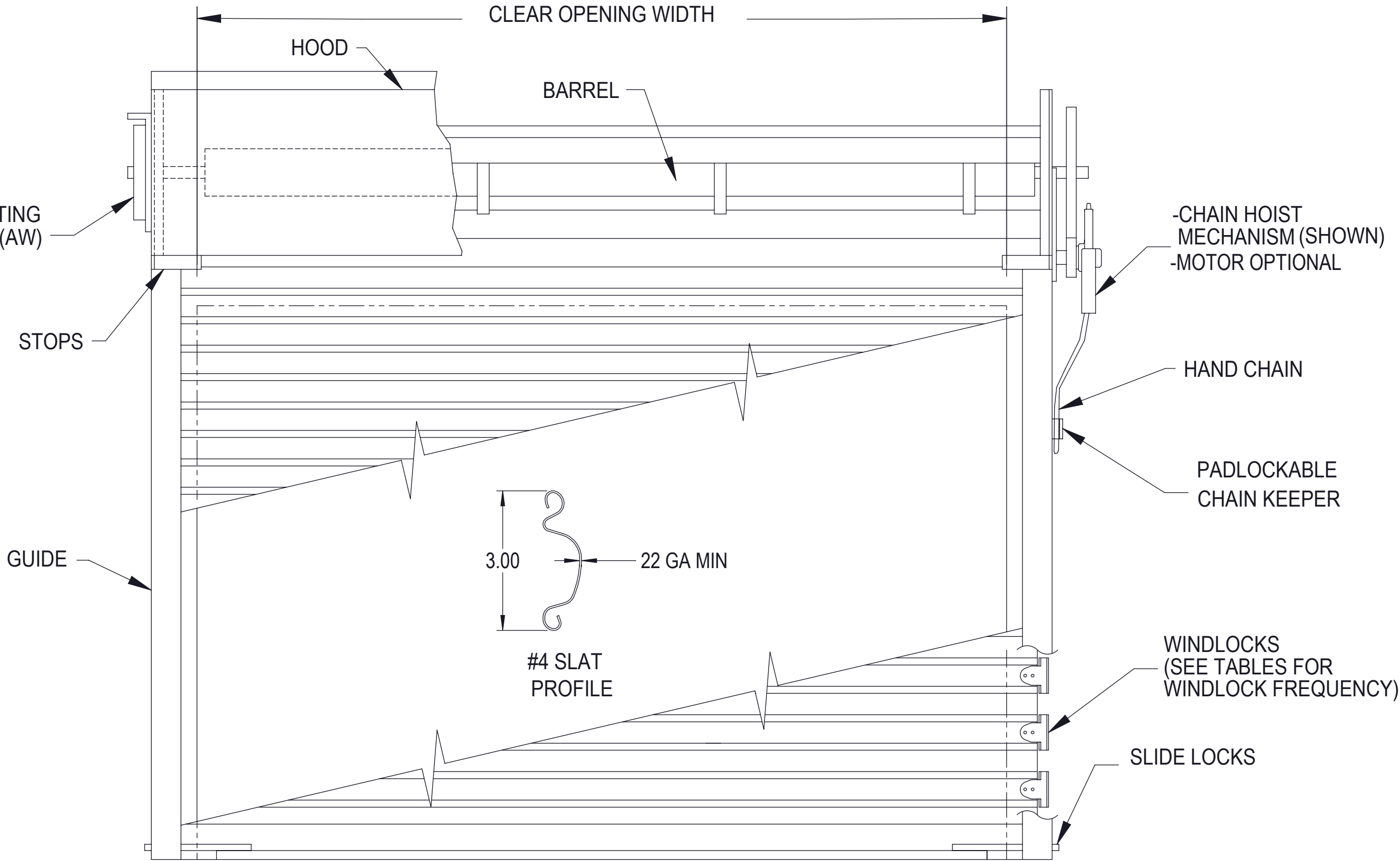


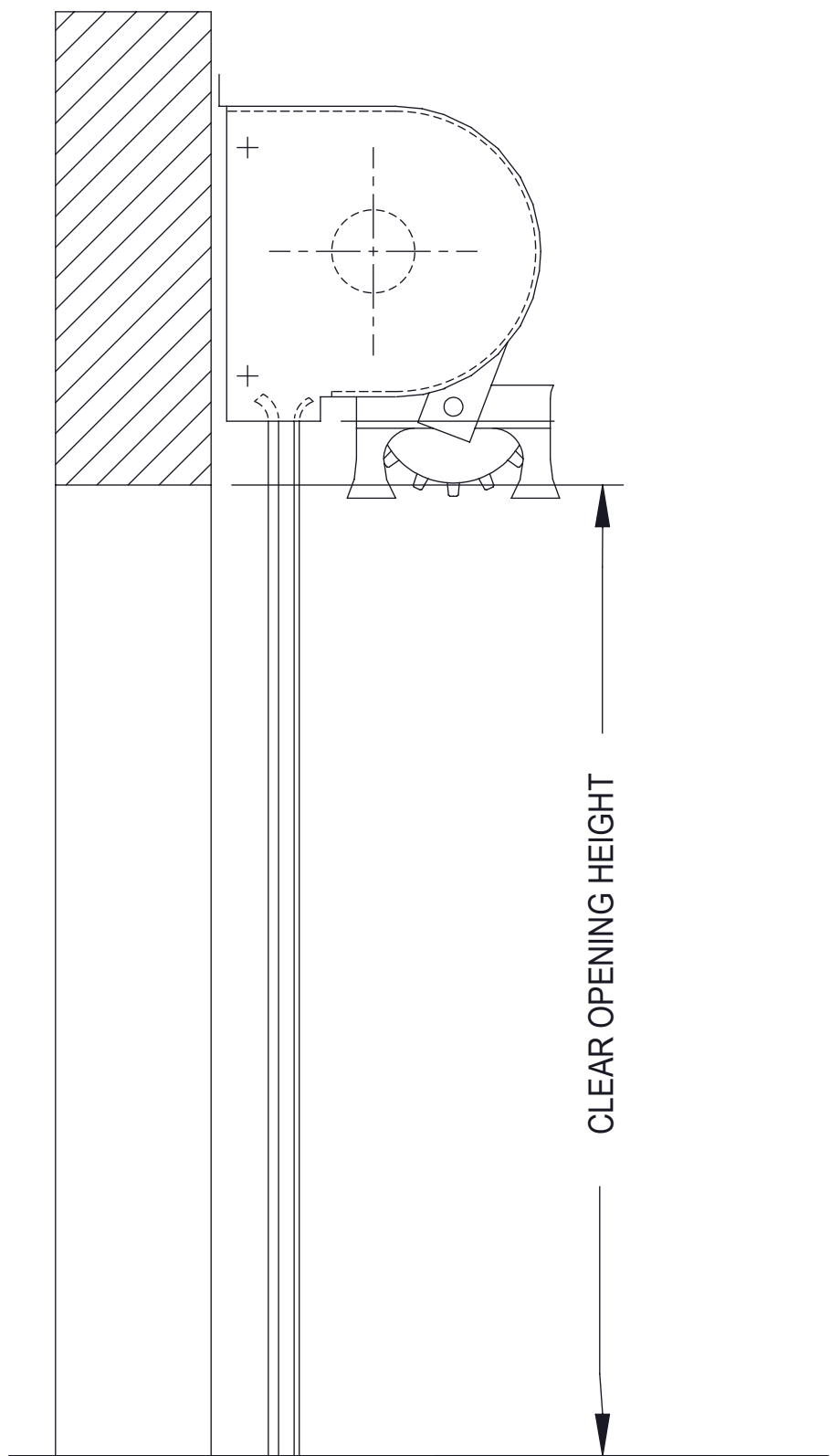
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. CURTAIN IS 22 GAUGE MIN STEEL PER ASTM A 653, GR.40 MIN.
2. GUIDE ANGLES ARE STRUCTURAL STEEL PER ASTM A 36.
3. HOOD IS 24GA GALVANIZED STEEL.
4. SLIP REFERS TO THE DISTANCE FROM THE WINDLOCK TOTHE WINDBAR.
5. REFER TO: #4 SLAT DRAWING 001-0741
GUIDE DRAWINGS 706-1476 & 706-1636
6. DOORS THAT UTILIZE M-TYPE GUIDES MUST BE INSTALLED TO 3000PSI MIN.
CONCRETE JAMBS TO BE FASTENED WITH HILTI KWIK BOLT 3 ANCHORS OR EQUIVALENT.
DOORS THAT UTILIZE S-TYPE GUIDES MUST BE INSTALLED TO 3/16" THICK MIN STEEL JAMBS.
