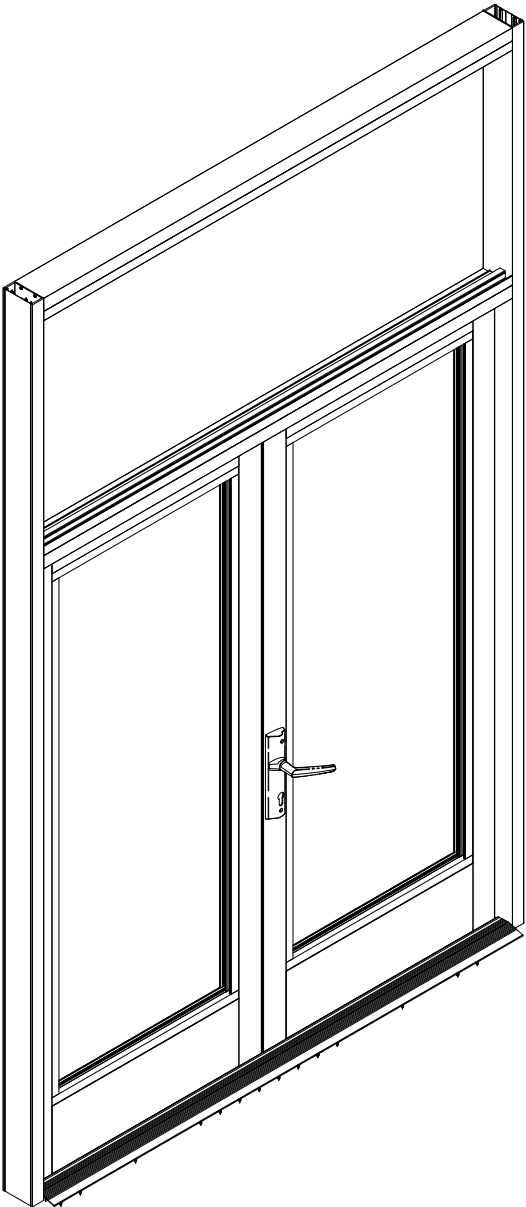
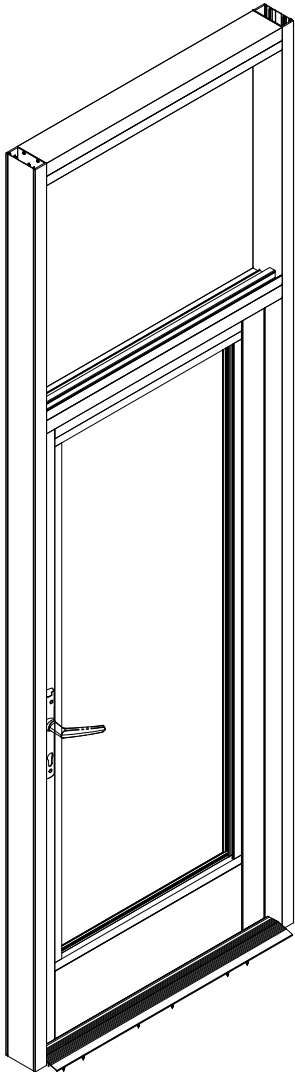


TO OBTAIN AUTOCAD/REVIT
COMPATIBLE DETAILS OF THIS
PRODUCT, KINDLY GET IN TOUCH
WITH US CONTACTING US VIA OUR
OFFICIAL EMAIL ADDRESS:
CONTACT@JA-PE.COM.

SERIES ENV-350 ALUMINUM INSWING ENTRANCE DOOR *(LARGE & SMALL MISSILE IMPACT)*



GENERAL NOTES

1. THIS SYSTEM PRESENTED HEREIN HAS UNDERGONE DESIGN AND TESTING IN FULL COMPLIANCE WITH THE FLORIDA BUILDING CODE EIGHTH EDITION (2023) AND IS INTENDED FOR USE IN HIGH VELOCITY HURRICANE ZONE PER TAS 201/202/203..
2. THE DESIGN PRESSURES OUTLINED IN THIS DOCUMENT ARE DERIVED FROM MAXIMUM TESTED PRESSURES AND INCORPORATE A 1.5 SAFETY FACTOR.
3. THE PRESSURES PROVIDED IN THIS CERTIFICATION ARE DETERMINED USING THE ALLOWABLE STRESS DESIGN METHOD (ASD).
4. THIS PRODUCT HAS BEEN RIGOROUSLY TESTED IN ACCORDANCE WITH THE STANDARDS DESCRIBED IN NOTE 1 OF THE GENERAL NOTES. IT IS CONFIRMED TO BE RESISTANT TO LARGE MISSILE IMPACT, THEREBY NOT NECESSITATING THE USE OF IMPACT-RESISTANT SHUTTERS.
5. THE DESIGN OF THIS SYSTEM DOES NOT INCORPORATE A 33-1/3% INCREASE IN ALLOWABLE STRESS. FOR WOOD ANCHOR DESIGN, A WIND LOAD DURATION FACTOR OF CD=1.6 HAS BEEN EMPLOYED.
6. THE ARCHITECT/ENGINEER OF RECORD RESPONSIBLE FOR THE PROJECT'S SUPERSTRUCTURE, WITH WHICH THIS DESIGN IS ASSOCIATED, SHALL ENSURE THE INTEGRITY OF ALL SUPPORTING SURFACES. COORDINATION WITH THE PERMITTING CONTRACTOR IS REQUIRED, AND PROPER ANCHORING OF WOOD BUCKS (BY OTHERS) MUST FACILITATE LOAD TRANSFER TO THE EXISTING STRUCTURE.

7. THE DETAILS OF THE SYSTEM PROVIDED HEREIN ARE OF A GENERIC NATURE AND DO NOT OFFER SPECIFIC SITE INFORMATION. FOR SITE CONDITIONS THAT DIFFER FROM THOSE SPECIFIED HERE, A LICENSED ENGINEER OR REGISTERED ARCHITECT MUST PREPARE SITE-SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS CERTIFICATION.
8. THE CONTRACTOR IS ACCOUNTABLE FOR INSULATING ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS (E.G., STEEL WITH ALUMINUM).
9. THE SUBSTITUTION OF FASTENERS DESCRIBED IN THIS CERTIFICATION IS PERMISSIBLE, PROVIDED THE ALTERNATIVE ANCHOR EXHIBITS STRENGTH EQUAL TO OR GREATER THAN THE ORIGINALLY SPECIFIED FINAL APPROVAL OF SUBSTITUTED ANCHORS SHALL BE GRANTED BY RELEVANT AUTHORITIES.
10. THE WOOD SCREWS REFERENCED IN THIS CERTIFICATION MUST MEET A MINIMUM GRADE OF 2 (FU = 74,000 PSI).
11. THE ENGINEER'S SEAL AFFIXED HERE VALIDATES THE STRUCTURAL DESIGN AS PRESENTED SOLELY. ANY USE OF THIS SPECIFICATION BY THE CONTRACTOR OR OTHERS INDEMNIFIES AND SAVES THE ENGINEER HARMLESS FROM ALL COSTS AND DAMAGES, INCLUDING LEGAL FEES AND APPELLATE FEES ARISING FROM MATERIAL FABRICATION, SYSTEM ERECTION, AND CONSTRUCTION PRACTICES BEYOND THE SCOPE CALLED FOR BY LOCAL, STATE, AND FEDERAL CODES OR DEVIATIONS FROM THE PLAN

12. NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED BEYOND WHAT IS EXPRESSLY PROVIDED IN THIS DOCUMENT.
13. ALTERATIONS, ADDITIONS, OR ANY MARKINGS TO THIS DOCUMENT ARE STRICTLY PROHIBITED AND WILL INVALIDATE THIS CERTIFICATION.
14. PROPER SAFETY MEASURES MUST BE OBSERVED DURING THE INSTALLATION AND USE OF THIS SYSTEM, EVEN THOUGH THEY ARE NOT EXPLICITLY LISTED IN THIS CERTIFICATION.
15. EACH PRODUCT SHALL BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER SYSTEM, CONTAINING THE FOLLOWING REQUIRED INFORMATION:
ENVIRALUM IND. INC.
5100 NW 72 AVE.
UNIT C MIAMI, FL 33166
PHONE: 305.752.4411
FAX: 305.406.3877

THIS PRODUCT IS APPROVED FOR IMPACT RESISTANT LEVEL 'D' & 'E'.



