



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

Babcock-Davis
9300 73rd Avenue North
Brooklyn Park, MN 55428

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: Hurricane Zone and Personnel Series BG and BA Steel and Aluminum Roof Hatch

APPROVAL DOCUMENT: Drawing titled "Roof Hatch, Hurricane Zone and Personnel Series Single Door, Single Wall Curb, Single-Point and Two-Point Latch", sheets 1 through 16 of 16, dated 03/17/2017, prepared by Babcock-Davis, signed and sealed by Wayne K. Helmila, P.E. on 11/16/2021, bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state 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 **renews** and **revises** **NOA # 18-0110.05** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

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



NOA No. 21-1201.02
Expiration Date: May 25, 2027
Approval Date: January 27, 2022
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS “Submitted under NOA #17-0703.03”

1. Drawing No. **Door Hatch Assembly**, titled “Roof Hatch, Hurricane Zone Series Single Door, Single Wall Curb, Single Point and Two Point Latch”, sheets 1 through 16 of 16, 06/22/2017, prepared by Babcock-Davis, signed and sealed by Wayne K. Helmila, P.E.

B. TESTS “Submitted under NOA #17-0207.12”

1. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94,
5) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of Model RHHA48X48S1T Aluminum Roof Hatch/Single Door, prepared by Element Materials Technology, Test Report No. **ESP023828P-A4848N.2A Rev2**, dated 10/18/2016, signed and sealed by Jason R. Steen, P.E.
2. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94,
5) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of Model RHHG48X48S1T Galvaneal A653 Roof Hatch/Single Door, prepared by Element Materials Technology, Test Report No. **ESP023828P-G4848N.3A Rev2**, dated 10/18/2016, signed and sealed by Jason R. Steen, P.E.
3. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94,
5) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of Model RHHG30X96S1T Galvaneal A653 Roof Hatch/Single Door, prepared by Element Materials Technology, Test Report No. **ESP023828P-G3096N.1A Rev2**, dated 10/18/2016, signed and sealed by Jason R. Steen, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 21-1201.02
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS “Submitted under NOA #17-0207.12” (Continued)

4. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94,
5) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of Model RHHA30X96S1T Aluminum Roof Hatch/Single Door, prepared by Element Materials Technology, Test Report No. **ESP023828P-A3096N.4A Rev2**, dated 10/18/2016, signed and sealed by Jason R. Steen, P.E.

C. CALCULATIONS “Submitted under NOA #17-0207.12”

1. Anchoring calculations prepared by Rice Engineering, dated 12/29/2016, signed and sealed by Wayne K. Helmila, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS “Submitted under NOA #17-0703.03”

1. Notice of Acceptance issued to Firestone Building Products Company, LLC for their Firestone Polyisocyanurate Foam Insulation, approved on 05/09/2013 and expiring on 06/05/2018.
2. UL Certification #BRYX.R13184 issued to Diversifoam Products Inc. for their EPS foam plastic insulation.

F. STATEMENTS “Submitted under NOA #17-0207.12”

1. Statement letter of code conformance to 5th edition (2014) FBC issued by Rice Engineering, dated 01/18/2017, signed and sealed by Wayne K. Helmila, P.E.
2. Statement letter of no financial interest issued by Rice Engineering, dated 01/18/2017, signed and sealed by Wayne K. Helmila, P.E.



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2. EVIDENCE SUBMITTED UNDER NOA # 18-0110.04

A. DRAWINGS

1. None.

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 **FBC 6th Edition (2017)**, dated December 19, 2017, issued by Rice Engineering, signed and sealed by Wayne K. Helmila, P.E.



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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing titled "Roof Hatch, Hurricane Zone and Personnel Series Single Door, Single Wall Curb, Single-Point and Two-Point Latch", sheets 1 through 16 of 16, dated 03/17/2017, prepared by Babcock-Davis, signed and sealed by Wayne K. Helmila, P.E. on 11/16/2021.

B. TESTS "*Submitted under NOA # 21-1201.01*"

1. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94 (Level E, 80 ft/sec),
5) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of Model RHHA48X48S1T Aluminum Roof Hatch/Single Door, prepared by Element Materials Technology, Test Report No. **ESP023828P-A4848N.2A Rev3**, dated 10/18/2016, revised on 10/12/2021, signed and sealed by Jason R. Steen, P.E.
2. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94 (Level E, 80 ft/sec),
5) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of Model A3096 Aluminum Roof Hatch/Single Door, prepared by Intertek, Test Report No. **M5878.01-201-18 R0**, dated 08/09/2021, signed and sealed by Vinu J. Abraham, P.E.
3. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94 (Level E, 80 ft/sec),
5) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of Model G3096 Galvannealed Roof Hatch/Single Door, prepared by Intertek, Test Report No. **M5880.01-201-18 R0**, dated 08/09/2021, signed and sealed by Vinu J. Abraham, P.E.



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B. TESTS (Continued)

4. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94 (Level E, 80 ft/sec),
5) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of Model RHHA30X96S1T Aluminum Roof Hatch/Single Door, prepared by Element Materials Technology, Test Report No. **ESP023828P-A3096N.4A Rev3**, dated 10/18/2016, revised on 10/12/2021, signed and sealed by Jason R. Steen, P.E.

C. CALCULATIONS “Submitted under NOA # 21-1201.01”

1. Anchoring calculations prepared by Rice Engineering, dated 11/05/2021, signed and sealed by Wayne K. Helmila, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

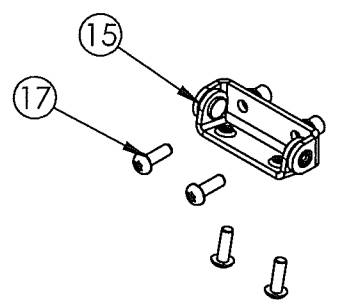
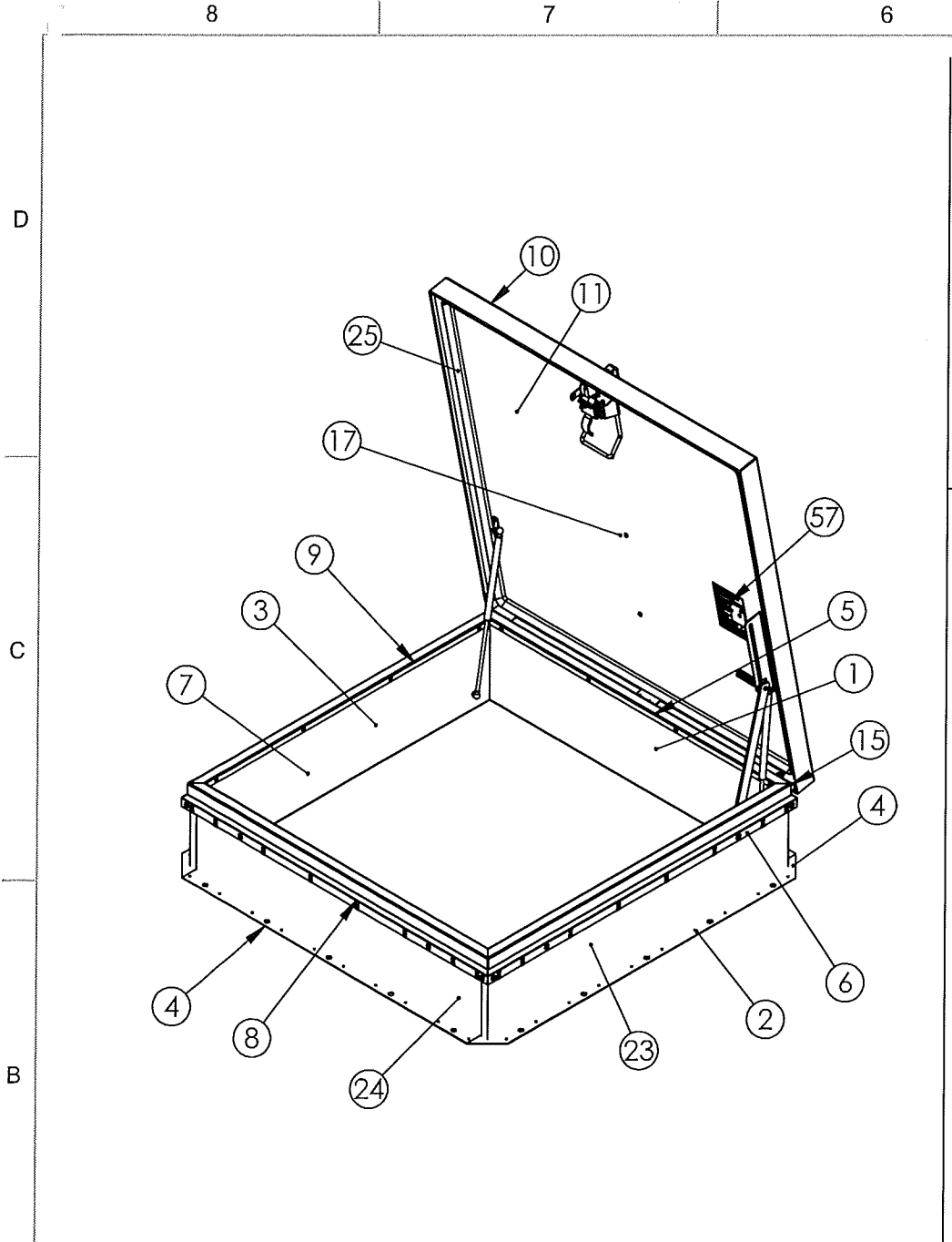
1. None.

F. STATEMENTS

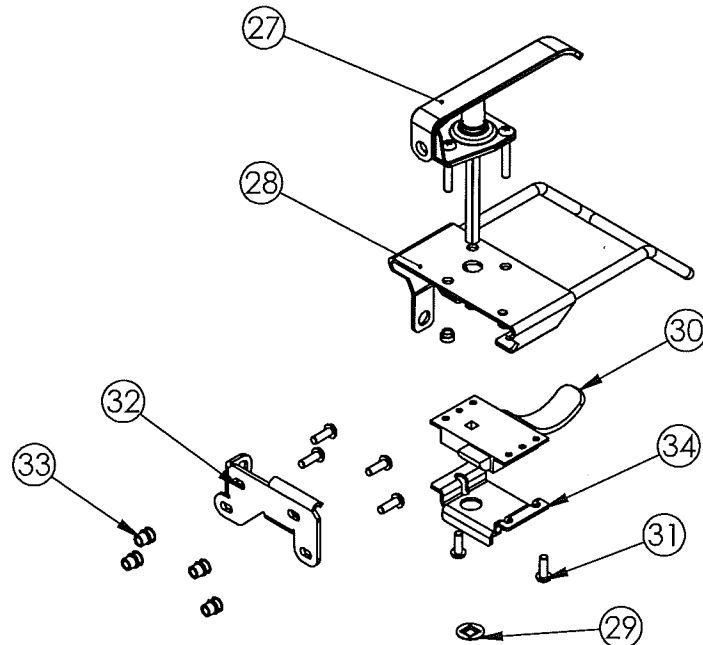
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2. Statement letter of no financial interest, issued by Rice Engineering, dated 11/15/2021, signed and sealed by Wayne K. Helmila, P.E.



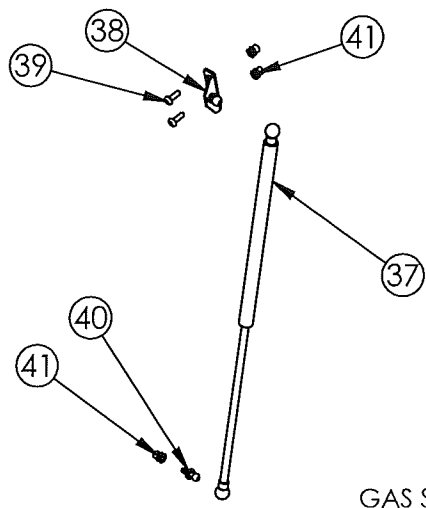
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 21-1201.02
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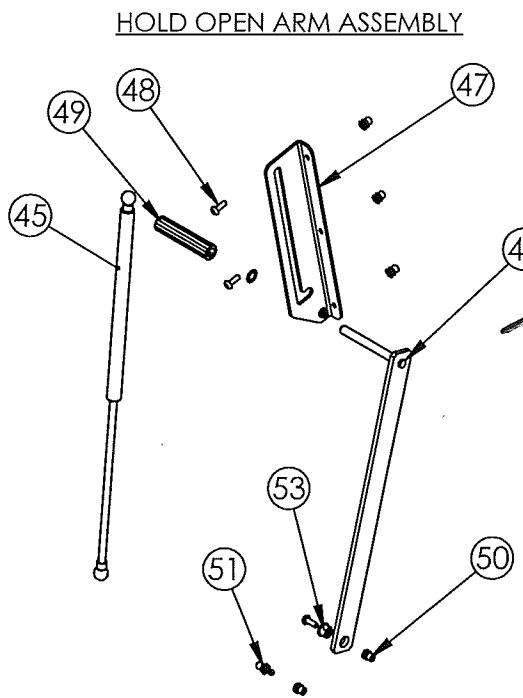
HINGE ASSEMBLY



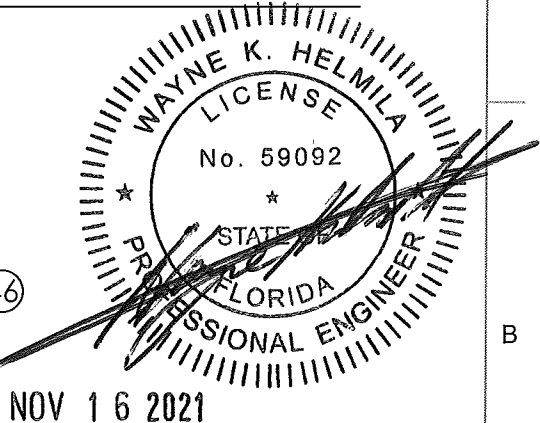
SINGLE POINT LATCH ASSEMBLY



GAS SPRING ASSEMBLY



HOLD OPEN ARM ASSEMBLY




RICE
ENGINEERING
105 School Creek Trail
Luxemburg, WI 54217
Phone: (920) 617-1042
Fax: (920) 617-1100
www.rice-inc.com
Florida Firm No: F-01000005061
Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092



















- NOTES:
- 1) THE DESIGN CONTAINED HEREIN IS DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE: TEST PROTOCOL TAS-201, TAS 202, TAS-203
 - 2) THE SHORT TERM LOAD FACTOR HAS NOT BEEN USED.
 - 3) PRODUCT APPROVED UP TO A INSIDE AREA OF 16.00 SF (WIDTH * LENGTH ≤ 16.00 SF).
 - 4) ATTACHMENT TO STRUCTURE SHALL MEET THE FOLLOWING ALLOWABLE LOAD CONDITIONS. THE VALUES PROVIDED ASSUME THE ATTACHMENT DIRECTLY TO THE STRUCTURAL ELEMENTS WITHOUT SPACE. ALLOWABLE MINIMUM LOAD VALUES PULLOUT: 1,120 LBS. SHEAR: 324 LBS.
 - 5) USE THE FASTENER MANUFACTURES RECOMMENDED SAFETY FACTORS. IF DIFFERENT CONDITIONS EXIST, CONTACT NYSTROM OR A FLORIDA LICENSED ENGINEER FOR CONSULTATION.
 - 6) ALL LABELS TO BE LOCATED IN APPROXIMATE LOCATIONS AS SHOWN.
 - 7) PROTECTION BETWEEN ALUMINUM & DISSIMILAR MATERIALS MUST BE PROVIDED PER ALUMINUM DESIGN MANUAL



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1201.02
Expiration Date 05/25/2027
By *[Signature]*
Miami-Dade Product Control

DESIGN PRESSURE RATING	IMPACT RATING	WATER FILTRATION
+/- 70 PSF	LARGE MISSILE IMPACT	100%DP WITH ZERO WATER FILTRATION

 9300 73rd Avenue North Brooklyn Park, MN 55428		TITLE: Roof Hatch, Hurricane Zone Series Single Door, Single Wall Curb Single Point Latch	
		NAME DKL	DATE 10/10/2016
RELEASED	IMT	3/21/2017	SIZE DWG. NO. B DOOR HATCH ASSEMBLY
WEIGHT: Weight		SHEET 01 OF 16	

