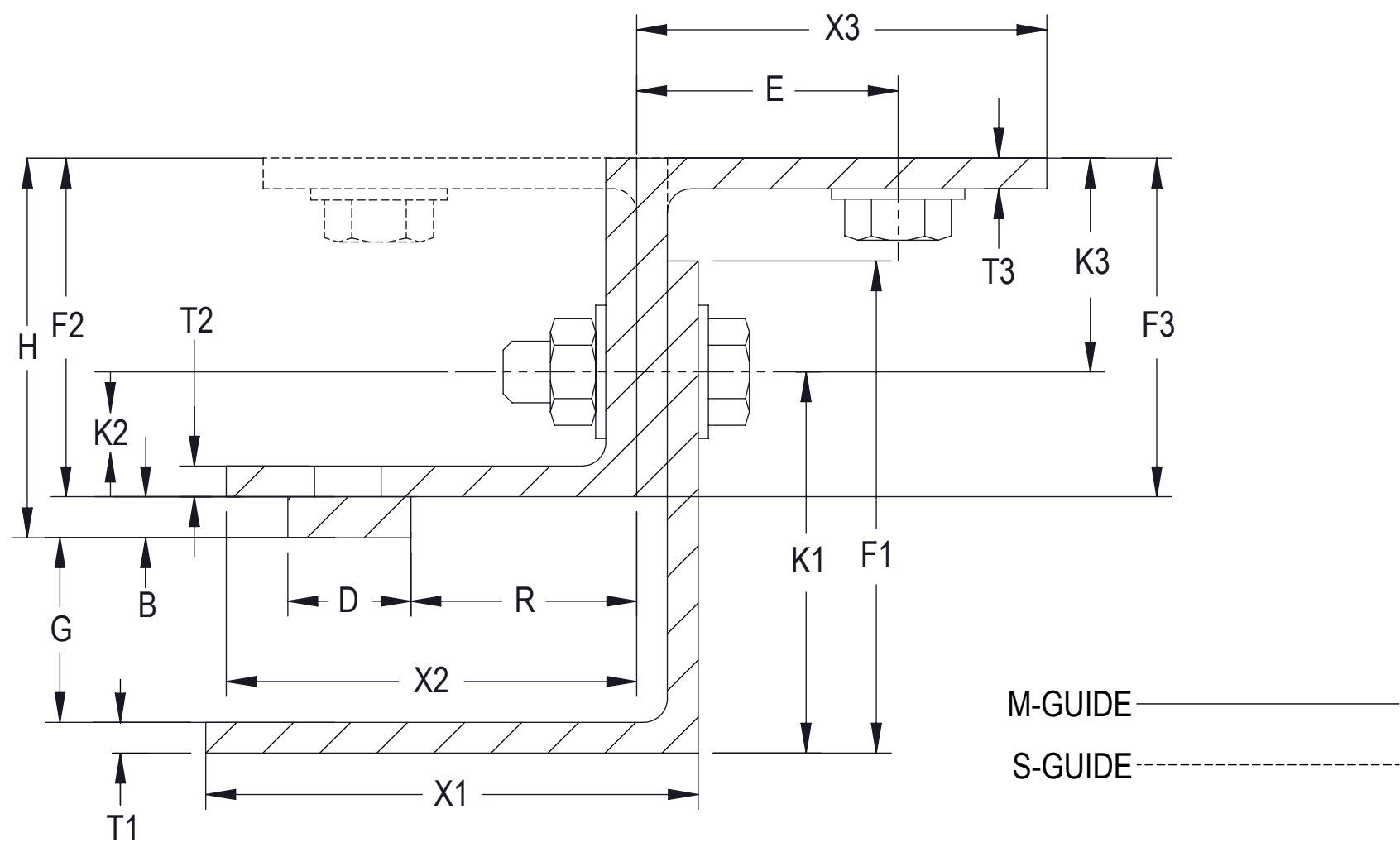
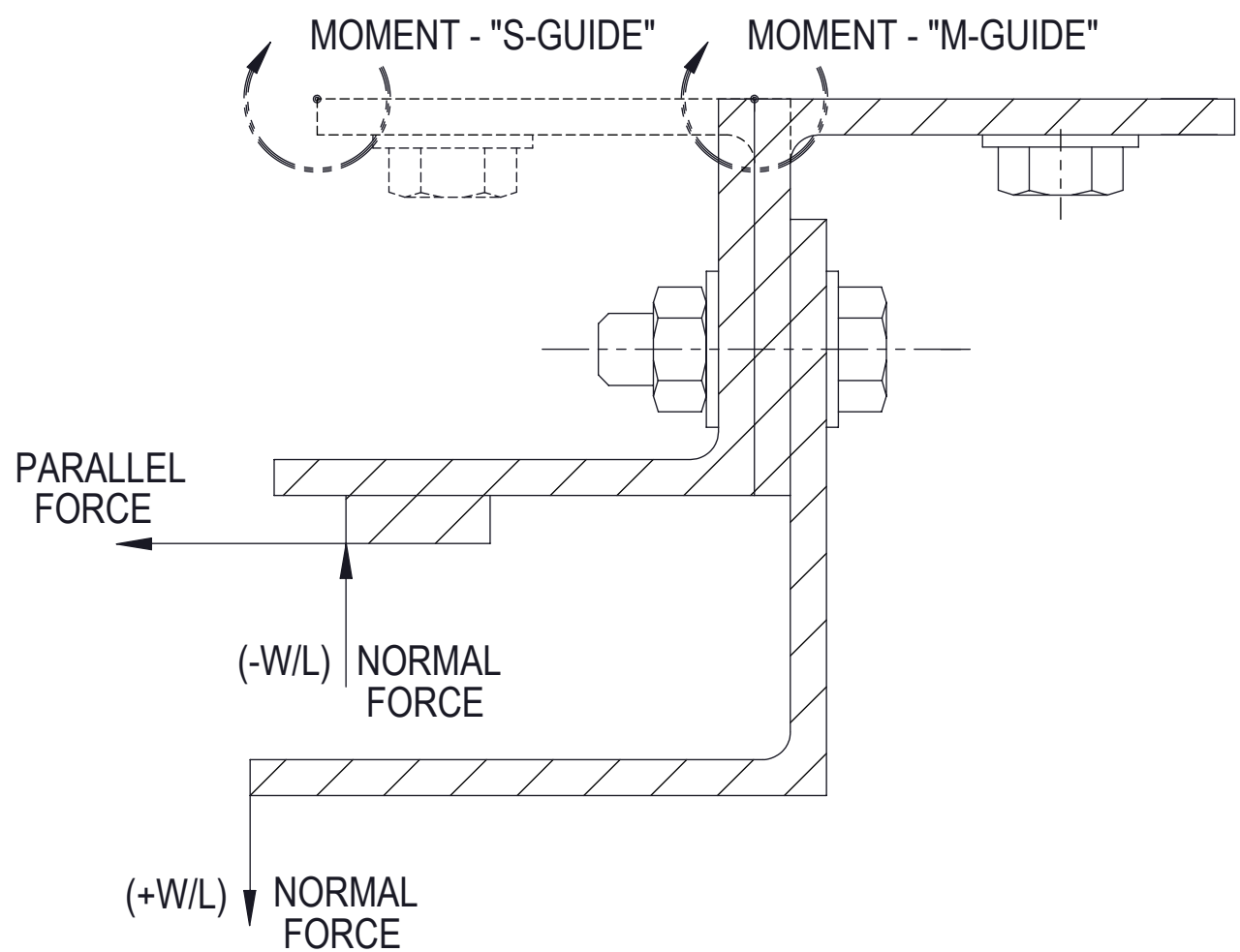


NOTES: (UNLESS OTHERWISE SPECIFIED)

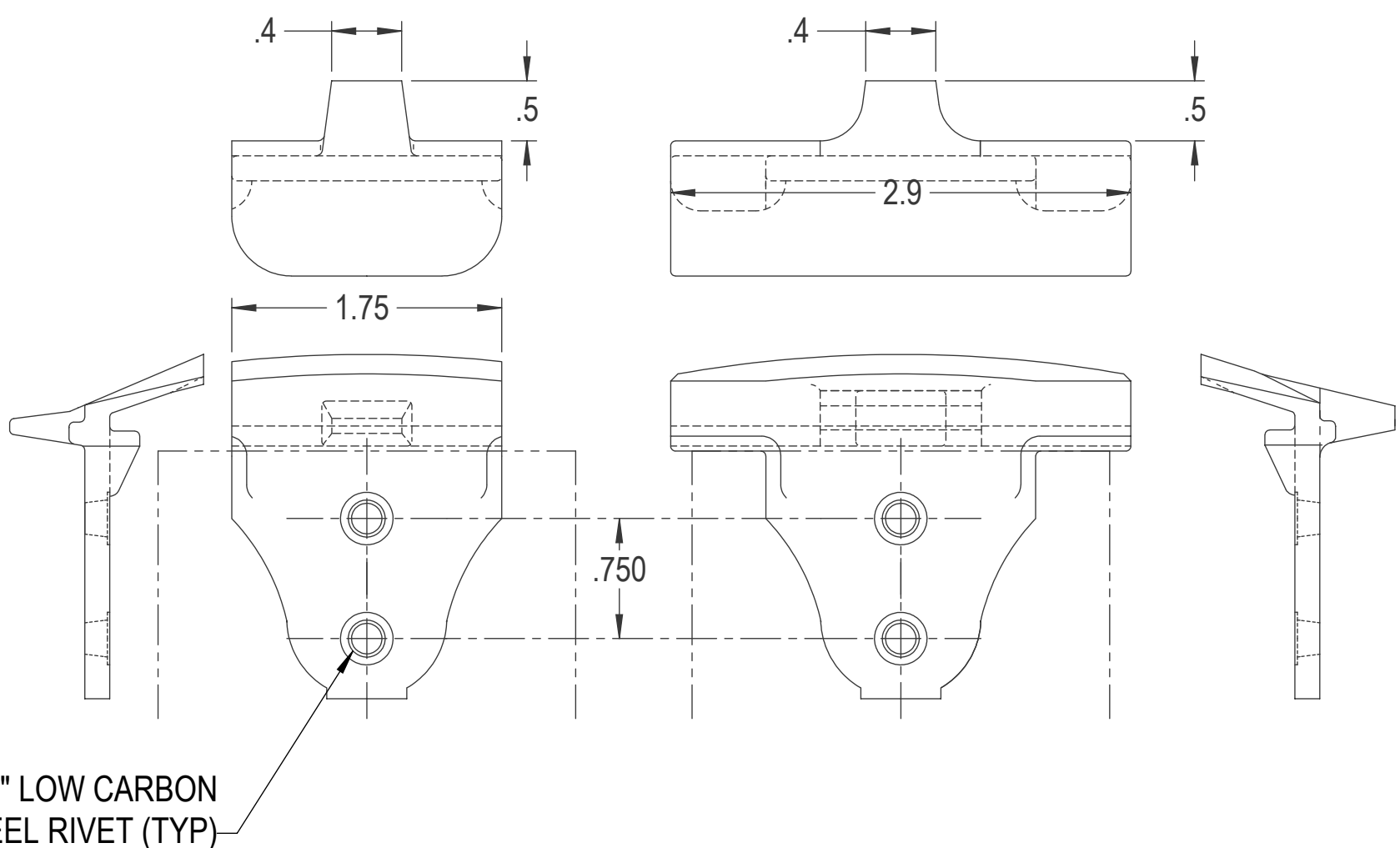
1. CURTAIN IS 22 GAUGE (MIN) STEEL PER ASTM A-653, GR.40 MIN. OR 304 STAINLESS STEEL PER ASTM A-240.
2. GUIDE ANGLES ARE STRUCTURAL STEEL PER ASTM A-36 OR STAINLESS STEEL PER ASTM A-240.
3. HOOD IS 24GA GALVANIZED STEEL.
4. SLIP REFERS TO THE DISTANCE FROM THE WINDLOCK TO THE WINDBAR.
5. REFER TO: #14 SLAT DRAWING 001-0739
GUIDE DRAWINGS 706-1476, 706-1483, 706-1549 & 706-1609
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. DESIGNS MARKED "IMPACT" HAVE BEEN TESTED PER TAS 201 & TAS 203 FOR LARGE MISSILE IMPACT.
9. PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WIND LOAD CONSTRUCTION DETAILS.
10. THIS DOOR CAN BE INTERIOR OR EXTERIOR MOUNTED.
11. ALL FORCE OR MOMENT VALUES ARE PER LINEAR FT OF GUIDE, PER SIDE.
A NEGATIVE VALUE INDICATES DIRECTION OPPOSITE OF ARROW DIRECTION.