STEEL JAMBS TO BE FASTENED WITH MANUFACTURER PROVIDED BOLTS OR WELDED USING E60XX ELECTRODE OR BETTER PER INSTRUCTIONS PROVIDED ON SHEET 2 OF THIS DRAWING.
7. DESIGNED AND TESTED IN ACCORDANCE WITH FLORIDA BLDG CODE AND INTERNATIONAL BLDG CODE.
8. PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WIND LOAD CONSTRUCTION DETAILS.
9. THIS DOOR CAN BE INTERIOR OR EXTERIOR MOUNTED.
- 10.ALL FORCE OR MOMENT VALUES ARE PER LINEAR FT OF GUIDE, PER SIDE.
A NEGATIVE VALUE INDICATES DIRECTION OPPOSITE OF ARROW DIRECTION.

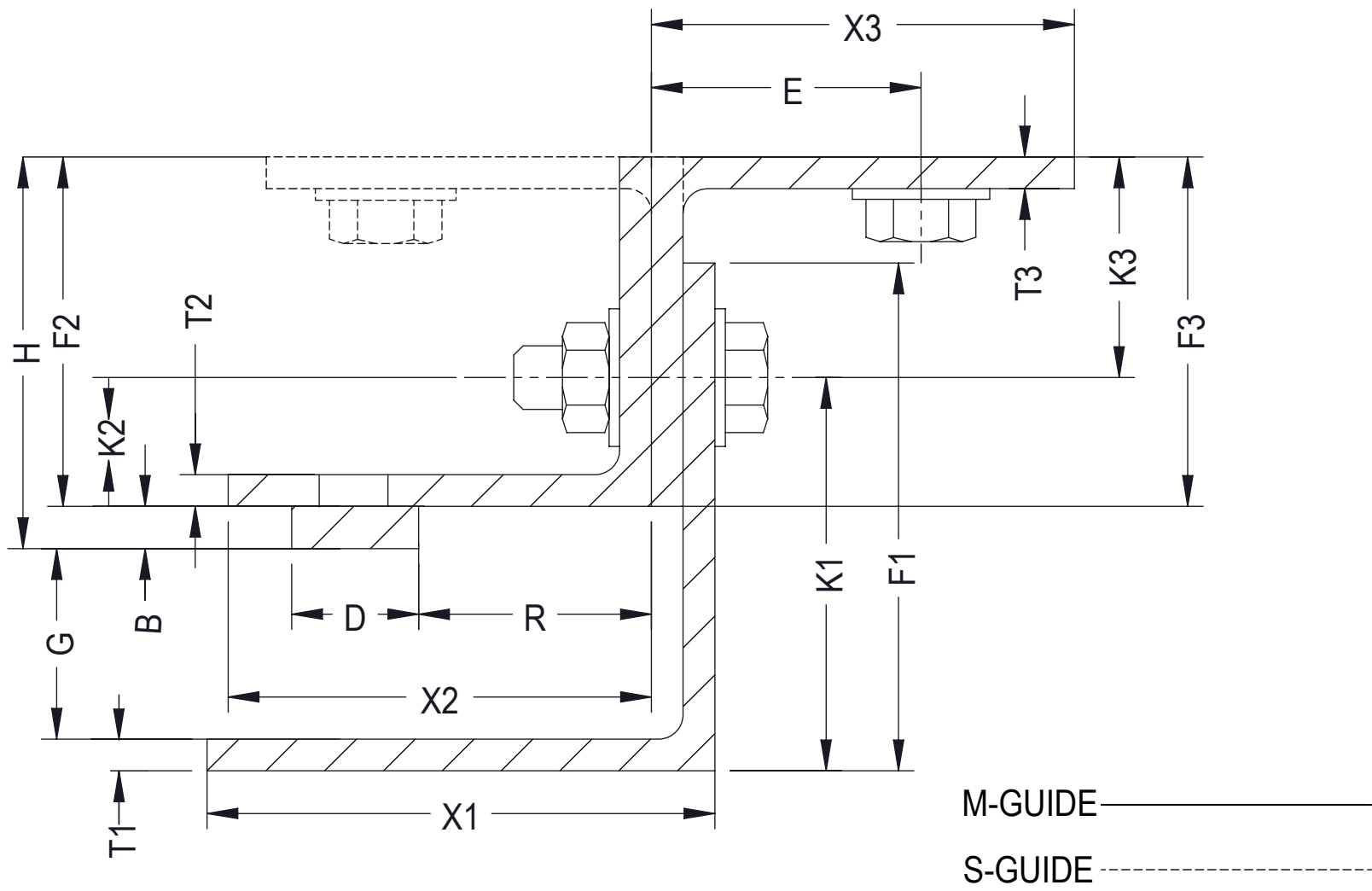
REVISIONS				
ER	REV	DESCRIPTION	DATE	APVL
502204	-	RELEASE FOR PRODUCTION	8/2/13	MS
502356	A	REVISION PER ER	10/18/13	MS
PCR-32642	B	REV PER PCR	6/3/2021	RO



