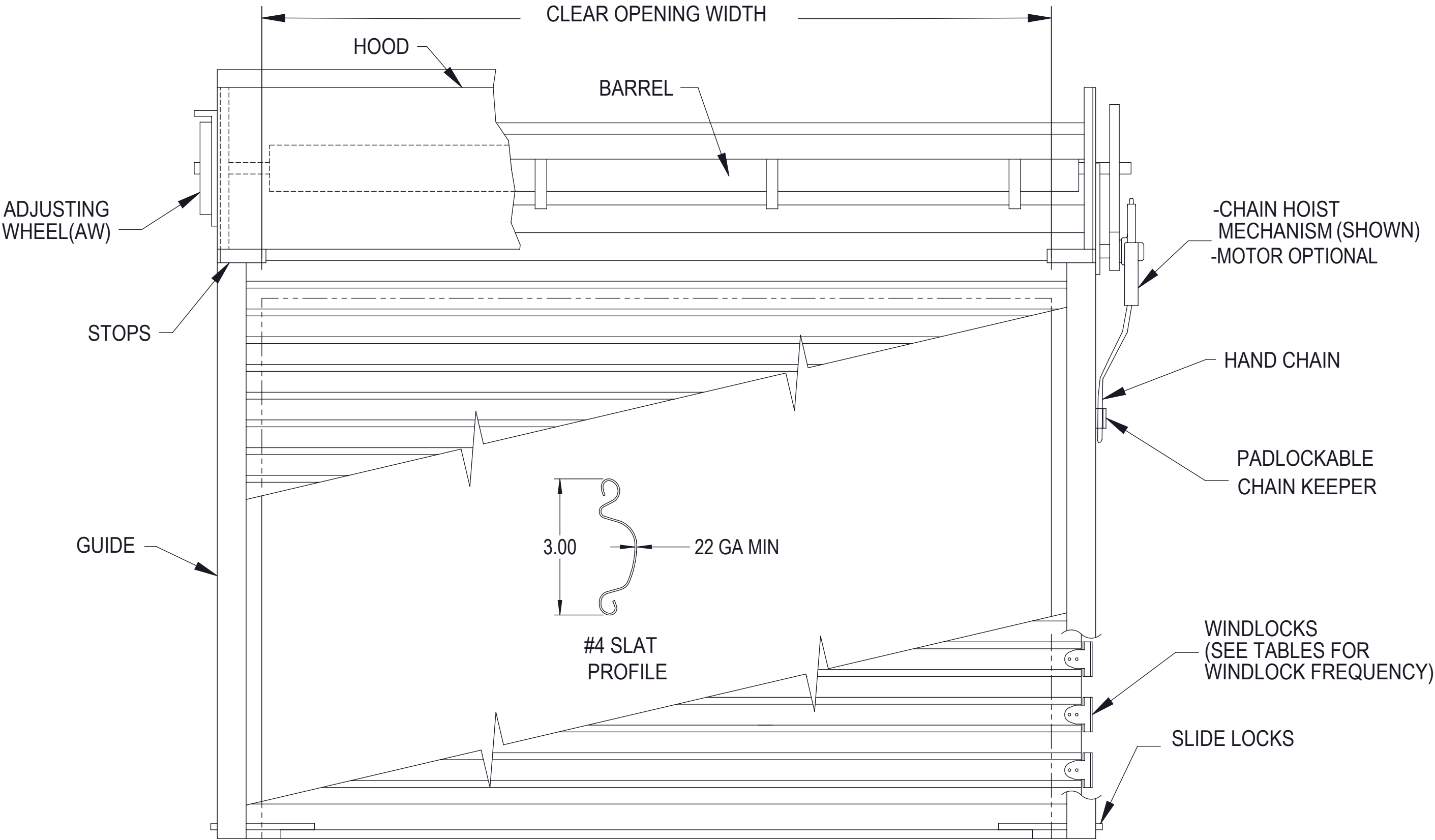


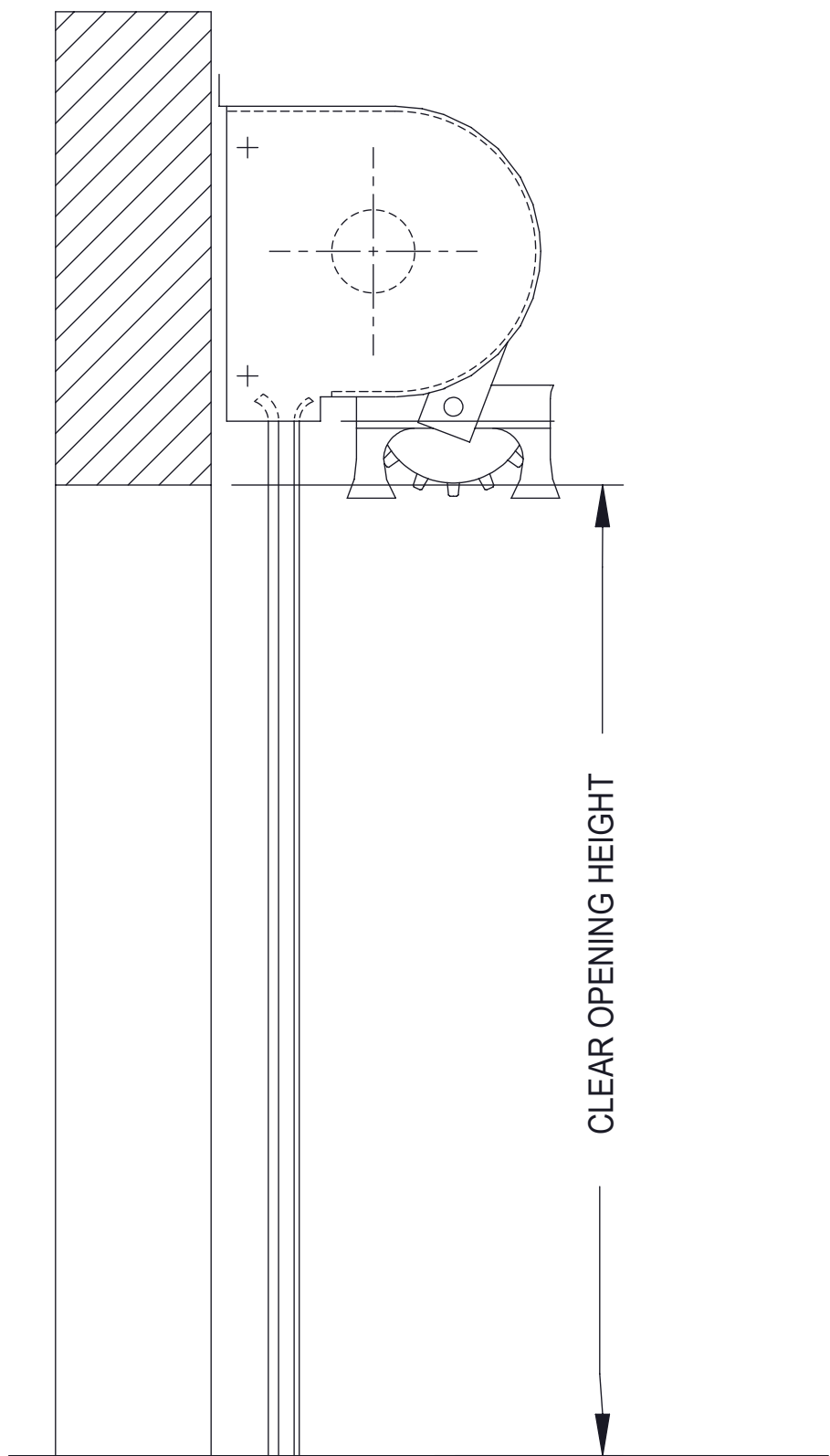
NOTES: (UNLESS OTHERWISE SPECIFIED)

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.

