



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

Oikos Venezia, S.R.L.,
Via Della Tecnica No. 6,
30020 Gruaro, Italy

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: Series "Synua" Inswing Wood clad Steel Pivot Door -Impact.

APPROVAL DOCUMENT: Drawing No. **W16-87 Rev C**, titled "Series "Synua" Inswing Pivot Door", sheets 1 through 5 of 5, prepared by Al-Farooq Corp., dated NOV 11, 2020, and last revised on SEP 29, 2023, signed and sealed by Jalal Farooq, 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

Limitations:

1. Rubber gasket to be provided at frame jambs & panel perimeter and "Mose kit gasket system" at panel top and bottom rails, along with rigid gasket at threshold with snap on alum cover at exterior and interior side. Further clear silicone to be applied at threshold, frame head, jamb adapter covers and Mose gasket kit.
2. "MDF" Lacquered plywood is not permitted.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Gruaro, Italy and series and following statement: "Miami-Dade County Product Control Approved", 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 #22-0711.01** consists of this page 1 and evidence pages E-1, E-2, E-3 & E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

Ishaq I. Chanda



NOA No. 23-1012.17
Expiration Date: September 07, 2027
Approval Date: November 09, 2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's parts drawings and sections (Submitted under files below)
2. Drawing No. **W16-87**, titled "Series "Syuna" Inswing Pivot Door", sheets 1 through 5 of 5, prepared by Al-Farooq Corp., dated AUG 29, 2017, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
 - 3) Water Resistance Test, per PA 202-94
 - 4) Large Missile Impact Test per PA 201-94
 - 5) Cyclic Wind Pressure Loading per PA 203-94
 - 6) Forced Entry Test, per TAS 202-94

along with marked-up drawings and installation diagram of inswing single wood pivot doors and single outswing wood doors, prepared by Fenestration Testing, Lab., Test Report No. **FTL-8980** dated 02/15/17 and revised on 06/20/17 (R3), signed and sealed by Idalmis Ortega, P.E.
(This test report has addendum letter issued by lab, dated June 27, 2017 and July 28, 2017)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2014 (5th Edition) and FBC 2017 (6th Edition), prepared by Al-Farooq Corp., dated APR 06, 2017 and last revised on AUG 09, 2017, signed and sealed by Javad Ahmad, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

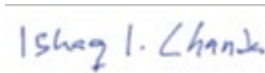
1. Technical material data sheet of Stone wool (Acustilaine 75), fire class A-1 per EN 13501-1, provided by manufacturer.

F. STATEMENTS

1. Statement letter of conformance to FBC 2014 (5th Edition), FBC 2017 (6th edition) and letter of no financial interest, dated August 29, 2017, prepared by Al-Farooq Corp., signed and sealed by Javad Ahmad, P.E.
2. Lab compliance as part of the above referenced test report.

G. OTHER

1. Test proposal #16-0855 and #16-0547-R-1, issued by RER.



Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-1012.17
Expiration Date: September 07, 2027
Approval Date: November 09, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **W16-87 Rev B**, titled “Series “Syuna” Inswing Pivot Door”, sheets 1 through 5 of 5, prepared by Al-Farooq Corp., dated NOV 11, 2020, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2020 (7th Edition), prepared by Al-Farooq Corp., dated 11/24/20 and last revised on 03/08/21, signed and sealed by Jalal Farooq, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

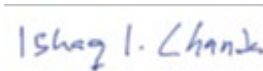
1. Technical material data sheet of Stone wool (Acustilaine 75), fire class A-1 per EN 13501-1, provided by manufacturer.

F. STATEMENTS

1. Statement letter of conformance to FBC 2020 (7th Edition), and letter of no financial interest, dated 11/24/20, prepared by Al-Farooq Corp., signed and sealed by Jalal Farooq, P.E.

G. OTHER

1. This NOA revises # **17-0214.01**, expiring 09/07/2022.



Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-1012.17
Expiration Date: September 07, 2027
Approval Date: November 09, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **W16-87 Rev B**, titled “Series “Syuna” Inswing Pivot Door”, sheets 1 through 5 of 5, prepared by Al-Farooq Corp., dated NOV 11, 2020, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None

C. CALCULATIONS (submitted under previous approval)

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS (submitted under previous approval)

1. Technical material data sheet of Stone wool (Acustilaine 75), fire class A-1 per EN 13501-1, provided by manufacturer.

F. STATEMENTS

1. Statement letter of conformance to FBC 2023 (8th Edition), dated 09/23/23, prepared by Al-Farooq Corp., signed and sealed by Jalal Farooq, P.E.
2. Statement letter of conformance to FBC 2020 (7th Edition), and letter of no financial interest, dated 07/01/22, prepared by Al-Farooq Corp., signed and sealed by Jalal Farooq, P.E. (submitted under previous approval)

G. OTHER

1. This NOA **renews #20-1208.01**, expiring 09/07/2027.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-1012.17
Expiration Date: September 07, 2027
Approval Date: November 09, 2023

Oikos Venezia, S.R.L.,

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. New Evidence submitted

A. DRAWINGS

1. Drawing No. **W16-87 Rev C**, titled “Series “Syuna” Inswing Pivot Door”, sheets 1 through 5 of 5, prepared by Al-Farooq Corp., dated NOV 11, 2020 and last revised on SEP 29, 2023, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None

C. CALCULATIONS (submitted under previous approval)

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS (submitted under previous approval)

1. Technical material data sheet of Stone wool (Acustilaine 75), fire class A-1 per EN 13501-1, provided by manufacturer.