Building Code: FBC 2020 - Project No: R20-12-226

ITEM	QTY.	PART NUMBER	DESCRIPTION
		CURB ASSEMBLY	
	1	CurbHinge	CURB - HINGE SIDE
	1	CurbBottom	CURB - BOTTOM SIDE
	1	CurbTop	CURB - TOP SIDE
	1	CurbLatch	CURB - LATCH SIDE
		CAP FLASH ASSEMBLY	
	1	CflshHinge	CAP FLASH - HINGE SIDE
	1	CflshBtm	CAP FLASH - BOTTOM SIDE
	1	CflshTop	CAP FLASH - TOP SIDE
	1	CflshLatch	CAP FLASH - LATCH SIDE
	22	28544	BUTTON HD TORX SCREW, 1/4 x .75, 3 PT, (ZPS)
		COVER ASSEMBLY	
	1	Cover	COVER
	1	Liner	COVER LINER
	2	Stiffener Side	STIFFENER - TOP/BOTTOM
	1	Stiffer Latch	STIFFENER - LATCH SIDE
	1	Stiffener Mid	STIFFENER - MIDDLE
	3	28719	ASSY, HINGE, (ZPS)
	20	28544	BUTTON HD TORX SCREW, 1/4 x .75, 3 PT, (ZPS)
	9	4359	RIVNUT, 1/4-20, .027-.165 GRIP
	1	29898	BRKT, SUPPORT, HINGE, (ZPS)
		INSULATION AND GASKET	
23	2	RHInsulationTopBottom	INSULATION, 1" POLY ISO R-6
24	2	RHInsulationLatchHinge	INSULATION, 1" POLY ISO R-6
25	1	RHGasketCover	GASKET, RH, (EPDM), 1.125" x 0.655" CLOSED CELL FOAM
		LATCH ASSEMBLY - SINGLE POINT	
27	1	29860	HDL, PADLOCKING, STL, (ZPS)
28	1	29870	HANDLE
29	1	29903	NUT, PUSH, TINNERMAN, 5/16 SQ, (BLK PHOS)
30	1	1297	LATCH, SLAM, (ZPS)
31	7	28544	BUTTON HD TORX SCREW, 1/4 x .75, 3 PT, (ZPS)
32	1	30336	BRKT, LATCH CATCH
33	4	4359	RIVNUT, 1/4-20, .027-.165 GRIP (ALUM)
34	1	30337	BRKT, LATCH, SUPPORT

ITEM	QTY	PART NUMBER	DESCRIPTION
		GAS SPRING ASSEMBLY	
	1	29880	GAS SPRING, 56 LBF
	1	29881	GAS SPRING, 112 LBF
	1	29878	BRKT, BALL STUD, SPG, (ZPS)
	2	28544	BUTTON HD TORX SCREW, 1/4 x .75, 3 PT, (ZPS)
	1	29879	BALL STUD, 10MM, 1/4-20, (ZPS)
	3	4359	RIVNUT, 1/4-20, .027-.165 GRIP (ALUM)
		LIFTING/HINGE SUPPORT ASSEMBLY	
	1	29880	GAS SPRING, 56 LBF
	1	29881	GAS SPRING, 112 LBF
46	1	29863	ARM, HOA, STL, (ZPS)
47	1	29890	BRKT, HOA/SPG, (ZPS)
48	4	28544	BUTTON HD TORX SCREW, 1/4 x .75, 3 PT, (ZPS)
49	1	2934	HDL, RED GRIP, (VINYL)
50	5	4359	RIVNUT, 1/4-20, .027-.165 GRIP (ALUM)
51	1	29879	BALL STUD, 10MM, 1/4-20, (ZPS)
53	1	29895	BEARING, HOA, (ZPS)
		LABELS & MISC.	
56	1	29905	LABEL, 4" x 6", MODEL NUMBER
57	1	29906	LABEL, HANDLE RELEASE
58	1	29907	LABEL, INSTALLATION, 5X7,
	-	-	2" FIBERGLASS TAPE
	-	28096	SILICONE

STANDARD MODEL NUMBERS:

BG3630	BA3630
BG3636	BA3636
BG3054	BA3054
BG4848	BA4848

NOTE:

NOTE:
NUMBER OF ANCHORS RANGES
BETWEEN 2 AND 4 PER SPACING
DIMENSIONS ON SHEET 4.

CUSTOM MODEL NUMBERS:

BA W X* L (WHERE W = 18" - 48" AND L = 18" - 60")**
BG W X* L (WHERE W = 18" - 48" AND L = 18" - 60")**

*"X" OMITTED ON NON-FRACTIONAL WIDTH AND LENGTHS
 ** AREA NOT TO EXCEED 16 SQ. FT.

RICE
ENGINEERING

105 School Creek Trail
Luxemburg, WI 54217
Phone: (920) 617-1042
Fax: (920) 617-1100
www.rice-inc.com

Florida Firm No: F-01000005061
Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092

▶ MATERIAL THICKNESS TO BE DIFFERENT ON STEEL AND ALUMINUM MODELS

△₂ QTY VARIES PER HATCH SIZE

③ REQUIRED ON ALUMINUM VERSIONS

4 NOT REQUIRED ON ALUMINUM VERSIONS

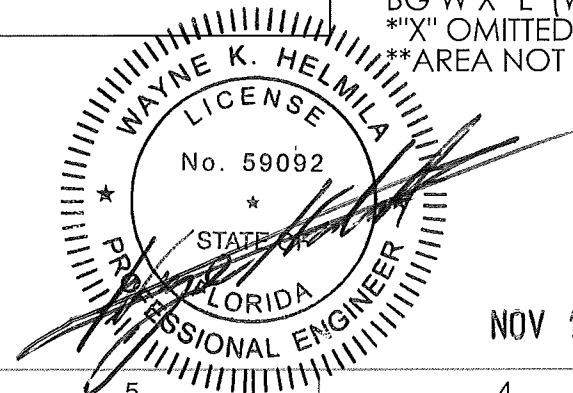
5 NOT SHOWN ON ASSEMBLY

PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. 21-1201.02

Expiration Date 05/25/2027

By 
Miami-Dade Product Control



NOV 16 2021

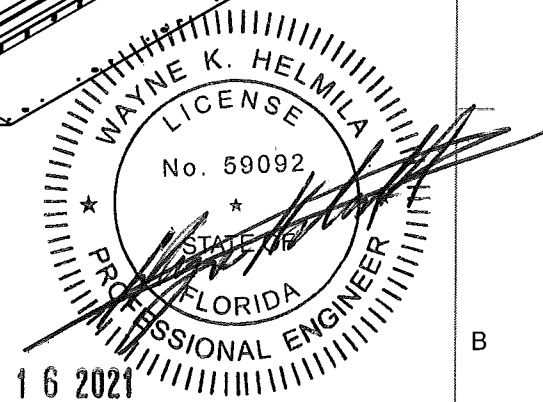
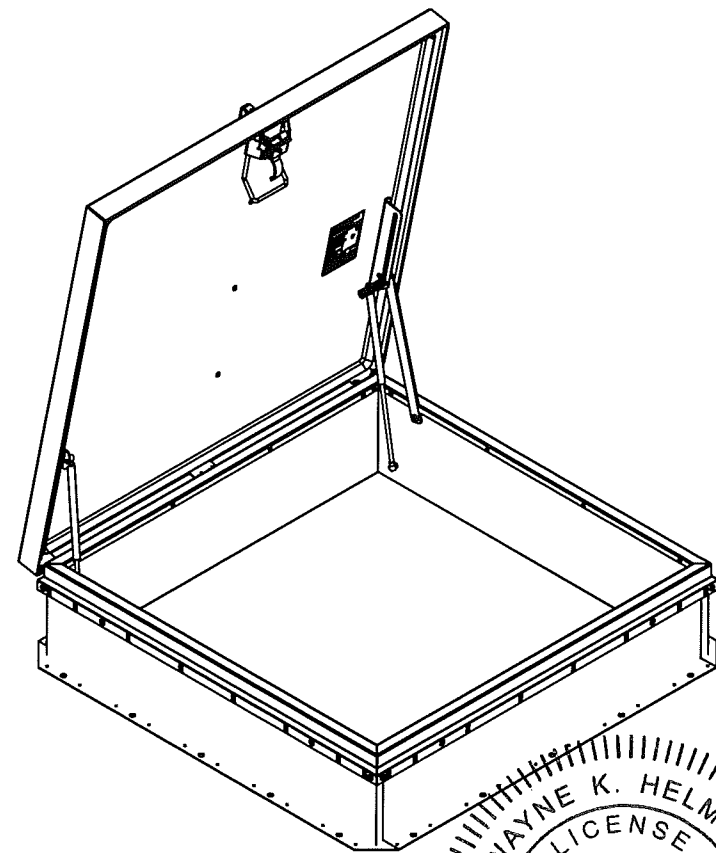
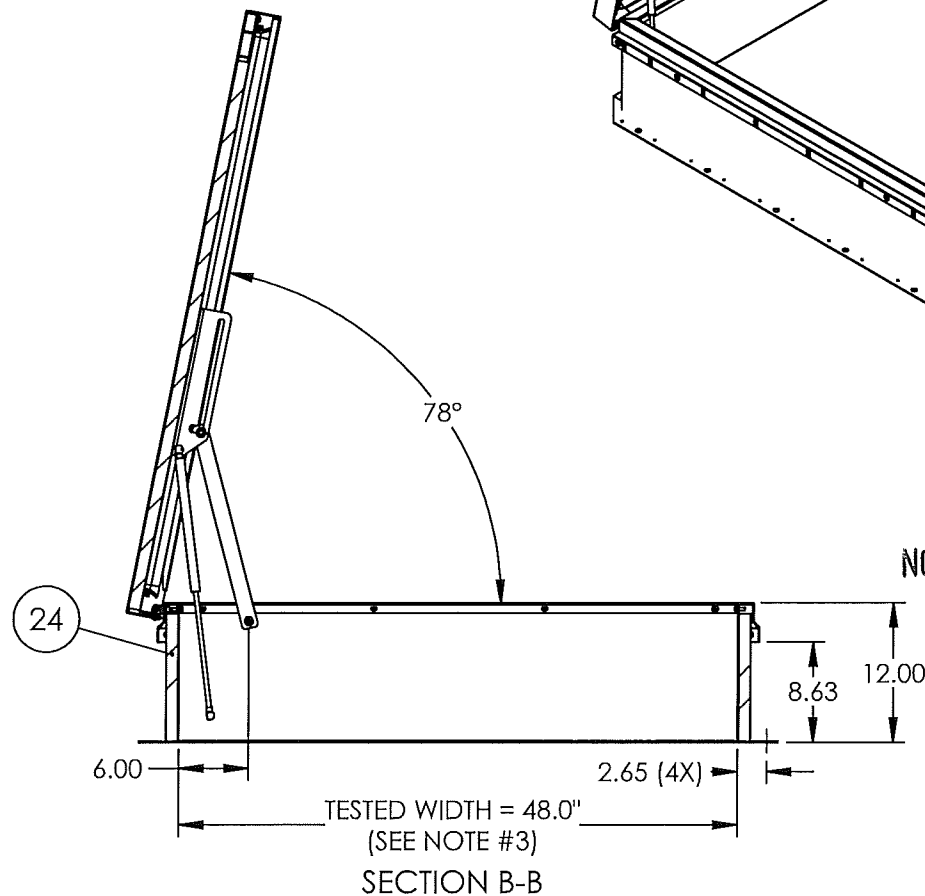
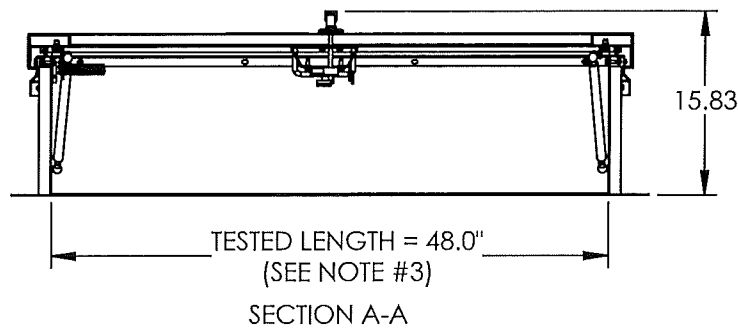
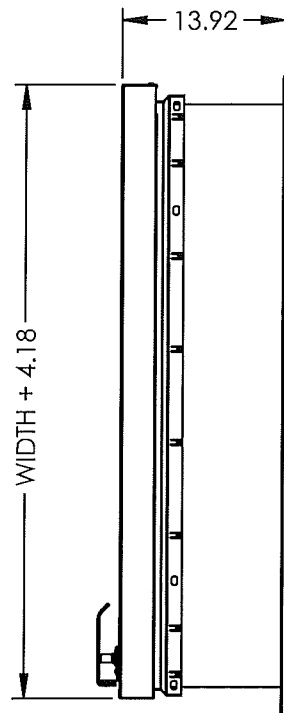
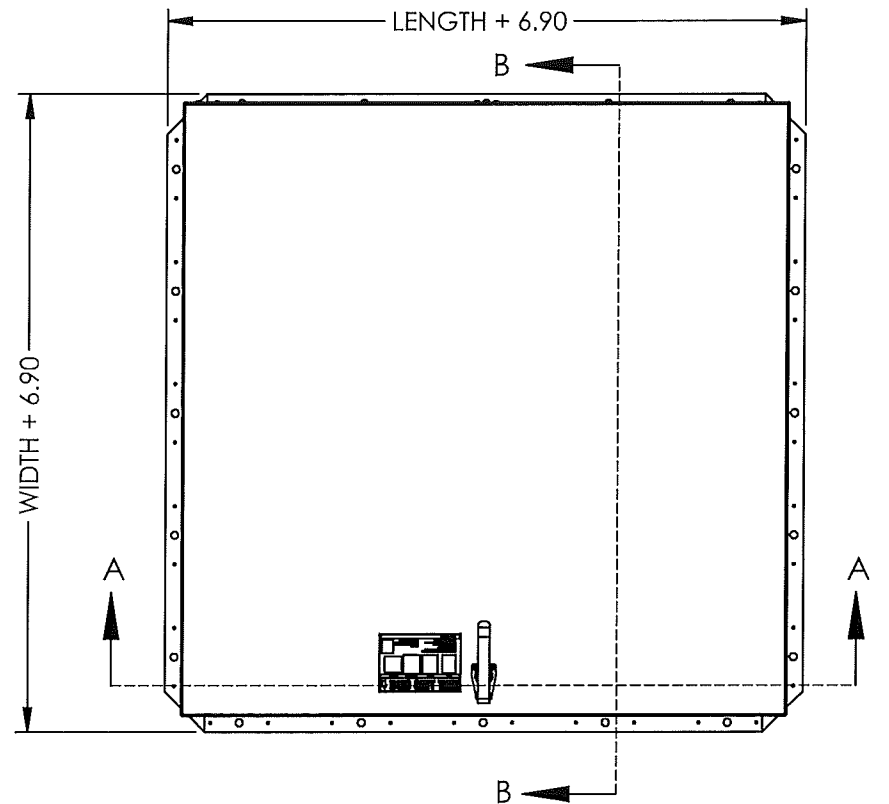


	NAME	DATE	SIZE	DWG. NO.	RE
DRAWN	DKL	10/10/2016	B	DOOR HATCH ASSEMBLY	C
RELEASED	IMT	3/21/2017	WEIGHT: Weight		SHEET 02 OF 16

