



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

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SECRETARY

FL #	FL30919-R2								
Application Type	Revision								
Code Version	2023								
Application Status	Approved								
Comments									
Archived	☐								
Product Manufacturer	SOUTH FLORIDA ROLLING DOOR, INC.								
Address/Phone/Email	3590 NW 34 St MIAMI, FL 33142 (305) 556-6633 aboveall2003@bellsouth.net								
Authorized Signature	Yiping Wang mcyengineering@outlook.com								
Technical Representative									
Address/Phone/Email									
Quality Assurance Representative									
Address/Phone/Email									
Category	Exterior Doors								
Subcategory	Roll-Up Exterior Door Assemblies								
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer ☐ Evaluation Report - Hardcopy Received								
Florida Engineer or Architect Name who developed the Evaluation Report	Yiping Wang								
Florida License	PE-55983								
Quality Assurance Entity	National Accreditation and Management Institute								
Quality Assurance Contract Expiration Date	12/31/2026								
Validated By	Xiaojun Gu ☒ Validation Checklist - Hardcopy Received								
Certificate of Independence	FL30919 R2 COI Certificate of Independence FBC 2023-SS.pdf								
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th><u>Standard</u></th><th><u>Year</u></th></tr> </thead> <tbody> <tr> <td>TAS 201</td><td>1994</td></tr> <tr> <td>TAS 202</td><td>1994</td></tr> <tr> <td>TAS 203</td><td>1994</td></tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	TAS 201	1994	TAS 202	1994	TAS 203	1994
<u>Standard</u>	<u>Year</u>								
TAS 201	1994								
TAS 202	1994								
TAS 203	1994								
Equivalence of Product Standards									
Certified By									
Sections from the Code									
Product Approval Method	Method 1 Option D								

Date Submitted	11/13/2023
Date Validated	12/18/2023
Date Pending FBC Approval	
Date Approved	12/19/2023

Summary of Products

FL #	Model, Number or Name	Description
30919.1	22 GARAGE ROLLING STEEL DOOR- L.M.I	22 GARAGE ROLLING STEEL DOOR- L.M.I
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +60/-60 Other:		Installation Instructions FL30919_R2_II_22 GAGE ROLLING STEEL DOOR - L.M.I. AD18-10 FL30919 REV 11.09.2023-SS.pdf Verified By: Yiping Wang 55983 Created by Independent Third Party: Yes Evaluation Reports FL30919_R2_AE_Evaluation Report FBC 2023-SS.pdf Created by Independent Third Party: Yes

[Back](#) [Next](#)

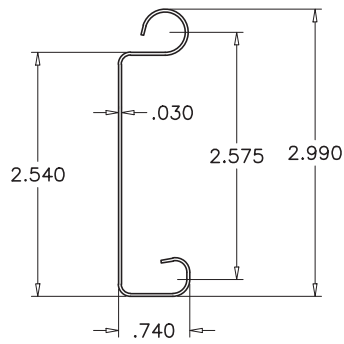
Contact Us :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

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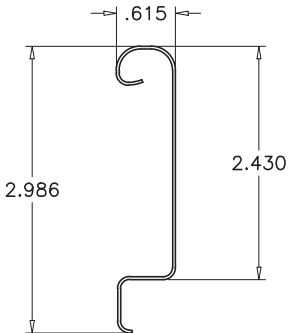
Product Approval Accepts:



