



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

HS Doors, LLC
 18802 SW 55th Street,
 Miramar, FL 33029

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 “HI-TECH” Outswing Steel Entrance Doors-Impact.

APPROVAL DOCUMENT: Drawing No. **W08-73 Rev H** titled “Series “HI-TECH” OutSwing Entrance Door” Sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 08-11-08 and last revised on APR 09, 2024, signed and sealed by Jalal Farooq, P.E., 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

Limitations:

1. Max. height of the door with Wood veneer is limited to 100” (w/ min 5 Hinges) and Decorative Steel is limited to 83” (w/ min 4 hinges). See hinges location in sheet **6**.
2. Spot welded steel shear plate #22 is required at frames at head, side jambs and sill.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Yongkang, Zhejiang, China 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 **renews NOA #23-0119.04** 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 **Ishaq I. Chanda, P.E.** *Ishaq I. Chanda*



NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 1. Evidence submitted under previous approval**
- A. DRAWINGS**
 1. Manufacturer's die drawings and sections (Submitted under files #13-0114.09/ #09-0128.07)
 2. Drawing No. **W08-73 Rev D** titled "Series "HI-TECH" Outswing Entrance Door" Sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 08-11-08 and last revised on August 21, 2014, signed and sealed by Javad Ahmad, P.E.
- B. TESTS (Submitted under files #13-0114.09/# 09-0128.07)**
 1. Test reports 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 Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with installation diagram of double outswing steel doors, marked-up by Fenestration Testing Laboratories, Inc. Test Reports Nos. **FTL 5478 (FTL07190)**, dated 01/26/09 and **FTL 5656 (FTL08090)** dated 01/27/09, both signed and sealed by Carlos Rionda, P. E.
- C. CALCULATIONS**
 1. Anchor verification calculations and structural analysis, complying with FBC-2014, prepared by Al Farooq Corporation, dated 07/30/14, signed & sealed by Javad Ahmad, P.E.
 2. Anchor verification calculations and structural analysis, complying with FBC-2010, prepared by Al Farooq Corporation, dated 08/20/12, signed & sealed by Javad Ahmad, P.E.
- D. QUALITY ASSURANCE**
 1. Miami Dade Department of Regulatory and Economic Resources (RER).
- E. MATERIAL CERTIFICATIONS (Submitted under files #13-0114.09/ # 09-0128.07)**
 1. Tensile Test report No. **FTL5478**, Tests #1, 2 & 3 dated 01-26-09 per ASTM A-370-05 for steel face sheet, prepared by Fenestration Testing laboratory, signed and sealed by Carlos Rionda, P.E.
- F. STATEMENTS (except item #1, all other submitted in previous NOA(s) submittals.**
 1. Statement letter of conformance to FBC 2014 and letter of no financial interest, prepared by Al Farooq Corporation, dated 07/30/14, signed and sealed by Javad Ahmad, P.E
 2. Statement letter of conformance to FBC 2010 and letter of no financial interest, prepared by Al Farooq Corporation, dated 08/07/12, signed and sealed by Javad Ahmad, P.E.
 3. Statement letter dated June 24, 2013, issued by Unlimited Security Door, LLC of legal name change and requesting NOA to be issued to new name and existing NOA # **09-0128.07 (NAS Unlimited Doors, LLC)** to be rescinded.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0228.01
Expiration Date: January 27, 2025
Approval Date: April 25, 2024

HS Doors, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (continue):

4. Statement letter dated Jan 14, 2013, of NAS Unlimited Door, LLC transformed to Unlimited Security Doors, LLC, signed by Sergio Mattig, MGRM, NAS unlimited.
5. Lab compliance as part of the above referenced test report.

G. OTHER

1. This NOA **revises & renews NOA # 13-0114.09**, expired on 07/22/14.
2. Test proposal # 07-3338, 07-3338 R and 07-03338R-1, dated 06/05/08, approved by BCCO.
3. Distribution agreement dated 04/11/13 between Unlimited Security Doors, LLC (USA distributor) and the Zhejiang Yangkang Doors, China (manufacturer), signed by Maylin Matting and Xu Xian Bo on behalf of the respective companies.
4. Previous NOA(s) # 13-0114.09, # 09-0128.07 (Former NAS Unlimited Doors, LLC)

2. Evidence submitted under previous approval.

A. DRAWINGS

1. Drawing No. **W08-73 Rev E** titled “Series “HI-TECH” OutSwing Entrance Door” Sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 08-11-08 and last revised on NOV 13, 2017, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 2017 (6th Edition)**, dated 11/13 prepared by Al-Farooq Corporation, 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. None.

F. STATEMENTS

1. Statement letter of conformance to **FBC 6th Edition (2017)**, name change and of no financial interest, prepared by Al Farooq Corporation, dated 10/25/17, signed & sealed by Javad Ahmad, P.E.
2. Distribution agreement dated 10/12/17 between Infinity Energy Enterprises, LLC (USA distributor) and the Zhejiang Yangkang Doors, China (manufacturer), signed by Fabio Pirrozi (manager) and Xu Xian Bo on behalf of the respective companies.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0228.01
Expiration Date: January 27, 2025
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (continue):

3. State of Florida, Division of Corporation listing of Infinity Energy Enterprises, LLC as active status.
4. State of Florida, Division of Corporation listing of Infinity Energy Enterprises, LLC, as “7Doors” fictitious name.
5. Statement of lab compliance, as part of test report.

G. OTHER

1. This NOA revises NOA #14-0616.01(former **Unlimited Security Doors, LLC**), expiring 07/22/2019.

3. Evidence submitted under previous approval.

A. DRAWINGS

1. Drawing No. **W08-73 Rev G** titled “Series “HI-TECH” OutSwing Entrance Door” Sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 08-11-08 and last revised on Jan 03, 2022, 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), dated 12/29/21, prepared by Al-Farooq Corporation, 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. None.

F. STATEMENTS

1. Statement letter of conformance to **FBC 7th Edition (2020)**, and of no financial interest, prepared by Al Farooq Corporation, dated 12/29/21, signed & sealed by Jalal Farooq, P.E.
2. Distribution agreement dated 11/13/21 between Infinity Energy Enterprises, LLC, now HS Doors, LLC (USA distributor) and the Zhejiang Yangkang Doors, China (manufacturer), signed by Fabio Sergio Mattig (AMMR) and Xu Xian Bo (CEO) on behalf of the respective companies.
3. State of Florida, Division of Corporation listing dated DEC 03, 2021 of Infinity Energy Enterprises, LLC name change as HS Doors, LLC, signed by Laurel M. Lee, Secretary of State of Florida.
4. QAI test laboratory letter dated 11/22/21 of pending test of HS Outswing Doors, signed by MS. Luisnda Delgado, Lab rep.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0228.01
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G. OTHER

1. This NOA conditionally **revises & renews NOA #18-0328.01**(former **Infinity Energy Enterprises, LLC**), expiring 01/27/2023, subjected to completion of retest.
2. RER test proposal #22-0032.

4. Evidence submitted under previous approval.

A. DRAWINGS

1. Drawing No. **W08-73 Rev G** titled “Series “HI-TECH” OutSwing Entrance Door” Sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 08-11-08 and last revised on Jan 03, 2022, signed and sealed by Jalal Farooq, P.E.

B. TESTS (submitted under previous approval)

1. None.

C. CALCULATIONS (submitted under previous approval)

1. Anchor verification calculations and structural analysis, complying with **FBC 2020** (7th Edition), dated 12/29/21, prepared by Al-Farooq Corporation, 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. None.

F. STATEMENTS (submitted under previous approval #22-0105.06, except #1)

1. QAI test laboratory letter dated 01/12/23 of pending test of HS Outswing Doors, signed by MS. Luisnda Delgado, Technical report Writer
2. Statement letter of conformance to **FBC 7th Edition (2020)**, and of no financial interest, prepared by Al Farooq Corporation, dated 12/29/21, signed & sealed by Jalal Farooq, P.E.
3. Distribution agreement dated 11/13/21 between Infinity Energy Enterprises, LLC, now HS Doors, LLC (USA distributor) and the Zhejiang Yangkang Doors, China (manufacturer), signed by Fabio Sergio Mattig (AMMR) and Xu Xian Bo (CEO) on behalf of the respective companies.
4. State of Florida, Division of Corporation listing dated DEC 03, 2021 of Infinity Energy Enterprises, LLC name change as HS Doors, LLC, signed by Laurel M. Lee, Secretary of State of Florida.
5. QAI test laboratory letter dated 11/22/21 of pending test of HS Outswing Doors, signed by MS. Luisnda Delgado, Lab rep.

G. OTHER

1. This NOA conditionally **renews NOA #22-0105.06**, expiring 01/27/2024, subjected to completion of retest .
2. RER test proposal #22-0032.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0228.01
Expiration Date: January 27, 2025
Approval Date: April 25, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. New Evidence submitted.

A. DRAWINGS

1. Drawing No. **W08-73 Rev H** titled “Series “HI-TECH” OutSwing Entrance Door” Sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 08-11-08 and last revised on APR 09, 2024, signed and sealed by Jalal Farooq, P.E.

