

GENERAL NOTES: (FLORIDA BUILDING CODE 2026 - 9TH EDITION - HVHZ)

1- DEFINITION: THIS PRODUCT IS A ROLLING TYPE DOOR; DESIGNED, CONSTRUCTED AND ERECTED TO EASILY ENCLOSE AN AREA, PROVIDING PROTECTION FROM HURRICANE FORCE WINDS WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL.

2- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2026 - 9TH EDITION UNDER THE TAS 201, TAS 202, TAS 203.

3- POSTING: A PERMANENT LABEL SHALL BE PROVIDED AS PER FBC AND IT SHALL BE LOCATED ON THE BOTTOM OF THE HOOD FACING THE EXTERIOR OR OUTSIDE AND A MINIMUM OF ONE LABEL PER OPENING.

4- LOADS: DESIGNED LOAD CALCULATED BASED ON THE ASCE 7-22 AND PROVIDED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE PRESSURES FOR EACH DOOR COMPONENT TO BE USED. THE ULTIMATE DESIGN PRESSURES ARE PERMITTED TO BE MULTIPLIED BY 0.6

5- MATERIAL: ALL EXTRUDED ALUMINUM SHAPES SHALL BE MADE OF 6063-T6 OR AS NOTED.

6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL.

7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:

- 7.1- THE STABILITY OF THE STRUCTURE WHERE THE DOOR IS TO BE ATTACHED INSURING PROPER ANCHORAGE.
- 7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, WIND LOADS, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.
- 7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.

8- DISCLAIMER: PPMF INC. HAS NO CONTROL IN THE MANUFACTURING AND/OR PERFORMANCE OF THIS PRODUCT. THESE GENERIC PLANS WERE ENGINEERED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES AND TEST DATA PROVIDED BY THE MANUFACTURER.

9- THE ROLL-UP MECHANISM (GEARS, MOTORS, SUPPORTING END PLATES) ARE NOT PART OF THIS APPROVAL. MANUFACTURER ARE RESPONSIBLE TO SPECIFY THESE COMPONENTS FOR PROPER DOOR OPERATION.

10- LIMITATIONS:

- 10.1- WHEN REQUIRED PRODUCT MUST BE INSTALLED OFFSET FROM GLAZING PRODUCTS AS INDICATED PER TABLE 1.
- 10.2- SITE SPECIFIC FOR CORROSION RESISTANCE ALTERNATE ANCHORAGE AS PER FBC 2026 SECTION 1711 ARE REQUIRED FOR PROJECTS LOCATED WITHIN 3000 FEET OF A SALTWATER COASTLINE. ANCHORS MUST COMPLY WITH SECTIONS 1711.1.1 AND 1711.1.2.

DESIGN SCHEDULE	
COMPONENT	SHEET
SLAT ALLOWABLE PRESSURE - TABLE 1	1
TRACK REACTION - TABLE 2	1
TRACK ANCHORAGE	4, 5, 6
MULLION	7, 8
NOTES:	
1- ALLOWABLE DESIGNED PRESSURE ARE FUNCTION OF THE LOWEST ALLOWABLE DESIGNED LOAD FOR EACH COMPONENT (SLATS, ANCHORAGE & MULLIONS)	
2- DESIGNED PRESSURES MUST NOT EXCEED 120 PSF.	
3- TRACK TO TRACK DIMENSION (TT) MUST NOT EXCEED 287 1/16".	

TABLE 1
ALLOWABLE DESIGNED PRESSURE

FW MAX. (IN)	TT MAX. (IN)	DESIGN RATING (PSF)	GS MIN. (IN)
293 3/8	287 1/16	±30	27 1/4
278 1/16	271 3/4	±40	27 1/4
262 9/16	256 1/4	±50	27 1/4
246 15/16	240 5/8	±60	27 1/4
231	224 11/16	±70	22
222 5/16	216	±75	22
216 5/16	210	±79	22
210 5/16	204	±83	22
204 5/16	198	±87	22
198 5/16	192	±90	22
192 5/16	186	±94	22
186 5/16	180	±98	15 5/8
180 5/16	174	±102	15 5/8
174 5/16	168	±105	15 5/8
168 5/16	162	±109	15 5/8
162 5/16	156	±113	15 5/8
156 5/16	150	±116	15 5/8
150 5/16	144	±120	14 3/8

GLASS SEPARATION (GS):

PRODUCT IS QUALIFIED AS "NON POROUS", THEREFORE GLAZING SEPARATION IS NOT REQUIRED WITH EXCEPTION FOR THE FOLLOWING LOCATIONS:
1 - HIGH VELOCITY HURRICANE ZONES (HVHZ MIAMI-DADE & BROWARD COUNTIES)
2- WIND ZONE 4 AS DEFINED IN ASTM E 1996
3- ESSENTIAL FACILITIES AS DEFINED IN ASCE 7

CODE AND STANDARD COMPLIANCE:
FLORIDA BUILDING CODE 2026- 9TH EDITION
(HVHZ & non HVHZ)
TAS 201, TAS 202, TAS 203 (LARGE MISSILE)
ASCE 7-22, ADM-20

TABLE 2
TRACK REACTIONS

LOAD psf	TRACK TO TRACK (TT)											
	144		162		180		204		224-11/16		287-1/16	
	VX	VY	VX	VY	VX	VY	VX	VY	VX	VY	VX	VY
20	0	122	0	137	332	152	777	172	1104	189	1148	241
30	0	183	373	205	796	228	1149	258	1428	283	1148	361
40	254	243	691	273	1152	303	1306	343	1494	378		
50	448	304	897	342	1370	379	1410	429	1555	472		
60	603	365	1005	410	1439	455	1460	515	1599	567		
70	728	426	1005	478	1341	531	1533	601	1739	661		
80	832	487	1005	547	1341	607	1592	687				
83	812	504	1007	567	1348	629	1672	712				
90	763	548	1029	615	1365	683						
98	722	596	1050	670	1431	743						
100	711	608	1055	683								
109	762	663	1149	745								
110	768	669										
120	818	730										

Pedro Figueiredo

Digitally signed by Pedro Figueiredo
Date: 2026.08.28 13:51:04 -04'00'

DIGITALLY SIGNED FOR 10 PAGES

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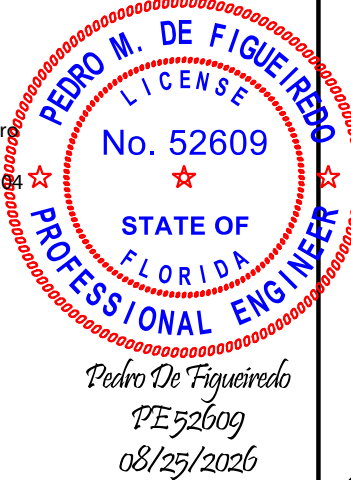
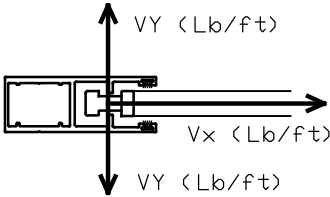


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3	PRODUCT COMPONENTS AND SLAT END RETENTION LAY-OUT
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5	TABLE A2 AND A2.1 INSET MOUNT TRACK ANCHORAGE WITH ONE OR TWO TUBES
6	TABLE A3 AND A3.1 BUILT OUT MOUNT TRACK ANCHORAGE WITH 2X3 AND 3X3 TUBES
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9	HOOD ASSEMBLY
10	FBC 2026 SECTION 1711.1 CORROSION RESISTANCE OF FASTENERS