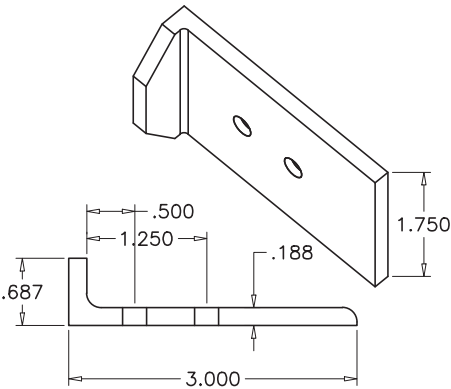


SLAT

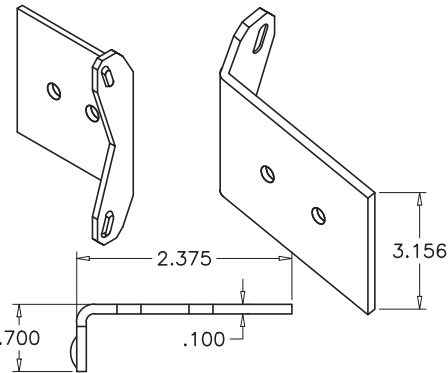
22 GA. COLD FORMED STEEL (ASTM A653)
MIN. YIELD STRENGTH OF 52000 PSI
GALVANIZED ACCORDING TO ASTM A-525
WITH A COATING DESIGNATION OF G-90
EXTERIOR AND INTERIOR



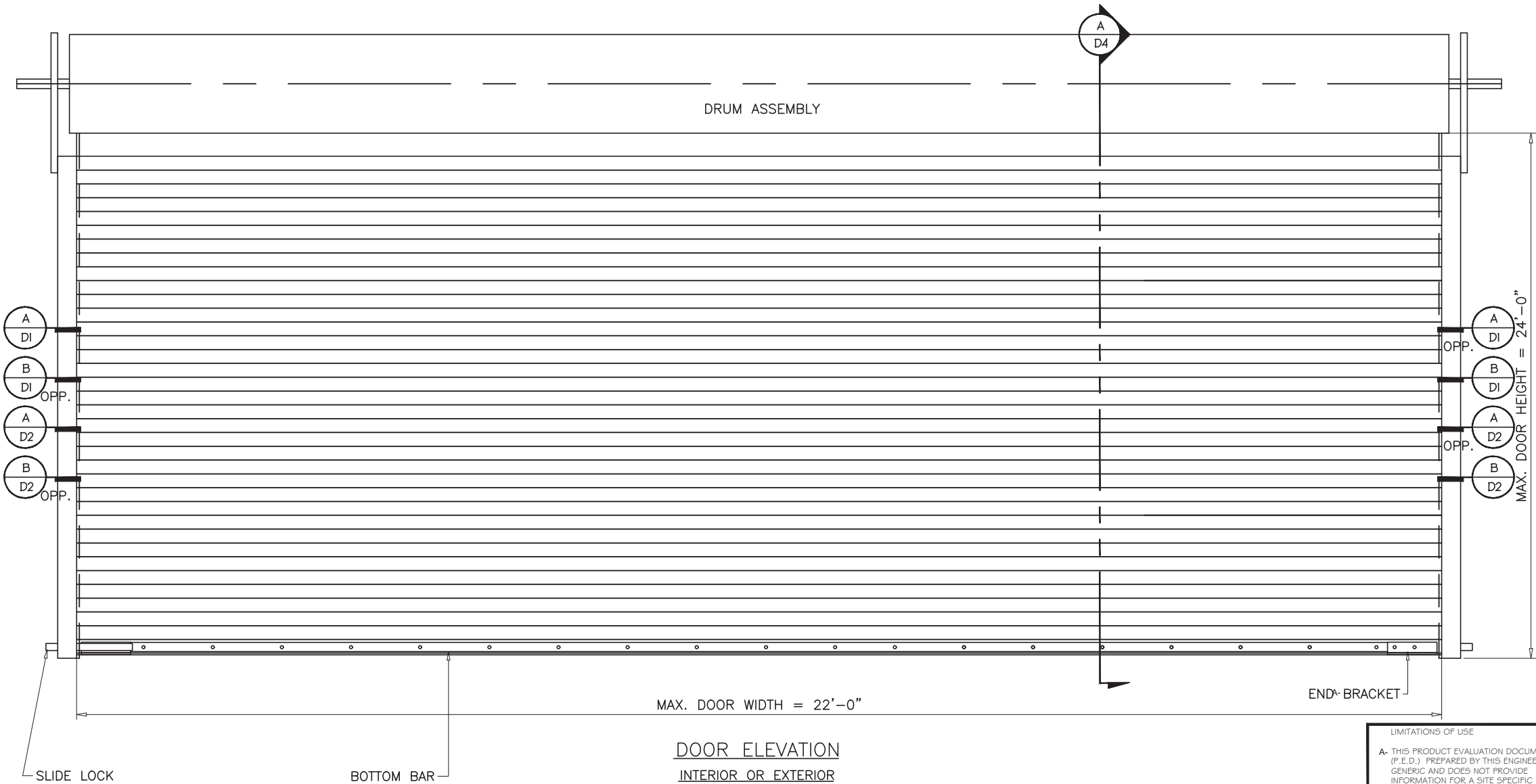
INSULATED SLAT COVER
24 GA. COLD FORMED STEEL



