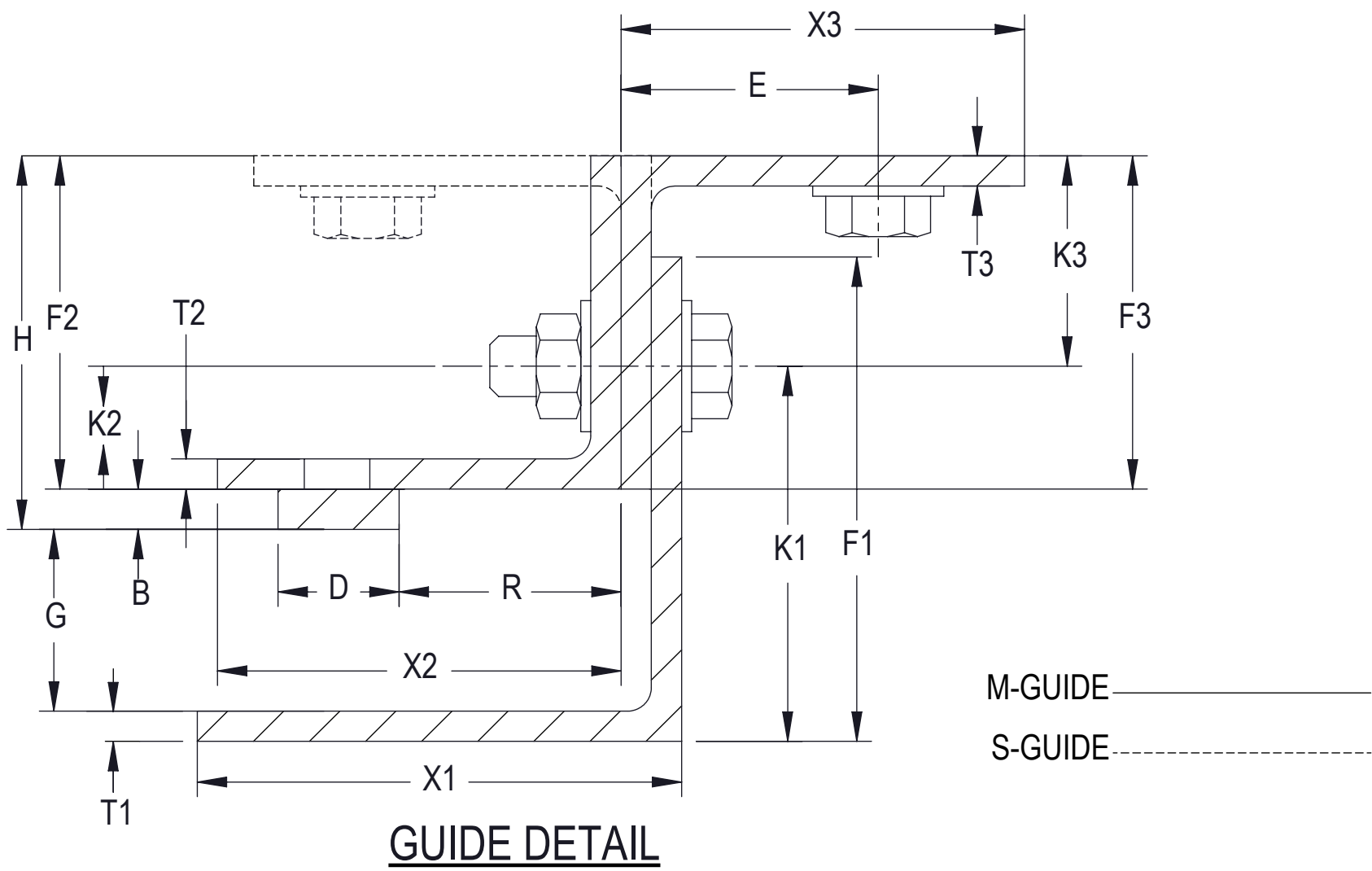
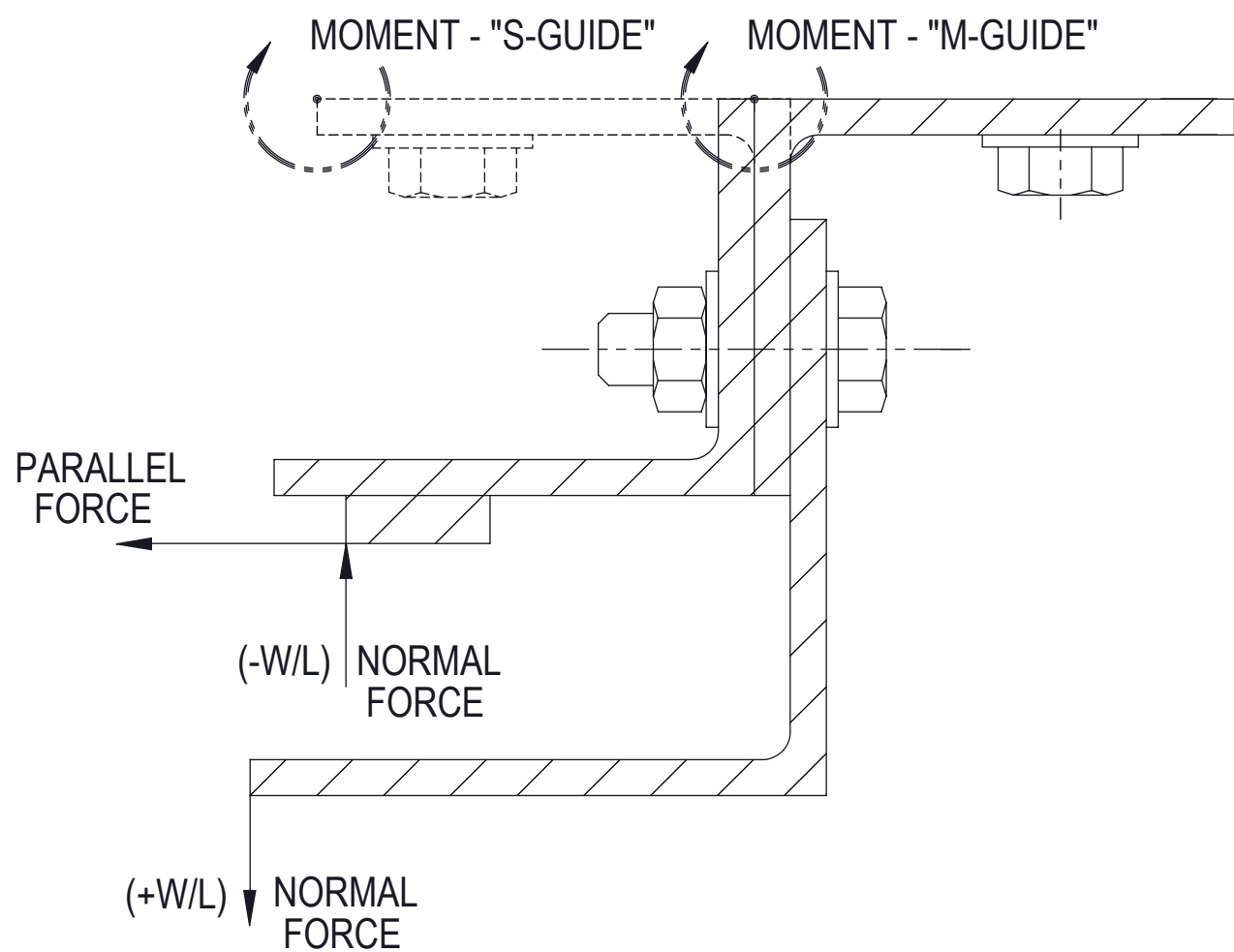