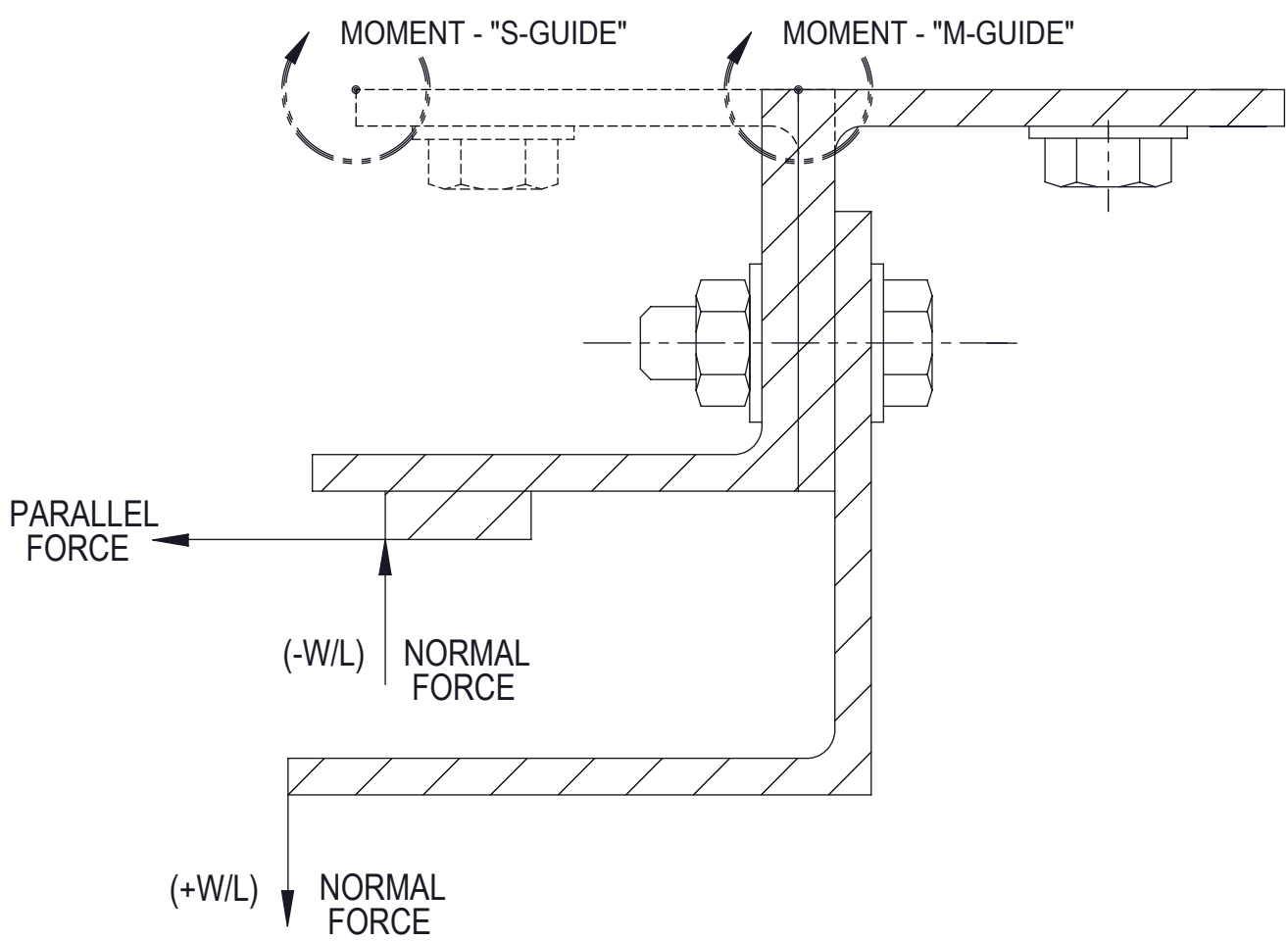
COILSIDE ELEVATION



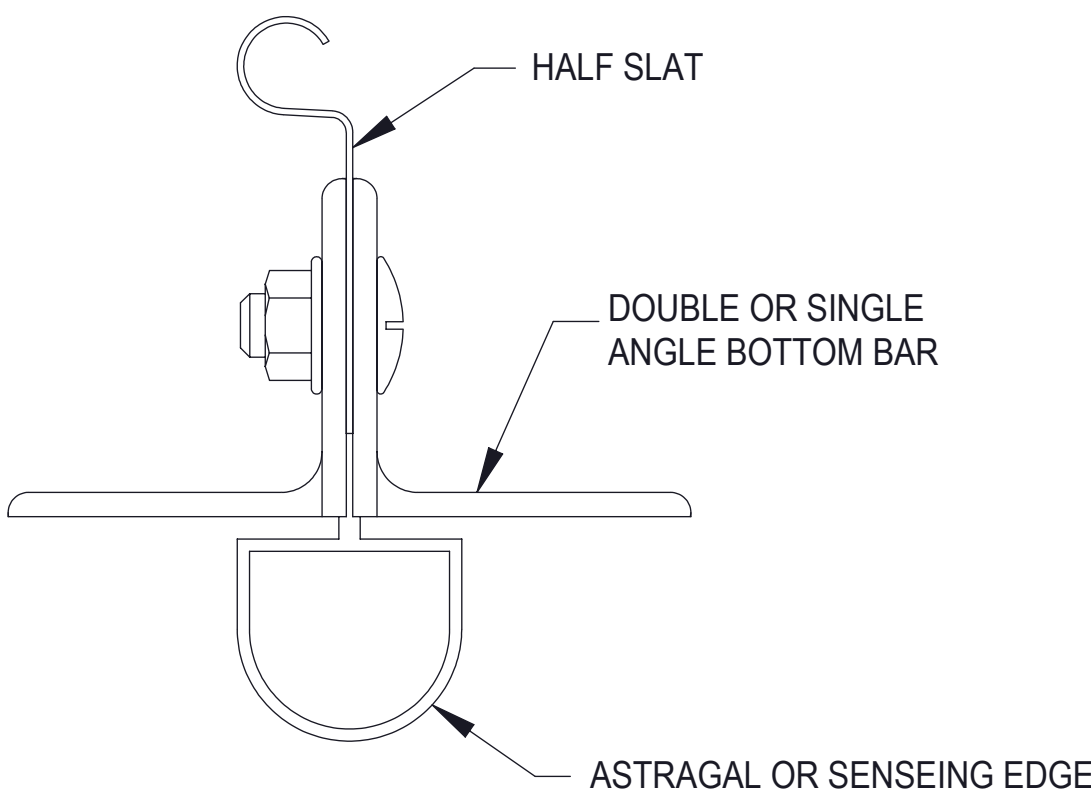
VERTICAL DETAIL



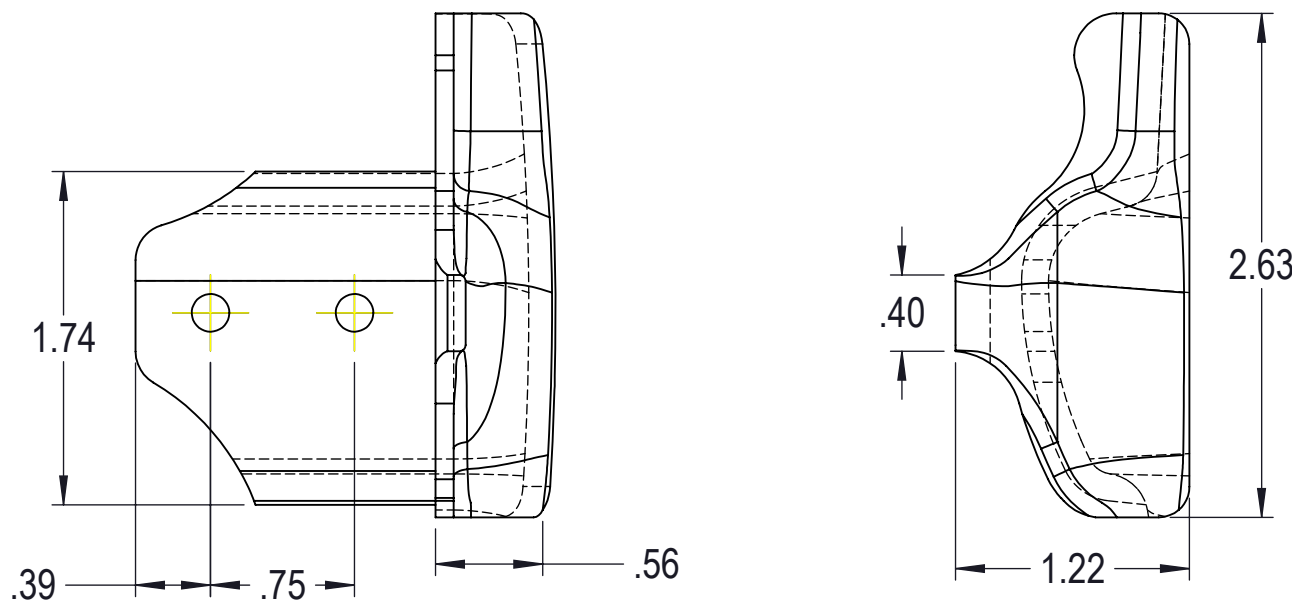
GUIDE DETAIL