WIND LOCK 'A'
HOT ROLLED STEEL ANGLE



WIND LOCK 'B'
14 GA. COLD FORMED GALV. STEEL



DOOR ELEVATION
INTERIOR OR EXTERIOR

GENERAL NOTES

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 7TH EDITION FLORIDA BUILDING CODE (2020)/8TH EDITION FLORIDA BUILDING CODE (2023) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. GUIDE AND WALL ANGLES SHALL CONFORM TO ASTM A-36.
4. ALL BOLTS, NUTS AND WASHERS SHALL BE ZINC PLATED CARBON STEEL.
5. ANCHORING OR LOADING CONDITIONS OTHER THAN THOSE SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
6. SLIDE BOLT (1/4" THICK LATCH) IS INSTALLED AT EACH END BOTTOM, AND SHALL BE ENGAGED DURING HURRICANE WINDS.
7. ALL WELDING TO CONFORM TO AWS LATEST REGULATIONS AND F.B.C. USE E70XX ELECTRODES AND 3/16" FILLET SIZE.
8. MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE LABELING TO COMPLY WITH SECTION 1709.9.2.

MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
(FOR SIZES SHOWN OR SMALLER) - 60.0 PSF

THIS PRODUCT IS RATED FOR LARGE MISSILE IMPACT

LIMITATIONS OF USE

A- THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.

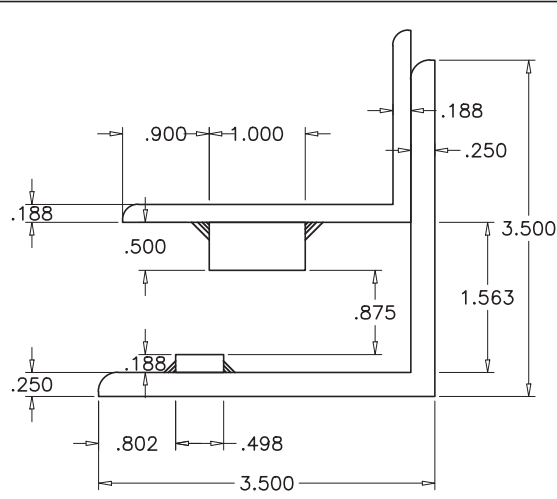
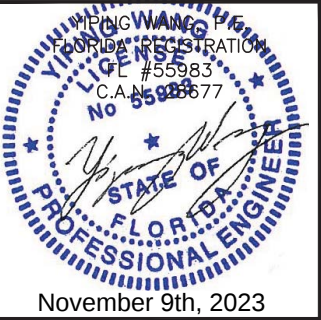
B- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.

C- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

D- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D.

E- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

FLORIDA APPROVAL:
FL #30919.1



STEEL TRACK

				UPDATE TO 2023 FBC	Description
			James	Drawn By	
			11.09.2023	Date	
			R2	Rev. No.	
Drawn Date	11.09.2023	Scale	AS SHOWN		
DRAWING NO.	AD18-10				
Sheet No.	E1				
	01 OF 04				

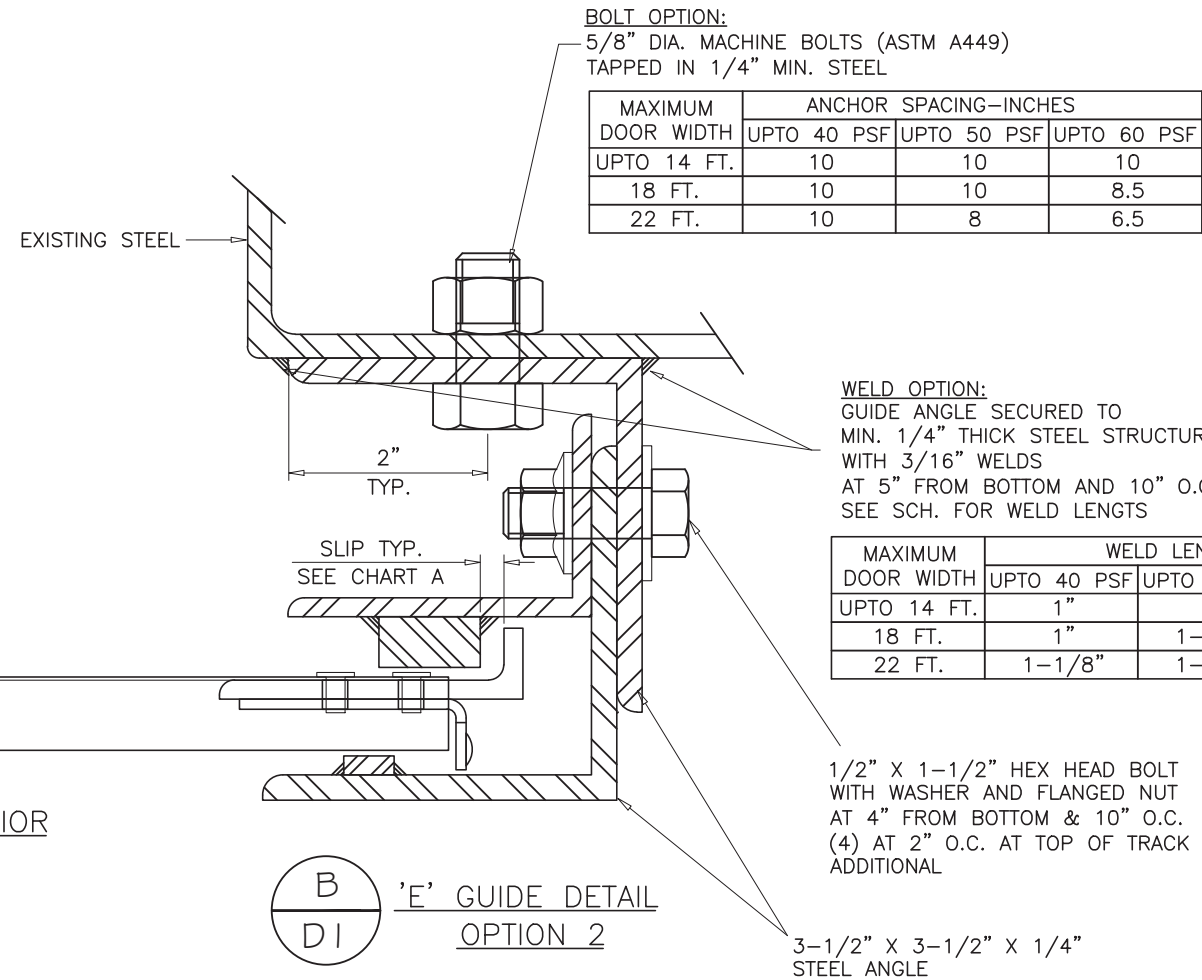
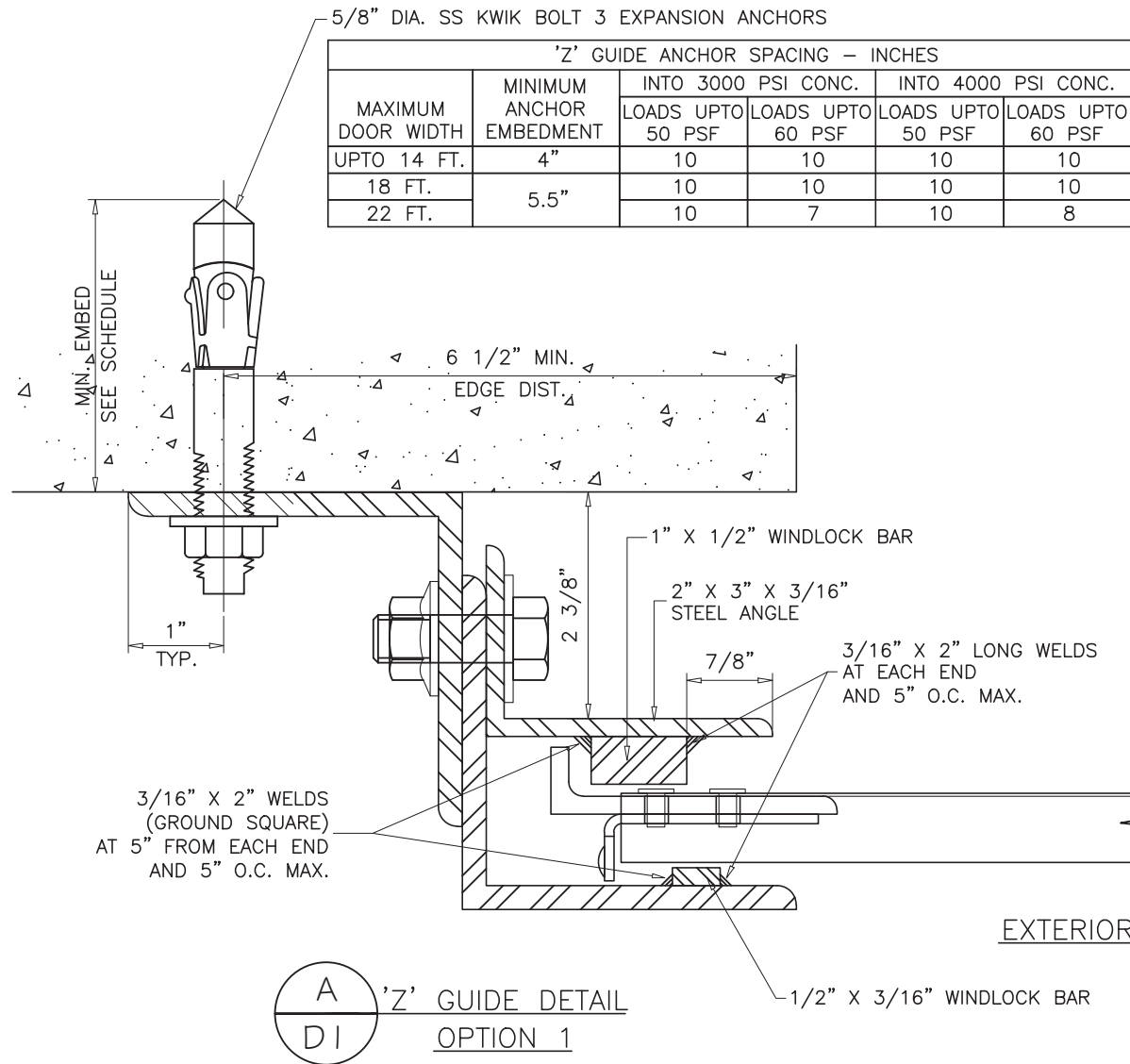
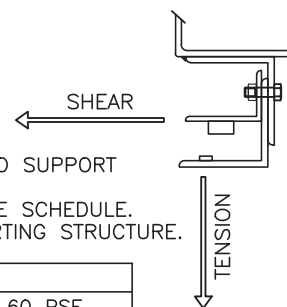