8 7 6 5 4 3 2 1

D
C
B
A

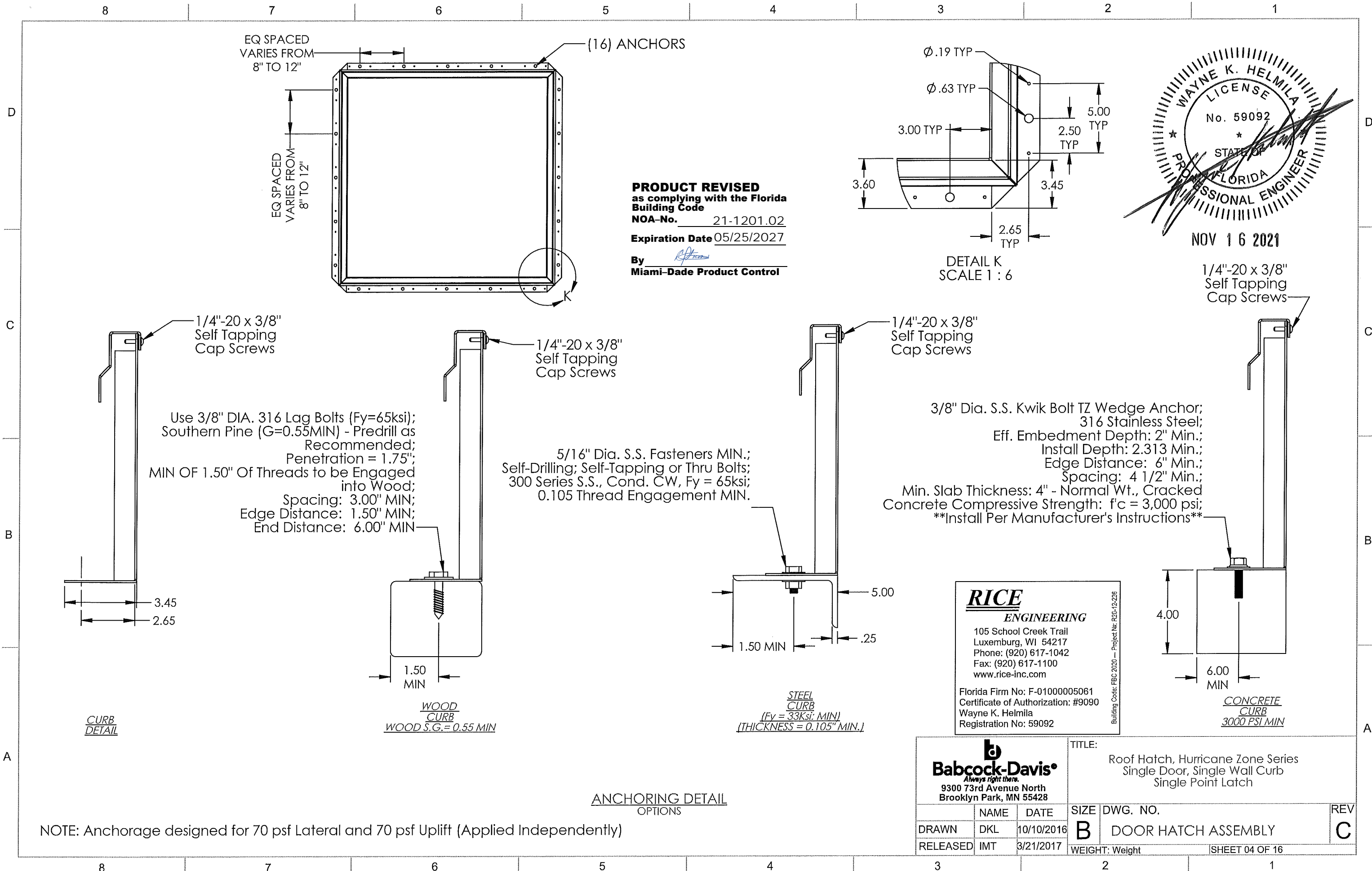
D
C
B
A

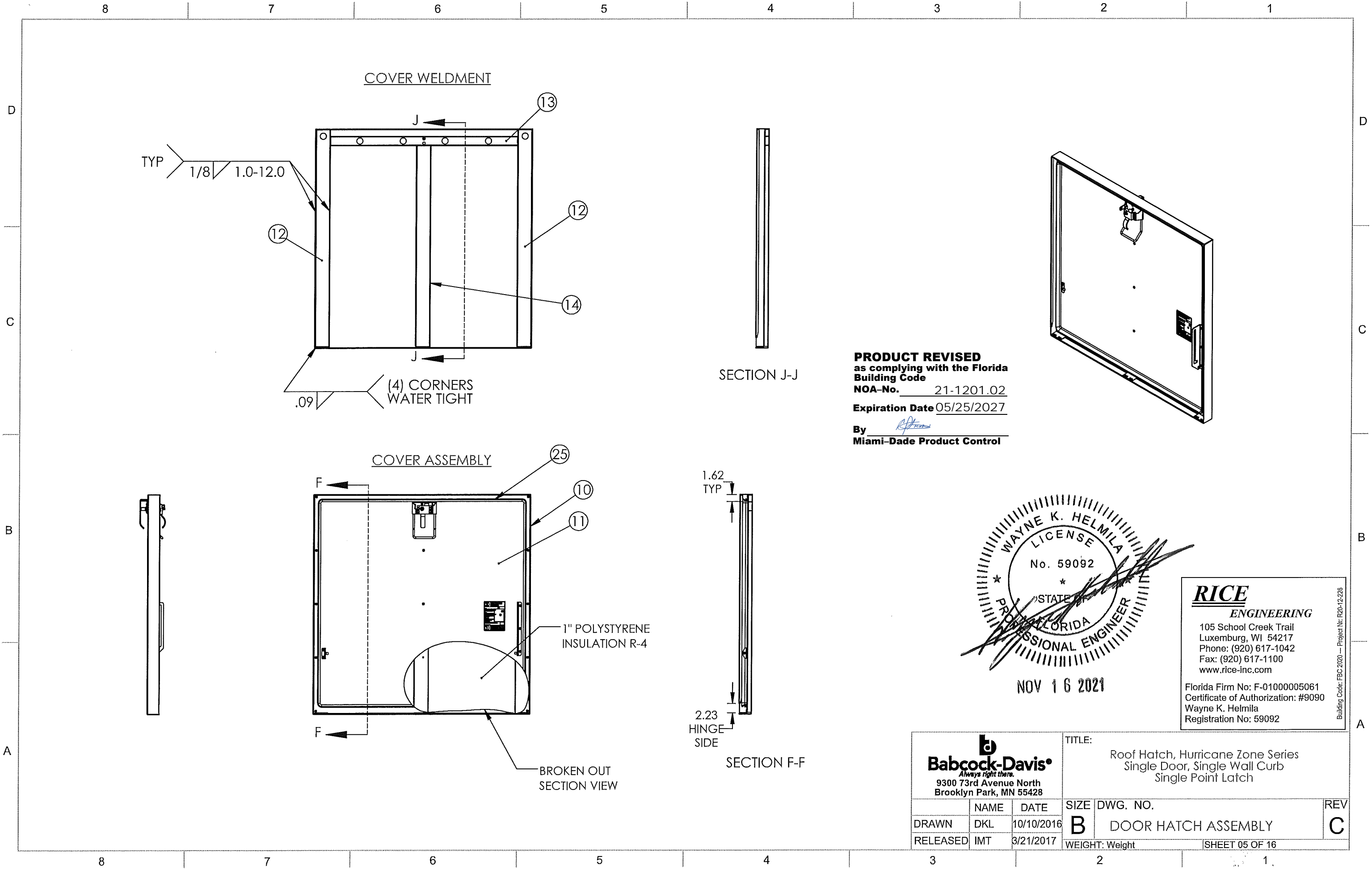


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www.rice-inc.com
Florida Firm No: F-01000005061
Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092

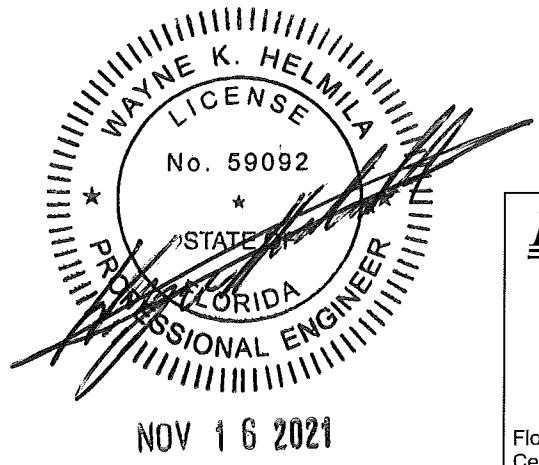
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1201.02
Expiration Date 05/25/2027
By *[Signature]*
Miami-Dade Product Control

Babcock-Davis <small>Always right there.</small> 9300 73rd Avenue North Brooklyn Park, MN 55428			TITLE: Roof Hatch, Hurricane Zone Series Single Door, Single Wall Curb Single Point Latch		
NAME	DATE	SIZE	DWG. NO.	REV	
DRAWN	DKL	10/10/2016	B	DOOR HATCH ASSEMBLY	
RELEASED	IMT	3/21/2017	WEIGHT: Weight	SHEET 03 OF 16	



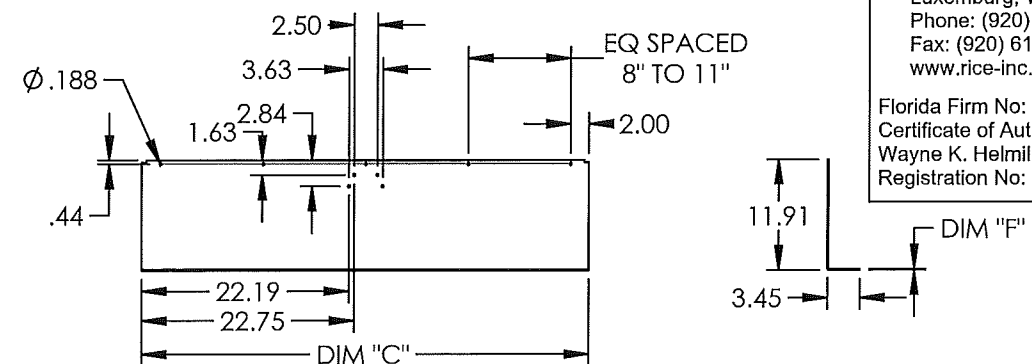
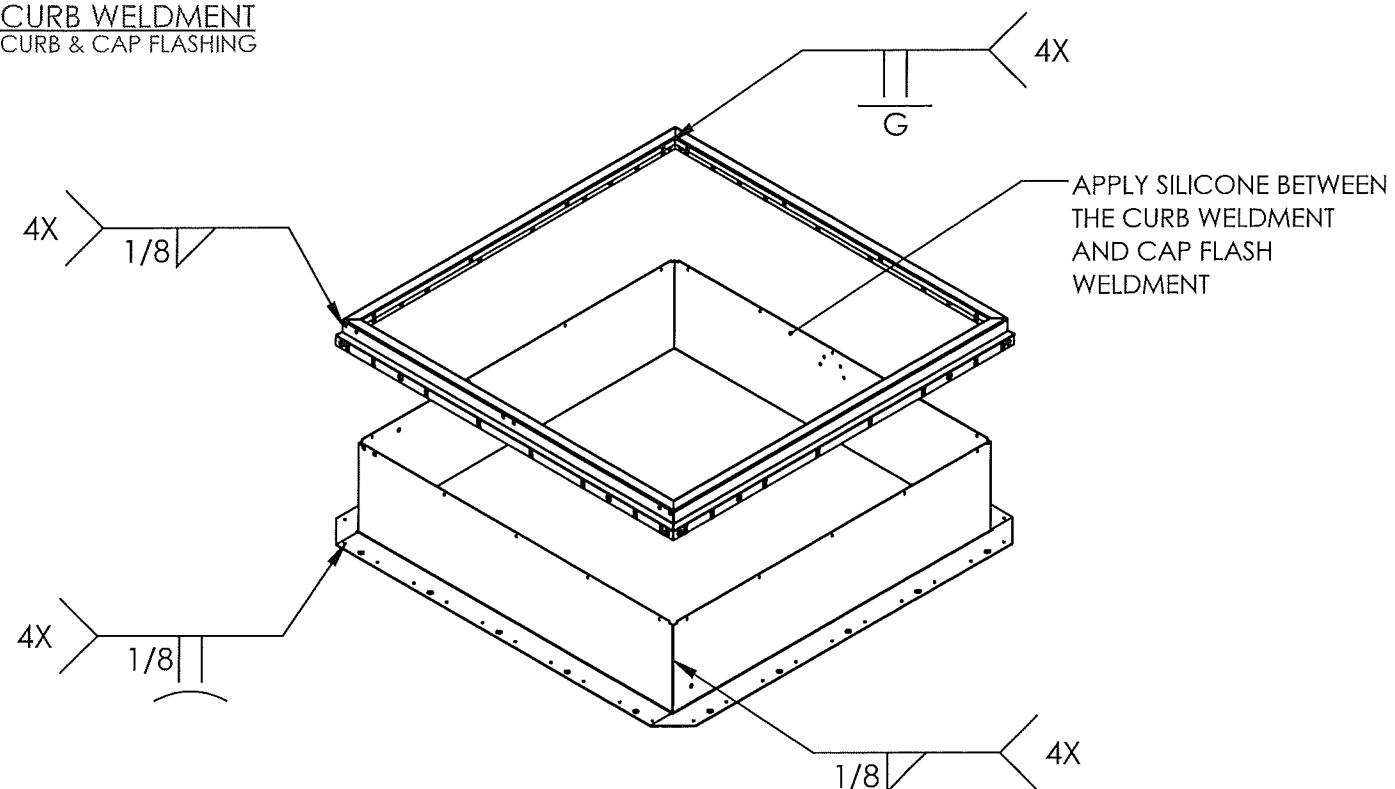


PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1201.02
Expiration Date 05/25/2027
By *[Signature]*
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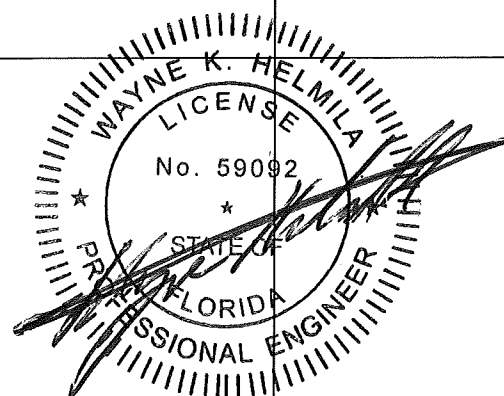
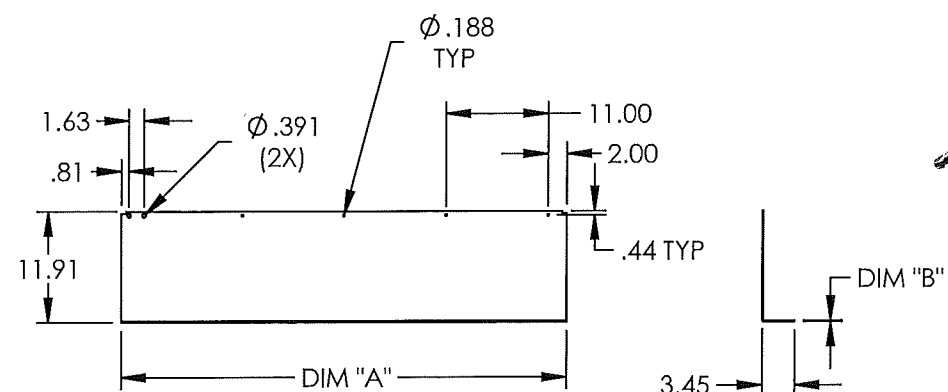
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NAME	DATE	SIZE	DWG. NO.	REV	
DRAWN DKL	10/10/2016	B	DOOR HATCH ASSEMBLY	C	
RELEASED IMT	3/21/2017	WEIGHT: Weight		SHEET 05 OF 16	

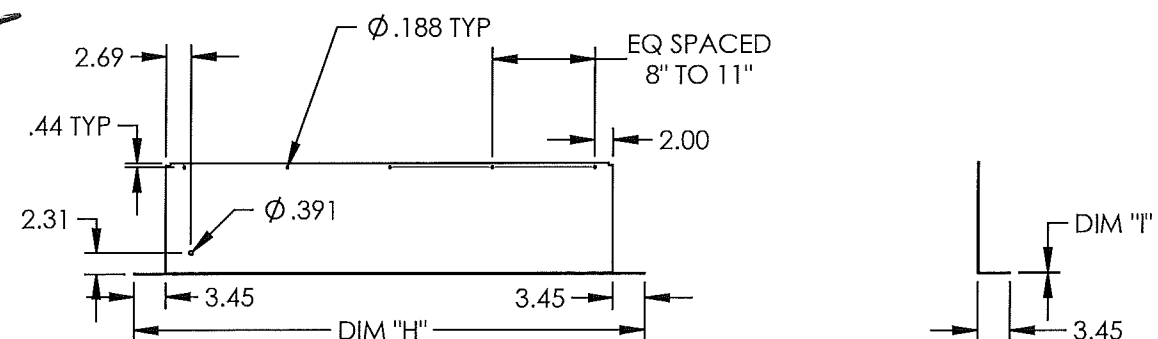


Building Code: EBC 7000 Project No: EBC 12 725

HATCH MATERIAL	DIM "C"	DIM "D"	DIM "E"	DIM "F"
GALVANEAL A653, 33KSI MIN	LENGTH	LENGTH/2 - 1.25	ø.218	.075 (14GA)
ALUMINUM 3003-H14	LENGTH	LENGTH/2 - 1.25	ø.391	.090 (11GA)