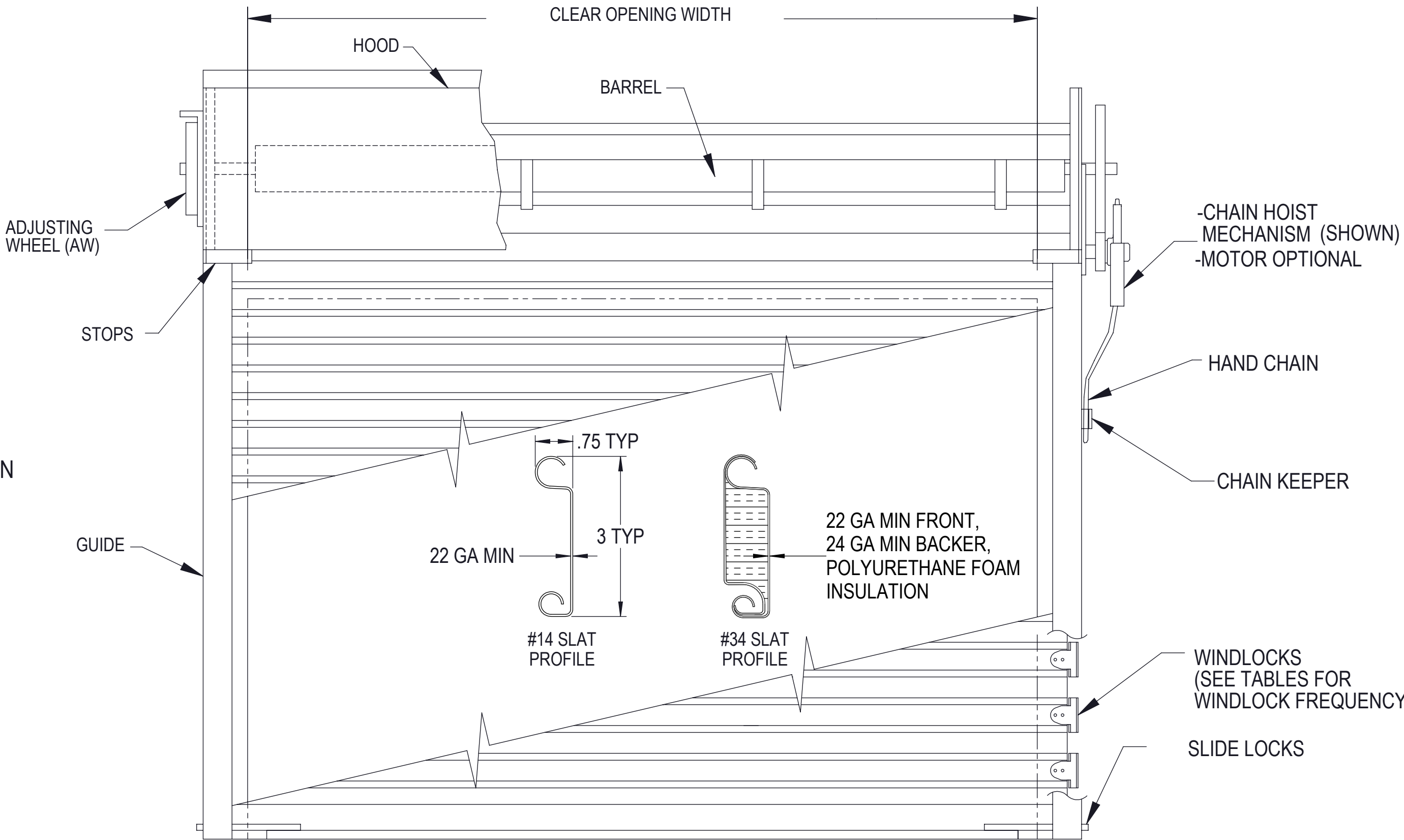
GUIDE DETAIL



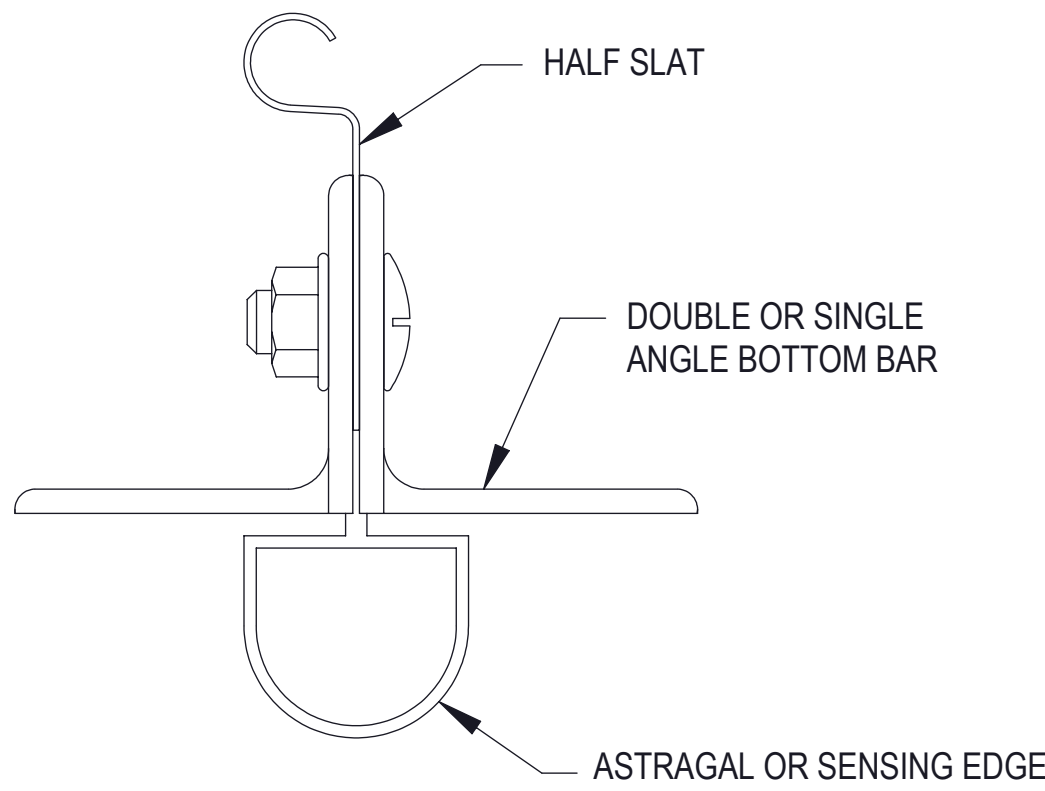
FORCE DETAIL



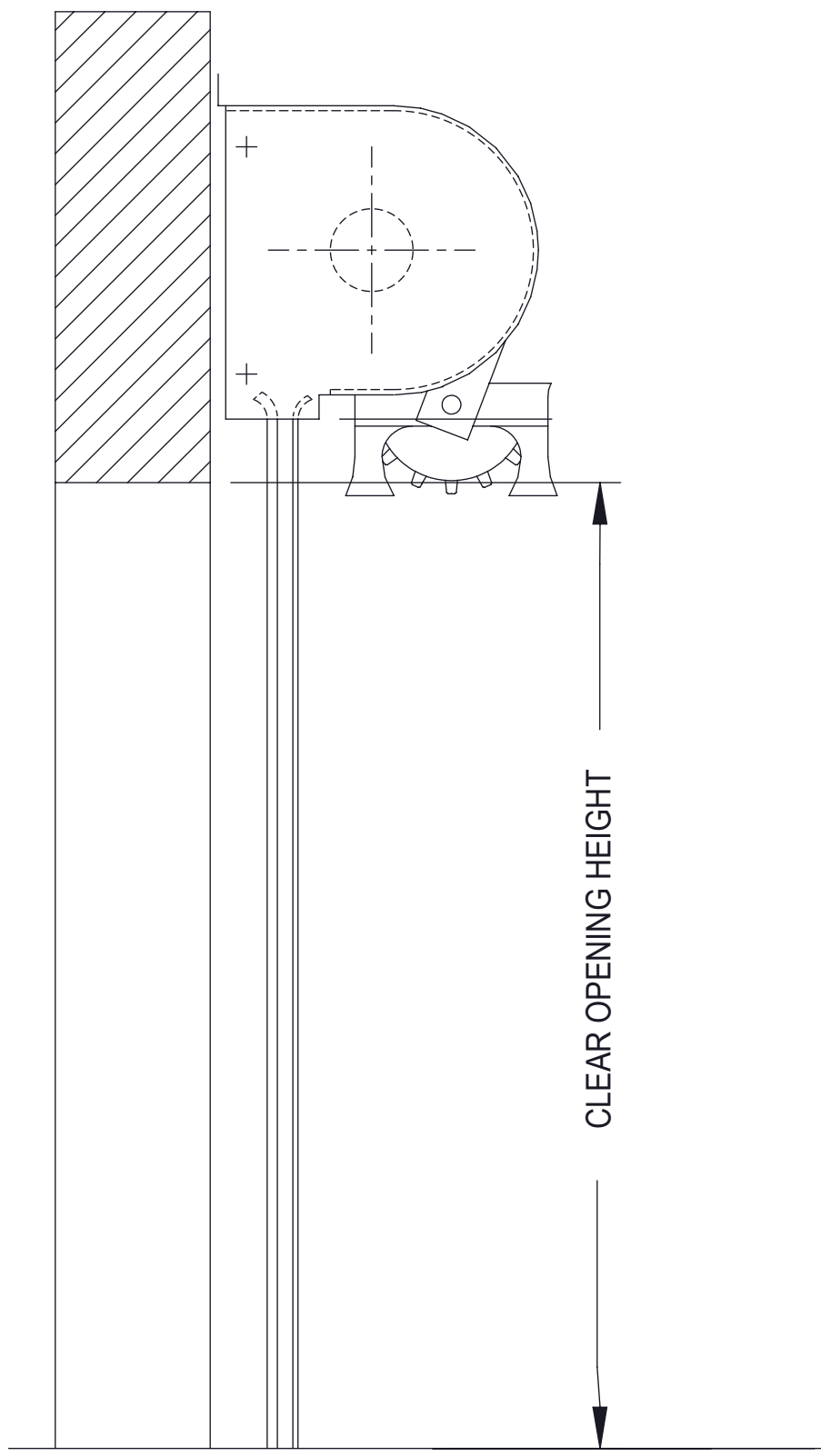
WINDLOCK DETAIL



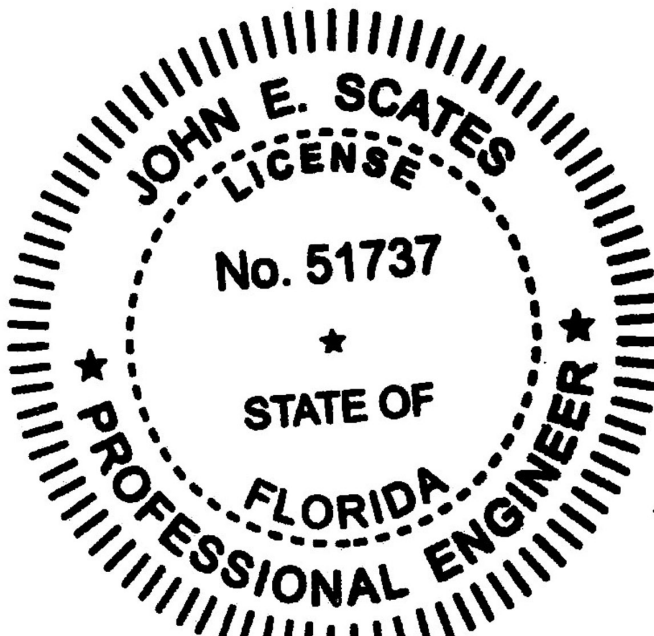
COILSIDE ELEVATION