JAVAD AHMAD PE, Inc

8800 NW 23rd St
Miami FL 33172
Ph: (305) 424-8001
contact@ja-pe.com

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**SERIES ENV-350 ALUMINUM
INSWING ENTRANCE DOOR
(LARGE MISSILE IMPACT)**

ENVIRALUM IND. INC.
5100 NW 72 AVE.
UNIT C MIAMI, FL 33166
PHONE: 305.752.4411
FAX: 305.406.3877

REVISION			
No.	DATE	BY	DESCRIPTION
date:		10-20-2023	
scale:			
drawn by:		M.S.	
check by:		H.T.	
DRAWING #		JA-1695-23	

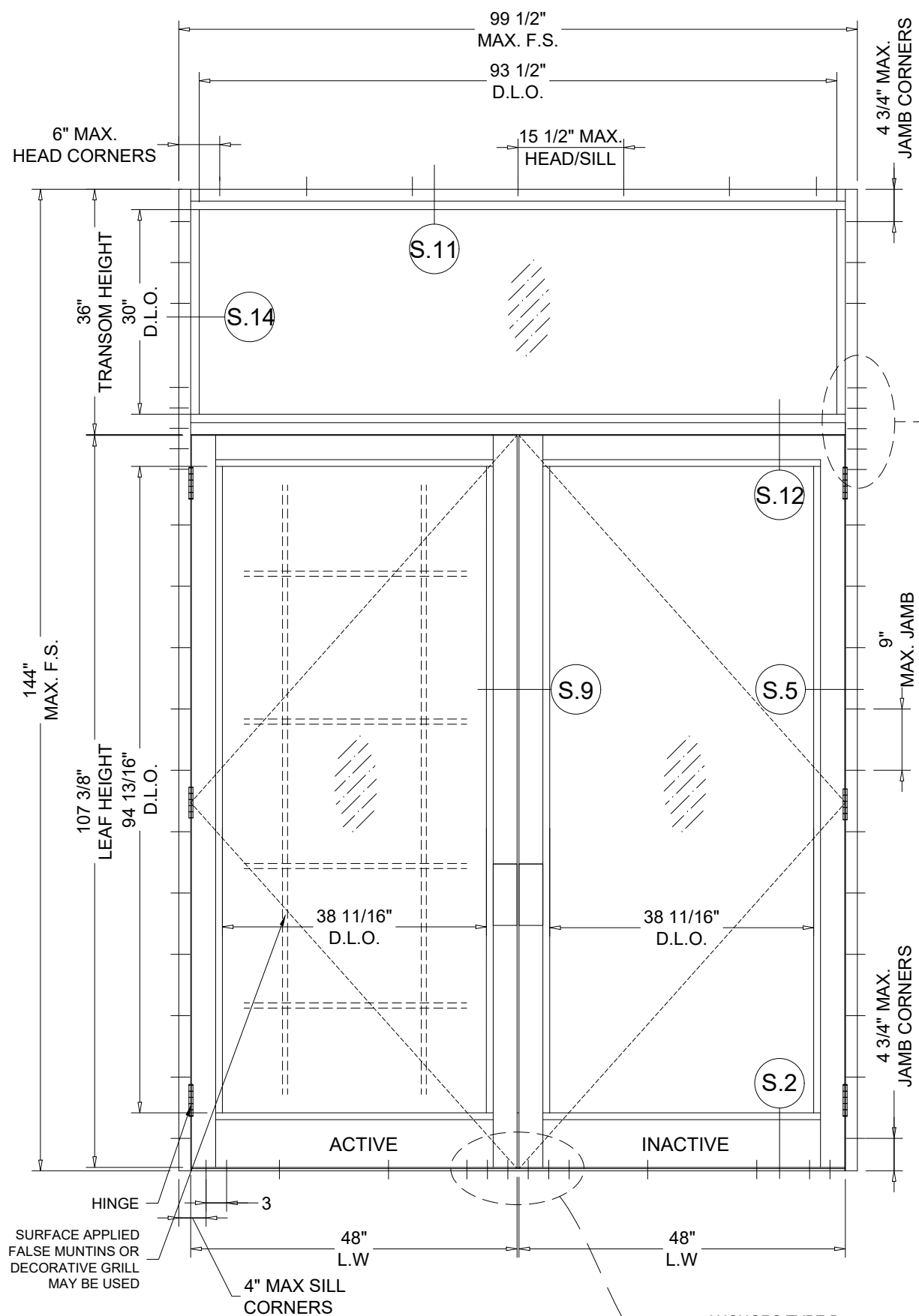


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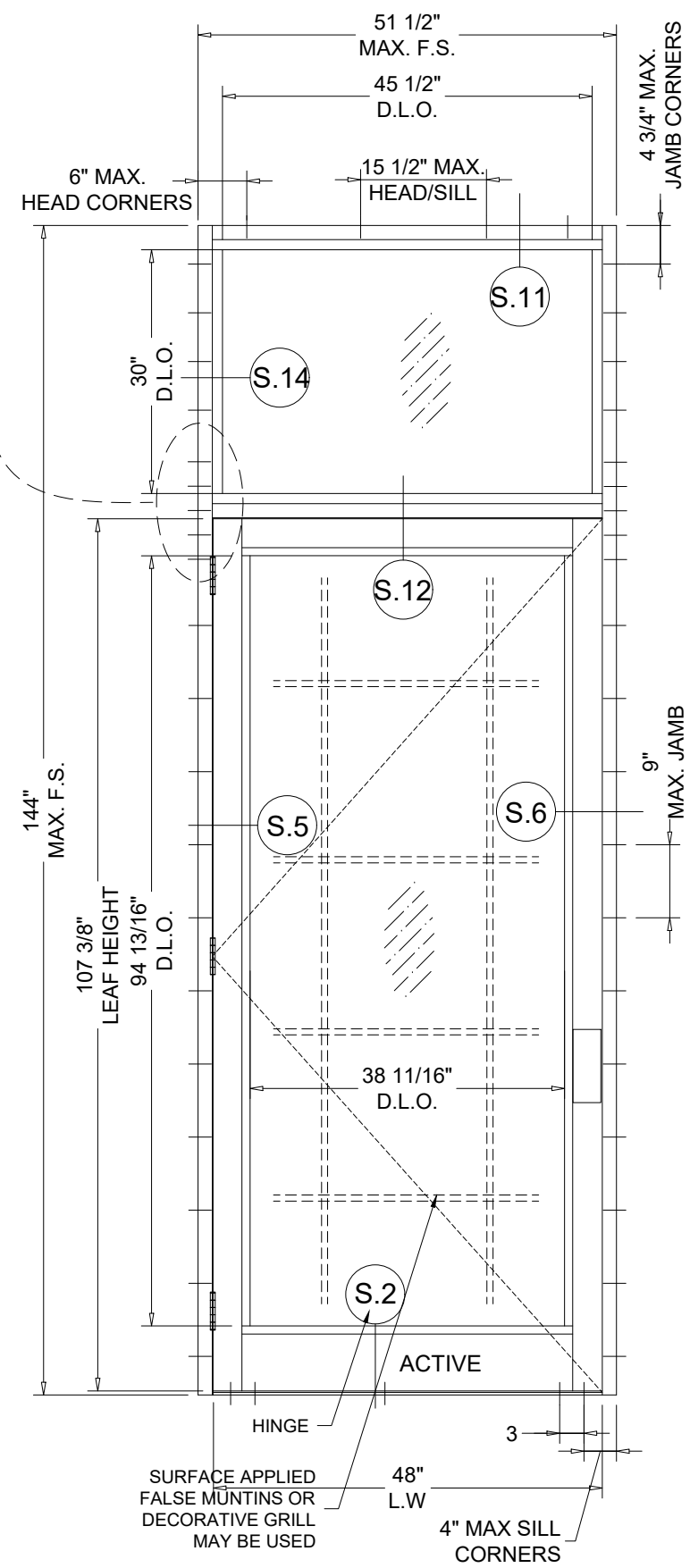
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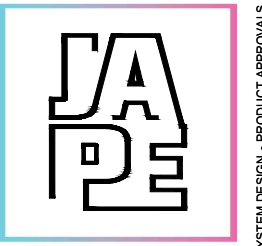
SHEET No.
01 OF 15



DOUBLE DOOR WITH TRANSOM



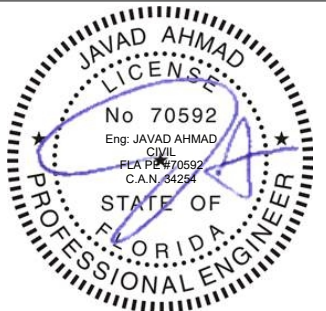
SINGLE DOOR WITH TRANSOM



SERIES ENV-350 ALUMINUM
IN SWING ENTRANCE DOOR
(LARGE MISSILE IMPACT)

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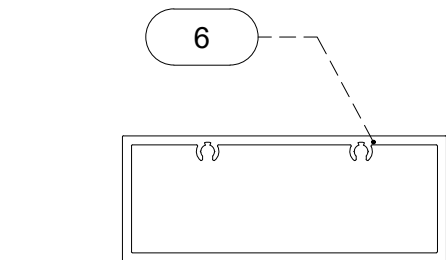
REVISION			
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DRAWING #		JA-1695-23	



