

HINGED DOOR HURRICANE SCREEN

MAXIMUM ALLOWABLE
DESIGN PRESSURES:

+50.0 PSF
-50.0 PSF
MIN SEPERATION FROM GLAZING:
HVHZ 3.25"
non HVHZ 2.25"

GENERAL NOTES :

1. THE DOOR SCREEN SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN COMPLIANCE WITH THE CURRENT ED. FLORIDA BUILDING CODE AND TEST PROTOCOLS TAS 201, 202 & 203. THIS SYSTEM MAY BE USED WITHIN THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AS WELL AS THROUGHOUT THE STATE OF FLORIDA.

2. POSITIVE AND NEGATIVE DESIGN PRESSURES SHALL BE CALCULATED IN ACCORDANCE WITH THE GOVERNING CODE.
3. INSTALLATION OF ALL UNITS SHALL ALLOW FOR RESPECTIVE MINIMUM SEPARATION FROM GLAZING AS NOTED ON THIS PAGE. REF SECTION DETAILS FOR DESCRIPTION OF THIS DISTANCE.

4. MULTIPLE UNITS SHALL BE INSTALLED USING APPROVED ALUMINIUM STRUCTURAL FRAME OF ALLOY 6063-T5(MIN). FRAME SHALL MEET ALL APPLICABLE IMPACT & WINDLOAD CRITERIA, AND SHALL BE INSTALLED PER RESPECTIVE PRODUCT APPROVAL DOCUMENTATION.

5. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DEFFERENT FROM THE CONDITIONS DETAILED HEREIN, A PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS.

6. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS.

7. PERIMETER SQUARE TUBE MAY BE ANCHORED TO VERTICAL FACE("FACE MOUNT") OF HOST STRUCTURE.

8. SYSTEM MAY BE INSTALLED VERTICALLY OR HORIZONTALLY (AS SHOWN IN THIS PAGE).

SYSTEM NOTES :

1. FRAME & PANEL CONSTRUCTION: EXTRUDED ALUMINIUM FRAME CORNERS ARE MITERED, AND SCREWED.
2. FRAME DOES CONTAIN MULTI POINT LOCK HARDWARE.
3. MESH CONSTRUCTION: STAINLESS STEEL GRADE MESH IS MADE UP OF 304 "HIGH TENSILE" STAINLESS STEEL, WITH Ø 0.035" STRANDS ARRANGED 10 STRANDS BY 10 STRANDS PER SQUARE INCH THE MESH INFORMATION IS DESCRIBED IN SHEET 5.
4. THE MESH IS ATTACHED ONTO THE MAIN FRAME BY A REMOVABLE ALUMINIUM CLAMP WITH TAMPER RESISTANT SECURITY HEAD SCREW.

Manufacturer:



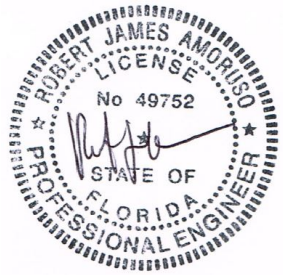
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Product:

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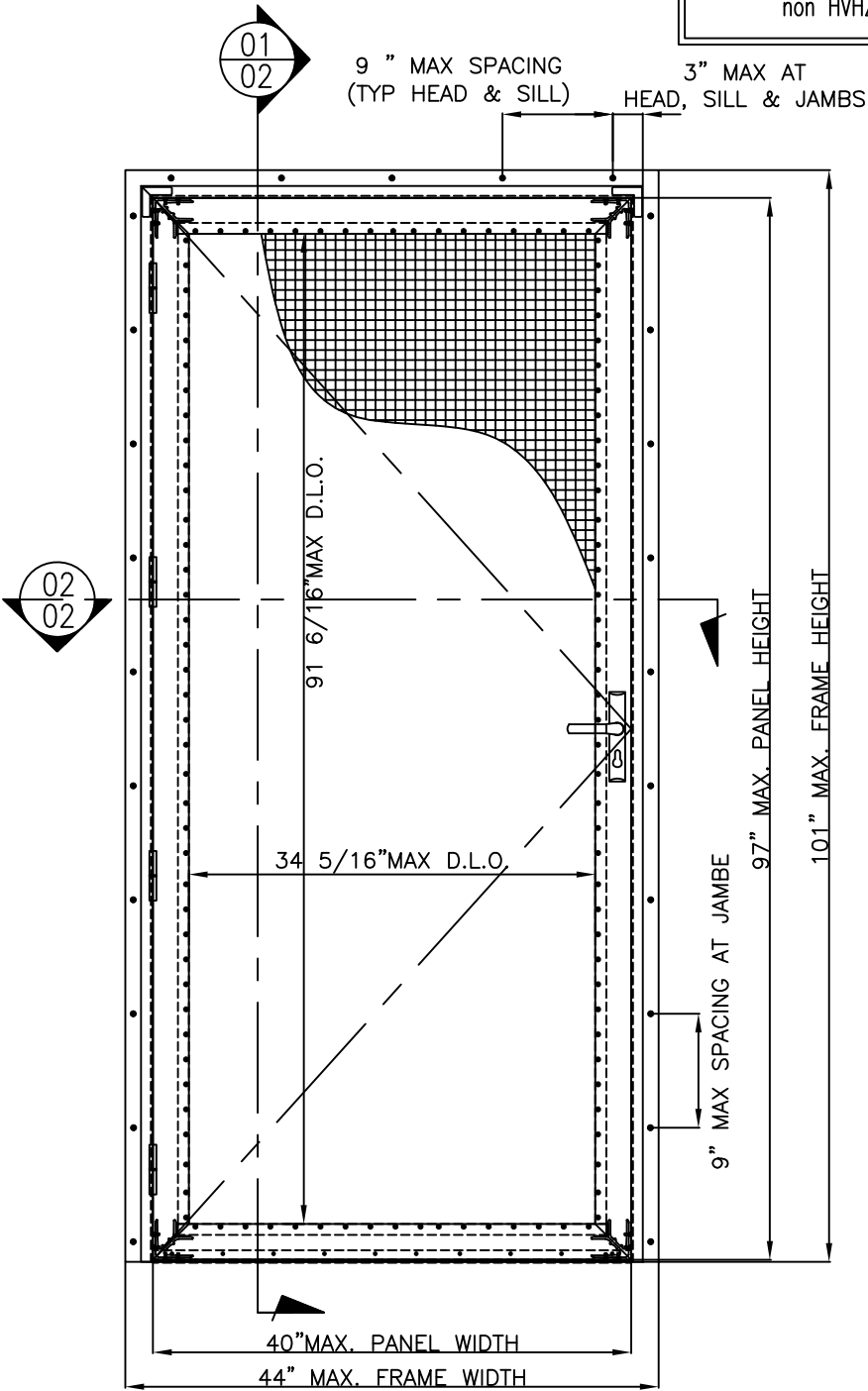
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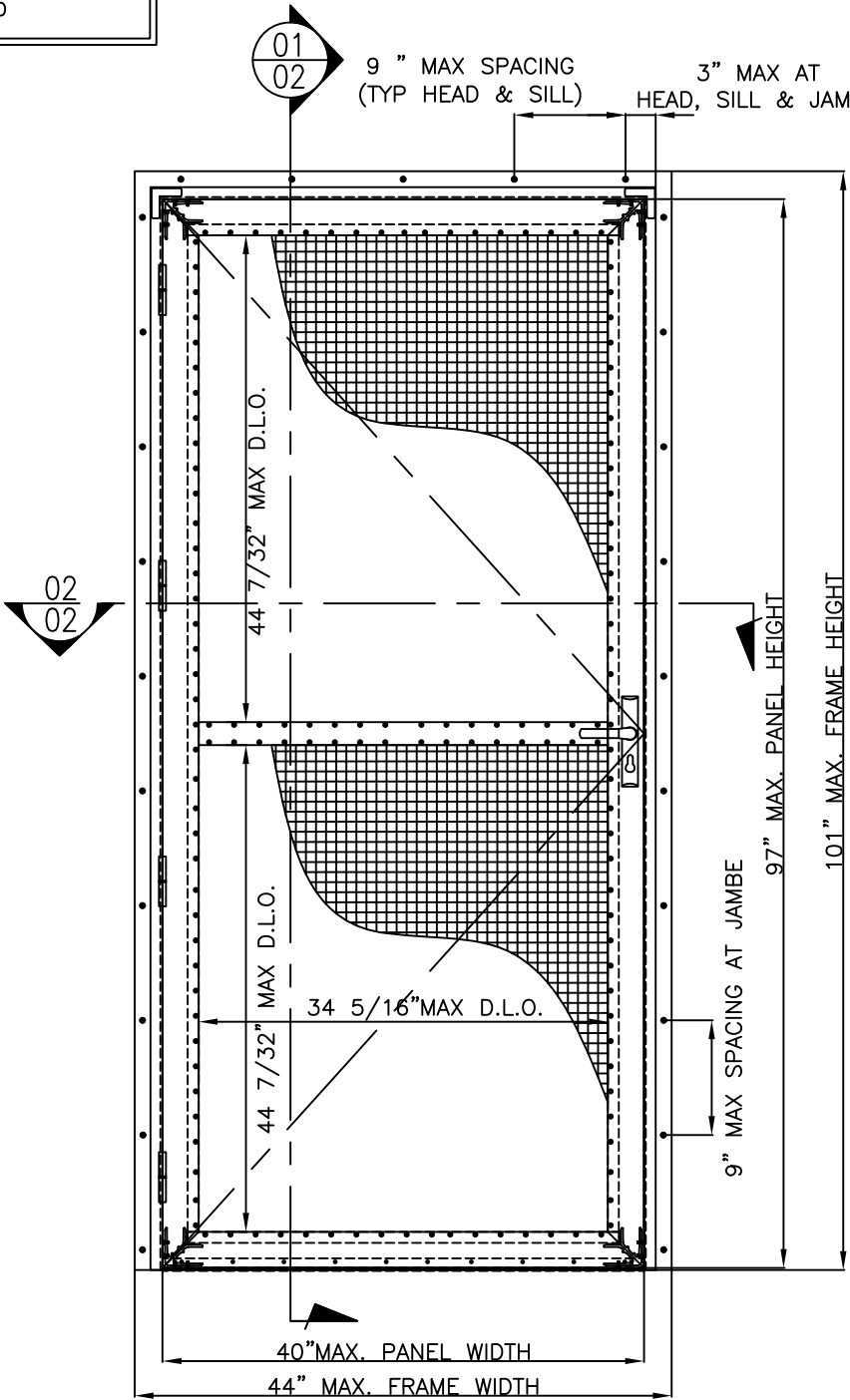
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Design by: CRIMSAFE