BOTTOM BAR DETAIL



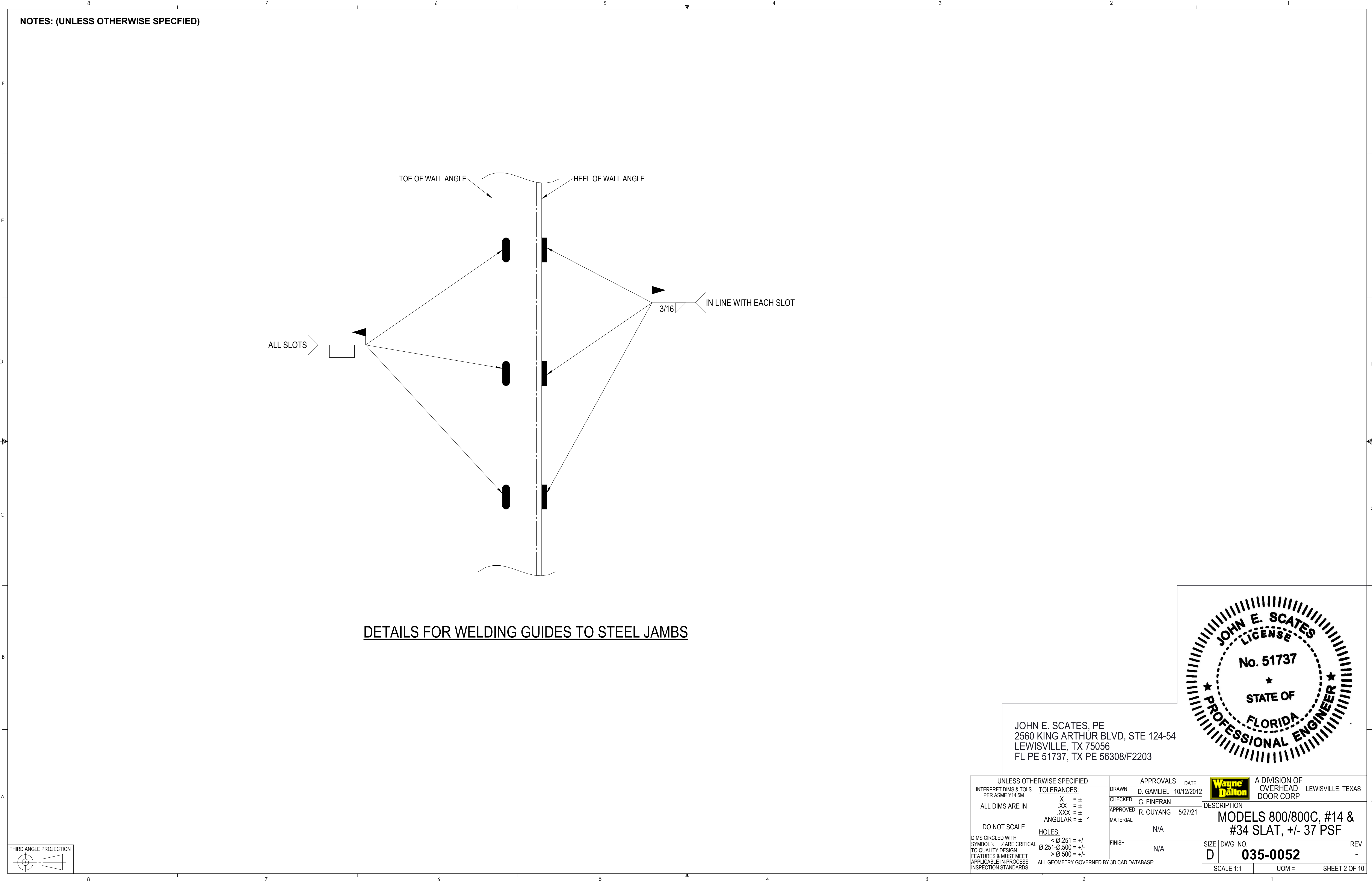
VERTICAL DETAIL



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

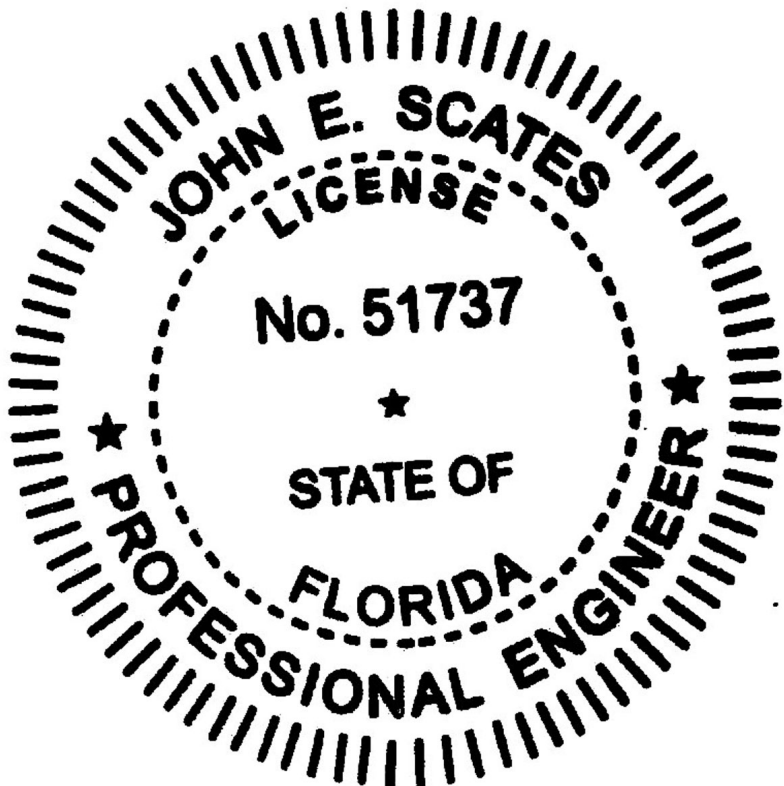
Digitally signed by John E. Scates, P.E.
Date: 2021.06.10 12:29:10 -05'00'