NOTES: (UNLESS OTHERWISE SPECIFIED)

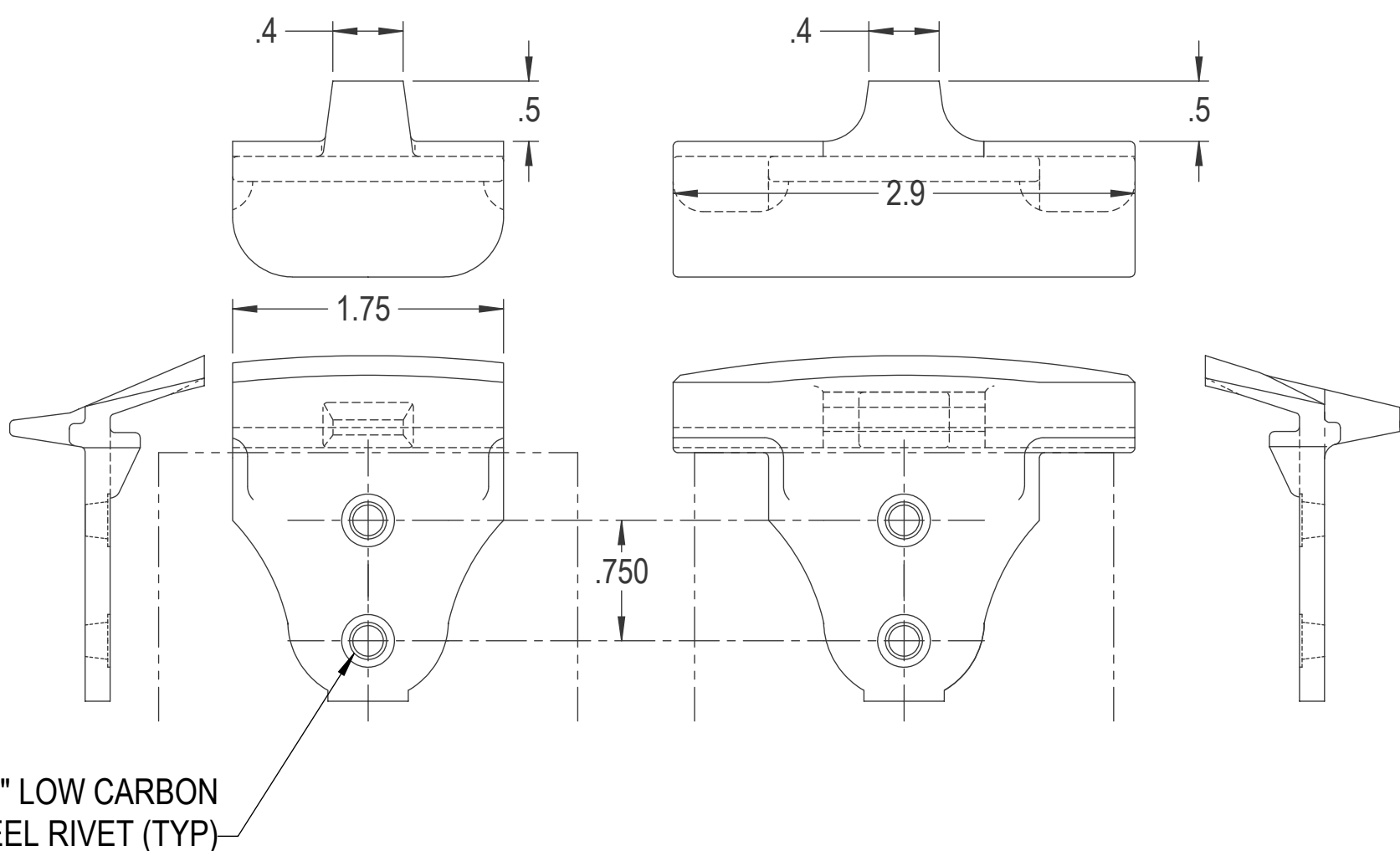
1. CURTAIN IS 22 GAUGE (MIN) STEEL PER ASTM A-653, GR.40 MIN. OR 304 STAINLESS STEEL PER ASTM A-240.
2. GUIDE ANGLES ARE STRUCTURAL STEEL PER ASTM A-36 OR STAINLESS STEEL PER ASTM A-240.
3. HOOD IS 24GA GALVANIZED STEEL.
4. SLIP REFERS TO THE DISTANCE FROM THE WINDLOCK TO THE WINDBAR.
5. REFER TO: #14 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.