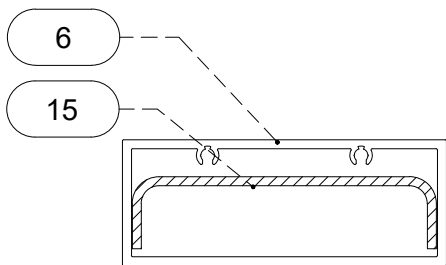
LEVEL 'D' & 'E' IMPACT

DOUBLE DOORS WITH TRANSCOM CAPACITY - PSF				
FRAME/TRANSCOM WIDTH	DOOR HEIGHT	TRANSCOM HEIGHT	WITHOUT REINF. EXT.(+) INT. (-)	WITH REINF. EXT.(+) INT. (-)
75-1/2" (XX)	80"	24"	78.3	100
		30"	72.2	100
		36"	66.7	100
		42"	61.7	95.7
		48"	57.2	87.8
81-1/2" (XX)		24"	65.7	100.0
		30"	60.3	95.1
		36"	55.4	86.4
		42"	50.9	78.6
		48"	46.9	71.4
87-1/2" (XX)		24"	55.7	88.7
		30"	50.7	79.9
		36"	46.3	72.0
		42"	42.4	64.8
		48"	38.8	58.3
93-1/2" (XX)		24"	47.5	75.6
		30"	43.0	67.5
		36"	39.0	60.2
		42"	35.4	53.6
99-1/2" (XX)		24"	40.8	64.8
	30"	36.7	57.2	
	36"	33	50.5	
75-1/2" (XX)	84"	24"	75.4	100
		30"	69.7	100
		36"	64.4	100
		42"	59.7	92.7
		48"	55.4	85.1
81-1/2" (XX)		24"	63.3	100
		30"	58.1	91.8
		36"	53.5	83.5
		42"	49.3	76.1
		48"	45.5	69.3
87-1/2" (XX)		24"	53.6	85.4
		30"	49	77.1
		36"	44.8	69.6
		42"	41	62.8
		48"	37.6	56.6
93-1/2" (XX)		24"	45.7	72.8
		30"	41.5	65.1
		36"	37.7	58.2
		42"	34.3	51.9
99-1/2" (XX)		24"	39.3	62.4
	30"	35.4	55.2	
	36"	31.9	G46	

DOUBLE DOORS WITH TRANSCOM CAPACITY - PSF				
FRAME/TRANSCOM WIDTH	DOOR HEIGHT	TRANSCOM HEIGHT	WITHOUT REINF. EXT.(+) INT. (-)	WITH REINF. EXT.(+) INT. (-)
75-1/2" (XX)	90"	24"	71.5	100
		30"	66.2	100
		36"	61.4	96.2
		42"	57	88.5
		48"	53	81.4
81-1/2" (XX)		24"	60.0	95.6
		30"	55.2	87.2
		36"	51.0	79.6
		42"	47.1	72.6
		48"	43.5	66.3
87-1/2" (XX)		24"	50.8	80.9
		30"	46.5	73.2
		36"	42.7	66.3
		42"	39.2	59.9
93-1/2" (XX)		24"	43.3	69.0
		30"	39.5	61.9
		36"	35.9	55.4
99-1/2" (XX)		24"	37.2	59.1
		30"	33.6	52.5
75-1/2" (XX)		96"	24"	67.9
	30"		63	99.7
	36"		58.6	91.8
	42"		54.5	84.6
	48"		50.8	78
81-1/2" (XX)	24"		57	90.9
	30"		52.6	83.1
	36"		48.7	75.9
	42"		45	69.5
	48"		41.7	63.5
87-1/2" (XX)	24"		48.2	76.9
	30"		44.3	69.7
	36"		40.7	63.2
93-1/2" (XX)	24"		41.2	65.5
	30"		37.6	58.9
99-1/2" (XX)	24"		35.4	56.1

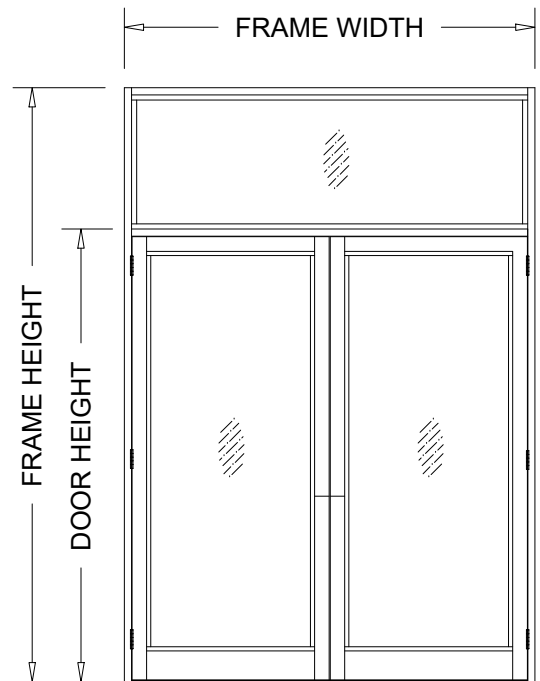


TRANSOM WITHOUT REINF.



TRANSOM WITH REINF.

DOUBLE DOORS WITH TRANSCOM CAPACITY - PSF					
FRAME/TRANSCOM WIDTH	DOOR HEIGHT	TRANSCOM HEIGHT	WITHOUT REINF. EXT.(+) INT. (-)	WITH REINF. EXT.(+) INT. (-)	
75-1/2" (XX)	102"	24"	64.7	100	
		30"	60.2	95.1	
		36"	56.0	87.8	
		42"	52.3	81.1	
81-1/2" (XX)		24"	54.2	86.5	
		30"	50.2	79.8	
		36"	46.5	72.6	
		42"	43.2	66.6	
87-1/2" (XX)		24"	45.9	73.2	
		30"	42.3	66.6	
93-1/2" (XX)		24"	39.2	62.4	
75-1/2" (XX)		108"	24"	61.7	98.5
	30"		57.5	91	
	36"		53.7	84.1	
	81-1/2" (XX)		24"	51.8	82.6
			30"	48	75.8
			36"	44.6	69.6
87-1/2" (XX)	24"		43.9	69.9	



NOTE:
GLASS CAPACITIES ON THIS ARE BASED ON
ASTM E1300-09 (3 SEC.GUSTS) AND FLORIDA
BUILDING COMMISSION DECLARATORY
STATEMENT DCA05-DEC-219.



JAVAD AHMAD PE, Inc

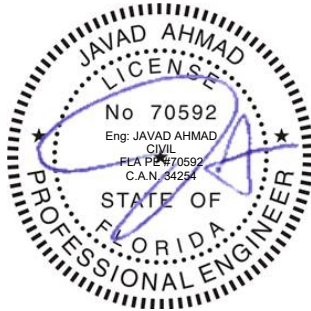
8800 NW 23rd St
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Ph: (305) 424-8001
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SERIES ENV-350 ALUMINUM
INSWING ENTRANCE DOOR
(LARGE MISSILE IMPACT)

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No.	DATE	BY	DESCRIPTION
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drawn by:		M.S.	
check by:		H.T.	
DRAWING #		JA-1695-23	



Sealed: 01.15.24

DOOR/TRANS.

SHEET No
05 OF 15

FL# 20701.1

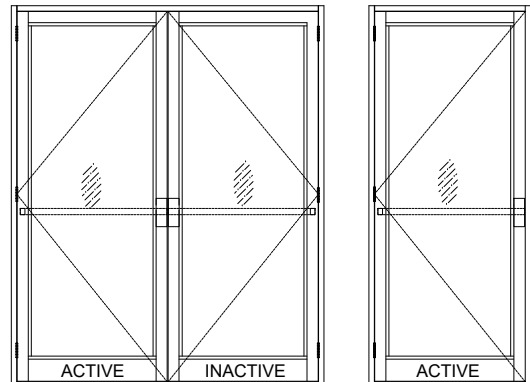
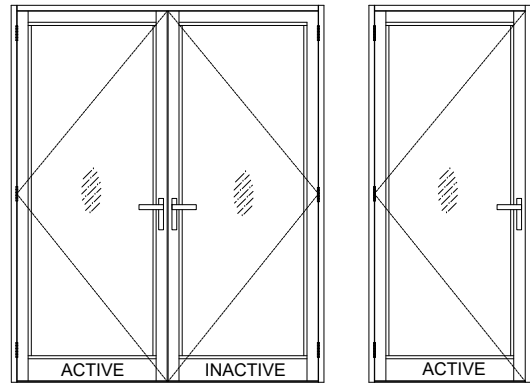
LOCK OPTIONS: LEVEL 'D' IMPACT

HARDWARE OPTIONS	ACTIVE LEAF	INACTIVE LEAF	MAX. DESIGN LIMITS											
3 POINT LOCK SYSTEM BY 'INTERLOCK'	3 POINT LOCK SYSTEM BY 'INTERLOCK' AT 40" FROM BOTTOM HANDLE ACTIVATES DEAD BOLT AND SHOOT BOLTS ENGAGING AT HEAD AND SILL KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR FASTENED TO ACTIVE LEAF LOCK STILE WITH (2) #8-32X2" OH MS	2 POINT LOCK SYSTEM BY 'INTERLOCK' AT 40" FROM BOTTOM HANDLE ACTIVATES SHOOT BOLTS ENGAGING AT HEAD AND SILL FASTENED TO INACTIVE LEAF LOCK STILE WITH #8-32 X2" OH MS	<table><tr><td>DESIGN LIMITS</td><td colspan="2">MAX. LEAF WIDTH = 48 IN.</td></tr><tr><td>MAX. LEAF HEIGHT</td><td>118-1/4" IN</td><td>108 IN</td></tr><tr><td>MAX. DESIGN LOAD</td><td>±100 PSF</td><td>±144 PSF</td></tr></table>			DESIGN LIMITS	MAX. LEAF WIDTH = 48 IN.		MAX. LEAF HEIGHT	118-1/4" IN	108 IN	MAX. DESIGN LOAD	±100 PSF	±144 PSF
DESIGN LIMITS						MAX. LEAF WIDTH = 48 IN.								
MAX. LEAF HEIGHT	118-1/4" IN	108 IN												
MAX. DESIGN LOAD	±100 PSF	±144 PSF												
MODEL : ML - 207														
3 POINT LOCK SYSTEM SERIES 2222 BY 'REGENT HARDWARE'	WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE AND THUMB TURN ON INTERIOR LOCATED AT 40" FROM BOTTOM OF PANEL FASTENED WITH (2) #12-24 X 1/2" FH MACHINE SCREWS	MANUALLY OPERATED 2 POINT LOCK SYSTEM WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE FASTENED WITH (2) #8-32 X 1/4" PH MACHINE SCREWS												
3 POINT LOCK SYSTEM BY 'ADAMS RITES'														
MULTI POINT LOCK SYSTEM SERIES 7000 OR 84/ 8600 BY 'SARGENT'	LEVER TYPE HANDLE WITH KEY CYLINDER ON EXTERIOR AND INTERIOR, LOCATED AT 40" FROM BOTTOM,ACTIVATES CONCEALED FLUSH BOLTS ENGAGING AT HEAD AND SILL													

