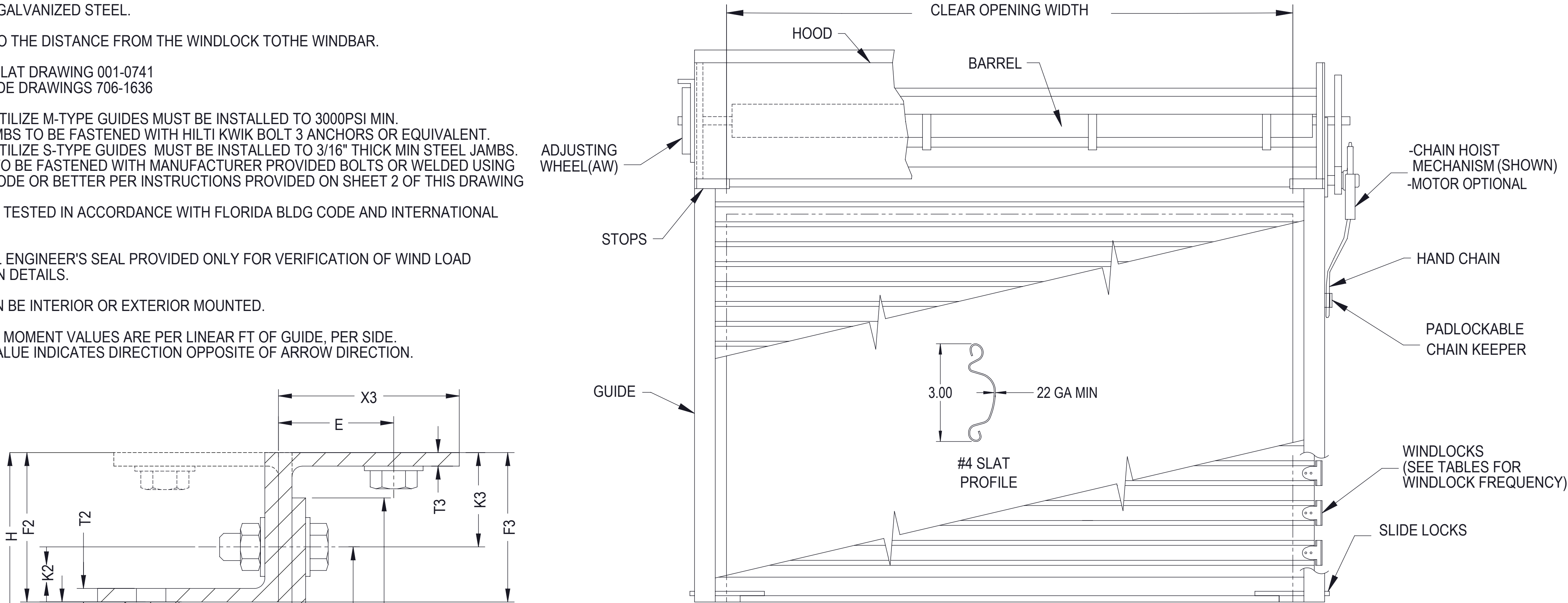


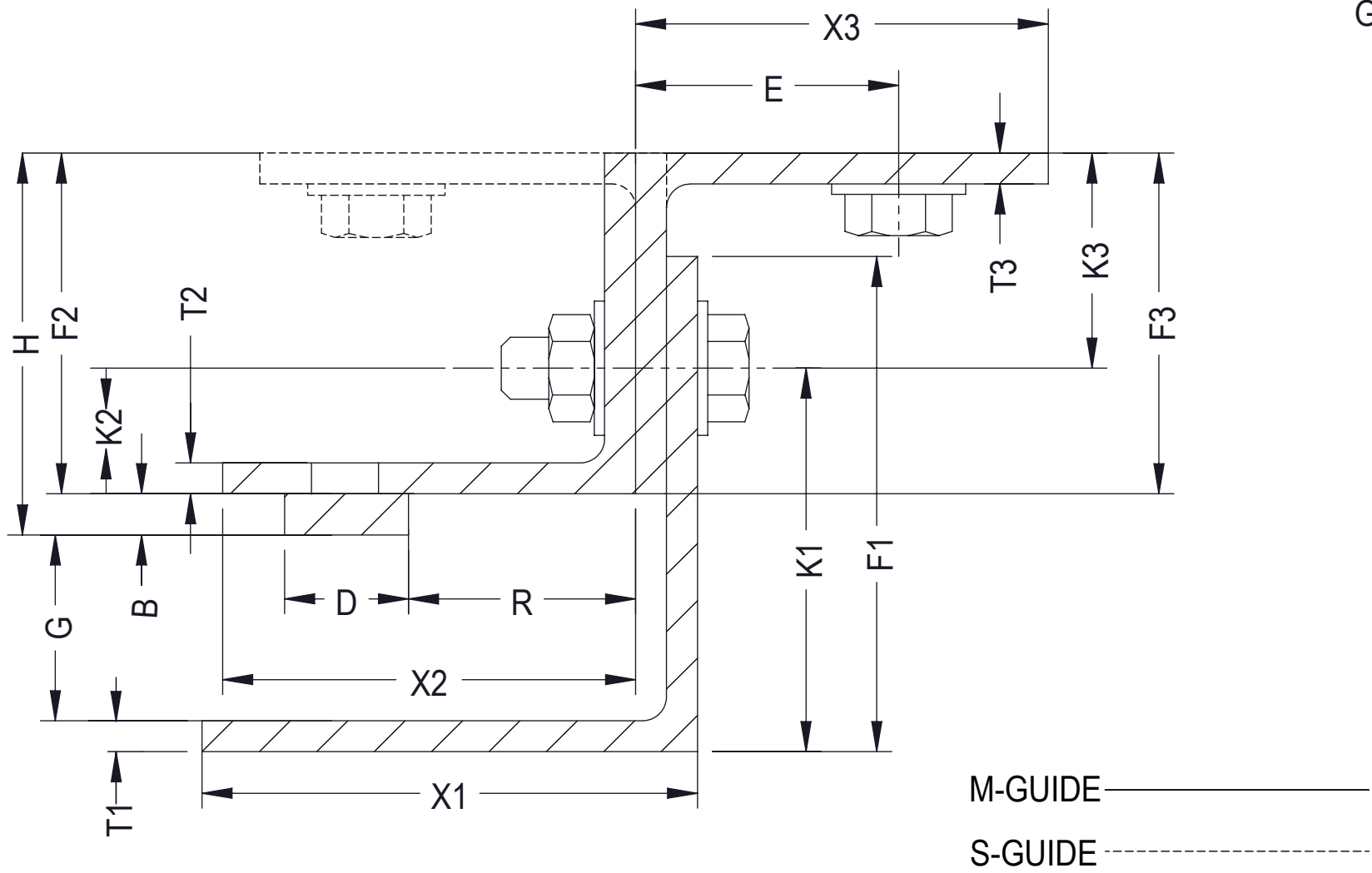
NOTES: (UNLESS OTHERWISE SPECIFIED)

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 706-1636
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.