F. STATEMENTS

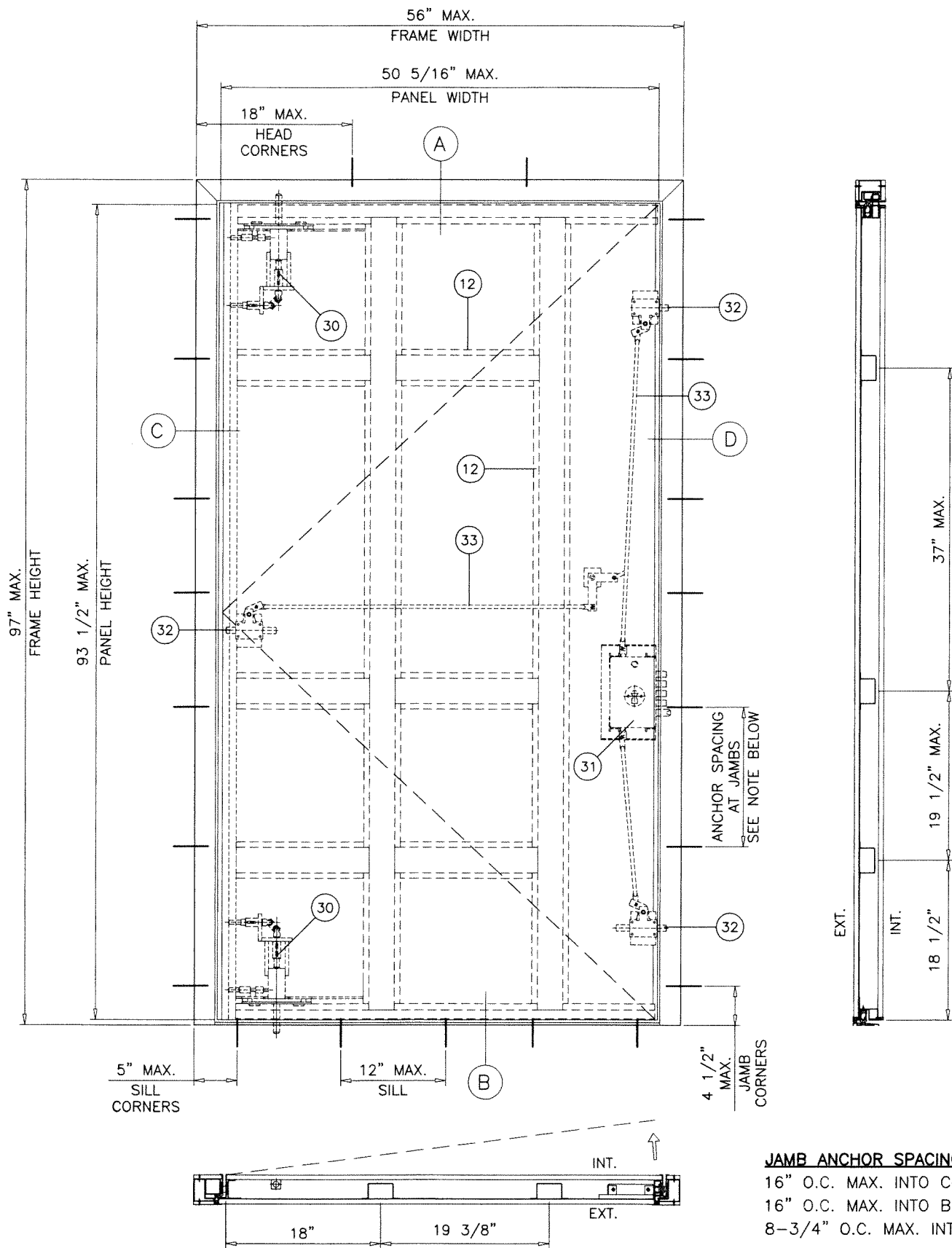
1. Statement letter of conformance to FBC 2020 (7th Edition), and letter of no financial interest, dated 07/01/22, prepared by Al-Farooq Corp., signed and sealed by Jalal Farooq, P.E.

G. OTHER

1. This NOA revises #22-0711.01 and updates to FBC 2023, expiring 09/07/2027.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-1012.17
Expiration Date: September 07, 2027
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TYPICAL ELEVATION

MAXIMUM DESIGN LOAD RATING = + 65.0 PSF
(FOR MAX. SIZE SHOWN ABOVE OR SMALLER) - 65.0 PSF
AS PERMITTED BY FBC REQUIREMENTS

NOTE:
APPLICABLE EGRESS REQUIREMENTS TO BE REVIEWED BY AHJ.

JAMB ANCHOR SPACING:
16" O.C. MAX. INTO CONCRETE, WOOD AND METAL
16" O.C. MAX. INTO BLOCKS, 3-1/8" MIN. EDGE DIST.
8-3/4" O.C. MAX. INTO BLOCKS, 1-1/4' MIN. EDGE DIST.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1012.17
Expiration Date 09/07/2027
By Ishag I. Chande
Miami-Dade Product Control

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

SERIES 'SYNUA'
INSWING PIVOT DOOR

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION
RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA
BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE
DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT
LOADS TO THE BUILDING STRUCTURE.

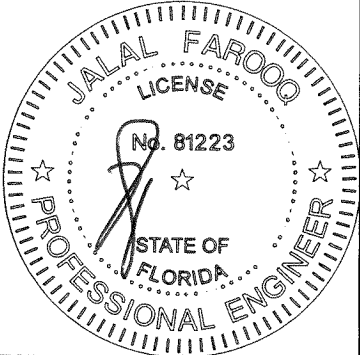
ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS
AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

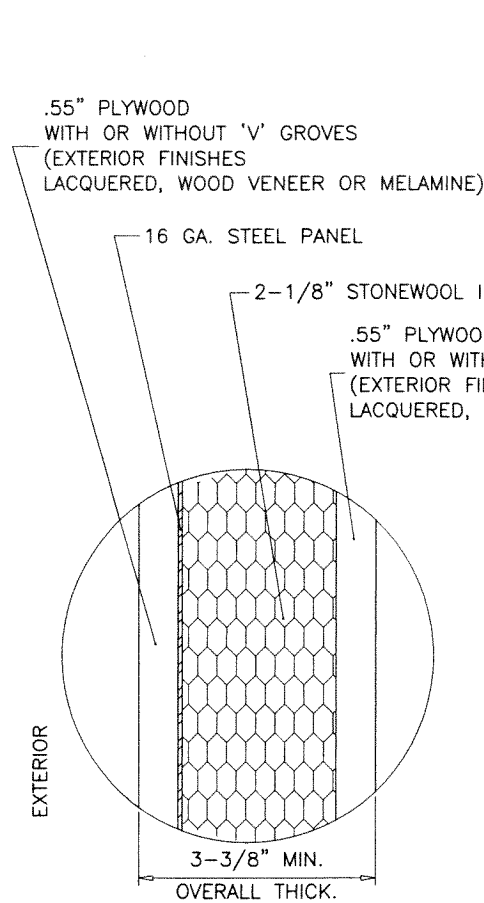


SEP 29 2023

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W16-87

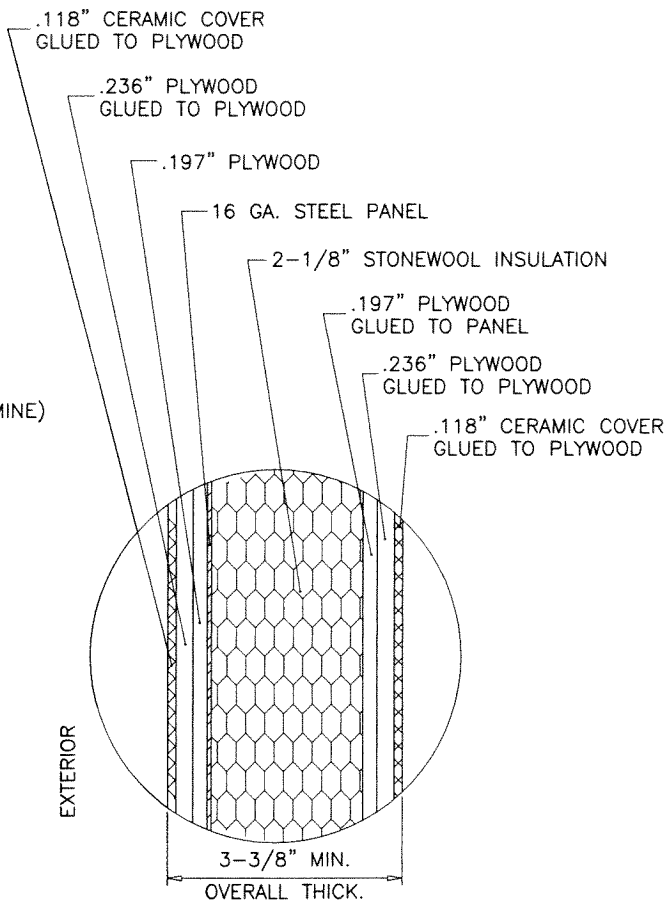
SERIES 'SYNUA' INSWING PIVOT DOOR (L.M.I.)
OIKOS VENEZIA SRL
VIA DELLA TECNICA NO. 6
30020 GRUARO - ITALY
TEL. 0039 0421 7671 FAX 0039 0421 767 222