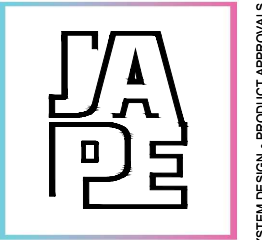
HARDWARE OPTIONS	ACTIVE LEAF	INACTIVE LEAF	MAX. DESIGN LIMITS									
CONCEALED VERTICAL ROD PANIC EXIT DEVICE # 5770 BY 'REGENT HARDWARE'	LOCATED AT 40" FROM SILL AT EACH LEAF. FASTENED WITH. (1) #10 X 3/8 FH SELF DRILLING SCREW AT ONE END AND (2) #10 X 1/2 FH SELF DRILLING SCREW AT ONE END		MAX. LEAF HEIGHT = 96 IN. MAX. LEAF WIDTH = 48 IN. MAX. DESIGN LOAD = ± 75 PSF									
CONCEALED VERTICAL ROD PANIC EXIT DEVICE PRECISION 2800	LOCATED AT 40" FROM SILL AT EACH LEAF. FASTENED WITH. (1) #10-32 X 3/4 FH MACHINE SCREW AT ONE END AND (2) #10-24 X 1/2 FH MACHINE SCREW AT ONE END		MAX. LEAF HEIGHT = 118-1/4 IN. MAX. LEAF WIDTH = 48 IN. MAX. DESIGN LOAD = ± 100 PSF									
CONCEALED VERTICAL ROD PANIC EXIT DEVICE 33/3547 & 98/9947 BY 'VON DUPRIN'	CONCEALED VERTICAL ROD PANIC EXIT DEVICE LOCATED AT 40" FROM BOTTOM FASTENED TO ACTIVE LEAF WITH (6) 10-24 X 1-1/8" PH MS		MAX. LEAF HEIGHT = 96 IN. MAX. LEAF WIDTH = 48 IN. MAX. DESIGN LOAD = ± 100 PSF									
CONCEALED VERTICAL ROD PANIC EXIT DEVICE 'SARGENT' 84 / 8600 PE-8600	CONCEALED VERTICAL ROD PANIC EXIT DEVICE SERIES 8400 / 8600 BY 'SARGENT ASSA ABLOY' LOCATED AT 40" FASTENED WITH . (2) #12 X 1" HH SELF DRILLING SCREW AT ONE END AND (2) #14 X 3/4" PH SELF DRILLING SCREWS AT OTHER END		<table><tr><td>DESIGN LIMITS</td><td colspan="2">MAX. LEAF WIDTH = 48 IN.</td></tr><tr><td>MAX. LEAF HEIGHT</td><td>118-1/4" IN</td><td>108 IN</td></tr><tr><td>MAX. DESIGN LOAD</td><td>±100 PSF</td><td>+100/ -144 PSF</td></tr></table>	DESIGN LIMITS	MAX. LEAF WIDTH = 48 IN.		MAX. LEAF HEIGHT	118-1/4" IN	108 IN	MAX. DESIGN LOAD	±100 PSF	+100/ -144 PSF
DESIGN LIMITS	MAX. LEAF WIDTH = 48 IN.											
MAX. LEAF HEIGHT	118-1/4" IN	108 IN										
MAX. DESIGN LOAD	±100 PSF	+100/ -144 PSF										
CONCEALED VERTICAL ROD PANIC EXIT DEVICE PED-54 BY 'CORBIN RUSSWIN' PE 5000	LOCATED AT 40" FROM SILL AT EACH LEAF. FASTENED WITH. (1) #10-32 X 3/4 FH MACHINE SCREW AT ONE END AND (2) #10-24 X 1/2 FH MACHINE SCREW AT ONE END											
CONCEALED VERTICAL ROD PANIC EXIT DEVICE #G86 BY 'ADAMS RITE'	LOCATED AT 40" FROM SILL AT EACH LEAF.FASTENED WITH. (2) #10-32 X 3/4 FH MACHINE SCREW AT ONE END AND (2) #10-24 X 1/2 FH MACHINE SCREW AT OTHER END		MAX. LEAF HEIGHT = 118-1/4 IN. MAX. LEAF WIDTH = 48 IN. MAX. DESIGN LOAD = ± 100 PSF									

PANIC DEVICE GUARD

(5) 1" DIA. ROUND ALUM BARS SPACE 1"APART
SCREWED TO 3/8" THICK FLAT BAR FASTENED TO DOOR
LEAF WITH (4) 1/4-20 X 3/4 SMS
GUARD TO BE INSTALLED OVER PANIC DEVICE DURING
PERIODS OF HURRICANE WARNING.



NOTE:FRAME HEIGHT DOES
INCLUDE OPTIONAL TRANSOM



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Sealed: 01.15.24

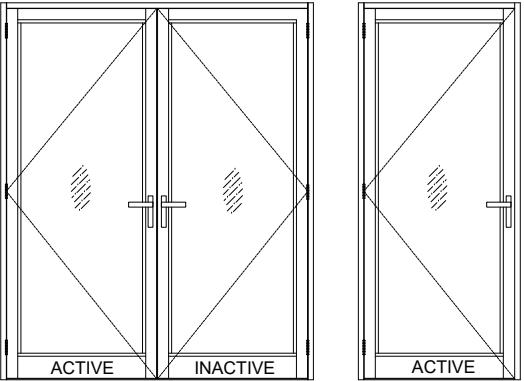
HARDWARE

SHEET No.
06 OF 15

FL# 20701.1

LOCK OPTIONS: LEVEL 'E' IMPACT

HARDWARE OPTIONS	ACTIVE LEAF	INACTIVE LEAF	MAX. DESIGN LIMITS
3 POINT LOCK SYSTEM SERIES 2222 BY 'REGENT HARDWARE'	KEY OPERATED FROM EXTERIOR AND THUMB TURN ON INTERIOR WITH RESIDENTIAL LEVER MECHANISM AND CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE LOCATED AT 40" FROM BOTTOM OF LEAF	MANUALLY OPERATED 2 POINT LOCK SYSTEM WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE FASTENED WITH (2) #8-32 X 1/4" PH MACHINE SCREWS	MAX. LEAF HEIGHT = 96 IN. MAX. LEAF WIDTH = 48 IN. MAX. DESIGN LOAD = ± 100 PSF
3 POINT LOCK SYSTEM BY 'ADAMS RITES'	WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE AND THUMB TURN ON INTERIOR LOCATED AT 40" FROM BOTTOM OF PANEL FASTENED WITH (2) #12-24 X 1/2" FH MACHINE SCREWS	MANUALLY OPERATED 2 POINT LOCK SYSTEM WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE FASTENED WITH (2) #8-32 X 1/4" PH MACHINE SCREWS	
MULTI POINT LOCK SYSTEM SERIES 7000 BY 'SARGENT'	LEVER TYPE HANDLE WITH KEY CYLINDER ON EXTERIOR AND INTERIOR, LOCATED AT 40" FROM BOTTOM,ACTIVATES CONCEALED FLUSH BOLTS ENGAGING AT HEAD AND SILL		