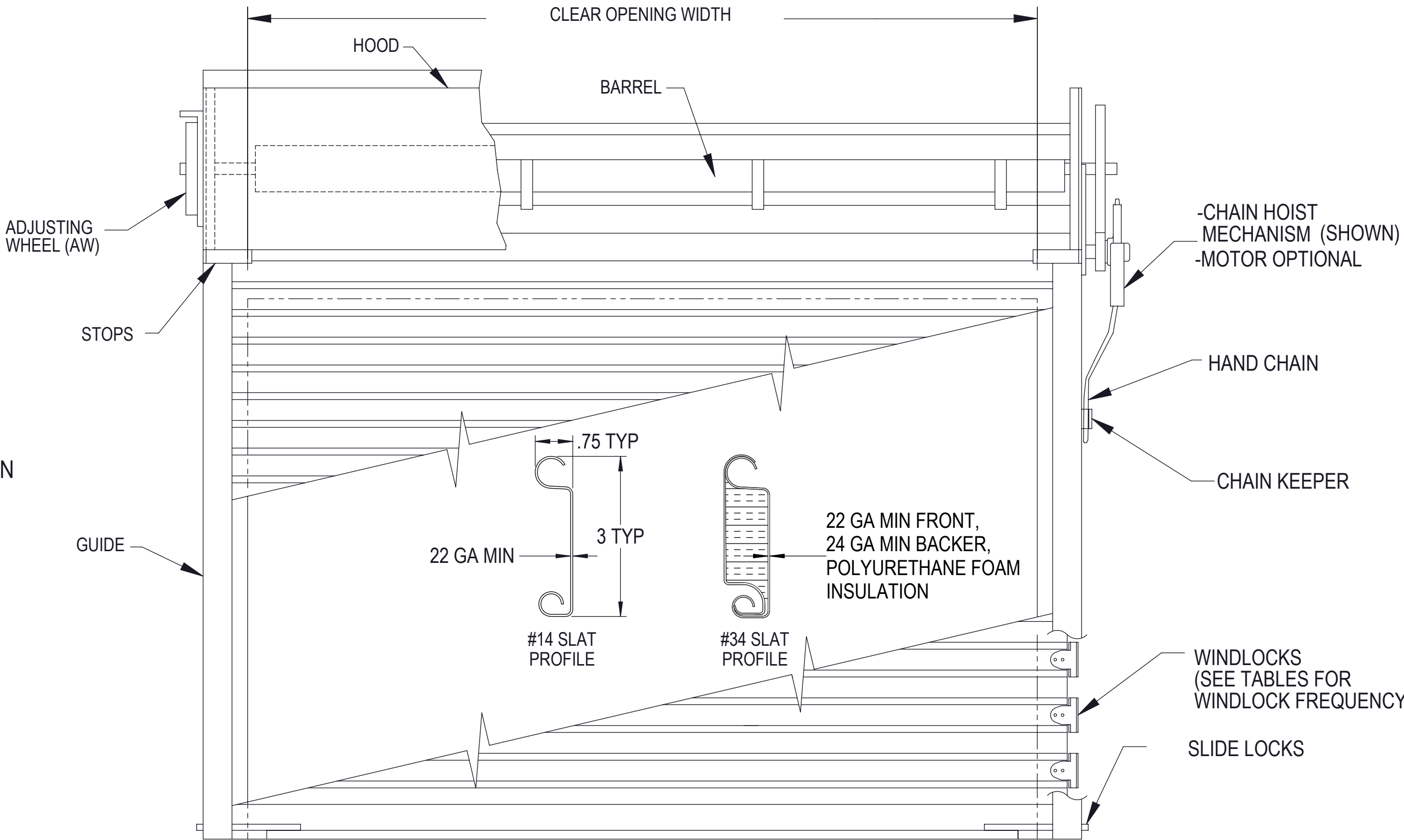
GUIDE DETAIL



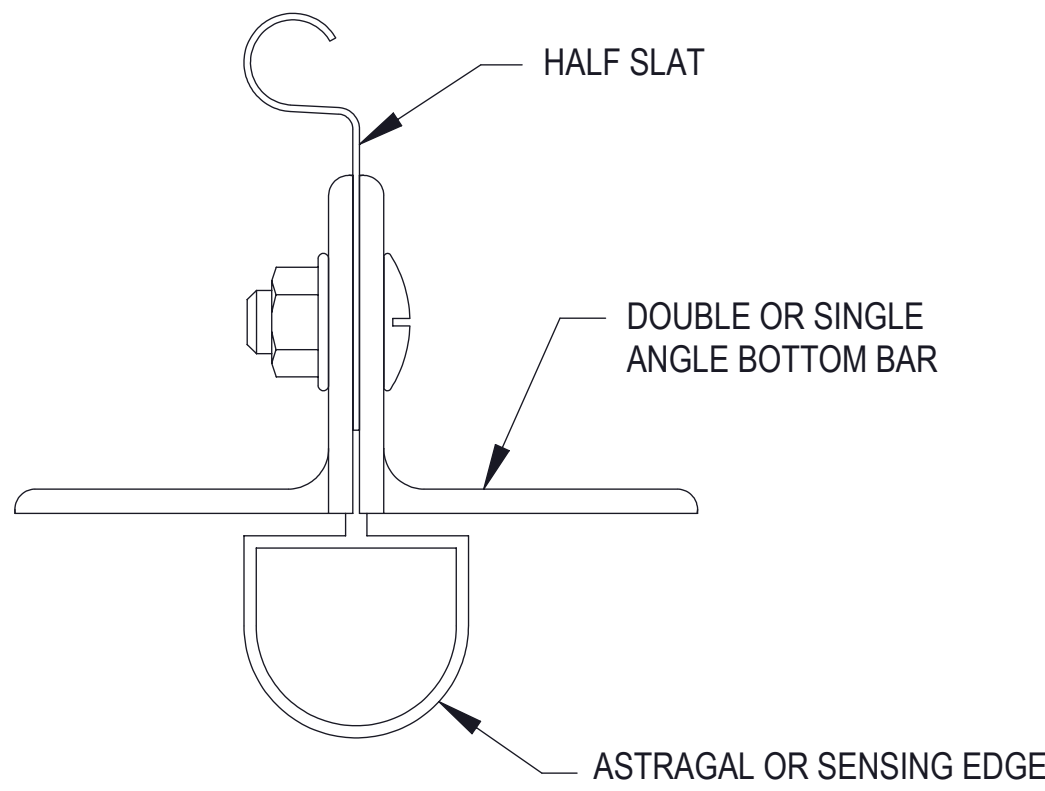
FORCE DETAIL



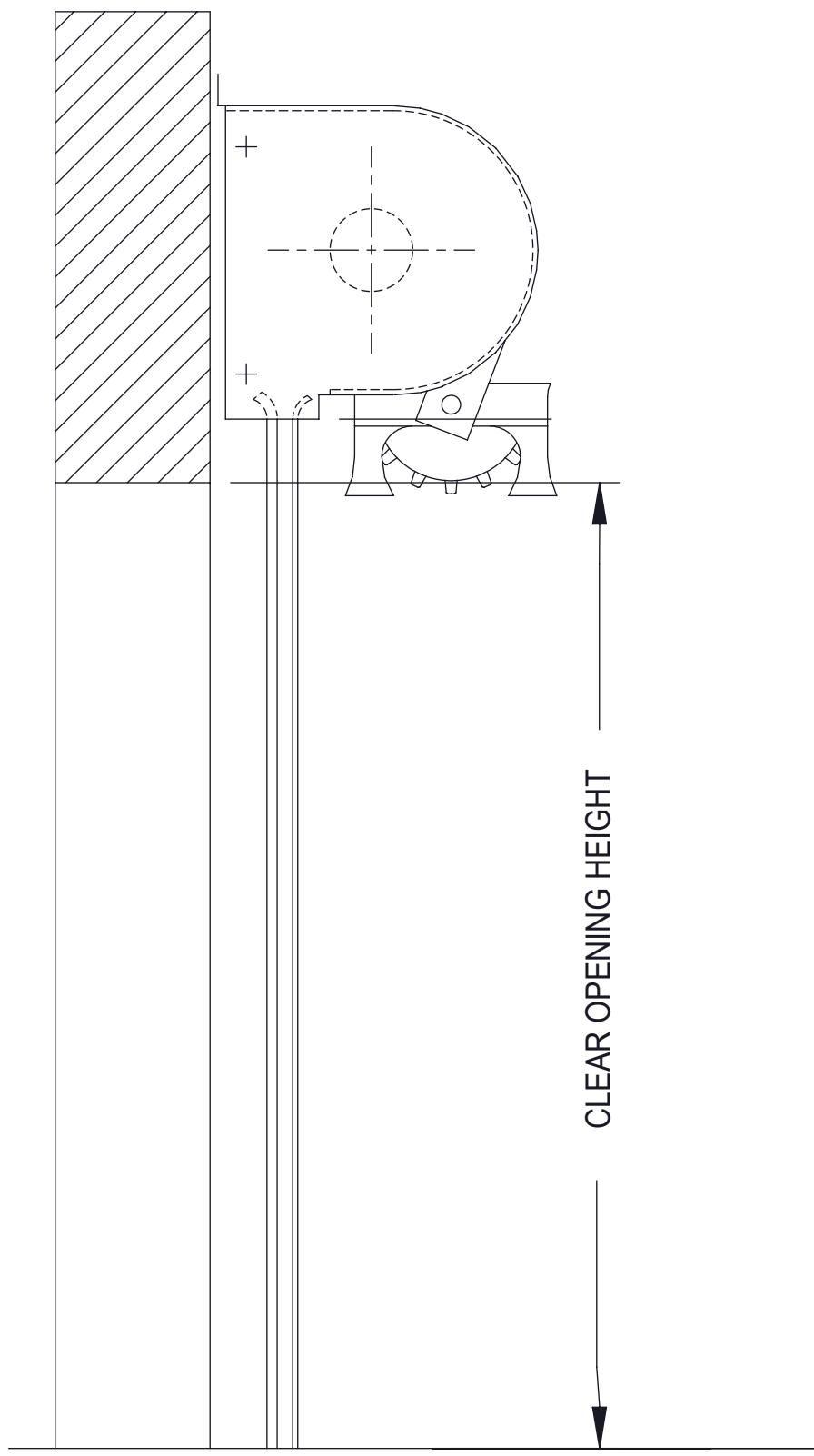
WINDLOCK DETAIL



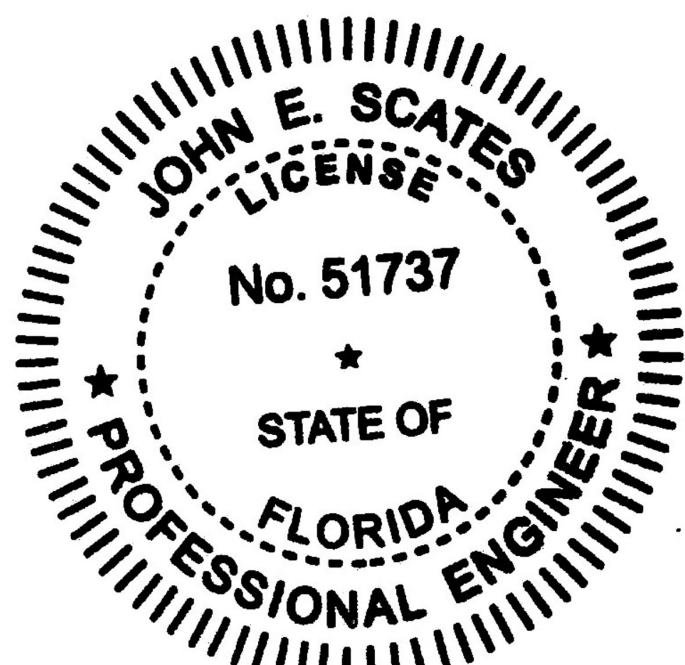
COILSIDE ELEVATION



BOTTOM BAR DETAIL



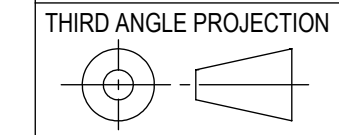
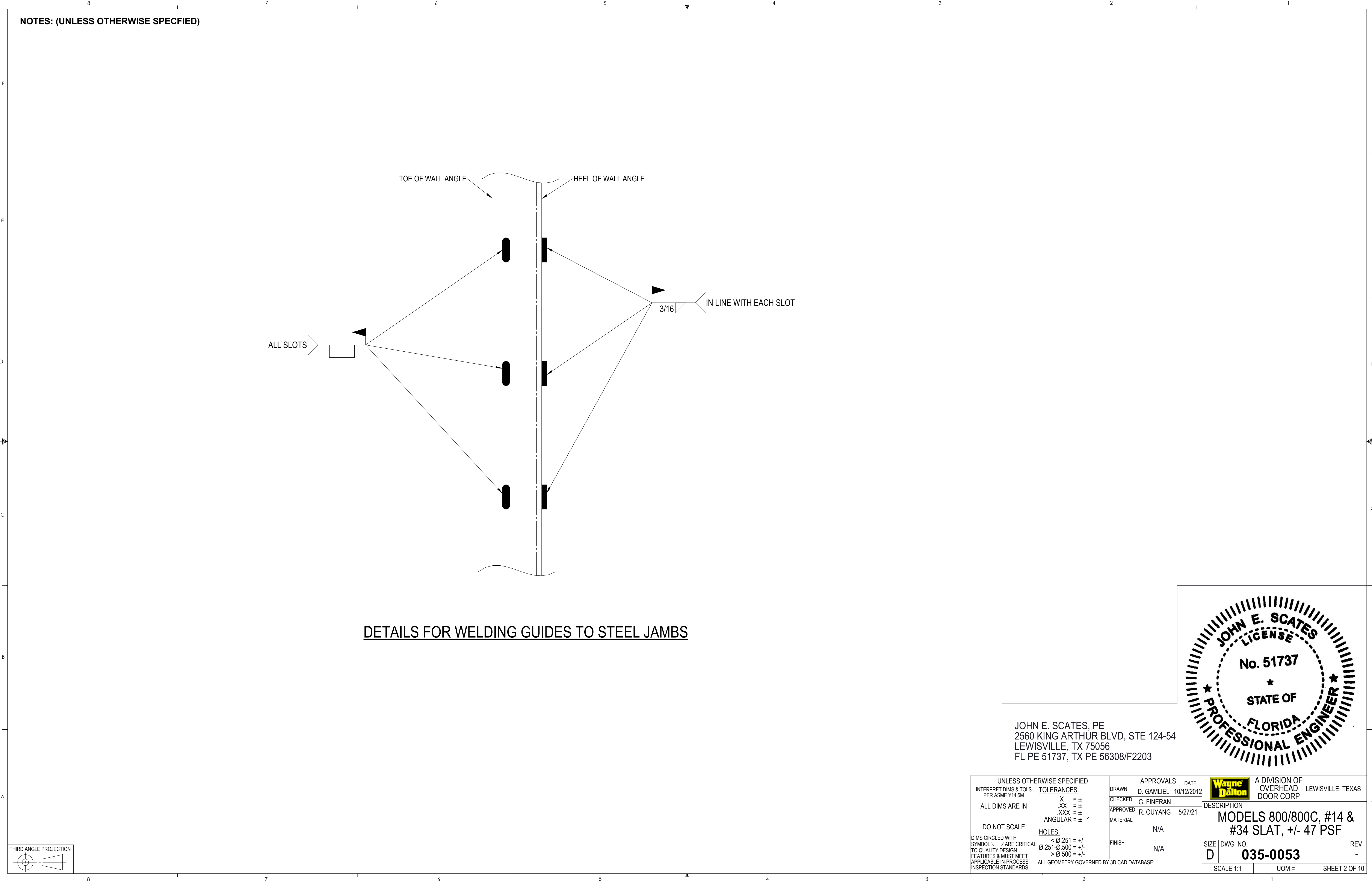
VERTICAL DETAIL



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

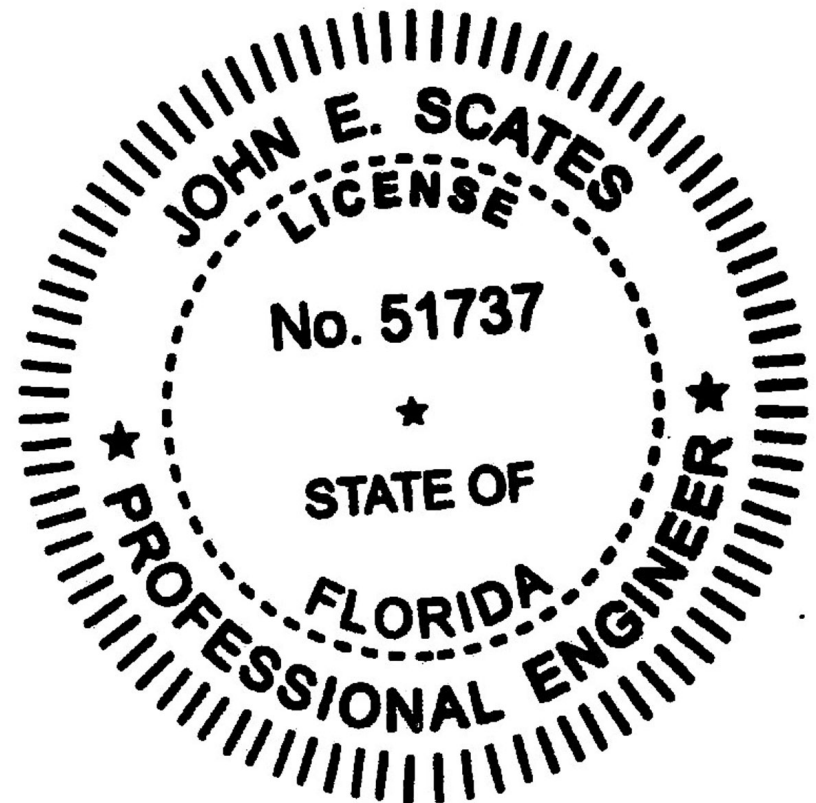
Digitally signed by John E. Scates, P.E.
Date: 2021.06.10 12:26:49 -05'00'

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, +/- 47 PSF		
ALL DIMS ARE IN INCHES			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					
TOLERANCES:			FINISH		N/A	SIZE			DWG NO.	REV
X = ±						D			035-0053	-
XX = ±										
XXX = ±										
ANGULAR = ±										
HOLES:										
Ø .251 = +/-										
Ø .251-Ø .500 = +/-										
> Ø .500 = +/-										
ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:						SCALE 1:1			UOM =	SHEET 1 OF 10