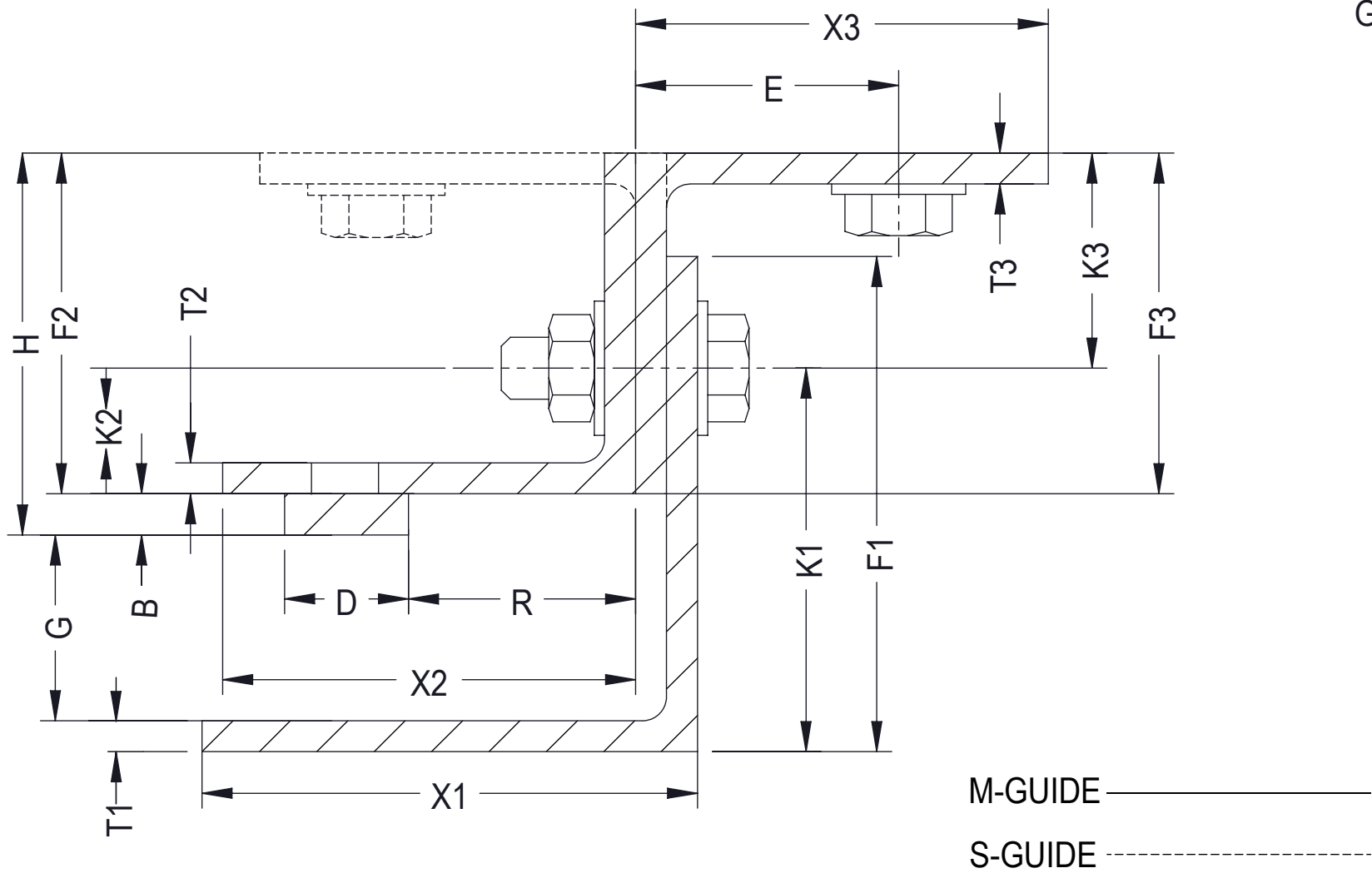
REVISIONS				
ER	REV	DESCRIPTION	DATE	APVL
502204	-	RELEASE FOR PRODUCTION	8/2/13	MS
502356	A	REVISION PER ER	10/18/13	MS
PCR-32642	B	REV PER PCR	6/3/2021	RO