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CURB	HATCH MATERIAL	DIM "H"	DIM "I"
TOP CURB	GALVANEAL A653, 33KSI MIN	WIDTH + 6.9	.075 (14GA)
TOP CURB	ALUMINUM 3003-H14	WIDTH + 6.9	.090 (11GA)
BOTTOM CURB	GALVANEAL A653, 33KSI MIN	WIDTH + 6.9	.075 (14GA)
BOTTOM CURB	ALUMINUM 3003-H14	WIDTH + 6.9	.090 (11GA)

HATCH MATERIAL	DIM "A"	DIM "B"
GALVANEAL A653, 33KSI MIN	LENGTH	.075 (14GA)
ALUMINUM 3003-H14	LENGTH	.090 (11GA)

SIZE	DWG. NO.	REV
B	DOOR HATCH ASSEMBLY	C
WEIGHT: Weight		SHEET 06 OF 16

A

CAP FLASHING TYP
EZ TAB LOCATIONS
AND SAFETY RAIL
MOUNTING HOLES

LATCH CAP FLASHING

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Wayne K. Helmila
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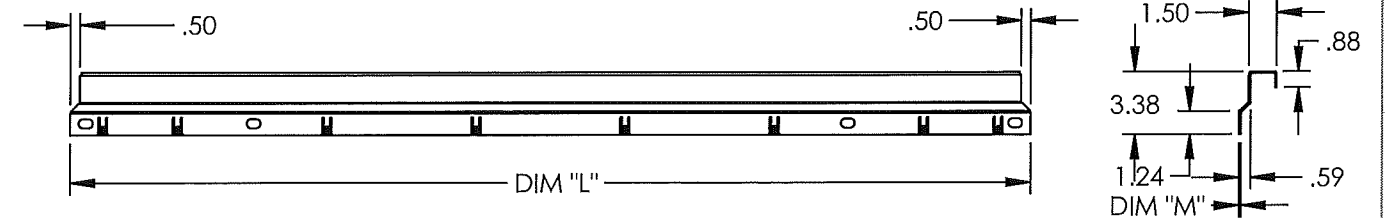
Building Code: FBC 2020 — Project No: R201-12-226

NOTE:
EZ TAB AND SAFETY RAIL
MOUNTING HOLE DIMENSIONS
ARE TYPICAL FROM BOTH ENDS
OF ALL TYPES OF CAP FLASH.

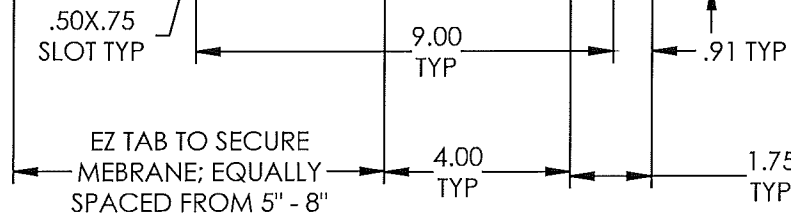
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1201.02

Expiration Date 05/25/2027

By 
Miami-Dade Product Control

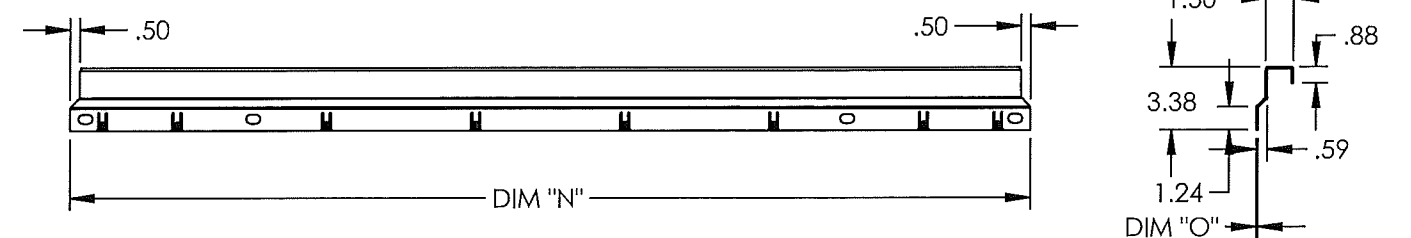
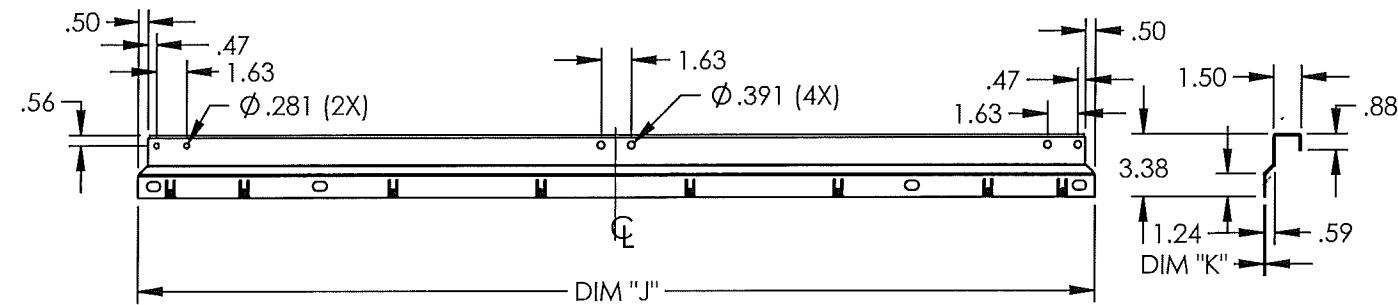


HATCH MATERIAL	DIM "L"	DIM "M"
GALVANEAL A653, 33KSI MIN	LENGTH + 3.51	.075 (14GA)
ALUMINUM 3003-H14	LENGTH + 3.51	.090 (11GA)



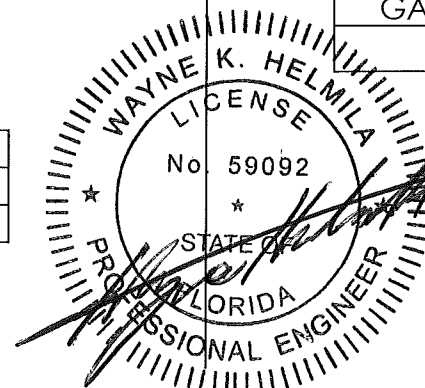
HINGE CAP FLASHING

TOP & BOTTOM CAP FLASHING



HATCH MATERIAL	DIM "J"	DIM "K"
GALVANEAL A653, 33KSI MIN	LENGTH + 3.51	.075 (14GA)
ALUMINUM 3003-H14	LENGTH + 3.51	.090 (11GA)

HATCH MATERIAL	DIM "N"	DIM "O"
GALVANEAL A653, 33KSI MIN	WIDTH + 3.56	.075 (14GA)
ALUMINUM 3003-H14	WIDTH + 3.56	.090 (11GA)

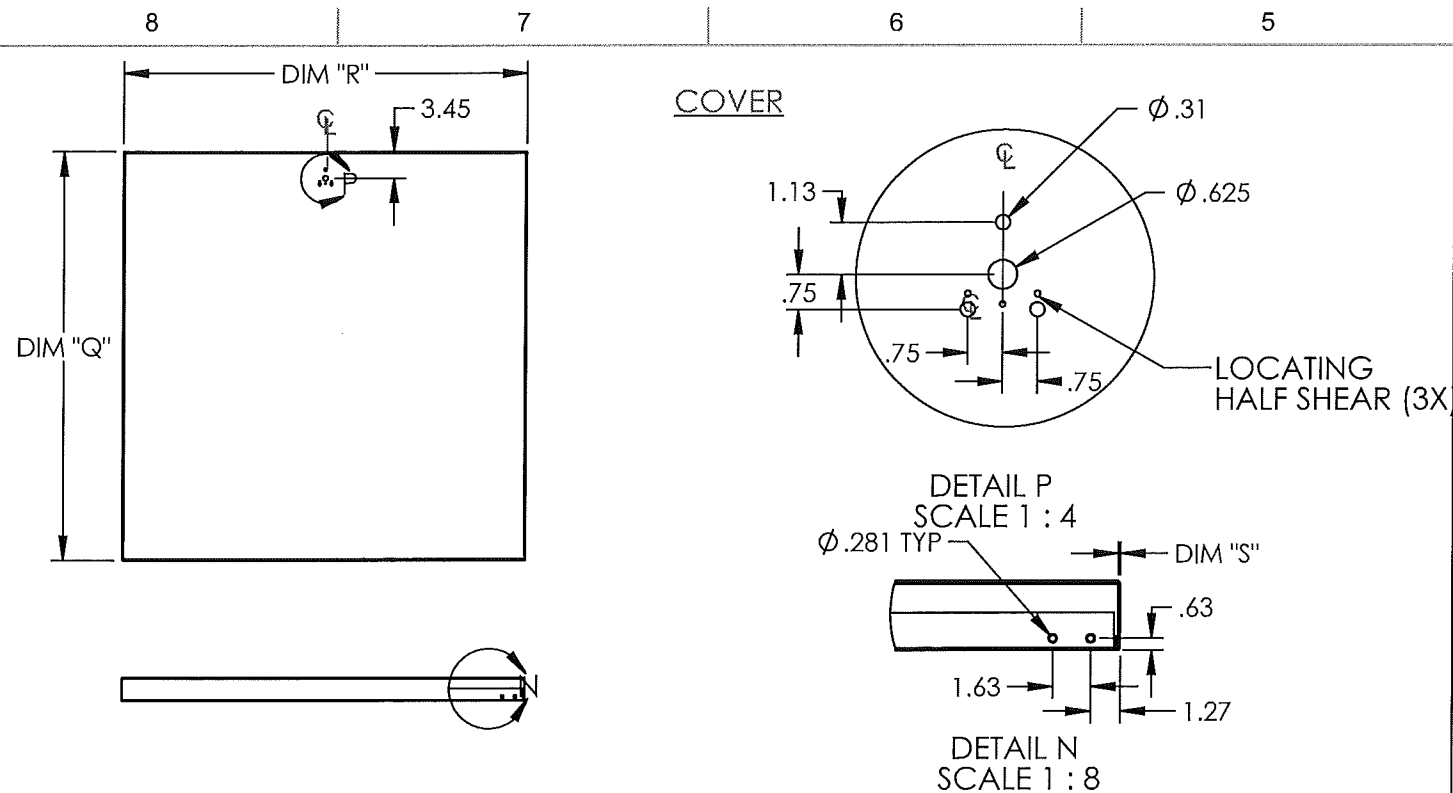


NOV 16 2021

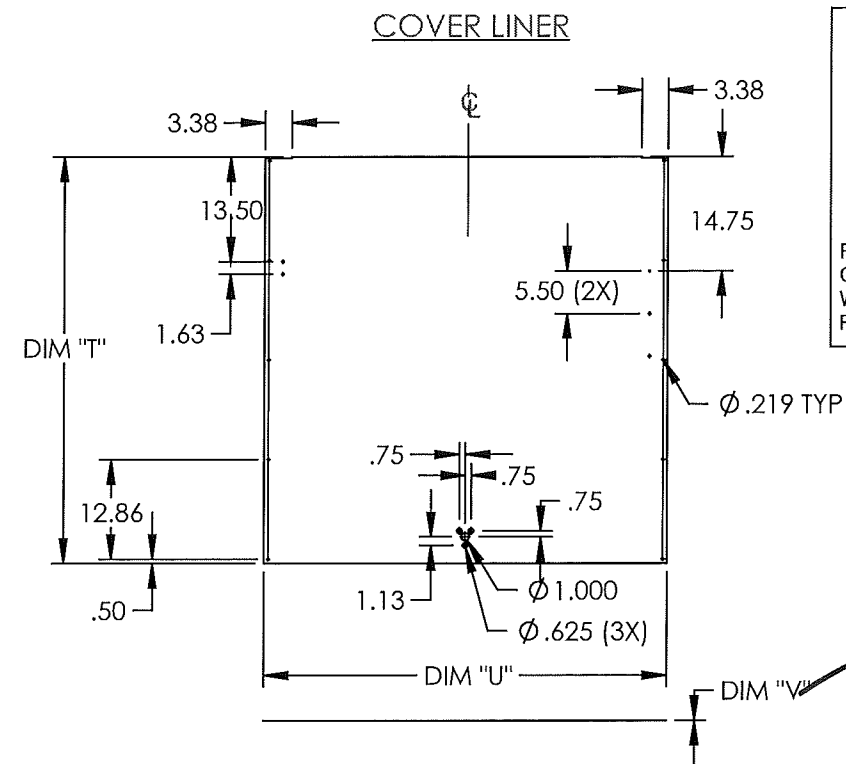
Babcock-Davis
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9300 73rd Avenue North
Brooklyn Park, MN 55428

TITLE:
Roof Hatch, Hurricane Zone Series
Single Door, Single Wall Curb
Single Point Latch

NAME	DATE	SIZE	DWG. NO.	REV
DRAWN DKL	10/10/2016	B	DOOR HATCH ASSEMBLY	C
RELEASED IMT	3/21/2017	WEIGHT: Weight	SHEET 07 OF 16	

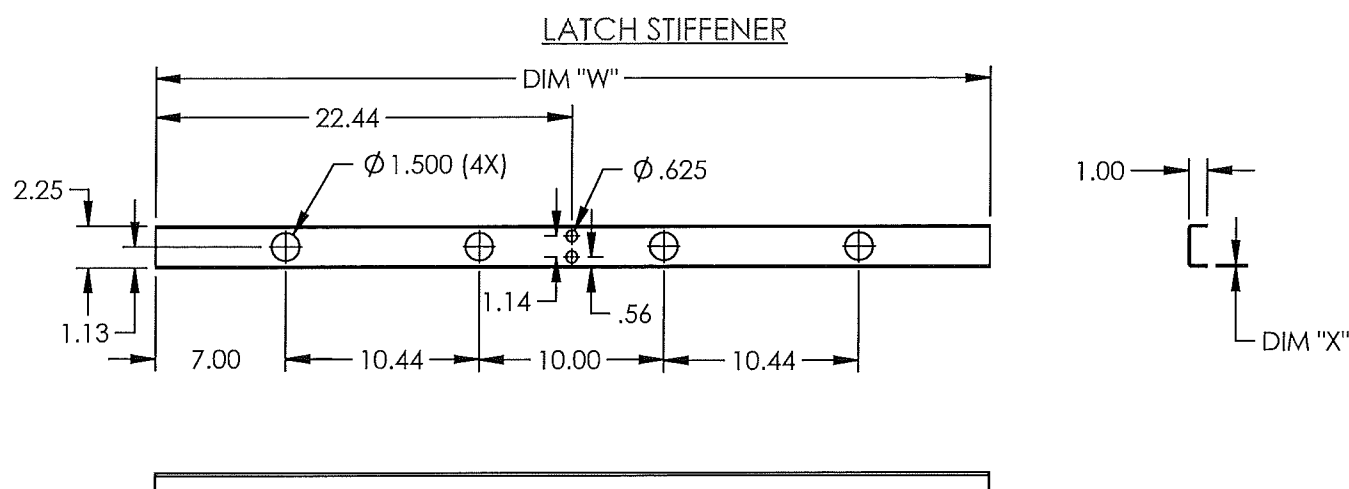
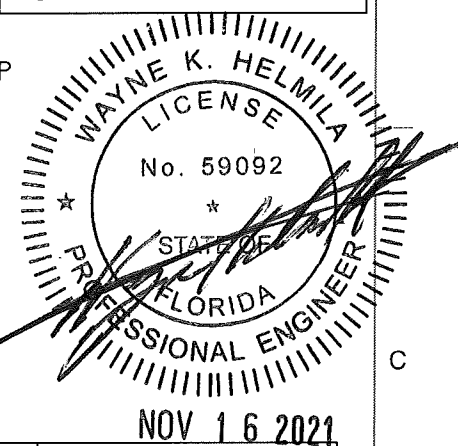


HATCH MATERIAL	DIM "Q"	DIM "R"	DIM "S"
GALVANEAL A653, 33KSI MIN	WIDTH + 4.18	LENGTH + 4.09	.075 (14GA)
ALUMINUM 3003-H14	WIDTH + 4.18	LENGTH + 4.09	0.090