CONTRACTOR TO VERIFY ADEQUACY OF STRUCTURE FOR MAXIMUM IMPOSED LOADS VY AND Vx

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PE 52609

PRODUCT:
ES55 SUP
ROLLING DOOR
LARGE & SMALL MISSILE
IMPACT RATED

CROCI
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11600 ADELMO LANE FORT MYERS, FL 33966
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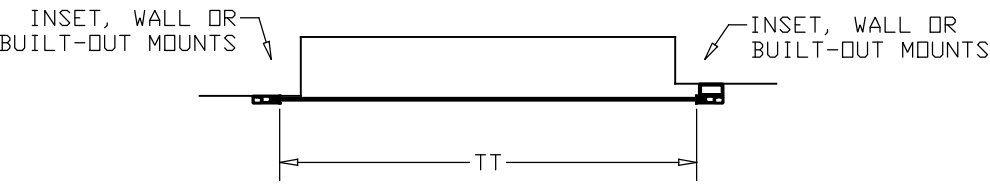
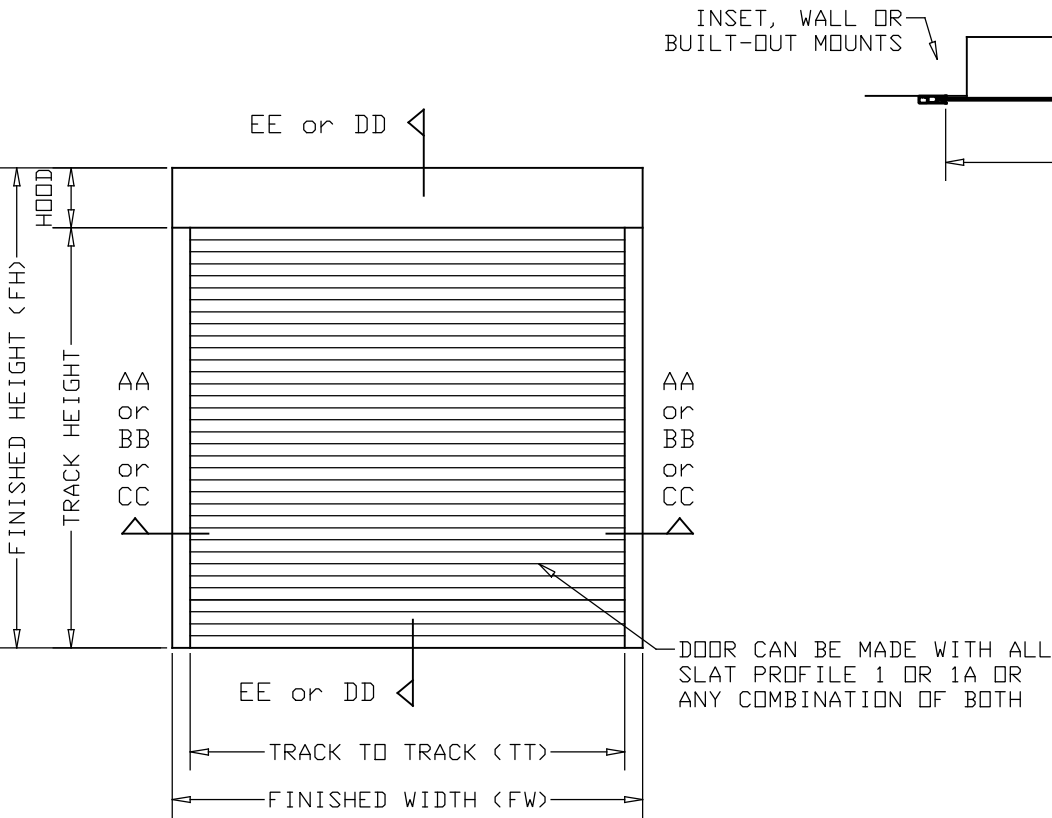
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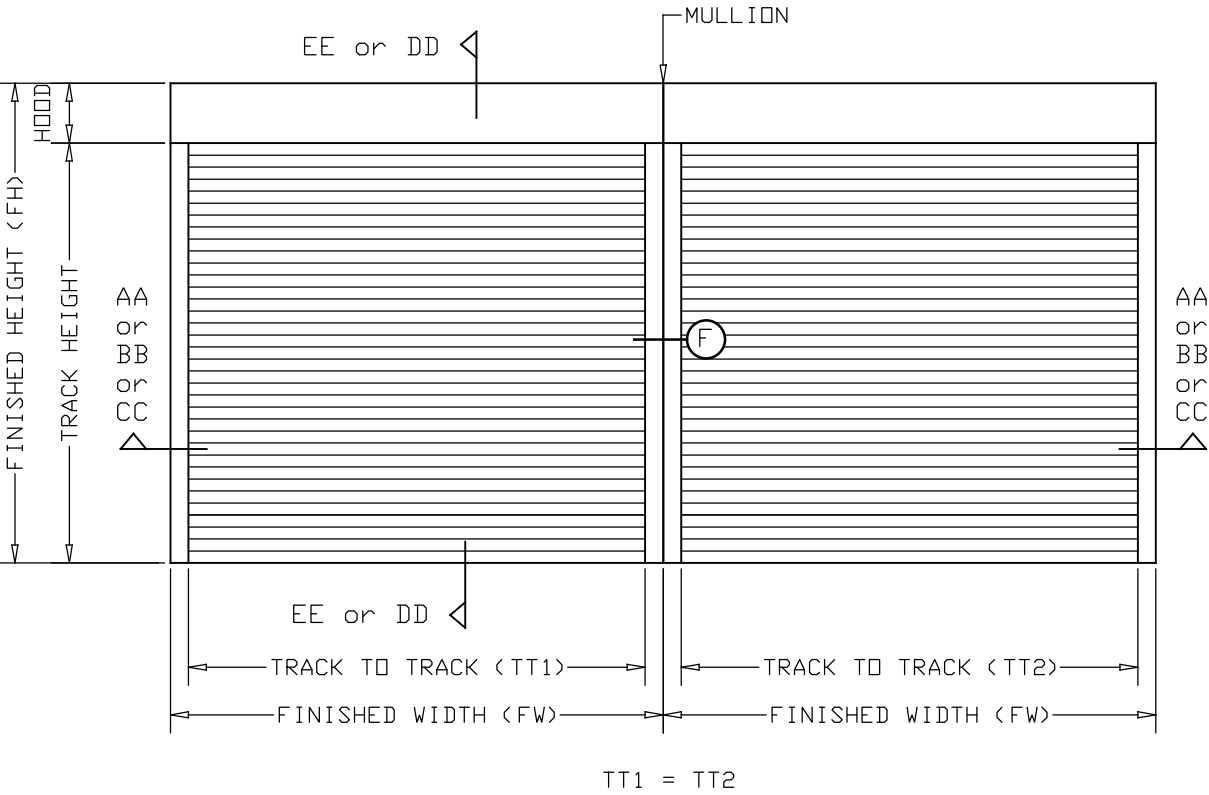
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SHEET
1 OF 10

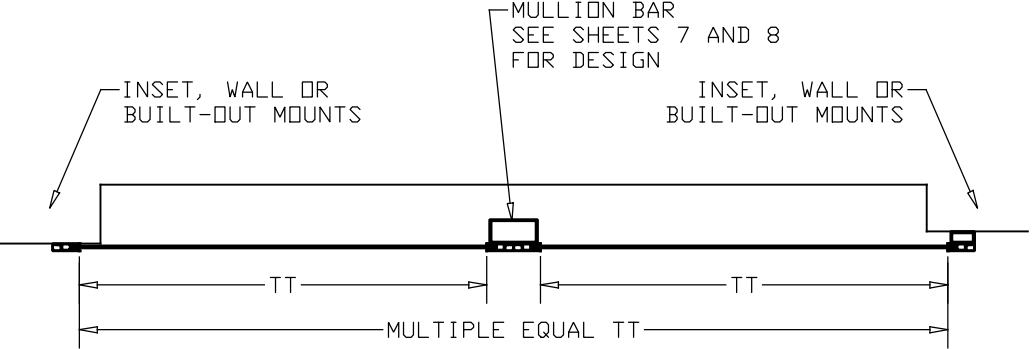
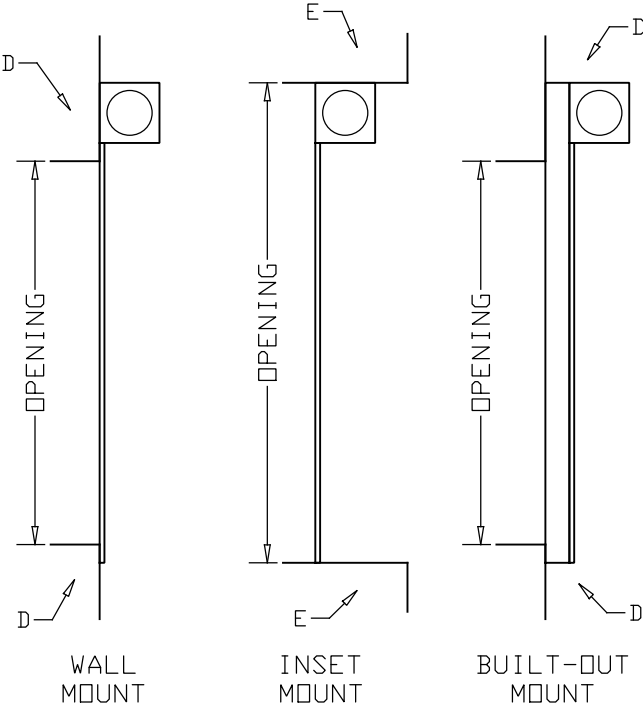
TYPICAL SINGLE UNIT ELEVATION



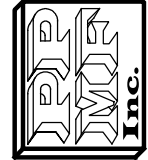
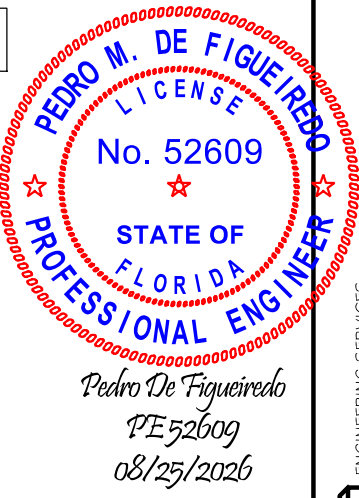
TYPICAL MULTIPLE UNITS ELEVATION



$TT1 = TT2$



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E555 SUP
ROLLING DOOR
LARGE & SMALL MISSILE
IMPACT RATED

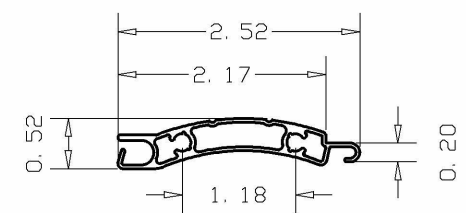


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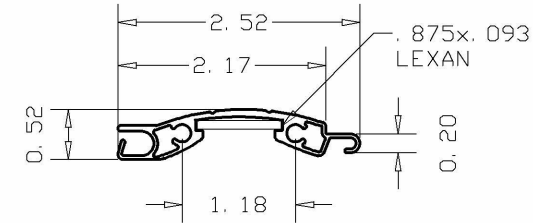
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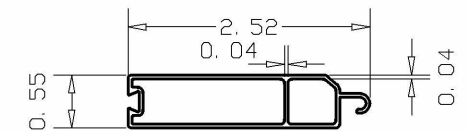
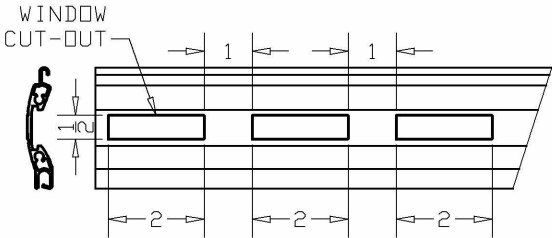
PRODUCT COMPONENTS