B. TESTS (submitted under previous approval)

1. None.

D. CALCULATIONS (submitted under previous approval)

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS (Items 4 & 5, submitted under approval #22-0105.06)

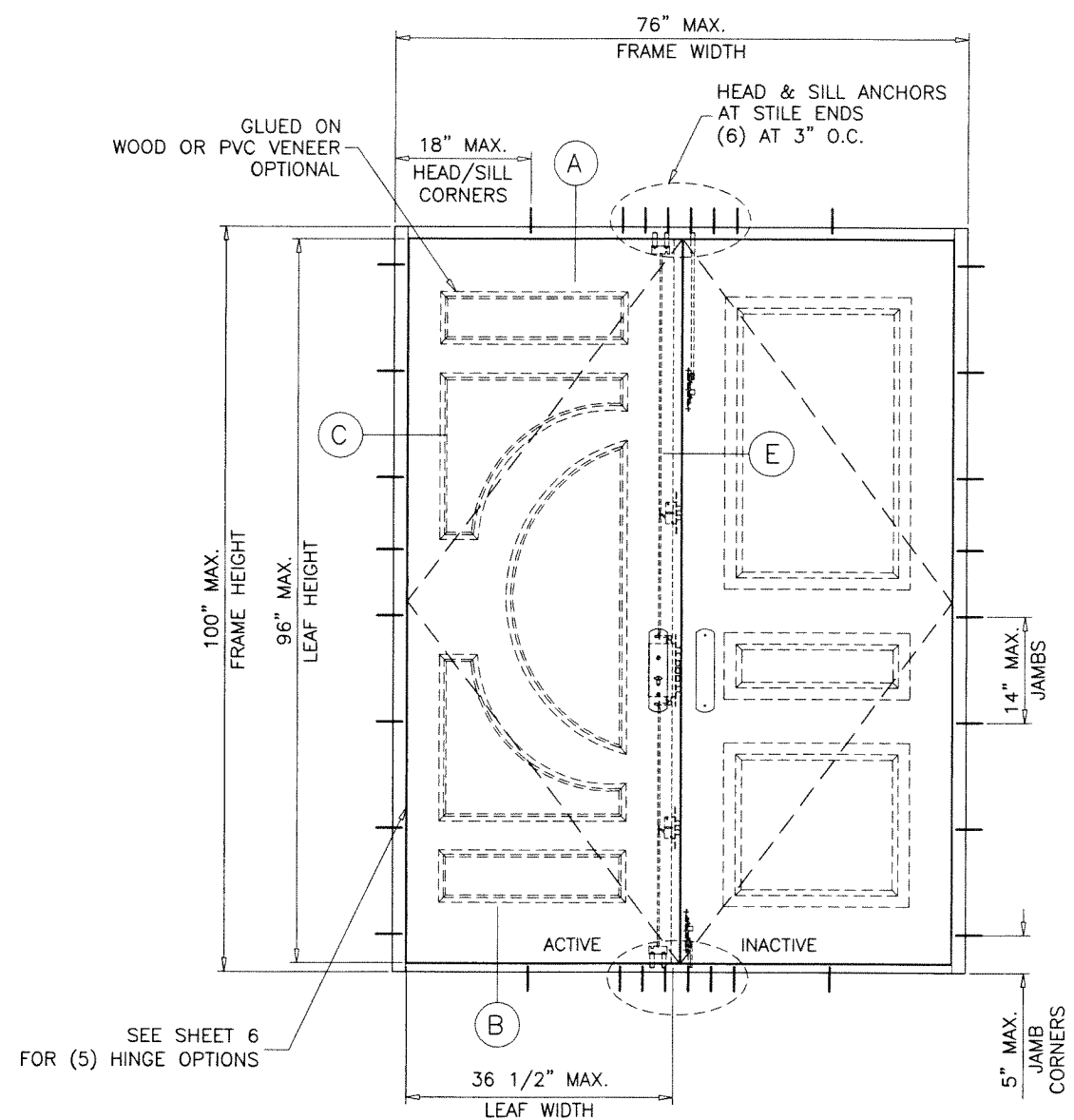
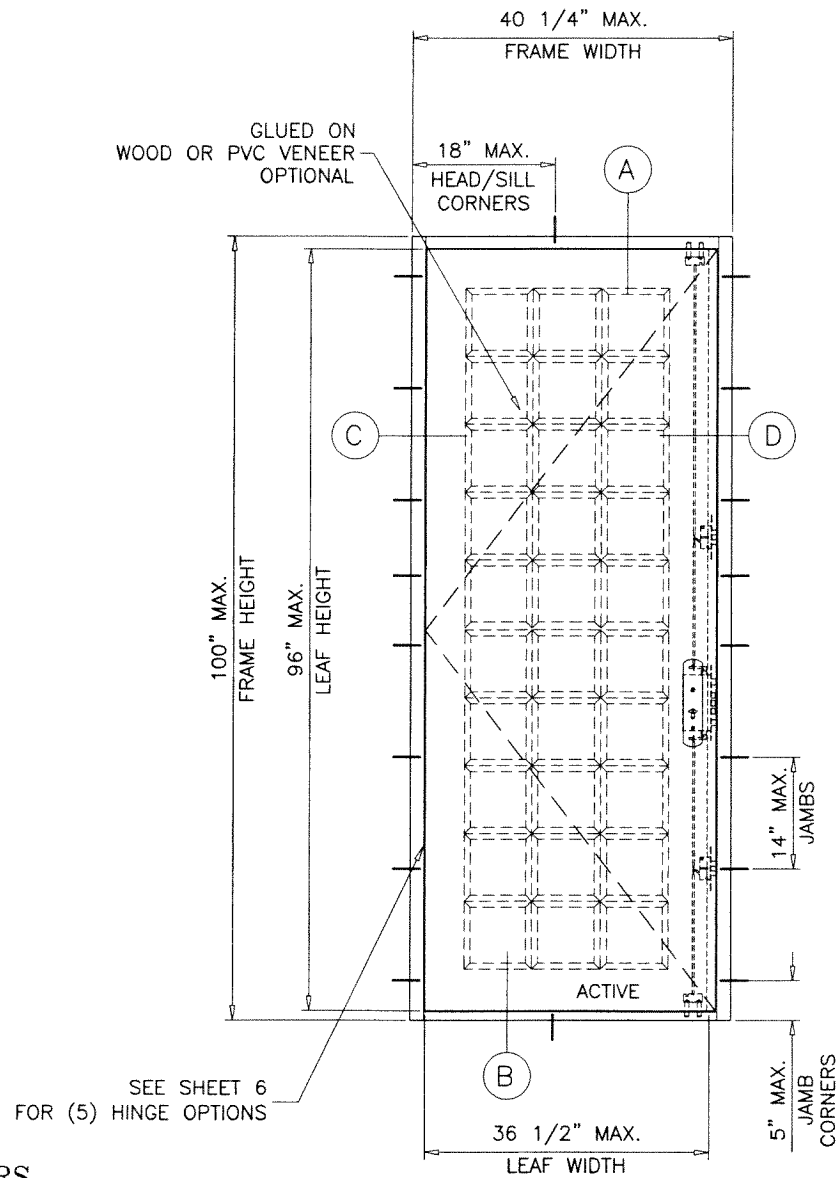
1. Statement letter of conformance to **FBC 8th Edition (2023)**, and of no financial interest, prepared by Al Farooq Corporation, dated 04/03/2024, signed & sealed by Jalal Farooq, P.E
2. QAI test laboratory letter dated JAN 17, 2024 of pending test of HS Outswing Doors, signed by MS. Luisnda Delgado, Technical report Writer.
3. Statement letter dated 04/10/24, issued by HS Doors requesting renewal with “no Change” signed by Edison Carstrejon, Manager.
4. Distribution agreement dated 11/13/21 between Infinity Energy Enterprises, LLC, now HS Doors, LLC (USA distributor) and the Zhejiang Yangkang Doors, China (manufacturer), signed by Fabio Sergio Mattig (AMMR) and Xu Xian Bo (CEO) on behalf of the respective companies.
5. State of Florida, Division of Corporation listing dated DEC 03, 2021 of Infinity Energy Enterprises, LLC name change as HS Doors, LLC, signed by Laurel M. Lee, Secretary of State of Florida.

G. OTHER

1. This NOA conditionally **renews NOA #23-0119.04**, expiring 01/27/2025, subjected to completion of re-test.
2. RER test proposal #22-0032.

Ishaq I. Chanda

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Product Control Unit Supervisor
NOA No. 24-0228.01
Expiration Date: January 27, 2025
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**SERIES HI-TECH OUTSWING ENTRANCE DOORS
WITH DECORATIVE WOOD VENEER
OR WITH DECORATIVE STEEL SURFACE**

DOORS ARE APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 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 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)'.

