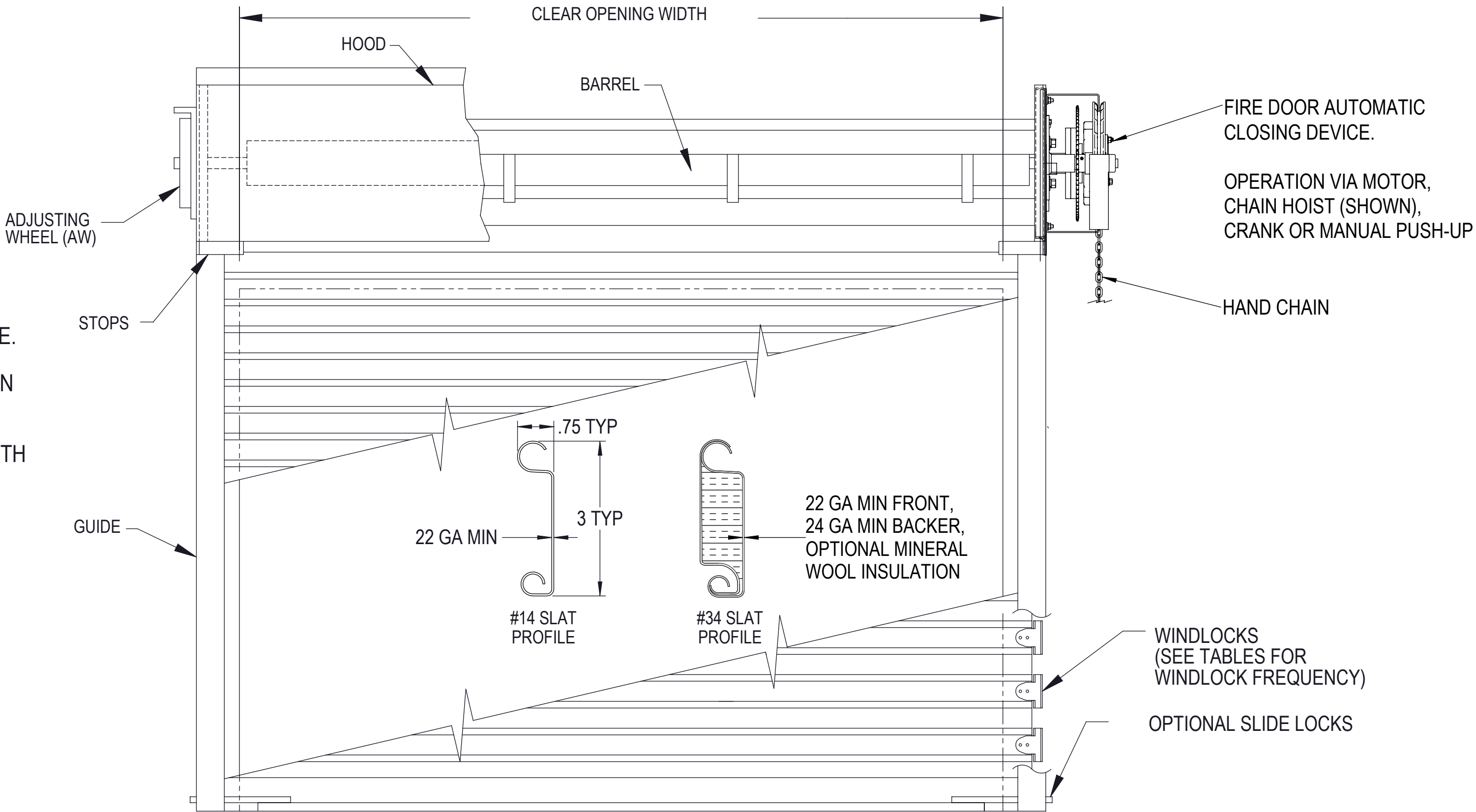


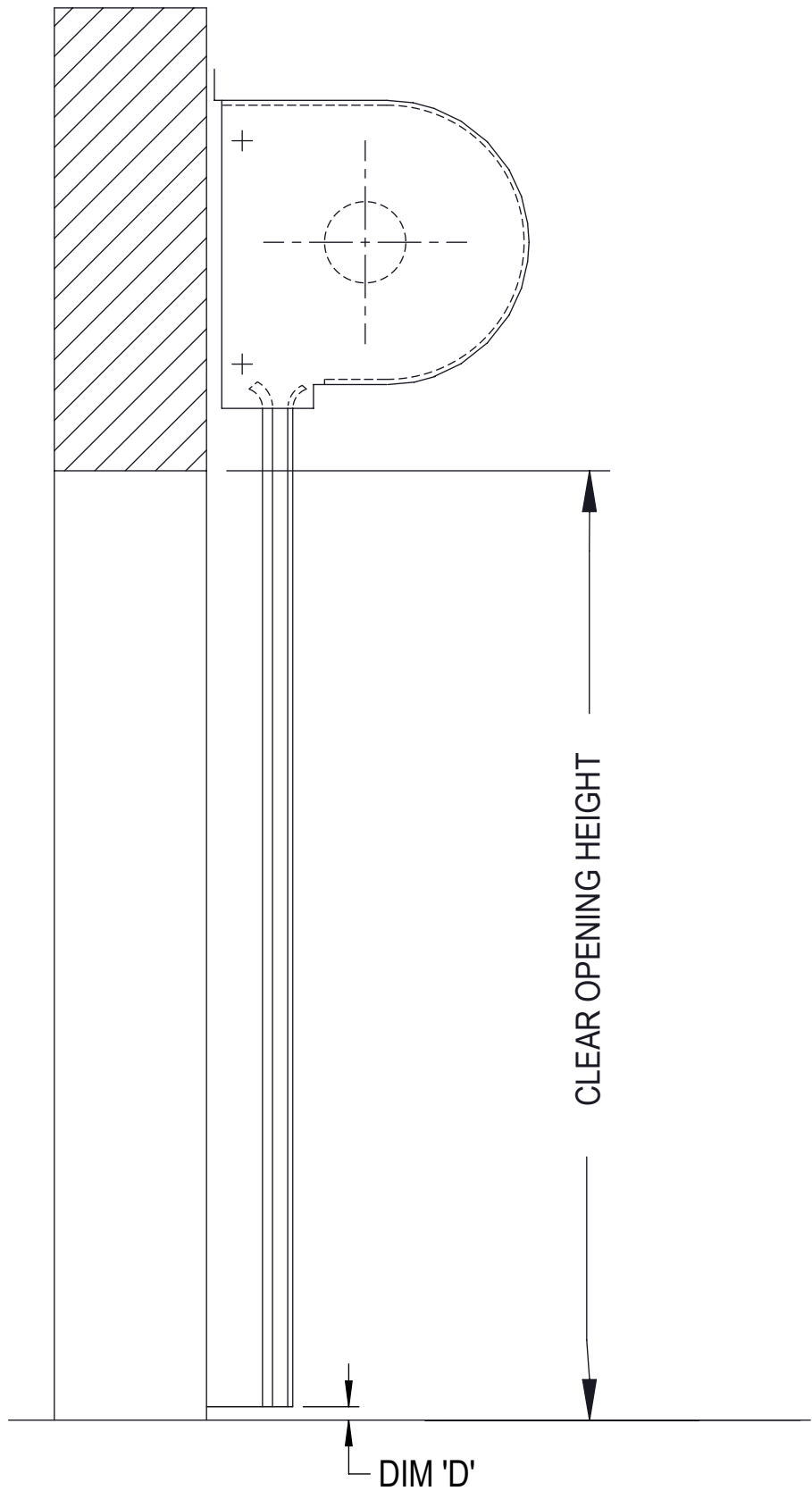
NOTES: (UNLESS OTHERWISE SPECIFIED)