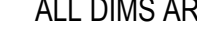
UNLESS OTHERWISE SPECIFIED			APPROVALS		DATE	 A DIVISION OF OVERHEAD DOOR CORP			LEWISVILLE, TEXAS			
INTERPRET DIMS & TOLS PER ASME Y14.5M			DRAWN		D. GAMLIEL	10/12/2012	DESCRIPTION MODELS 800/800C, #14 & #34 SLAT, +/- 37 PSF					
ALL DIMS ARE IN INCHES DO NOT SCALE			CHECKED		G. FINERAN							
			APPROVED		R. OUYANG							5/27/21
			MATERIAL		N/A							
DIMs CIRCLED WITH SYMBOL () ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.			FINISH		N/A		SIZE		DWG NO.	REV		
			D		035-0052		D			-		
			ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:							SCALE 1:1		UOM =

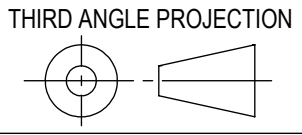


DETAILS FOR WELDING GUIDES TO STEEL JAMBS

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



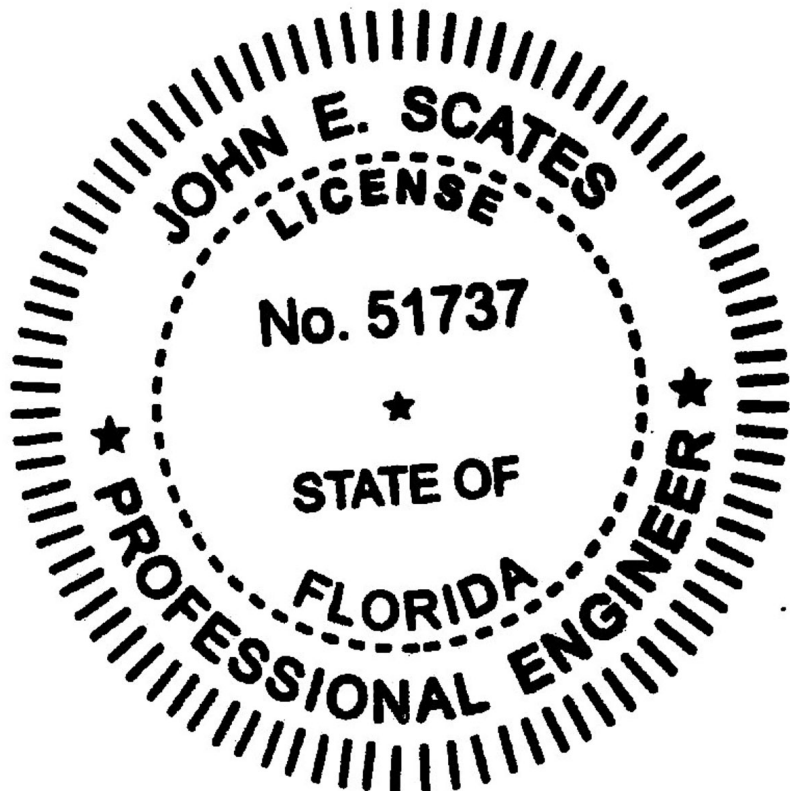
UNLESS OTHERWISE SPECIFIED				APPROVALS		DATE	 A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS
INTERPRET DIMS & TOLS PER ASME Y14.5M				DRAWN	D. GAMLIEL	10/12/2012	
ALL DIMS ARE IN				CHECKED	G. FINERAN		
DO NOT SCALE				APPROVED	R. OUYANG	5/27/21	
DIMS CIRCLED WITH SYMBOL  ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.				MATERIAL		N/A	DESCRIPTION MODELS 800/800C, #14 & #34 SLAT, +/- 37 PSF
				FINISH		N/A	
				ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:			
				SIZE	DWG NO.		REV
				D	035-0052		-
				SCALE 1:1	UOM =		SHEET 2 OF 10



NOTES: (UNLESS OTHERWISE SPECIFIED)

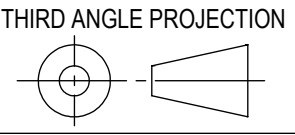
STL GUIDE	M-GUIDE																				
SLAT # 14	37 PSF																				
DOOR OPENING WIDTH	10'					12'						16'						20'		22'	
H	2.25	3.25	3.75	4.25	4.75	2.50	2.88	3.38	3.88	4.38	4.88	2.50	2.88	3.38	3.88	4.38	4.88	3.38	3.88	3.38	3.88
F1	3.00	3.00	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50	4.00	3.50	3.50	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	2.50	2.50	2.50	2.50	2.50	3.00	2.50	2.50	2.50	2.50	2.50	3.00	2.88	2.88	2.88	2.88
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	0.25	0.25	0.25	0.25
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	0.38	0.38	0.38	0.38
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	2.00	2.13	2.13	2.13	2.13	2.13	2.00	2.13	2.13	2.13	2.13	2.13	2.75	2.75	2.75	2.75
G	1.06	1.06	1.06	1.06	1.06	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
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	1/2	1/2	3/8	1/2	1/2	1/2	1/2	3/8	3/8	1/2	1/2	1/2	1/2	1/2	3/4	5/8	1/2
WALL ANCHOR EMBED	2 3/8	2 3/8	2 3/8	2 3/8	3 1/2	3 1/2	2 3/8	3 1/2	3 1/2	3 1/2	3 1/2	2 3/8	2 3/8	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	5 5/8	4 3/8	3 1/2
WALL ANCHOR SPACING	13.00	12.00	12.00	12.00	13.00	12.00	8.00	11.00	10.00	10.00	9.00	12.00	8.00	8.00	7.00	6.00	6.00	6.00	5.00	18.00	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	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	1/4	5/16	11/16	11/16	11/16	11/16	11/16	3/4	3/4	1/2	3/4
MAX MOMENT (in*lb/LF)	1744	2329	2622	2914	3207	2525	2820	3214	3608	4002	4396	4903	3627	4129	4631	5133	5635	6378	7189	9180	8561
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)	585	585	585	585	585	788	788	788	788	788	788	1665	1004	1004	1004	1004	1004	1623	1623	2426	1953
IMPACT RATED	IMPACT					IMPACT						IMPACT						IMPACT		IMPACT	

#14 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: 10/12/2012		Wayne Dalton A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS	
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES:	DRAWN D. GAMLIEL	CHECKED G. FINERAN		
ALL DIMS ARE IN	.X = ± .XX = ± .XXX = ± ANGULAR = ± °	APPROVED R. OUYANG	5/27/21		
DO NOT SCALE	HILES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/-	MATERIAL N/A	FINISH N/A		
DIMS CIRCLED WITH SYMBOL ARE CRITICAL TO QUALITY DESIGN. FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.		ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:		DESCRIPTION MODELS 800/800C, #14 & #34 SLAT, +/- 37 PSF	
				SIZE DWG NO. D 035-0052	REV -
				SCALE 1:1	SHEET 3 OF 10

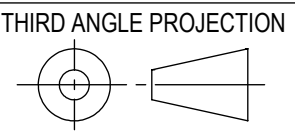
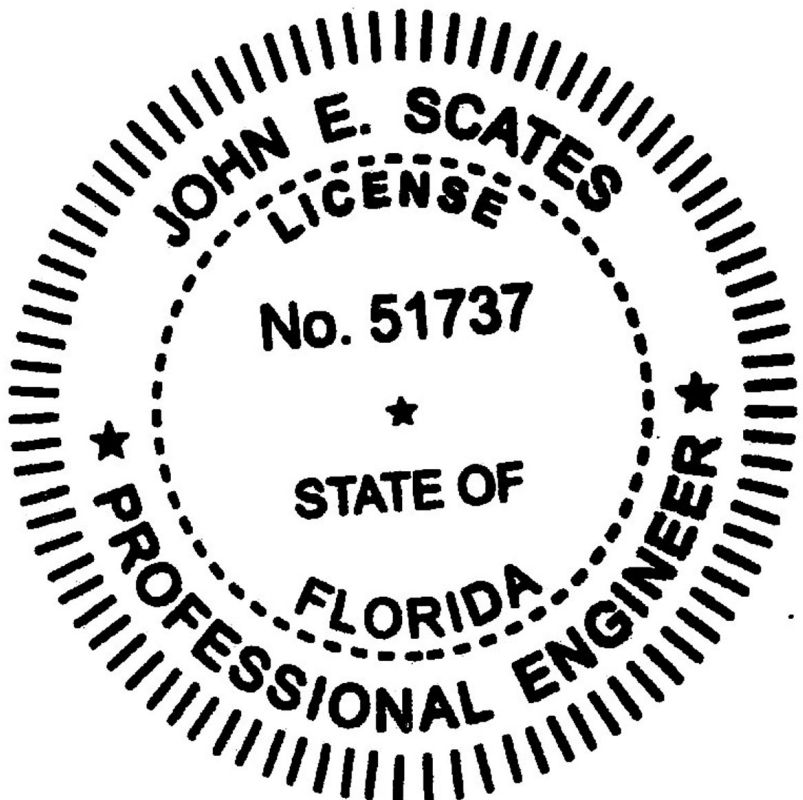


NOTES: (UNLESS OTHERWISE SPECIFIED)

STL GUIDE	S-GUIDE																					
SLAT # 14	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	2.50	2.50	2.50	2.50	2.50	3.00	2.50	2.50	2.50	2.50	2.50	3.00	2.88	2.88	2.88	2.88	
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	0.25	0.25	0.25	0.25	
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	0.38	0.38	0.38	0.38	
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	1.00	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	
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	3/8	3/8	3/8	3/8	3/8	1/2	3/8	3/8	3/8	3/8	3/8	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	18.00	18.00	18.00	18.00	12.00	18.00	12.00	12.00	12.00	12.00	18.00	18.00	12.00	12.00	12.00	12.00	18.00	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	1/4	5/16	11/16	11/16	11/16	11/16	11/16	3/4	3/4	1/2	3/4	
MAX MOMENT (in*lb/LF)	1351	1936	2229	2521	2825	2025	2321	2715	3108	3502	3896	4237	2961	3463	3965	4467	4969	5569	6380	8290	7671	
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)	585	585	585	585	585	788	788	788	788	788	788	1665	1004	1004	1004	1004	1004	1623	1623	2426	1953	
IMPACT RATED	IMPACT					IMPACT						IMPACT						IMPACT		IMPACT		