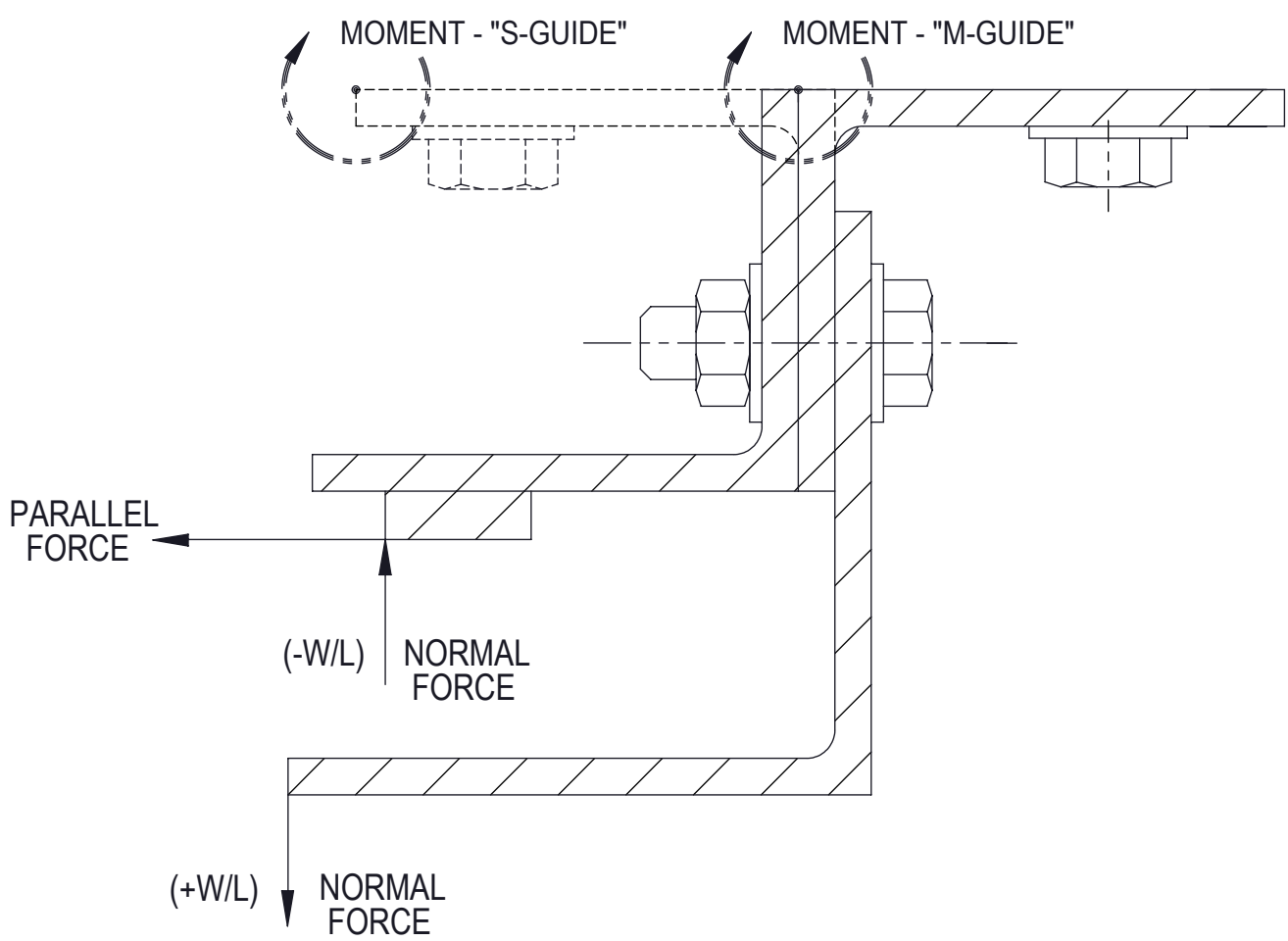
REVISIONS				
ER	REV	DESCRIPTION	DATE	APVL
502204	-	RELEASE FOR PRODUCTION	8/2/13	MS
502356	A	REVISION PER ER	10/18/13	MS
PCR-32642	B	REV PER PCR	6/3/2021	RO