ENG F.20.041D-(FORM REV -)

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

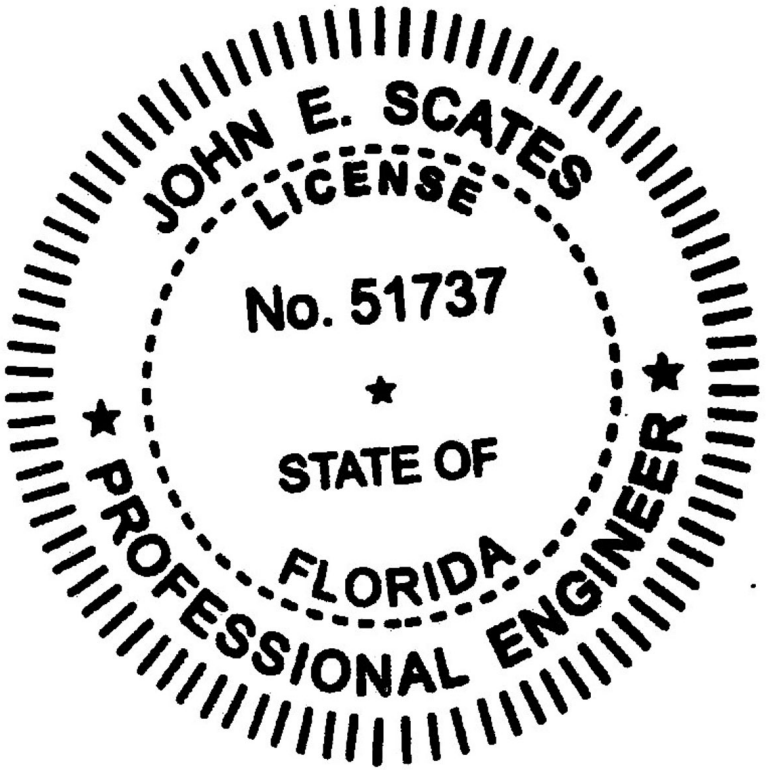


UNLESS OTHERWISE SPECIFIED			APPROVALS		DATE		A DIVISION OF OVERHEAD DOOR CORP			LEWISVILLE, TEXAS
INTERPRET DIMS & TOLS PER ASME Y14.5M			DRAWN	D. GAMLIEL	10/12/2012		DESCRIPTION MODELS 800/800C, #14 & #34 SLAT, +/- 47 PSF			
ALL DIMS ARE IN			CHECKED	G. FINERAN						
DO NOT SCALE			APPROVED	R. OUYANG	5/27/21					
DIMS CIRCLED WITH SYMBOL  ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.			TOLERANCES:			MATERIAL		N/A		
			HOLES:			FINISH		N/A		
			ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:							
						SIZE	DWG NO.	REV		
						D	035-0053	-		
						SCALE 1:1		UOM =		SHEET 2 OF 10

NOTES: (UNLESS OTHERWISE SPECIFIED)

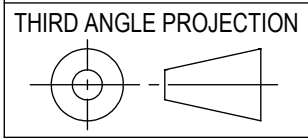
STL GUIDE	M-GUIDE																
SLAT # 14	47 PSF																
DOOR OPENING WIDTH	10'					12'				16'				22'			
H	2.25	3.25	3.75	4.25	4.75	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	3.13	3.63	4.13	4.63
F1	3.00	3.00	3.00	3.00	3.50	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.50	3.50	3.50	3.50
X1	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.50	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
K1	2.38	2.38	2.38	2.38	2.81	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.69	2.69	2.69	2.69
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	2.50	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	3.00	3.00	3.00	3.00
T2	0.19	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
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	1.06	1.06	1.06	1.06
F3	2.00	3.00	3.50	4.00	4.00	3.00	3.50	4.00	4.00	3.00	3.50	4.00	4.00	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	4.00	4.00	4.00	4.00
T3	0.19	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	0.50	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	2.63	3.13	1.69	2.19	2.69	3.19
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	3.00	3.13
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
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
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
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	1.75	1.75	1.63	1.63
WALL ANCHOR DIA	5/8	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 ANCHOR EMBED	4 3/8	3 1/2	3 1/2	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
WALL ANCHOR SPACING	16.25	10.00	9.00	7.00	6.00	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
ASSY BOLT DIA	3/8	3/8	3/8	3/8	3/8	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
ASSY BOLT SPACING	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
WINDLOCK FREQUENCY	ALT	ALT	ALT	ALT	ALT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT
SLIP	1/8	1/8	1/8	1/8	1/8	1/4	1/4	1/4	1/4	3/8	3/8	1/2	9/16	3/4	3/4	15/16	1 1/16
MAX MOMENT (in*lb/LF)	2838	3858	4368	4878	5388	4699	5296	5892	6489	7640	8640	8262	8538	9357	10626	10673	11137
NORMAL (lb/LF)	235	235	235	235	235	282	282	282	282	376	376	376	376	517	517	517	517
PARALLEL (lb/LF)	1020	1020	1020	1020	1020	1194	1194	1194	1194	1999	1999	1684	1568	2539	2539	2258	2114
IMPACT RATED	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			A DIVISION OF OVERHEAD LEWISVILLE, TEXAS DOOR CORP
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES: .X = ± .XX = ± .XXX = ± ANGULAR = ± °	DRAWN D. GAMLIEL	CHECKED G. FINERAN		
ALL DIMS ARE IN		APPROVED R. OUYANG	5/27/21		
DO NOT SCALE		MATERIAL	N/A		
DIMS CIRCLED WITH SYMBOL  ARE CRITICAL TO QUALITY DESIGN. FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.		FINISH N/A		DESCRIPTION MODELS 800/800C, #14 & #34 SLAT, +/- 47 PSF	
		ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:		SIZE DWG NO. 035-0053	
				SCALE 1:1 UOM = SHEET 3 OF 10	

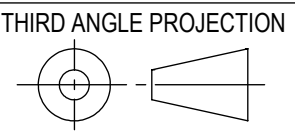
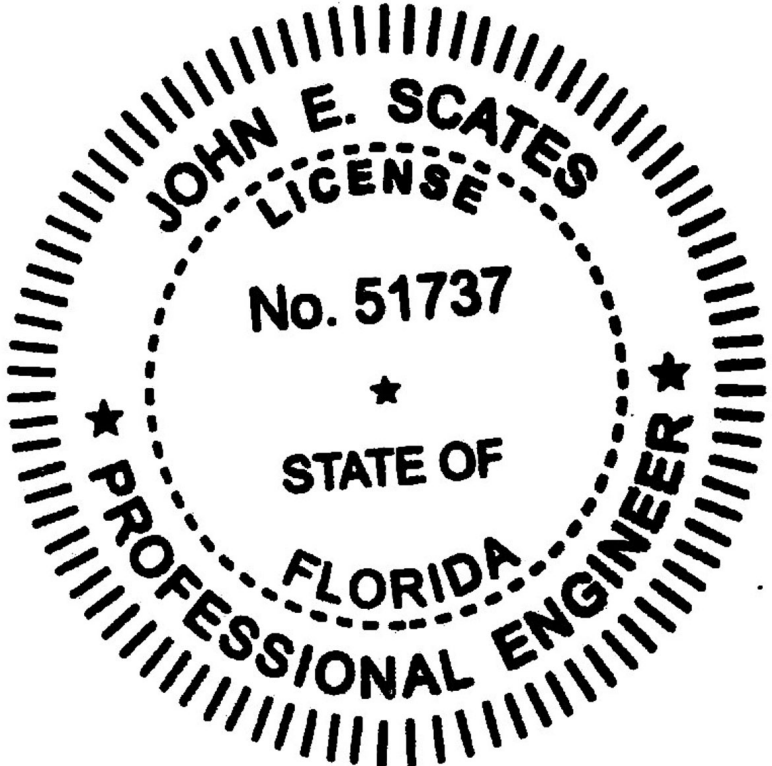