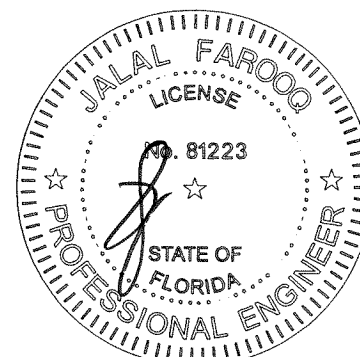
MAXIMUM DESIGN LOAD RATING = + 70.0 PSF
(FOR SIZES SHOWN OR SMALLER - 80.0 PSF AS LIMITED BY CODE)
DOORS WITH WOOD VENEER

EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL

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

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 24-0228.01
Expiration Date 01/27/2025
By *Ishaq I. Chank*
Miami-Dade Product Control

APR 09 2024



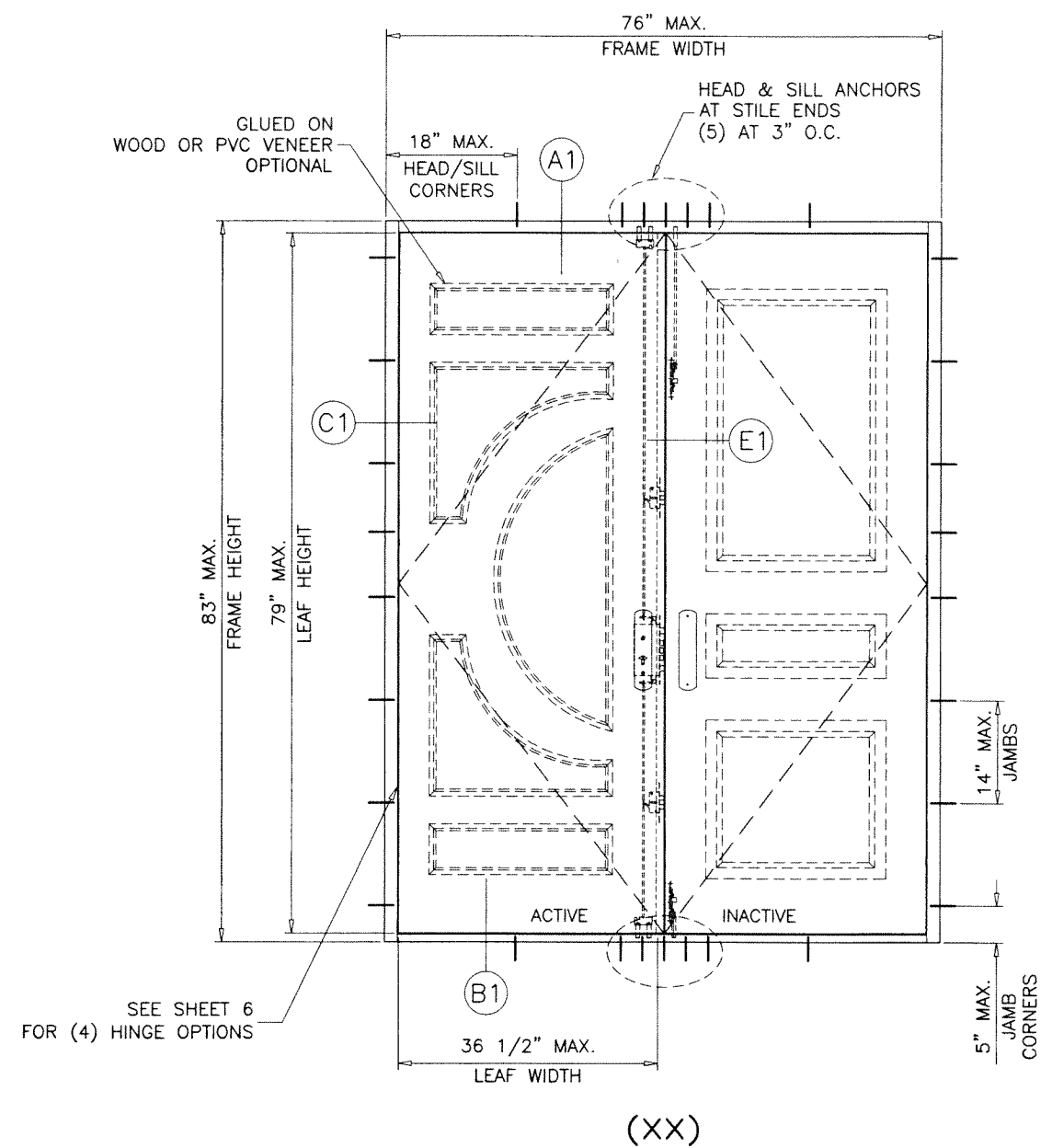
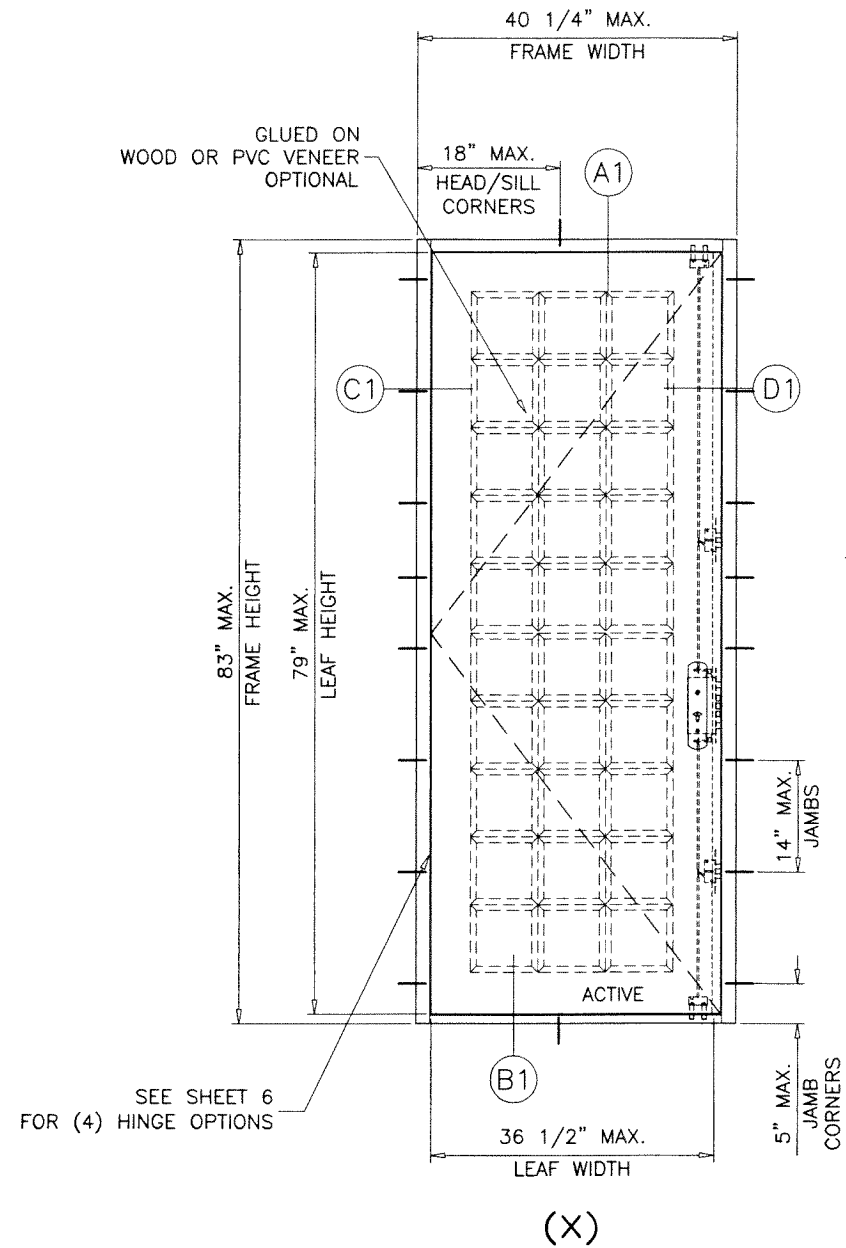
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W08-73NUD

SERIES HI-TECH OUTSWING ENTRANCE DOOR (L.M.I.)
HS Doors LLC.
6905 N.W. 52nd Street
Miami, FL. 33166
Tel. (786) 766-5817 Tel. (305) 244-9130

no	date	by	description
E	10.30.17		UPDATED TO 2017 FBC
F	11.05.20		UPDATED TO 2020 FBC
G	12.06.21		MANUF. NAME REV.
H	04.04.24		UPDATED TO 2023 FBC

date: 08-11-08
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
W08-73
sheet 1 of 7

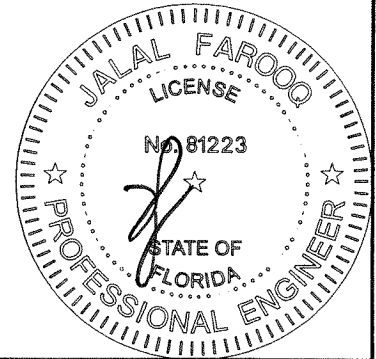


MAXIMUM DESIGN LOAD RATING = + 70.0 PSF
 (FOR SIZES SHOWN OR SMALLER - 80.0 PSF
 AS LIMITED BY CODE)
 DOORS WITH DECORATIVE STEEL SURFACE

EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 NOA-No. 24-0228.01
 Expiration Date 01/27/2025
 By Ishaq I. Chank
 Miami-Dade Product Control