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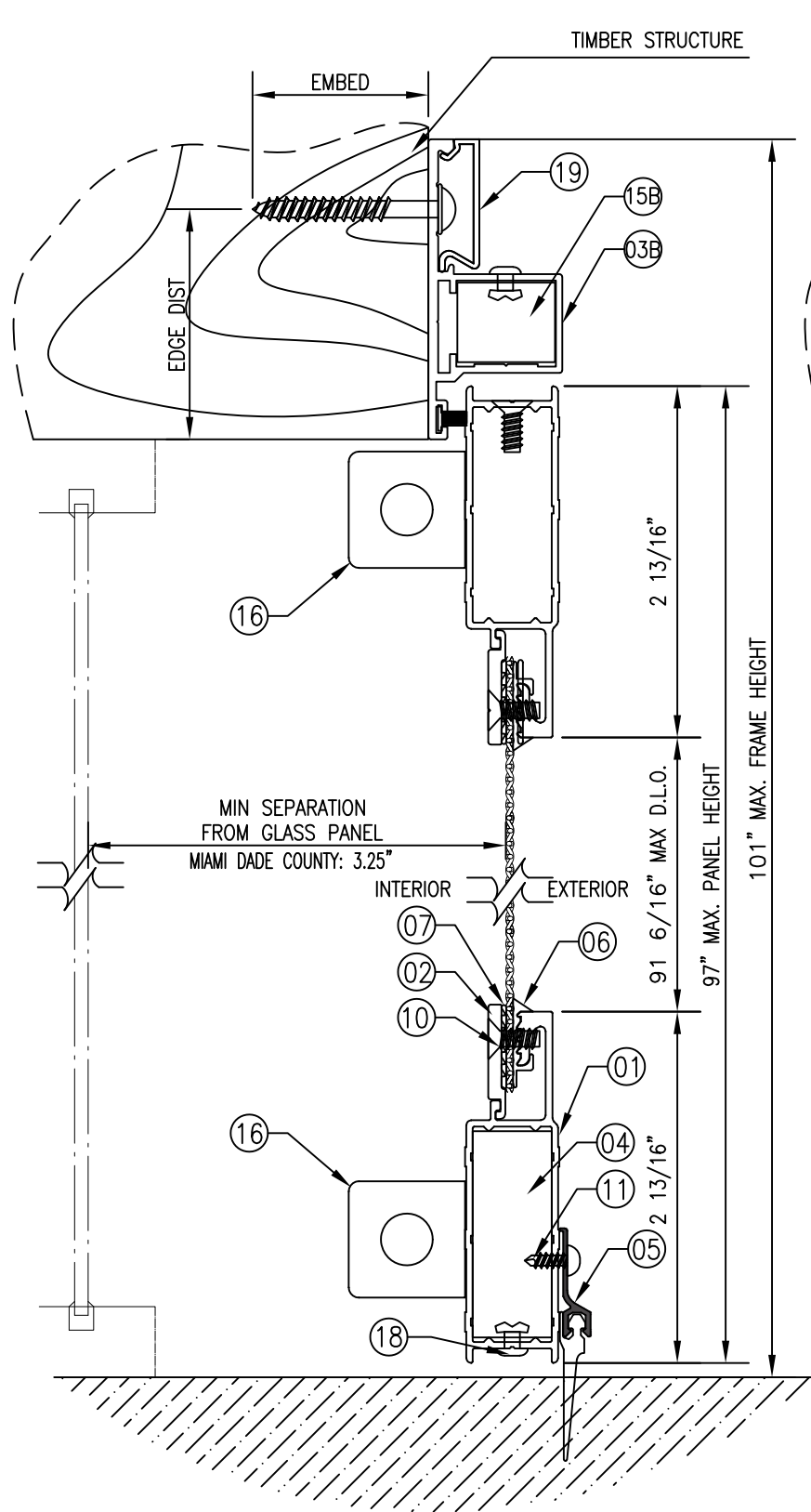