revisions:	no	date	by	description
	A	04.24.17	REV. PER RER COMMENTS	
	B	11.05.20	UPDATED TO 2020 FBC	
	C	09.25.23	UPDATED TO 2023 FBC	
date:	12-22-16			
scale:	3/4"=1'-0"			
dr. by:	TARIQ			
chk. by:				
drawing no.	W16-87			
sheet	1 of 5			



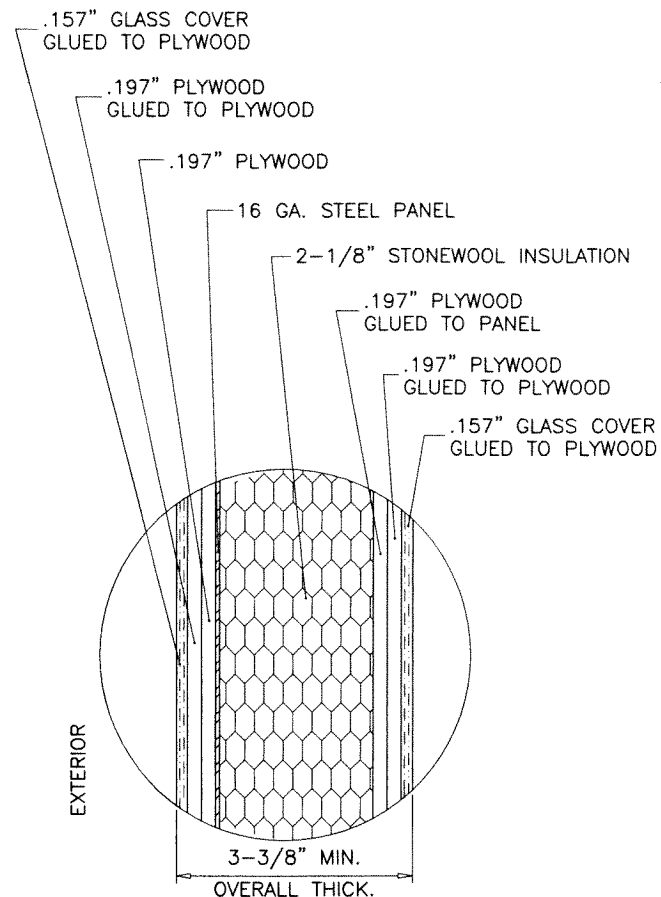
OPTION #1

EXTERIOR FINISHES WITH OR WITHOUT 'V' GROVES
LACQUERED, WOOD VENEER OR MELAMINE COVER



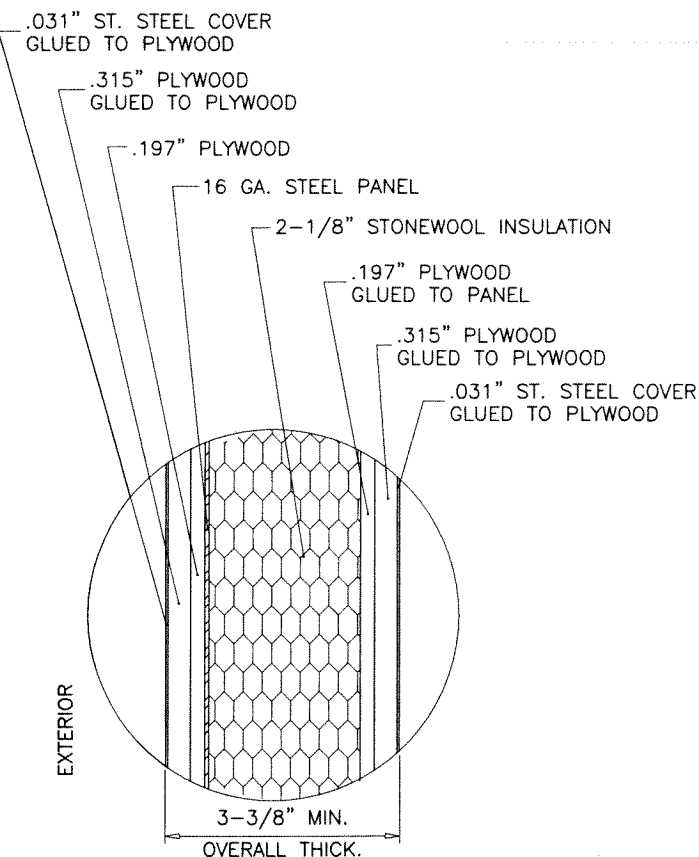
OPTION #2

EXTERIOR FINISHES CERAMIC COVER



OPTION #3

EXTERIOR FINISHES GLASS COVER



OPTION #4

EXTERIOR FINISHES ST. STEEL COVER

PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. 23-1012.17

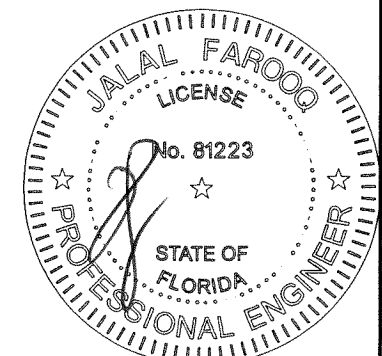
Expiration Date 09/07/2027

By Ishag I. Chanda
Miami-Dade Product Control

GLUED CLADDING OPTIONS

INTERIOR AND EXTERIOR CLADDING WITH SINGLE PANELS

NOTE:
EXTERIOR AND INTERIOR CLADDINGS
FASTENED TO PANEL RAILS AND STILES
USING #4 X 1" FH SMS
AT 2" FROM ENDS AND 9" O.C. MAX.



SEP 29 2023

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES 'SYNUA' INSWING PIVOT DOOR (L.M.I.)

