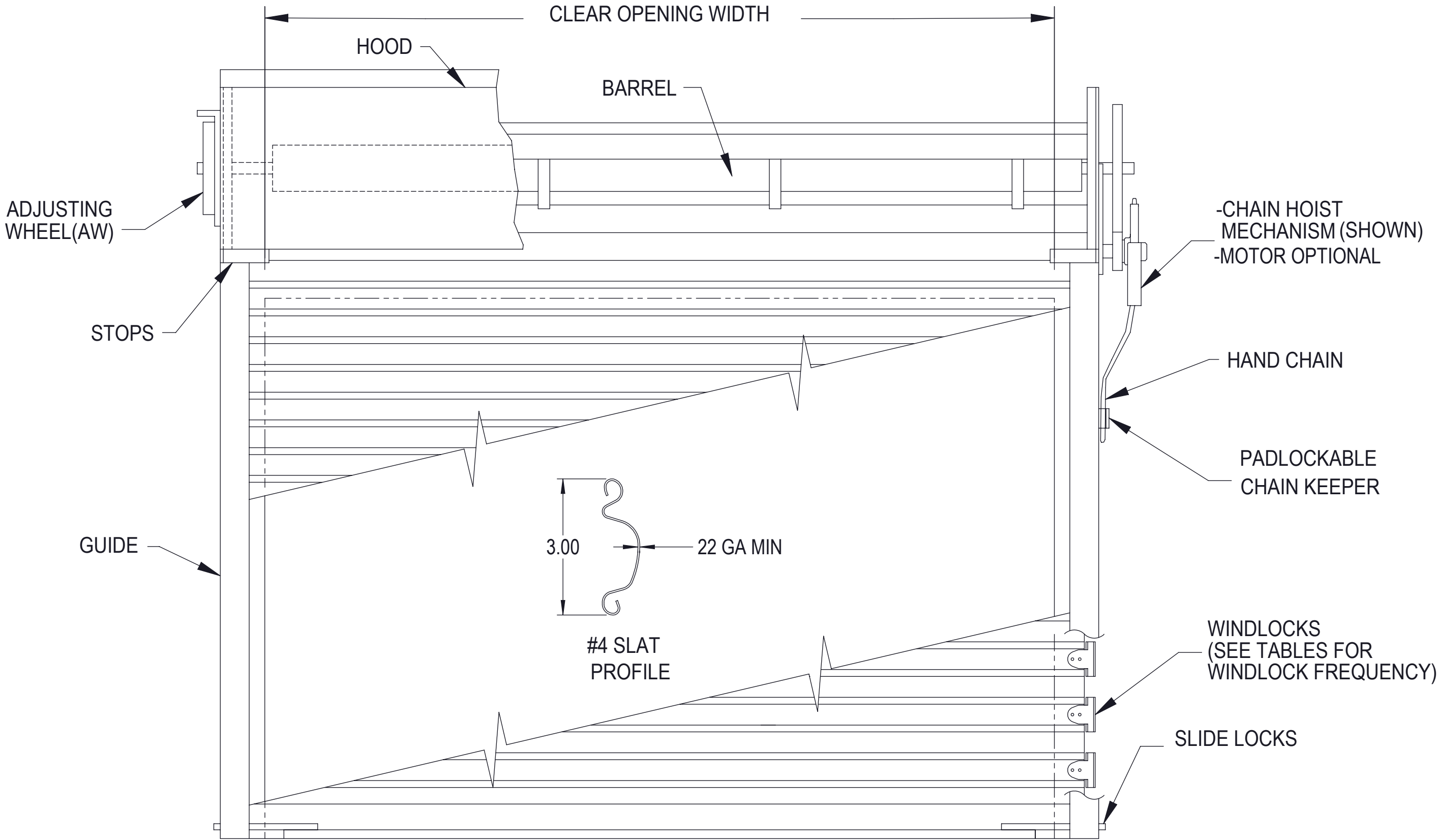


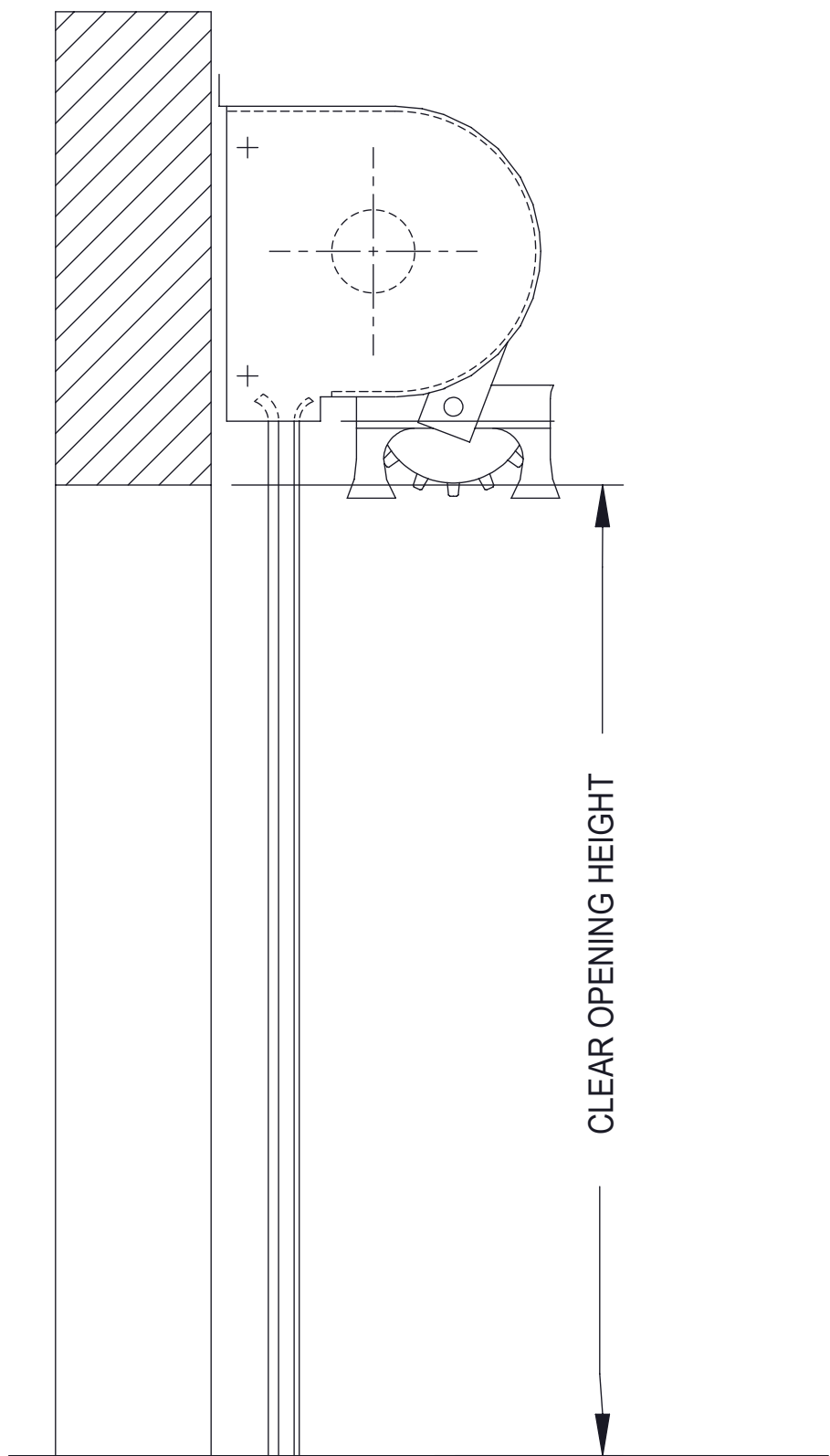
NOTES: (UNLESS OTHERWISE SPECIFIED)

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.