01
01 TYPICAL ELEVATION
SCALE EXTER ELEV

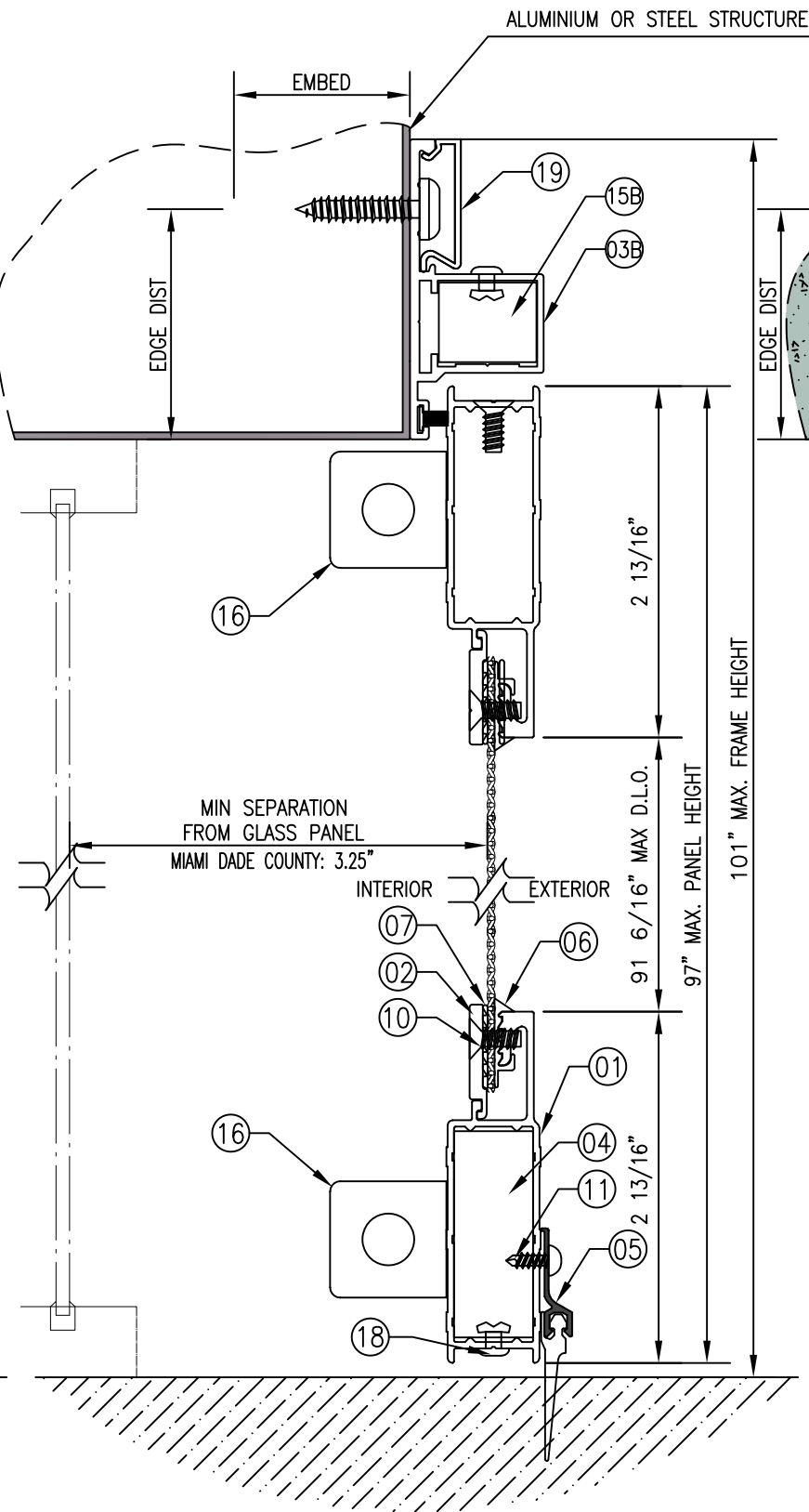


01
01 TYPICAL ELEVATION WITH MIDRAIL
SCALE EXTER ELEV

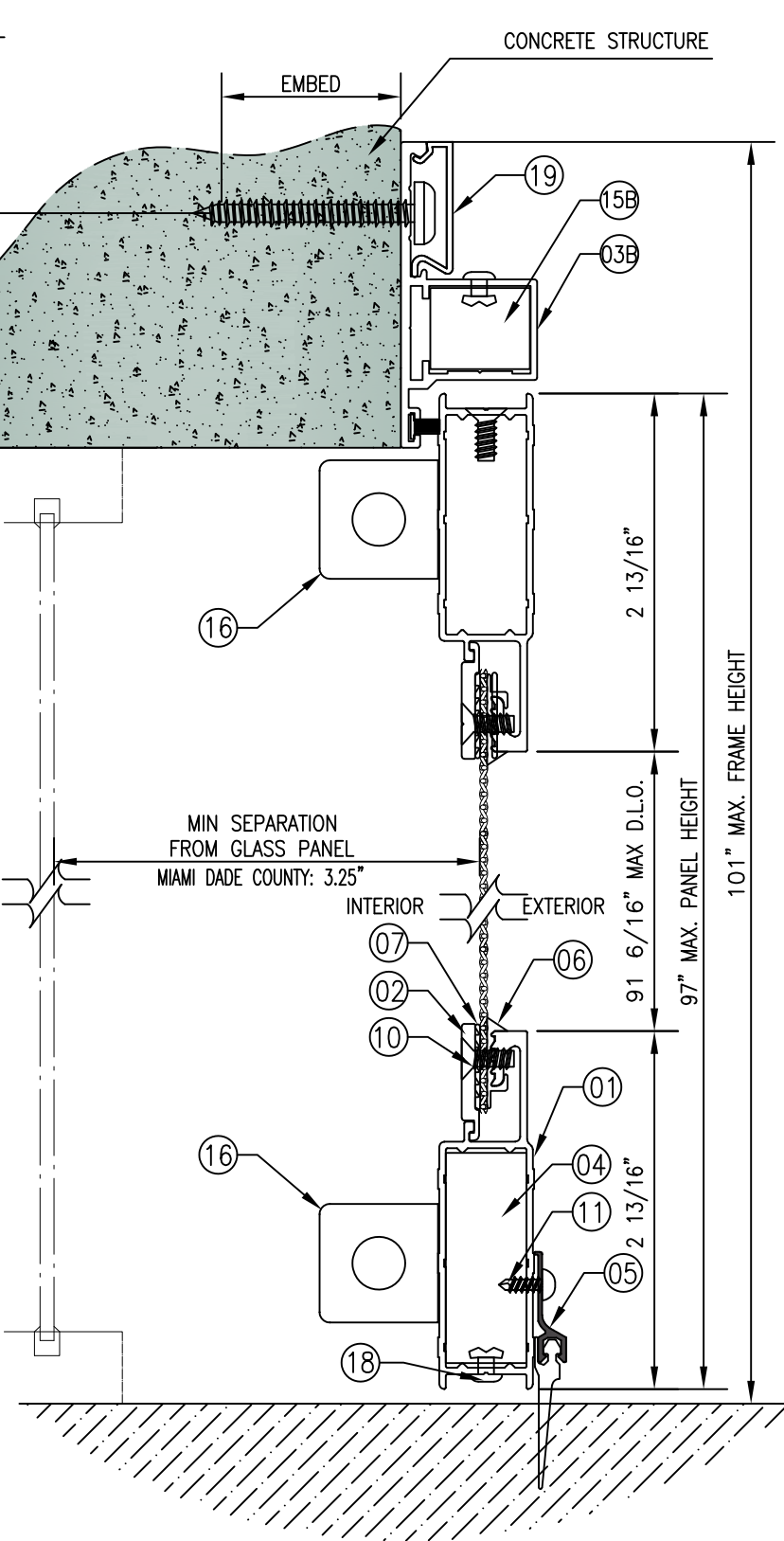
ALL DIMENSION IN INCHES



ATTACHMENT TO WOOD



ATTACHMENT TO ALUMINIUM OR STEEL



ATTACHMENT TO HOLLOW
BLOCK OR CONCRETE

- 01 VERTICAL CROSS SECTION
02 SIDE HURRICANE STANDARD DOOR

ANCHOR SCHEDULE			
TYPE	SUBSTRATE	MIN. EMBEDMENT (IN)	MIN. EDGE DIST. (IN)
3/16" DIA. TAPCON	CONCRETE	1-1/2"	1-7/8"
	CMU/BLOCK	1"	2"
#10 WOOD SCREW	2X WOOD (0.55 MIN. SPECIFIC GRAVITY)	1-3/8"	3/4"
#10 SELF-DRILLING SCREW	0.125" THICKNESS STEEL OR ALUMINUM (F _{tu} = 20 KSI MIN.)	MIN. 3 THREAD ENGAGEMENT PAST INTERIOR THICKNESS	3/4"