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 DWG D-6015. #34 SLAT DWG 701-0605. GUIDE DWGS: 706-1615, 706-1622, 706-1629
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. WELDING TO JAMB IS DISALLOWED FOR FM LABELLED DOORS.
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, AND MUST BE INSTALLED IN ACCORDANCE WITH NFPA 80, WITH FUSIBLE LINKS NEAR THE OPENING AND AT OR NEAR THE CEILING.
10. ALL FORCE OR MOMENT VALUES ARE PER LINEAR FT OF GUIDE, PER SIDE. A NEGATIVE VALUE INDICATES DIRECTION OPPOSITE OF ARROW DIRECTION.
11. WALL GUIDES FEATURE EXPANSION CLEARANCE ABOVE OR BELOW THE GUIDE FOR THE EVENT OF A FIRE.

REVISIONS				
PCR	REV	DESCRIPTION	DATE	APVL
32708	-	RELEASE FOR PRODUCTION	10/1/2021	RO

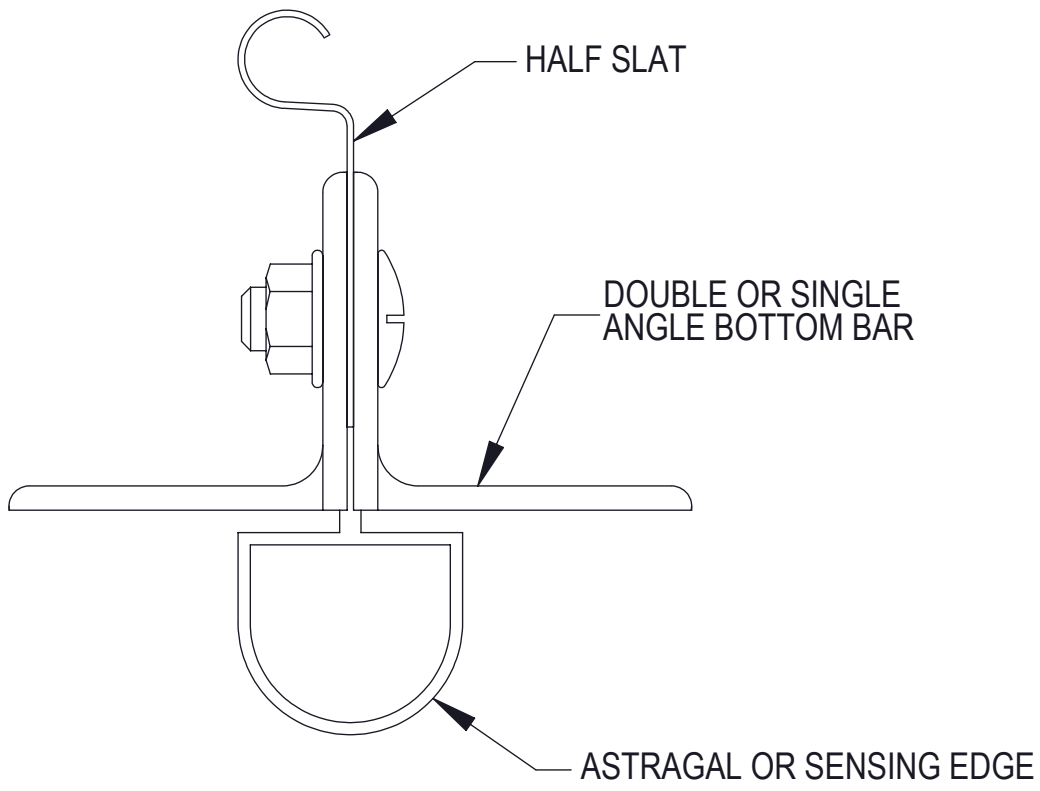


COILSIDE ELEVATION

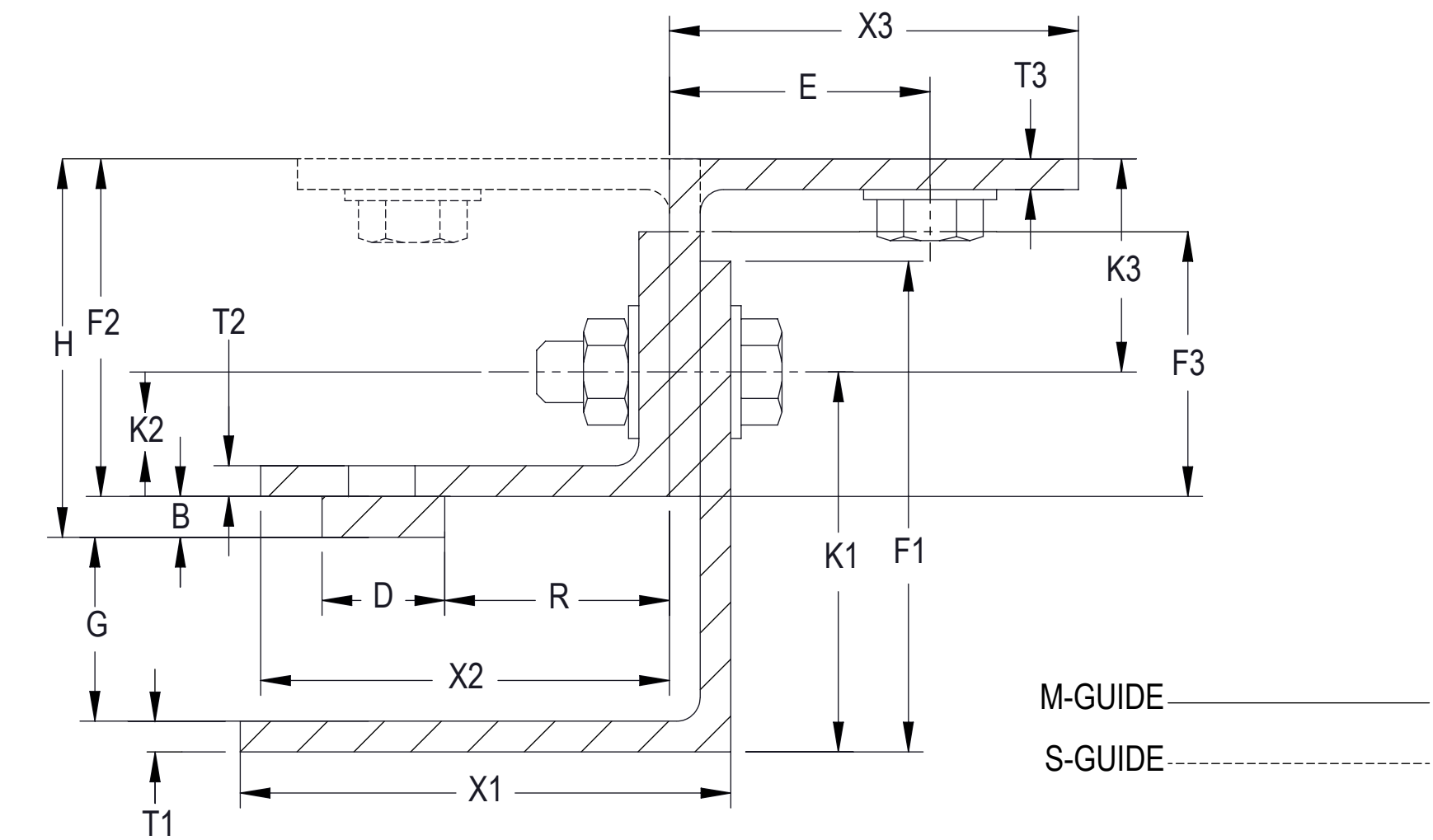


VERTICAL DETAIL

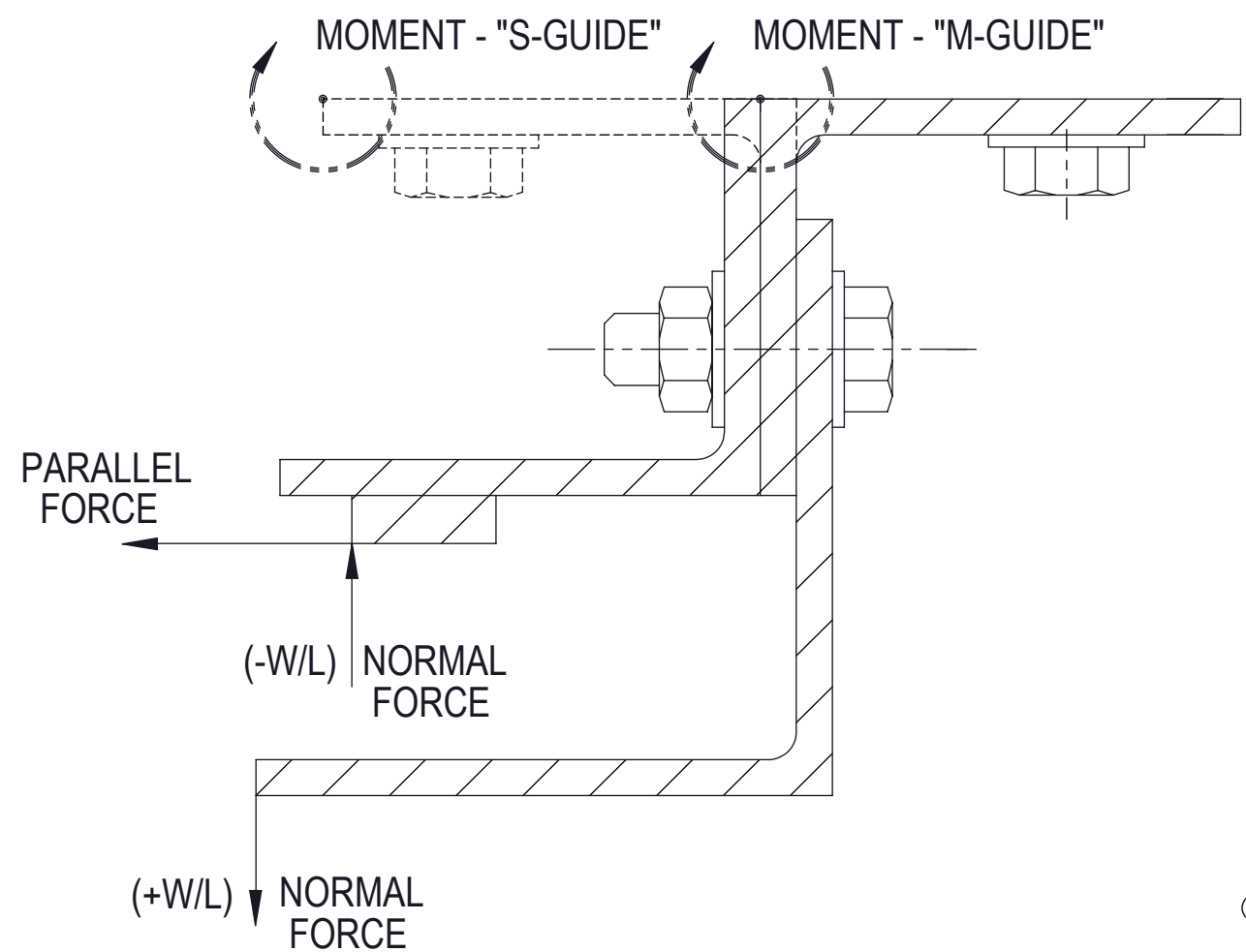
DIM 'D' (FOR DOWNWARD EXPANSION)	
DOOR HEIGHT	DIM 'D'
8'	1"
8' < DH ≤ 12'	1-1/2"
12' < DH ≤ 18'	2-1/4"
18' < DH ≤ 24'	3"
24' < DH ≤ 30'	3-3/4"