APR 09 2024



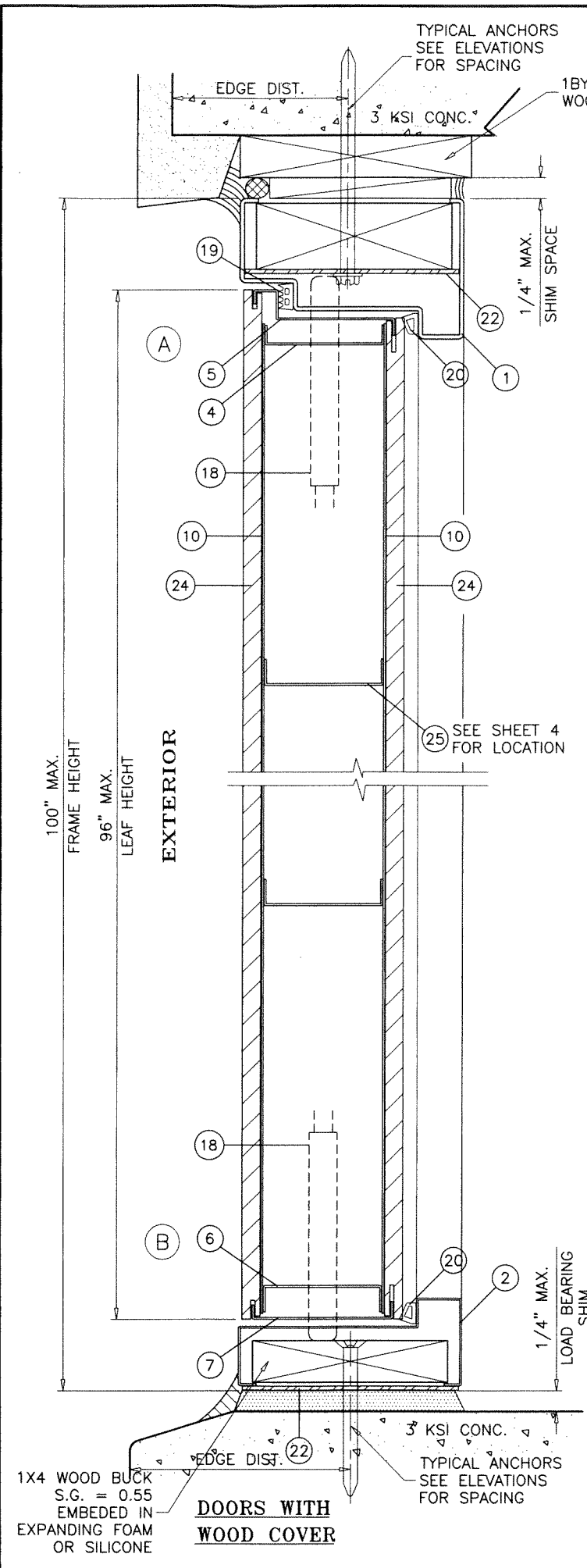
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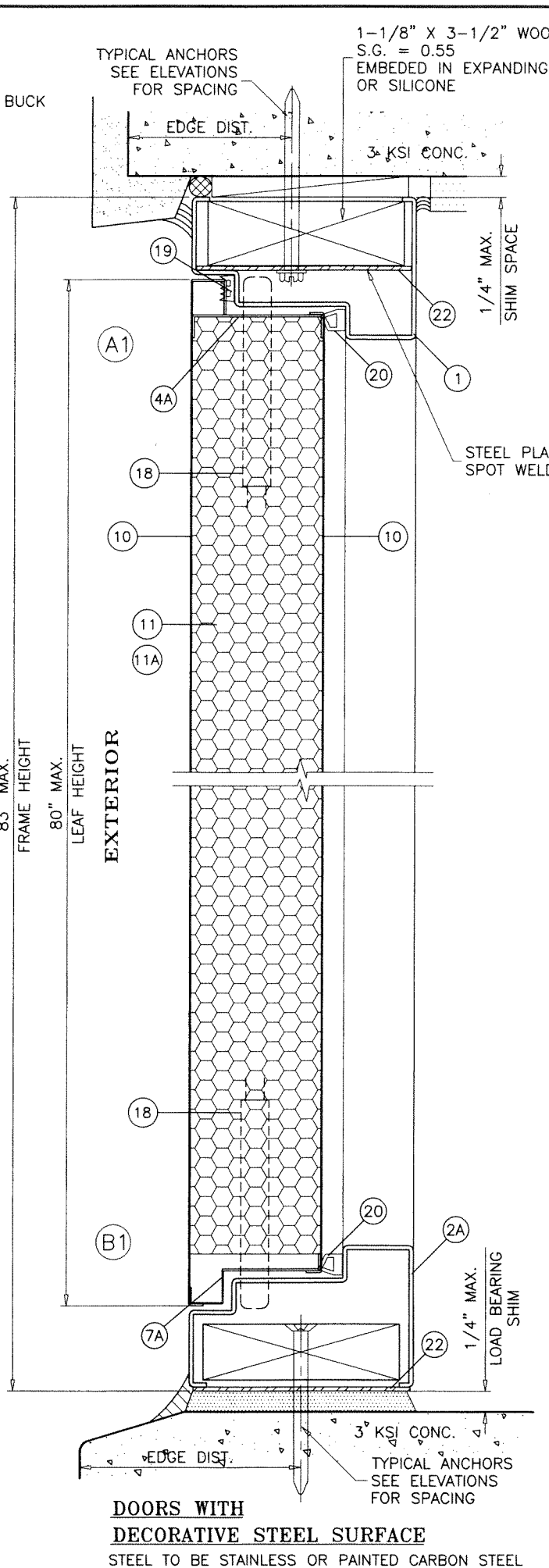
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F	11.05.20		UPDATED TO 2020 FBC
G	12.06.21		MANUF. NAME REV.
H	04.04.24		NO CHANGE THIS SHEET

date: 08-11-08
 scale: 1/2" = 1'-0"
 dr. by: TARIQ
 chk. by:

drawing no.
W08-73
 sheet 2 of 7

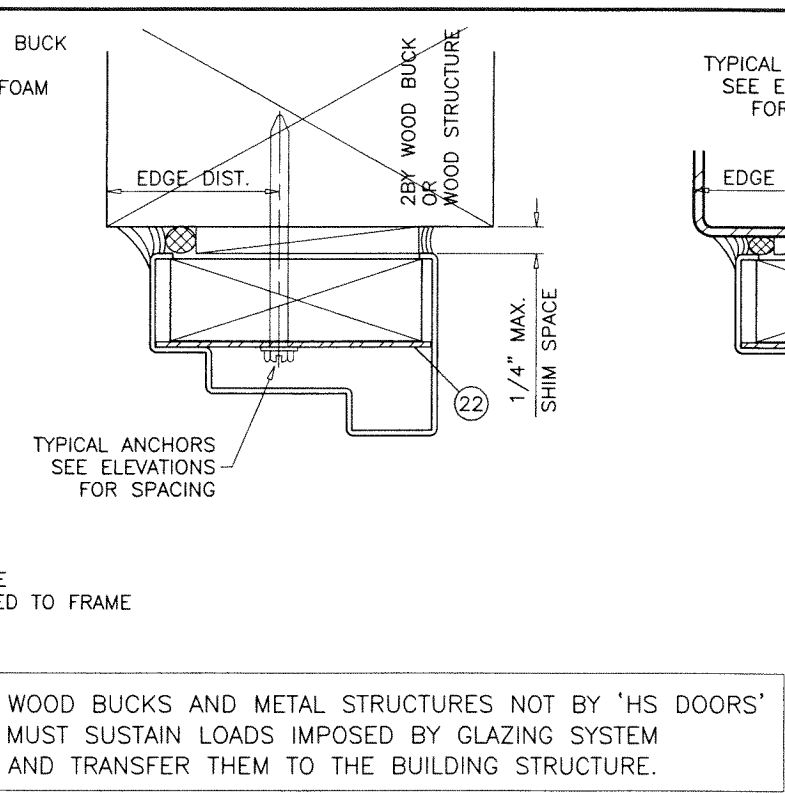


DOORS WITH WOOD COVER



DOORS WITH DECORATIVE STEEL SURFACE

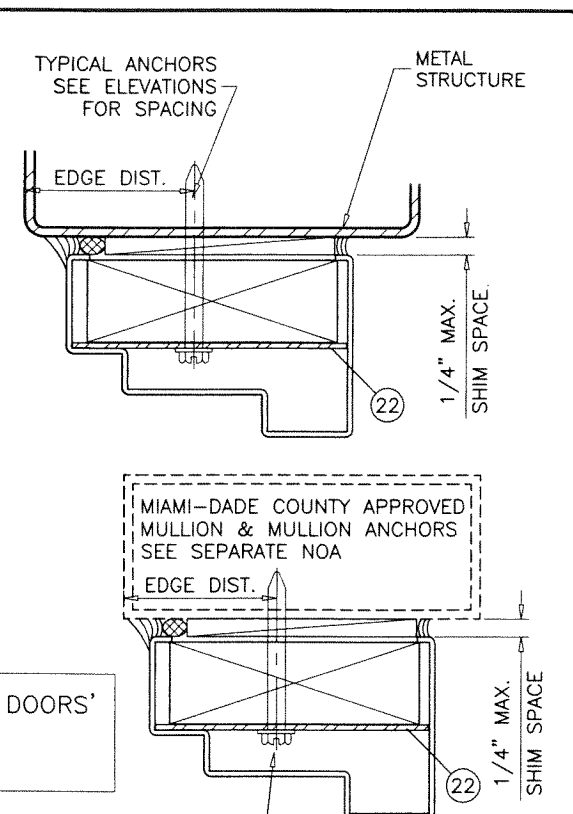
STEEL TO BE STAINLESS OR PAINTED CARBON STEEL



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

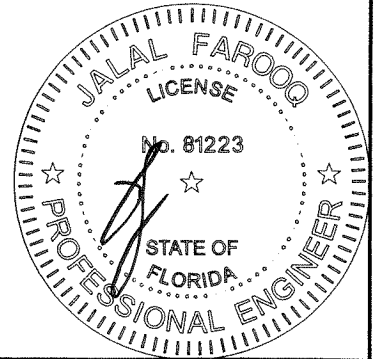
TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
 THRU 1BY BUCKS INTO CONC. OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
 DIRECTLY INTO CONCRETE OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR
 INTO METAL STRUCTURES (HEAD/JAMBS)
 (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
 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 AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.
 WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



PRODUCT RENEWED
 as complying with the Florida Building Code
NOA-No. 24-0228.01
Expiration Date 01/27/2025
 By *Ishaq I. Chande*
Miami-Dade Product Control