ALL DIMENSION IN INCHES

Manufacturer:



Crimsafe North America
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Product:

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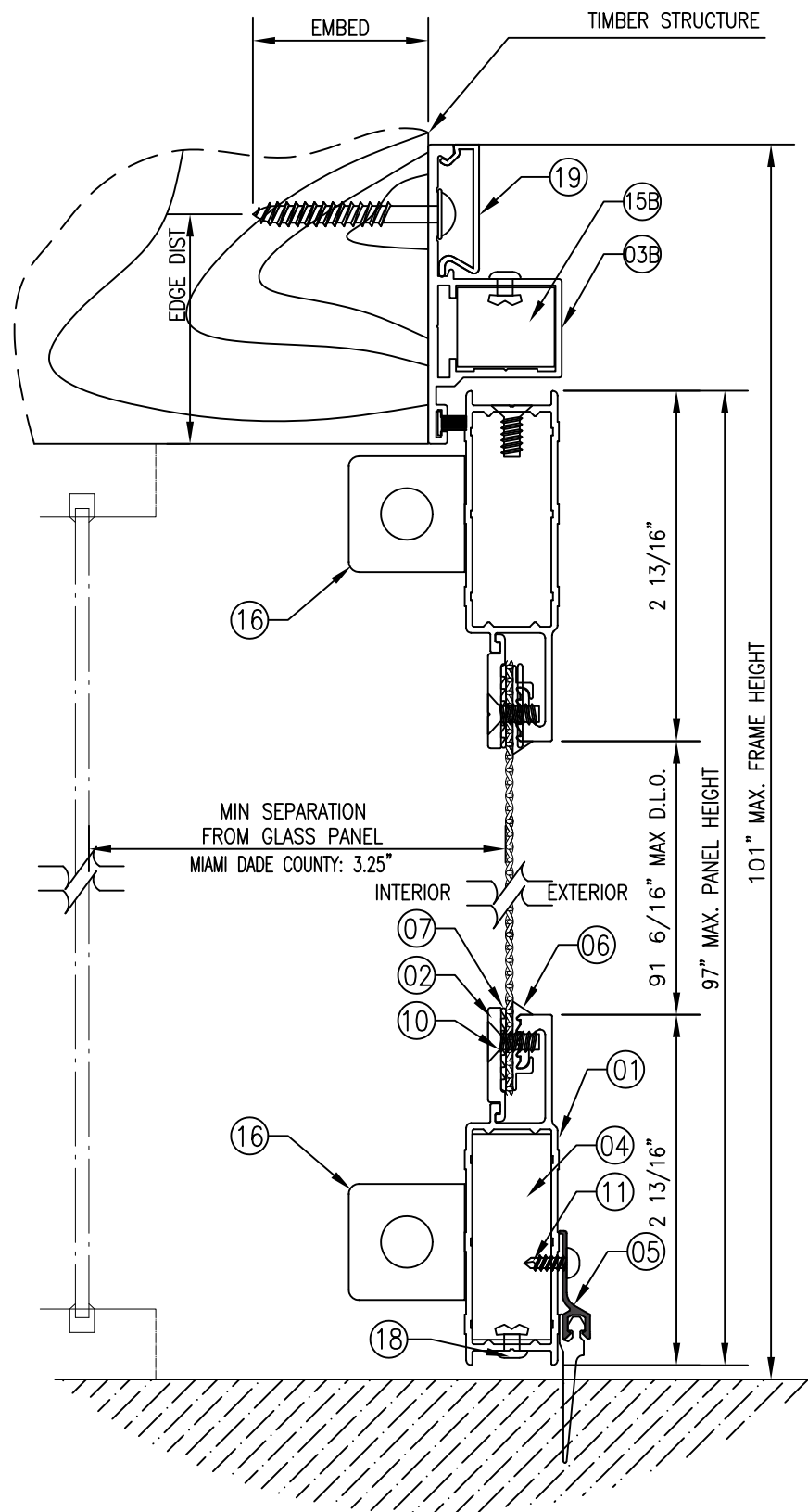
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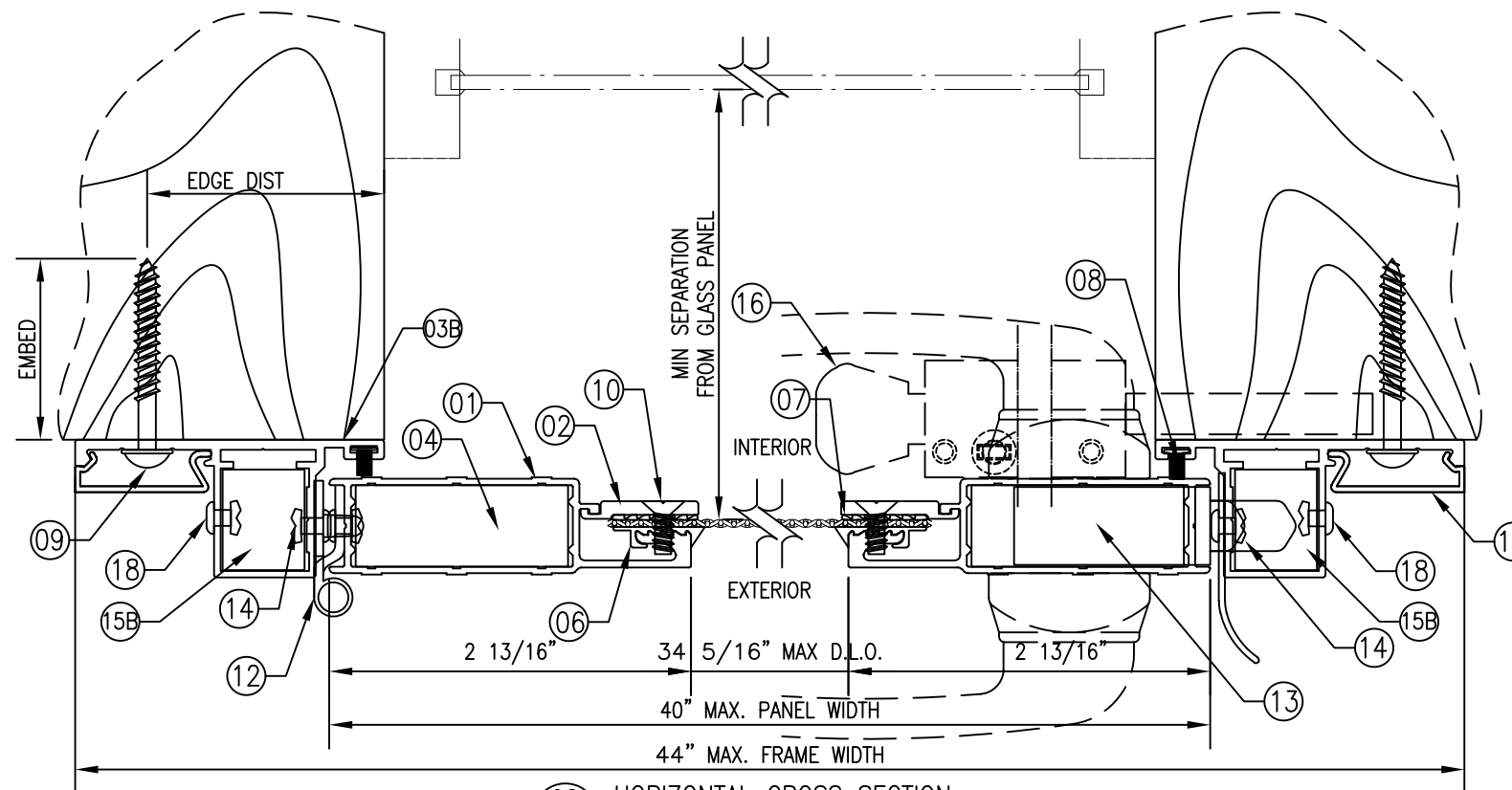