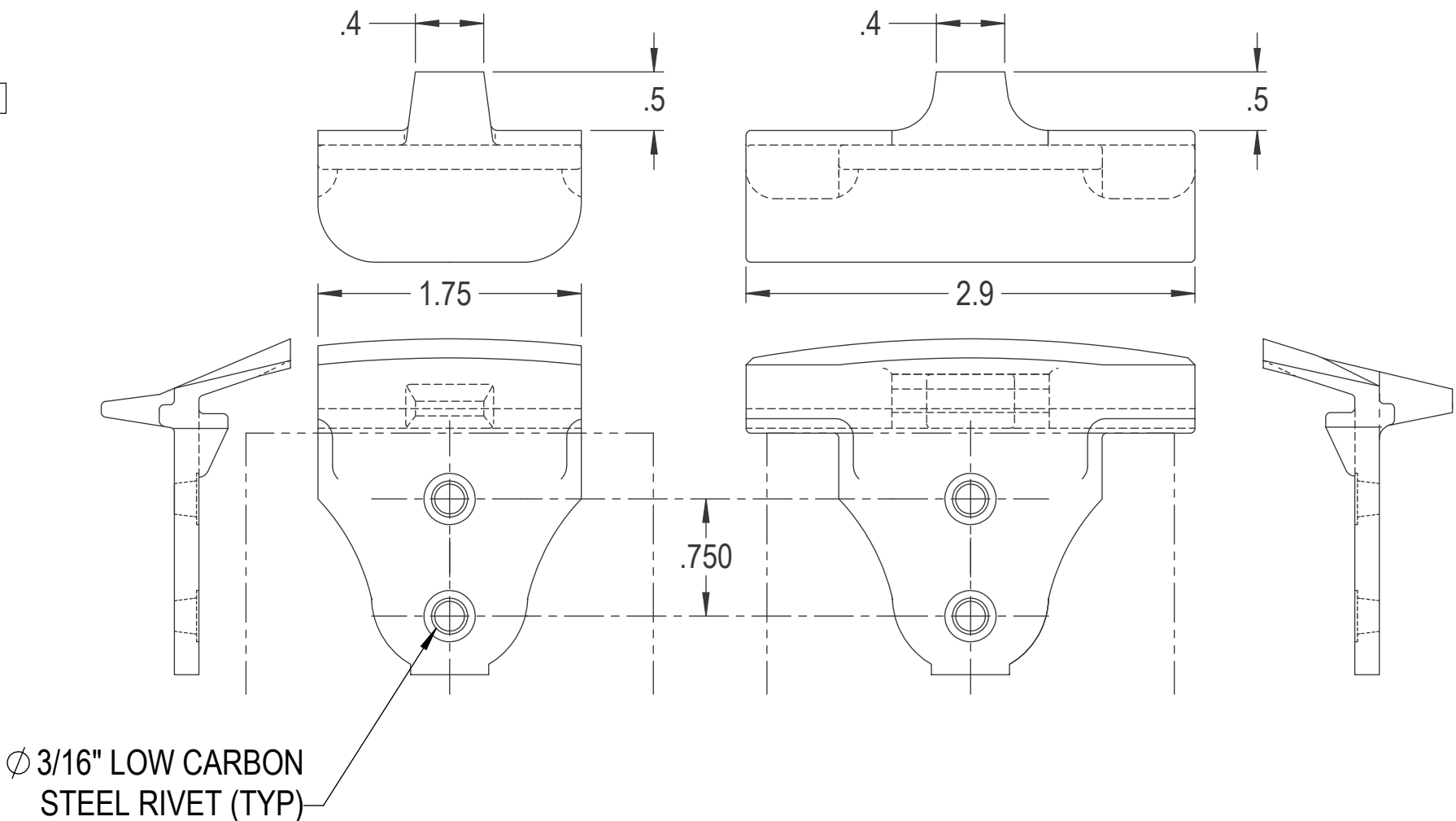
BOTTOM BAR DETAIL



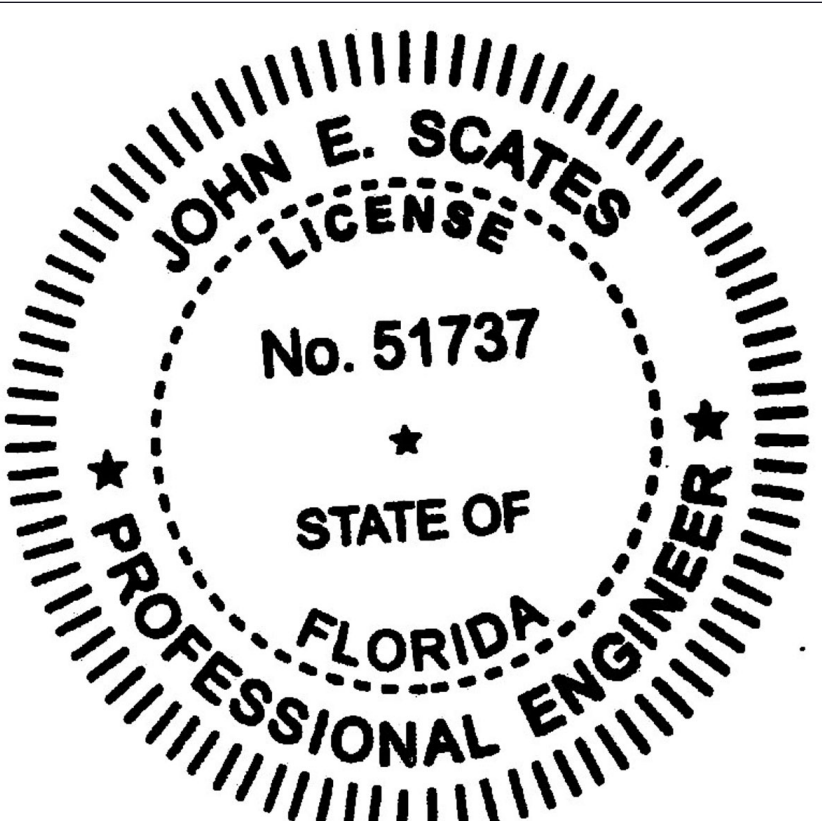
GUIDE DETAIL



FORCE DETAIL



WINDLOCK DETAIL



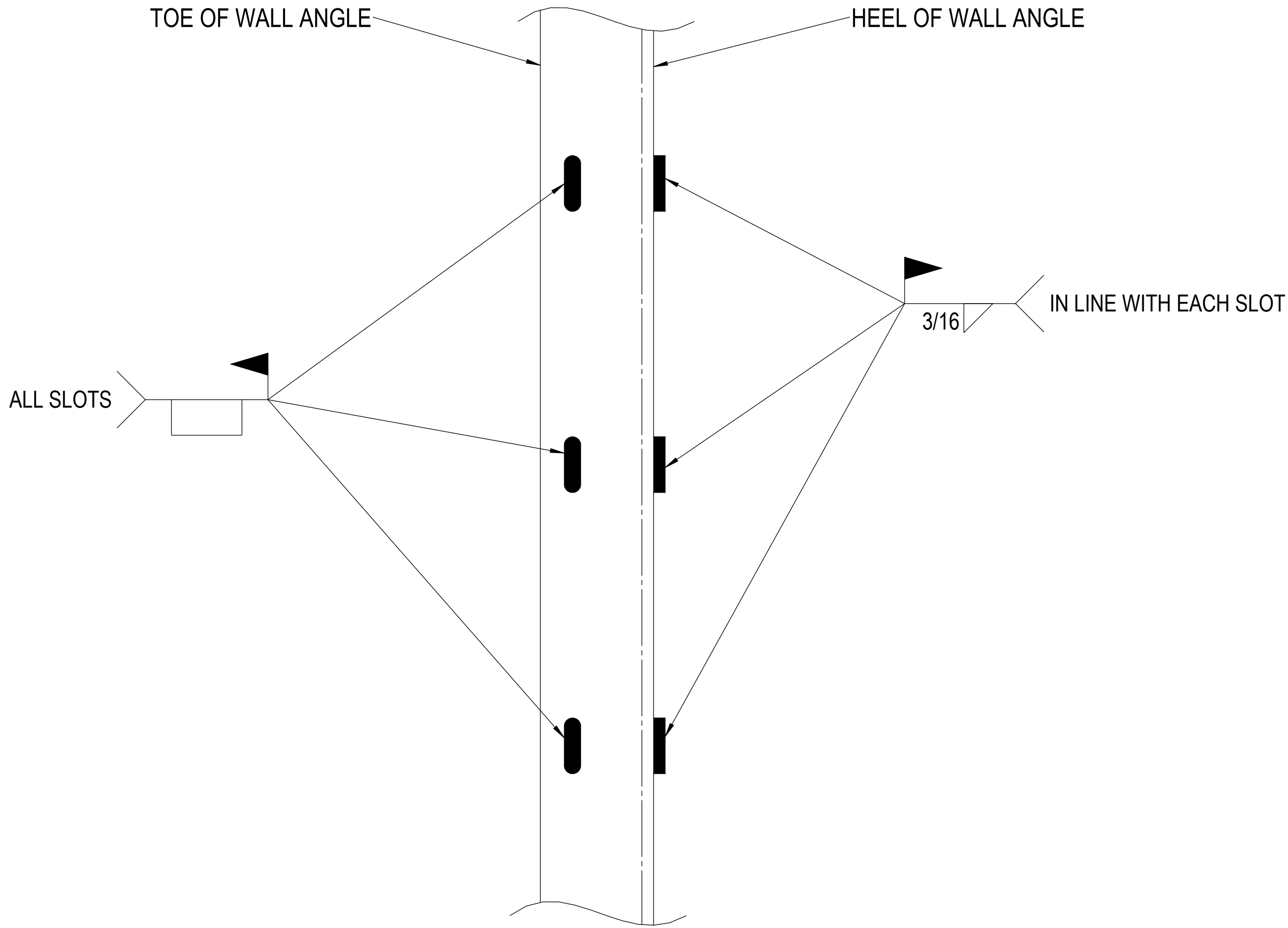
JOHN E. SCATES, PE
2560 KING ARTHUR BLVD, STE 124-54
LEWISVILLE, TX 75056
FL PE 51737, TX PE 56308/F2203

UNLESS OTHERWISE SPECIFIED		APPROVALS	DATE	 A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES:	DRAWN	D. GAMIEL	
ALL DIMS ARE IN INCHES	.X = ± .XX = ± .XXX = ± ANGULAR = ±	CHECKED	G. FINERAN	