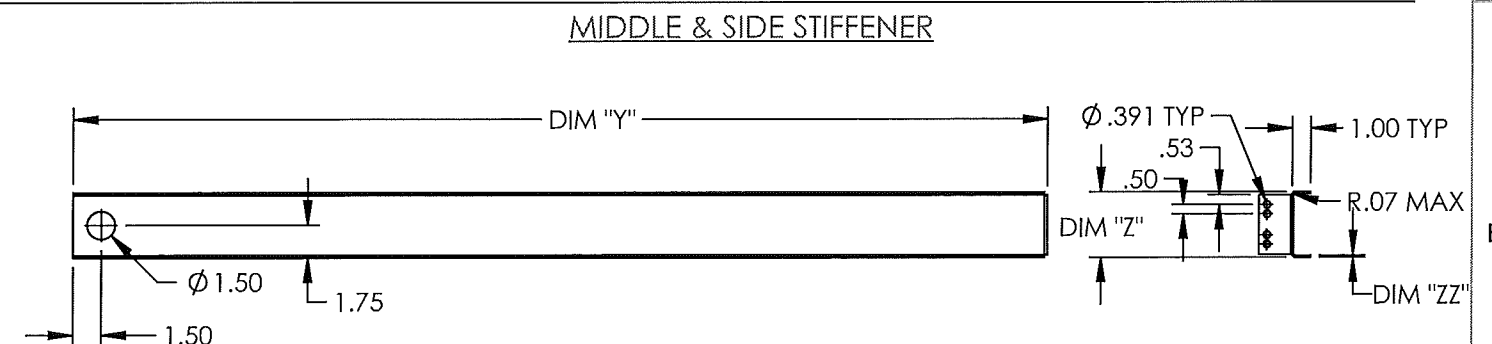


HATCH MATERIAL	DIM "T"	DIM "U"	DIM "V"
GALVANEAL A653, 33KSI MIN	WIDTH + 3.88	LENGTH + 3.88	.034 (22GA)
ALUMINUM 3003-H14	WIDTH + 3.88	LENGTH + 3.88	.040 (18 GA)

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Registration No: 59092



HATCH MATERIAL	DIM "W"	DIM "X"
GALVANEAL A653, 33KSI MIN	LENGTH + 3.75	.075 (14GA)
ALUMINUM 5032-H32	LENGTH + 3.75	.125



STIFFENER	HATCH MATERIAL	DIM "Y"	DIM "Z"	DIM "ZZ"
HINGE STIFFENER	GALVANEAL A653, 33KSI MIN	LENGTH + 3.75	4.0	.075 (14GA)
HINGE STIFFENER	ALUMINUM 5052-H32	LENGTH + 3.75	4.0	.125
SIDE STIFFENER	GALVANEAL A653, 33KSI MIN	WIDTH - 8.75	5.0	.075 (14GA)
SIDE STIFFENER	ALUMINUM 5052-H32	WIDTH - 8.75	5.0	.125

PRODUCT REVISED
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Building Code
NOA-No. 21-1201.02
Expiration Date 05/25/2027
By *R. H. H.*
Miami-Dade Product Control

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Brooklyn Park, MN 55428

TITLE:
Roof Hatch, Hurricane Zone Series
Single Door, Single Wall Curb
Single Point Latch

NAME	DATE	SIZE	DWG. NO.	REV
DRAWN DKL	10/10/2016	B	DOOR HATCH ASSEMBLY	C
RELEASED IMT	3/21/2017	WEIGHT: Weight	SHEET 08 OF 16	

D
C
B
A

8

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6

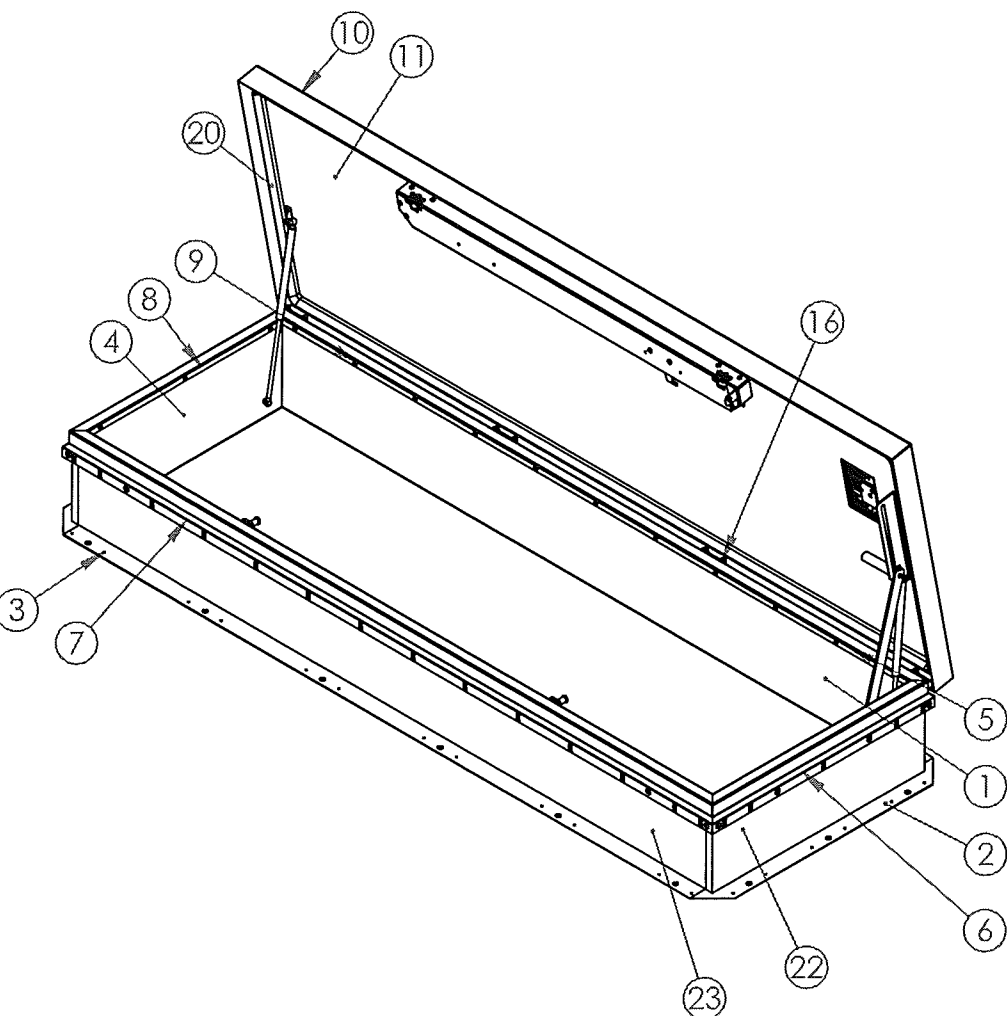
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1



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Wayne K. Helmila
Registration No: 59092

Building Code: FBC 2020 — Project No: R2D-12-226

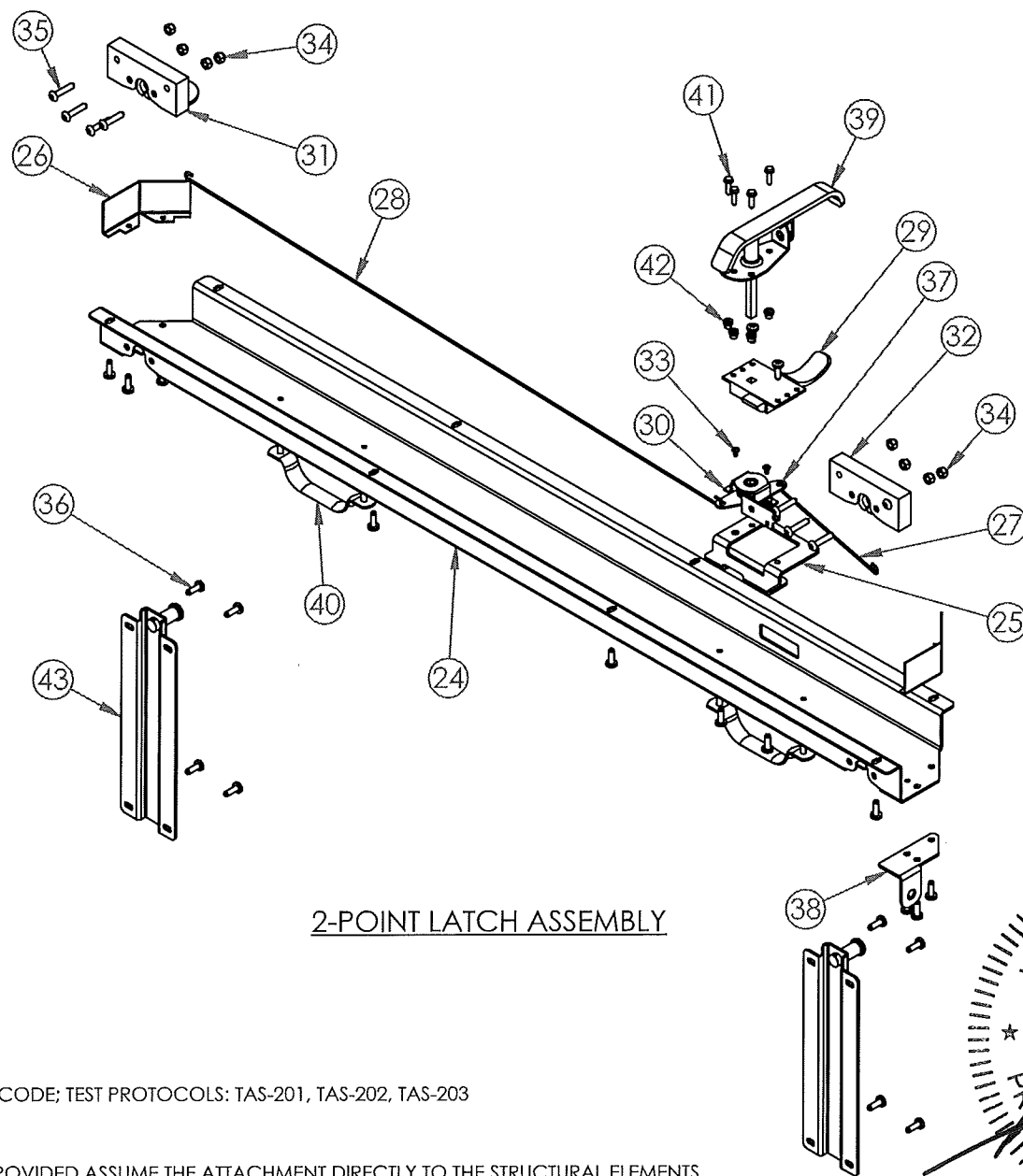
PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. 21-1201.02

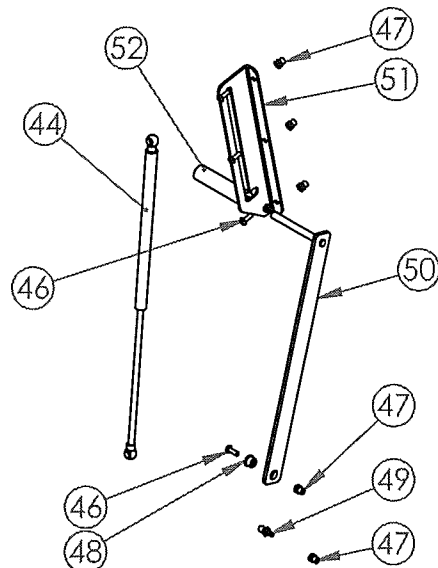
Expiration Date 05/25/2027

By *[Signature]*
Miami-Dade Product Control

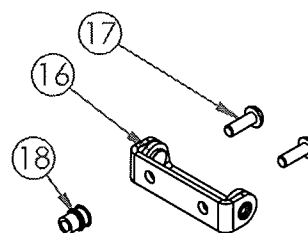
2-POINT LATCH ASSEMBLY



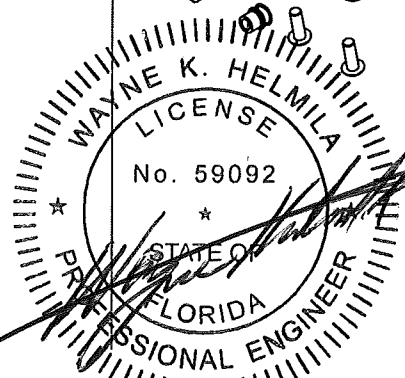
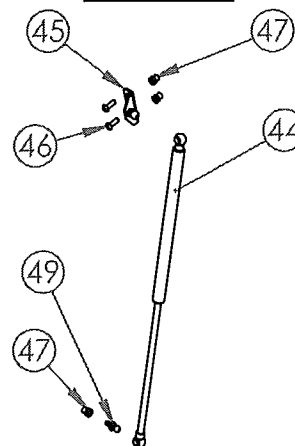
HOLD OPEN ARM ASSEMBLY



HINGE ASSEMBLY



GAS SPRING ASSEMBLY



NOV 16 2021

- 1) THE DESIGN CONTAINED HEREIN IS DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE; TEST PROTOCOLS: TAS-201, TAS-202, TAS-203
- 2) THE SHORT-TERM LOAD FACTOR HAS NOT BEEN USED
- 3) PRODUCT APPROVED UP TO AN INSIDE AREA OF 20.00 SF (WIDTH * LENGTH ≤ 20.00 SF)
- 4) ATTACHMENT TO STRUCTURE SHALL MEET THE FOLLOWING ALLOWABLE LOAD CONDITIONS. THE VALUES PROVIDED ASSUME THE ATTACHMENT DIRECTLY TO THE STRUCTURAL ELEMENTS WITHOUT SPACE. ALLOWABLE MINIMUM LOAD VALUES PULLOUT: 1400 LBS. SHEAR 654 LB.
- 5) USE THE FASTENER MANUFACTURERS RECOMMENDED SAFETY FACTOR. IF DIFFERENT CONDITIONS EXIST, CONTACT NYSTROM OR A FLORIDA LICENSED ENGINEER FOR A CONSULTATION
- 6) ALL LABELS TO BE LOCATED IN APPROXIMATE LOCATIONS AS SHOWN
- 7) PROTECTION BETWEEN ALUMINUM & DISSIMILAR MATERIALS MUST BE PROVIDED PER ALUMINUM DESIGN MANUAL

DESIGN PRESSURE RATING	IMPACT RATING	WATER FILTRATION
+/- 70 PSF	LARGE MISSILE IMPACT	100%DP WITH ZERO WATER FILTRATION

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Brooklyn Park, MN 55428

NAME	DATE
DRAWN AMB	8/17/2021
RELEASED AMB	11/10/2021

TITLE:
Roof Hatch, Personnel Series,
Single Door, Single Wall Curb
Two Point Latch

SIZE	DWG. NO.	REV
B	Two Point Latch Door Hatch Assembly	A
WEIGHT: Weight		SHEET 09 OF 16