#14 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

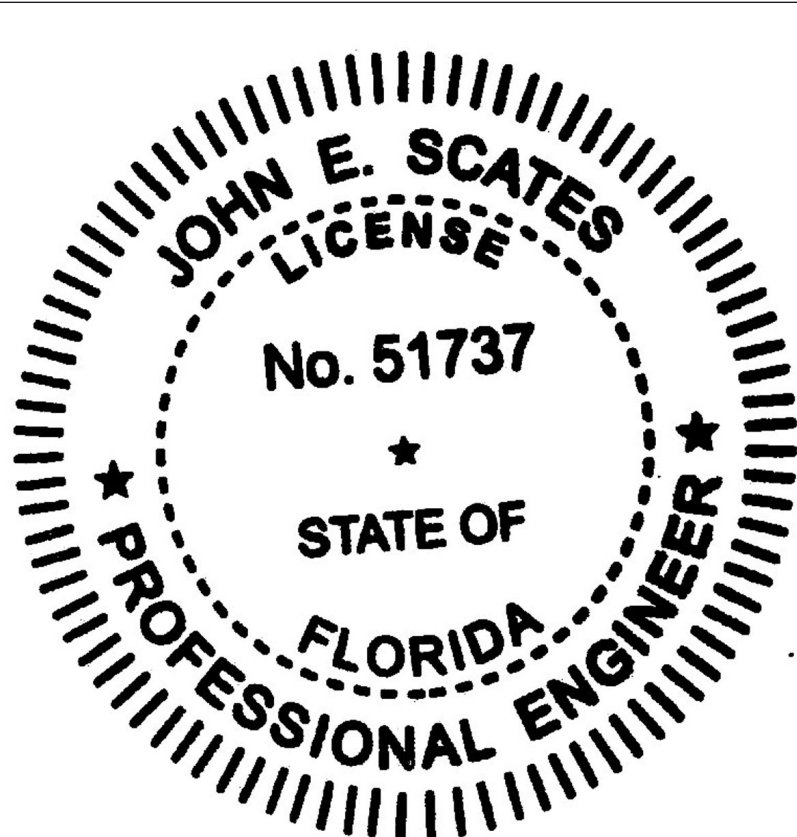


UNLESS OTHERWISE SPECIFIED		APPROVALS DATE		 A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS		
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES: X = ± XX = ± XXX = ± ANGULAR = ± °	DRAWN D. GAMLIEL 10/12/2012	CHECKED G. FINERAN		DESCRIPTION MODELS 800/800C, #14 & #34 SLAT, +/- 37 PSF	
ALL DIMS ARE IN		APPROVED R. OUYANG 5/27/21	MATERIAL			
DO NOT SCALE		FINISH				
DIMS CIRCLED WITH SYMBOL ◊ ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS	HOLES: ◊ 0.251 = +/- ◊ 0.251-0.500 = +/- ◊ 0.500 = +/-	N/A		SIZE DWG NO. D 035-0052	REV -	
		ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:				
				SCALE 1:1	UOM =	SHEET 4 OF 10

NOTES: (UNLESS OTHERWISE SPECIFIED)

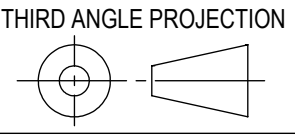
SST GUIDE	M-GUIDE																										
SLAT # 14	37 PSF																										
DOOR OPENING WIDTH	10'			12'						16'						20'						22'					
H	3.25	3.75	4.25	3.13	3.38	3.63	3.88	4.38	4.88	3.13	3.38	3.63	3.88	4.38	4.88	3.13	3.38	3.63	3.88	4.38	4.88	3.13	3.38	3.63	3.88	4.38	4.88
F1	3.00	3.00	3.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00
X1	3.00	3.00	3.00	3.50	3.00	3.50	3.00	4.00	4.00	3.50	3.00	3.50	3.00	4.00	4.00	3.50	3.00	3.50	3.00	4.00	4.00	3.50	3.00	3.50	3.00	4.00	4.00
T1	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	0.25	0.25	0.25	0.25	0.25	0.25	0.25
K1	2.38	2.38	2.38	2.69	2.88	2.75	2.88	3.00	3.00	2.69	2.88	2.75	2.88	3.00	3.00	2.69	2.88	2.75	2.88	3.00	3.00	2.69	2.88	2.75	2.88	3.00	3.00
F2	2.50	2.50	2.50	2.00	2.50	2.00	2.50	3.00	3.00	2.00	2.50	2.00	2.50	3.00	3.00	2.00	2.50	2.00	2.50	3.00	3.00	2.00	2.50	2.00	2.50	3.00	3.00
X2	2.50	2.50	2.50	3.00	2.50	3.00	2.50	3.00	3.00	3.00	2.50	3.00	2.50	3.00	3.00	3.00	2.50	3.00	3.00	2.50	3.00	3.00	2.50	3.00	2.50	3.00	3.00
T2	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	0.25	0.25	0.25	0.25	0.25	0.25	0.25
K2	0.88	0.88	0.88	1.06	1.25	1.13	1.25	1.38	1.38	1.06	1.25	1.13	1.25	1.38	1.38	1.06	1.25	1.13	1.25	1.38	1.38	1.06	1.25	1.13	1.25	1.38	1.38
F3	3.00	3.50	4.00	3.00	3.50	4.00	3.50	4.00	4.00	3.00	3.50	4.00	3.50	4.00	4.00	3.00	3.50	4.00	3.50	4.00	4.00	3.00	3.50	4.00	3.50	4.00	4.00
X3	3.00	3.50	3.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	4.00	3.50	4.00	4.00	3.50	4.00	4.00	3.50	4.00
T3	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	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
K3	2.13	2.63	3.13	1.69	1.75	2.19	2.25	2.63	3.13	1.69	1.75	2.19	2.25	2.63	3.13	1.69	1.75	2.19	2.25	2.63	3.13	1.69	1.75	2.19	2.25	2.63	3.13
E	2.25	2.75	2.13	3.13	2.75	3.13	2.75	3.13	3.13	3.13	2.75	3.13	2.75	3.13	3.13	3.13	2.75	3.13	2.75	3.13	3.13	3.13	2.75	3.13	2.75	3.13	3.13
G	1.06	1.06	1.06	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	1.00	1.00	1.00	1.00	1.00	1.00
B	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	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
D	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	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
R	1.56	1.56	1.56	1.75	1.44	1.75	1.44	1.88	1.88	1.75	1.44	1.75	1.44	1.88	1.88	1.75	1.44	1.75	1.44	1.88	1.88	1.75	1.44	1.75	1.44	1.88	1.88
WALL ANCHOR DIA	5/8	5/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2	3/4	1/2	1/2	1/2	3/4	1/2	1/2	3/8
WALL ANCHOR EMBED	4 3/8	4 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	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	5 5/8	3 1/2	3 1/2	3 1/2	5 5/8	3 1/2	3 1/2	2 3/8
WALL ANCHOR SPACING	16.25	16.25	12.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	13.00	11.00	6.00	11.00	5.00	10.00	10.00	9.00	5.00	8.00	9.00	8.00
ASSY BOLT DIA	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	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
ASSY BOLT GRADE	5	5	5	5	5	5	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	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	ALT	ALT	ALT	ALT	ALT	ALT
SLIP	1/8	1/8	1/8	1/4	1/4	1/4	1/4	1/4	1/4	9/16	5/8	9/16	11/16	11/16	11/16	1 1/16	3/4	1 1/16	3/4	1 3/16	1 3/16	1 1/16	3/4	1 1/16	3/4	1 3/16	1 3/16
MAX MOMENT (in*lb/LF)	2329	2622	2914	3073	3200	3467	3594	4085	4479	4403	4336	4977	4613	5244	5746	5181	6378	5848	7189	6533	7158	6178	7585	6987	8561	7837	8599
NORMAL (lb/LF)	185	185	185	222	222	222	222	222	222	296	296	296	296	296	296	370	370	370	370	370	370	407	407	407	407	407	407
PARALLEL (lb/LF)	585	585	585	788	788	788	788	788	788	1148	1071	1148	1004	1004	1004	1332	1623	1332	1623	1250	1250	1619	1953	1619	1953	1524	1524

#14 SLAT, STAINLESS STEEL M-GUIDE



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

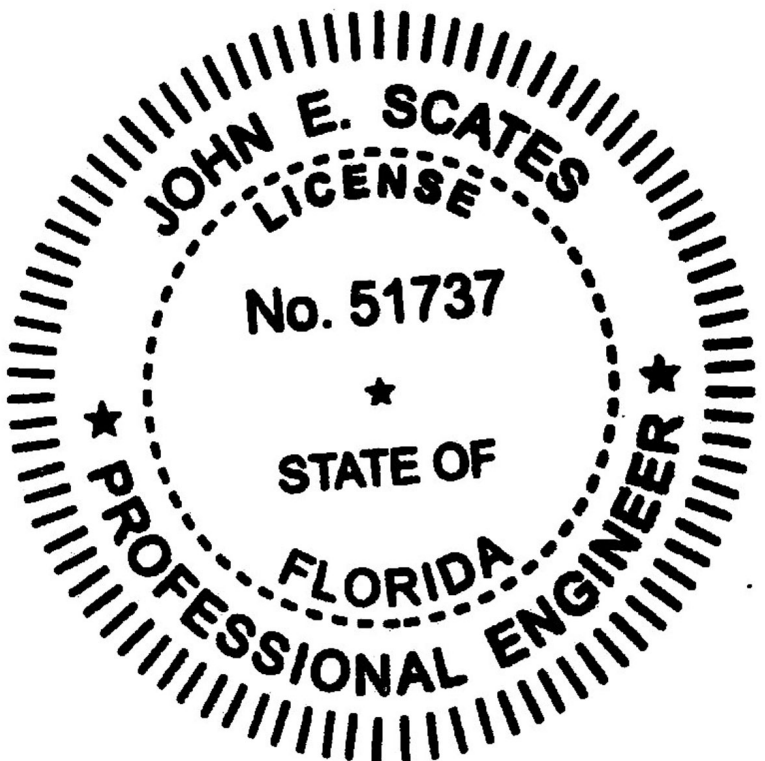
UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE		 A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES: X = ± XX = ± XXX = ± ANGULAR = ± °	DRAWN	D. GAMLIEL	10/12/2012		
ALL DIMS ARE IN		CHECKED	G. FINERAN			
DO NOT SCALE		APPROVED	R. OUYANG	5/27/21		
DIMS CIRCLED WITH SYMBOL () ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.		MATERIAL	N/A			DESCRIPTION MODELS 800/800C, #14 & #34 SLAT, +/- 37 PSF
		FINISH				
		ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:		SIZE	DWG NO.	
		D	035-0052		-	
		SCALE 1:1		UOM =		SHEET 5 OF 10