APR 09 2024



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
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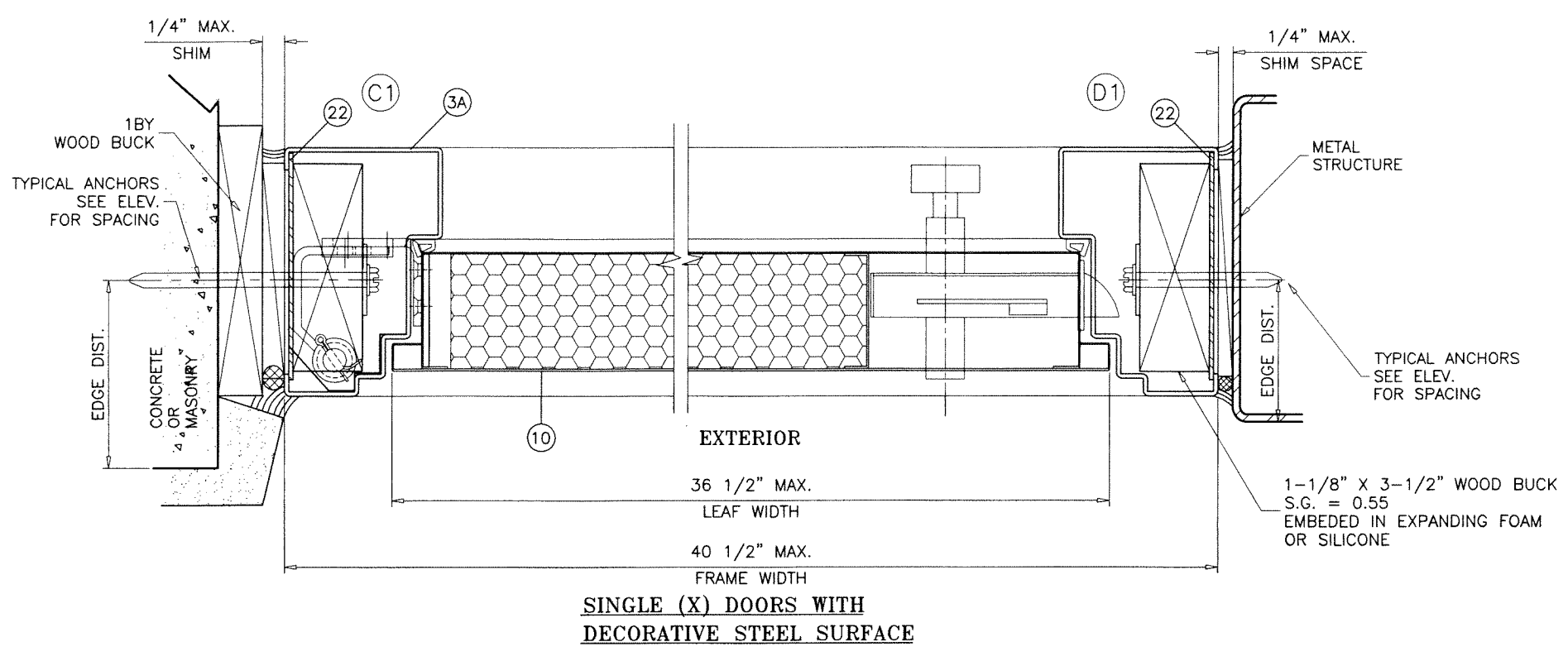
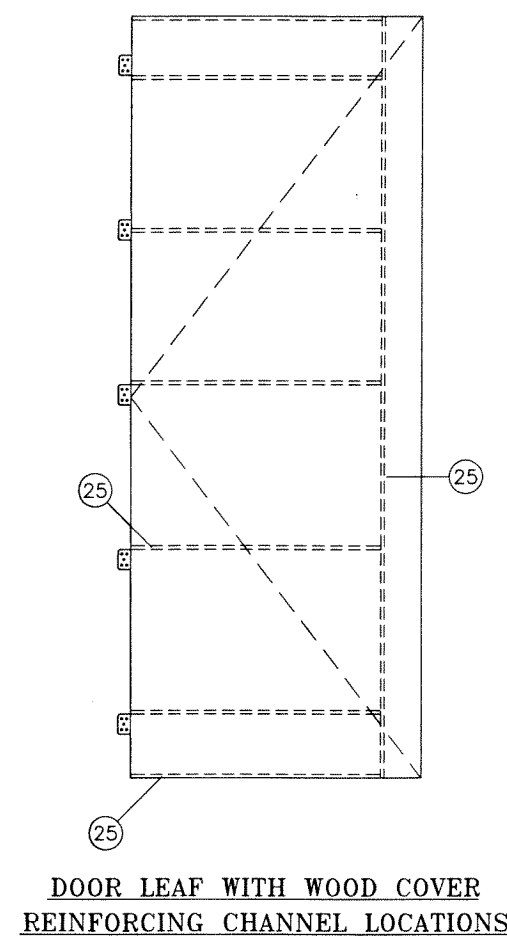
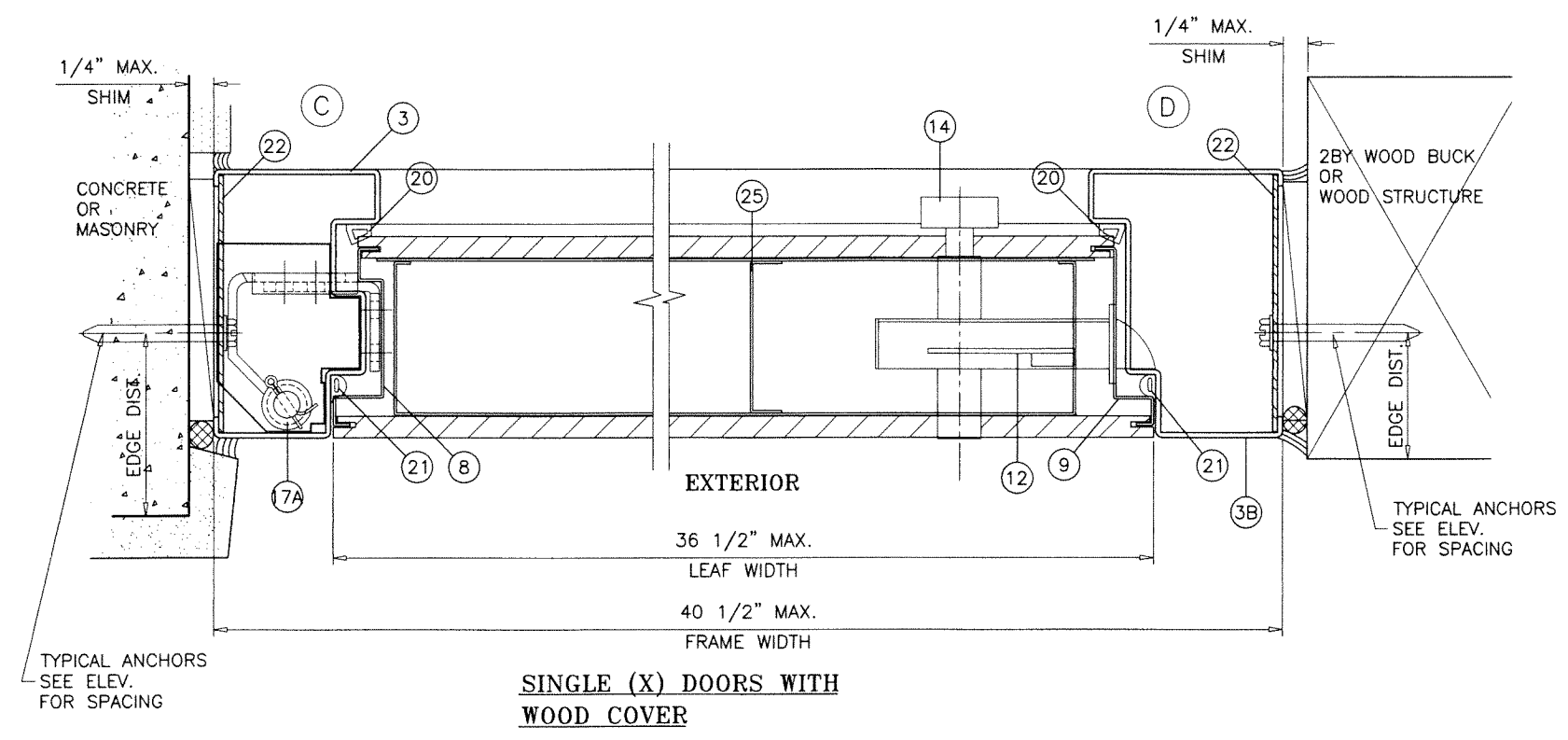
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 dr. by: TARIQ
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drawing no. **W08-73**
 sheet 3 of 7

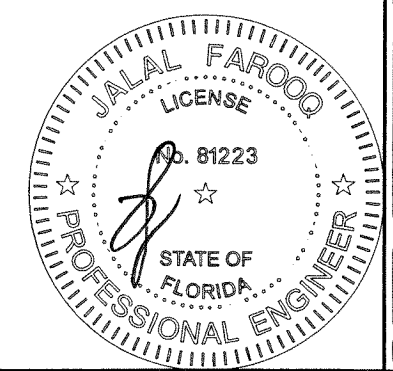
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date:	08-11-08
scale:	3/8" = 1"
dr. by:	TARIQ
chk. by:	



PRODUCT RENEWED
 as complying with the Florida Building Code
 NOA-No. 24-0228.01
 Expiration Date 01/27/2025
 By *Ishag I. Chande*
 Miami-Dade Product Control