8

7

6

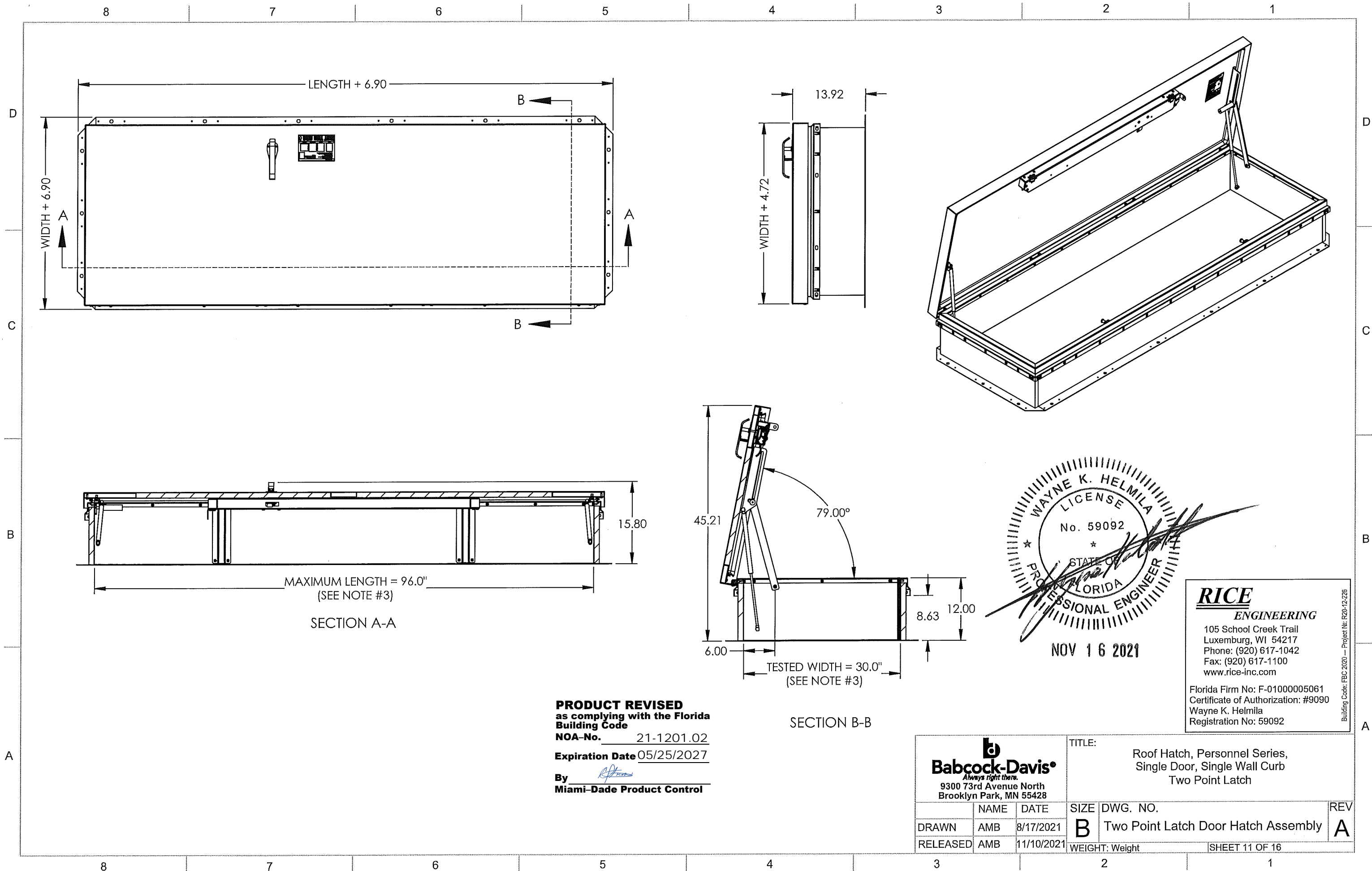
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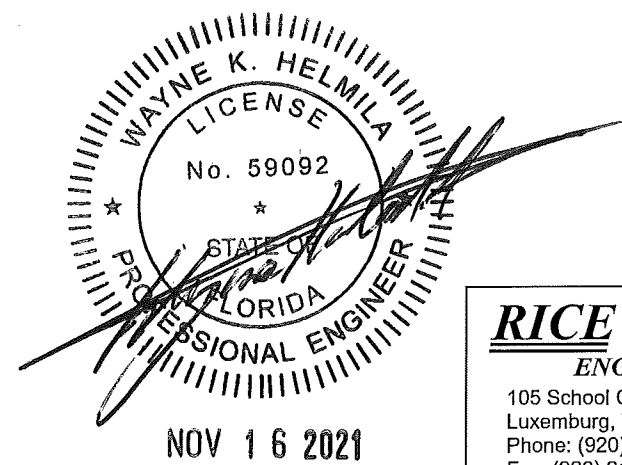
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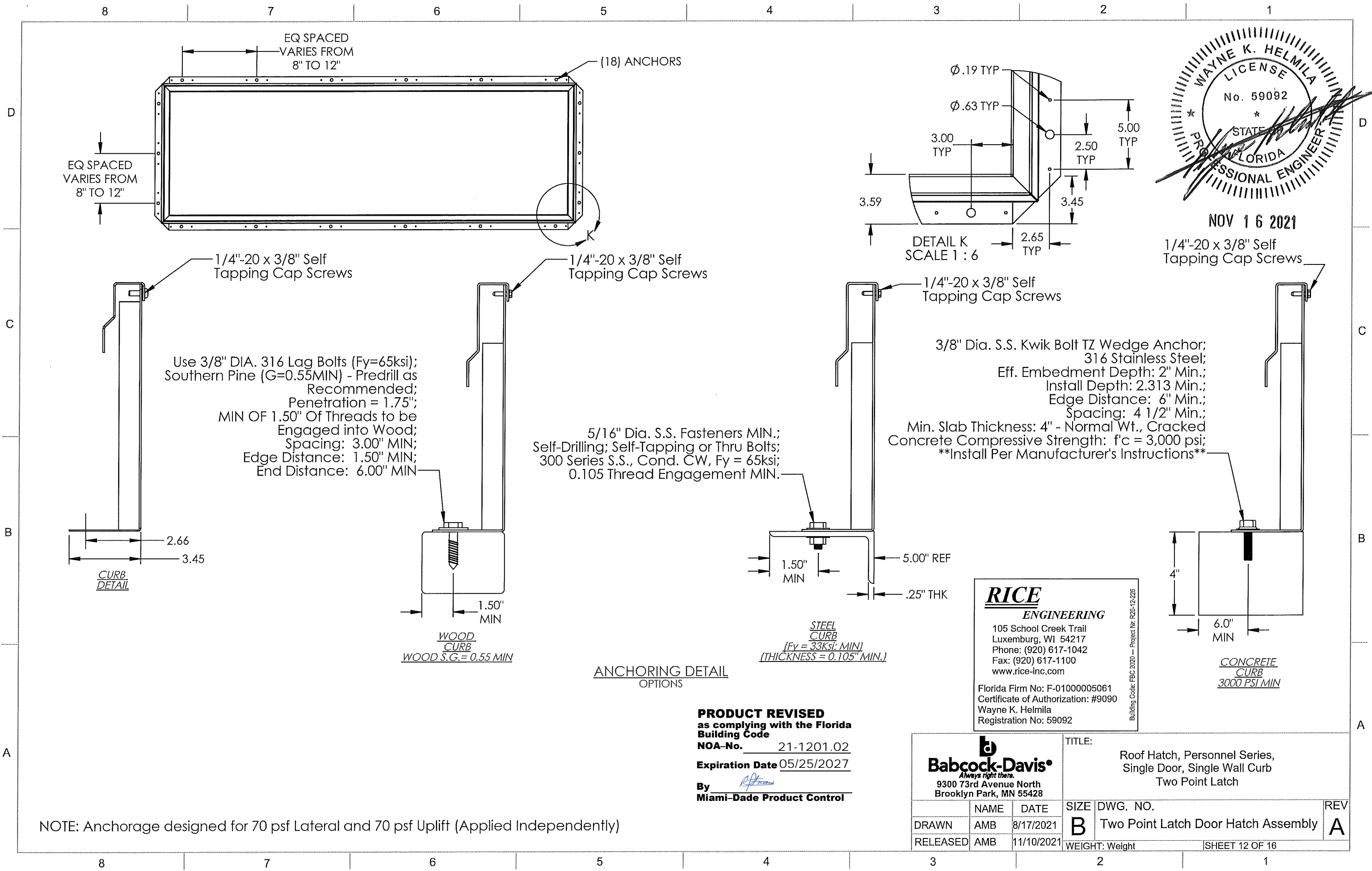


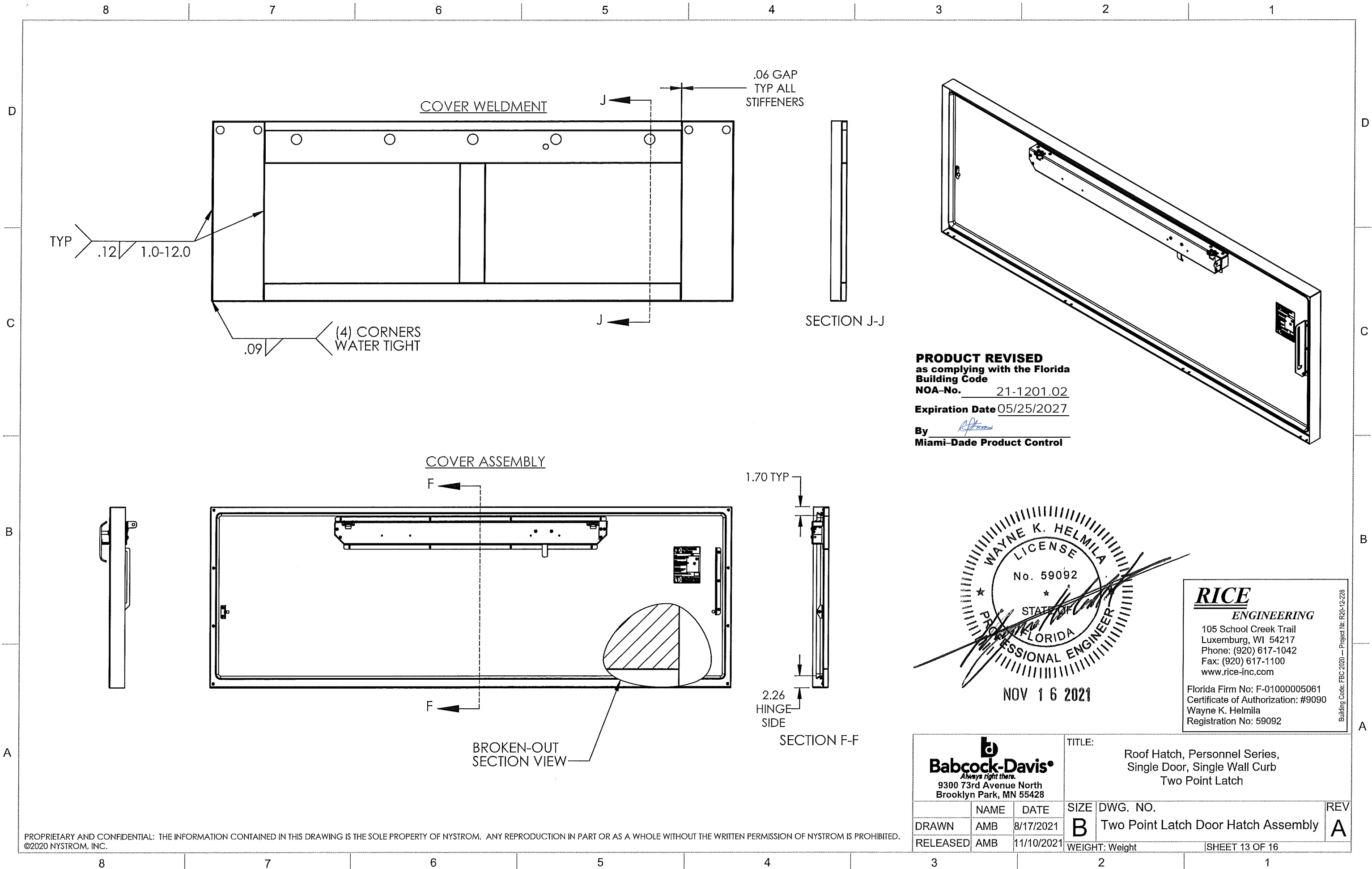
PRODUCT REVISED
as complying with the Florida
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NOA-No. 21-1201.02
Expiration Date 05/25/2027
By *[Signature]*
Miami-Dade Product Control



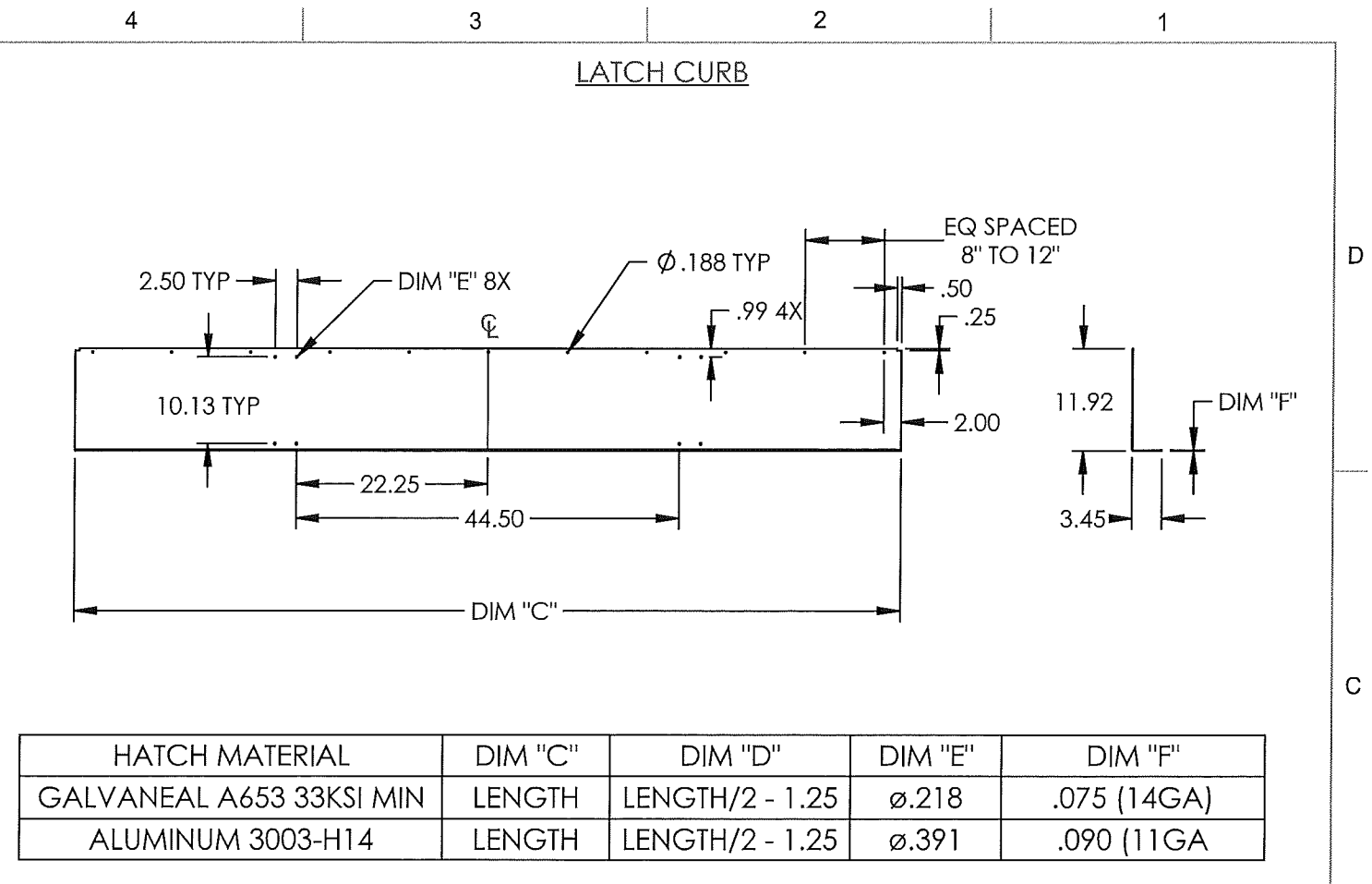
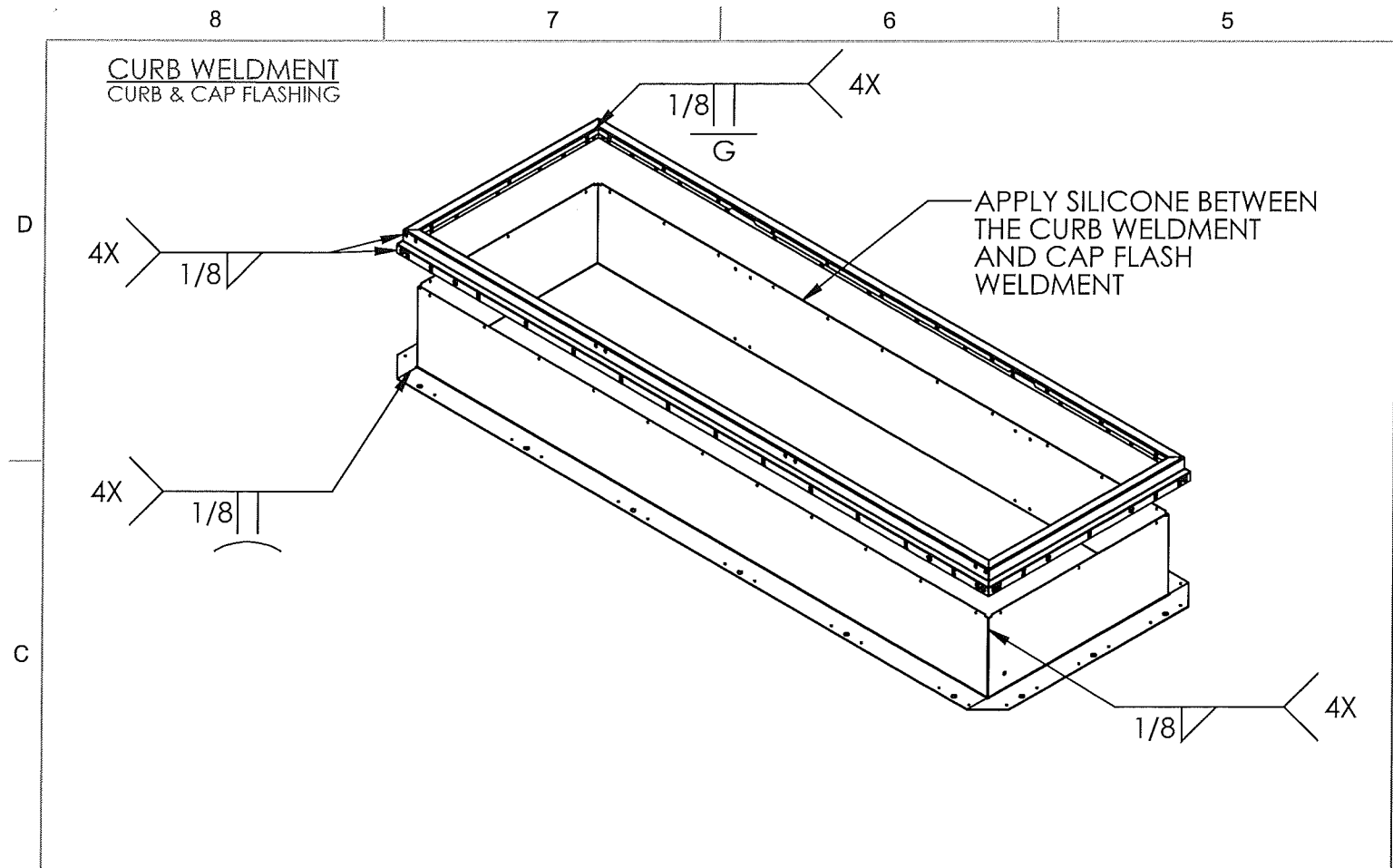
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ENGINEERING
105 School Creek Trail
Luxemburg, WI 54217
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Wayne K. Helmila
Registration No: 59092