DO NOT SCALE	Holes: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/-	APPROVED	R. OUYANG	
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	DESCRIPTION MODELS 700/700C ROLLING FIRE DOORS, #14 & #34 SLAT, +/- 37 PSF
		FINISH	N/A	SIZE DWG NO. D 035-0055
				REV -
				SCALE 1:1 UOM = SHEET 1 OF 10

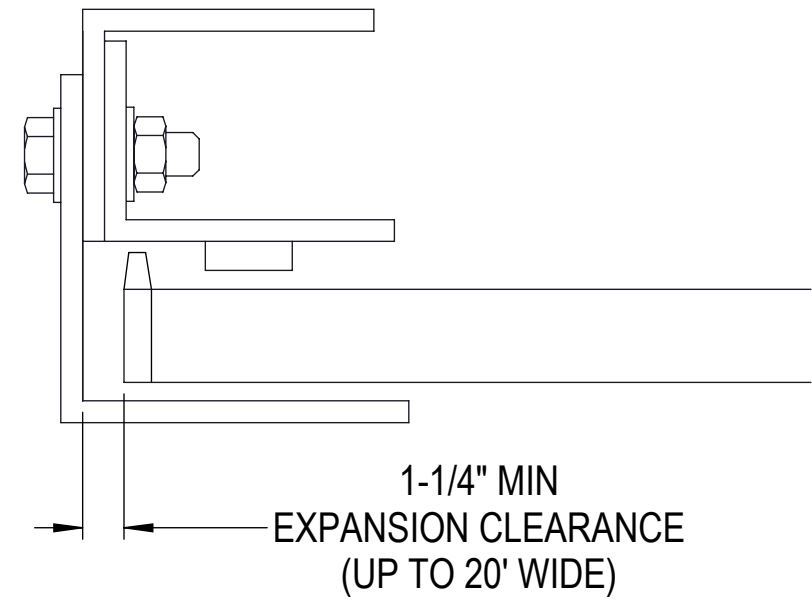
Digitally signed by John E Scates
Date: 2021.10.12 15:49:31 -05'00'

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

NOTES: (UNLESS OTHERWISE SPECIFIED)