CHART 'A'

MAXIMUM DOOR WIDTH	SLIP INCHES
UPTO 14 FT.	1/2
18 FT.	5/8
22 FT.	3/4

SUPPORTING STRUCTURE MUST BE DESIGNED TO SUPPORT SHEAR & TENSION FORCES AT EACH JAMB. FOR DESIGN VALUES OF SHEAR & TENSION SEE SCHEDULE. ARCH./ENGR. TO VERIFY ADEQUACY OF SUPPORTING STRUCTURE.

MAXIMUM DOOR WIDTH	FORCES ON GUIDE/FT.					
	40 PSF		50 PSF		60 PSF	
	TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR
UPTO 14 FT.	293	1018	367	1363	440	1702
18 FT.	373	1565	467	1995	560	2418
22 FT.	453	2024	567	2538	680	3043



GUIDE DETAILS CAN BE USED IN ANY COMBINATIONS.

FLORIDA APPROVAL:
FL #30919.1

YING WANG
FLORIDA REGISTRATION
#55983
C.A.#55983
No 85983

STATE OF FLORIDA
PROFESSIONAL ENGINEER

November 9th, 2023

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PARKWAY #301
MIRAMAR, FL 33027 P: 305.271.0117
www.MCYEngineering.com MCY@mcyengineering.com

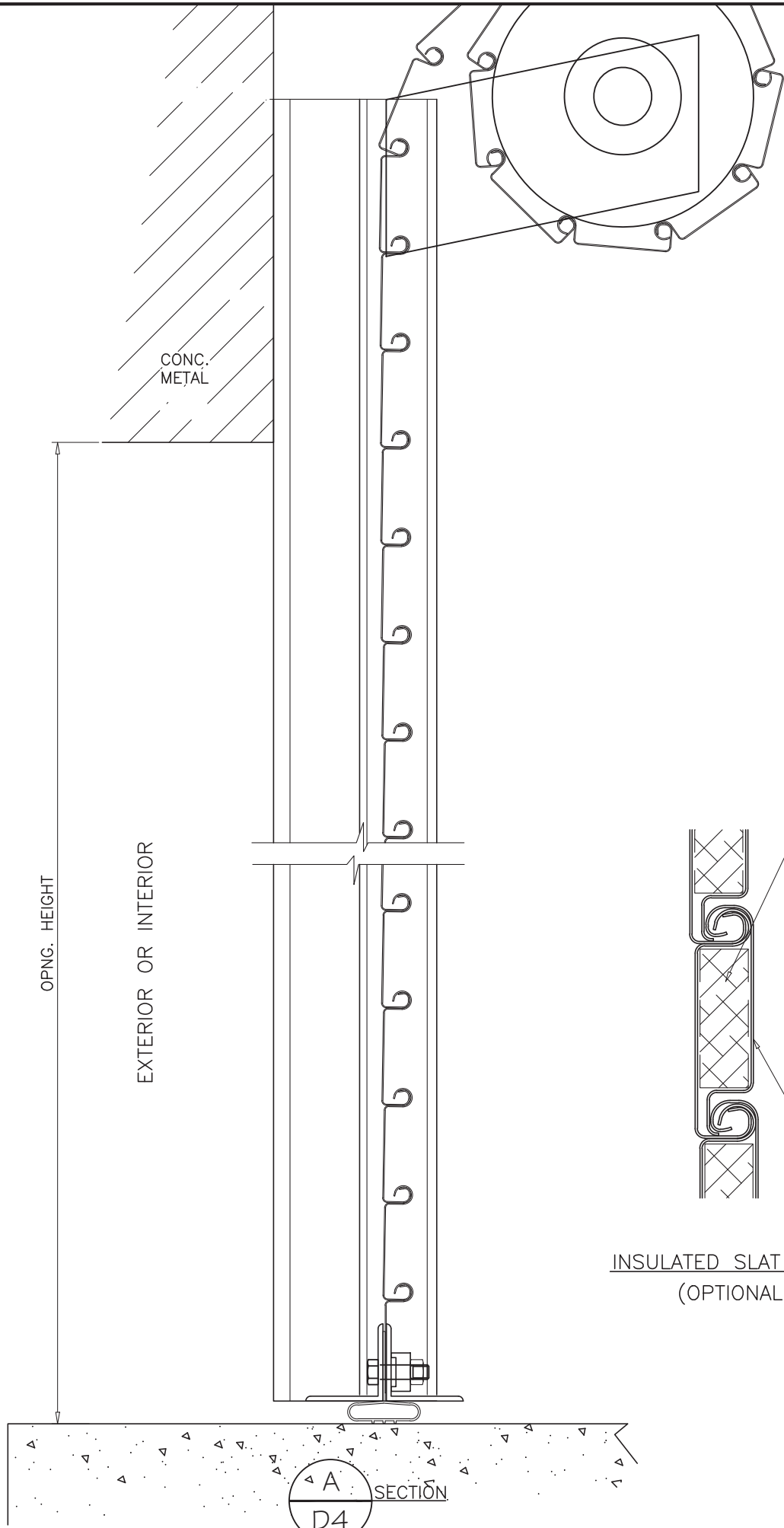
22 GARAGE ROLLING STEEL DOOR - L.M.I.
SOUTH FLORIDA ROLLING DOORS
3590 NW 34TH STREET, MIAMI, FL 33142
TEL: (305)-556-6633