NOTES: (UNLESS OTHERWISE SPECIFIED)

SST GUIDE	M-GUIDE																				
SLAT # 14	47 PSF																				
DOOR OPENING WIDTH	10'			12'						16'						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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
WALL ANCHOR DIA	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	1/2	5/8	1/2	5/8	5/8
WALL ANCHOR EMBED	3 1/2	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	3 1/2	4 3/8	3 1/2	4 3/8	4 3/8
WALL ANCHOR SPACING	10.00	10.00	7.00	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	6.00	7.50	6.00	7.50	7.50
ASSY BOLT DIA	3/8	3/8	3/8	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	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	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT
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	3/8	7/16	9/16	3/4	3/4	3/4	3/4	1 3/16	1 3/16
MAX MOMENT (in*lb/LF)	3858	4368	4878	4506	4716	5103	5313	6033	6630	7282	7664	8281	8664	9065	8726	9357	9830	10626	11099	10211	11208
NORMAL (lb/LF)	235	235	235	282	282	282	282	282	282	376	376	376	376	376	376	517	517	517	517	517	517
PARALLEL (lb/LF)	1020	1020	1020	1194	1194	1194	1194	1194	1194	1999	1999	1999	1999	1825	1568	2539	2539	2539	2539	1994	1994

#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

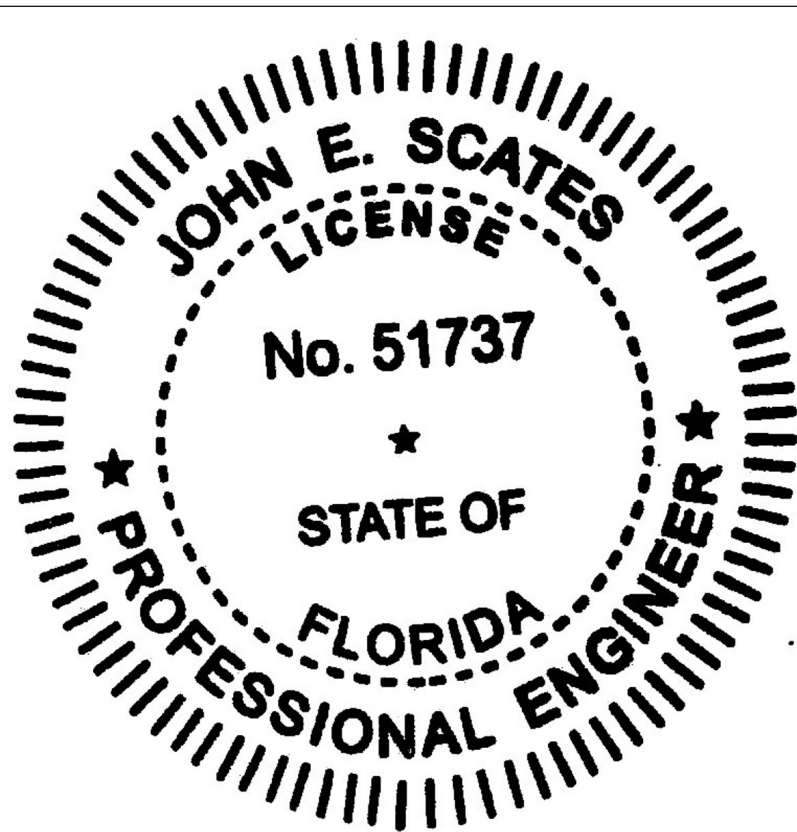


UNLESS OTHERWISE SPECIFIED		APPROVALS		DESCRIPTION MODELS 800/800C, #14 & #34 SLAT, +/- 47 PSF
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES:	DRAWN D. GAMLIEL	DATE 10/12/2012	
ALL DIMS ARE IN	.X = ± .XX = ± .XXX = ± ANGULAR = ± °	CHECKED G. FINERAN		
DO NOT SCALE	HOLES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > 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.	ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:	MATERIAL N/A		SIZE DWG NO. D 035-0053
		FINISH N/A		
		SCALE 1:1		UOM =
				SHEET 5 OF 10

NOTES: (UNLESS OTHERWISE SPECIFIED)

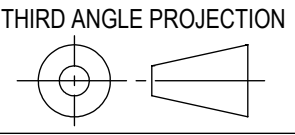
SST GUIDE	S-GUIDE																				
SLAT # 14	47 PSF																				
DOOR OPENING WIDTH	10'			12'						16'						22'					
H	3.25	3.75	4.25	3.13	3.38	3.63	3.88	4.38	4.88	3.13	3.38	3.63	3.88	4.38	4.88	3.13	3.38	3.63	3.88	4.38	4.88
F1	3.00	3.00	3.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00	3.50	4.00	3.50	4.00	4.00	4.00
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
WALL BOLT DIA	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	5/8	5/8	5/8	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
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	10.00	9.00
ASSY BOLT DIA	3/8	3/8	3/8	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	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	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT
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	3/8	7/16	9/16	3/4	3/4	3/4	3/4	1 3/16	1 3/16
MAX MOMENT (in*lb/LF)	3358	3986	4378	3942	4099	4539	4696	5293	5890	6530	6841	7529	7841	8078	7739	8323	8699	9592	9968	8854	9851
NORMAL (lb/LF)	235	235	235	282	282	282	282	282	282	376	376	376	376	376	376	517	517	517	517	517	517
PARALLEL (lb/LF)	1020	1020	1020	1194	1194	1194	1194	1194	1194	1999	1999	1999	1999	1825	1568	2539	2539	2539	2539	1994	1994

#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					
INTERPRET DIMS & TOLS PER ASME Y14.5M			TOLERANCES:		DRAWN		D. GAMLIEL		10/12/2012		DESCRIPTION MODELS 800/800C, #14 & #34 SLAT, +/- 47 PSF					
ALL DIMS ARE IN			.X = ± .XX = ± .XXX = ± ANGULAR = ± °		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.			HOLES: ◊ .251 = +/- ◊ .251-◊ .500 = +/- ◊ .500 = +/-		MATERIAL		N/A									
					FINISH		N/A		SIZE		DWG NO.		REV			
									D		035-0053		-			
											SCALE 1:1		UOM =		SHEET 6 OF 10	

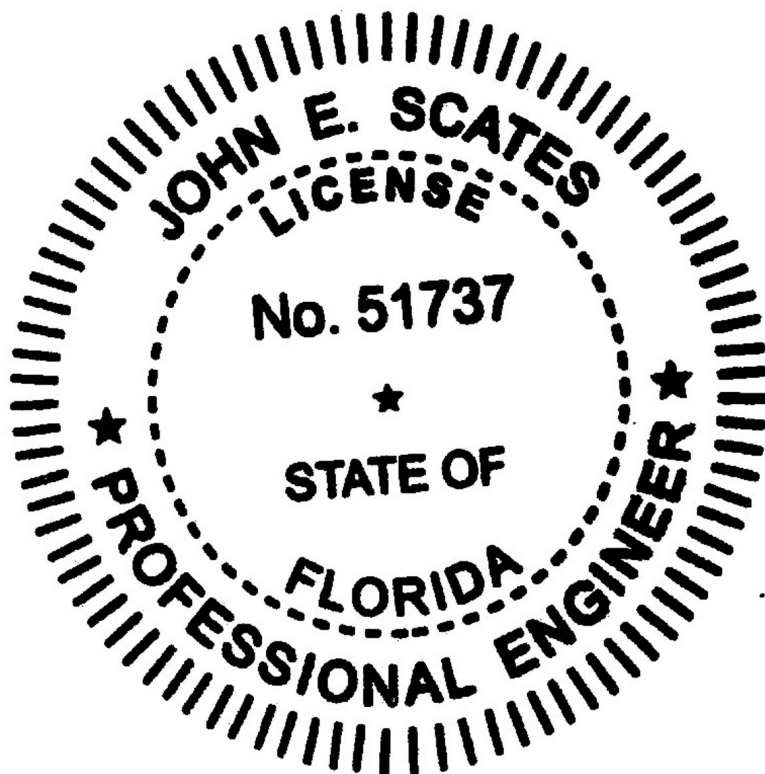


NOTES: (UNLESS OTHERWISE SPECIFIED)