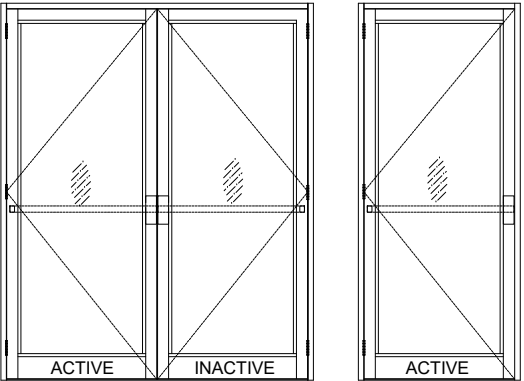


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HARDWARE OPTIONS	ACTIVE LEAF	INACTIVE LEAF	MAX. DESIGN LIMITS
CONCEALED VERTICAL ROD PANIC EXIT DEVICE PRECISION 2800	LOCATED AT 40" FROM SILL AT EACH LEAF FASTENED WITH. (1) #10-32 X 3/4 FH MACHINE SCREW AT ONE END AND (2) #10-24 X 1/2 FH MACHINE SCREW AT ONE END		MAX. LEAF HEIGHT = 96 IN. MAX. LEAF WIDTH = 48 IN. MAX. DESIGN LOAD = ± 100 PSF
CONCEALED VERTICAL ROD PANIC EXIT DEVICE 33/3547 & 98/9947 BY 'VON DUPRIN'	'VON DUPRIN 98 / 99' CONCEALED VERTICAL ROD PANIC EXIT DEVICE LOCATED AT 40" FROM BOTTOM FASTENED TO ACTIVE LEAF WITH (6) 10-24 X 1-1/8" PH MS		
CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY 'SARGENT' 84 / 8600 PE-8600	CONCEALED VERTICAL ROD PANIC EXIT DEVICE SERIES 8400 / 8600 BY 'SARGENT ASSA ABLOY' LOCATED AT 40" FASTENED WITH . (2) #12 X 1" HH SELF DRILLING SCREW AT ONE END AND (2) #14 X 3/4" PH SELF DRILLING SCREWS AT OTHER END		
CONCEALED VERTICAL ROD PANIC EXIT DEVICE PED-54 BY 'CORBIN RUSSWIN'	LOCATED AT 40" FROM SILL AT EACH LEAF FASTENED WITH. (1) #10-32 X 3/4 FH MACHINE SCREW AT ONE END AND (2) #10-24 X 1/2 FH MACHINE SCREW AT ONE END		



NOTE:FRAME HEIGHT DOES
INCLUDE OPTIONAL TRANSOM

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INSWING ENTRANCE DOOR
(LARGE MISSILE IMPACT)

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REVISION

No.	DATE	BY	DESCRIPTION

date:	10-20-2023
scale:	
drawn by:	M.S.
check by:	H.T.
DRAWING #	JA-1695-23

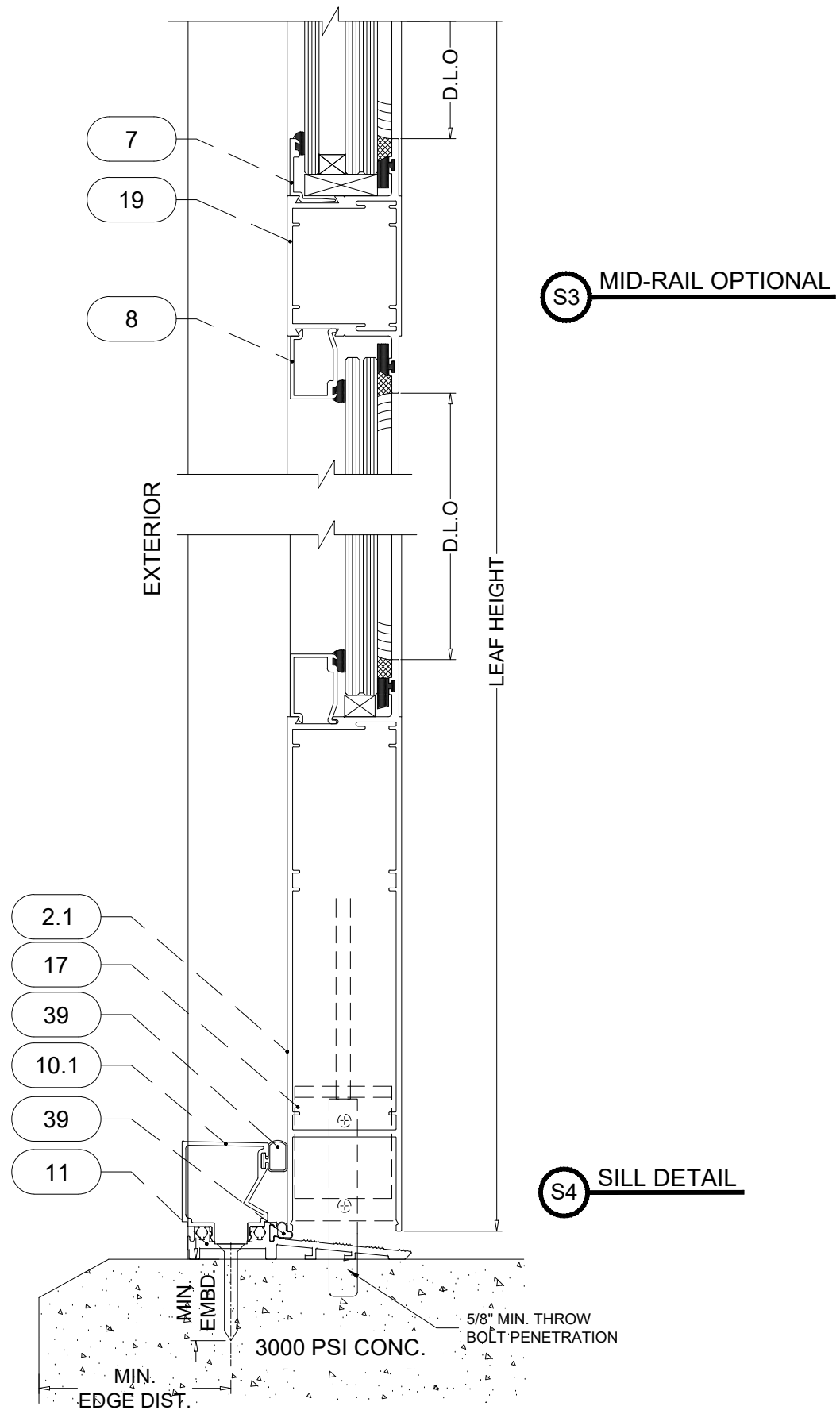
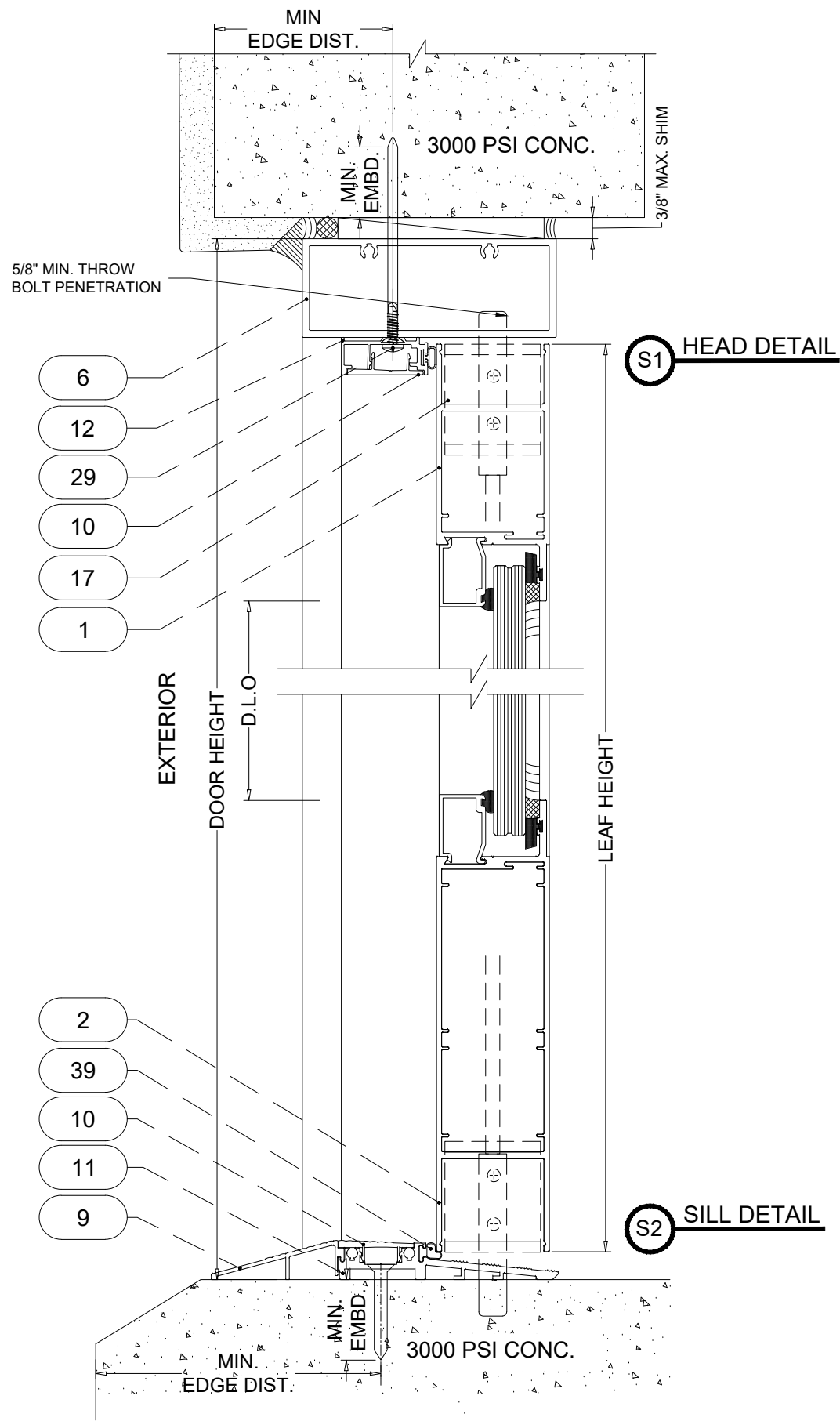