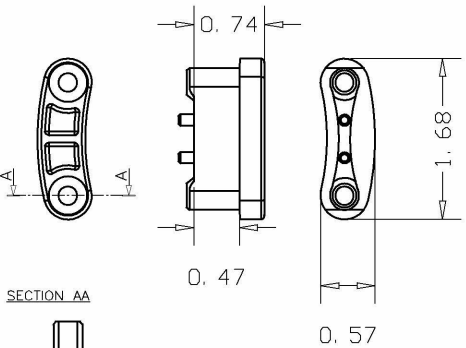
1- ES55 SUP SLAT
EXTRUDED ALUMINUM 6063-T6



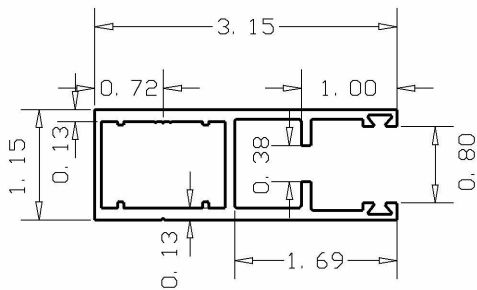
1A- ES55 LEX W/LEXAN INSERT
EXTRUDED ALUMINUM 6063-T6



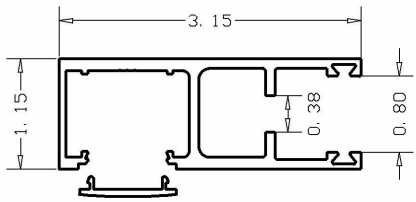
2- TE14X56U END SLAT
6063-T6 EXTRUDED ALUMINUM



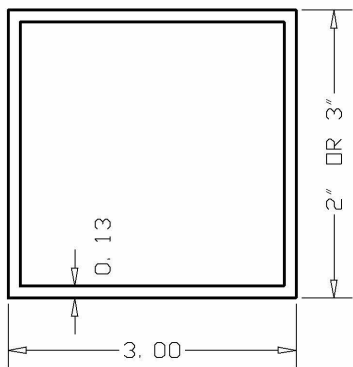
4- NYLON SLAT LOCK



5- GE4580 SUP
3\"/>



5A- GE4580SNAP AND SNAPCVR
ALTERNATE 3\"/>



6- 1/8-3X3 TUBE OR
6A- 1/8-2X3 TUBE
EXTRUDED ALUMINUM 6063-T6

SLAT END RETENTION LAY-OUT

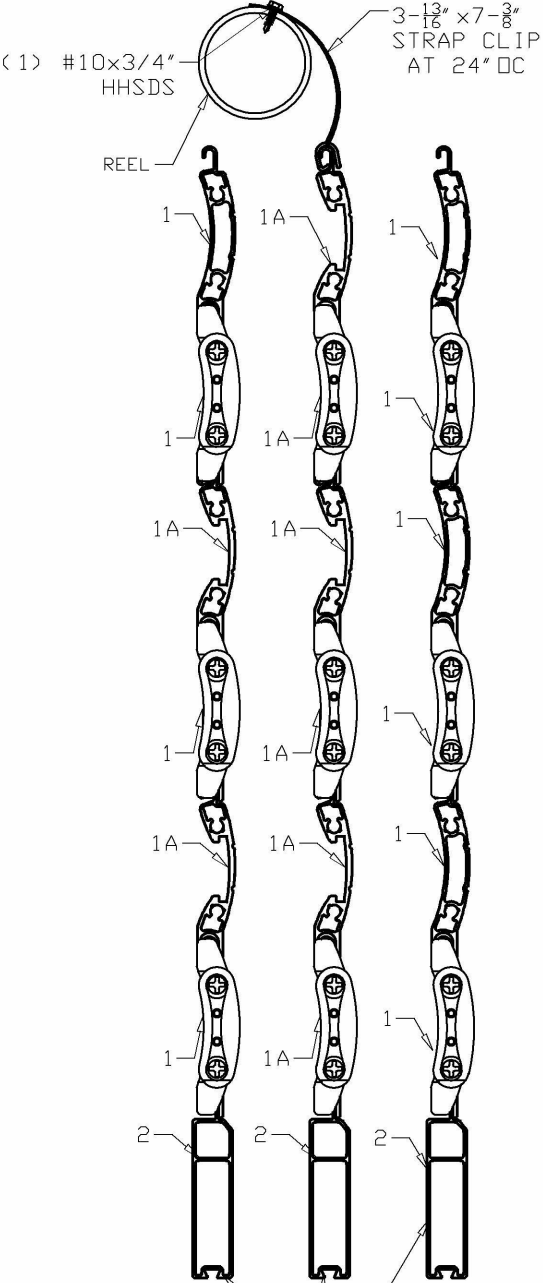
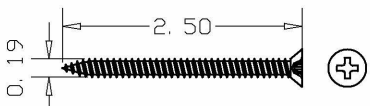
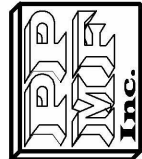


ILLUSTRATION ONLY
DOOR CAN BE MADE WITH ALL
SLAT PROFILE 1 OR 1A OR
ANY COMBINATION OF BOTH



3- SLAT RETENTION SCREW
#10x2-1/2\"/>

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ES55 SUP
ROLLING DOOR
LARGE # SMALL MISSILE
IMPACT RATED



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TYPICAL VERTICAL SECTIONS

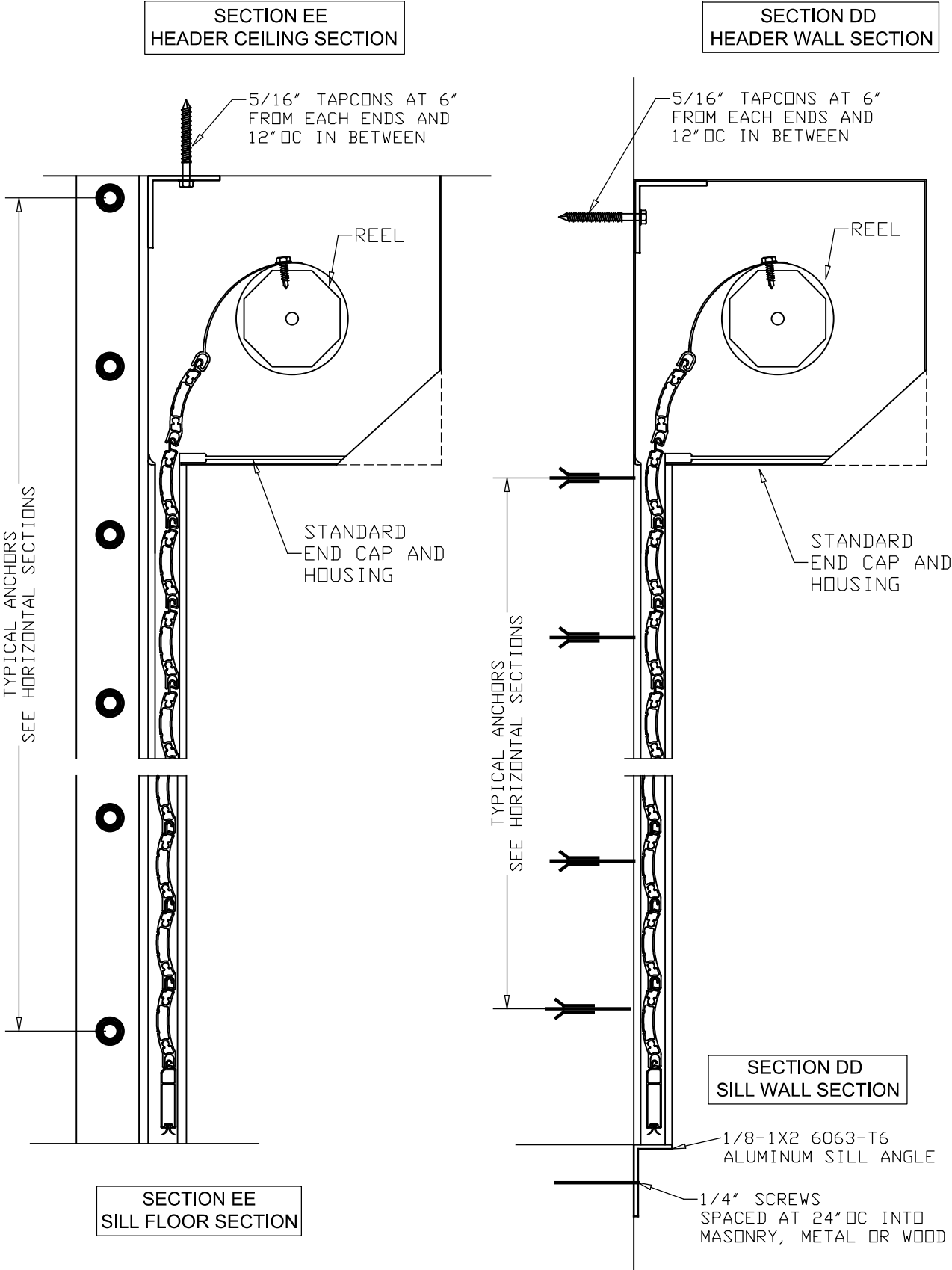
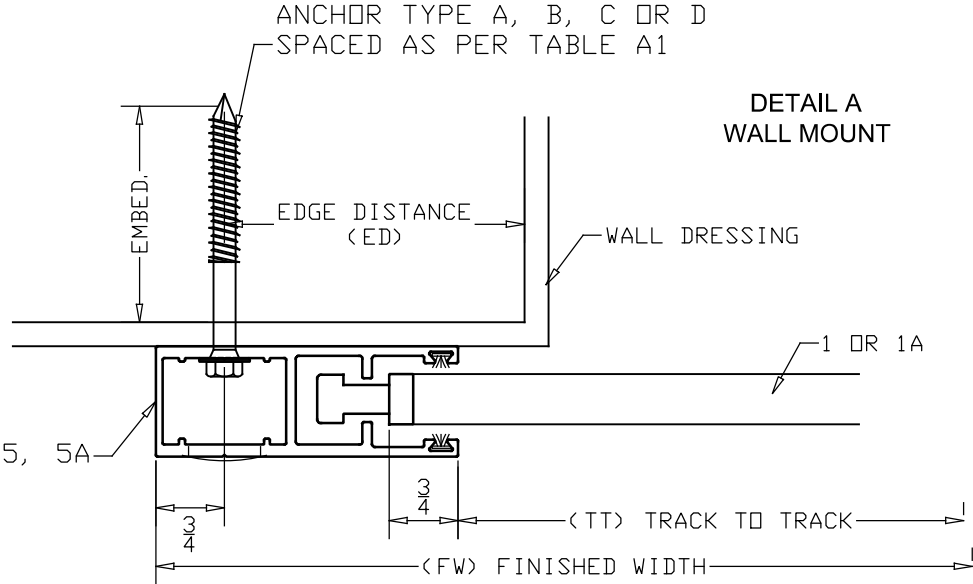