OIKOS VENEZIA SRL

VIA DELLA TECNICA NO. 6

30020 GRUARO - ITALY

TEL. 0039 0421 7671 FAX 0039 0421 767 222

revisions:	no	date	description	by
	A	04.24.17	REV. PER RER COMMENTS	
	B	11.05.20	UPDATED TO 2020 FBC	
	C	09.25.23	NO CHANGE THIS SHEET	

date: 12-22-16	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
drawing no. W16-87	sheet 1.1 of 5		

.35" PLYWOOD
WITH OR WITHOUT 'V' GROVES
GLUED TO PLYWOOD
(EXTERIOR FINISHES
LACQUERED, WOOD VENEER OR MELAMINE)

.196" PLYWOOD
GLUED TO STEEL PANEL

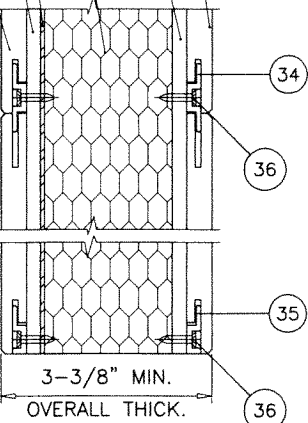
16 GA. STEEL PANEL

1-13/16" STONEWOOL INSULATION

.196" PLYWOOD

.35" PLYWOOD
WITH OR WITHOUT 'V' GROVES
GLUED TO PLYWOOD
(EXTERIOR FINISHES
LACQUERED, WOOD VENEER OR MELAMINE)

EXTERIOR



OPTION #1A

EXTERIOR FINISHES WITH OR WITHOUT 'V' GROVES
LACQUERED, WOOD VENEER OR MELAMINE COVER

.118" CERAMIC COVER
GLUED TO PLYWOOD

.236" PLYWOOD
GLUED TO PLYWOOD

.196" PLYWOOD
GLUED TO STEEL PANEL

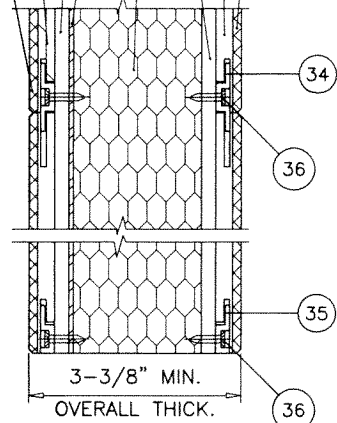
16 GA. STEEL PANEL

1-13/16" STONEWOOL INSULATION

.196" PLYWOOD

.236" PLYWOOD
GLUED TO PLYWOOD
.118" CERAMIC COVER
GLUED TO PLYWOOD

EXTERIOR



OPTION #2A

EXTERIOR FINISHES CERAMIC COVER

.157" GLASS COVER
GLUED TO PLYWOOD

.197" PLYWOOD
GLUED TO PLYWOOD

.196" PLYWOOD
GLUED TO STEEL PANEL

16 GA. STEEL PANEL

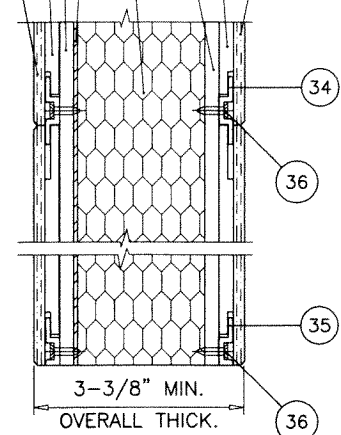
1-13/16" STONEWOOL INSULATION

.196" PLYWOOD

.197" PLYWOOD
GLUED TO PLYWOOD

.157" GLASS COVER
GLUED TO PLYWOOD

EXTERIOR



OPTION #3A

EXTERIOR FINISHES GLASS COVER

.031" ST. STEEL COVER
GLUED TO PLYWOOD

.315" PLYWOOD
GLUED TO PLYWOOD

.196" PLYWOOD
GLUED TO STEEL PANEL

16 GA. STEEL PANEL

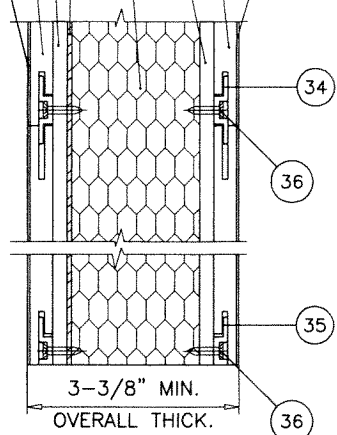
1-13/16" STONEWOOL INSULATION

.196" PLYWOOD

.315" PLYWOOD
GLUED TO PLYWOOD

.031" ST. STEEL COVER
GLUED TO PLYWOOD

EXTERIOR



OPTION #4A

EXTERIOR FINISHES ST. STEEL COVER

PRODUCT REVISED
as complying with the Florida
Building Code

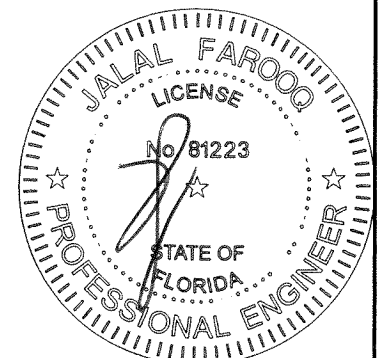
NOA-No. 23-1012.17

Expiration Date 09/07/2027

By Ishag I. Chanda
Miami-Dade Product Control

MECHANICAL FASTENED CLADDING OPTIONS

INTERIOR AND EXTERIOR CLADDING WITH SECTORS
SECTOR WIDTH = LEAF WIDTH
SECTOR HEIGHT = (VARIES) 12" MAX.



SEP 29 2023

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
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C.A.N. 3538

SERIES 'SYNUA' INSWING PIVOT DOOR (L.M.I.)