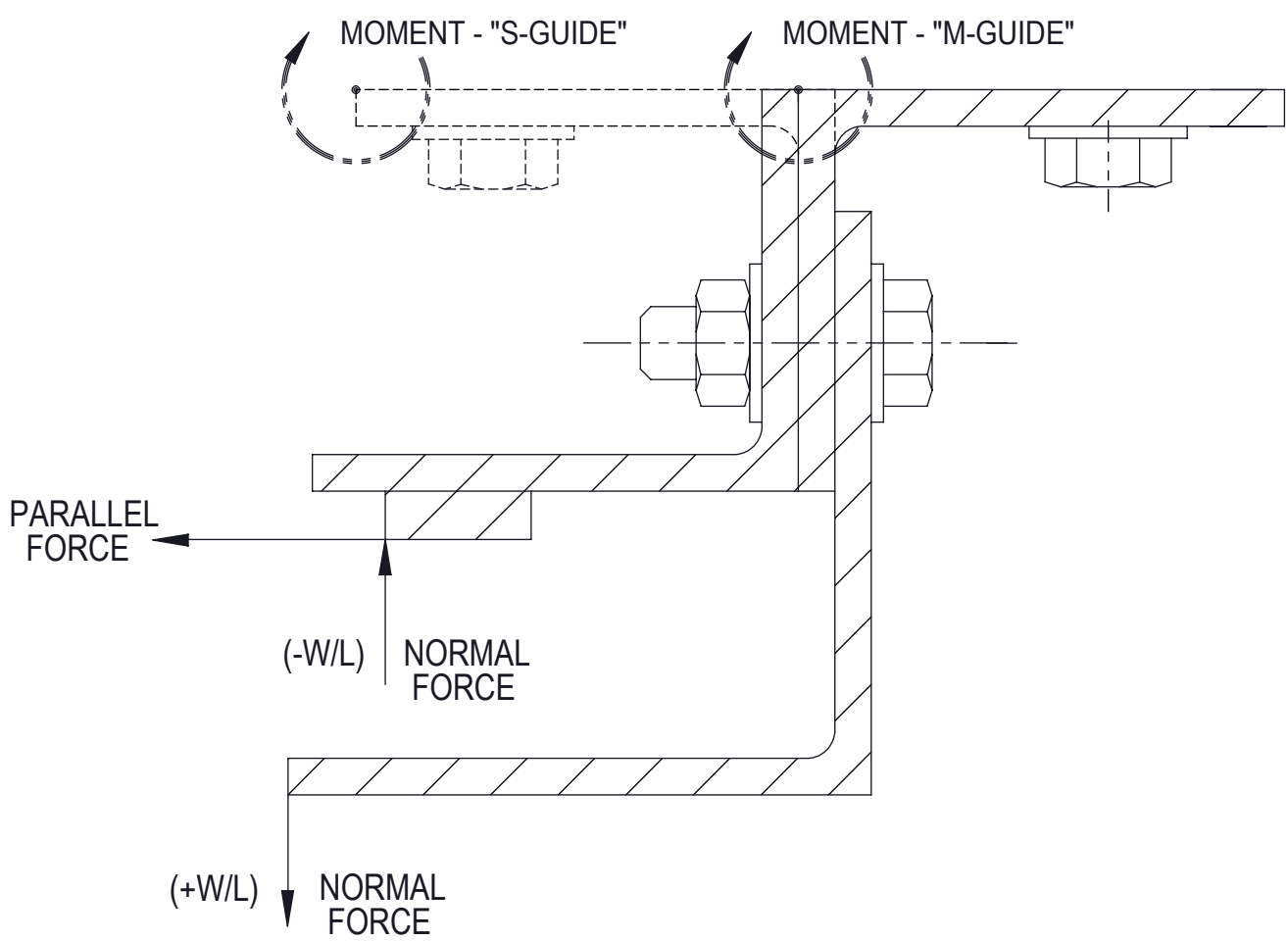
COILSIDE ELEVATION



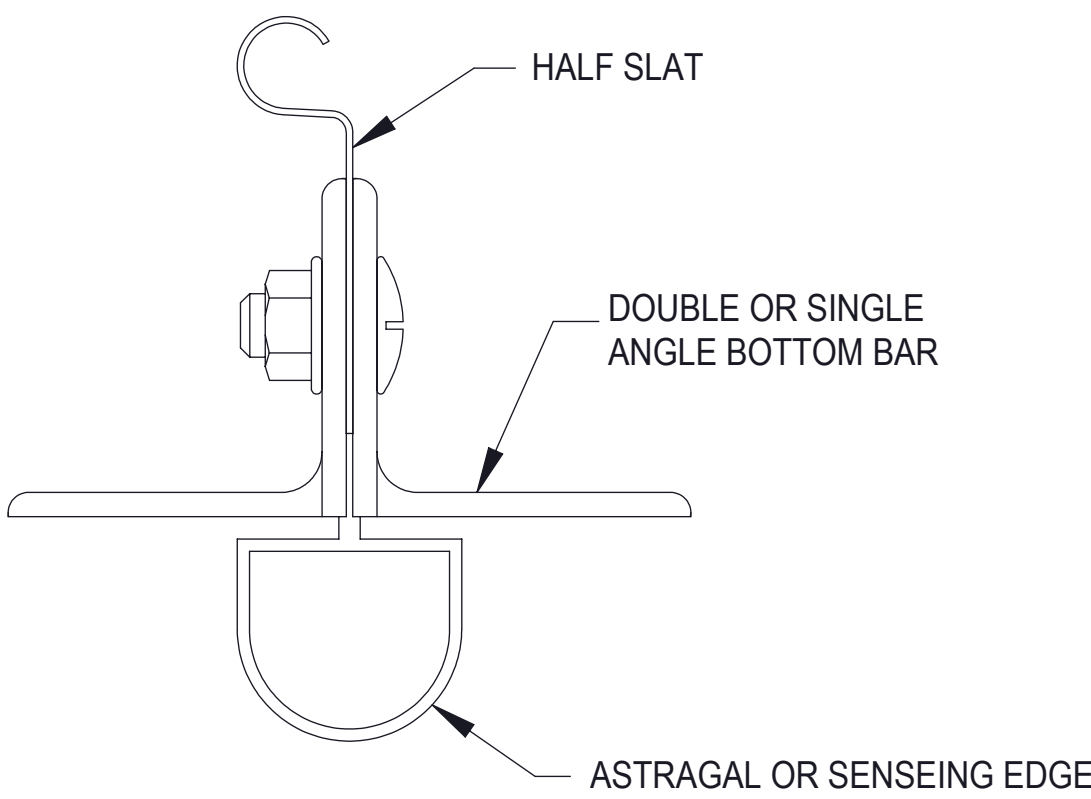
VERTICAL DETAIL



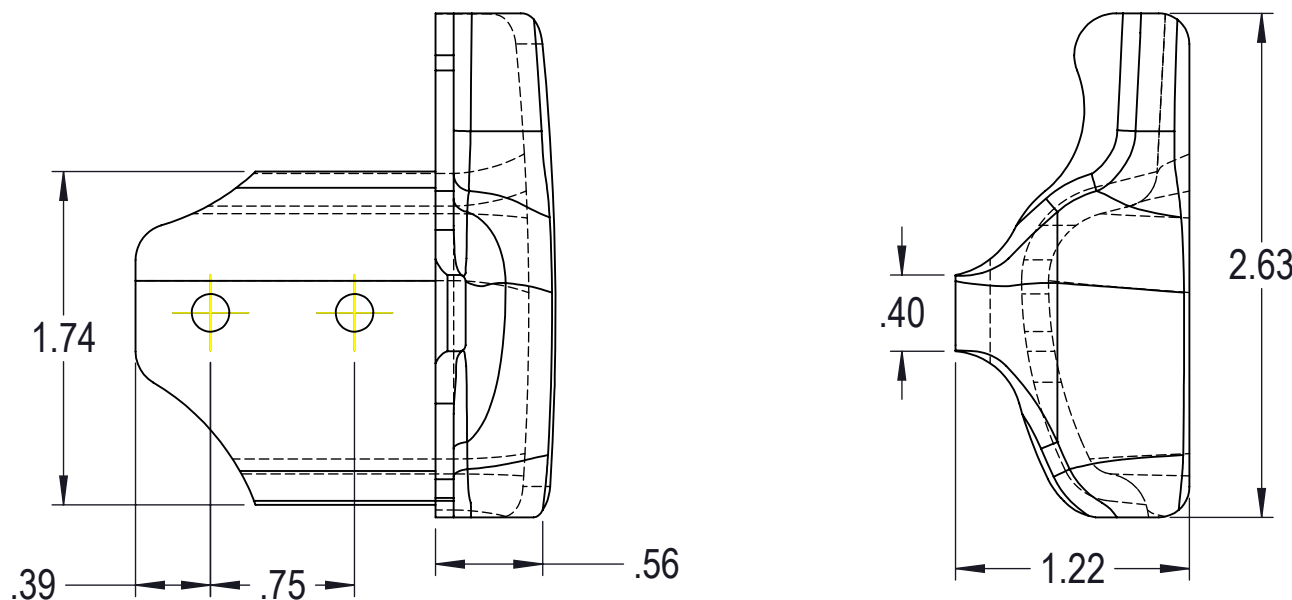
GUIDE DETAIL