DETAILS FOR WELDING GUIDES TO STEEL JAMBS

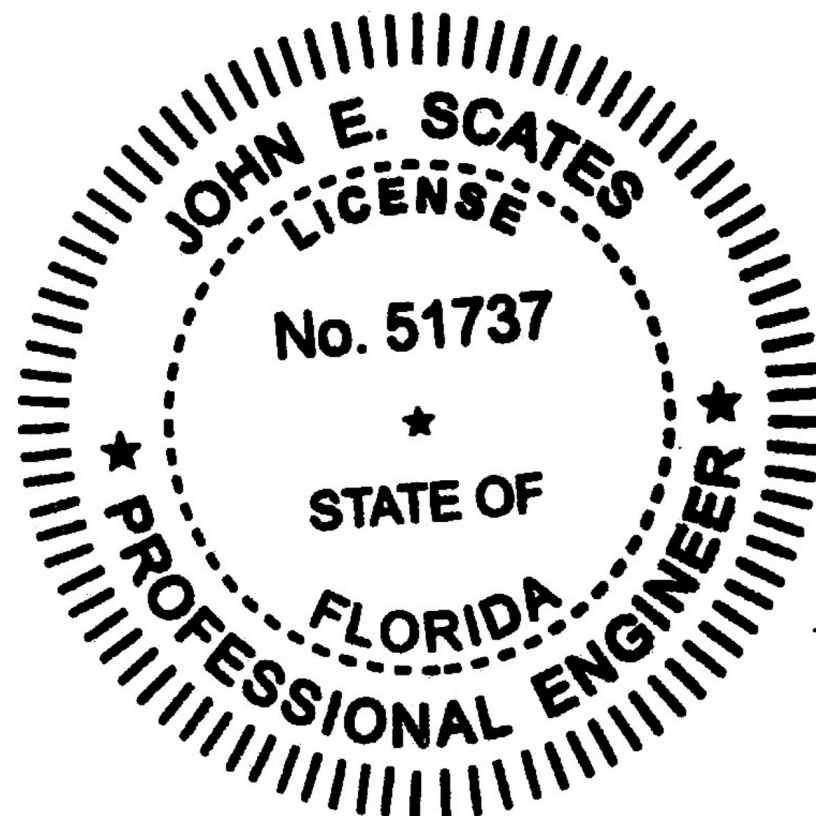


HORIZONTAL EXPANSION DETAIL

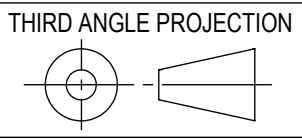


JAMB FASTENER DETAIL

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	CHECKED G. FINERAN	APPROVED R. OUYANG	9/30/21	10/1/21	DESCRIPTION MODELS 700/700C ROLLING FIRE DOORS, #14 & #34 SLAT, +/- 37 PSF						
ALL DIMS ARE IN	DO NOT SCALE DIMS CIRCLED WITH SYMBOL (C) ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.	HOLES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/-	ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:	MATERIAL		N/A		SIZE		DWG NO.		REV	
				FINISH		N/A		D		035-0055		-	
SCALE 1:1				UOM =		SHEET 2 OF 10							

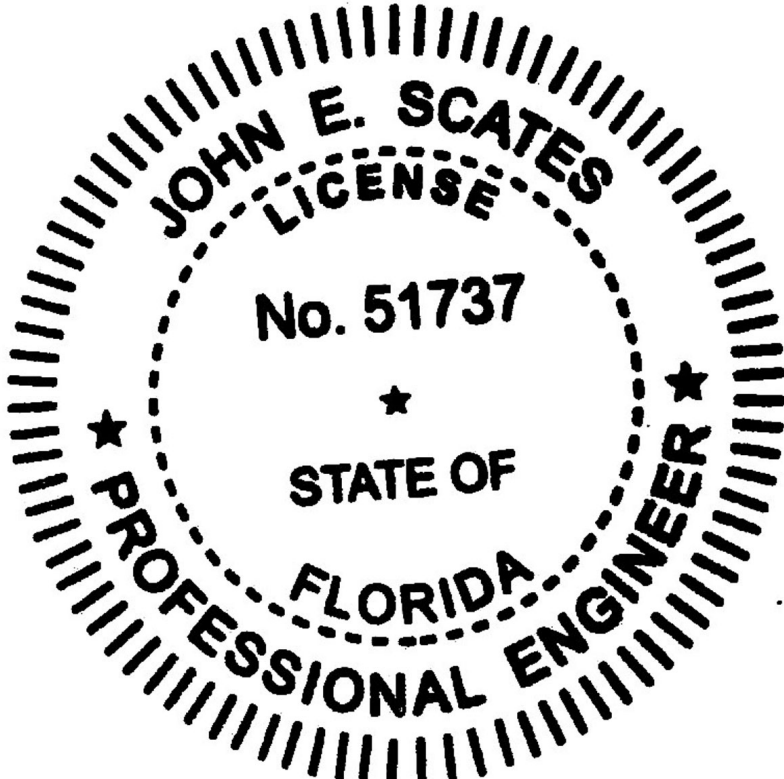


NOTES: (UNLESS OTHERWISE SPECIFIED)

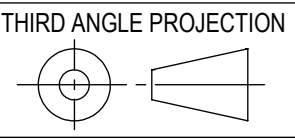
STL GUIDE	M-GUIDE																				
SLAT # 14	37 PSF																				
DOOR OPENING WIDTH	10'				12'				16'				18'				20'				
H	3.25	3.75	4.25	4.75	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	3.13	3.63	4.13	4.63	4.88
F1	3.00	3.00	3.00	3.50	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.50	3.50	3.50	3.50	4.00
X1	3.00	3.00	3.00	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	0.19	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	2.81	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	2.75	2.75	2.75	2.75	3.00
F2	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	2.50	2.00	2.00	2.00	2.00	2.50
X2	2.50	2.50	2.50	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	0.19	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	1.25	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.13	1.13	1.13	1.13	1.38
F3	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	3.00	3.50	4.00	4.00	4.00
X3	3.00	3.00	3.00	3.00	3.50	3.50	3.50	4.00	3.50	3.50	3.50	4.00	3.50	3.50	3.50	4.00	4.00	4.00	4.00	4.00	4.00
T3	0.25	0.25	0.38	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.50
K3	2.13	2.63	3.13	3.25	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	1.63	2.13	2.63	3.13	3.13
E	1.75	2.00	2.13	2.00	2.63	2.63	2.63	3.00	2.63	2.63	2.63	3.00	2.63	2.63	2.63	3.00	3.13	3.13	3.00	3.13	3.00
G	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	1.00
B	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	0.38
D	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	1.00
R	1.75	1.75	1.75	1.63	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
WALL ANCHOR DIA	1/2	1/2	3/8	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	1/2	1/2	1/2	1/2	1/2
WALL ANCHOR EMBED	3 1/2	3 1/2	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	5 5/8	5 5/8	5 5/8	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
WALL ANCHOR SPACING	18.00	18.00	18.00	18.00	12.00	12.00	12.00	16.00	8.00	7.25	8.00	11.00	6.00	5.50	6.00	8.00	6.50	6.00	6.25	6.25	6.00
ASSY BOLT DIA	3/8	3/8	3/8	3/8	1/2	1/2	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
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/2	1/2	5/8	5/8	1/2	1/2	5/8	5/8	1/2	1/2	5/8	5/8	5/8
MAX MOMENT (in*lb/LF)	1413	1559	1706	1829	3325	3719	4113	4507	5073	5693	5573	6108	6532	7352	7290	8009	7461	8477	8520	9418	9868
NORMAL (lb/LF)	185	185	185	185	222	222	222	222	296	296	296	296	333	333	333	333	370	370	370	370	370
PARALLEL (lb/LF)	293	293	293	293	788	788	788	788	1240	1240	1071	1071	1640	1640	1438	1438	2032	2032	1796	1796	1796

#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: 9/30/2021		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	10/1/21		
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 700/700C ROLLING FIRE DOORS, #14 & #34 SLAT, +/- 37 PSF	
				SIZE DWG NO. D 035-0055	
				SCALE 1:1 UOM = SHEET 3 OF 10	