APR 09 2024





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\W08-73NUD

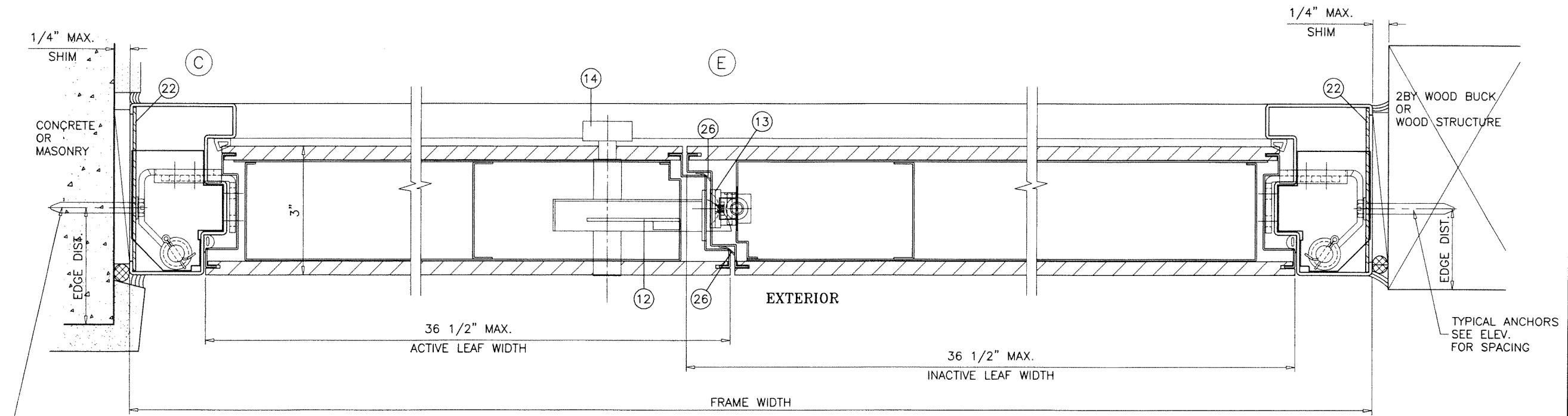
SERIES HI-TECH OUTSWING ENTRANCE DOOR (L.M.I.)

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 6905 N.W. 52nd Street
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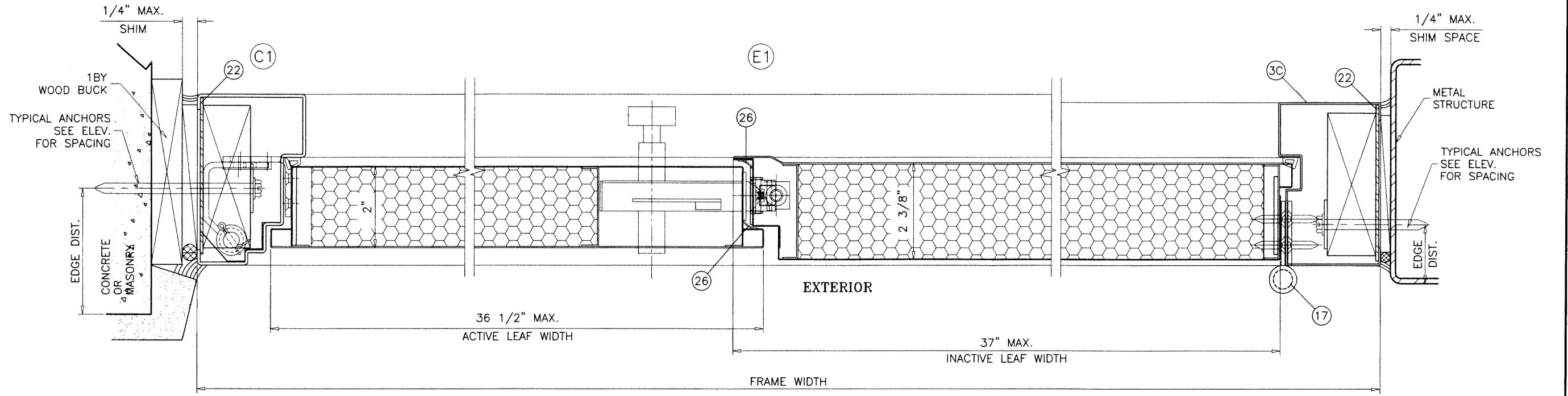
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H	04.04.24		NO CHANGE THIS SHEET

date:	08-11-08
scale:	3/8" = 1"
dr. by:	TARIQ
chk. by:	

drawing no.
W08-73
sheet 5 of 7



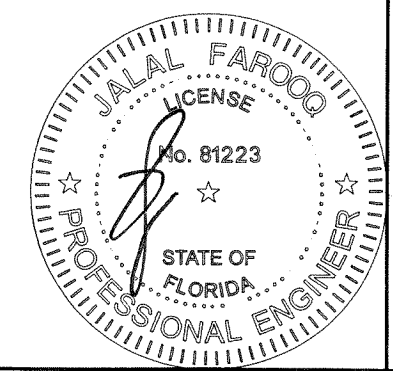
DOUBLE (XX) DOORS WITH WOOD COVER



DOUBLE (XX) DOORS WITH DECORATIVE STEEL SURFACE

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LOCKS:

OPTION #1

ACTIVE LEAF

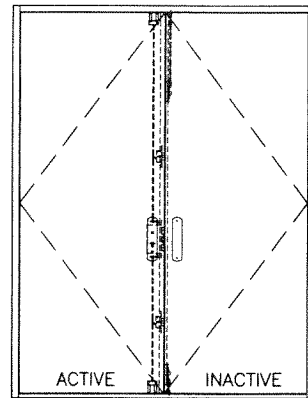
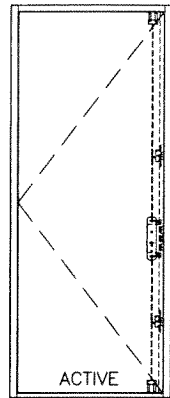
MULTI POINT LOCK SYSTEM WITH THUMB TURN OPERATOR ON INTERIOR KEY OPERATED ON EXTERIOR LOCATED AT 37-1/4" FROM BOTTOM, FASTENED TO LEAF WITH (8) #10-24 X 1/2" FH MS

METALLIC DEAD BOLT LOCK WITH THUMB OPERATOR ON INTERIOR AT 35-1/4" FROM BOTTOM FASTENED TO LEAF WITH (8) #10-24 X 1/2" FH MS

10-3/16" LONG ST. STEEL STRIKE PLATE FACING DEAD BOLT LOCK AT 39" FROM BOTTOM FASTENED WITH (6) 3/16" RIVETS

INACTIVE LEAF

CONCEALED FLUSH BOLTS AT 4" AND 77-1/2" FROM BOTTOM FASTENED WITH (2) 3/16" RIVETS.



OPTION #2

ACTIVE LEAF

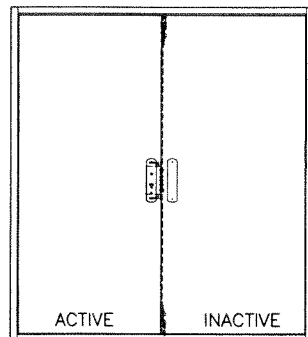
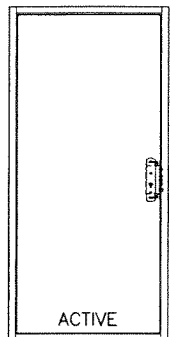
MULTI POINT LOCK SYSTEM WITH THUMB TURN OPERATOR ON INTERIOR KEY OPERATED ON EXTERIOR LOCATED AT 38-1/2" FROM BOTTOM, FASTENED TO LEAF WITH (4) #10-32 X 3/8" FH MS

METALLIC DEAD BOLT LOCK WITH THUMB OPERATOR ON INTERIOR AT 36" FROM BOTTOM FASTENED TO LEAF WITH (8) #10-24 X 1/2" FH MS

10-3/16" LONG ST. STEEL STRIKE PLATE FACING DEAD BOLT LOCK AT 39" FROM BOTTOM FASTENED WITH (6) 3/16" RIVETS

INACTIVE LEAF

CONCEALED FLUSH BOLTS AT 4" AND 77-1/2" FROM BOTTOM FASTENED WITH (2) 3/16" RIVETS.