FORCE DETAIL



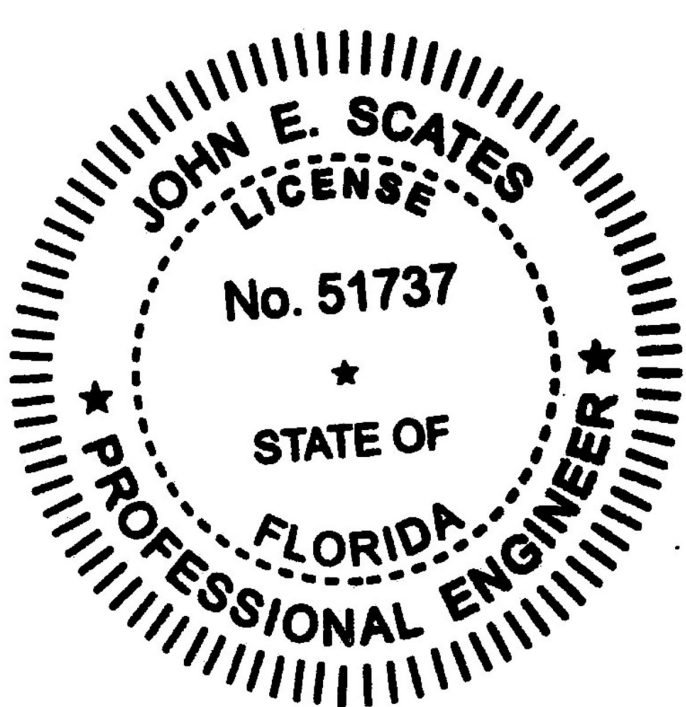
BOTTOM BAR DETAIL

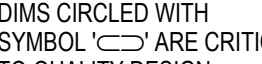


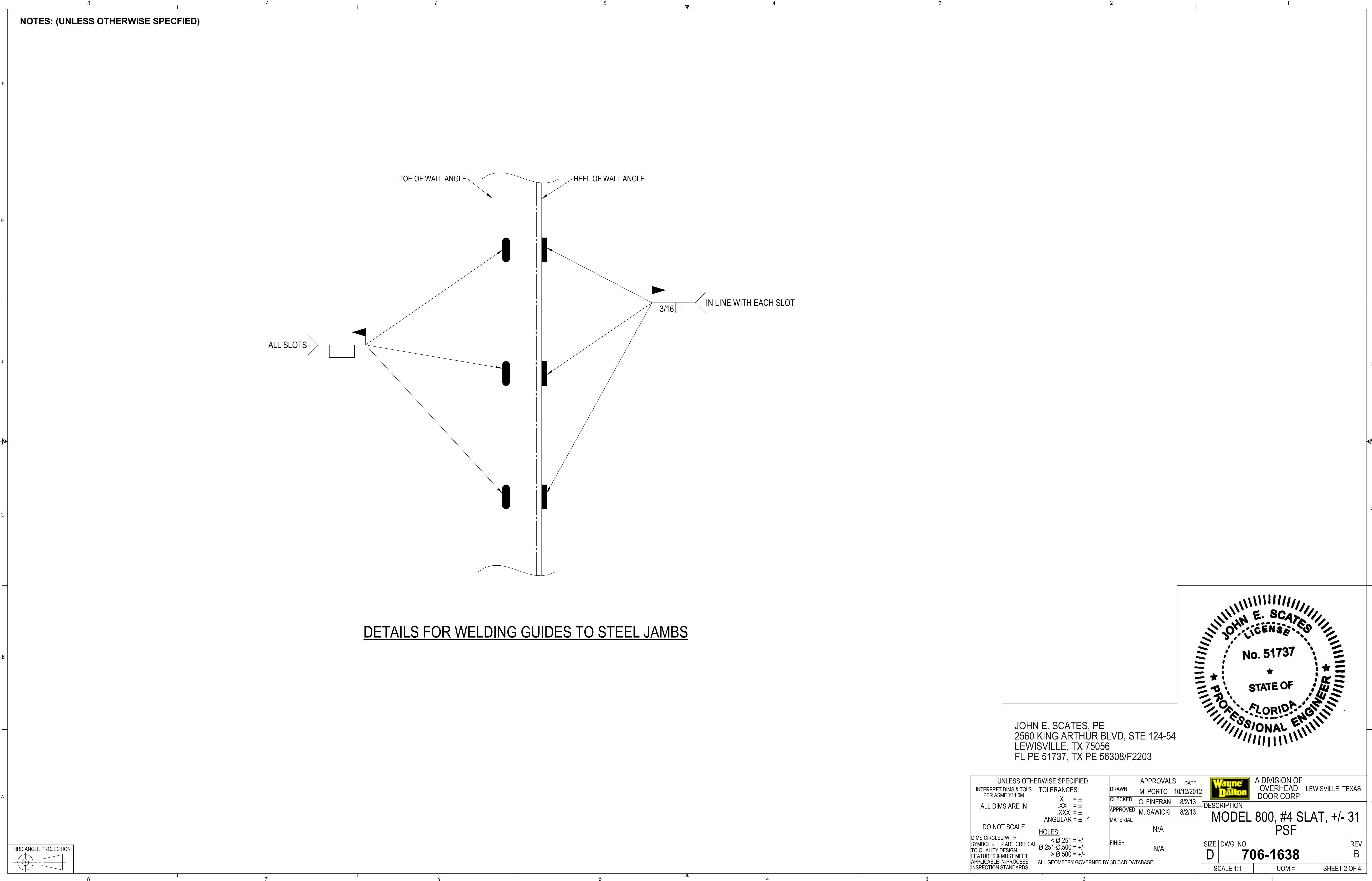
WINDLOCK DETAIL