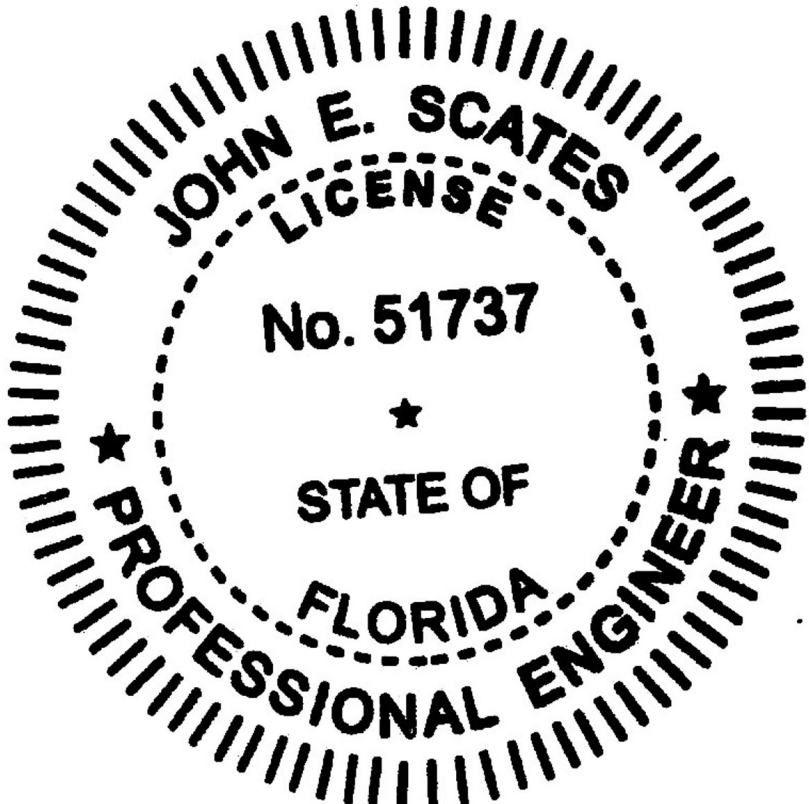


NOTES: (UNLESS OTHERWISE SPECIFIED)

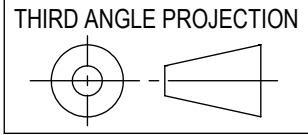
STL GUIDE	S-GUIDE																				
SLAT # 14	37 PSF																				
DOOR OPENING WIDTH	10'				12'				16'				18'				20'				
H	3.25	3.75	4.25	4.75	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	3.13	3.63	4.13	4.63	4.88
F1	3.00	3.00	3.00	3.50	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.50	3.50	3.50	3.50	4.00
X1	3.00	3.00	3.00	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	0.19	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	2.81	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	2.75	2.75	2.75	2.75	3.00
F2	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	2.50	2.00	2.00	2.00	2.00	2.50
X2	2.50	2.50	2.50	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	0.19	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	1.25	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.13	1.13	1.13	1.13	1.38
F3	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	3.00	3.50	4.00	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	3.00	3.00	3.00	4.00	4.00	4.00	4.00	3.00
T3	0.25	0.25	0.38	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.50
K3	2.13	2.63	3.13	3.25	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	1.63	2.13	2.63	3.13	3.13
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	2.63	2.63	2.63	2.63	1.63
G	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	1.00
B	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	0.38
D	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	1.00
R	1.75	1.75	1.75	1.63	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
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	1/2	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	5	5	5
WALL BOLT SPACING	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	14.00	14.00	14.00	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	1/2	1/2	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
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/2	1/2	5/8	5/8	1/2	1/2	5/8	5/8	1/2	1/2	5/8	5/8	5/8
MAX MOMENT (in*lb/LF)	1159	1305	1475	1621	3048	3441	3863	4257	4703	5323	5240	5775	6116	6936	6916	7635	6629	7645	7734	8632	9451
NORMAL (lb/LF)	185	185	185	185	222	222	222	222	296	296	296	296	333	333	333	333	370	370	370	370	370
PARALLEL (lb/LF)	293	293	293	293	788	788	788	788	1240	1240	1071	1071	1640	1640	1438	1438	2032	2032	1796	1796	1796

#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



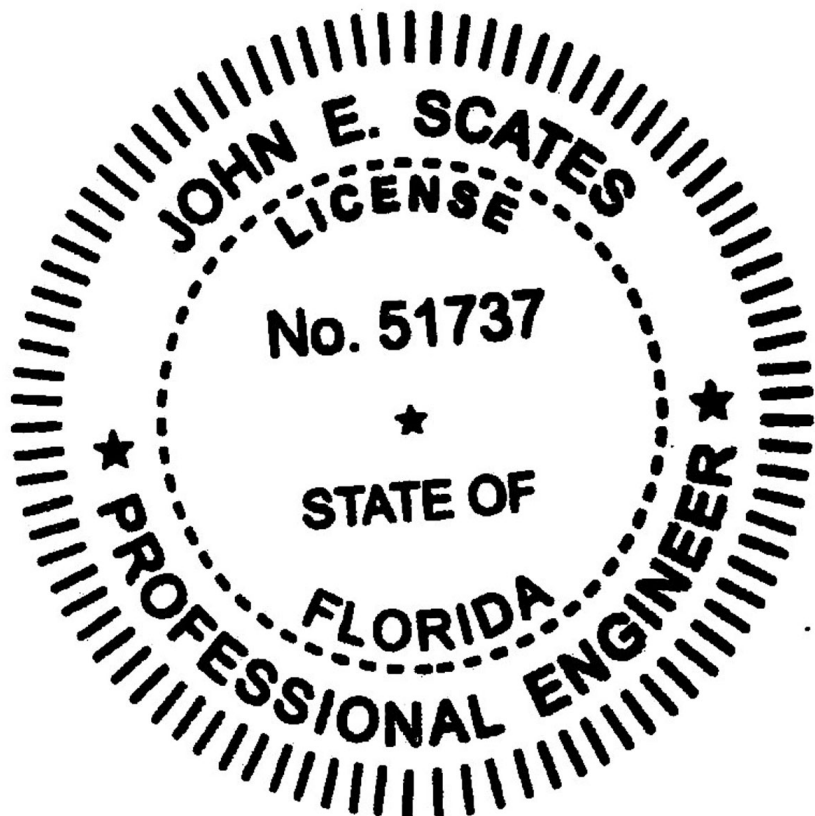
UNLESS OTHERWISE SPECIFIED		APPROVALS DATE		A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES: .X = ± .XX = ± .XXX = ± ANGULAR = ± ° HOLES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/- ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:	DRAWN D. GAMLIEL	9/30/21	
ALL DIMS ARE IN		CHECKED G. FINERAN		
DO NOT SCALE		APPROVED R. OUYANG	10/1/21	
DIMS CIRCLED WITH SYMBOL () ARE CRITICAL TO QUALITY DESIGN. FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.		MATERIAL N/A		
	FINISH N/A			DESCRIPTION MODELS 700/700C ROLLING FIRE DOORS, #14 & #34 SLAT, +/- 37 PSF
		SIZE DWG NO.	REV	
		D 035-0055	-	
		SCALE 1:1	UOM =	SHEET 4 OF 10