NOTES: (UNLESS OTHERWISE SPECIFIED)

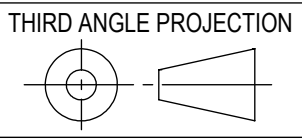
SST GUIDE	S-GUIDE																											
SLAT # 14	37 PSF																											
DOOR OPENING WIDTH	10'			12'						16'						20'						22'						
H	3.25	3.75	4.25	3.13	3.38	3.63	3.88	4.38	4.88	3.13	3.38	3.63	3.88	4.38	4.88	3.13	3.38	3.63	3.88	4.38	4.88	3.13	3.38	3.63	3.88	4.38	4.88	
F1	3.00	3.00	3.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00	
X1	3.00	3.00	3.00	3.50	3.00	3.50	3.00	4.00	4.00	3.50	3.00	3.50	3.00	4.00	4.00	3.50	3.00	3.50	3.00	4.00	4.00	3.50	3.00	3.50	3.00	4.00	4.00	
T1	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	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
K1	2.38	2.38	2.38	2.69	2.88	2.75	2.88	3.00	3.00	2.69	2.88	2.75	2.88	3.00	3.00	2.69	2.88	2.75	2.88	3.00	3.00	2.69	2.88	2.75	2.88	3.00	3.00	
F2	2.50	2.50	2.50	2.00	2.50	2.00	2.50	3.00	3.00	2.00	2.50	2.00	2.50	3.00	3.00	2.00	2.50	2.00	2.50	3.00	3.00	2.00	2.50	2.00	2.50	3.00	3.00	
X2	2.50	2.50	2.50	3.00	2.50	3.00	2.50	3.00	3.00	3.00	2.50	3.00	2.50	3.00	3.00	3.00	2.50	3.00	2.50	3.00	3.00	3.00	2.50	3.00	2.50	3.00	3.00	
T2	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	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
K2	0.88	0.88	0.88	1.06	1.25	1.13	1.25	1.38	1.38	1.06	1.25	1.13	1.25	1.38	1.38	1.06	1.25	1.13	1.25	1.38	1.38	1.06	1.25	1.13	1.25	1.38	1.38	
F3	3.00	3.50	4.00	3.00	3.00	4.00	4.00	4.00	4.00	3.00	3.00	4.00	4.00	4.00	4.00	3.00	3.00	4.00	4.00	4.00	4.00	3.00	3.00	4.00	4.00	4.00	4.00	
X3	3.00	3.50	3.00	4.00	3.00	4.00	3.00	3.00	3.00	4.00	3.00	4.00	3.00	3.00	3.00	4.00	3.00	4.00	3.00	3.00	3.00	4.00	3.00	4.00	3.00	3.00	3.00	
T3	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	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
K3	2.13	2.63	3.13	1.69	1.75	2.13	2.25	2.63	3.13	1.69	1.75	2.13	2.25	2.63	3.13	1.69	1.75	2.13	2.25	2.63	3.13	1.69	1.75	2.13	2.25	2.63	3.13	
E	1.63	1.63	1.63	2.63	1.63	2.63	1.63	2.13	2.13	2.63	1.63	2.63	1.63	2.13	2.13	2.63	1.63	2.63	1.63	2.13	2.13	2.63	1.63	2.63	1.63	2.13	2.13	
G	1.06	1.06	1.06	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	1.00	1.00	1.00	1.00	1.00	1.00	
B	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	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
D	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	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
R	1.56	1.56	1.56	1.75	1.44	1.75	1.44	1.88	1.88	1.75	1.44	1.75	1.44	1.88	1.88	1.75	1.44	1.75	1.44	1.88	1.88	1.75	1.44	1.75	1.44	1.88	1.88	
WALL BOLT DIA	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2	1/2	3/8	1/2	3/8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
WALL BOLT GRADE	5	5	5	5	5	5	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	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	20.00	18.00	12.00	21.00	12.00	19.00	16.00	14.00	21.00	17.00	20.00	16.00	13.00	12.00	
ASSY BOLT DIA	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	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
ASSY BOLT GRADE	5	5	5	5	5	5	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	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	ALT	ALT	ALT	ALT	ALT	ALT	
SLIP	1/8	1/8	1/8	1/4	1/4	1/4	1/4	1/4	1/4	9/16	5/8	9/16	11/16	11/16	11/16	1 1/16	3/4	1 1/16	3/4	1 3/16	1 3/16	1 1/16	3/4	1 1/16	3/4	1 3/16	1 3/16	
MAX MOMENT (in*lb/LF)	1936	2321	2521	2629	2715	3023	3108	3502	3896	3811	3688	4385	3965	4467	4969	4441	5569	5108	6380	5562	6187	5364	6694	6173	7671	6769	7531	
NORMAL (lb/LF)	185	185	185	222	222	222	222	222	222	296	296	296	296	296	296	370	370	370	370	370	370	407	407	407	407	407	407	
PARALLEL (lb/LF)	585	585	585	788	788	788	788	788	788	1148	1071	1148	1004	1004	1004	1332	1623	1332	1623	1250	1250	1619	1953	1619	1953	1524	1524	

#14 SLAT, STAINLESS STEEL S-GUIDE



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

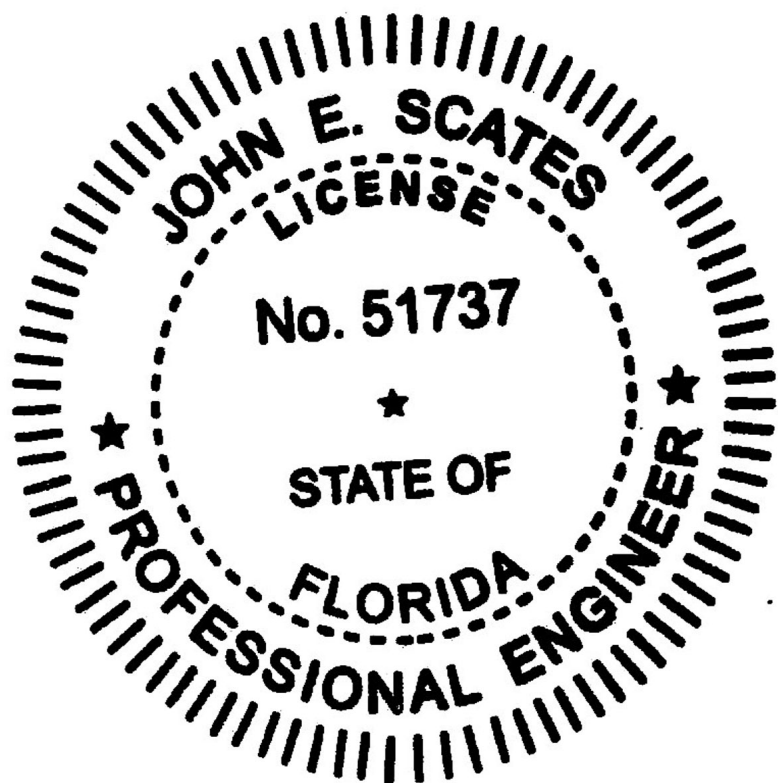
UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE	 A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS	DESCRIPTION MODELS 800/800C, #14 & #34 SLAT, +/- 37 PSF		
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES:	DRAWN	D. GAMLIEL	10/12/2012				
ALL DIMS ARE IN	.X = ± .XX = ± .XXX = ± ANGULAR = ± °	CHECKED	G. FINERAN					
DO NOT SCALE	HOLES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/-	APPROVED	R. OUYANG	5/27/21				
DIMS CIRCLED WITH SYMBOL () ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.		MATERIAL		N/A	FINISH		N/A	
ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:		SIZE		DWG NO.	REV			
		D		035-0052	-			
		SCALE 1:1		UOM =	SHEET 6 OF 10			



NOTES: (UNLESS OTHERWISE SPECIFIED)

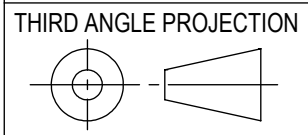
STL GUIDE	M-GUIDE																				
SLAT # 34	37 PSF																				
DOOR OPENING WIDTH	10'					12'						16'					20'		22'		
H	2.25	3.25	3.75	4.25	4.75	2.50	2.88	3.38	3.88	4.38	4.88	2.50	2.88	3.38	3.88	4.38	4.88	3.38	3.88	3.38	3.88
F1	3.00	3.00	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50	4.00	3.50	3.50	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	2.50	2.50	2.50	2.50	2.50	3.00	2.50	2.50	2.50	2.50	2.50	3.00	2.88	2.88	2.88	2.88
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	0.25	0.25	0.25	0.25
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	0.38	0.38	0.38	0.38
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	2.00	2.13	2.13	2.13	2.13	2.13	2.00	2.13	2.13	2.13	2.13	2.13	2.75	2.75	2.75	2.75
G	1.06	1.06	1.06	1.06	1.06	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
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	3/8	3/8	1/2	1/2	1/2	1/2	3/8	3/8	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4
WALL ANCHOR EMBED	2 3/8	2 3/8	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	2 3/8	2 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
WALL ANCHOR SPACING	21.00	12.00	12.00	12.00	12.00	12.00	8.00	12.00	10.00	10.00	10.00	12.00	8.00	12.00	10.00	10.00	10.00	7.00	7.00	5.00	5.00
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	1/4	5/8	7/16	9/16	1/2	9/16	9/16	3/4	3/4	3/4	3/4
MAX MOMENT (in*lb/LF)	486	474	474	451	439	647	660	679	697	715	734	2351	3405	3179	3899	3902	4263	5458	6132	6825	7689
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)	0	0	0	0	0	37	37	37	37	37	37	644	927	723	815	723	723	1350	1350	1728	1728
IMPACT RATED	IMPACT					IMPACT						IMPACT						IMPACT		IMPACT	