FORCE DETAIL



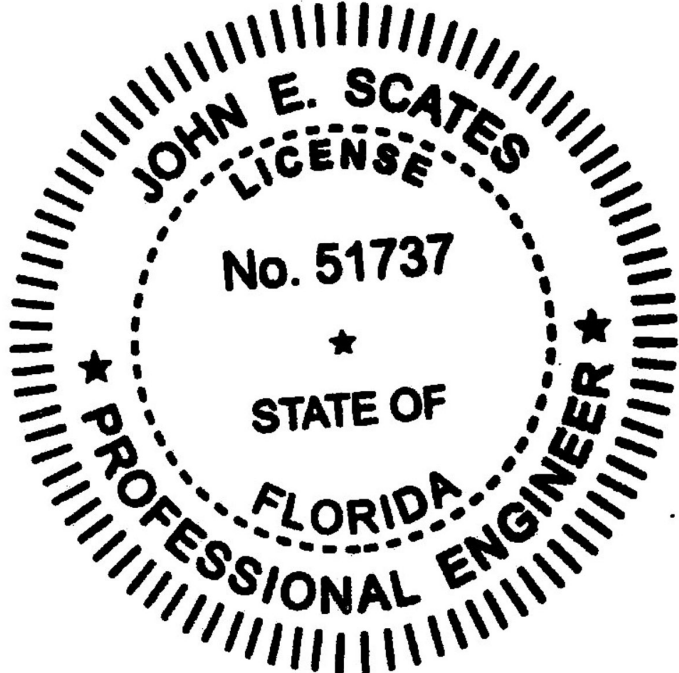
BOTTOM BAR DETAIL

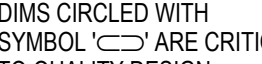


WINDLOCK DETAIL

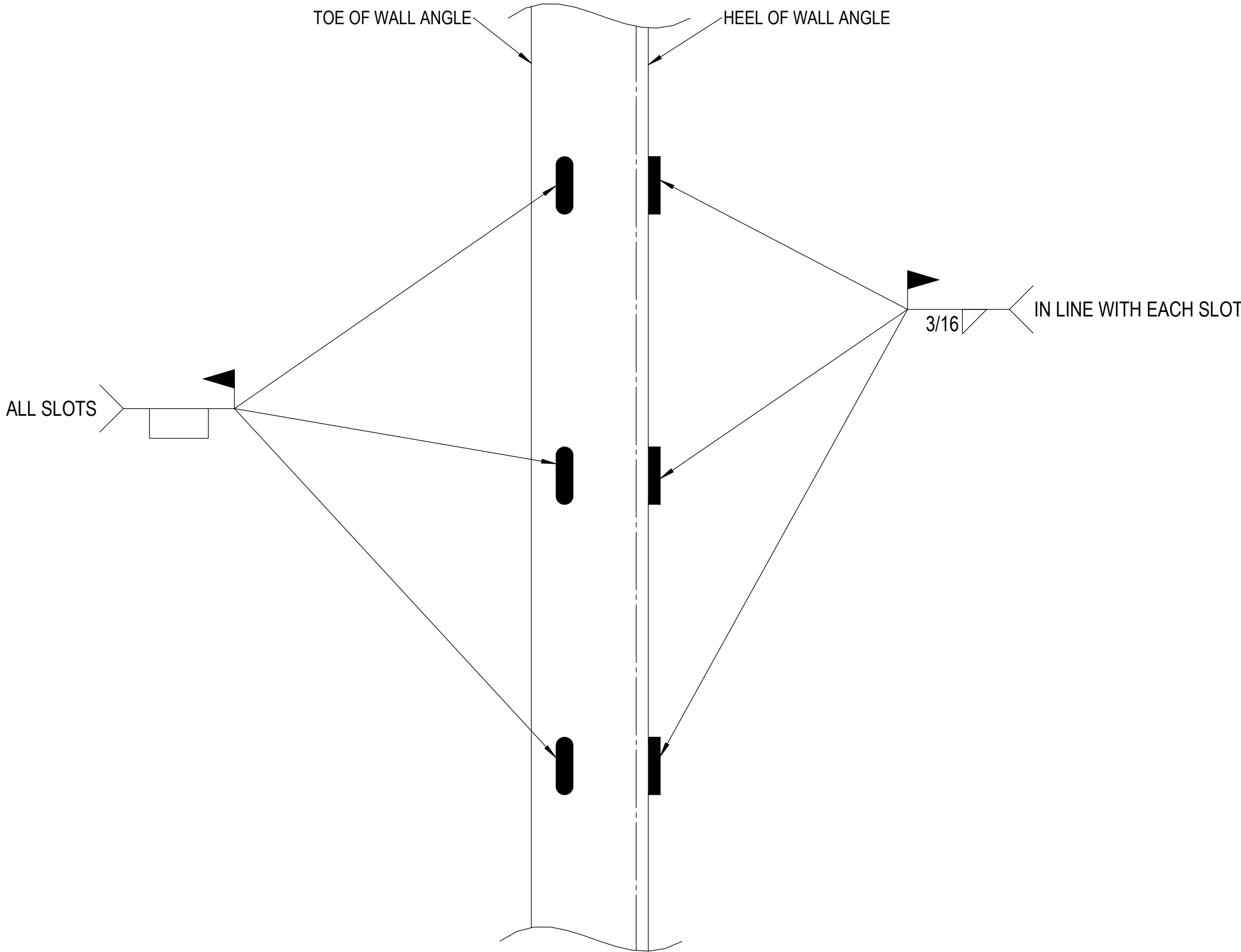
JOHN E. SCATES, PE
2560 KING ARTHUR BLVD, STE 124-54
LEWISVILLE, TX 75056
FL PE 51737, TX PE 56308/F2203

Digitally signed by John E. Scates, P.E.
Date: 2021.06.10 12:22:13 -05'00'