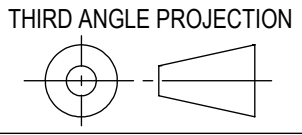
STL GUIDE	M-GUIDE																
SLAT # 34	47 PSF																
DOOR OPENING WIDTH	10'					12'				16'				22'			
H	2.25	3.25	3.75	4.25	4.75	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	3.13	3.63	4.13	4.63
F1	3.00	3.00	3.00	3.00	3.50	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.50	3.50	3.50	3.50
X1	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.50	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
K1	2.38	2.38	2.38	2.38	2.81	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.69	2.69	2.69	2.69
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	2.50	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	3.00	3.00	3.00	3.00
T2	0.19	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
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	1.06	1.06	1.06	1.06
F3	2.00	3.00	3.50	4.00	4.00	3.00	3.50	4.00	4.00	3.00	3.50	4.00	4.00	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	4.00	4.00	4.00	4.00
T3	0.19	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	0.50	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	2.63	3.13	1.69	2.19	2.69	3.19
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	3.00	3.13
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
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
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
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	1.75	1.75	1.63	1.63
WALL ANCHOR DIA	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	1/2	5/8	5/8	5/8
WALL ANCHOR EMBED	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	3 1/2	4 3/8	4 3/8	4 3/8
WALL ANCHOR SPACING	16.25	16.25	16.25	16.25	16.25	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	6.00	7.50	7.50	7.50
ASSY BOLT DIA	3/8	3/8	3/8	3/8	3/8	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
ASSY BOLT SPACING	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
WINDLOCK FREQUENCY	ALT	ALT	ALT	ALT	ALT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT
SLIP	1/8	1/8	1/8	1/8	1/8	1/4	1/4	1/4	1/4	3/8	3/8	3/8	3/8	1 1/16	3/4	3/4	15/16
MAX MOMENT (in*lb/LF)	617	602	602	573	558	2163	2385	2606	2827	6212	7000	7789	8577	7321	9810	10903	10757
NORMAL (lb/LF)	235	235	235	235	235	282	282	282	282	376	376	376	376	517	517	517	517
PARALLEL (lb/LF)	0	0	0	0	0	443	443	443	443	1576	1576	1576	1576	1888	2314	2314	2032
IMPACT RATED	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 LEWISVILLE, TEXAS DOOR CORP
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	HILES: < 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		DESCRIPTION MODELS 800/800C, #14 & #34 SLAT, +/- 47 PSF	
		FINISH N/A		SIZE DWG NO.	
				D 035-0053	
				SCALE 1:1 UOM = SHEET 7 OF 10	

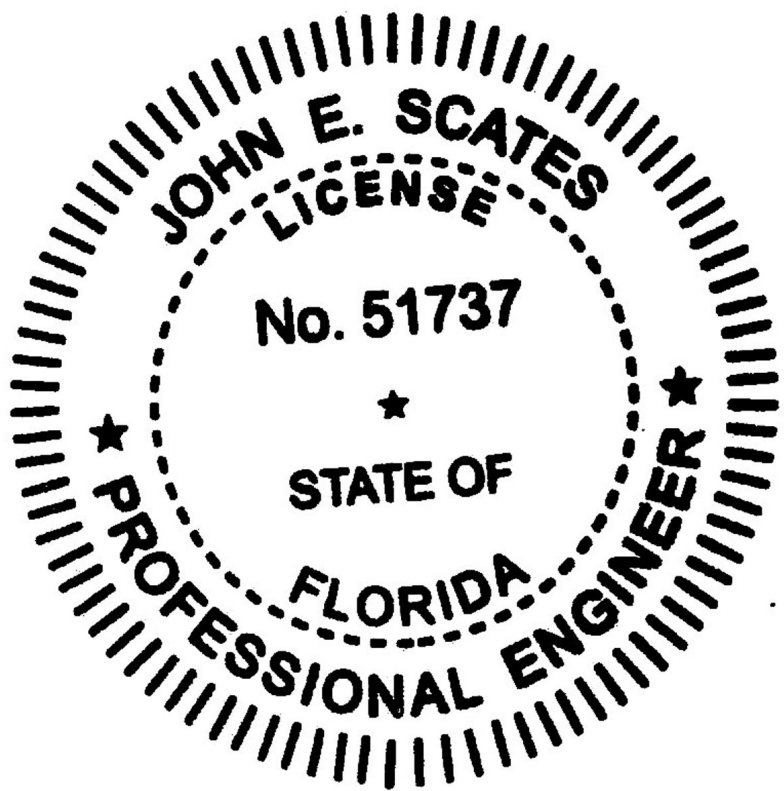


NOTES: (UNLESS OTHERWISE SPECIFIED)

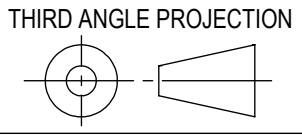
STL GUIDE	S-GUIDE																
SLAT # 34	47 PSF																
DOOR OPENING WIDTH	10'					12'				16'				22'			
H	2.25	3.25	3.75	4.25	4.75	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	3.13	3.63	4.13	4.63
F1	3.00	3.00	3.00	3.00	3.50	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.50	3.50	3.50	3.50
X1	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.50	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
K1	2.38	2.38	2.38	2.38	2.81	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.69	2.69	2.69	2.69
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	2.50	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	3.00	3.00	3.00	3.00
T2	0.19	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
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	1.06	1.06	1.06	1.06
F3	2.00	3.00	3.50	4.00	4.00	3.00	3.50	4.00	4.00	3.00	3.50	4.00	4.00	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	4.00	4.00	4.00	4.00
T3	0.19	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
K3	1.13	2.13	2.63	3.13	3.25	1.63	2.13	2.63	3.13	1.63	2.13	2.63	3.13	1.69	2.19	2.69	3.19
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	2.63	2.63	2.63	2.63
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
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
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
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	1.75	1.75	1.75	1.75
WALL BOLT DIA	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	5/8
WALL BOLT GRADE	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
ASSY BOLT DIA	3/8	3/8	3/8	3/8	3/8	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
ASSY BOLT SPACING	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
WINDLOCK FREQUENCY	ALT	ALT	ALT	ALT	ALT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT
SLIP	1/8	1/8	1/8	1/8	1/8	1/4	1/4	1/4	1/4	3/8	3/8	3/8	3/8	1 1/16	3/4	3/4	15/16
MAX MOMENT (in*lb/LF)	-118	-103	-103	-73	-73	1564	1785	2007	2228	5413	6201	6990	7778	6287	8776	9933	9787
NORMAL (lb/LF)	235	235	235	235	235	282	282	282	282	376	376	376	376	517	517	517	517
PARALLEL (lb/LF)	0	0	0	0	0	443	443	443	443	1576	1576	1576	1576	1888	2314	2314	2032
IMPACT RATED	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