TABLE A1
SPACING ON CENTER FOR WALL MOUNT INSTALLATION

LOAD Psf	TRACK TO TRACK															
	144				162				180				204			
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
20	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	3
30	6	6	6	6	6	6	6	6	6	6	5	3	5	5	4	-
40	6	6	6	6	6	6	6	5	6	6	5	3	6	5	4	3
50	6	6	6	6	6	6	6	4	5	5	4	-	5	5	4	-
60	6	6	6	5	6	6	5	3	5	5	4	-	5	5	4	-
70	6	6	5	4	6	6	4	3	5	5	4	-	4	4	3	-
80	6	6	5	4	5	5	4	3	4	4	3	-	4	4	3	-
83	6	6	4	4	5	5	4	3	4	4	3	-	4	4	3	-
90	5	6	4	3	4	5	4	3	4	4	3	-				
98	5	5	4	3	4	4	3	3	4	4	3	-				
100	5	5	4	3	4	4	3	3								
109	4	5	3	3	4	4	3									
120	4	5	3	3												



ANCHOR SCHEDULE:				
ANCHOR	DESCRIPTION	MATERIAL	EMBEDMENT	EDGE DISTANCE
A	5/16" ITW TAPCONS	MIN. 2899 psi CONCRETE	2 1/4"	3 1/8"
B	5/16" ITW TAPCONS	GROUT FILLED C-90 BLOCK	2 1/4"	4"
C	1/4"-14X1" GRADE 5 SELF DRILLING SCREWS	MIN. 1/4" 6063-T6 ALUM. OR A36 1/8" STEEL		1/2"
D	5/16" X3" TAPCONS	WOOD WITH G>= .55	2 1/4"	1-1/4"
E	3/8" POWERS WEDGE BOLT	MIN. 3000 psi CONCRETE	3 1/2"	4-1/2"

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PE Inc.

PRODUCT:
ES55 SUP
ROLLING DOOR
LARGE & SMALL MISSILE
IMPACT RATED



MANUFACTURER:
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SCALE:
NA

DATE:
08/25/2026

DRAWING #
26-169

SHEET
4 OF 10

TABLE A2
SPACING ON CENTER FOR ONE ANGLE INSET MOUNT INSTALLATION

LOAD Psf	TRACK TO TRACK															
	144				162				180				204			
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
20	6	6	6	6	6	6	6	6	6	6	6	6	4	5	3	4
30	6	6	6	6	6	6	6	6	4	4	3	4	-	-	-	-
40	6	6	6	6	4	4	3	4	-	-	-	3	-	-	-	-
50	5	6	4	5	-	-	-	3	-	-	-	-	-	-	-	-
60	4	4	3	4	-	-	-	-	-	-	-	-	-	-	-	-
70	-	4	3	3	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
83	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

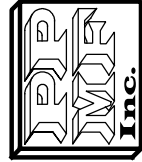
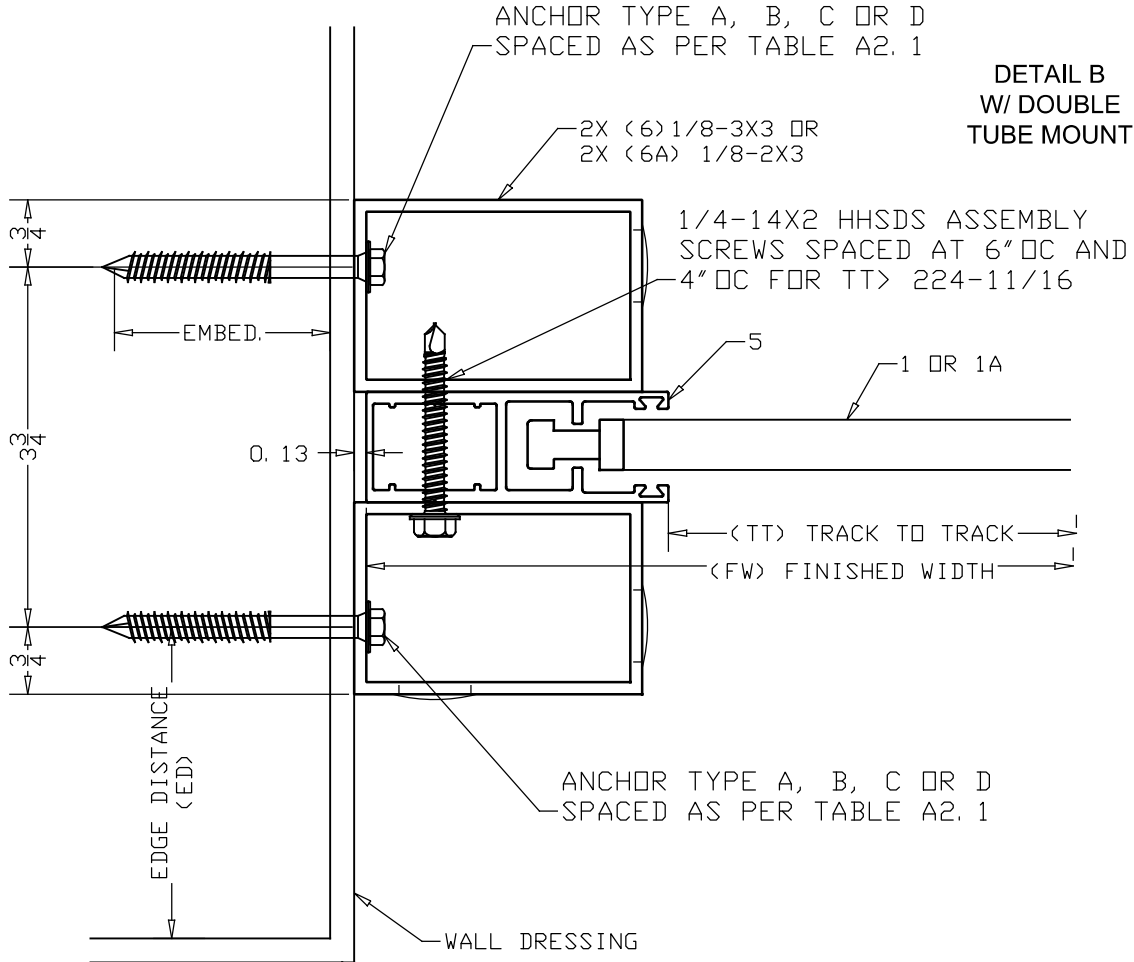
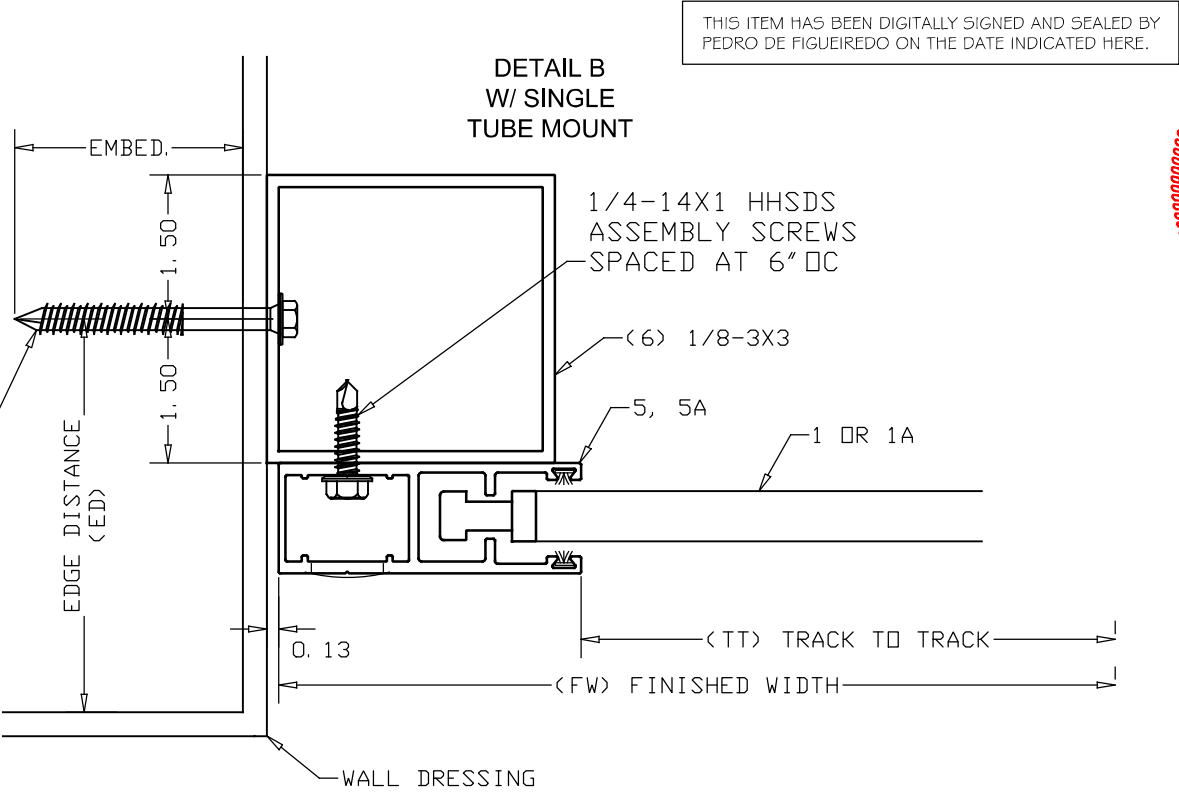
ANCHOR TYPE A, B, C OR D
SPACED AS PER TABLE A2 OR
ANCHOR TYPE E SPACED AT 5" OC
WITH TT×PRESSURE TABLE BELOW:

ANCHOR TYPE E SPACED AT 5" OC						
TT < IN>	144	162	180	204	224 $\frac{11}{16}$	287 $\frac{1}{16}$
LOAD < PSF>	120	109	90	70	60	30

ANCHOR SCHEDULE:				
ANCHOR	DESCRIPTION	MATERIAL	EMBEDMENT	EDGE DISTANCE
A	5/16" ITW TAPCONS	MIN. 2899 psi CONCRETE	2 1/4"	3 1/8"
B	5/16" ITW TAPCONS	GROUT FILLED C-90 BLOCK	2 1/4"	4"
C	1/4"-14X1" GRADE 5 SELF DRILLING SCREWS	MIN. 1/4" 6063-T6 ALUM. OR A36 1/8" STEEL		1/2" 3/8"
D	5/16" X3" TAPCONS	WOOD WITH G>=.55	2 1/4"	1-1/4"
E	3/8" POWERS WEDGE BOLT	MIN. 3000 psi CONCRETE	3 1/2"	4-1/2"

TABLE A2.1
SPACING ON CENTER FOR ONE ANGLE INSET MOUNT INSTALLATION

LOAD Psf	TRACK TO TRACK															
	144				162				180				204			
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
20	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
30	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
40	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
50	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
60	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
70	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5
80	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5
83	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5
90	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
98	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5
100	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
109	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
120	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6



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ES55 SUP
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SHEET
5 OF 10

TABLE A3
SPACING ON CENTER FOR 1/8-2X3 BUILT-OUT MOUNT INSTALLATION

LOAD Psf	TRACK TO TRACK																							
	144				162				180				204				224-11/16				287-1/16			
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
20	6	6	6	6	6	6	6	6	6	6	6	6	4	5	3	3	-	-	-	-	-	-	-	-
30	6	6	6	6	6	6	6	6	4	4	3	3	-	-	-	-	-	-	-	-	-	-	-	-
40	6	6	6	6	5	5	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	6	6	6	5	-	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	5	6	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	4	5	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	4	4	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83	4	4	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90	4	4	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98	4	4	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100	4	4	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	4	4	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	4	4	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ANCHOR SCHEDULE:				
ANCHOR	DESCRIPTION	MATERIAL	EMBEDMENT	EDGE DISTANCE
A	5/16" ITW TAPCONS	MIN. 2899 psi CONCRETE	2 1/4"	3 1/8"
B	5/16" ITW TAPCONS	GROUT FILLED C-90 BLOCK	2 1/4"	4"
C	1/4"-14X1" GRADE 5 SELF DRILLING SCREWS	MIN. 1/4" 6063-T6 ALUM. OR A36 1/8" STEEL		1/2"
D	5/16" X3" TAPCONS	WOOD WITH G>= .55	2 1/4"	1-1/4"
E	3/8" POWERS WEDGE BOLT	MIN. 3000 psi CONCRETE	3 1/2"	4-1/2"

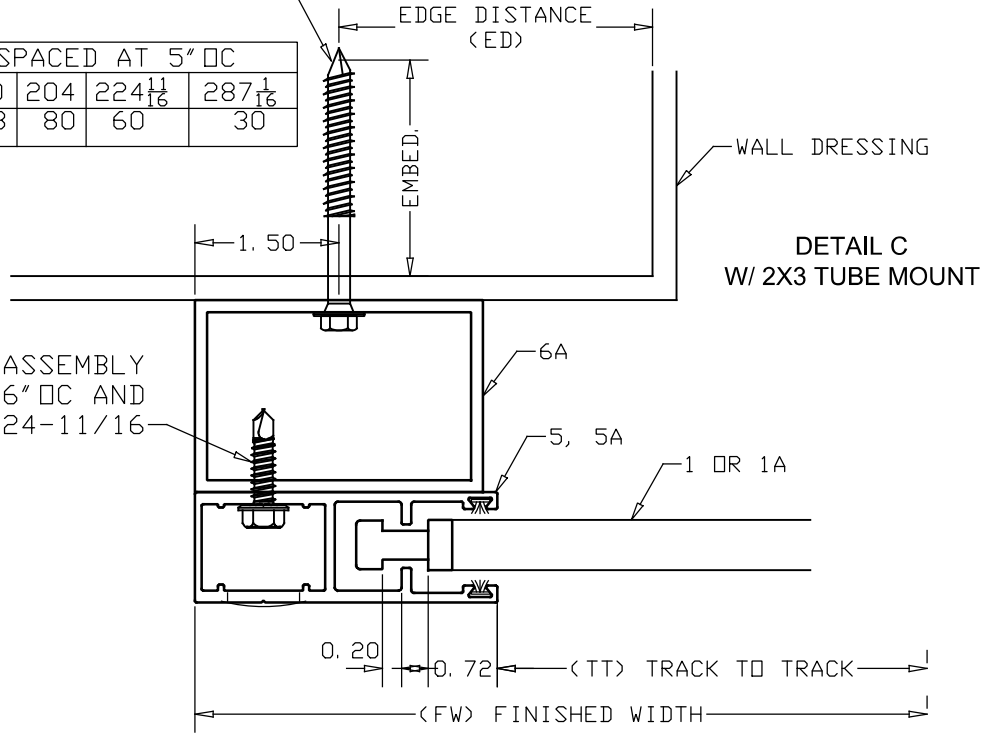
TABLE A3.1
SPACING ON CENTER FOR 1/8-3X3 BUILT-OUT MOUNT INSTALLATION

LOAD Psf	TRACK TO TRACK																							
	144				162				180				204				224-11/16				287-1/16			
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
20	6	6	6	6	6	6	6	6	6	6	6	6	-	4	3	3	-	-	-	-	-	-	-	-
30	6	6	6	6	6	6	6	6	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
40	6	6	6	6	4	4	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	6	6	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	4	5	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	4	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ANCHOR TYPE A, B, C OR D
SPACED AS PER TABLE A3 OR
ANCHOR TYPE E SPACED AT 5" OC
WITH TTxPRESSURE TABLE BELOW:

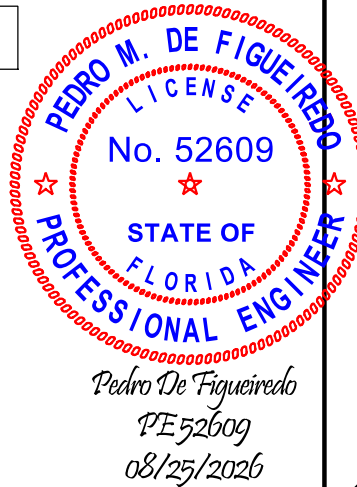
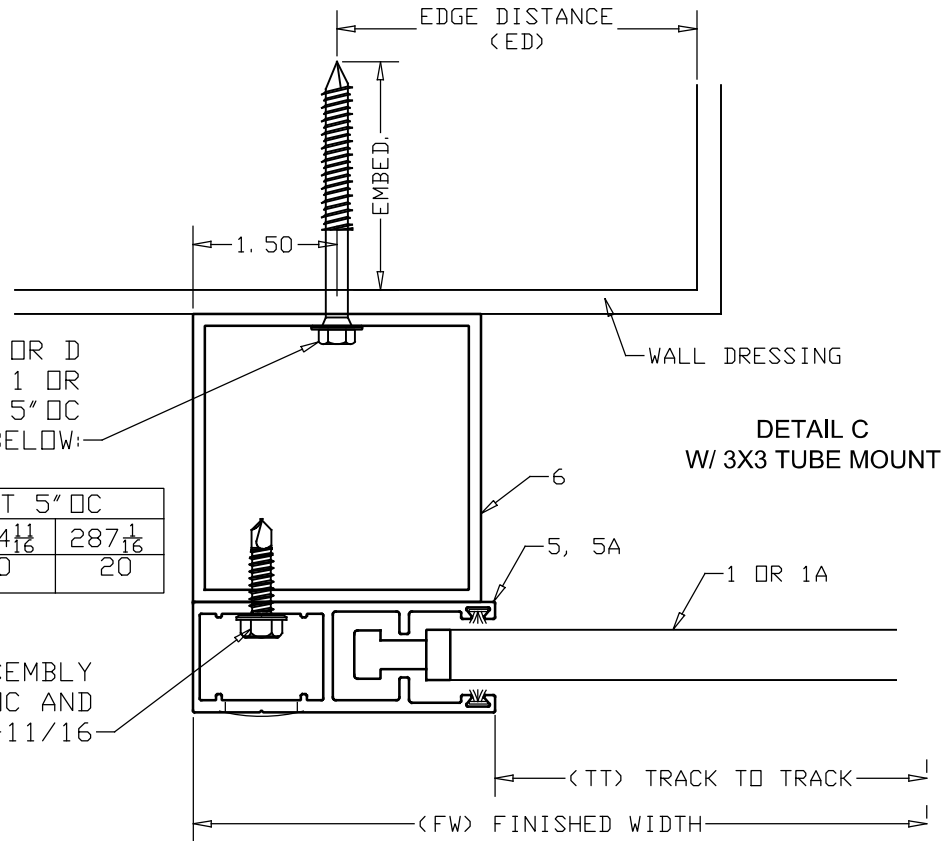
ANCHOR TYPE E SPACED AT 5" OC						
TT (IN)	144	162	180	204	224 ¹¹ / ₁₆	287 ¹ / ₁₆
LOAD (PSF)	120	109	98	80	60	30