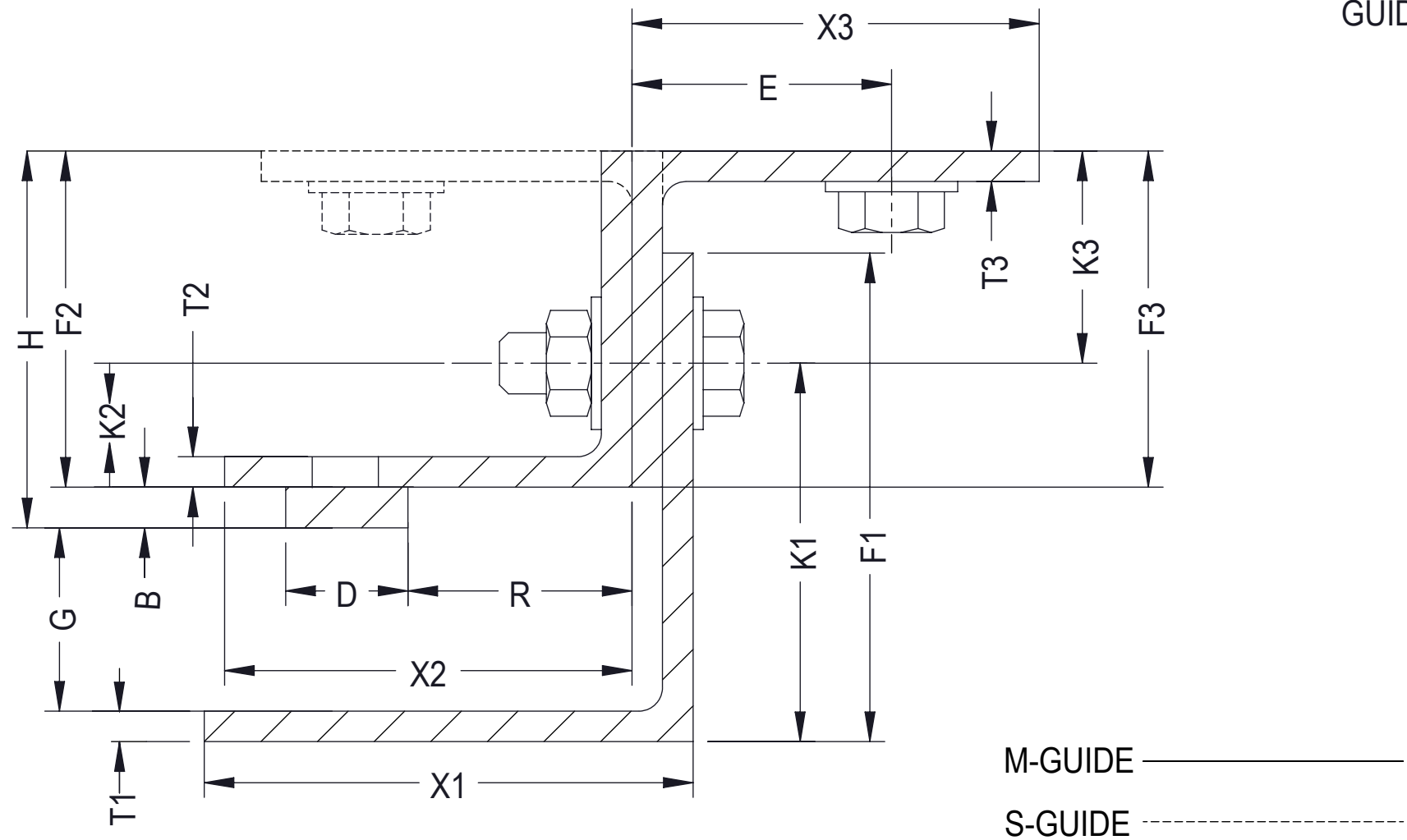
REVISIONS				
ER	REV	DESCRIPTION	DATE	APVL
502204	-	RELEASE FOR PRODUCTION	8/2/13	MS
502356	A	REVISION PER ER	10/18/13	MS
PCR-32642	B	REV PER PCR	6/3/2021	RO