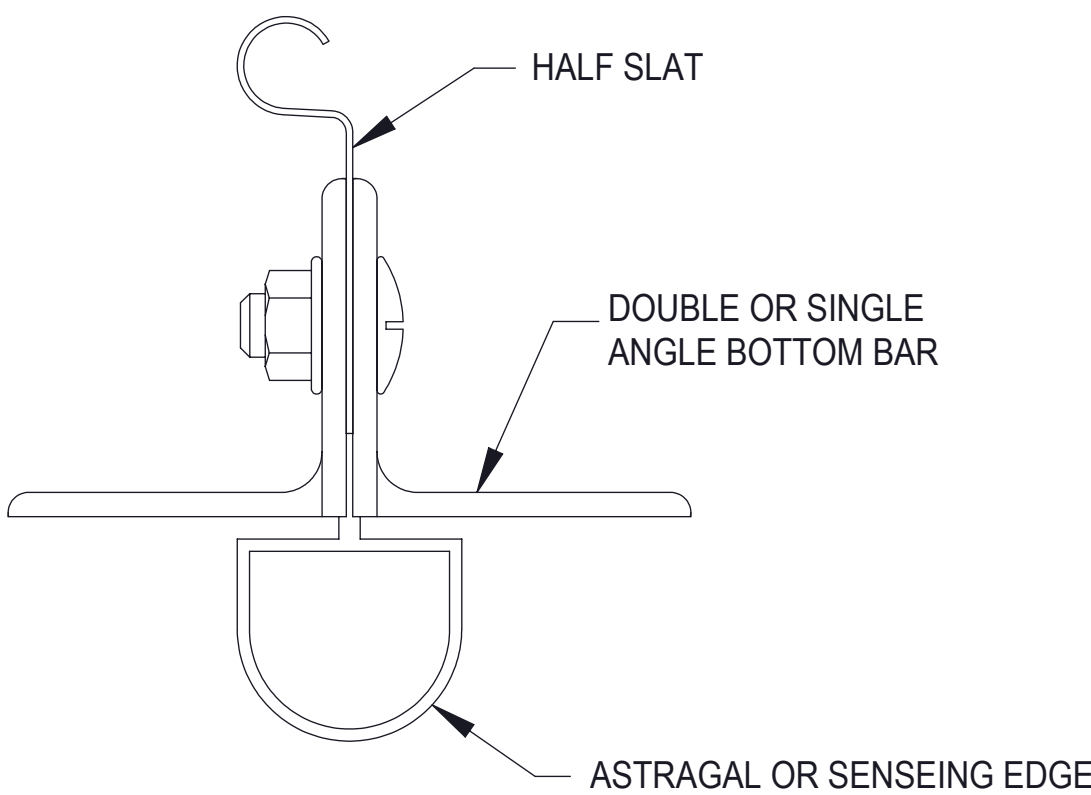
COILSIDE ELEVATION



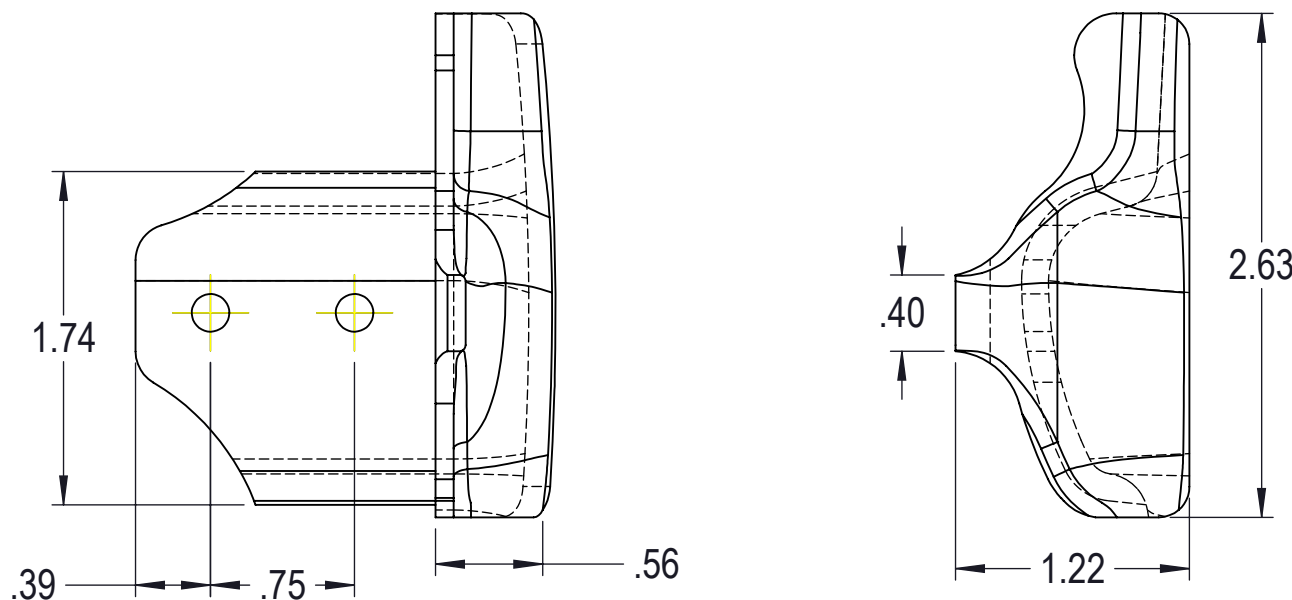
GUIDE DETAIL



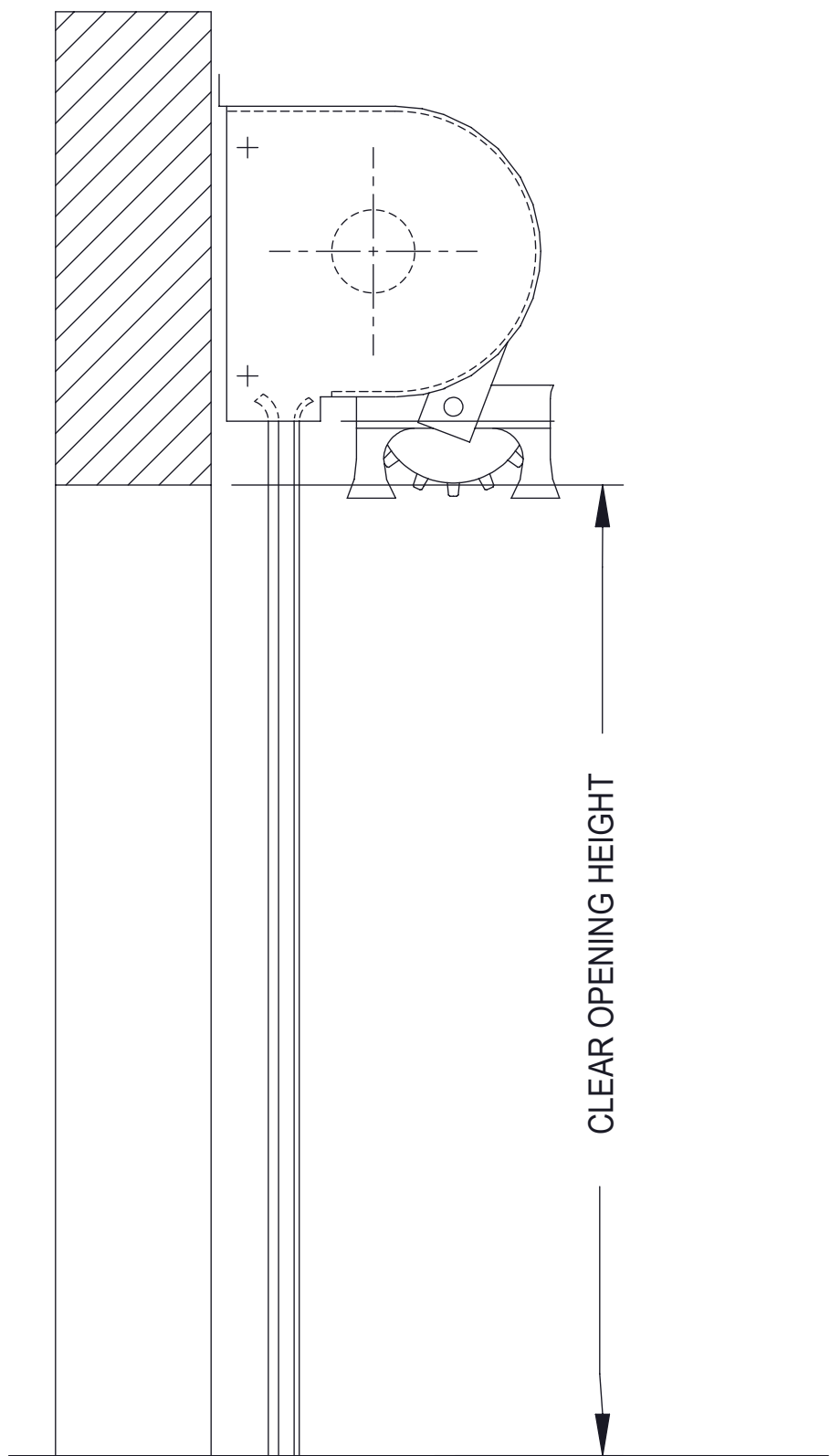
FORCE DETAIL



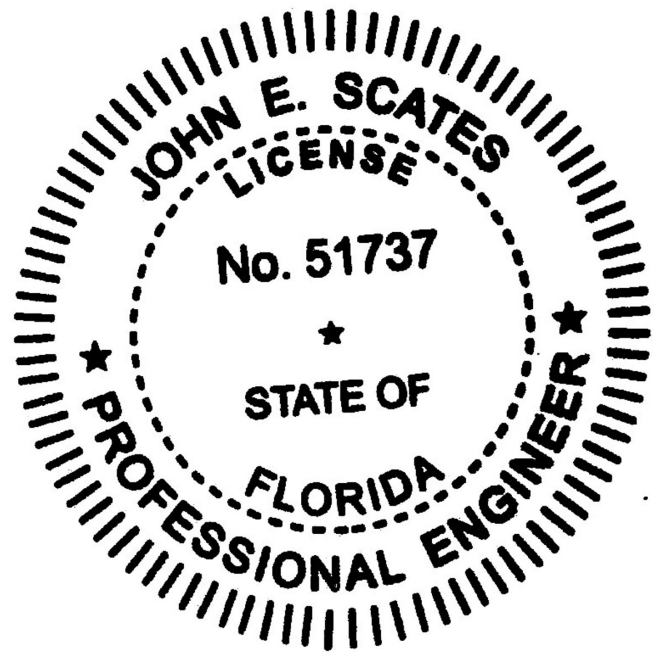