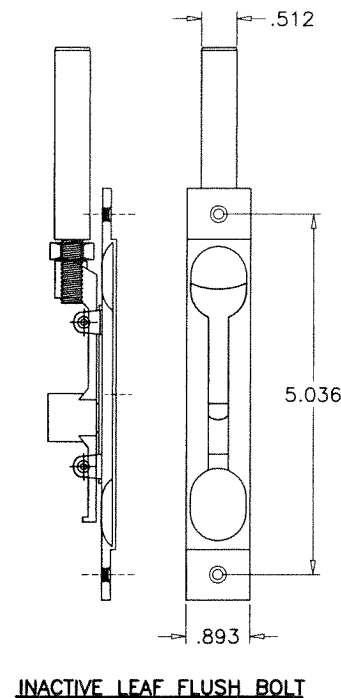
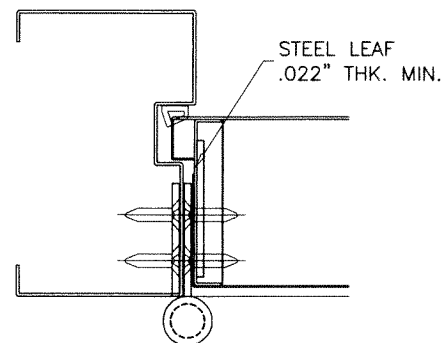
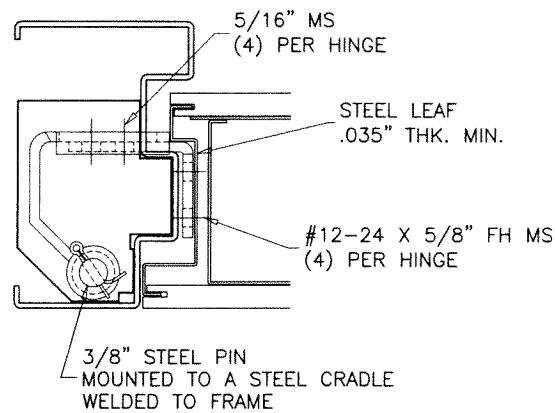
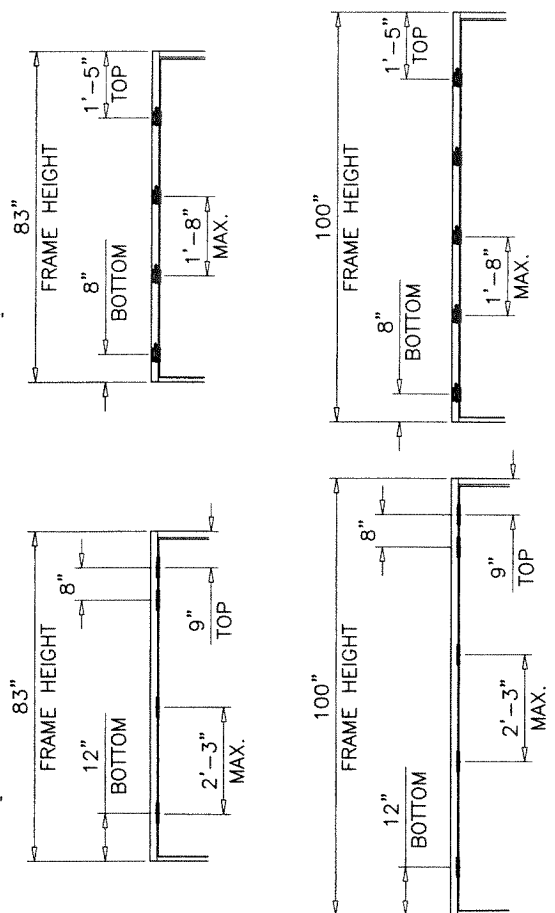


ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	NAS-102	1	FRAME HEAD	STEEL	ROLL FORMED, MIN. Fy = 36.0 KSI
2	NAS-102	1	FRAME SILL	STEEL	ROLL FORMED, MIN. Fy = 36.0 KSI
2A	NAS-202	1	ALT. FRAME SILL	STEEL	ROLL FORMED, MIN. Fy = 36.0 KSI
3	NAS-103	1	FRAME JAMB	STEEL	ROLL FORMED, MIN. Fy = 36.0 KSI
3A	NAS-303	1	ALT. FRAME JAMB	STEEL	ROLL FORMED, MIN. Fy = 36.0 KSI
3B	-	1	ALT. FRAME JAMB	STEEL	ROLL FORMED, MIN. Fy = 36.0 KSI
3C	NAS-204	1	ALT. FRAME JAMB	STEEL	ROLL FORMED, MIN. Fy = 36.0 KSI
4	-	1	TOP RAIL CHANNEL (FULL LENGTH)	STEEL	-
4A	-	1	ALT. TOP RAIL CHANNEL (FULL LENGTH)	STEEL	-
5	-	1	TOP RAIL COVER (FULL LENGTH)	STEEL	-
6	-	1	BOTTOM RAIL CHANNEL (FULL LENGTH)	STEEL	-
7	-	1	BOTTOM RAIL COVER (FULL LENGTH)	STEEL	-
7A	-	1	ALT. BOTTOM RAIL COVER (FULL LENGTH)	STEEL	-
8	-	1	HINGE STILE COVER	STEEL	-
9	-	1	LOCK STILE COVER	STEEL	-
10	NAS-110	AS REQD.	LEAF EXTERIOR & INTERIOR SHEET	STEEL	MIN. THK = .028", MIN. Fy = 36.0 KSI
11	-	AS REQD.	HONEYCOMB PAPER INSULATION	-	-
12	NAS-212	1	MULTI POINT LOCK	-	-
13	NAS-113	1	LOCK STRIKE PLATE	-	-
14	NAS-114	AS REQD.	LOCK HANDLE	-	-
17	NAS-327	4/ LEAF	BUTT HINGES-.095" THK.	STEEL	-
17A	NAS-227	4/ LEAF	CONCEALED HINGES-.136" THK.	STEEL	-
18	NAS-118	2/ LEAF	FLUSH BOLTS	-	-
19	NAS-119	AS REQD.	FRAME EXTERIOR W'STRIPPING	EPDM	WEATHERSEAL #636
20	NAS-120	AS REQD.	FRAME INTERIOR W'STRIPPING	EPDM	WEATHERSEAL
21	NAS-121	AS REQD.	JAMB EXTERIOR W'STRIPPING	EPDM	WEATHERSEAL #025
22	NAS-125	AS REQD.	HEAD/SILL/JAMB SHEAR PLATE	A36 STEEL	.072" X 3-7/8" X FULL LENGTH, Fy = 36.0 KSI
23	NAS-126	AS REQD.	JAMB SHEAR STRAP	STEEL	-
24	NAS-136	AS REQD.	DECORATIVE MOULDING	-	WOOD S.G. = 0.45 MIN.
25	-	AS REQD.	REINFORCING CHANNELS	STEEL	-
26	-	AS REQD.	LEAF W'STRIPPING	VINYL	-

HINGES:

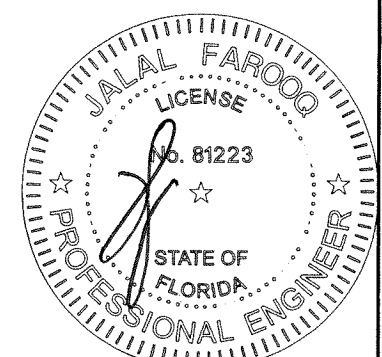
OPTION #1:

.136" THK. X 2-3/4" LONG METALLIC TWO PIECE CONCEALED HINGES, 4 PER LEAF FOR FRAME HT. UPTO 83" 5 PER LEAF FOR FRAME HT. ABOVE 83" & UPTO 100"



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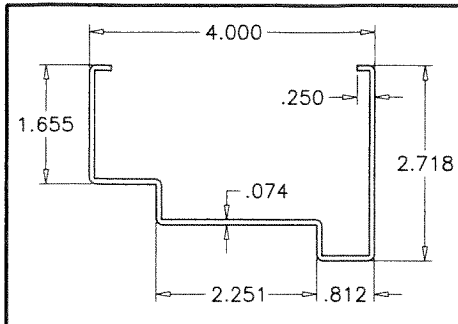
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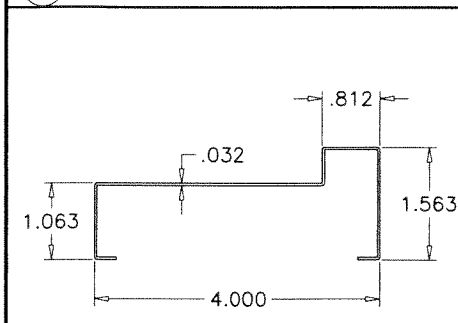
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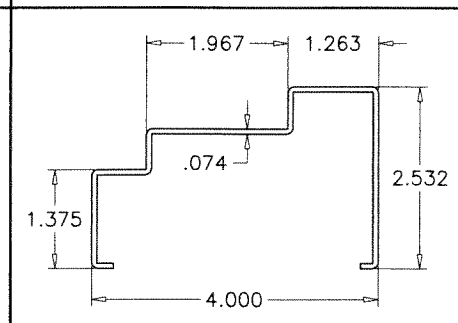
drawing no. **W08-73**
sheet 6 of 7