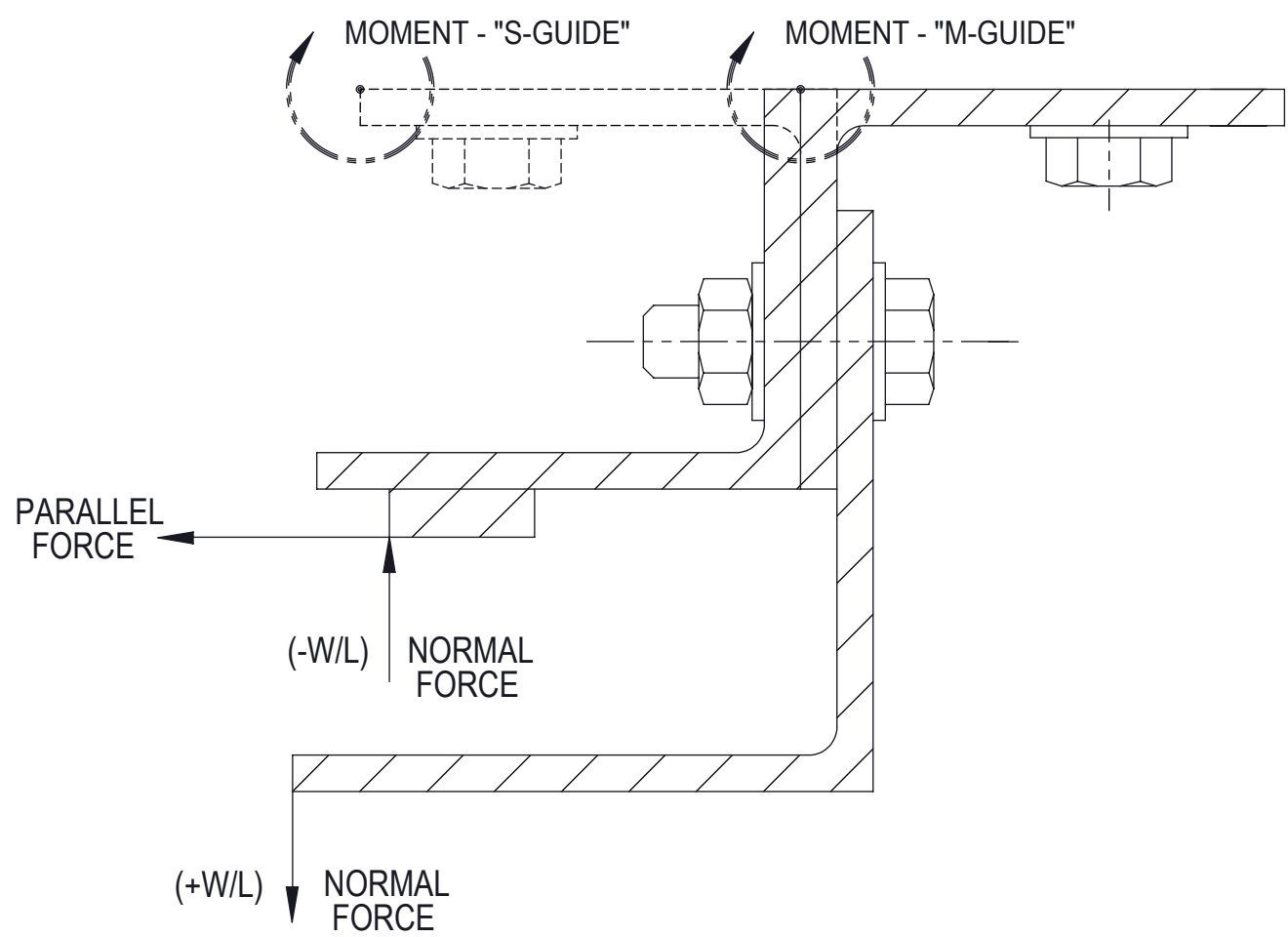
COILSIDE ELEVATION



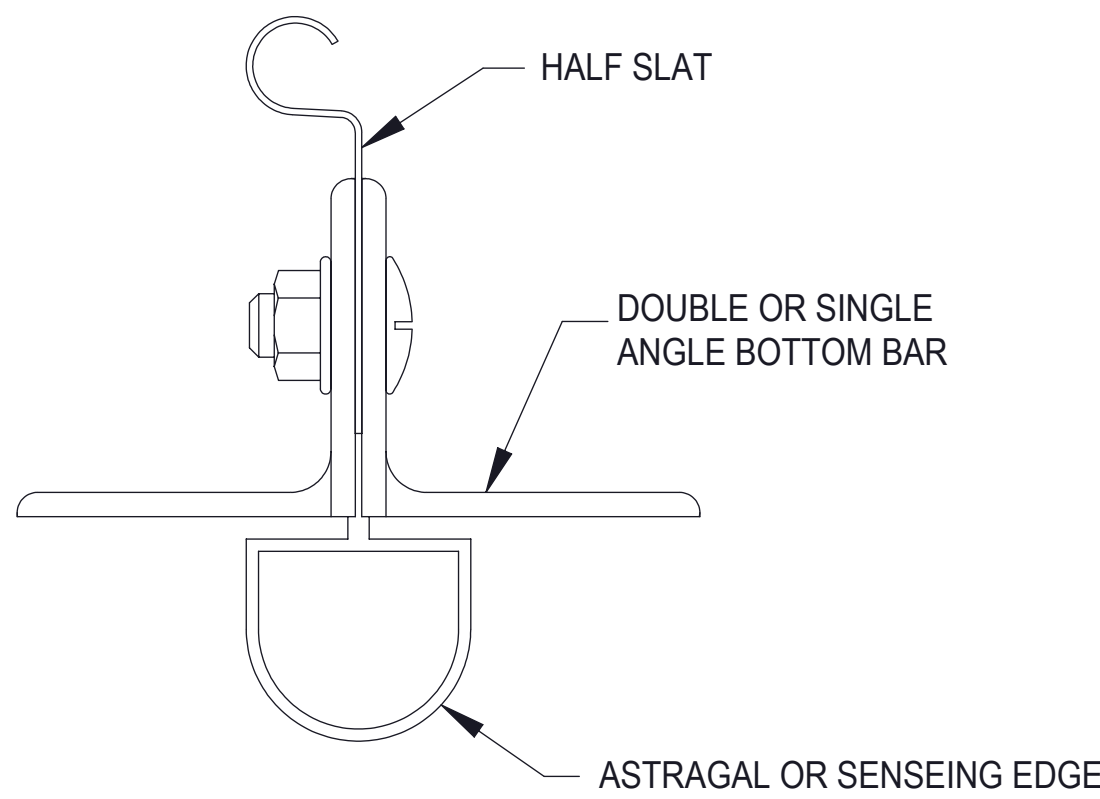
VERTICAL DETAIL



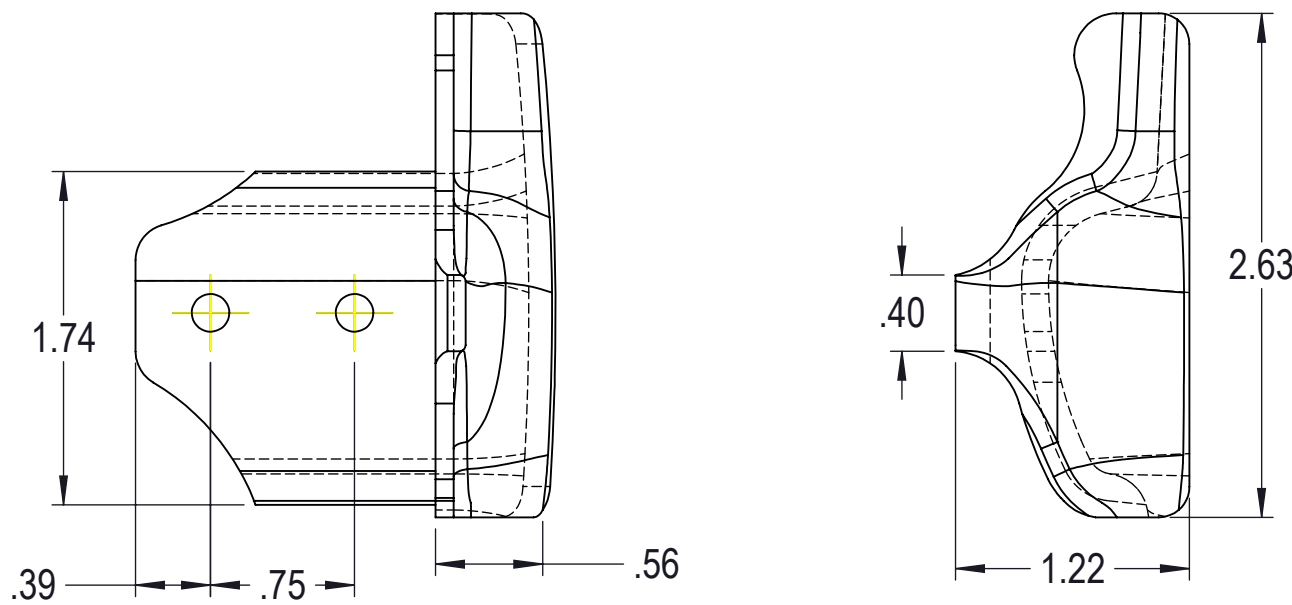
GUIDE DETAIL



FORCE DETAIL



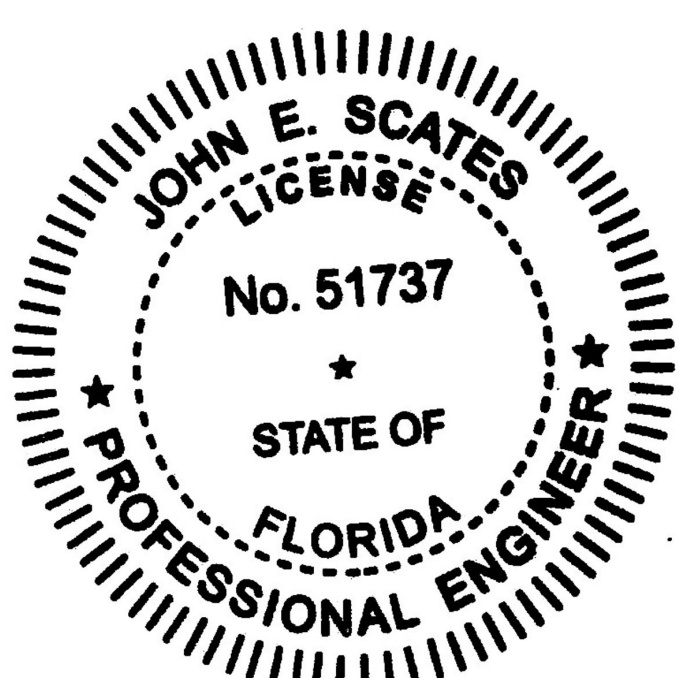
BOTTOM BAR DETAIL



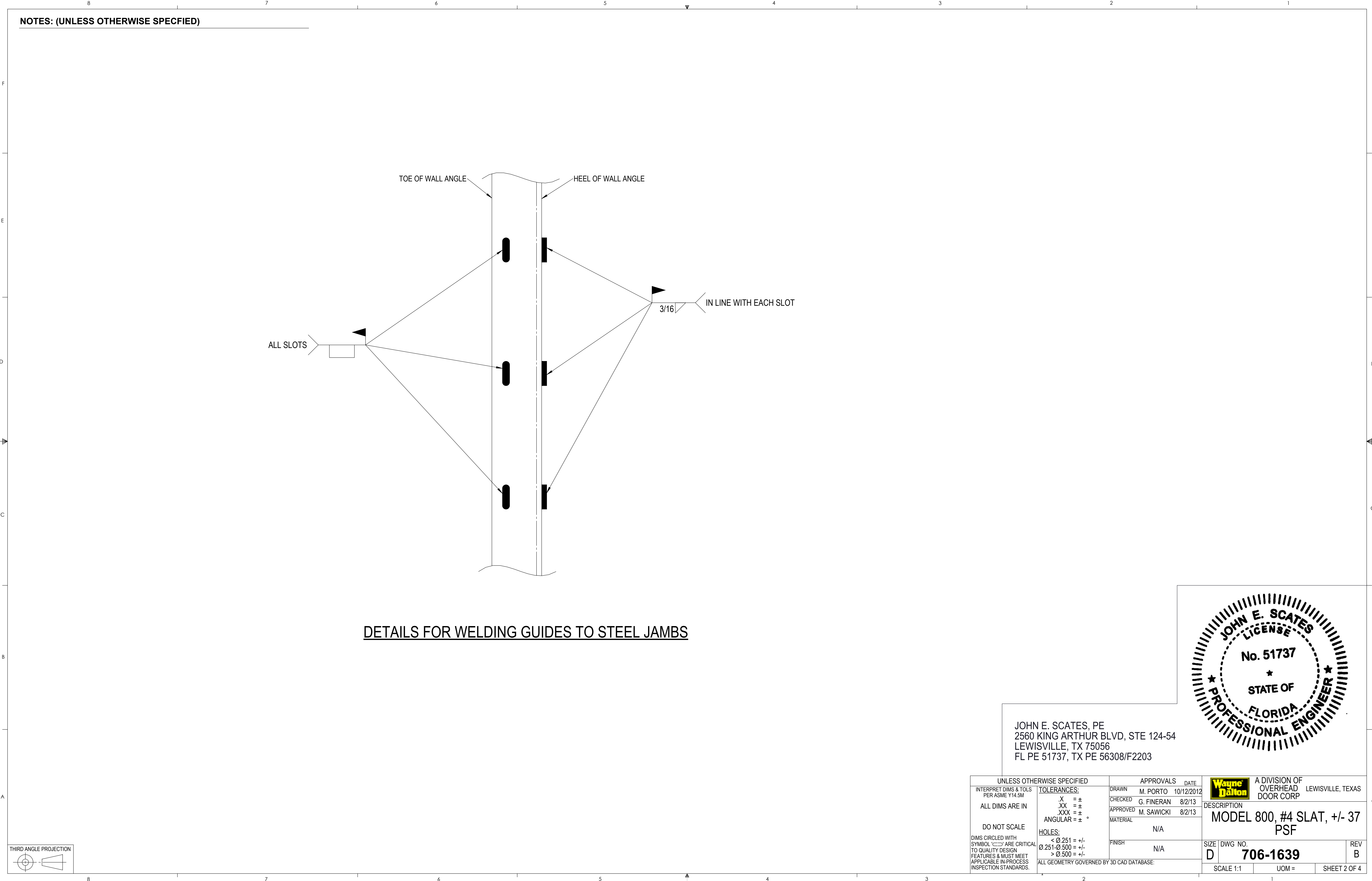
WINDLOCK DETAIL

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

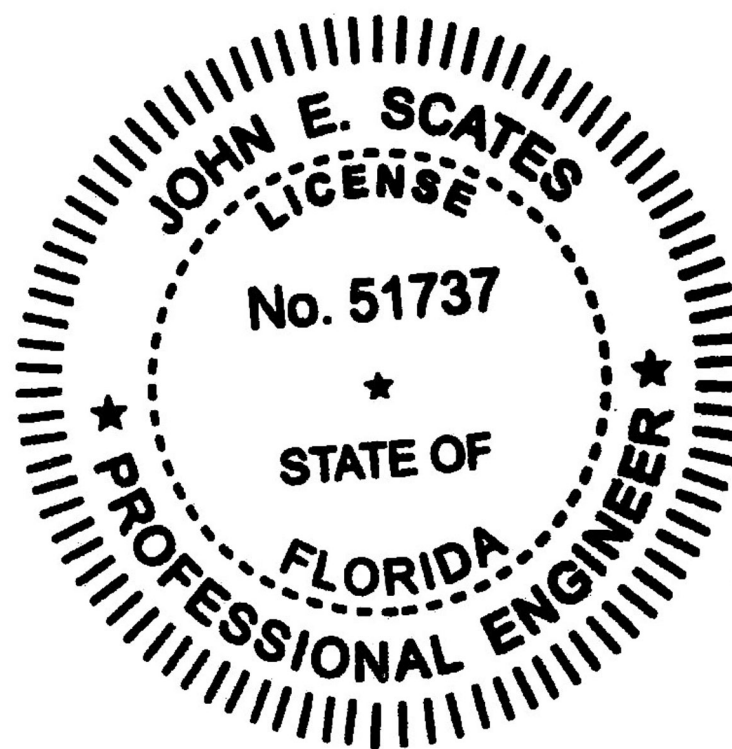
Digitally signed by John E. Scates, P.E.