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

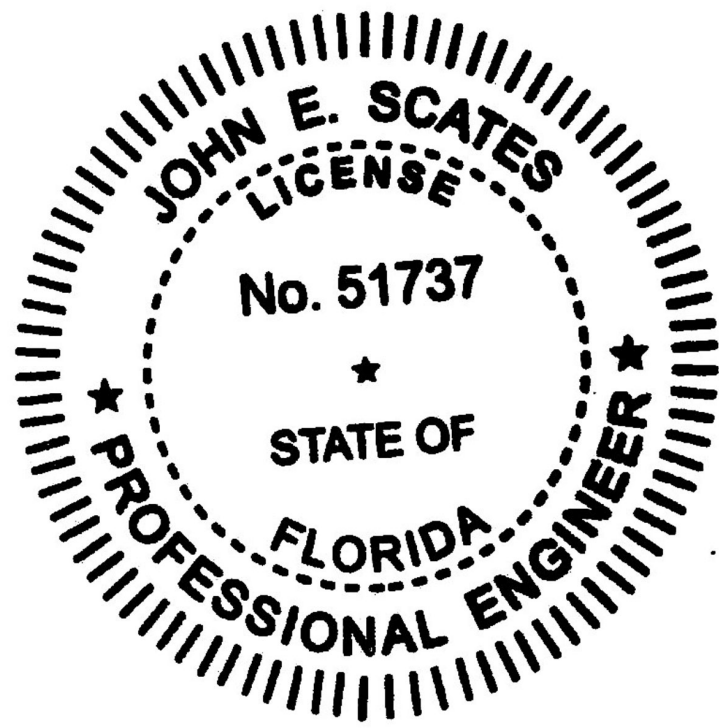
Digitally signed by John E. Scates, P.E.
Date: 2021.06.10 12:24:38 -05'00'