OIKOS VENEZIA SRL

VIA DELLA TECNICA NO. 6

30020 GRUARO - ITALY

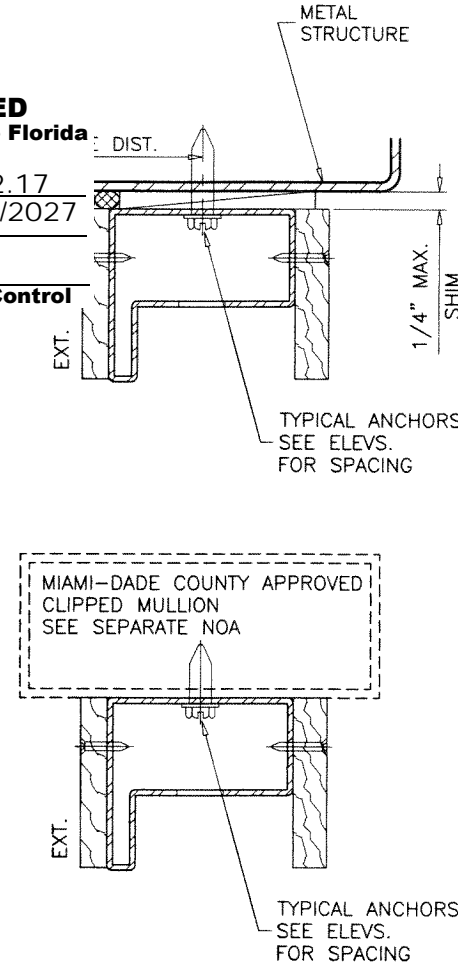
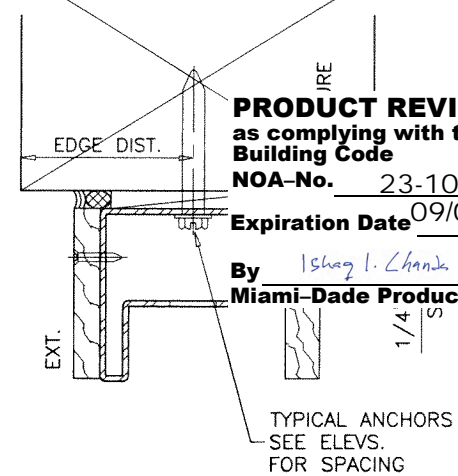
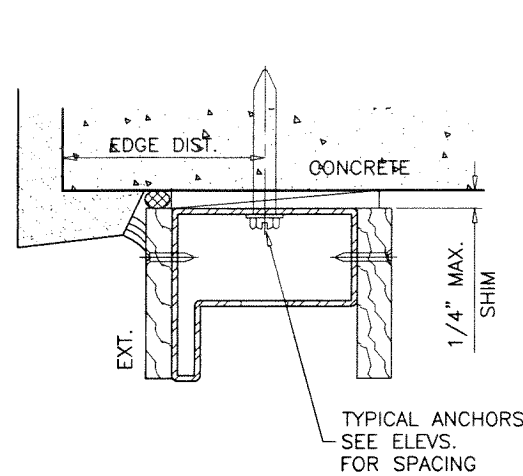
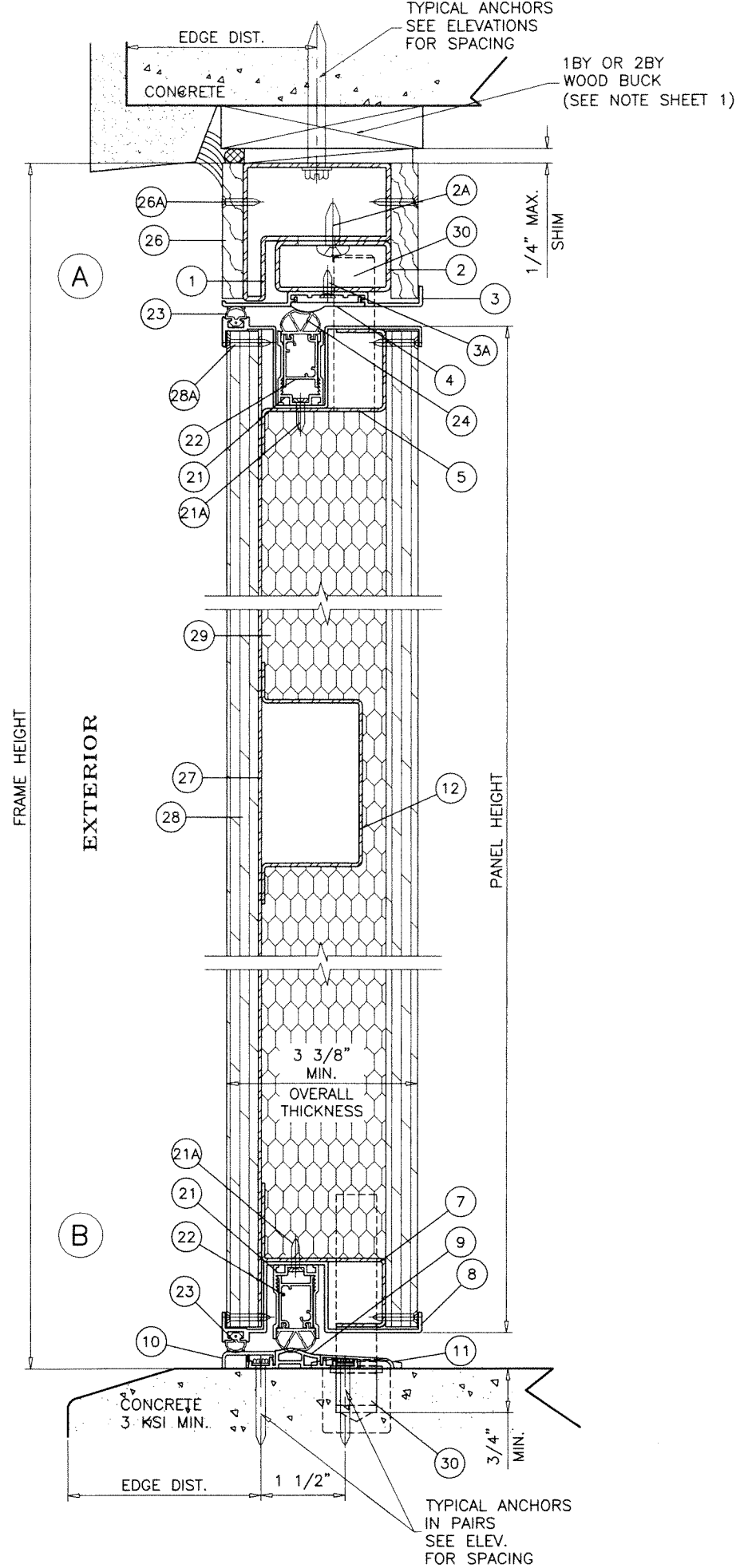
TEL. 0039 0421 7671 FAX 0039 0421 767 222

revisions:	no	date	by	description
	A	04.24.17		REV. PER RER COMMENTS
	B	11.05.20		UPDATED TO 2020 FBC
	C	09.25.23		NO CHANGE THIS SHEET

date: 12-22-16
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W16-87

sheet 1.2 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY 'OIKOS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS AT HEAD/JAMBS: SEE ELEV. FOR SPACING

5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)

INTO WOOD STRUCTURES
 1-7/8" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
 THRU 1BY OR 2BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
 1-1/4" MIN. EMBED INTO MASONRY (JAMBS)

DIRECTLY INTO CONCRETE OR MASONRY
 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
 1-1/4" MIN. EMBED INTO MASONRY (JAMBS)

5/16" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR
 INTO METAL STRUCTURES (HEAD/JAMBS)
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

INTO CONCRETE = 1-1/4" MIN.
 INTO MASONRY = 1-1/4" OR 3-1/8" MIN. (SEE ELEVATION)
 INTO WOOD STRUCTURE = 1-1/4" MIN.
 INTO METAL STRUCTURE = 1/2" MIN.

WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 GROUT FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

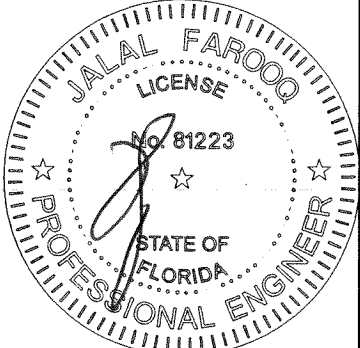
TYPICAL ANCHORS AT SILL: SEE ELEV. FOR SPACING

3/16" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=117 KSI)

DIRECTLY INTO CONCRETE, 3000 PSI MIN.
 1-1/2" MIN. EMBEDMENT
 2-1/2" MIN. EDGE DISTANCE

PRODUCT REVISED
 as complying with the Florida Building Code
 NOA-No. 23-1012.17
 Expiration Date 09/07/2027
 By Ishag I. Chanda
 Miami-Dade Product Control

SEP 29 2023



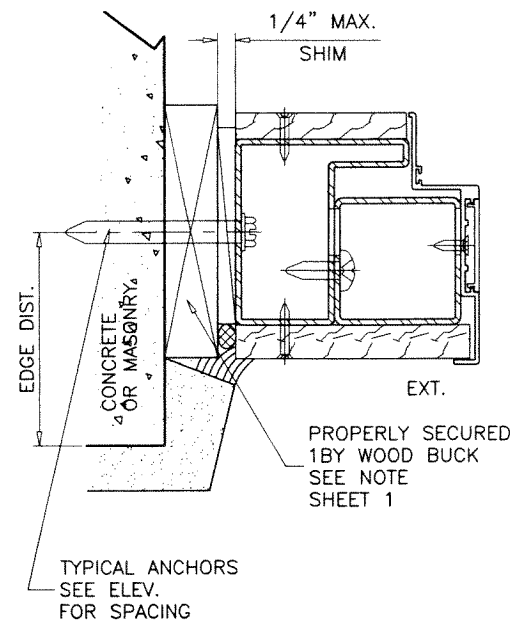
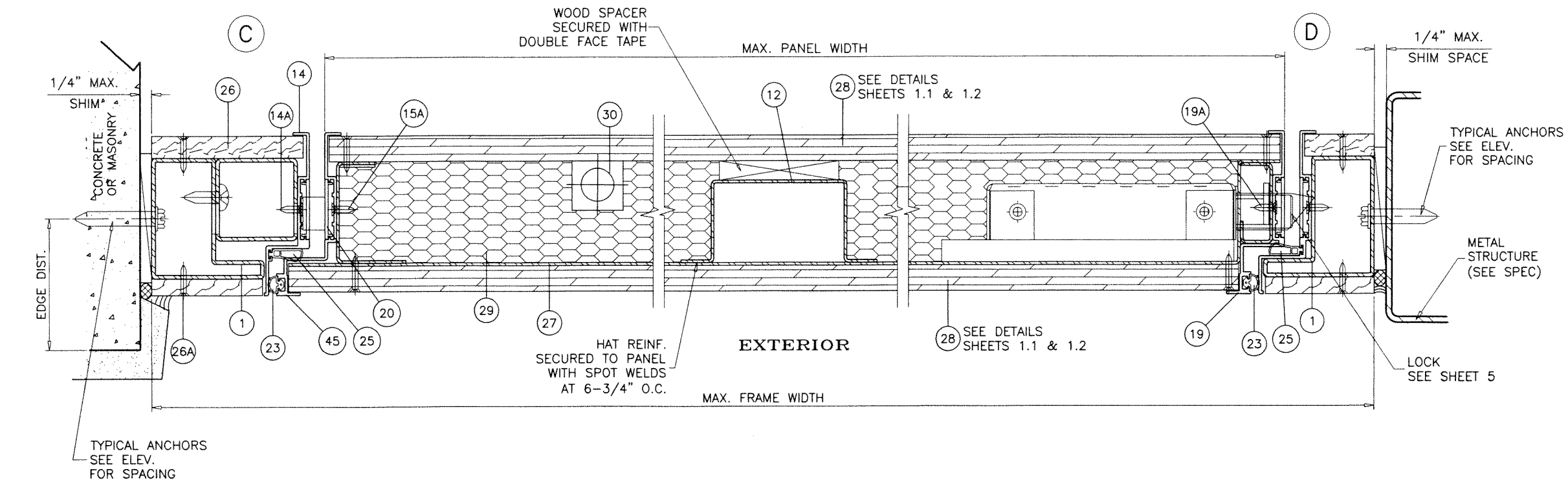
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL W16-87

SERIES 'SYNUA' INSWING PIVOT DOOR (L.M.I.)
OIKOS VENEZIA SRL
 VIA DELLA TECNICA NO. 6
 30020 GRUARO - ITALY
 TEL. 0039 0421 7671 FAX 0039 0421 767 222

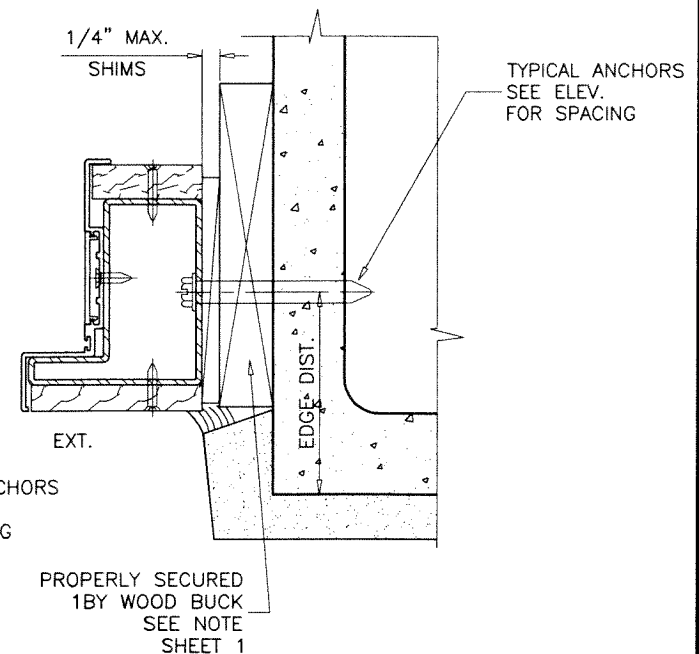
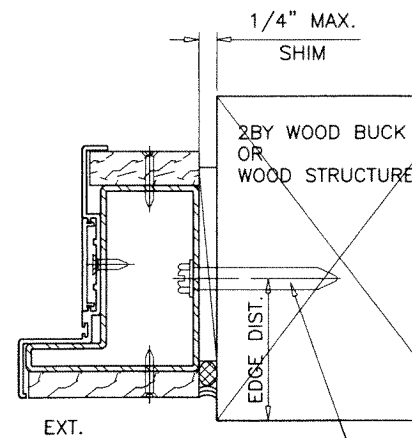
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	B	11.05.20		UPDATED TO 2020 FBC
	C	09.25.23		NO CHANGE THIS SHEET

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 dr. by: TARIQ
 chk. by:

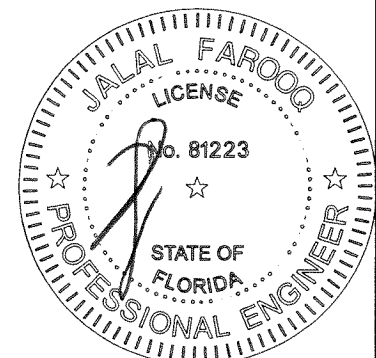
drawing no.
W16-87
 sheet 2 of 5



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 Miami-Dade Product Control



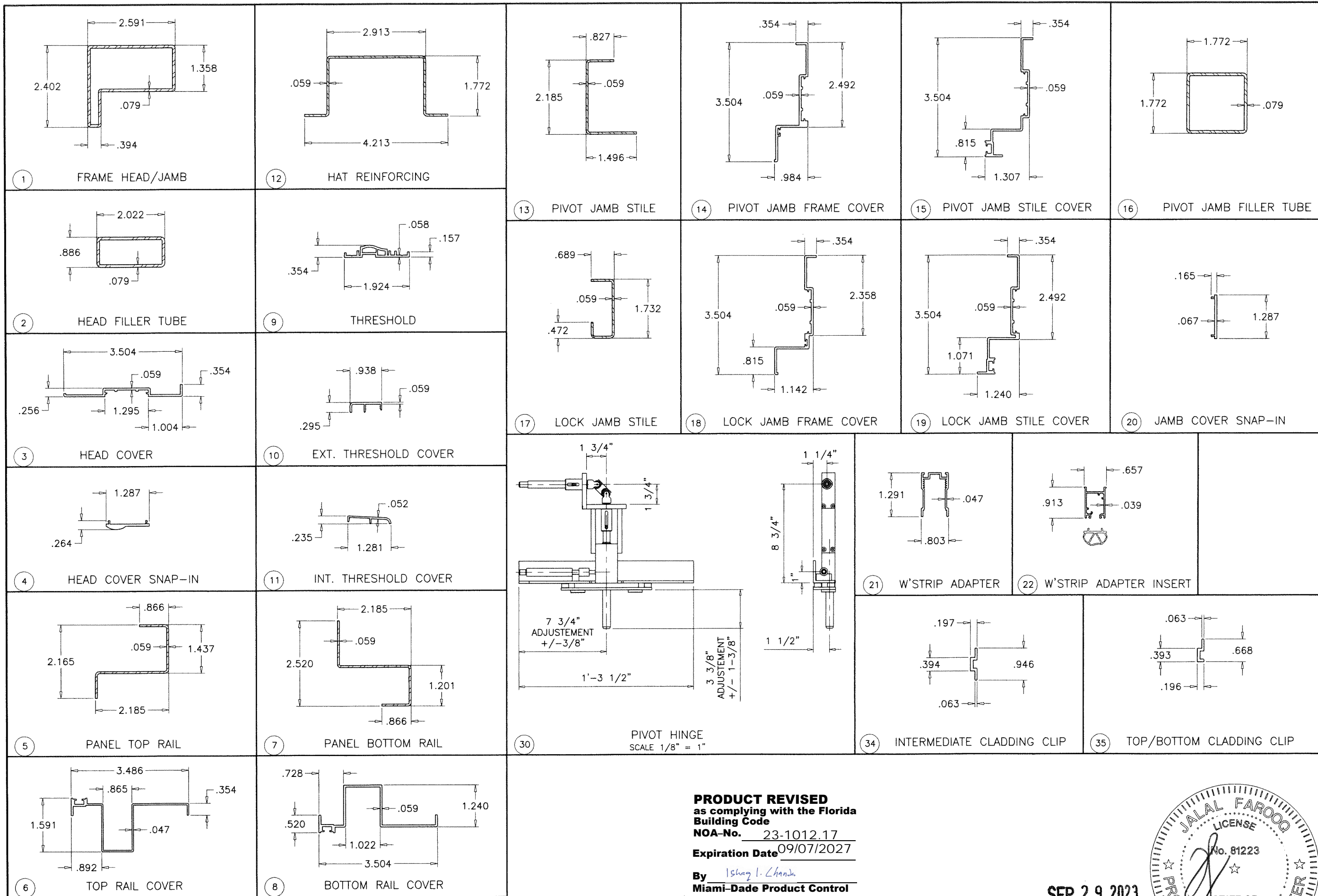
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AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 C.A.N. 3538
 COMP-ANL W16-87

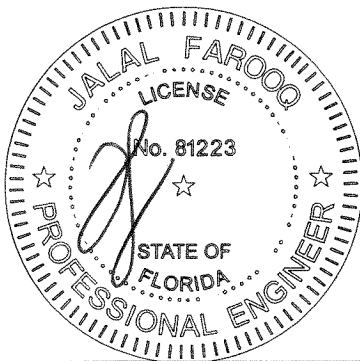
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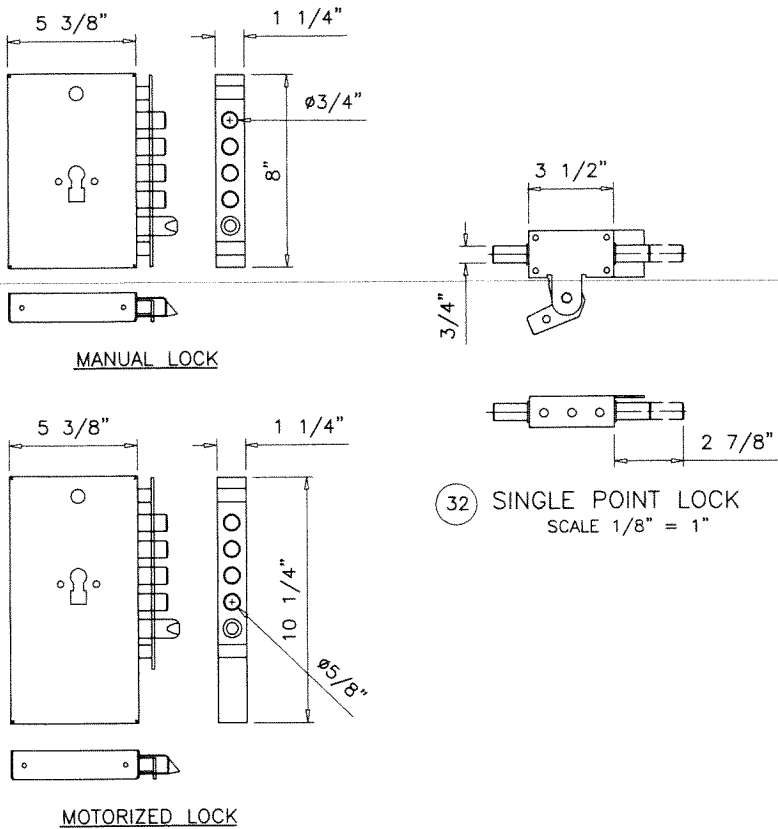
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31 5 POINT CENTER LOCK
SCALE 1/8" = 1"

5 POINT CENTER LOCK (#31) CONNECTED TO TOP, BOTTOM & SIDE
SINGLE POINT LOCKS (#32) WITH CONNECTING RODS (#33)

DOOR HARDWARE

LOCKS:

ELECTRICAL FUNCTION IS NOT PART OF THIS APPROVAL.