<div> Babcock-Davis® <i>Always right there.</i> 9300 73rd Avenue North Brooklyn Park, MN 55428</div>			TITLE: Roof Hatch, Personnel Series, Single Door, Single Wall Curb Two Point Latch		
	NAME	DATE	SIZE	DWG. NO.	REV
DRAWN	AMB	8/17/2021	B	Two Point Latch Door Hatch Assembly	A
RELEASED	AMB	11/10/2021			
WEIGHT: Weight			SHEET 11 OF 16		





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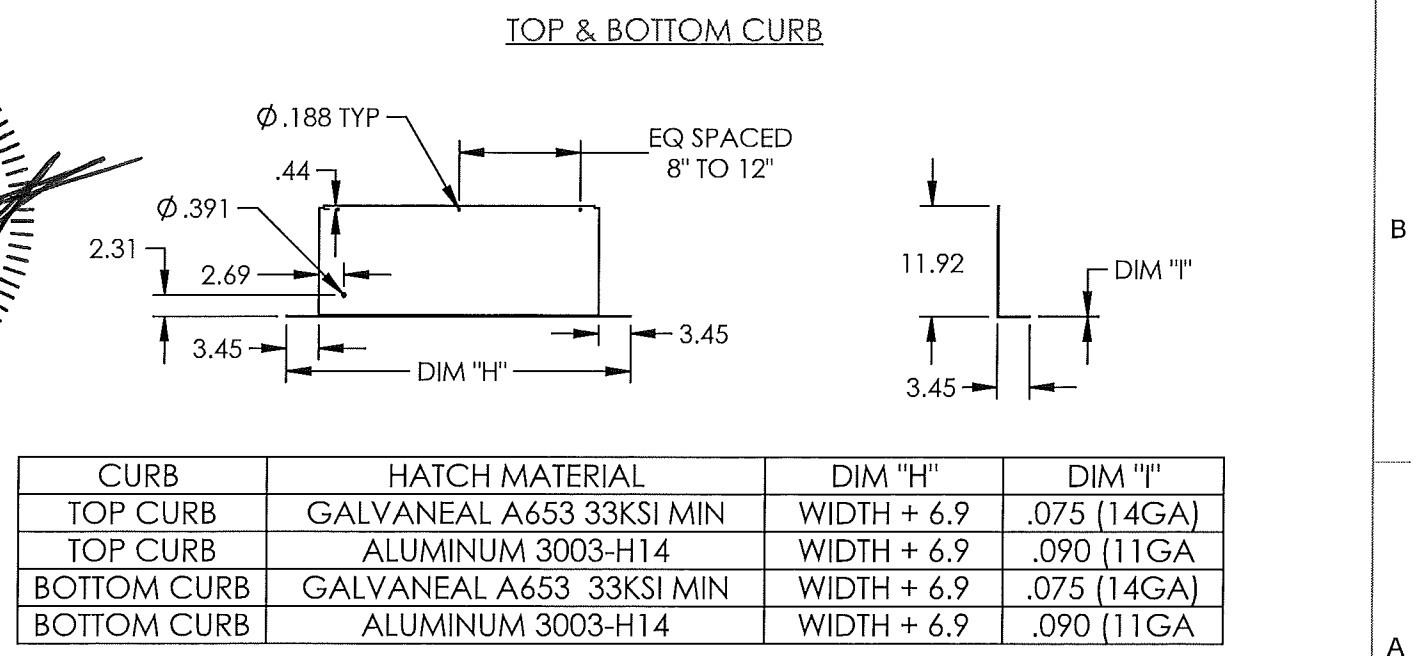
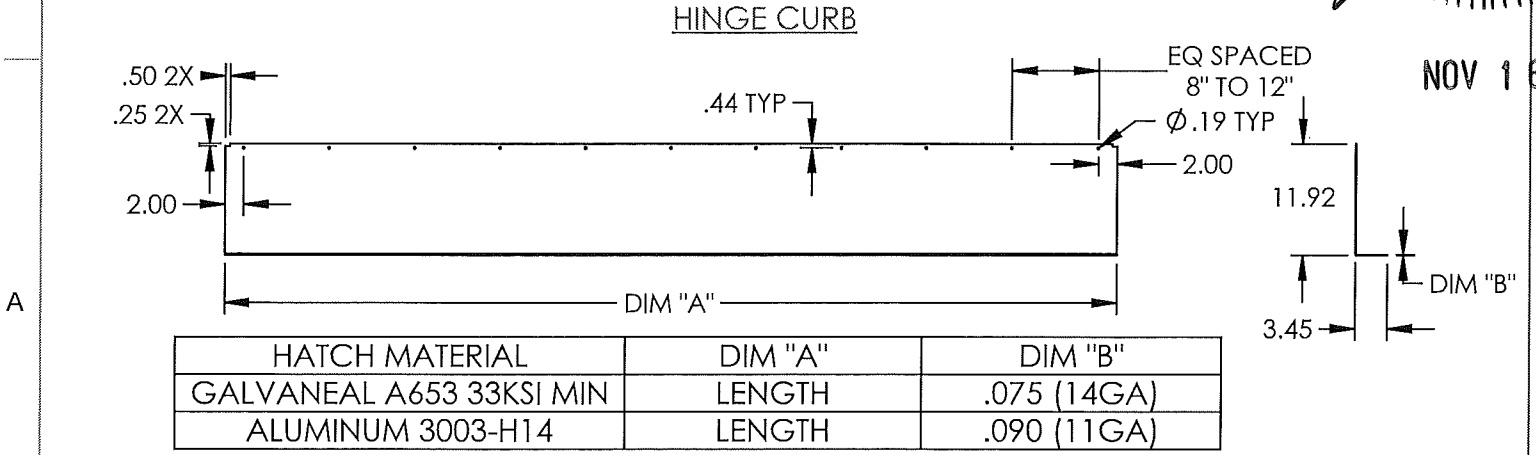
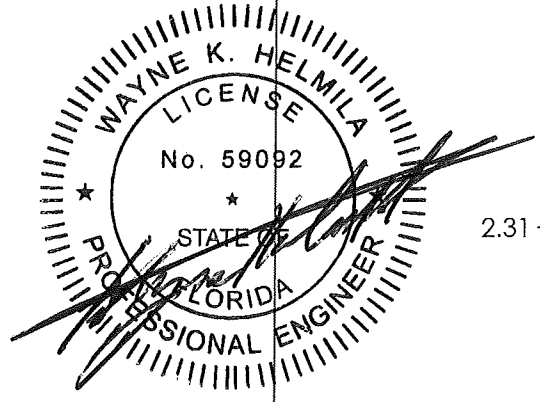
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Fax: (920) 617-1100
www.rice-inc.com

Florida Firm No: F-01000005061
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Registration No: 59092

Building Code: FSC 2020 — Project No: R20-12-228

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Expiration Date 05/25/2027
By *[Signature]*
Miami-Dade Product Control



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Brooklyn Park, MN 55428

TITLE: Roof Hatch, Personnel Series, Single Door, Single Wall Curb Two Point Latch

SIZE DWG. NO. REV

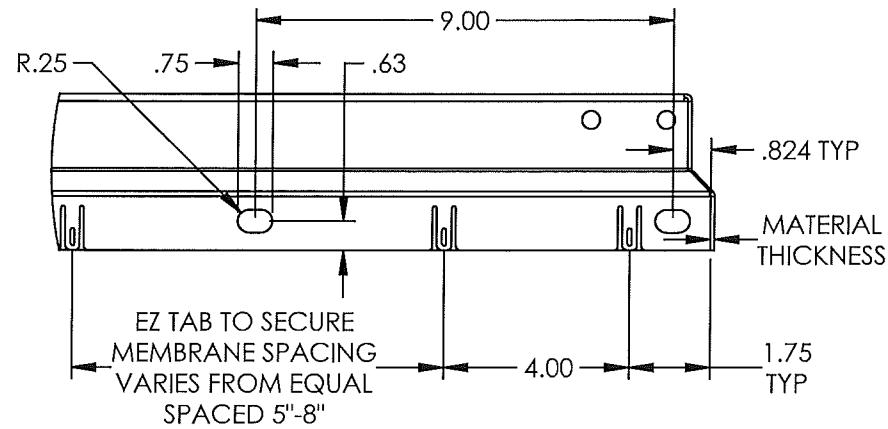
B Two Point Latch Door Hatch Assembly **A**

WEIGHT: Weight SHEET 14 OF 16

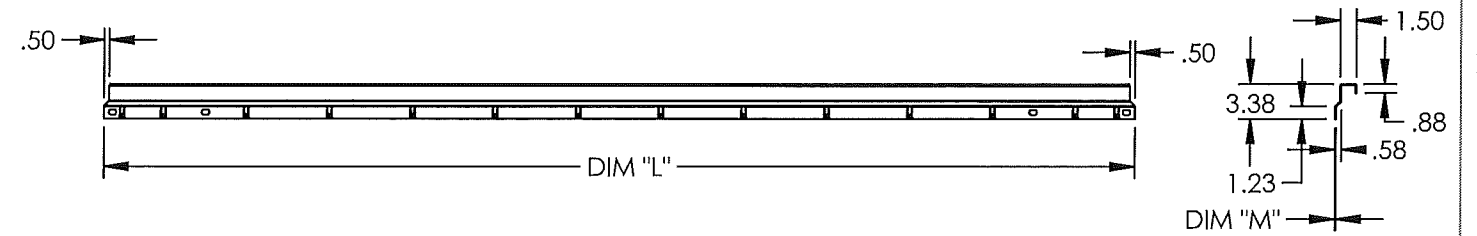
NAME	DATE
DRAWN AMB	8/17/2021
RELEASED AMB	11/10/2021

CAP FLASHING TYP EZ TAB LOCATIONS

NOTE:
EZ TAB DIMENTIONS ARE TYP
FROM BOTH ENDS OF
ALL TYPES OF CAP FLASH.



LATCH CAP FLASHING



HATCH MATERIAL	DIM "L"	DIM "M"
GALVANEAL A653, 33KSI MIN	LENGTH + 3.51	.075 (14GA)
3003 ALUMINUM-H14	LENGTH + 3.51	.090 (11GA)

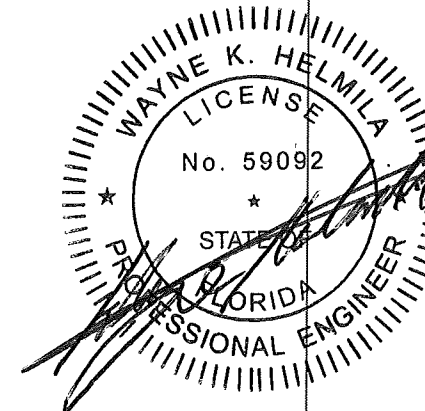
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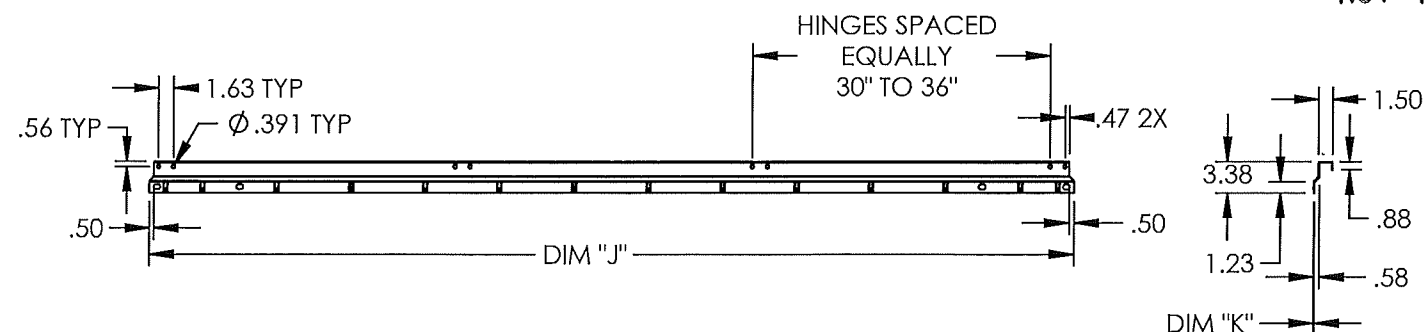
Florida Firm No: F-01000005061
Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092

Building Code: FBC 2020 -- Project No: R20-12-226

HINGE CAP FLASHING

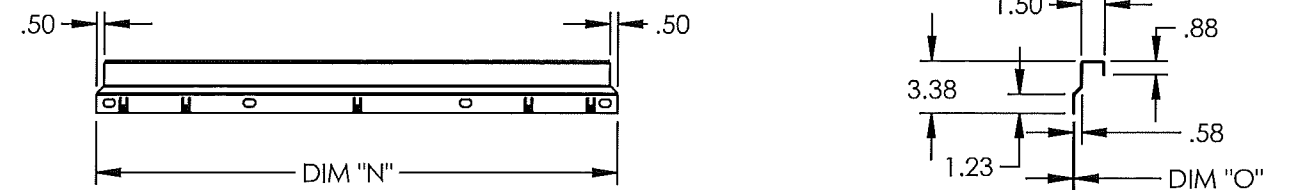


NOV 16 2021



HATCH MATERIAL	DIM "J"	DIM "K"
GALVANEAL A653, 33KSI MIN	LENGTH + 3.51	.075 (14GA)
ALUMINUM 3003-H14	LENGTH + 3.51	.090 (11GA)