Date: 2021.06.10 12:23:31 -05'00'



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, +/- 37 PSF				
ALL DIMS ARE IN INCHES				CHECKED		G. FINERAN 8/2/13							
				APPROVED		M. SAWICKI 8/2/13							
DO NOT SCALE				MATERIAL									
DIMS CIRCLED WITH SYMBOL () ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.				N/A									
				FINISH		N/A							
				TOLERANCES:								SIZE	
HOLES:								D		706-1639		B	
ALL GEOMETRY GOVERNED BY 3D CAD DATABASE: 017-0016													
								SCALE 1:1		UOM =		SHEET 1 OF 4	

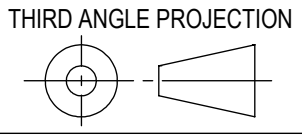


DETAILS FOR WELDING GUIDES TO STEEL JAMBS



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

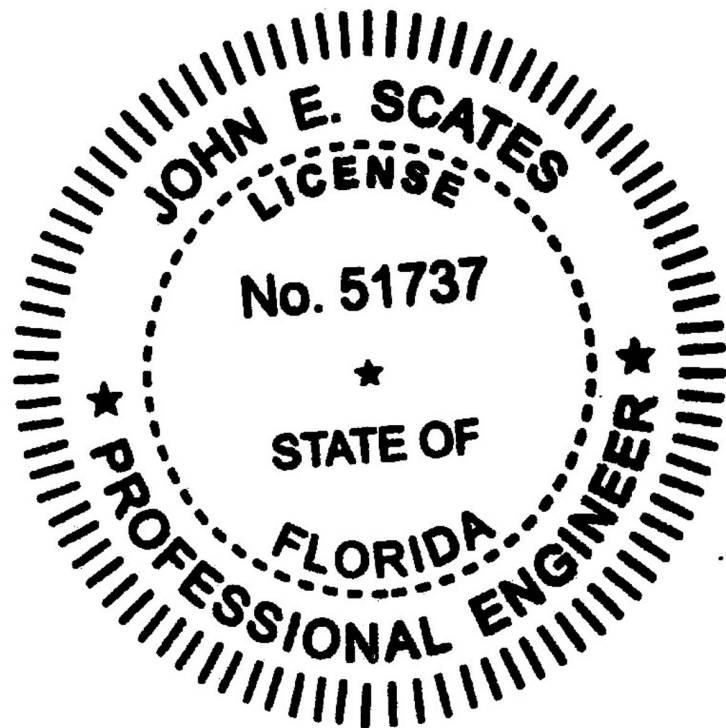
UNLESS OTHERWISE SPECIFIED				APPROVALS		DATE	 A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS
INTERPRET DIMS & TOLS PER ASME Y14.5M				DRAWN	M. PORTO	10/12/2012	
ALL DIMS ARE IN				CHECKED	G. FINERAN	8/2/13	
DO NOT SCALE				APPROVED	M. SAWICKI	8/2/13	
DIMS CIRCLED WITH SYMBOL  ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.				MATERIAL		N/A	DESCRIPTION MODEL 800, #4 SLAT, +/- 37 PSF
TOLERANCES: .X = ± .XX = ± .XXX = ± ANGULAR = ± °				FINISH		N/A	
HOLES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/-				ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:			SIZE DWG NO. D 706-1639
							REV B
							SCALE 1:1 UOM = SHEET 2 OF 4