BOTTOM BAR DETAIL



WINDLOCK DETAIL



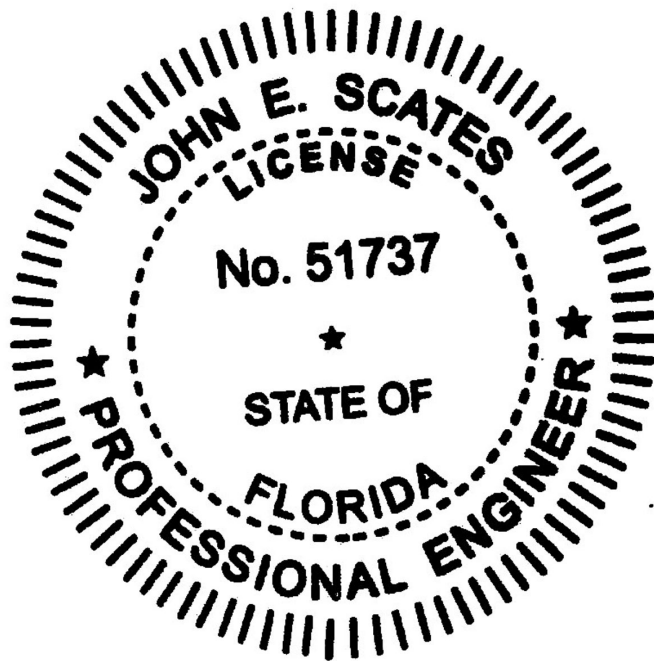
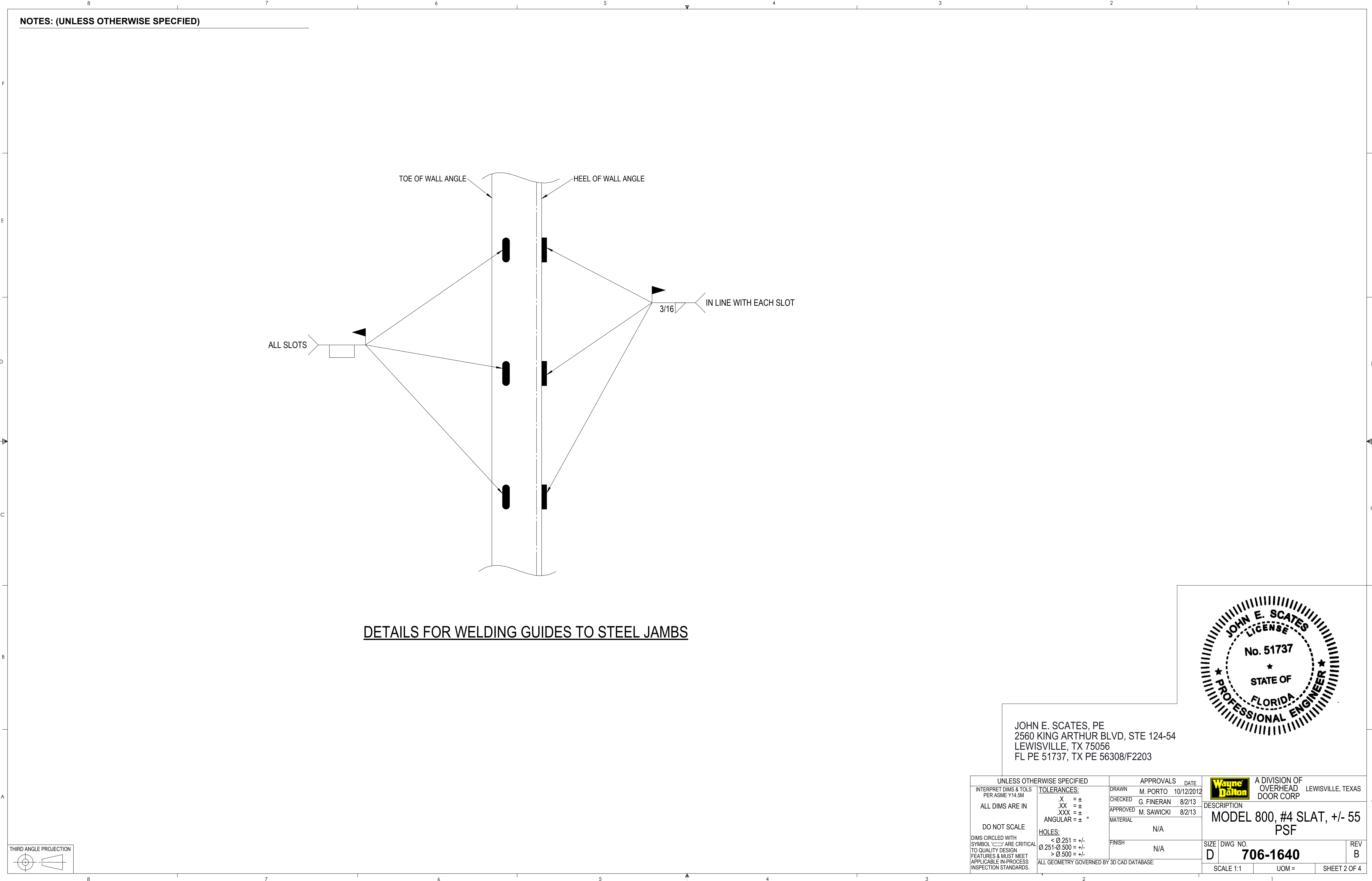
VERTICAL DETAIL



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 12:20:52 -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, +/- 55 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:				ALL GEOMETRY GOVERNED BY 3D CAD DATABASE: 017-0016					
			X = ±		MATERIAL							
			XX = ±		FINISH							
			XXX = ±		N/A		SIZE		DWG NO.		REV	
			ANGULAR = ±				D		706-1640		B	
			HOLES:									
			< Ø.251 = +/-									
			Ø.251-Ø.500 = +/-		N/A							
			> Ø.500 = +/-									