1/4-14X1 HHSDS ASSEMBLY
SCREWS SPACED AT 6" OC AND
4" OC FOR TT> 224-11/16



ANCHOR TYPE E SPACED AT 5" OC						
TT (IN)	144	162	180	204	224 ¹¹ / ₁₆	287 ¹ / ₁₆
LOAD (PSF)	120	109	83	40	30	20

1/4-14X1 HHSDS ASSEMBLY
SCREWS SPACED AT 6" OC AND
4" OC FOR TT> 224-11/16



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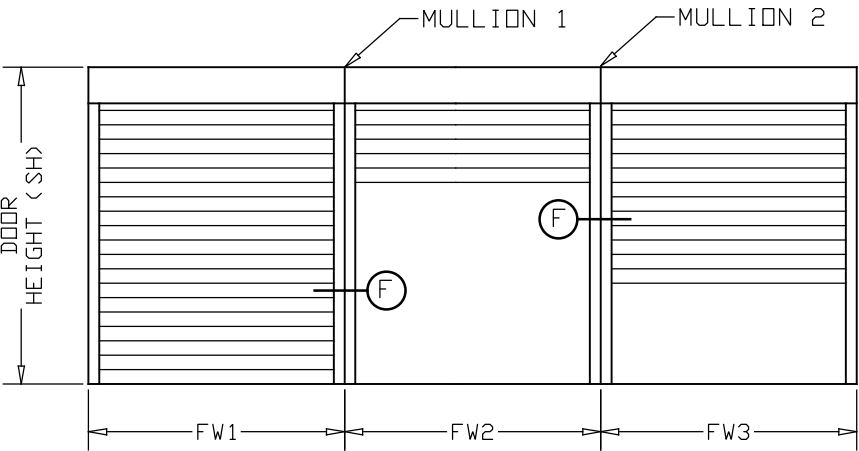
PRODUCT:
ES55 SUP
ROLLING DOOR
LARGE & SMALL MISSILE
IMPACT RATED



MANUFACTURER:
CROCI
NORTH AMERICA
11600 ADELMO LANE FORT MYERS, FL 33966
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EMAIL: INFO@CROCIUSA.COM

SCALE:
NA
DATE:
08/25/2026
DRAWING #
26-169
SHEET
6 OF 10

EQUALLY SPACED MULLIONS SELECTION



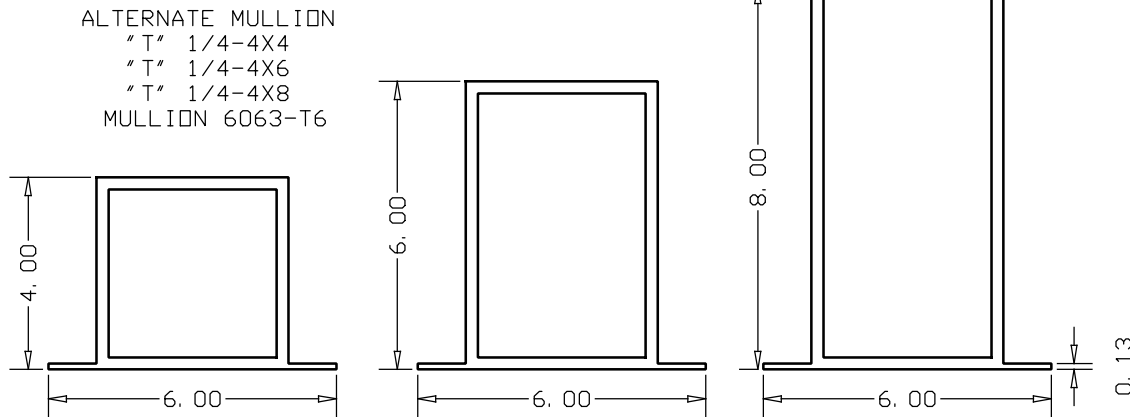
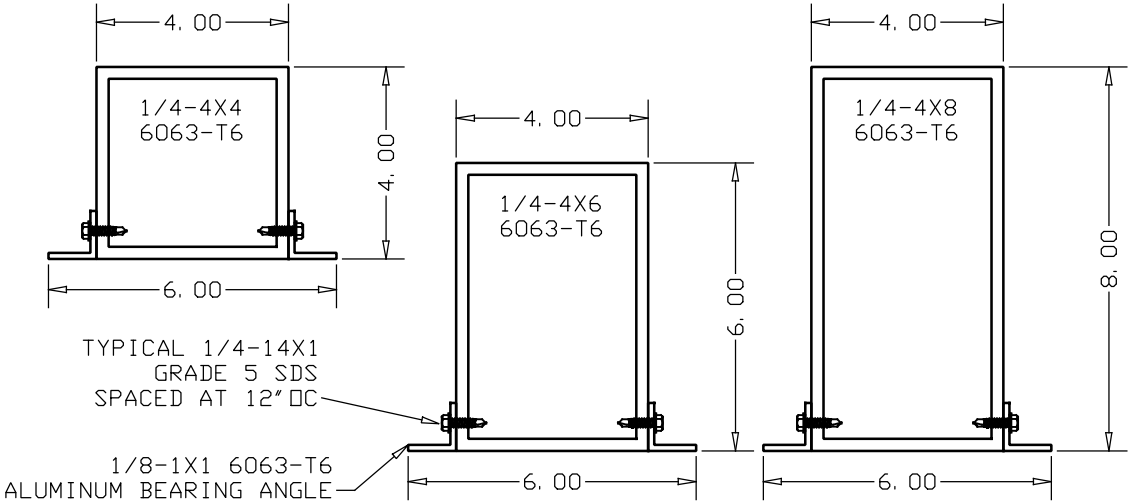
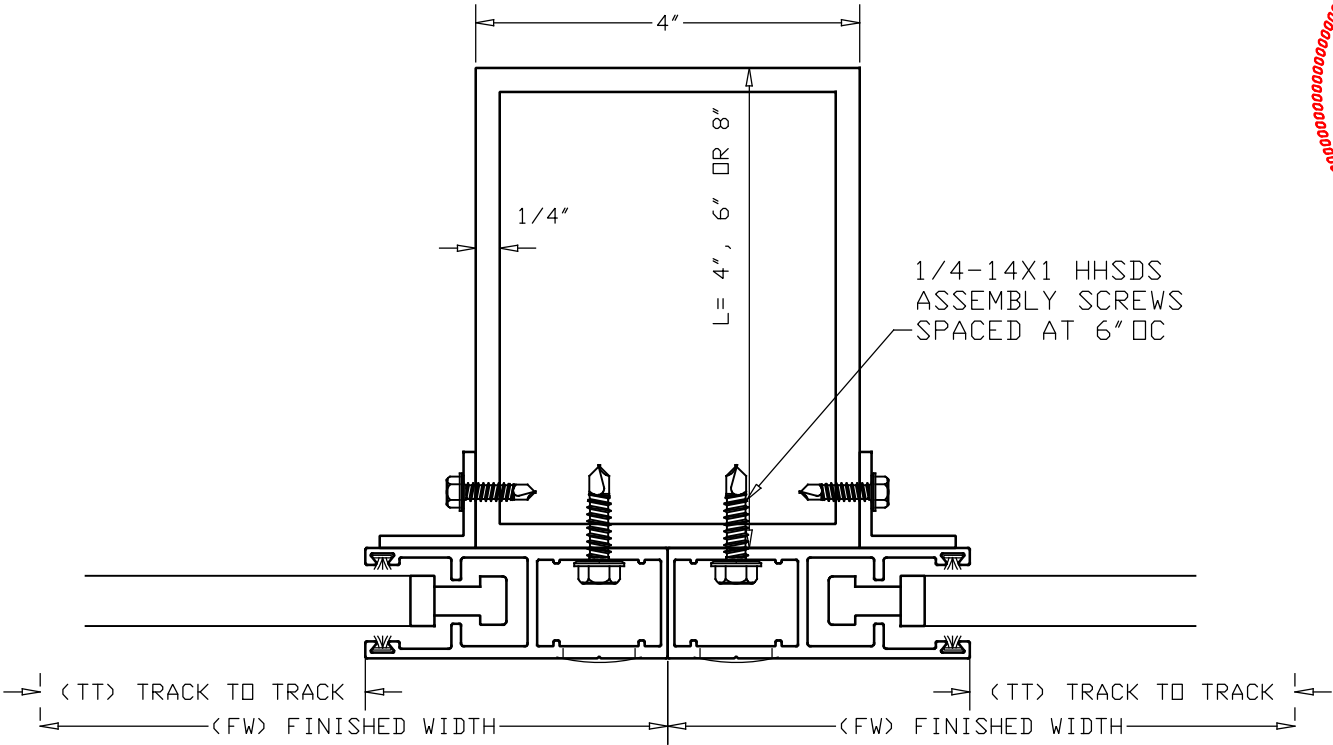
MULLION 1: $TM1 = (FW1 + FW2) / 2$
MULLION 2: $TM2 = (FW2 + FW3) / 2$
TM: TRIBUTARY MODULE

MULLION BARS SELECTION TABLES (PSF)

DOOR MODULE	MULLION TYPE & MAX. HEIGHT								
	1/4-4x8			1/4-4x6			1/4-4x4		
231	51	61	70	36	50	63	18	26	40
211	55	67	83	39	54	69	20	29	43
199	59	71	88	42	58	73	21	31	46
181	65	78	97	46	63	81	24	34	51
169	69	84	104	49	68	86	25	36	54
157	75	90	112	53	73	93	27	39	58
151	78	94	116	55	76	97	28	41	61

NOTES:
1- MULLIONS WERE DESIGNED BY RATIONAL ANALYSIS BASED ON THE ALUMINUM DESIGN MANUAL 2015 ED. AND THE FLORIDA BUILDING CODE.
2- DEFLECTION CRITERIA: MAXIMUM SPAN /180
3- VALUES ABOVE IS APPLICABLE ONLY FOR EQUAL MODULES FW1=FW2=FW3.
4- UNEQUAL MODULES ARE TO BE DESIGNED BY RATIONAL ANALYSIS IN A CASE BY CASE BASIS.