#34 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

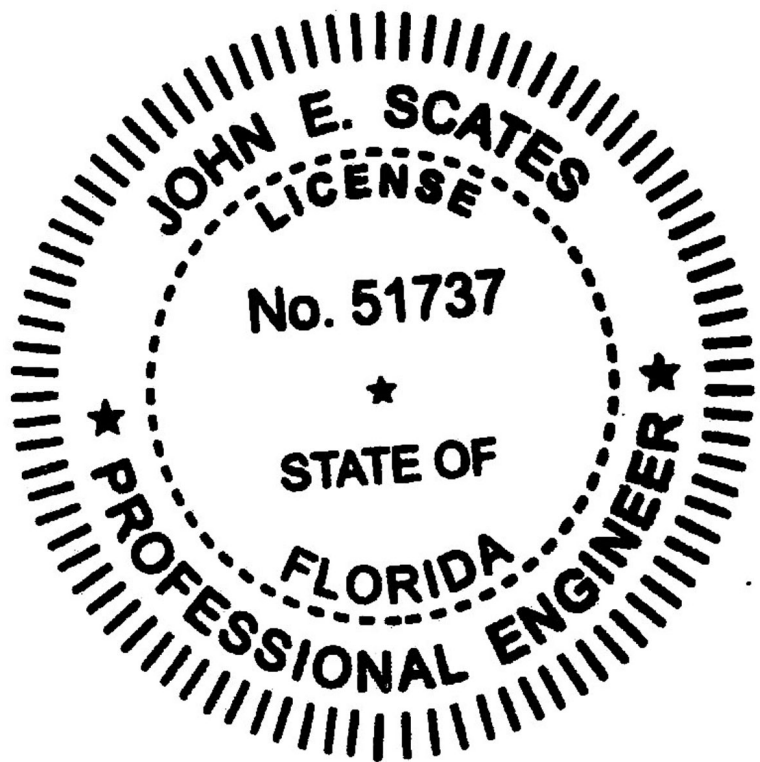
UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE	 A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS	DESCRIPTION MODELS 800/800C, #14 & #34 SLAT, +/- 37 PSF			
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES: X = ± XX = ± XXX = ± ANGULAR = ± °	DRAWN	D. GAMLIEL	10/12/2012					
ALL DIMS ARE IN		CHECKED	G. FINERAN						
DO NOT SCALE		APPROVED	R. OUYANG	5/27/21					
DIMS CIRCLED WITH SYMBOL ◊ ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS		MATERIAL	N/A		SIZE D	DWG NO. 035-0052	REV -	SHEET 7 OF 10	
ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:		FINISH	N/A						
					SCALE 1:1		UOM =		



NOTES: (UNLESS OTHERWISE SPECIFIED)

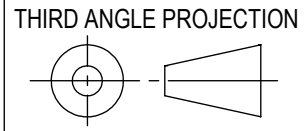
STL GUIDE	S-GUIDE																					
SLAT # 34	37 PSF																					
DOOR OPENING WIDTH	10'					12'						16'						20'		22'		
H	2.25	3.25	3.75	4.25	4.75	2.50	2.88	3.38	3.88	4.38	4.88	2.50	2.88	3.38	3.88	4.38	4.88	3.38	3.88	3.38	3.88	
F1	3.00	3.00	3.00	3.00	3.50	3.50	3.50	3.50	3.50	3.50	4.00	3.50	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	2.50	2.50	2.50	2.50	2.50	3.00	2.50	2.50	2.50	2.50	2.50	3.00	2.88	2.88	2.88	2.88	
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	0.25	0.25	0.25	0.25	
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	0.38	0.38	0.38	0.38	
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	1.00	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	
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	3/8	3/8	3/8	3/8	3/8	1/2	3/8	3/8	3/8	3/8	3/8	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	18.00	18.00	18.00	18.00	12.00	18.00	12.00	12.00	12.00	12.00	18.00	18.00	12.00	12.00	12.00	12.00	18.00	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	1/4	5/8	7/16	9/16	1/2	9/16	9/16	3/4	3/4	3/4	3/4	
MAX MOMENT (in*lb/LF)	-93	-81	-81	-58	-58	147	161	179	198	216	234	1685	2739	2513	3233	3236	3597	4648	5323	5935	6799	
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)	0	0	0	0	0	37	37	37	37	37	37	644	927	723	815	723	723	1350	1350	1728	1728	
IMPACT RATED	IMPACT					IMPACT						IMPACT						IMPACT		IMPACT		

#34 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

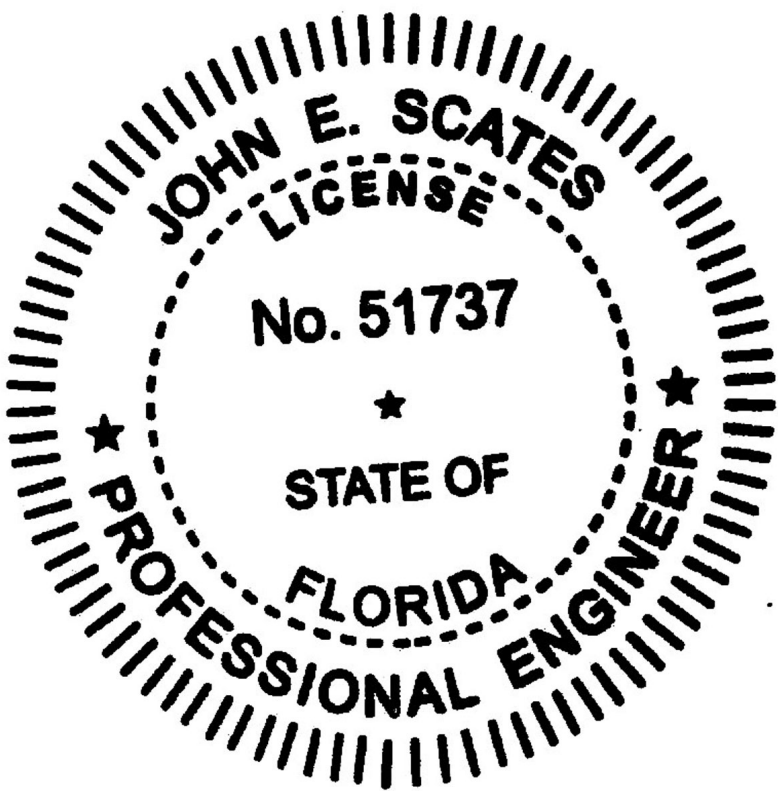
UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE	 A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES: X = ± XX = ± XXX = ± ANGULAR = ± °	DRAWN	D. GAMLIEL	10/12/2012	
ALL DIMS ARE IN		CHECKED	G. FINERAN		
DO NOT SCALE		APPROVED	R. OUYANG	5/27/21	
DIMS CIRCLED WITH SYMBOL () ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS	HILES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/-	MATERIAL	N/A		DESCRIPTION MODELS 800/800C, #14 & #34 SLAT, +/- 37 PSF
		FINISH	N/A		
		SIZE	D	DWG NO.	REV
				035-0052	-
		SCALE 1:1		UOM =	SHEET 8 OF 10



NOTES: (UNLESS OTHERWISE SPECIFIED)

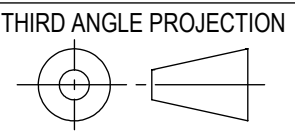
SST GUIDE	M-GUIDE																										
SLAT # 34	37 PSF																										
DOOR OPENING WIDTH	10'			12'						16'						20'						22'					
H	3.25	3.75	4.25	3.13	3.38	3.63	3.88	4.38	4.88	3.13	3.38	3.63	3.88	4.38	4.88	3.13	3.38	3.63	3.88	4.38	4.88	3.13	3.38	3.63	3.88	4.38	4.88
F1	3.00	3.00	3.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00
X1	3.00	3.00	3.00	3.50	3.00	3.50	3.00	4.00	4.00	3.50	3.00	3.50	3.00	4.00	4.00	3.50	3.00	3.50	3.00	4.00	4.00	3.50	3.00	3.50	3.00	4.00	4.00
T1	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	0.25	0.25	0.25	0.25	0.25	0.25	0.25
K1	2.38	2.38	2.38	2.69	2.88	2.75	2.88	3.00	3.00	2.69	2.88	2.75	2.88	3.00	3.00	2.69	2.88	2.75	2.88	3.00	3.00	2.69	2.88	2.75	2.88	3.00	3.00
F2	2.50	2.50	2.50	2.00	2.50	2.00	2.50	3.00	3.00	2.00	2.50	2.00	2.50	3.00	3.00	2.00	2.50	2.00	2.50	3.00	3.00	2.00	2.50	2.00	2.50	3.00	3.00
X2	2.50	2.50	2.50	3.00	2.50	3.00	2.50	3.00	3.00	3.00	2.50	3.00	2.50	3.00	3.00	3.00	2.50	3.00	3.00	3.00	3.00	3.00	2.50	3.00	2.50	3.00	3.00
T2	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	0.25	0.25	0.25	0.25	0.25	0.25	0.25
K2	0.88	0.88	0.88	1.06	1.25	1.13	1.25	1.38	1.38	1.06	1.25	1.13	1.25	1.38	1.38	1.06	1.25	1.13	1.25	1.38	1.38	1.06	1.25	1.13	1.25	1.38	1.38
F3	3.00	3.50	4.00	3.00	3.50	4.00	3.50	4.00	4.00	3.00	3.50	4.00	3.50	4.00	4.00	3.00	3.50	4.00	3.50	4.00	4.00	3.00	3.50	4.00	3.50	4.00	4.00
X3	3.00	3.50	3.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00
T3	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	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
K3	2.13	2.63	3.13	1.69	1.75	2.19	2.25	2.63	3.13	1.69	1.75	2.19	2.25	2.63	3.13	1.69	1.75	2.19	2.25	2.63	3.13	1.69	1.75	2.19	2.25	2.63	3.13
E	2.25	2.75	2.13	3.13	2.75	3.13	2.75	3.13	3.13	3.13	2.75	3.13	2.75	3.13	3.13	3.13	2.75	3.13	2.75	3.13	3.13	3.13	2.75	3.13	2.75	3.13	3.13
G	1.06	1.06	1.06	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	1.00	1.00	1.00	1.00	1.00	1.00
B	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	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
D	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	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
R	1.56	1.56	1.56	1.75	1.44	1.75	1.44	1.88	1.88	1.75	1.44	1.75	1.44	1.88	1.88	1.75	1.44	1.75	1.44	1.88	1.88	1.75	1.44	1.75	1.44	1.88	1.88
WALL ANCHOR DIA	5/8	5/8	5/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2	3/8	1/2	3/8	1/2	1/2	3/4	1/2	3/4	3/8	3/8
WALL ANCHOR EMBED	4 3/8	4 3/8	4 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	3 1/2	2 3/8	3 1/2	2 3/8	3 1/2	3 1/2	5 5/8	3 1/2	5 5/8	2 3/8	2 3/8
WALL ANCHOR SPACING	16.25	16.25	16.25	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	7.00	8.00	7.00	8.00	13.00	11.00	5.00	10.00	5.00	8.00	8.00
ASSY BOLT DIA	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	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
ASSY BOLT GRADE	5	5	5	5	5	5	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	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	ALT	ALT	ALT	ALT	ALT	ALT
SLIP	1/8	1/8	1/8	1/4	1/4	1/4	1/4	1/4	1/4	3/8	3/8	3/8	7/16	7/16	1/2	15/16	3/4	1	3/4	1 3/16	1 3/16	1 1/16	3/4	1 1/16	3/4	1 3/16	1 3/16
MAX MOMENT (in*lb/LF)	474	474	451	725	665	743	683	799	817	4143	4317	4675	4313	4906	4825	4632	5458	5022	6132	5326	5814	5469	6825	6165	7689	6843	7491
NORMAL (lb/LF)	185	185	185	222	222	222	222	222	222	296	296	296	296	296	296	370	370	370	370	370	370	407	407	407	407	407	407
PARALLEL (lb/LF)	0	0	0	37	37	37	37	37	37	1065	1065	1065	927	927	815	1157	1350	1105	1350	974	974	1392	1728	1392	1728	1297	1297