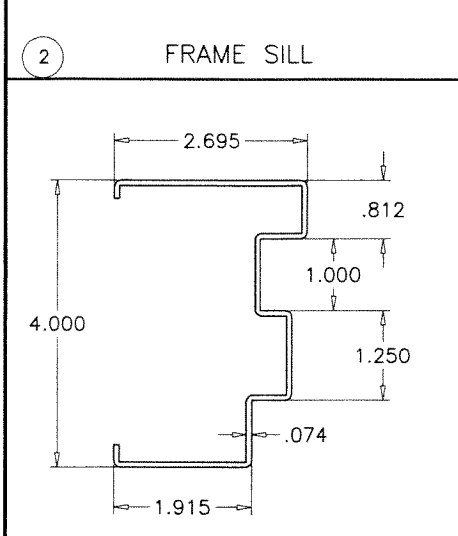
1 FRAME HEAD



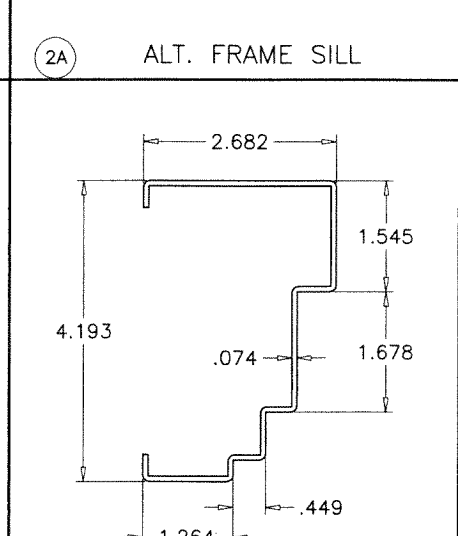
2 FRAME SILL



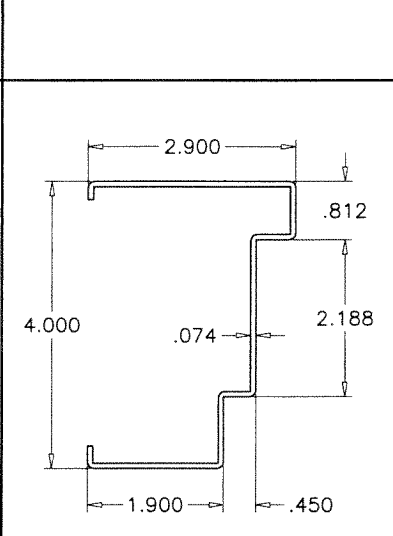
2A ALT. FRAME SILL



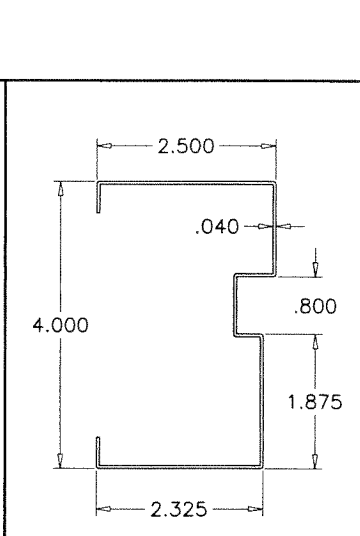
3 FRAME JAMB



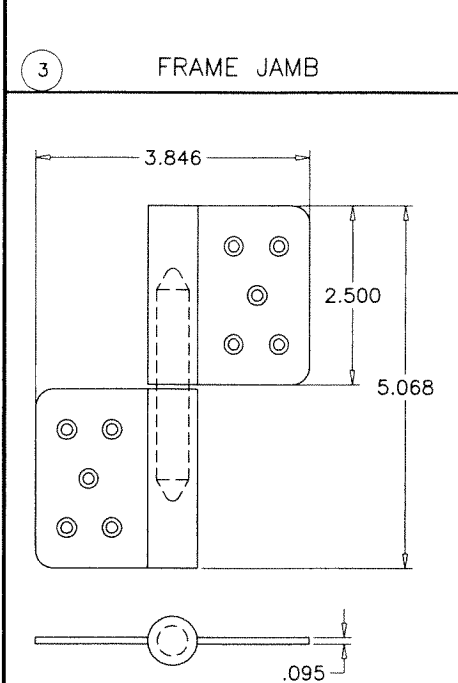
3A ALT. FRAME JAMB



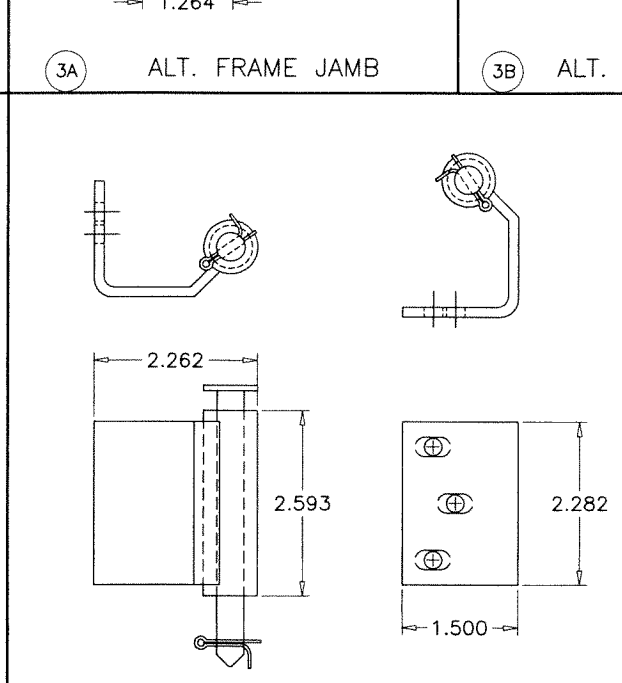
3B ALT. FRAME JAMB



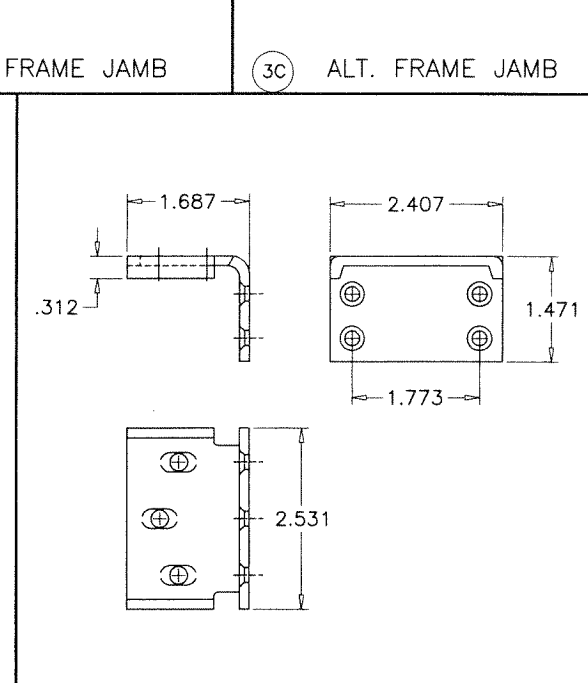
3C ALT. FRAME JAMB



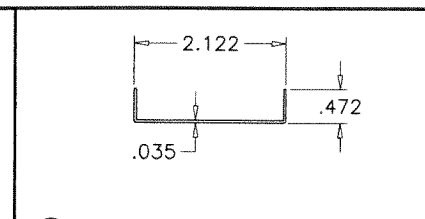
17 2 PIECE BUTT HINGE



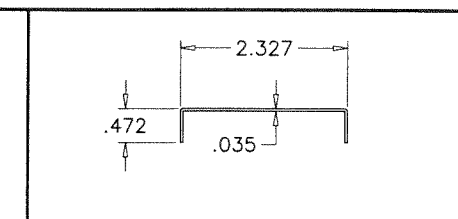
17A FRAME CONCEALED HINGE SUPPORT BRACKET



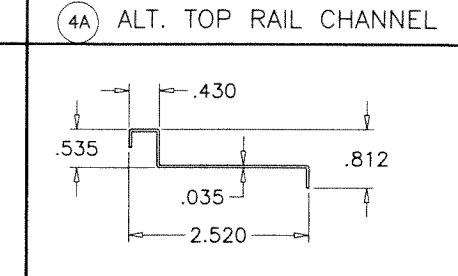
17A PANEL STEEL HINGE LEAF



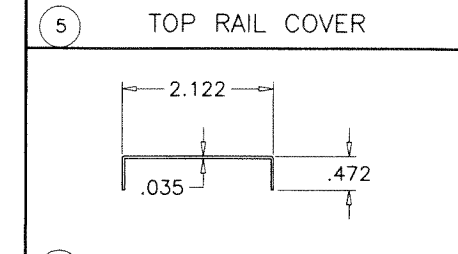
4 TOP RAIL CHANNEL



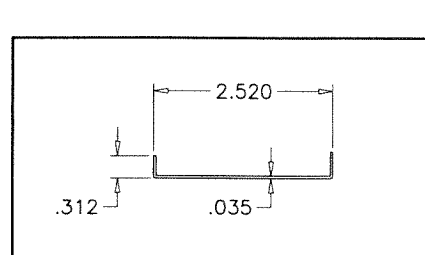
4A ALT. TOP RAIL CHANNEL



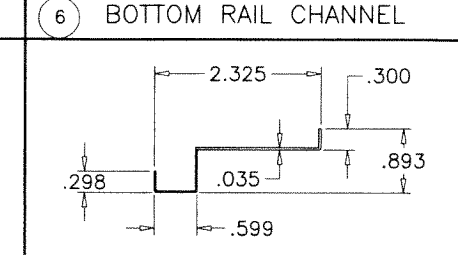
5 TOP RAIL COVER



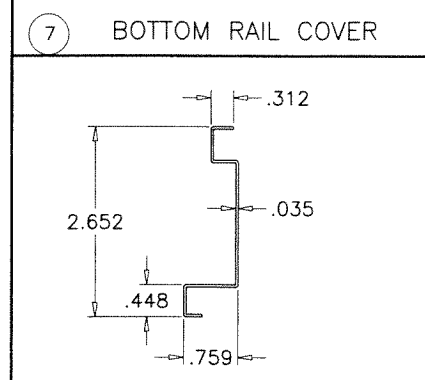
6 BOTTOM RAIL CHANNEL



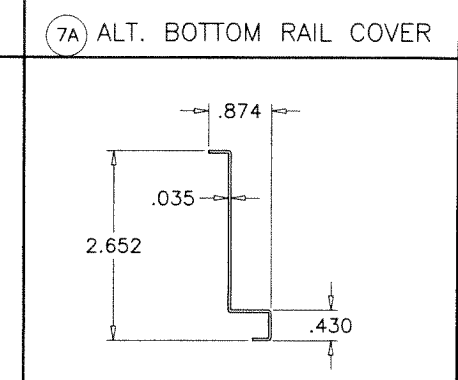
7 BOTTOM RAIL COVER



7A ALT. BOTTOM RAIL COVER



8 HINGE STILE COVER



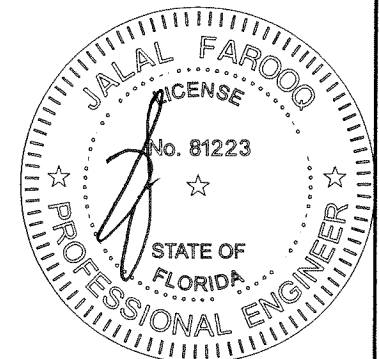
9 LOCK STILE COVER

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