MULLIONS SECTIONS (DETAIL F)



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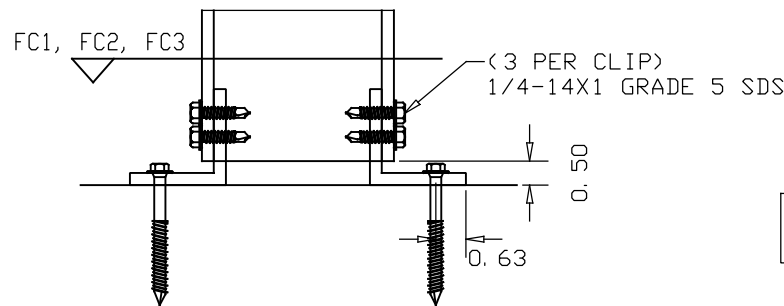
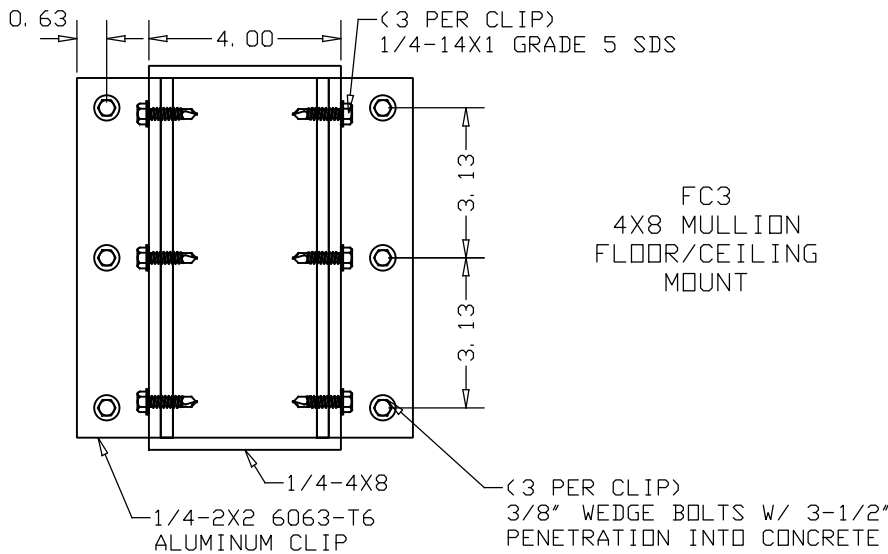
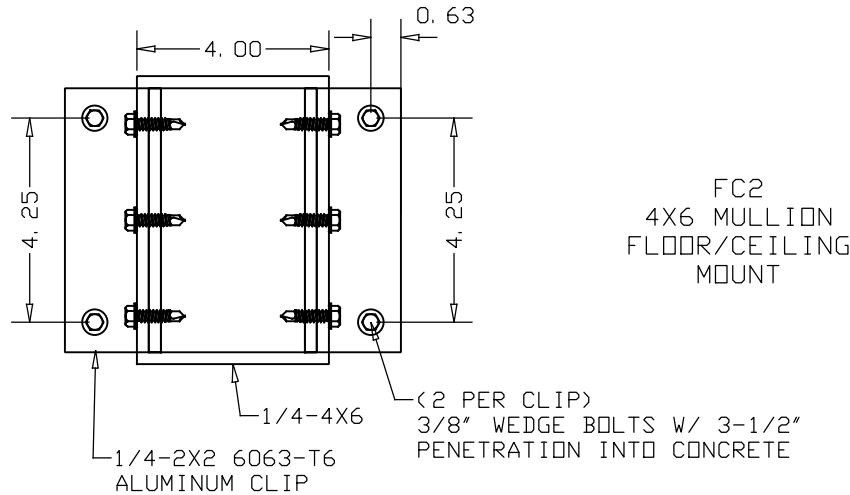
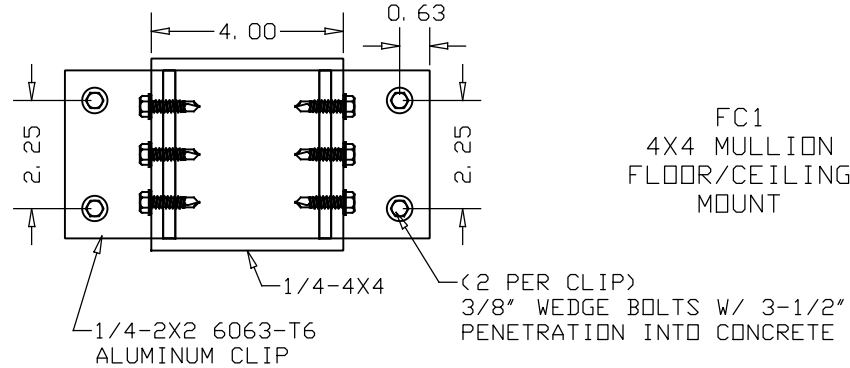
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EQUALLY SPACED MULLIONS WALL AND INSET CONNECTIONS

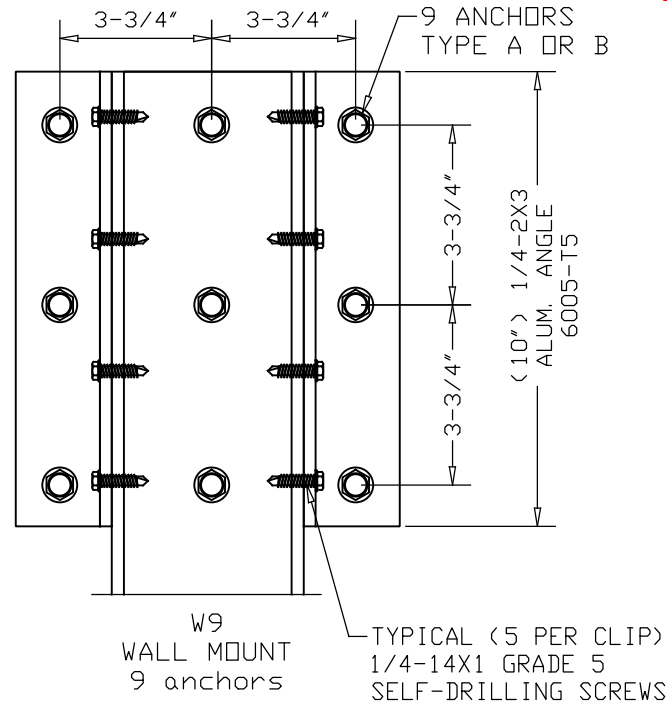
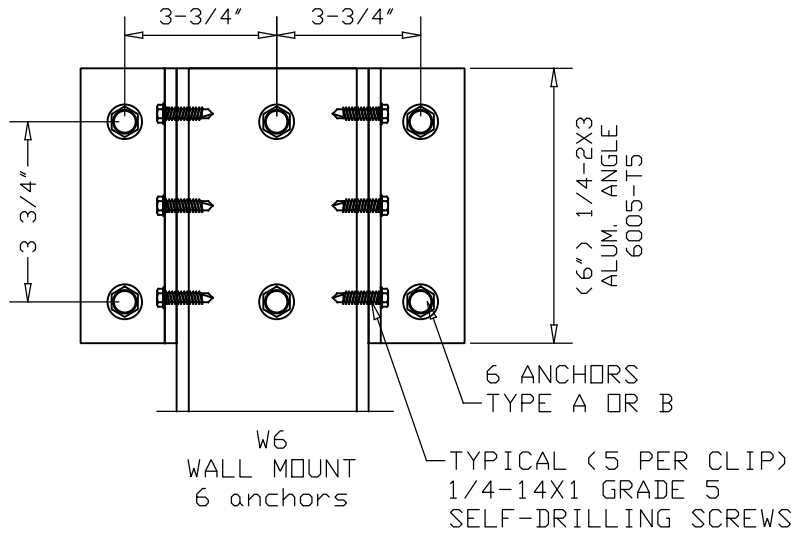
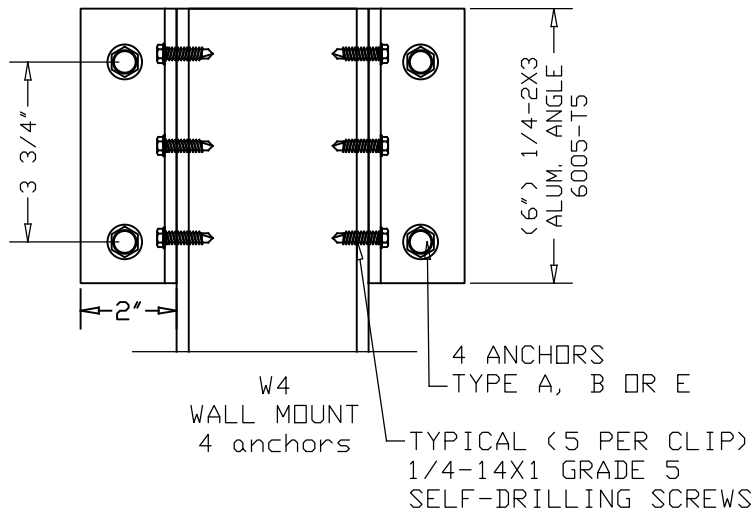
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PEDRO M. DE FIGUEIREDO
LICENSE
No. 52609
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
Pedro De Figueiredo
PE 52609
08/25/2026