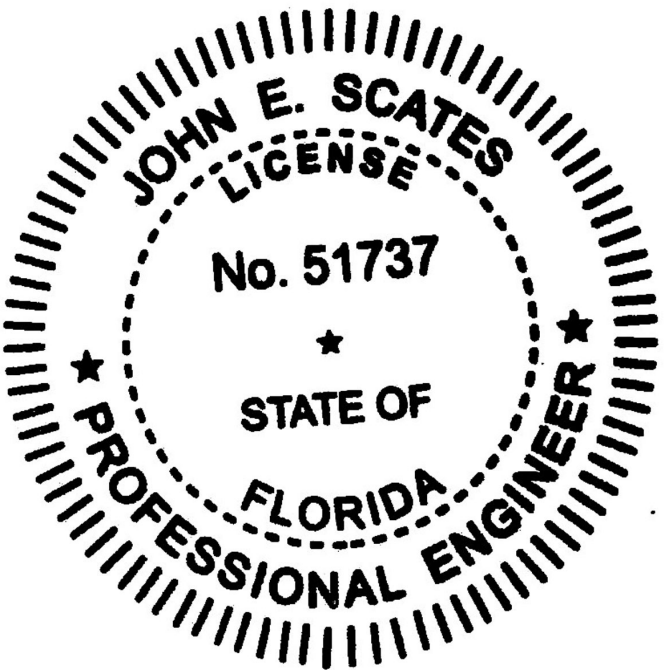
JOHN E. SCATES, PE
2560 KING ARTHUR BLVD, STE 124-54
LEWISVILLE, TX 75056
FL PE 51737, TX PE 56308/F2203

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	DESCRIPTION MODEL 800, #4 SLAT, +/- 55 PSF				
		CHECKED	G. FINERAN	8/2/13					
		APPROVED	M. SAWICKI	8/2/13					
ALL DIMS ARE IN		MATERIAL							
DO NOT SCALE			N/A						
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 = +/-	FINISH	N/A			SIZE	DWG NO.	REV	
					D	706-1640	B		
	ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:								
						SCALE 1:1		UOM =	SHEET 2 OF 4

NOTES: (UNLESS OTHERWISE SPECIFIED)

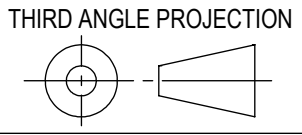
STL GUIDE	M-GUIDE																	
SLAT # 4	55 PSF																	
DOOR OPENING WIDTH	10'			12'			16'				20'				22'			
H	3.13	3.63	4.13	3.13	3.63	4.13	3.13	3.63	4.13	4.63	3.13	3.63	4.13	4.63	3.13	3.63	4.13	4.63
F1	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
X1	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
T1	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	0.25
K1	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81
F2	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
X2	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
T2	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
K2	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
F3	3.00	3.50	4.00	3.00	3.50	4.00	3.00	3.50	4.00	4.00	3.00	3.50	4.00	4.00	3.00	3.50	4.00	4.00
X3	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
T3	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
K3	1.69	2.19	2.63	1.69	2.19	2.63	1.69	2.19	2.63	3.13	1.69	2.19	2.63	3.13	1.69	2.19	2.63	3.13
E	3.00	3.00	3.13	3.00	3.00	3.13	3.00	3.00	3.13	3.13	3.00	3.00	3.13	3.13	3.00	3.00	3.13	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
B	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	0.38	0.38
D	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	1.00	1.00
R	1.75	1.63	1.63	1.75	1.63	1.63	1.75	1.63	1.63	1.63	1.75	1.63	1.63	1.63	1.75	1.63	1.63	1.63
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	3/4	3/4	3/4	5/8	5/8	5/8	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	5 5/8	5 5/8	5 5/8	4 3/8	4 3/8	4 3/8	4 3/8
WALL ANCHOR SPACING	14.00	13.00	13.00	10.00	10.00	10.00	10.00	9.00	9.00	8.00	6.00	5.00	5.00	5.00	7.00	7.00	7.00	7.00
ASSY BOLT DIA	1/2	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
ASSY BOLT GRADE	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ASSY BOLT SPACING	18	18	18	15	15	15	18	18	18	18	13	13	13	13	12	12	12	12
WINDLOCK FREQUENCY	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT
SLIP	3/16	3/16	3/16	3/8	3/8	3/8	15/16	15/16	15/16	15/16	1 3/16	1 1/16	1 1/16	1 1/16	3/4	3/4	7/8	1 1/16
MAX MOMENT (in*lb/LF)	4202	4719	5271	4765	5340	5958	5799	6478	7212	7946	7855	9242	10318	11393	11174	12620	13190	13368
NORMAL (lb/LF)	275	275	275	330	330	330	440	440	440	440	550	550	550	550	605	605	605	605
PARALLEL (lb/LF)	1103	1103	1103	1234	1234	1234	1468	1468	1468	1468	2029	2151	2151	2151	3043	3043	2813	2547