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, +/- 31 PSF				
ALL DIMS ARE IN INCHES				CHECKED	G. FINERAN 8/2/13						
				APPROVED	M. SAWICKI 8/2/13						
DO NOT SCALE			MATERIAL								
			N/A								
DIMs CIRCLED WITH SYMBOL  ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.			FINISH				SIZE	DWG NO.	REV		
			N/A		D		706-1638	B			
			ALL GEOMETRY GOVERNED BY 3D CAD DATABASE: 017-0016					SCALE 1:1		UOM =	SHEET 1 OF 4

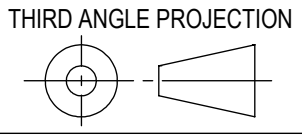


DETAILS FOR WELDING GUIDES TO STEEL JAMBS



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

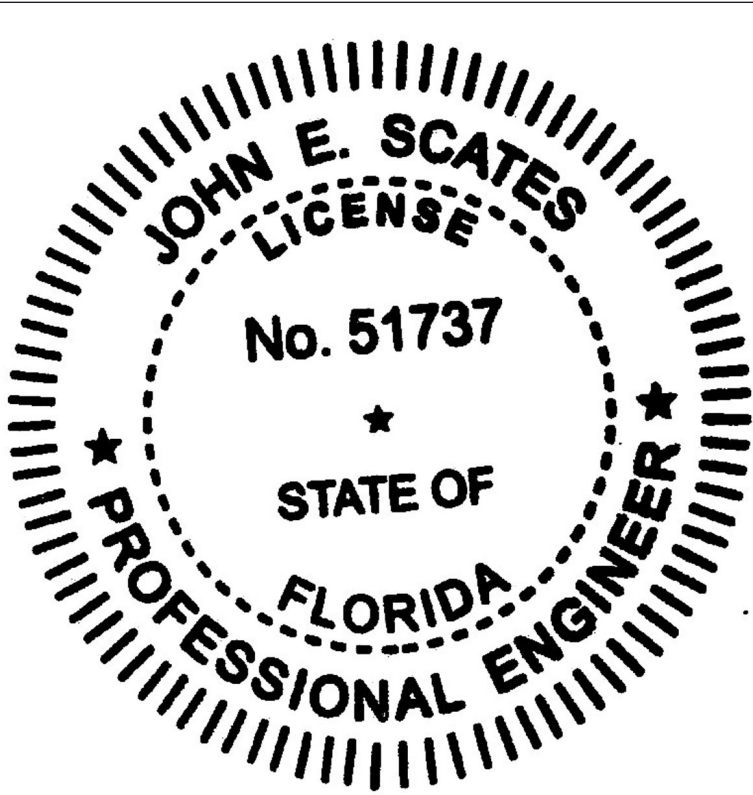
UNLESS OTHERWISE SPECIFIED			APPROVALS		DATE		A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS		
INTERPRET DIMS & TOLS PER ASME Y14.5M			DRAWN	M. PORTO	10/12/2012		DESCRIPTION MODEL 800, #4 SLAT, +/- 31 PSF		
ALL DIMS ARE IN			CHECKED	G. FINERAN	8/2/13				
DO NOT SCALE			APPROVED	M. SAWICKI	8/2/13				
DIMS CIRCLED WITH SYMBOL  ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.			TOLERANCES:			MATERIAL			
			X = ±			N/A			
			XX = ±			FINISH			
			XXX = ±			N/A			
			ANGULAR = ± °			SIZE DWG NO.			
			HOLES:			REV			
			< Ø.251 = +/-			D			
			Ø.251-Ø.500 = +/-			706-1638			
			> Ø.500 = +/-			B			
			ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:			SCALE 1:1			
						UOM =			
						SHEET 2 OF 4			



NOTES: (UNLESS OTHERWISE SPECIFIED)

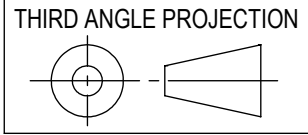
STL GUIDE	M-GUIDE																				
SLAT # 4	31 PSF																				
DOOR OPENING WIDTH	10'					12'						16'						20'		22'	
H	2.25	3.25	3.75	4.25	4.75	2.50	2.88	3.38	3.88	4.38	4.88	2.50	2.88	3.38	3.88	4.38	4.88	3.38	3.88	3.38	3.88
F1	3.00	3.00	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50	4.00	3.50	3.50	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	0.19	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	3.50	3.50	3.50	3.50
T3	0.19	0.25	0.25	0.38	0.38	0.25	0.25	0.38	0.38	0.38	0.38	0.25	0.25	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	2.25	2.13	2.13	2.13	2.13	2.25	2.25	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	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	1/2	1/2	1/2	1/2
WALL ANCHOR EMBED	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	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	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
WALL ANCHOR SPACING	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	9.00	8.00	8.00	6.00	6.00
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	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	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	1/4	1/4	1/4	5/16	7/16	1/2	11/16	3/4	13/16	13/16	7/8	7/8	7/8	7/8
MAX MOMENT (in*lb/LF)	1471	1965	2213	2460	2707	2123	2371	2703	3034	3366	3057	3454	3612	3465	3698	3907	4283	4966	5590	5918	6672
NORMAL (lb/LF)	155	155	155	155	155	186	186	186	186	186	186	248	248	248	248	248	248	310	310	341	341
PARALLEL (lb/LF)	494	494	494	494	494	663	663	663	663	663	532	1133	1041	843	794	751	751	1248	1248	1507	1507

