	NA
CONCRETE	NOTE 4	2.5 KSI 2.5 KSI 2.5 KSI 3.4 KSI 2.9 KSI 2.3 KSI 3 KSI	3/8	POWERS WEDGE-BOLT PLUS POWERS 316 STAINLESS STEEL WEDGE-BOLT ELCDO CRETE-FLEX SS4, FLANGED HEAD ELCDO ULTRACON SS4 ELCDO AGGREG-GATOR BUILDDEX TAPCON (BLUE, WHITE, OR 410 SS) BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	3/8	3	2 1/2	2 1/2	NA
ITEM 26, SUBSTRATE									
TYPE	MATERIAL	THICKNESS MIN.	DIA.	TYPE (ALL FASTENERS ARE HEX HEAD STYLE)	MAT'L	SPACING	EDGE MIN.	EMB'D. MIN.	WASHER/FLANGE
WOOD	G 2.042	3	3/8	LAG SCREW	*	6	1 1/2	2 7/8	NA
STEEL	A36	16 GA	1/4-20	BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	*	3	3/4	16 GA	NA
ALUMINUM	6063-T5	1/8	1/4-20	BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	*	3	1/2	1/8	NA
CONCRETE	NOTE 4	2.5 KSI 2.5 KSI 2.5 KSI 3.4 KSI 2.9 KSI 2.3 KSI 3 KSI	3/8	POWERS WEDGE-BOLT PLUS POWERS 316 STAINLESS STEEL WEDGE-BOLT ELCDO CRETE-FLEX SS4, FLANGED HEAD ELCDO ULTRACON SS4 ELCDO AGGREG-GATOR BUILDDEX TAPCON (BLUE, WHITE, OR 410 SS) BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	3/8	3	2 1/2	2 1/2	NA
ITEM 33, SECONDARY CONTINUOUS MOUNTING ANGLE SUBSTRATE FASTENER									
TYPE	MATERIAL	THICKNESS MIN.	DIA.	TYPE (ALL FASTENERS ARE HEX HEAD STYLE)	MAT'L	SPACING	EDGE MIN.	EMB'D. MIN.	WASHER/FLANGE
WOOD	G 2.042	3	3/8	LAG SCREW	*	6	1 1/2	2 7/8	NA
STEEL	A36	16 GA	1/4-20	BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	*	3	3/4	16 GA	NA
ALUMINUM	6063-T5	1/8	1/4-20	BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	*	3	1/2	1/8	NA
CONCRETE	NOTE 4	2.5 KSI 2.5 KSI 2.5 KSI 3.4 KSI 2.9 KSI 2.3 KSI 3 KSI	3/8	POWERS WEDGE-BOLT PLUS POWERS 316 STAINLESS STEEL WEDGE-BOLT ELCDO CRETE-FLEX SS4, FLANGED HEAD ELCDO ULTRACON SS4 ELCDO AGGREG-GATOR BUILDDEX TAPCON (BLUE, WHITE, OR 410 SS) BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	3/8	3	2 1/2	2 1/2	NA
ITEM 33, SECONDARY CONTINUOUS MOUNTING ANGLE SUBSTRATE FASTENER									
TYPE	MATERIAL	THICKNESS MIN.	DIA.	TYPE (ALL FASTENERS ARE HEX HEAD STYLE)	MAT'L	SPACING	EDGE MIN.	EMB'D. MIN.	WASHER/FLANGE
WOOD	G 2.042	3	3/8	LAG SCREW	*	6	1 1/2	2 7/8	NA
STEEL	A36	16 GA	1/4-20	BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	*	3	3/4	16 GA	NA
ALUMINUM	6063-T5	1/8	1/4-20	BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	*	3	1/2	1/8	NA
CONCRETE	NOTE 4	2.5 KSI 2.5 KSI 2.5 KSI 3.4 KSI 2.9 KSI 2.3 KSI 3 KSI	3/8	POWERS WEDGE-BOLT PLUS POWERS 316 STAINLESS STEEL WEDGE-BOLT ELCDO CRETE-FLEX SS4, FLANGED HEAD ELCDO ULTRACON SS4 ELCDO AGGREG-GATOR BUILDDEX TAPCON (BLUE, WHITE, OR 410 SS) BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	3/8	3	2 1/2	2 1/2	NA