01 VERTICAL CROSS SECTION
02 SIDE HURRICANE STANDARD DOOR

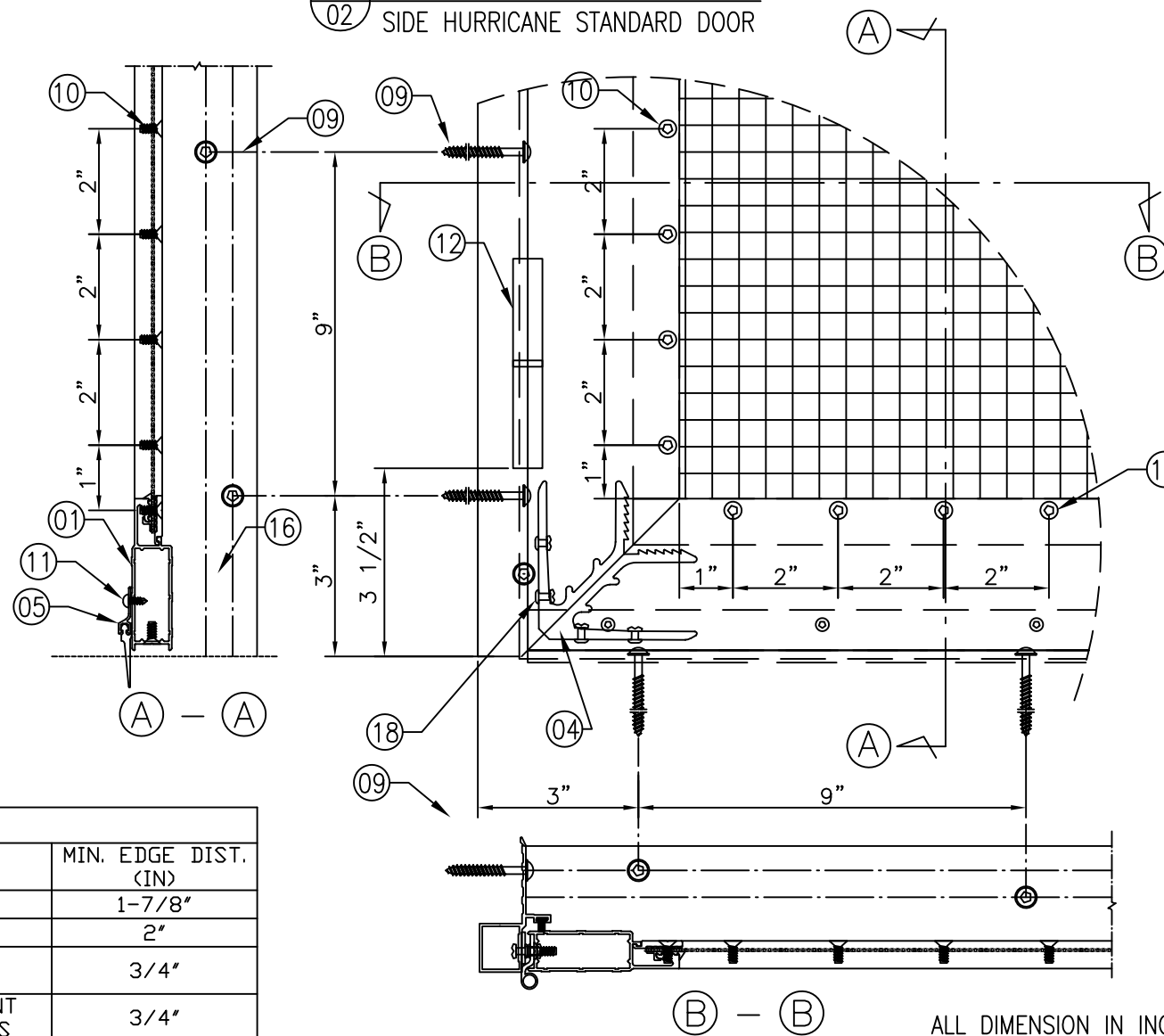
NOTE: INSTALLATION SHOWN IS FOR WOOD FRAME
CONCRETE, CMU AND ALUMINIUM, STEEL TUBE AS SIMILAR