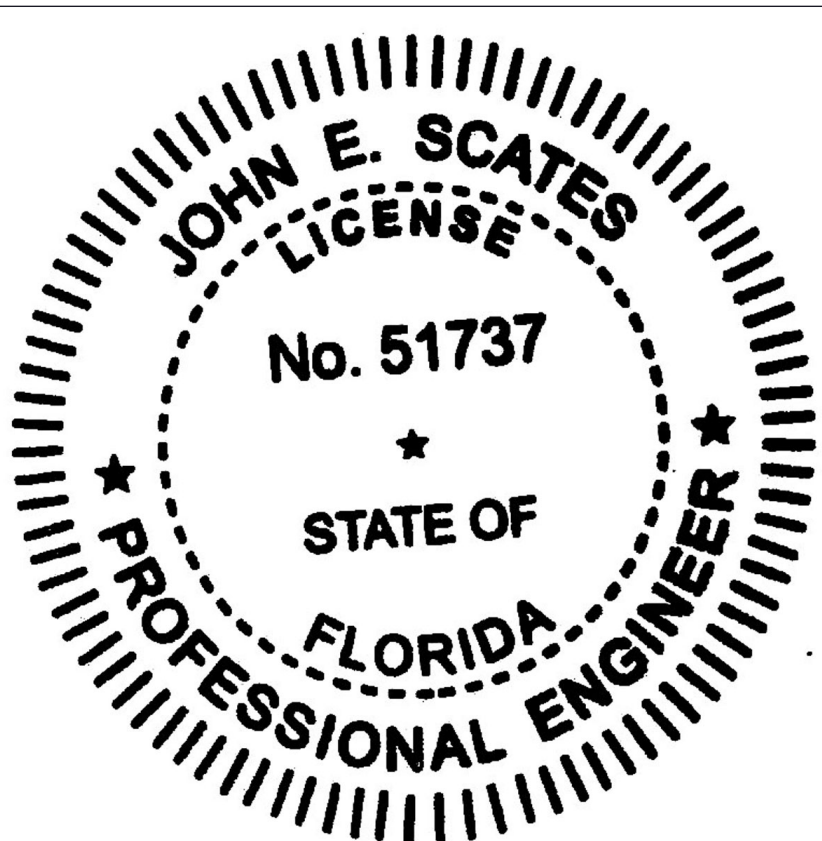
UNLESS OTHERWISE SPECIFIED			APPROVALS		DATE		A DIVISION OF OVERHEAD DOOR CORP			LEWISVILLE, TEXAS	
INTERPRET DIMS & TOLS PER ASME Y14.5M			DRAWN	M. PORTO	10/12/2012		DESCRIPTION MODEL 800, #4 SLAT, +/- 47 PSF				
ALL DIMS ARE IN INCHES DO NOT SCALE			CHECKED	G. FINERAN	8/2/13						
			APPROVED	M. SAWICKI	8/2/13						
DIMS CIRCLED WITH SYMBOL  ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS			TOLERANCES: X = ± XX = ± XXX = ± ANGULAR = ±			MATERIAL					
			HOLES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/-			FINISH					
			ALL GEOMETRY GOVERNED BY 3D CAD DATABASE: 017-0016			SIZE	DWG NO.			REV	
						D	706-1640			B	
						SCALE 1:1		UOM =		SHEET 1 OF 4	

NOTES: (UNLESS OTHERWISE SPECIFIED)



DETAILS FOR WELDING GUIDES TO STEEL JAMBS

JOHN E. SCATES, PE
2560 KING ARTHUR BLVD, STE 124-54
LEWISVILLE, TX 75056
FL PE 51737, TX PE 56308/F2203



UNLESS OTHERWISE SPECIFIED			APPROVALS		DATE				A DIVISION OF OVERHEAD DOOR CORP		LEWISVILLE, TEXAS	
INTERPRET DIMS & TOLS PER ASME Y14.5M			DRAWN		M. PORTO		10/12/2012		DESCRIPTION MODEL 800, #4 SLAT, +/- 47 PSF			
ALL DIMS ARE IN			CHECKED		G. FINERAN		8/2/13					
			APPROVED		M. SAWICKI		8/2/13					
			MATERIAL		N/A							
DO NOT SCALE			FINISH		N/A		SIZE		DWG NO.		REV	
DIMS CIRCLED WITH SYMBOL  ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.			N/A		N/A		D		706-1640		B	
			HOLDS:		N/A							
			X = ±									
			XX = ±									
			XXXX = ±									
			ANGULAR = ± °									
			HOLDS:									
			< Ø.251 = +/-									
			Ø.251-Ø.500 = +/-									
			> Ø.500 = +/-									
			ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:									

MODEL 800, #4 SLAT, +/- 47
PSF

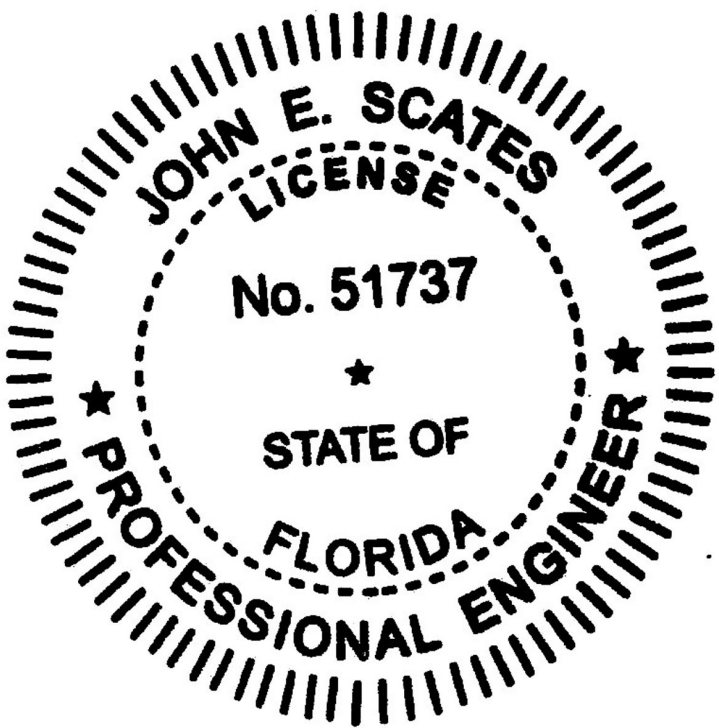
D 706-1640

B

NOTES: (UNLESS OTHERWISE SPECIFIED)