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HARDWARE

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INSWING ENTRANCE DOOR
(LARGE MISSILE IMPACT)

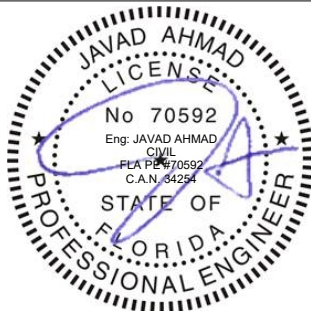
ENVIRALUM IND. INC.
5100 NW 72 AVE.
UNIT C MIAMI, FL 33166
PHONE: 305.752.4411
FAX: 305.406.3877

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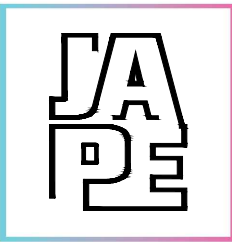
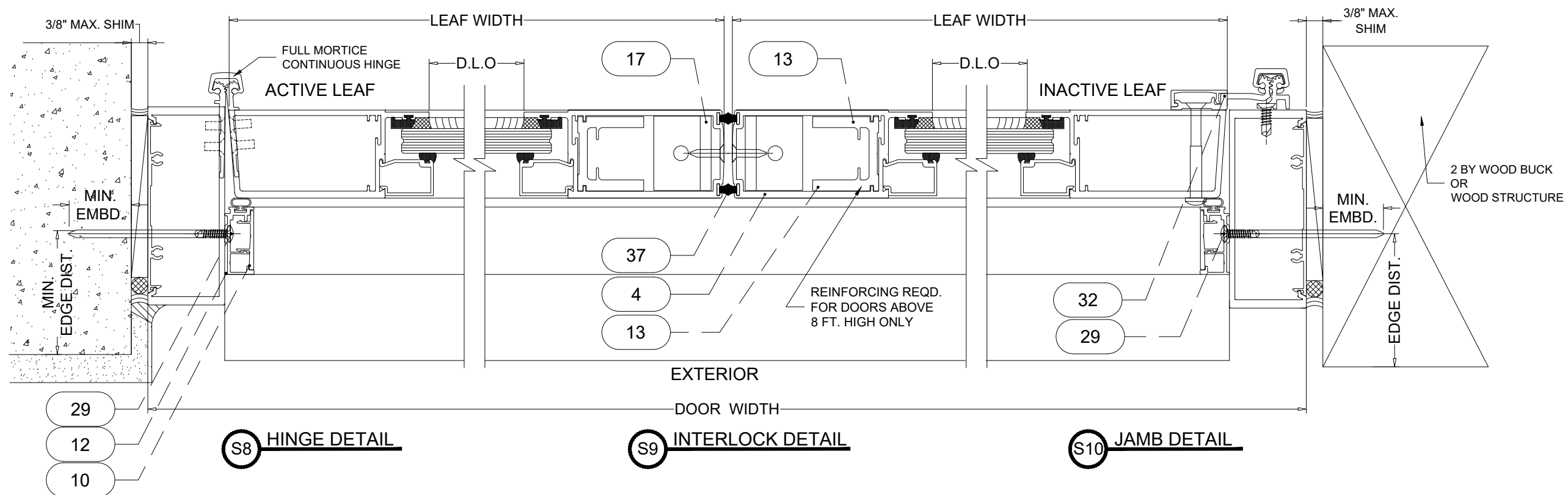
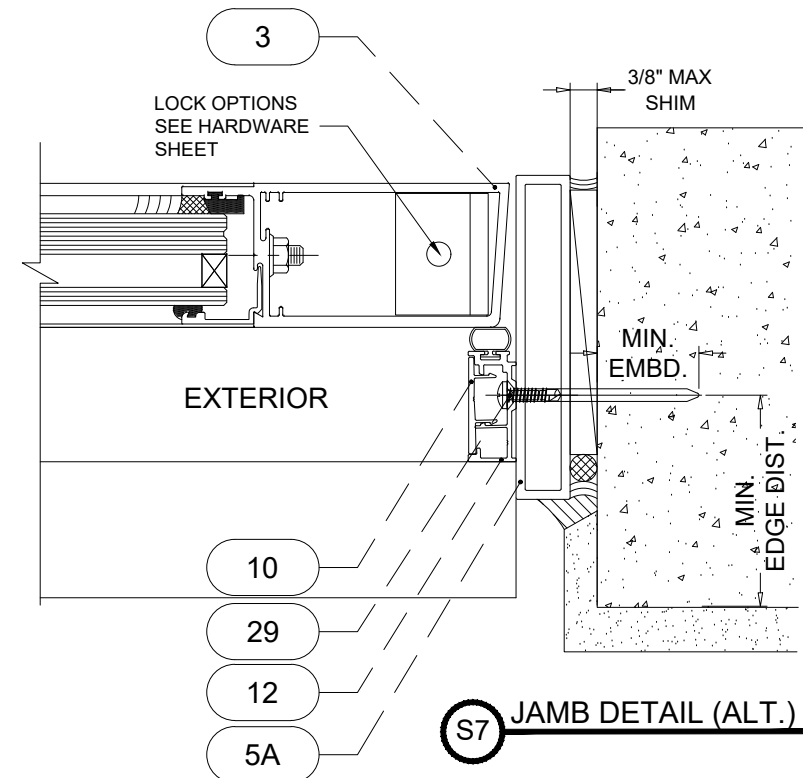
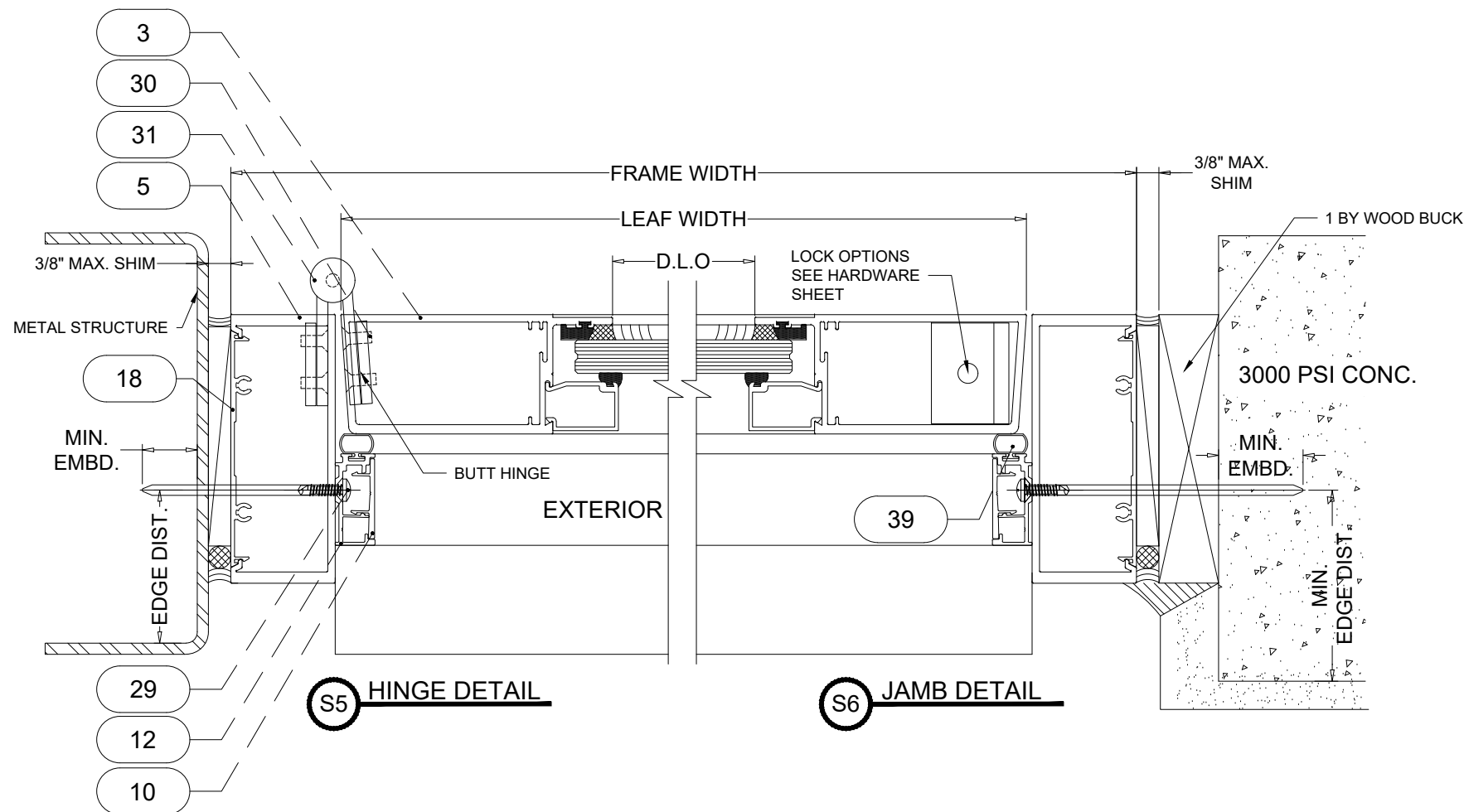