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02 HORIZONTAL CROSS SECTION
02 SIDE HURRICANE STANDARD DOOR



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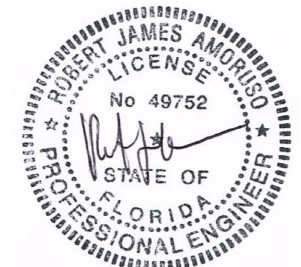
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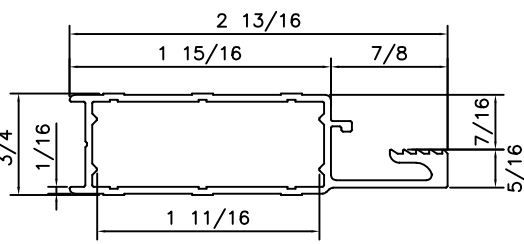
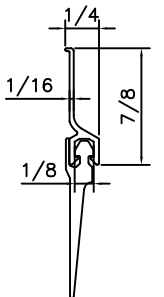
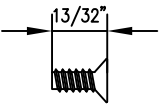
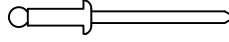
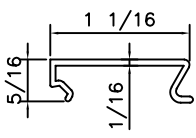
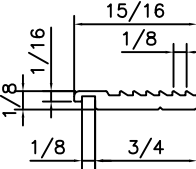
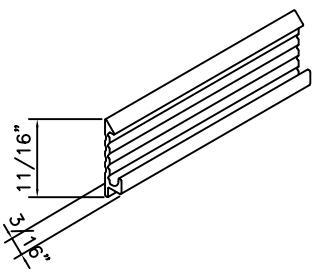
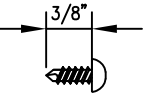
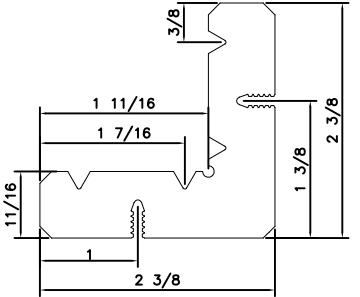
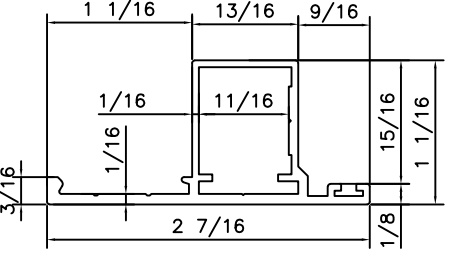
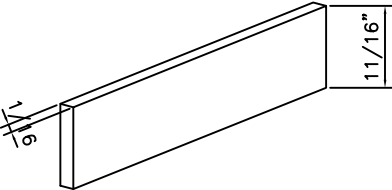
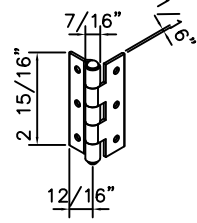
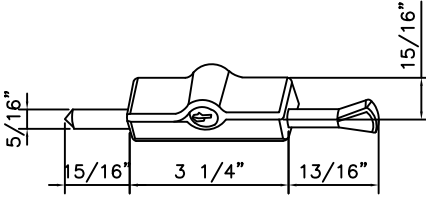
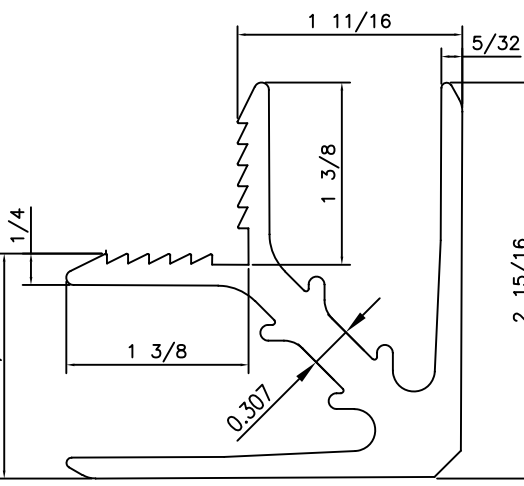
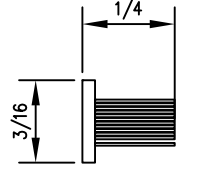
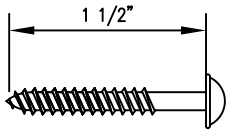
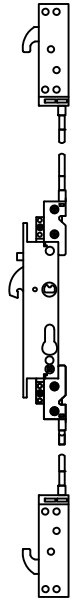
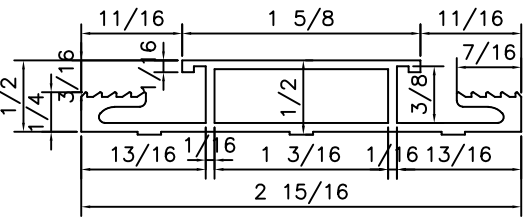
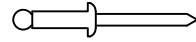
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Scale: NA
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 01 Door Frame 02A SECTION	 05 Bug Sweep SECTION	 10 #8x13/32" -18D1 SECTION	 14 6/4" Rivets SECTION	 19 Cover-08B SECTION
 02 Standard Clamp 04A SECTION	 06 Santoprene Insulator SECTION	 11 #8x3/8" -18E SECTION	 15B Frame CornerStake SECTION	
 03B Face Mount Door Buildout SECTION	 07 Tesa Tape SECTION	 12 Hinge SECTION	 16 Patio Bolt SECTION	
 04 Door Corner 02ACNR SECTION	 08 Woopile SECTION  09 #10 X 1 1/2" -18K SECTION	 13 Multi Point Lock Syetem SECTION	 17 Crimsafe Door Midrail SECTION  18 5/4" Rivets SECTION	