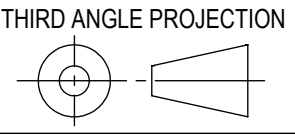
STL GUIDE	M-GUIDE																					
SLAT # 4	47 PSF																					
DOOR OPENING WIDTH	10'					12'						16'						20'		22'		
H	2.25	3.25	3.75	4.25	4.75	3.38	3.88	4.38	4.88	3.38	3.88	3.38	3.88	4.38	4.88	3.38	3.88	3.13	3.63	4.13	4.63	
F1	3.00	3.00	3.00	3.00	3.50	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.50	3.50	3.50	3.50	
X1	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.50	3.50	3.50	3.50	
T1	0.19	0.19	0.19	0.19	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
K1	2.38	2.38	2.38	2.38	2.81	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	2.81	2.81	2.81	2.81	
F2	2.00	2.00	2.00	2.00	2.50	2.00	2.00	2.00	2.50	2.00	2.00	2.00	2.00	2.00	2.50	2.00	2.00	2.00	2.00	2.00	2.00	
X2	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	3.00	3.00	3.00	3.00	
T2	0.19	0.19	0.19	0.19	0.19	0.25	0.25	0.31	0.31	0.25	0.25	0.25	0.25	0.31	0.31	0.25	0.25	0.31	0.31	0.31	0.31	
K2	0.88	0.88	0.88	0.88	1.25	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.13	1.13	1.13	1.13	
F3	2.00	3.00	3.50	4.00	4.00	3.00	3.50	4.00	4.00	3.00	3.50	3.00	3.50	4.00	4.00	3.00	3.50	3.00	3.50	4.00	4.00	
X3	3.00	3.00	3.00	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	4.00	4.00	4.00	4.00	
T3	0.19	0.25	0.25	0.38	0.38	0.38	0.38	0.50	0.50	0.38	0.38	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.50	0.50	
K3	1.13	2.13	2.63	3.13	3.25	1.63	2.13	2.63	3.13	1.63	2.13	1.63	2.13	2.63	3.13	1.63	2.13	1.69	2.19	2.19	2.69	
E	1.63	2.25	2.25	2.13	2.13	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	3.00	3.13	
G	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	
B	0.25	0.25	0.25	0.25	0.25	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
D	0.75	0.75	0.75	0.75	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
R	1.56	1.56	1.56	1.56	1.56	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.75	1.75	1.63	1.63	
WALL ANCHOR DIA	1/2	5/8	5/8	1/2	1/2	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	
WALL ANCHOR EMBED	3 1/2	4 3/8	4 3/8	3 1/2	3 1/2	4 3/8	4 3/8	4 3/8	4 3/8	4 3/8	4 3/8	4 3/8	4 3/8	4 3/8	4 3/8	4 3/8	4 3/8	4 3/8	4 3/8	4 3/8	4 3/8	
WALL ANCHOR SPACING	9.00	10.00	10.00	9.00	9.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	8.00	8.00	
ASSY BOLT DIA	1/2	1/2	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	
ASSY BOLT GRADE	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
ASSY BOLT SPACING	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	15	15	14	14	
WINDLOCK FREQUENCY	ALT	ALT	ALT	ALT	ALT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	
SLIP	3/16	3/16	3/16	3/16	3/16	1/4	1/4	1/4	5/16	1/4	1/4	7/16	1/2	9/16	11/16	7/16	1/2	3/4	3/4	3/4	7/8	
MAX MOMENT (in*lb/LF)	2383	3201	3610	4019	4428	5100	5756	6412	6101	5100	5756	7278	7680	8048	7976	7278	7680	8087	9175	11978	12353	
NORMAL (lb/LF)	235	235	235	235	235	282	282	282	282	282	282	376	376	376	376	376	376	470	470	517	517	
PARALLEL (lb/LF)	818	818	818	818	818	1313	1313	1313	1114	1313	1313	1892	1752	1635	1453	1892	1752	2174	2174	2575	2377	