NOTES: (UNLESS OTHERWISE SPECIFIED)

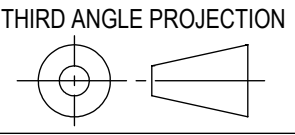
STL GUIDE	M-GUIDE																				
SLAT # 4	37 PSF																				
DOOR OPENING WIDTH	10'					12'						16'						20'		22'	
H	2.25	3.25	3.75	4.25	4.75	2.50	2.88	3.38	3.88	4.38	4.88	2.50	2.88	3.38	3.88	4.38	4.88	3.38	3.88	3.38	3.88
F1	3.00	3.00	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50	4.00	3.50	3.50	3.50	3.50	3.50	4.00	4.00	4.00	4.00	4.00
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	3.00	3.00	3.00	3.00
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	2.56	2.56	2.56	2.56	2.56	3.06	2.56	2.56	2.56	2.56	2.56	3.06	2.94	2.94	2.94	2.94
F2	2.00	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	2.50	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	2.50	2.50	2.50	2.50
T2	0.19	0.19	0.19	0.19	0.19	0.19	0.25	0.25	0.25	0.25	0.25	0.19	0.25	0.25	0.25	0.25	0.25	0.31	0.31	0.31	0.31
K2	0.88	0.88	0.88	0.88	1.25	0.88	0.88	0.88	0.88	0.88	1.38	0.88	0.88	0.88	0.88	0.88	1.38	1.25	1.25	1.25	1.25
F3	2.00	3.00	3.50	4.00	4.00	2.00	2.50	3.00	3.50	4.00	4.00	2.00	2.50	3.00	3.50	4.00	4.00	3.00	3.50	3.00	3.50
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	3.50	3.50	3.50	3.50
T3	0.19	0.25	0.25	0.38	0.38	0.25	0.38	0.38	0.38	0.38	0.38	0.25	0.38	0.38	0.38	0.38	0.38	0.50	0.50	0.50	0.50
K3	1.13	2.13	2.63	3.13	3.25	1.25	1.63	2.13	2.63	3.13	3.13	1.25	1.63	2.13	2.63	3.13	3.13	1.75	2.25	1.75	2.25
E	1.63	2.25	2.25	2.13	2.13	2.25	2.13	2.13	2.13	2.13	2.13	2.25	2.13	2.13	2.13	2.13	2.13	2.63	2.75	2.63	2.75
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	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.44	1.44	1.44	1.44
WALL ANCHOR DIA	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5/8	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	5/8
WALL ANCHOR EMBED	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	4 3/8	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	5 5/8	5 5/8	4 3/8
WALL ANCHOR SPACING	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	8.00	7.00	7.00	6.00	6.00	6.00	5.00	9.00
ASSY BOLT DIA	3/8	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	15	15	15	15	15	18	18	18	18	18	18	13	13	13	13	13	13	18	18	18	18
WINDLOCK FREQUENCY	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT
SLIP	1/8	1/8	1/8	1/8	1/8	1/4	1/4	5/16	5/16	5/16	5/16	9/16	13/16	13/16	13/16	13/16	13/16	7/8	7/8	7/8	3/4
MAX MOMENT (in*lb/LF)	2127	2883	3260	3638	4016	2822	3162	3087	3462	3837	4212	3779	3507	3989	4470	4951	5432	6069	6835	7180	8699
NORMAL (lb/LF)	185	185	185	185	185	222	222	222	222	222	222	296	296	296	296	296	296	370	370	407	407
PARALLEL (lb/LF)	755	755	755	755	755	907	907	750	750	750	750	1216	963	963	963	963	963	1531	1531	1834	1989