Manufacturer:



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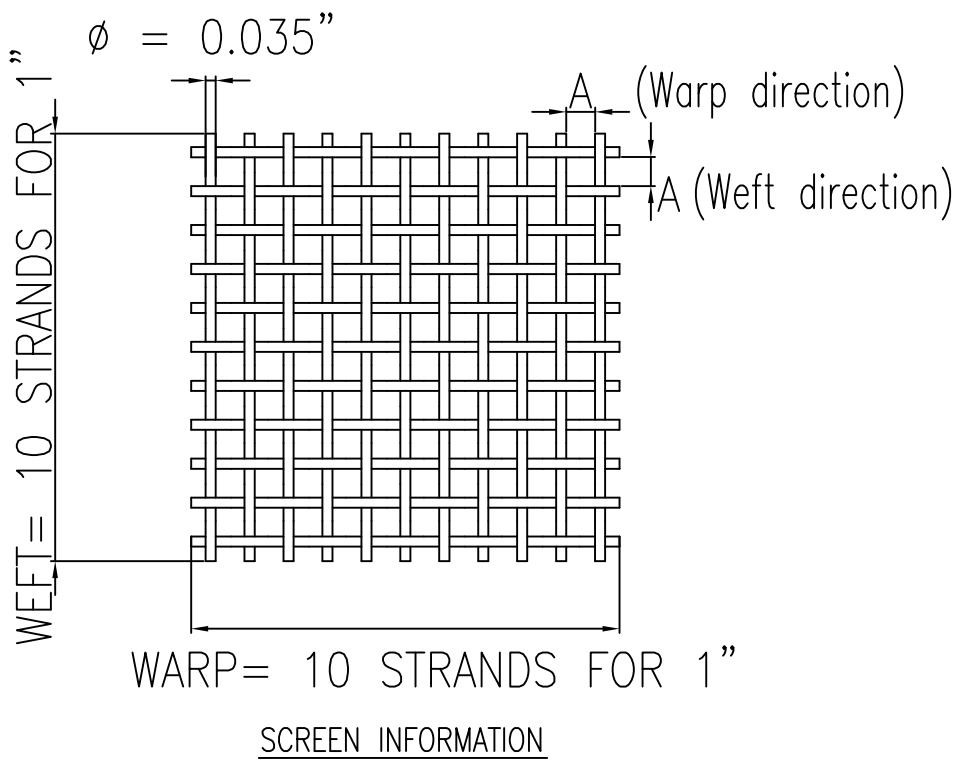
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BILL OF MATERIAL			
ITEM	DESCRIPTION	MATERIAL	QTY
①	Door Frame 02A	6063-T5	4
②	Standard Clamp 04A	6063-T5	6
③B	Face Mount Door Buildout	6063-T5	3
④	Door Corner 02ACNR	6063-T5	4
⑤	Crimsafe Bug Seal and Retainer	6063-T5	1
⑥	Santoprene Insulator	Santoprene	4
⑦	Tesa Tape	-	4
⑧	Woolpile	-	4
⑨	#10 X 1 1/2" -18K	Stainless Steel	30
⑩	#8x13/32" -18D1	Stainless Steel	270
⑪	#8x3/8" -18E	Stainless Steel	11
⑫	Hinge	Steel	4
⑬	Multi Point Lock Syetem	Steel	1
⑭	6/4" Rivets	Stainless Steel	27
⑮B	Frame CornerStake	6063-T5	2
⑯	Patio Bolt	Steel	2
⑰	Crimsafe Door Midrail	6063-T5	1
⑱	5/4" Rivets	Stainless Steel	32
⑲	Cover-08B	6063-T5	3

ANCHOR NOTES:

1. ALLOWABLE ANCHORS SHALL BE AS LISTED IN APPROPRIATE ANCHOR SCEDULE AND SPACED SHOWN ON SHEET 1 ELEVATIONS.
2. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURES RECOMENDATIONS. MINIMUM EMBEDMENT DEPTHS AND EDGE DISTANCES SHALL APPLY AS NOTED IN APPROPRITE ANCHOR SCHEDULE.
3. SYSTEM MAY BE INSTALLED TO CONCRETE, HOLLOW BLOCK, WOOD, STEEL OR AN APPROVED IMPACT RESISTANT ALUMINUM FRAME OF ALLOY 6063-T5 (MIN). FRAME SHALL BE INSTALLED PER RESPECTIVE APPROVAL DOCUMENTATION.
4. WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY, FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT PLYWOOD.
5. WHERE WOOD SCREWS FASTEN TO NARROW FACE OF STUD FRAMING, FASTENER SHALL BE LOCATED IN CENTER OF NOMINAL (MIN) WOOD STUD (19mm. EDGE DISTANCE IS ACCEPTABLE FOR WOOD FRAMEING), AND SHALL PENETRATE 1.5" MIN WOOD STUD SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY, WOOD SCREW SHALL HAVE PHILLIPS PAN HEAD OR HEX HEAD.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHS.
7. ALL SCREW TO ALUMINUM SHALL BE INSTALLED WITH FULL THREAD PENETRATION AND MINIMUM 0.5" EDGE DISTANCE TO APPROVED 6063-T5 (MIN) ALUMINUM FRAME (0.125" MIN THICKNESS).



ALL DIMENSION IN INCHES

Manufacturer:



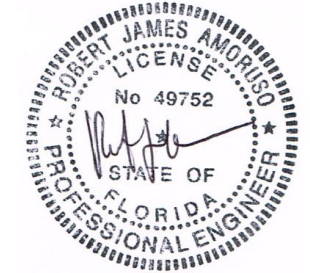
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