#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

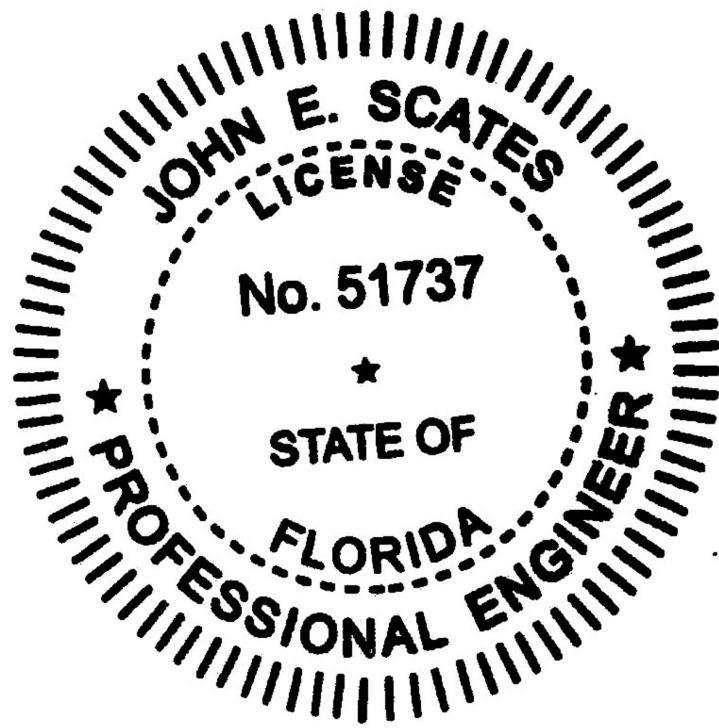
UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE	 A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES:	DRAWN	M. PORTO	10/12/2012	
ALL DIMS ARE IN	.X = ± .XX = ± .XXX = ± ANGULAR = ± °	CHECKED	G. FINERAN	8/2/13	
DO NOT SCALE	HILES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > 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.	ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:		MATERIAL	N/A	
			FINISH	N/A	
			SIZE	DWG NO.	REV
			D	706-1640	B
			SCALE 1:1		SHEET 3 OF 4
			UOM =		



NOTES: (UNLESS OTHERWISE SPECIFIED)

STL GUIDE	S-GUIDE																	
SLAT # 4	55 PSF																	
DOOR OPENING WIDTH	10'			12'			16'				20'				22'			
H	3.13	3.63	4.13	3.13	3.63	4.13	3.13	3.63	4.13	4.63	3.13	3.63	4.13	4.63	3.13	3.63	4.13	4.63
F1	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
X1	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
T1	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	0.25
K1	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81
F2	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
X2	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
T2	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
K2	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
F3	3.00	3.50	4.00	3.00	3.50	4.00	3.00	3.50	4.00	4.00	3.00	3.50	4.00	4.00	3.00	3.50	4.00	4.00
X3	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
T3	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
K3	1.69	2.19	2.63	1.69	2.19	2.63	1.69	2.19	2.63	3.13	1.69	2.19	2.63	3.13	1.69	2.19	2.63	3.13
E	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	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
B	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	0.38	0.38
D	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	1.00	1.00
R	1.75	1.75	1.63	1.75	1.75	1.63	1.75	1.75	1.63	1.63	1.75	1.75	1.63	1.63	1.75	1.75	1.63	1.63
WALL BOLT DIA	1/2	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
WALL BOLT GRADE	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	15.00	15.00	15.00	15.00	12.00	12.00	12.00	12.00
ASSY BOLT DIA	1/2	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
ASSY BOLT GRADE	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ASSY BOLT SPACING	18	18	18	15	15	15	18	18	18	18	13	13	13	13	12	12	12	12
WINDLOCK FREQUENCY	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT
SLIP	3/16	3/16	3/16	3/8	3/8	3/8	15/16	15/16	15/16	15/16	1 3/16	1 1/16	1 1/16	1 1/16	3/4	3/4	7/8	1 1/16
MAX MOMENT (in*lb/LF)	3652	4204	4755	4105	4722	5339	4919	5653	6387	7121	6755	8211	9286	10362	9964	11486	12056	12233
NORMAL (lb/LF)	275	275	275	330	330	330	440	440	440	440	550	550	550	550	605	605	605	605
PARALLEL (lb/LF)	1103	1103	1103	1234	1234	1234	1468	1468	1468	1468	2029	2151	2151	2151	3043	3043	2813	2547

#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:	DRAWN M. PORTO	10/12/2012		DESCRIPTION		
ALL DIMS ARE IN	.X = ± .XX = ± .XXX = ± ANGULAR = ± °	CHECKED G. FINERAN	8/2/13		MODEL 800, #4 SLAT, +/- 55 PSF		
DO NOT SCALE	HILES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/-	APPROVED M. SAWICKI	8/2/13		SIZE DWG NO.		
DIMS CIRCLED WITH SYMBOL ARE CRITICAL TO QUALITY DESIGN. FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.		MATERIAL N/A		D 706-1640		REV B	
		FINISH N/A		SCALE 1:1		UOM =	SHEET 4 OF 4
		ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:					