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SEC. DETAILS

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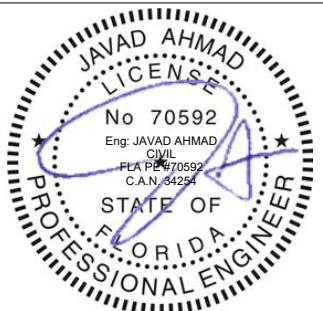
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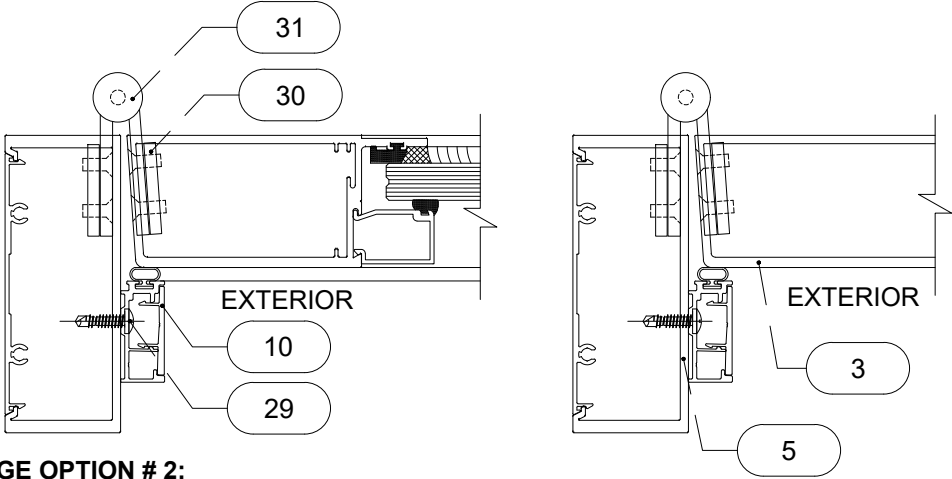
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SEC. DETAILS

SHEET No.
10 OF 15

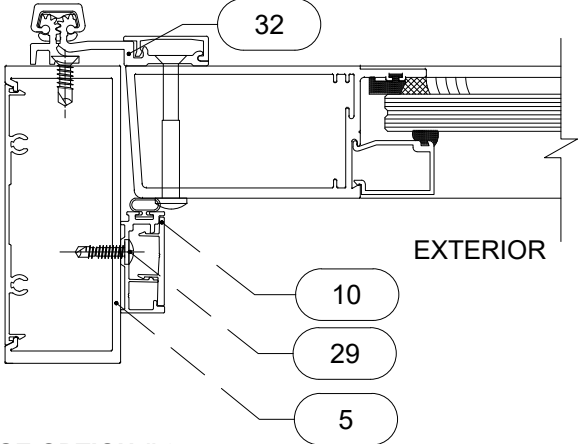
HINGE OPTION # 1:

4" X 4-1/2" X .130" THK. ST. STEEL KNUCKLE HINGE SERIES 4001 BY 'REGENT HARDWARE' OR SERIES FBB 191 BY 'STANLEY SECURITY SOLUTION' OR SERIES TA2314/TA2714 BY 'MCKINNEY ASSA ABLOY' 3 PER LEAF TOP/BOTTOM HINGE AT 7" FROM EACH END CENTER HINGE AT MIDSPAN FASTENED TO FRAME JAMB WITH (4) 12-24 X 1/2" FH MS DOOR STILE WITH (4) 12-24 X 1/2" FH MS



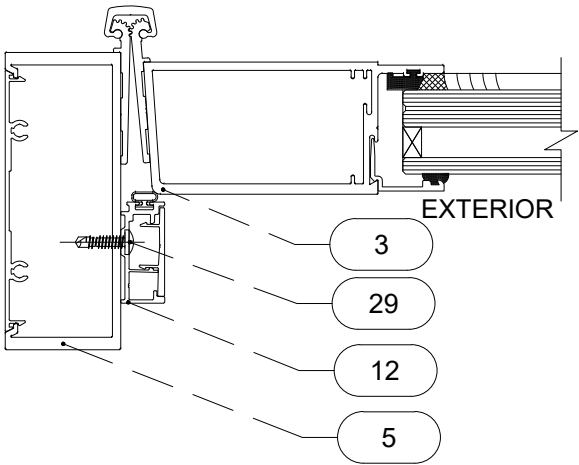
HINGE OPTION # 2:

CONTINUOUS GEAR ALUMINUM HINGE PEMKO-FS & SELECT SL-21 FASTENED TO FRAME JAMB WITH #12 X 3/4" FH SCREWS AT 6" O.C. DOOR STILE WITH #1/4 -20 X 1-1/4" FH MS WITH HEX BOLT AT 6" O.C.



HINGE OPTION # 3:

CONTINUOUS GEAR ALUMINUM HINGE 'PEMKO-FM' OR 'SELECT SL-11 & SL-18' FASTENED TO FRAME JAMB AND TO JAMB STILE WITH (22) #12-24 X 1/2" FH MS SCREWS.



BILL OF MATERIALS					
ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF / SUPPLIER / REMARKS
1	ENV-351	1/ LEAF	TOP RAIL	6063-T6	ENVIRALUM
2	ENV-352	1/ LEAF	BOTTOM RAIL	6063-T6	ENVIRALUM
2.1	ENV-3521	1/ LEAF	ALT.BOTTOM RAIL (10" HIGH)	6063-T6	ENVIRALUM
3	ENV-353	1/ LEAF	HINGE STILE	6063-T6	ENVIRALUM
4	ENV-354	1/ LEAF	LOCK STILE	6063-T6	ENVIRALUM
5	ENV-355	2/DOOR	FRAME JAMB	6063-T6	ENVIRALUM
5A	-	2/DOOR	ALT.FRAME JAMB	6063-T6	ENVIRALUM
6	ENV-356	1/DOOR	FRAME HEAD	6063-T6	ENVIRALUM
7	ENV-357	4/LITE	GLASS STOP (INSULATED GLASS)	6063-T6	ENVIRALUM
8	ENV-358	4/LITE	GLASS STOP (LAMINATED GLASS)	6063-T6	ENVIRALUM
9	ENV-359	AS REOD	ADA THRESHOLD RAMP	6063-T6	ENVIRALUM
9.1	ENV-3520	AS REOD	ADA THRESHOLD RAMP	6063-T6	ENVIRALUM
9.2	ENV-3507	AS REQD	RAMP THRESHOLD TYPE 3	6063-T6	ENVIRALUM
10	ENV-3510	AS REOD	THRESHOLD / DOOR STOP COVER	6063-T6	ENVIRALUM
10.1	ENV-3518	AS REOD	ALT. THRESHOLD COVER (HI-RISE)	6063-T6	ENVIRALUM
11	ENV-3511	1/DOOR	THRESHOLD	6063-T6	ENVIRALUM
11.1	ENV-3519	1/DOOR	ALT.THRESHOLD	6063-T6	ENVIRALUM
11.2	ENV-3526	1/DOOR	THRESHOLD TYPE 3	6063-T6	ENVIRALUM
12	ENV-3512	3/DOOR	DOOR STOP	6063-T6	ENVIRALUM
13	ENV-3513	AS REQD.	STILE REINFORCEMENT,REQD. FOR DOORS ABOVE 8 FT. HIGH	6063-T6	ENVIRALUM
14	ENV-3515	4/TRANSOM	TRANSOM SASH	6063-T6	ENVIRALUM
15	ENV-ST2	AS REQD.	1" x 4-1/8" x 1" x 3/16" THK. CHANNEL	STEEL	ENVIRALUM
16	ENV-3516	1/LEAF CORNER	SHEAR BLOCK	6063-T6	ENVIRALUM
17	ENV-GC01	2/LEAF	GUIDE CHANNEL FOR TOP & BOTTOM PIN	6063-T6	ENVIRALUM
18	ENV-454	AS REQD.	FLAT SNAP, 3" LONG	6063-T6	ENVIRALUM
19	ENV-3514	AS REQD.	MID-RAL (OPTIONAL)	6063-T6	ENVIRALUM
21	G04	AS REQD.	INTERIOR GASKET	EPDM	GLAZING RUBBER PRODUCTS
22	G06	AS REQD.	SPACER GASKET	EPDM	GLAZING RUBBER PRODUCTS
22A	G06	1/QUARTER POINT	SPACER GASKET, 1" LONG	EPDM	GLAZING RUBBER PRODUCTS
23	SB01	1/QUARTER POINT	3/8" x 1/2" x 2" SETTING BLOCKS, DUROMETER 80±5	EPDM	GLAZING RUBBER PRODUCTS
24	SB02	1/QUARTER POINT	3/8" x 1-1/4" x 2" SETTING BLOCKS, DUROMETER 80±5	EPDM	GLAZING RUBBER PRODUCTS
25	DOW 791	AS REQD.	GLAZING COMPOUND	SILICONE	DOWSIL
26	CE SCS2000	AS REQD.	GLAZING COMPOUND	SILICONE	GE MOMENTIVE
27	#12 x 1-1/2	4/CORNER	FRAME ASSEMBLY SCREWS	ST.STEEL	HWH SMS,AT 16" O.C.
28	#8 x 5/8"	AS REQD.	TRANSOM SASH SCREWS	ST.STEEL	AT 3" FROM ENDS & 12" O.C.
29	#8 x 5/8"	AS REQD.	DOORS TOP ASSEMBLY SCREWS. @ 3" FROM ENDS & 20"O.C.	ST.STEEL	HWH SMS
30	ENV-BP1	2/HINGE	HINGE BACKING PLATE,1-1/2" x 1/4" THK. x 8-3/8" LONG	ALUMINUM	-
31	-	AS REQD.	4-1/2" x 4" BUTT HINGES	ST.STEEL	-
32	SL-21	1/LEAF	CONT. GEAR HINGE	ALUMINUM	SELECT PRODUCTS LTD.
32A	PEMKO-FS	1/LEAF	CONT. GEAR HINGE	ALUMINUM	PEMKO
33	1/4-20 x 1"	10/LEAF	CORNER BLOCK ASSEMBLY	ST.STEEL	HEXHEAD BOLT W/ WASHER
34	G01	AS REQD.	FIXED INTERIOR GASKET	EPDM	GLAZING RUBBER PRODUCTS
37	WP1	AS REQD.	WOOL PILE W'STRIPPING	TRILOBAL YARN	ULTRAFAB
38	WP2	AS REQD.	WOOL PILE W'STRIPPING	TRILOBAL YARN	ULTRAFAB
39	BG1	AS REQD.	BULB W'STRIPPING,(.475 BULB W/FLAP x .270 BK.)	EPDM	ULTRAFAB
40	345	AS REQD.	DOOR BOTTOM	ALUMINUM	PEMKO