TOP & BOTTOM CAP FLASHING



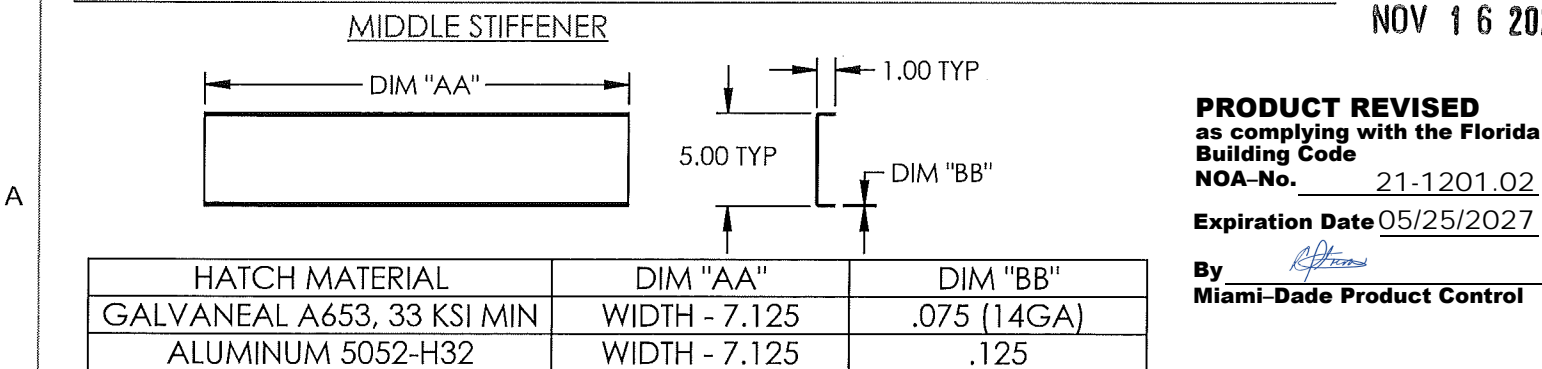
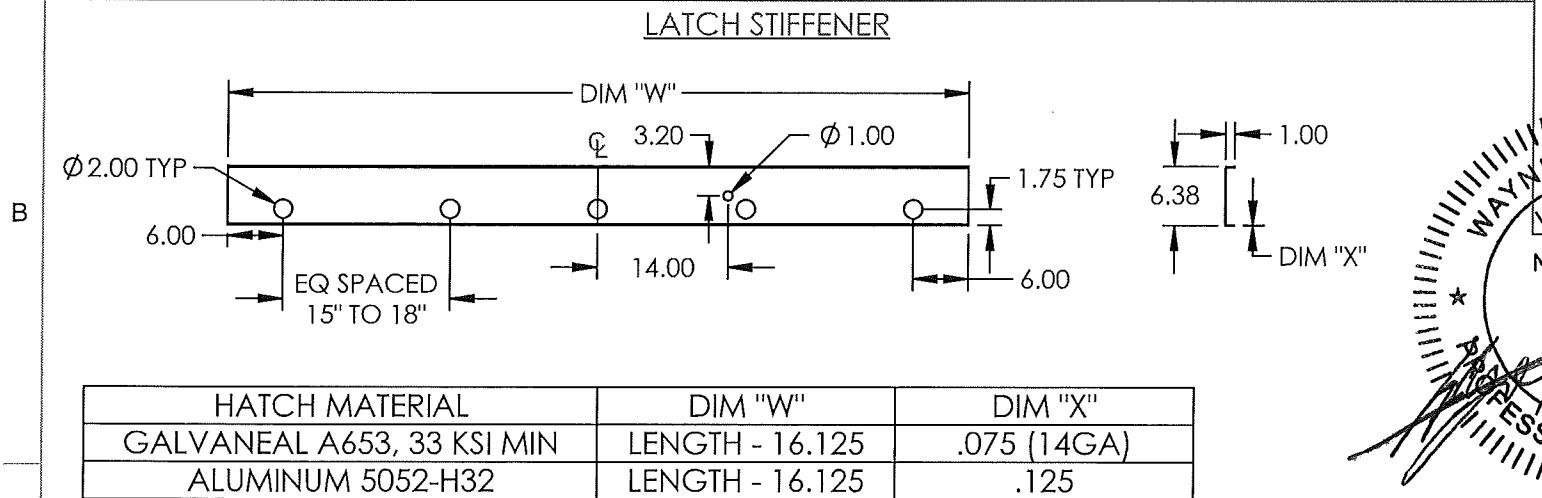
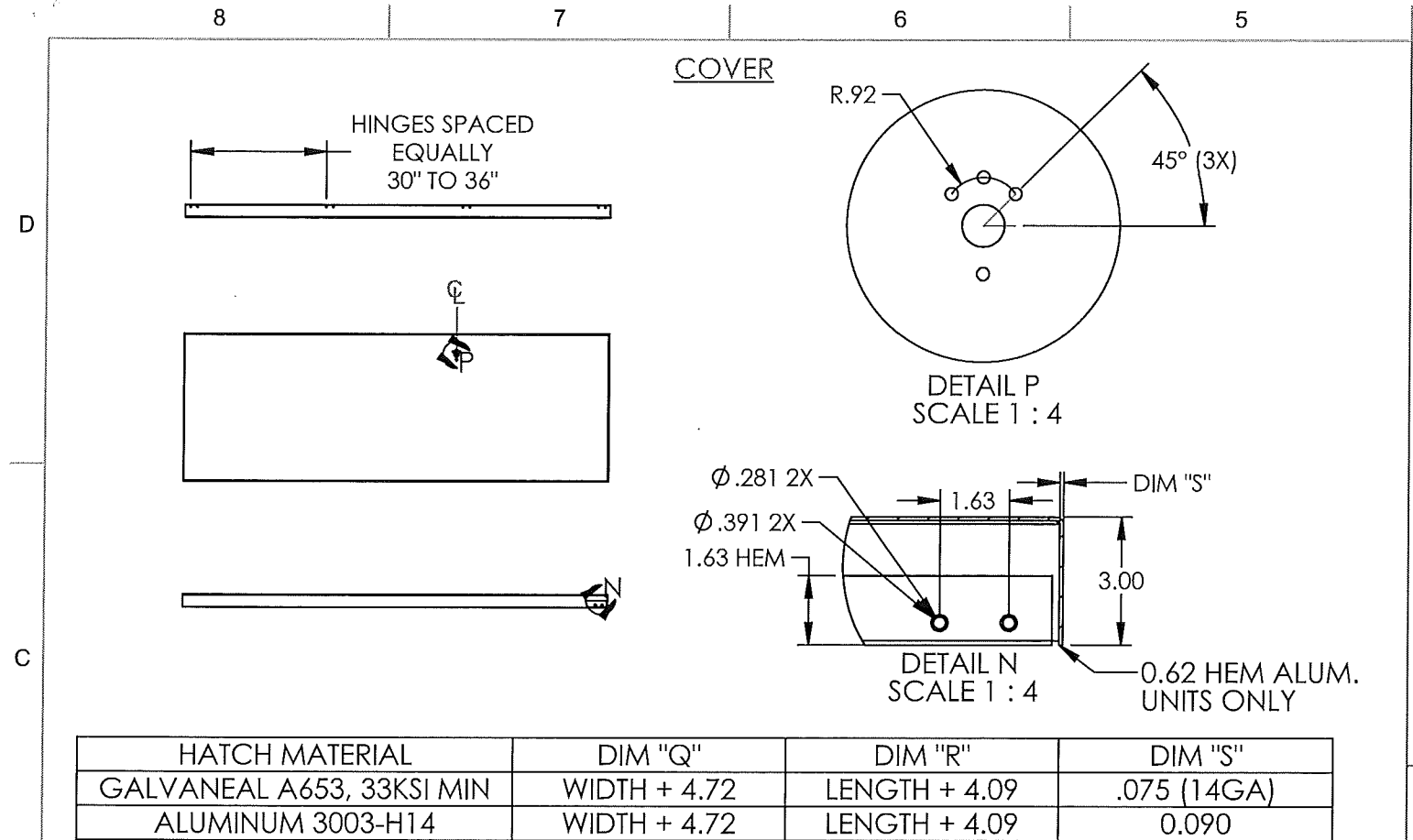
HATCH MATERIAL	DIM "N"	DIM "O"
GALVANEAL A653, 33KSI MIN	WIDTH + 3.56	.075 (14GA)
ALUMINUM 3003-H14	WIDTH + 3.56	.090 (11GA)

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1201.02
Expiration Date 05/25/2027
By *[Signature]*
Miami-Dade Product Control

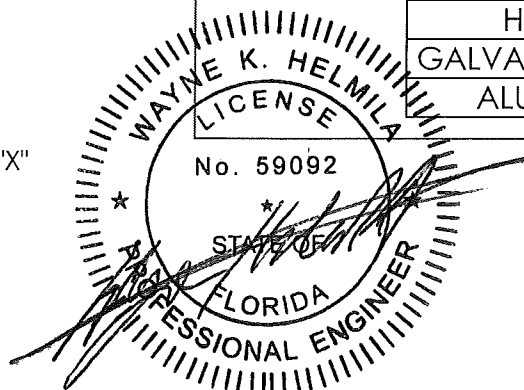
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Brooklyn Park, MN 55428

TITLE:
Roof Hatch, Personnel Series,
Single Door, Single Wall Curb
Two Point Latch

NAME	DATE	SIZE	DWG. NO.	REV
DRAWN AMB	8/17/2021	B	Two Point Latch Door Hatch Assembly	A
RELEASED AMB	11/10/2021	WEIGHT: Weight	SHEET 15 OF 16	



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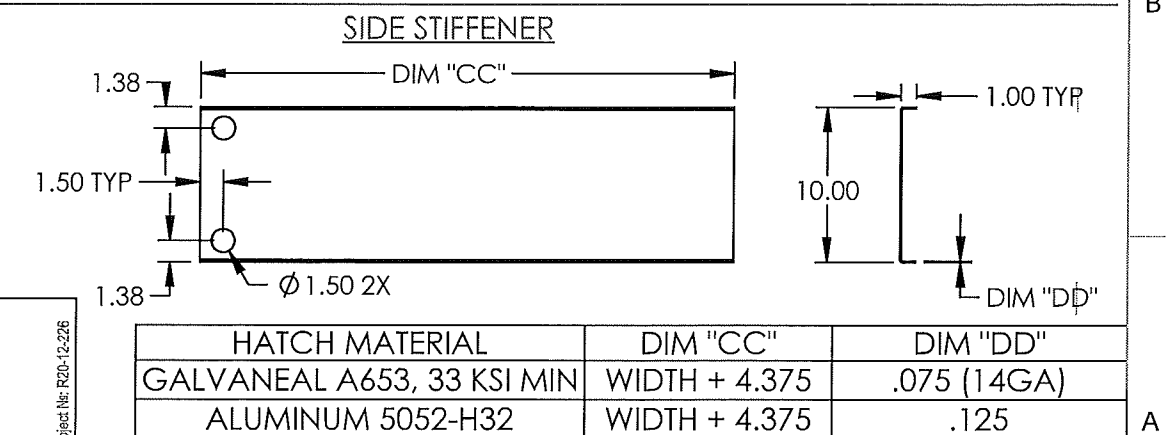
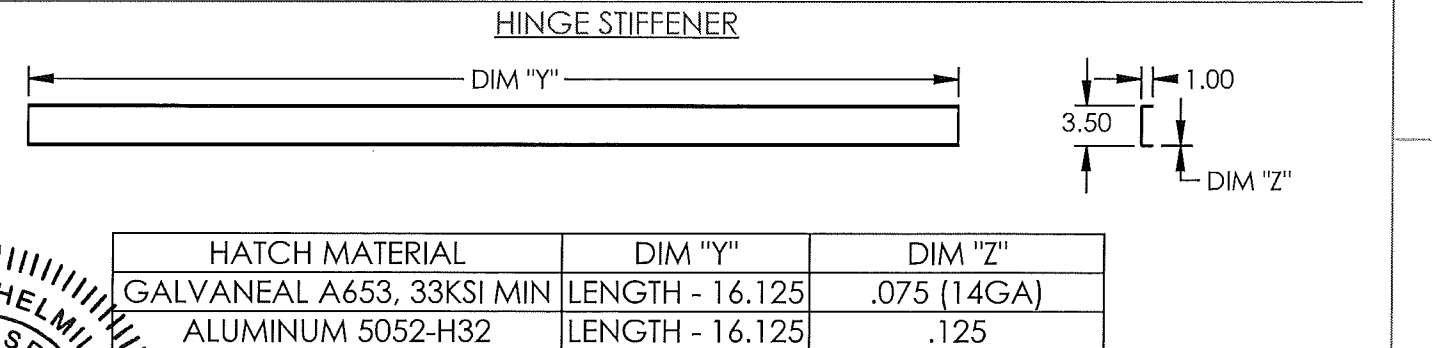
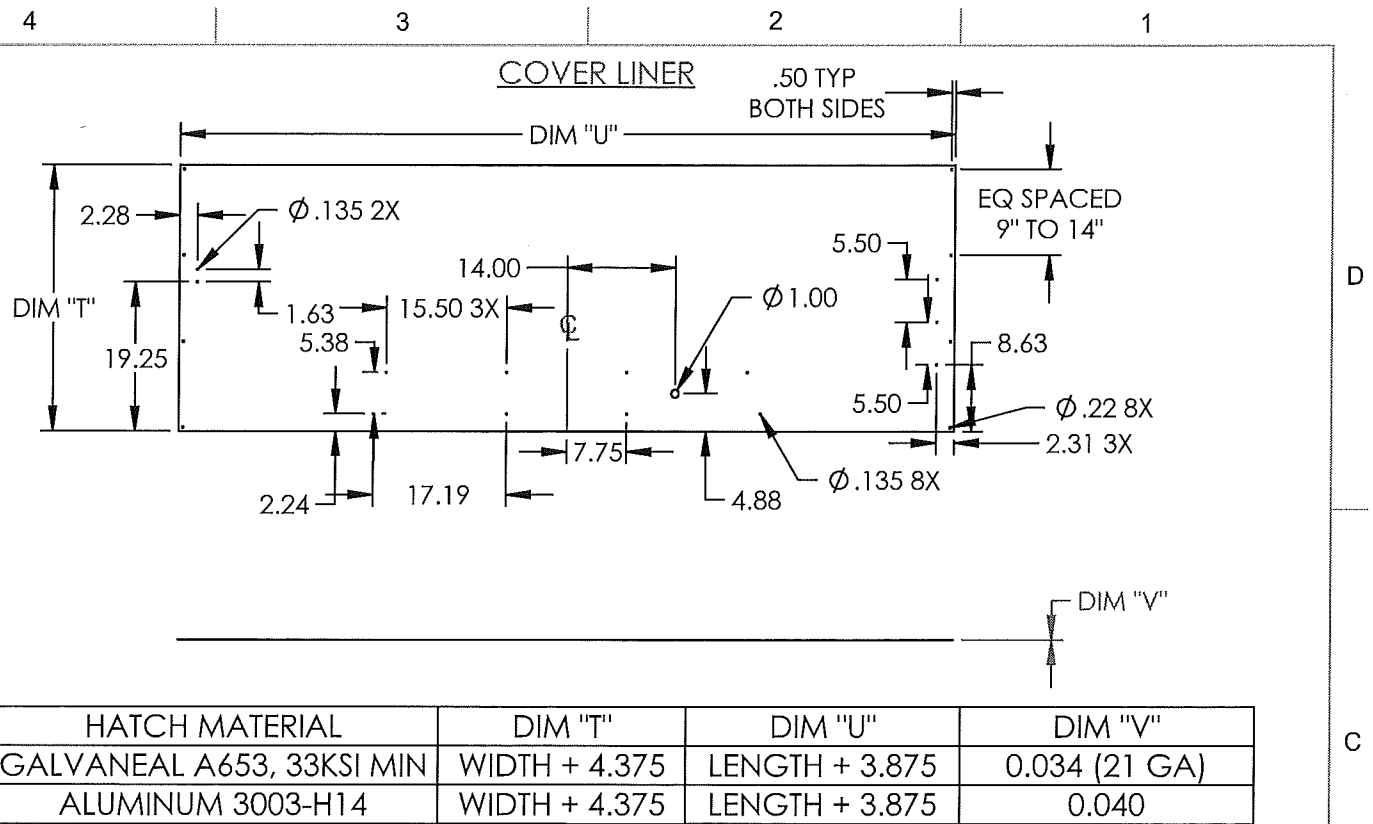


NOV 16 2021

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1201.02
Expiration Date 05/25/2027
By *[Signature]*
Miami-Dade Product Control

RICE
ENGINEERING
105 School Creek Trail
Luxemburg, WI 54217
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Florida Firm No: F-01000005061
Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092

Building Code: FBC 2020 — Project No: R20-12-226



9300 73rd Avenue North
Brooklyn Park, MN 55428

TITLE:
Roof Hatch, Personnel Series,
Single Door, Single Wall Curb
Two Point Latch

NAME	DATE	SIZE	DWG. NO.	REV
DRAWN	AMB	8/17/2021	B Two Point Latch Door Hatch Assembly	A
RELEASED	AMB	11/10/2021		

WEIGHT: Weight SHEET 16 OF 16