#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

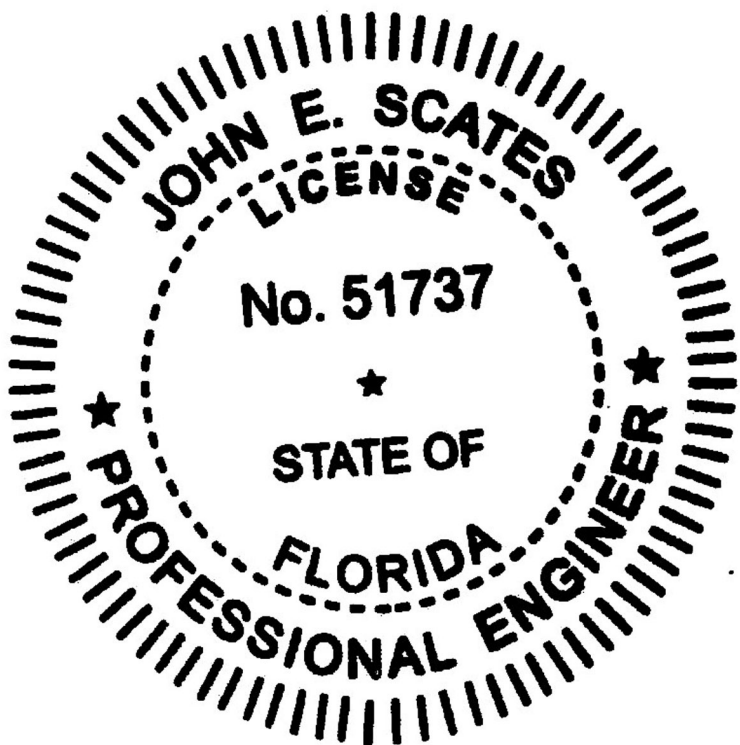
UNLESS OTHERWISE SPECIFIED			APPROVALS		DATE			A DIVISION OF OVERHEAD DOOR CORP			LEWISVILLE, TEXAS			
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES: X = ± XX = ± XXX = ± ANGULAR = ± °	ALL DIMS ARE IN	DO NOT SCALE	DIMs CIRCLED WITH SYMBOL () ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.	DRAWN			M. PORTO		10/12/2012		DESCRIPTION MODEL 800, #4 SLAT, +/- 37 PSF		
					CHECKED			G. FINERAN		8/2/13				
					APPROVED			M. SAWICKI		8/2/13				
MATERIAL					N/A			SIZE		DWG NO.		REV		
FINISH					N/A			D		706-1639		B		
ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:					SCALE 1:1		UOM =		SHEET 3 OF 4					



NOTES: (UNLESS OTHERWISE SPECIFIED)

STL GUIDE	S-GUIDE																				
SLAT # 4	37 PSF																				
DOOR OPENING WIDTH	10'					12'						16'						20'		22'	
H	2.25	3.25	3.75	4.25	4.75	2.50	2.88	3.38	3.88	4.38	4.88	2.50	2.88	3.38	3.88	4.38	4.88	3.38	3.88	3.38	3.88
F1	3.00	3.00	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50	4.00	3.50	3.50	3.50	3.50	3.50	4.00	4.00	4.00	4.00	4.00
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	3.00	3.00	3.00	3.00
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	2.56	2.56	2.56	2.56	2.56	3.06	2.56	2.56	2.56	2.56	2.56	3.06	2.94	2.94	2.94	2.94
F2	1.50	2.00	2.00	2.00	2.50	1.50	1.50	1.50	1.50	1.50	2.00	1.50	1.50	1.50	1.50	1.50	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	2.50	2.50	2.50	2.50
T2	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.25	0.19	0.19	0.19	0.19	0.19	0.25	0.31	0.31	0.31	0.31
K2	0.88	0.88	0.88	0.88	1.25	0.88	0.88	0.88	0.88	0.88	1.38	0.88	0.88	0.88	0.88	0.88	1.38	1.25	1.25	1.25	1.25
F3	2.00	3.00	3.50	4.00	4.00	2.00	2.50	3.00	3.50	4.00	4.00	2.00	2.50	3.00	3.50	4.00	4.00	3.00	3.50	3.00	3.50
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	3.00	3.00	3.00	3.00
T3	0.19	0.25	0.25	0.38	0.38	0.25	0.38	0.38	0.38	0.38	0.38	0.25	0.38	0.38	0.38	0.38	0.38	0.50	0.50	0.50	0.50
K3	1.13	2.13	2.63	3.13	3.25	1.25	1.63	2.13	2.63	3.13	3.13	1.25	1.63	2.13	2.63	3.13	3.13	1.75	2.25	1.75	2.25
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	1.63	1.63	1.63	1.63
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	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.44	1.44	1.44	1.44
WALL BOLT DIA	3/8	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	12.00	12.00	12.00	12.00	12.00	18.00	18.00	18.00	18.00	18.00	18.00	15.00	15.00	15.00	15.00	15.00	15.00	18.00	18.00	18.00	18.00
ASSY BOLT DIA	3/8	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	15	15	15	15	15	18	18	18	18	18	18	13	13	13	13	13	13	18	18	18	18
WINDLOCK FREQUENCY	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT
SLIP	1/8	1/8	1/8	1/8	1/8	1/4	1/4	5/16	5/16	5/16	5/16	9/16	13/16	13/16	13/16	13/16	13/16	7/8	7/8	7/8	3/4
MAX MOMENT (in*lb/LF)	1734	2489	2867	3245	3634	2322	2662	2587	2962	3337	3712	3113	2841	3323	3804	4285	4766	5260	6025	6290	7809
NORMAL (lb/LF)	185	185	185	185	185	222	222	222	222	222	222	296	296	296	296	296	296	370	370	407	407
PARALLEL (lb/LF)	755	755	755	755	755	907	907	750	750	750	750	1216	963	963	963	963	963	1531	1531	1834	1989

#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			
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES: X = ± XX = ± XXX = ± ANGULAR = ± °	ALL DIMS ARE IN	DO NOT SCALE	DRAWN	M. PORTO		10/12/2012	DESCRIPTION MODEL 800, #4 SLAT, +/- 37 PSF					
				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.	HOLES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/- ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:			MATERIAL	N/A		FINISH	N/A		SIZE	DWG NO.	REV	
								SCALE 1:1		UOM =		SHEET 4 OF 4	