#4 SLAT, STEEL M-GUIDE



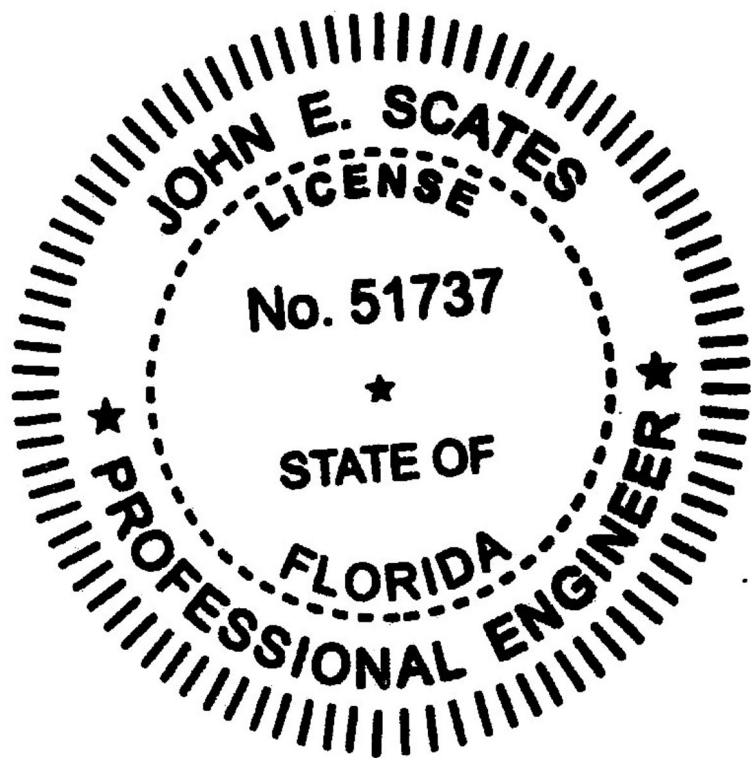
JOHN E. SCATES, PE
2560 KING ARTHUR BLVD, STE 124-54
LEWISVILLE, TX 75056
FL PE 51737, TX PE 56308/F2203

UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE	A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS	DESCRIPTION MODEL 800, #4 SLAT, +/- 31 PSF		
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES: .X = ± .XX = ± .XXX = ± ANGULAR = ± ° HOLES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/- ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:	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	SIZE		DWG NO.	REV
		FINISH		N/A	D		706-1638	B
					SCALE 1:1		UOM =	SHEET 3 OF 4



NOTES: (UNLESS OTHERWISE SPECIFIED)																					
STL GUIDE	S-GUIDE																				
SLAT # 4	31 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	0.25	0.38	0.38	0.38	0.38	0.25	0.25	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	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	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	1/4	1/4	1/4	5/16	7/16	1/2	11/16	3/4	13/16	13/16	7/8	7/8	7/8	7/8
MAX MOMENT (in*lb/LF)	1142	1636	1883	2130	2387	1704	1953	2284	2616	2948	2639	2896	3054	2907	3140	3349	3725	4288	4912	5172	5926
NORMAL (lb/LF)	155	155	155	155	155	186	186	186	186	186	186	248	248	248	248	248	248	310	310	341	341
PARALLEL (lb/LF)	494	494	494	494	494	663	663	663	663	663	532	1133	1041	843	794	751	751	1248	1248	1507	1507

#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 = ± °		DRAWN		M. PORTO		10/12/2012			
ALL DIMS ARE IN				CHECKED		G. FINERAN		8/2/13			
				APPROVED		M. SAWICKI		8/2/13			
				MATERIAL		N/A					
DO NOT SCALE		HOLES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/-		FINISH		N/A		DESCRIPTION MODEL 800, #4 SLAT, +/- 31 PSF			
DIMS CIRCLED WITH SYMBOL () ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.				N/A							
				N/A							
		ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:				SIZE		DWG NO.		REV	
						D		706-1638		B	
						SCALE 1:1		UOM =		SHEET 4 OF 4	