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NOTE: ANGLE CLIP TO BE PLACED INSIDE TUBE



WALL MOUNT ANCHOR SELECTION

ANCHOR TYPE	MULLION TYPE	4X4	4X6	4X8
A		W4	W9	W9
B		W4	W6	W9
E		W4	W4	W4

ANCHOR SCHEDULE:				
ANCHOR	DESCRIPTION	MATERIAL	EMBEDMENT	EDGE DISTANCE
A	5/16" X3" TAPCONS	MIN. 2899 psi CONCRETE	2 1/4"	3 1/8"
B	5/16" X3" TAPCONS	GROUT FILLED C-90 BLOCK	2 1/4"	4"
E	3/8" X4" WEDGE BOLTS	MIN. 3000 psi CONCRETE	3 1/2"	4 1/2"

PRODUCT:
E555 SUP
ROLLING DOOR
LARGE & SMALL MISSILE
IMPACT RATED



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NA
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HOOD ASSEMBLY

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PE 52609
08/25/2026

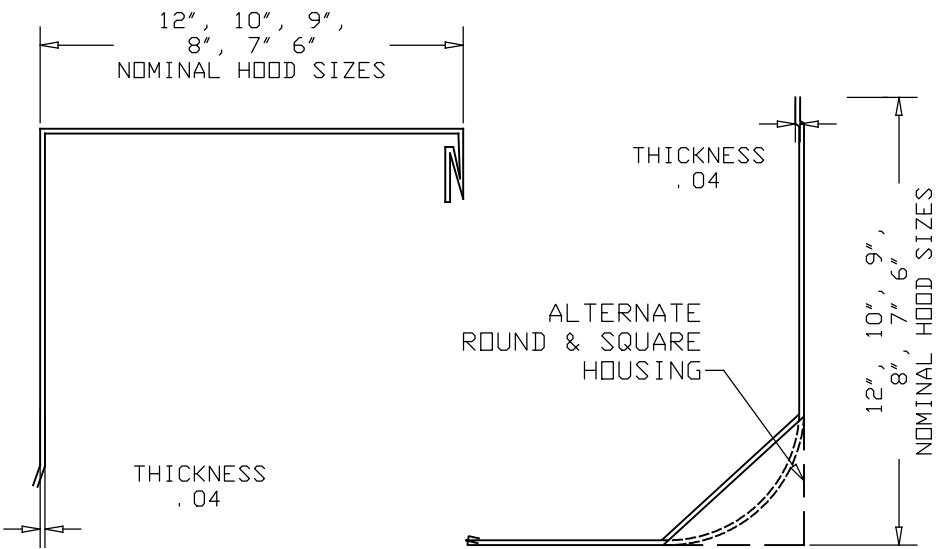
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NOTE: THE ROLL-UP MECHANISM (GEARS, MOTORS, SUPPORTING END PLATES) ARE NOT PART OF THIS APPROVAL. MANUFACTURER IS RESPONSIBLE TO SPECIFY THESE COMPONENTS FOR PROPER DOOR OPERATION.

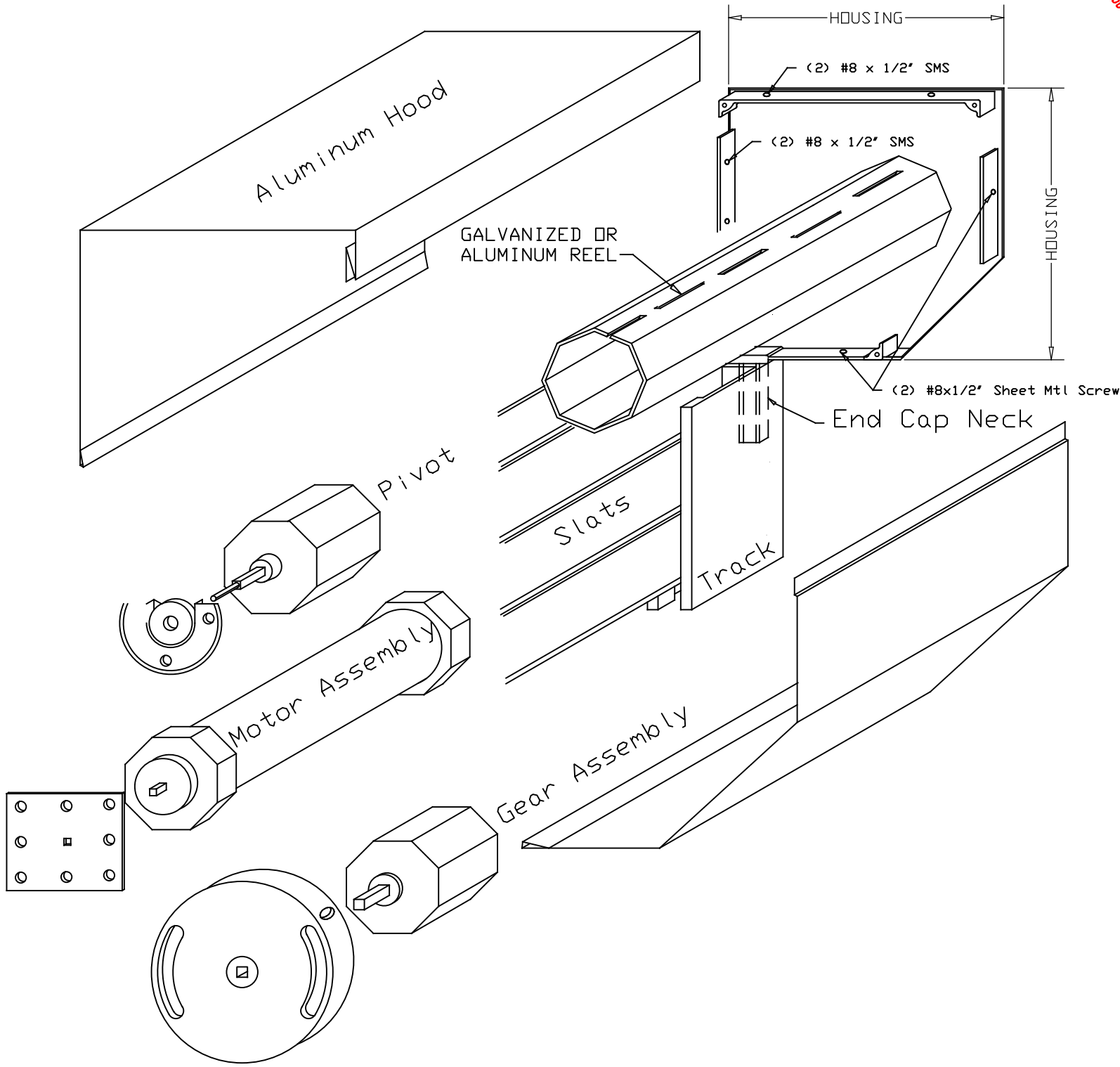


TABLE 1711.1 - CORROSION RESISTANCE OF FASTENERS

EXPOSURE		BUILDING LOCATION FROM COASTAL SHORELINE	
		≤ 300 FEET	>300 AND ≤3000 FEET
EXTERIOR	PARTIALLY SHELTERED	STAINLESS STEEL SECTION 1711.1.1.1	GALVANIZED SECTION 1711.1.1.2
	OPEN EXPOSED		
INTERIOR UNCONDITIONED ENCLOSED		GALVANIZED SECTION 1711.1.1.2	GALVANIZED SECTION 1711.1.1.2

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ANCHOR DATA						FBC 2026 SECTION 1711 COMPLIANCE
MARK	MANUFACTURER	DESCRIPTION	SUBSTRATE	EMB.	ED	
A	ITW BUILDEX	5/16" ITW TAPCONS XL	MIN. 3KSI CONCRETE	2.25	3.125	1711.1.1.2
B	ITW BUILDEX	5/16" ITW TAPCONS XL	GROUT FILLED C90 BLOCK	2.25	4	1711.1.1.2
C	DEWALT OR SIMILAR	1/4"-14 DRIL-FLEX SDS GR5	MIN. 1/4" 6063-T6 ALUM.	3 TREADS	0.5	1711.1.1.2
			MIN. 3/16" A36 STEEL	3 TREADS	0.375	
C alternate	DEWALT	1/4"-20 BI-FLEX 300 SS	MIN. 1/4" 6063-T6 ALUM.	3 TREADS	0.5	1711.1.1.1
			MIN. 3/16" A36 STEEL	3 TREADS	0.375	
D	ITW BUILDEX	5/16" ITW TAPCONS XL	WOOD SG>=0.55	2.25	1.25	1711.1.1.2
E	DEWALT	3/8" WEDGE BOLT	MIN. 3KSI CONCRETE	3.5	4.5	1711.1.1.2
NOTES: 1- EMD.: MINIMUM EMBEDMENT INTO SUBSTRATE, E.D.: MINIMUM EDGE DISTANCE, S: MINIMUM ANCHOR SPACING 2- ALL DIMENSIONS IN INCHES 3- ANCHORS CAN BE CONSIDERED EXTERIOR OPEN OR PARTIALLY SHELTERED EXPOSED AS PER SECTION 1711 OF THE FBC 4- SITE SPECIFIC MAY BE REQUIRED FOR CONDITIONS MEETING SECTION 1711.1.1.1 (WITHIN 300 FEET FROM SALTWATER ENVIRONMENTS).						

PRODUCT:
ES55 SUP
ROLLING DOOR
LARGE & SMALL MISSILE
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