#34 SLAT, STAINLESS STEEL M-GUIDE



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

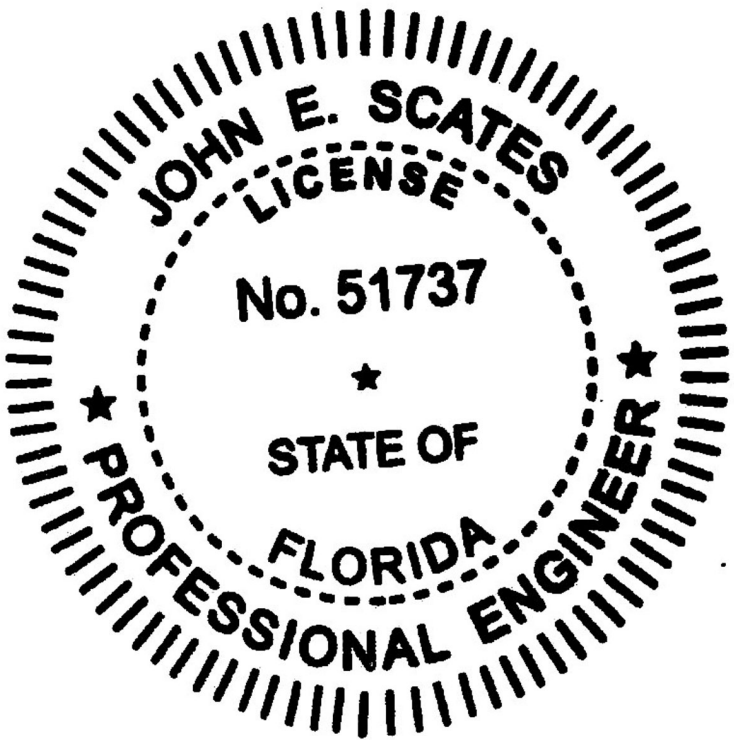
UNLESS OTHERWISE SPECIFIED		APPROVALS DATE		 A DIVISION OF OVERHEAD DOOR CORP		LEWISVILLE, TEXAS	
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES: X = ± XX = ± XXX = ± ANGULAR = ± ° HOLES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/- ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:	DRAWN	D. GAMLIEL	10/12/2012	DESCRIPTION	MODELS 800/800C, #14 & #34 SLAT, +/- 37 PSF	
ALL DIMS ARE IN		CHECKED	G. FINERAN				
DO NOT SCALE		APPROVED	R. OUYANG	5/27/21			
DIMS CIRCLED WITH SYMBOL ◊ ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS		MATERIAL	N/A				
		FINISH	N/A		SIZE	DWG NO.	REV
					D	035-0052	-
					SCALE 1:1		UOM =



NOTES: (UNLESS OTHERWISE SPECIFIED)

SST GUIDE	S-GUIDE																										
SLAT # 34	37 PSF																										
DOOR OPENING WIDTH	10'			12'						16'						20'						22'					
H	3.25	3.75	4.25	3.13	3.38	3.63	3.88	4.38	4.88	3.13	3.38	3.63	3.88	4.38	4.88	3.13	3.38	3.63	3.88	4.38	4.88	3.13	3.38	3.63	3.88	4.38	4.88
F1	3.00	3.00	3.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00
X1	3.00	3.00	3.00	3.50	3.00	3.50	3.00	4.00	4.00	3.50	3.00	3.50	3.00	4.00	4.00	3.50	3.00	3.50	3.00	4.00	4.00	3.50	3.00	3.50	3.00	4.00	4.00
T1	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	0.25	0.25	0.25	0.25	0.25	0.25	0.25
K1	2.38	2.38	2.38	2.69	2.88	2.75	2.88	3.00	3.00	2.69	2.88	2.75	2.88	3.00	3.00	2.69	2.88	2.75	2.88	3.00	3.00	2.69	2.88	2.75	2.88	3.00	3.00
F2	2.50	2.50	2.50	2.00	2.50	2.00	2.50	3.00	3.00	2.00	2.50	2.00	2.50	3.00	3.00	2.00	2.50	2.00	2.50	3.00	3.00	2.00	2.50	2.00	2.50	3.00	3.00
X2	2.50	2.50	2.50	3.00	2.50	3.00	2.50	3.00	3.00	3.00	2.50	3.00	2.50	3.00	3.00	3.00	2.50	3.00	2.50	3.00	3.00	3.00	2.50	2.50	3.00	2.50	3.00
T2	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	0.25	0.25	0.25	0.25	0.25	0.25	0.25
K2	0.88	0.88	0.88	1.06	1.25	1.13	1.25	1.38	1.38	1.06	1.25	1.13	1.25	1.38	1.38	1.06	1.25	1.13	1.25	1.38	1.38	1.06	1.25	1.13	1.25	1.38	1.38
F3	3.00	3.50	4.00	3.00	3.00	4.00	4.00	4.00	4.00	3.00	3.00	4.00	4.00	4.00	4.00	3.00	3.00	4.00	4.00	4.00	4.00	3.00	3.00	4.00	4.00	4.00	4.00
X3	3.00	3.50	3.00	4.00	3.00	4.00	3.00	3.00	3.00	4.00	3.00	4.00	3.00	3.00	3.00	4.00	3.00	4.00	3.00	3.00	3.00	4.00	3.00	4.00	3.00	3.00	3.00
T3	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	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
K3	2.13	2.63	3.13	1.69	1.75	2.13	2.25	2.63	3.13	1.69	1.75	2.13	2.25	2.63	3.13	1.69	1.75	2.13	2.25	2.63	3.13	1.69	1.75	2.13	2.25	2.63	3.13
E	1.63	1.63	1.63	2.63	1.63	2.63	1.63	2.13	2.13	2.63	1.63	2.63	1.63	2.13	2.13	2.63	1.63	2.63	1.63	2.13	2.13	2.63	1.63	1.63	2.63	1.63	2.13
G	1.06	1.06	1.06	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	1.00	1.00	1.00	1.00	1.00	1.00
B	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	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
D	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	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
R	1.56	1.56	1.56	1.75	1.44	1.75	1.44	1.88	1.88	1.75	1.44	1.75	1.44	1.88	1.88	1.75	1.44	1.75	1.44	1.88	1.88	1.75	1.44	1.75	1.44	1.88	1.88
WALL BOLT DIA	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2	1/2	3/8	1/2	3/8	1/2	1/2
WALL BOLT GRADE	5	5	5	5	5	5	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	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	21.00	18.00	12.00	19.00	12.00	18.00	15.00
ASSY BOLT DIA	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	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
ASSY BOLT GRADE	5	5	5	5	5	5	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	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	ALT	ALT	ALT	ALT	ALT	ALT
SLIP	1/8	1/8	1/8	1/4	1/4	1/4	1/4	1/4	1/4	3/8	3/8	3/8	7/16	7/16	1/2	15/16	3/4	1	3/4	1	3/16	1	3/16	1	1/16	3/4	1
MAX MOMENT (in*lb/LF)	-81	-173	-58	281	179	299	198	216	234	3551	3669	4083	3666	4129	4048	3892	4648	4282	5323	4355	4842	4655	5935	5351	6799	5774	6423
NORMAL (lb/LF)	185	185	185	222	222	222	222	222	222	296	296	296	296	296	296	370	370	370	370	370	370	407	407	407	407	407	407
PARALLEL (b/LF)	0	0	0	37	37	37	37	37	37	1065	1065	1065	927	927	815	1157	1350	1105	1350	974	974	1392	1728	1392	1728	1297	1297

#34 SLAT, STAINLESS 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: 10/12/2012		 A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES:	DRAWN D. GAMLIEL	CHECKED G. FINERAN	
ALL DIMS ARE IN	.X = ± .XX = ± .XXX = ± ANGULAR = ± °	APPROVED R. OUYANG	5/27/21	
DO NOT SCALE	HILES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/-	MATERIAL N/A	FINISH N/A	
DIMS CIRCLED WITH SYMBOL ARE CRITICAL TO QUALITY DESIGN. FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.		ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:		DESCRIPTION MODELS 800/800C, #14 & #34 SLAT, +/- 37 PSF
		SIZE D	DWG NO. 035-0052	REV -
		SCALE 1:1	UOM =	SHEET 10 OF 10