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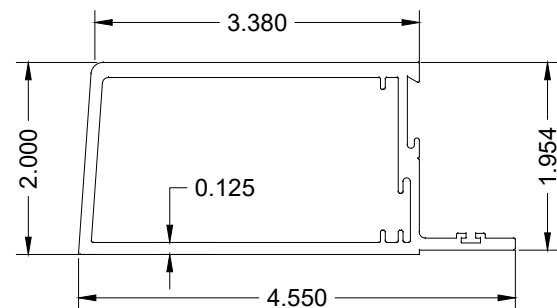


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HINGE DET.

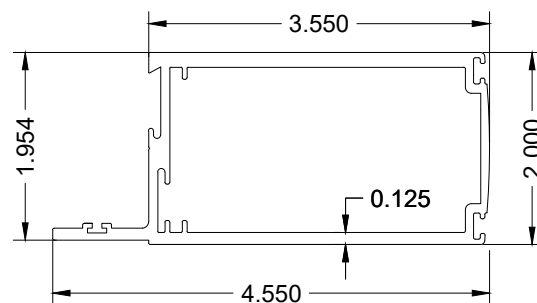
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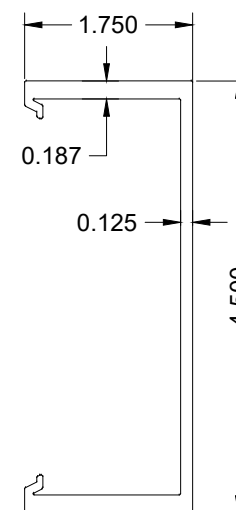
3 HINGE STILE

SCALE = 6" = 1'-0"

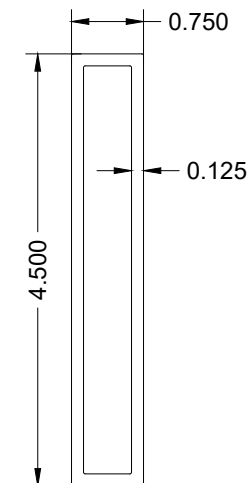


4 LOCK STILE

SCALE = 6" = 1'-0"

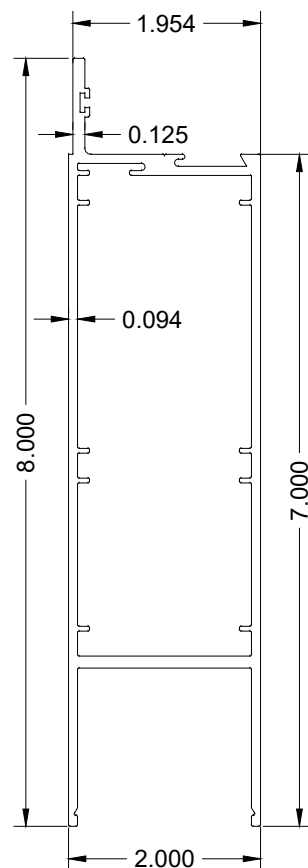


5 **FRAME JAMB**
SCALE = 6" = 1'-0"

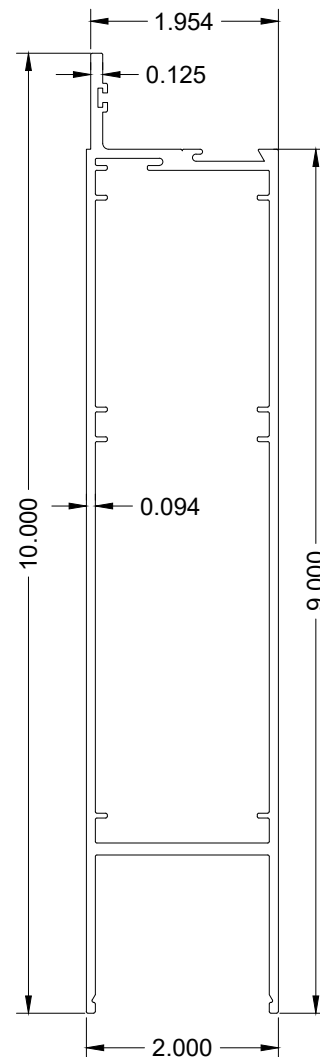


5A ALT.FRAME JAMB
SCALE = 6" = 1'-0"

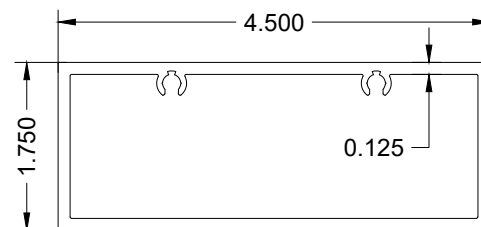
1 TOP/BOTTOM RAIL
SCALE = 6" = 1'-0"



2 BOTTOM RAIL
SCALE = 6" = 1'-0"

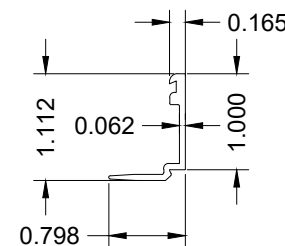


2.1 ALT. BOTTOM RAIL
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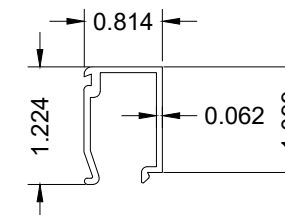


6 FRAME HEAD

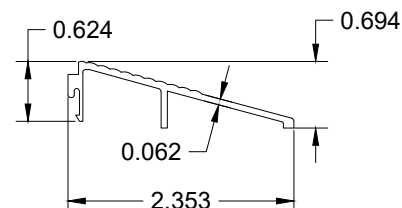
SCALE = 6" = 1'-0"



GLASS STOP
(INSUL. LAM. GLASS)
7 SCALE = 6" = 1'-0"

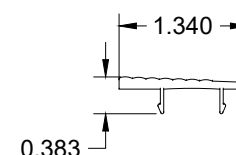


GLASS STOP
(LAM. GLASS)
8
SCALE = 6" = 1'-0"

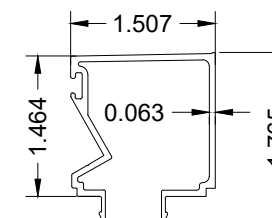


9 THRESHOLD RAMP

SCALE = 6" = 1'-0"



10 THRESHOLD / DOOR STOP COVER
SCALE = 6" = 1'-0"



10.1 ALT. THRESHOLD COVER
SCALE = 6" = 1'-0"



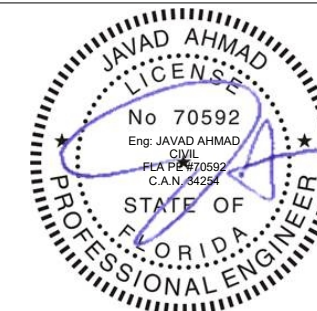
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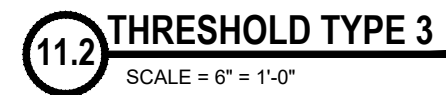
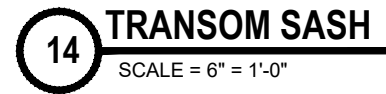
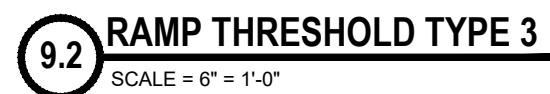
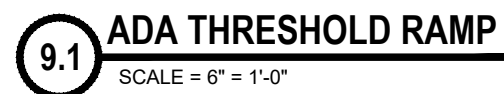
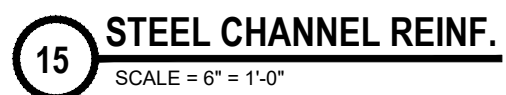
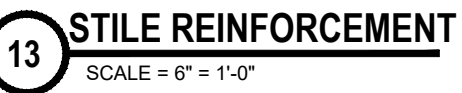


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