FLUSH MOUNT 8 POINT LOCK SYSTEM AT 38" FROM BOTTOM
KEY OPERATED ON EXTERIOR FASTENED WITH (1) #6 X 5/8" MS
THUMB TURN ON INTERIOR FASTENED WITH (3) #6 X 7/8" FH SMS
5 POINT CENTER LOCK WITH CONNECTING RODS ACTIVATES
SINGLE LOCKS AT TOP, BOTTOM & OPPOSITE SIDE
CENTER LOCK FASTENED TO LOCK BRACKET
WITH (4) #6 X 5/8" MACHINE SCREWS
SINGLE LOCKS WELDED TO 3/8" X 2-1/8" X 3/8" BY 5-3/16" LONG
CHANNEL BRACKET
BRACKETS WELDED TO PANEL
1-1/4" X 7" LONG CONCEALED NYLON KEEPERS FACING CENTER LOCK
1-1/4" X 1-1/2" LONG CONCEALED NYLON KEEPERS FACING SINGLE LOCKS

HANDLES:

SURFACE MOUNT PULL HANDLE AT 37-1/2" FROM BOTTOM
ON EXTERIOR, FASTENED WITH
(1) 1/4" X 2-3/4" FH SMS
(2) #12 X 5/8" SET SCREWS

SURFACE MOUNT LEVER TYPE HANDLE AT 41-1/2" FROM BOTTOM
ON INTERIOR, FASTENED WITH
(1) #6 X 1/4" SET SCREWS
(3) #4 X 1-1/2" FH SMS

HINGES:

PIVOT HINGES AT FRAME HEAD AND SILL
WELDED TO PANEL

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
'SCHNEE-MOREHEAD 5504' SEAM SEALER.

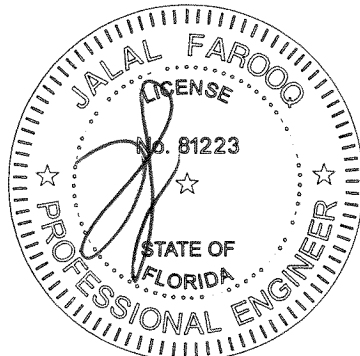
ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	3	FRAME HEAD/JAMB	STEEL	-
2	-	1	HEAD FILLER TUBE	STEEL	-
2A	#14 X 5/8"	AS REQD.	FILLER TUBE FASTENERS, AT 3" FROM ENDS & 10" O.C.	ST. STEEL	PH SMS
3	-	1	HEAD COVER	6060-T5	-
3A	#8 X 7/8"	AS REQD.	COVER FASTENERS, AT 4" FROM ENDS & 12" O.C.	ST. STEEL	FH SELF DRILLING
4	-	1	HEAD COVER SNAP-IN	6060-T5	-
5	-	1	PANEL TOP RAIL	STEEL	-
6	-	1	TOP RAIL COVER	6060-T5	-
7	-	1	PANEL BOTTOM RAIL	STEEL	-
8	-	1	BOTTOM RAIL COVER	6060-T5	-
9	-	1	THRESHOLD	PVC	-
10	-	1	EXT. THRESHOLD COVER	6060-T5	-
11	-	1	INT. THRESHOLD COVER	6060-T5	-
12	-	AS REQD.	HAT REINFORCING, SPOT WELDED TO PANEL AT EACH END	STEEL	-
13	-	1	PIVOT JAMB STILE	STEEL	-
14	-	1	PIVOT JAMB FRAME COVER	6060-T5	-
14A	#6 X 7/8"	AS REQD.	COVER FASTENERS, AT 2" FROM ENDS & 6" O.C.	6060-T5	-
15	-	1	PIVOT JAMB STILE COVER	6060-T5	-
15A	#6 X 7/8"	AS REQD.	COVER FASTENERS, AT 2" FROM ENDS & 10" O.C.	ST. STEEL	FH SELF DRILLING
16	-	1	PIVOT JAMB FILLER TUBE	STEEL	-
16A	#14 X 5/8"	AS REQD.	FILLER TUBE FASTENERS, AT 6" FROM ENDS & 16" O.C.	ST. STEEL	PH SMS
17	-	1	LOCK JAMB STILE	STEEL	-
18	-	1	LOCK JAMB FRAME COVER	6060-T5	-
19	-	1	LOCK JAMB STILE COVER	6060-T5	-
19A	#6 X 7/8"	AS REQD.	COVER FASTENERS, AT 2" FROM ENDS & 10" O.C.	ST. STEEL	FH SELF DRILLING
20	-	AS REQD.	JAMB COVER SNAP-IN	6060-T5	-
21	-	-	W'STRIP ADAPTER	6060-T5	-
21A	-	AS REQD.	W'STRIP ADAPTER FASTENERS	ST. STEEL	-
22	-	-	W'STRIP ADAPTER INSERT	6060-T5	-
23	-	AS REQD.	EXTERIOR W'STRIPPING	VINYL	-
24	-	AS REQD.	INTERIOR W'STRIPPING	VINYL	-
25	-	AS REQD.	FRAME JAMB W'STRIPPING	VINYL	-
26	-	OPTIONAL	INTERIOR/EXTERIOR TRIM	PLYWOOD	-
26A	#6 X 7/8"	AS REQD.	TRIM FASTENERS, AT 5" FROM ENDS & 16" O.C.	ST. STEEL	FH SELF DRILLING
27	-	-	DOOR PANEL, WELDED TO RAILS AND STILES	STEEL	16 GA. (.058") MIN. Fy = 41,000
28	-	-	PANEL COVER (SEE SHEET 1.1 FOR OPTIONS)	-	-
28A	#4 X 1"	AS REQD.	COVER FASTENERS, AT 2" FROM ENDS & 9" O.C.	ST. STEEL	FH SMS
29	-	AS REQD.	PANEL CORE (INSULATION)	STONE WOOL	-
30	-	2	PIVOT HINGE	-	-
31	-	-	5 POINT CENTER LOCK (USE WITH ITEM #32 & #33)	-	OIKOS
32	-	-	SINGLE POINT LOCK (USE WITH ITEM #31 & #33)	-	OIKOS
33	-	-	CONNECTING RODS (USE WITH ITEM #31 & #32)	-	OIKOS
34	-	AS REQD.	INTERMEDIATE CLADDING CLIP	6060-T5	-
35	-	AS REQD.	TOP/BOTTOM CLADDING CLIP	6060-T5	-
36	#4 X 7/16"	AS REQD.	CLADDING CLIP FASTENERS, AT 6" FROM ENDS & 10" O.C.	ST. STEEL	FH SMS

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