#4 SLAT, STEEL M-GUIDE



JOHN E. SCATES, PE
2560 KING ARTHUR BLVD, STE 124-54
LEWISVILLE, TX 75056
FL PE 51737, TX PE 56308/F2203

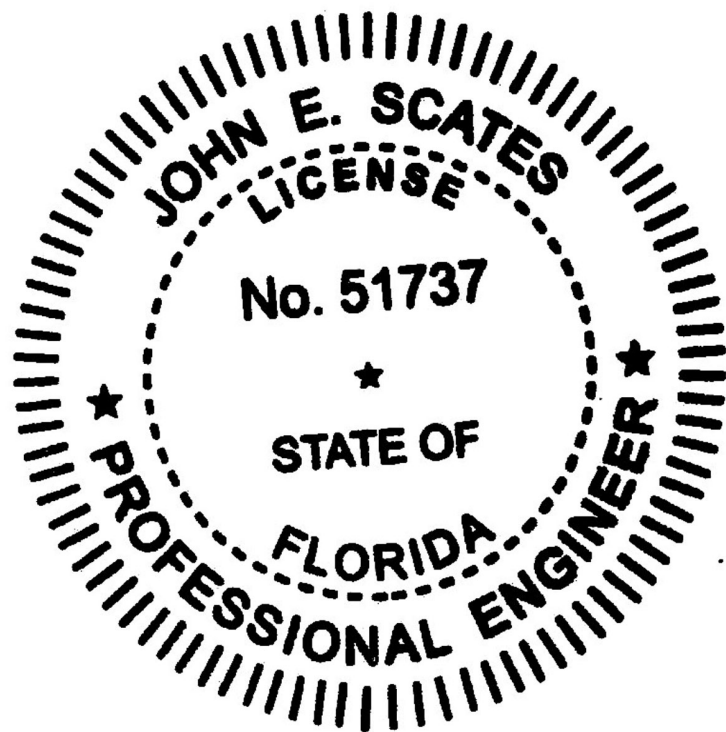
UNLESS OTHERWISE SPECIFIED			APPROVALS			DATE		A DIVISION OF		LEWISVILLE, TEXAS	
INTERPRET DIMS & TOLS PER ASME Y14.5M ALL DIMS ARE IN DO NOT SCALE DIMS CIRCLED WITH SYMBOL () ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.			DRAWN			M. PORTO		10/12/2012	OVERHEAD		
			CHECKED			G. FINERAN		8/2/13	DOOR CORP		
			APPROVED			M. SAWICKI		8/2/13			
TOLERANCES: X = ± XX = ± XXX = ± ANGULAR = ± ° HOLES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/- ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:			MATERIAL			N/A			DESCRIPTION MODEL 800, #4 SLAT, +/- 47 PSF		
			FINISH			N/A					
			SIZE			DWG NO.		REV			
			D			706-1640		B			
			SCALE 1:1			UOM =		SHEET 3 OF 4			



NOTES: (UNLESS OTHERWISE SPECIFIED)

STL GUIDE	S-GUIDE																				
SLAT # 4	47 PSF																				
DOOR OPENING WIDTH	10'					12'						16'						20'		22'	
H	2.25	3.25	3.75	4.25	4.75	3.38	3.88	4.38	4.88	3.38	3.88	3.38	3.88	4.38	4.88	3.38	3.88	3.13	3.63	4.13	4.63
F1	3.00	3.00	3.00	3.00	3.50	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.50	3.50	3.50	3.50
X1	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.50	3.50	3.50	3.50
T1	0.19	0.19	0.19	0.19	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
K1	2.38	2.38	2.38	2.38	2.81	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	2.81	2.81	2.81	2.81
F2	1.50	2.00	2.00	2.00	2.50	2.00	2.00	2.00	2.50	2.00	2.00	2.00	2.00	2.00	2.50	2.00	2.00	2.00	2.00	2.00	2.00
X2	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	3.00	3.00	3.00	3.00
T2	0.19	0.19	0.19	0.19	0.19	0.25	0.25	0.31	0.31	0.25	0.25	0.25	0.25	0.31	0.31	0.25	0.25	0.31	0.31	0.31	0.31
K2	0.88	0.88	0.88	0.88	1.25	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.13	1.13	1.13	1.13
F3	2.00	3.00	3.50	4.00	4.00	3.00	3.50	4.00	4.00	3.00	3.50	3.00	3.50	4.00	4.00	3.00	3.50	3.00	3.50	4.00	4.00
X3	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	4.00	4.00	4.00	4.00
T3	0.19	0.25	0.25	0.38	0.38	0.38	0.38	0.50	0.50	0.38	0.38	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.50	0.50
K3	1.13	2.13	2.63	3.13	3.25	1.63	2.13	2.63	3.13	1.63	2.13	1.63	2.13	2.63	3.13	1.63	2.13	1.69	2.19	2.19	2.69
E	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	2.63	2.63	2.63	2.63
G	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
B	0.25	0.25	0.25	0.25	0.25	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
D	0.75	0.75	0.75	0.75	0.75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
R	1.56	1.56	1.56	1.56	1.56	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.75	1.75	1.75	1.75
WALL BOLT DIA	1/2	1/2	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8
WALL BOLT GRADE	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
WALL BOLT SPACING	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	15.00	15.00
ASSY BOLT DIA	1/2	1/2	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8
ASSY BOLT GRADE	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ASSY BOLT SPACING	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	15	15	14	14
WINDLOCK FREQUENCY	ALT	ALT	ALT	ALT	ALT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT
SLIP	3/16	3/16	3/16	3/16	3/16	1/4	1/4	1/4	5/16	1/4	1/4	7/16	1/2	9/16	11/16	7/16	1/2	3/4	3/4	3/4	7/8
MAX MOMENT (in*lb/LF)	1884	2702	3111	3520	3943	4500	5157	5813	5502	4500	5157	6479	6881	7249	7177	6479	6881	7147	8235	11008	11383
NORMAL (lb/LF)	235	235	235	235	235	282	282	282	282	282	282	376	376	376	376	376	376	470	470	517	517
PARALLEL (lb/LF)	818	818	818	818	818	1313	1313	1313	1114	1313	1313	1892	1752	1635	1453	1892	1752	2174	2174	2575	2377

#4 SLAT, STEEL S-GUIDE



JOHN E. SCATES, PE
2560 KING ARTHUR BLVD, STE 124-54
LEWISVILLE, TX 75056
FL PE 51737, TX PE 56308/F2203

UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE	 A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS	DESCRIPTION MODEL 800, #4 SLAT, +/- 47 PSF			SIZE DWG NO. D 706-1640		REV B					
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES:	DRAWN	M. PORTO	10/12/2012												
ALL DIMS ARE IN	.X = ± .XX = ± .XXX = ± ANGULAR = ± °	CHECKED	G. FINERAN	8/2/13												
DO NOT SCALE	HOLES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/-	APPROVED	M. SAWICKI	8/2/13												
DIMS CIRCLED WITH SYMBOL () ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.		MATERIAL		N/A		FINISH		N/A		SCALE 1:1		UOM =		SHEET 4 OF 4		