Rev. No.	Date	Drawn By	Description
R2	11.09.2023	James	UPDATE TO 2023 FBC

Drawn Date: 11.09.2023 Scale: AS SHOWN

DRAWING NO. AD18-10

Sheet No. 02 OF 04

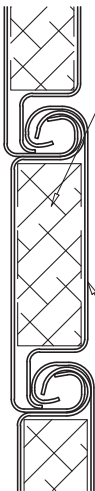


CONC.
METAL

EXTERIOR OR INTERIOR

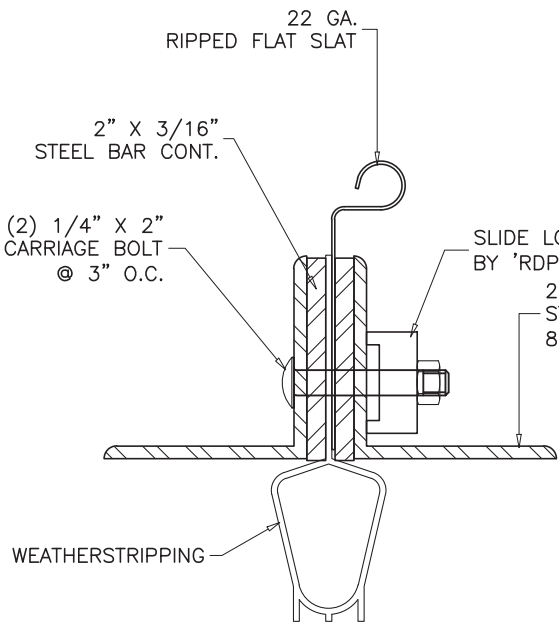
OPNG. HEIGHT

OPTIONAL INSULATIONS:
BY 'DYPLAST PRODUCTS LLC'
EPS-EXPANDED POLYSTYRENE
DENSITY = 1.05 PCF
N.O.A. #11-0926.07
OR
ISO-25 POLY-ISOCYANURATE
DENSITY = 2.0 PCF
N.O.A. #11-0926.06
OR
BY 'CELLOFOAM NORTH AMERICA'
DENSITY = 1.03 PCF
N.O.A. #10-1129.04
OR
BY 'INSULFOAM LLC'
DENSITY = 0.92 PCF
N.O.A. #12-0628.10