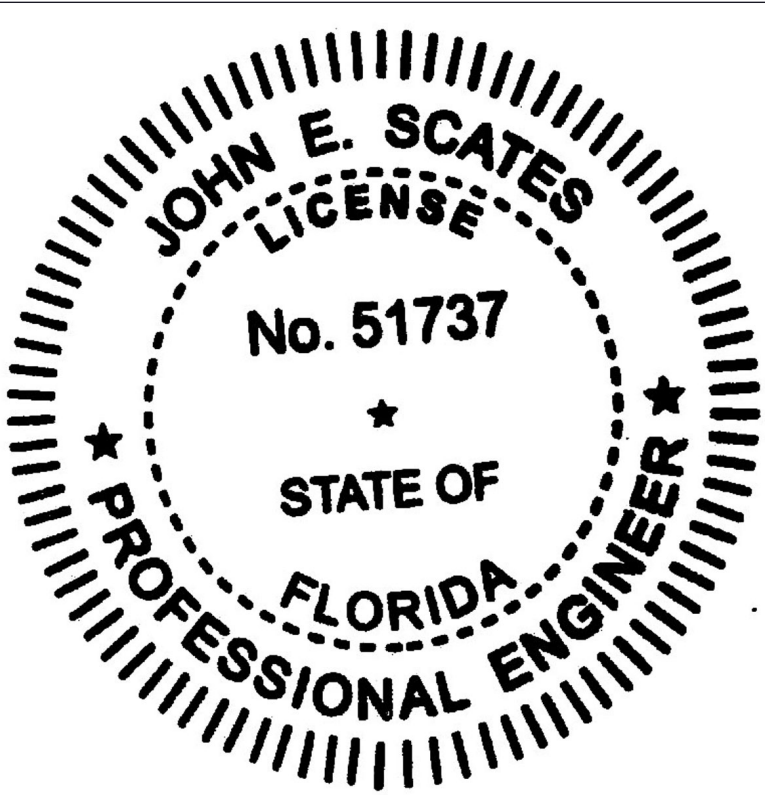
UNLESS OTHERWISE SPECIFIED		APPROVALS DATE: 10/12/2012		Wayne Dalton A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS	
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES:	DRAWN D. GAMLIEL	CHECKED G. FINERAN		
ALL DIMS ARE IN	.X = ± .XX = ± .XXX = ± ANGULAR = ± °	APPROVED R. OUYANG	5/27/21		
DO NOT SCALE	HOLES: < 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, +/- 47 PSF	
				SIZE DWG NO. D 035-0053	REV -
				SCALE 1:1	SHEET 8 OF 10



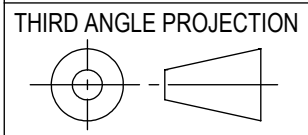
NOTES: (UNLESS OTHERWISE SPECIFIED)

SST GUIDE	M-GUIDE																				
SLAT # 34	47 PSF																				
DOOR OPENING WIDTH	10'			12'						16'						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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
WALL ANCHOR DIA	5/8	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	1/2	5/8	1/2	5/8	5/8
WALL ANCHOR EMBED	4 3/8	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	3 1/2	4 3/8	3 1/2	4 3/8	4 3/8
WALL ANCHOR SPACING	16.25	14.00	16.25	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.00	7.50	7.00	7.50	7.50
ASSY BOLT DIA	3/8	3/8	3/8	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	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	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT
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	3/8	3/8	3/8	3/4	3/4	3/4	3/4	1 1/8	1 3/16
MAX MOMENT (in*lb/LF)	602	602	573	2158	2181	2380	2402	2747	2968	5959	6236	6747	7024	7977	8765	8653	9070	9810	10227	9470	10100
NORMAL (lb/LF)	235	235	235	282	282	282	282	282	282	376	376	376	376	376	376	517	517	517	517	517	517
PARALLEL (lb/LF)	0	0	0	443	443	443	443	443	443	1576	1576	1576	1576	1576	1576	2314	2314	2314	2314	1825	1767

#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

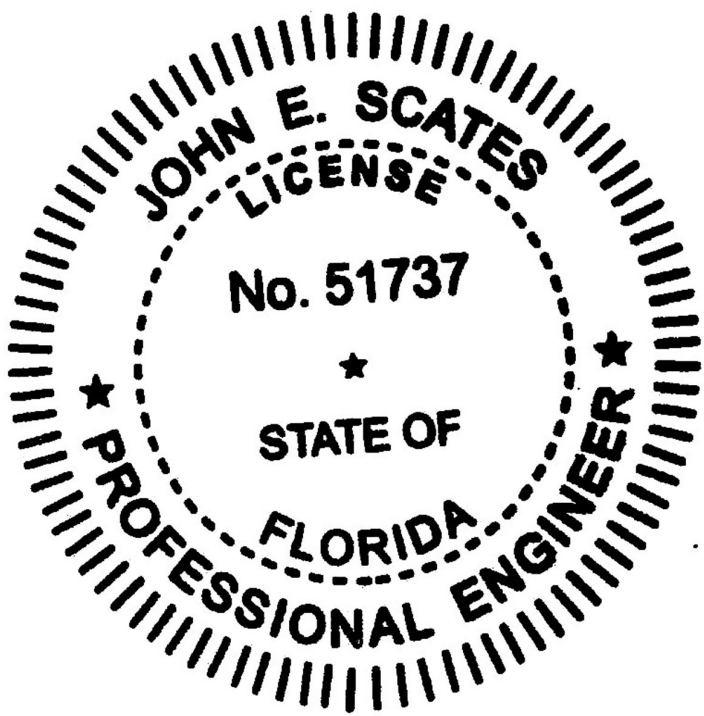


UNLESS OTHERWISE SPECIFIED		APPROVALS DATE		A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES:	DRAWN D. GAMLIEL	10/12/2012	
ALL DIMS ARE IN	.X = ± .XX = ± .XXX = ± ANGULAR = ± °	CHECKED G. FINERAN		
DO NOT SCALE	HILES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > 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		DESCRIPTION
		FINISH N/A		MODELS 800/800C, #14 & #34 SLAT, +/- 47 PSF
		ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:		SIZE DWG NO.
				D 035-0053
				SCALE 1:1 UOM = SHEET 9 OF 10

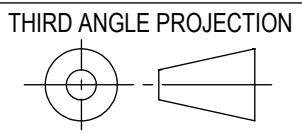
NOTES: (UNLESS OTHERWISE SPECIFIED)

SST GUIDE	S-GUIDE																				
SLAT # 34	47 PSF																				
DOOR OPENING WIDTH	10'			12'						16'						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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
WALL BOLT DIA	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	5/8	5/8	5/8	5/8	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
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	18.00	10.00
ASSY BOLT DIA	3/8	3/8	3/8	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	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	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT	CONT
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	3/8	3/8	3/8	3/4	3/4	3/4	3/4	1 1/8	1 3/16
MAX MOMENT (in*lb/LF)	-103	-220	-73	1594	1564	1816	1785	2007	2228	5207	5413	5995	6201	6990	7778	7619	7939	8776	9096	8113	8743
NORMAL (lb/LF)	235	235	235	282	282	282	282	282	282	376	376	376	376	376	376	517	517	517	517	517	517
PARALLEL (lb/LF)	0	0	0	443	443	443	443	443	443	1576	1576	1576	1576	1576	1576	2314	2314	2314	2314	1825	1767

#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	MATERIAL		
DO NOT SCALE	HILES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/- ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:	FINISH N/A			
DESCRIPTION				MODELS 800/800C, #14 & #34 SLAT, +/- 47 PSF	
SIZE DWG NO.				REV	
D 035-0053				-	
SCALE 1:1		UOM =		SHEET 10 OF 10	