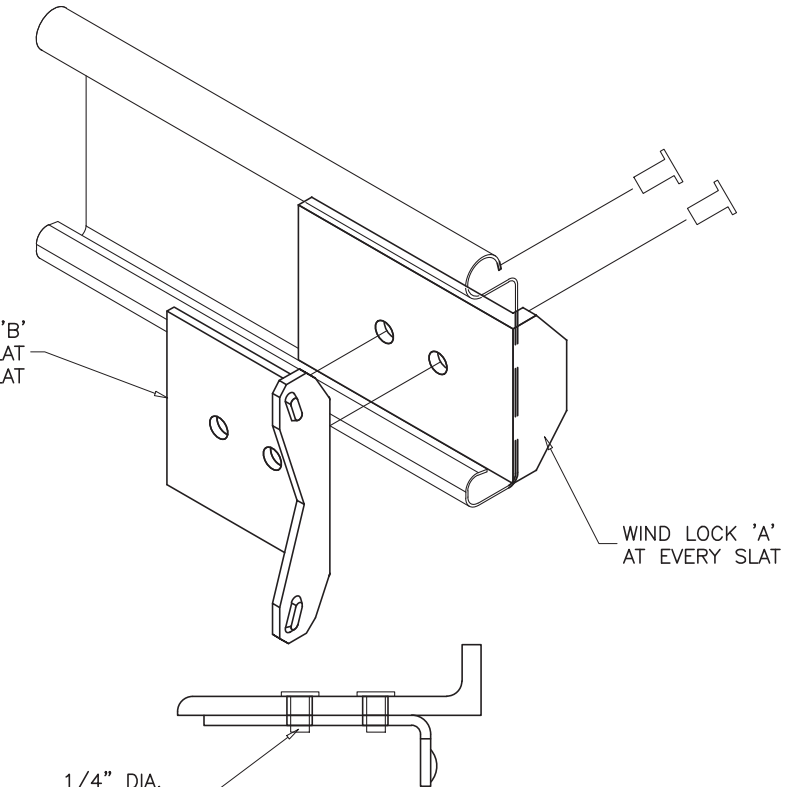


SLAT COVER

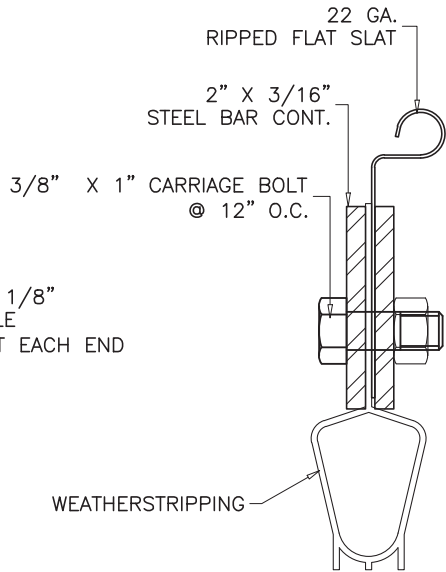
INSULATED SLAT DETAIL
(OPTIONAL)



END BRACKET DETAIL



WIND LOCK DETAIL



BOTTOM BAR DETAIL

A
D4
SECTION

FLORIDA APPROVAL:
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Rev. No.	Date	Drawn By	Description
R2	11.09.2023	James	UPDATE TO 2023 FBC
DRAWING NO. AD18-10			
D4			
Sheet No. 04 OF 04			