NOTES: (UNLESS OTHERWISE SPECIFIED)

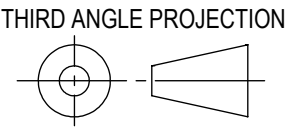
SST GUIDE	M-GUIDE																	
SLAT # 14	37 PSF																	
DOOR OPENING WIDTH	10'				12'				16'				18'				20'	
H	3.25	3.75	4.25	4.75	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	4.88	
F1	3.00	3.00	3.00	3.50	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
X1	3.00	3.00	3.00	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	0.19	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	
K1	2.38	2.38	2.38	2.81	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	3.00	
F2	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	2.50	2.50	
X2	2.50	2.50	2.50	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	0.19	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	
K2	0.88	0.88	0.88	1.25	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.38	
F3	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	4.00	
X3	3.00	3.00	3.00	3.00	3.50	3.50	3.50	4.00	3.50	3.50	3.50	4.00	3.50	3.50	3.50	4.00	4.00	
T3	0.25	0.25	0.38	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.50	
K3	2.13	2.63	3.13	3.25	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	3.13	
E	1.75	2.00	2.13	2.00	2.63	2.63	2.63	3.00	2.63	2.63	2.63	3.00	2.63	2.63	2.63	3.00	3.00	
G	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	
B	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	
D	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	
R	1.75	1.75	1.75	1.63	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	
WALL ANCHOR DIA	1/2	1/2	3/8	1/2	1/2	1/2	1/2	1/2	1/2	3/4	1/2	1/2	3/4	3/4	3/4	1/2	1/2	
WALL ANCHOR EMBED	3 1/2	3 1/2	2 3/8	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	5 5/8	3 1/2	3 1/2	5 5/8	5 5/8	5 5/8	3 1/2	3 1/2	
WALL ANCHOR SPACING	18.00	18.00	18.00	18.00	12.00	12.00	12.00	16.00	8.00	8.00	8.25	11.00	6.00	5.50	6.00	8.00	6.00	
ASSY BOLT DIA	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	
SLIP	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/2	1/2	5/8	5/8	1/2	1/2	5/8	5/8	5/8	
MAX MOMENT (in*lb/LF)	1413	1559	1706	1829	3325	3719	4113	4507	5073	5693	5573	6108	6532	7352	7290	8009	9868	
NORMAL (lb/LF)	185	185	185	185	222	222	222	222	296	296	296	296	333	333	333	333	370	
PARALLEL (lb/LF)	293	293	293	293	788	788	788	788	1240	1240	1071	1071	1640	1640	1438	1438	1796	

#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:	DRAWN	D. GAMLIEL	9/30/21	
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	10/1/21	
DIMS CIRCLED WITH SYMBOL () ARE CRITICAL TO QUALITY DESIGN. FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.		MATERIAL		N/A	DESCRIPTION MODELS 700/700C ROLLING FIRE DOORS, #14 & #34 SLAT, +/- 37 PSF
ALL GEOMETRY GOVERNED BY 3D CAD DATABASE.		FINISH		N/A	
		SIZE		DWG NO.	REV
		D		035-0055	-
		SCALE 1:1		UOM =	SHEET 5 OF 10

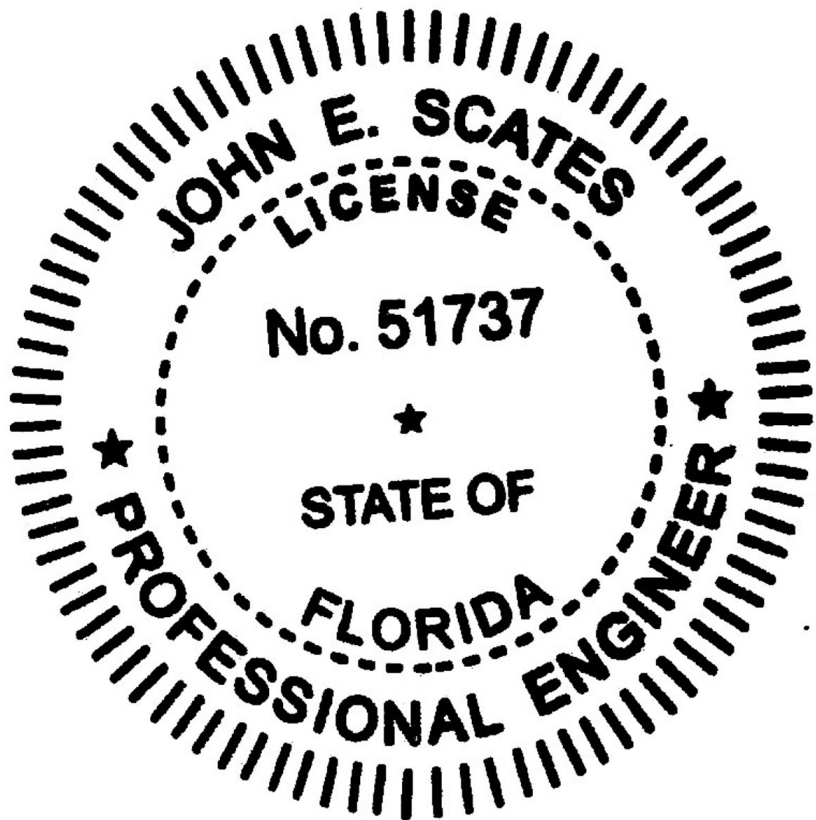


NOTES: (UNLESS OTHERWISE SPECIFIED)

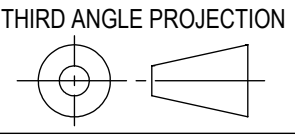
SST GUIDE	S-GUIDE																
SLAT # 14	37 PSF																
DOOR OPENING WIDTH	10'				12'				16'				18'				20'
H	3.25	3.75	4.25	4.75	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	4.88
F1	3.00	3.00	3.00	3.50	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
X1	3.00	3.00	3.00	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	0.19	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
K1	2.38	2.38	2.38	2.81	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	3.00
F2	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	2.50	2.50
X2	2.50	2.50	2.50	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	0.19	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
K2	0.88	0.88	0.88	1.25	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.38
F3	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	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	3.00	3.00	3.00	3.00
T3	0.25	0.25	0.38	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.50
K3	2.13	2.63	3.13	3.25	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	3.13
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
G	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
B	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
D	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
R	1.75	1.75	1.75	1.63	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
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	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	14.00	14.00	14.00	14.00	18.00	18.00	18.00	18.00	18.00
ASSY BOLT DIA	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT
SLIP	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/2	1/2	5/8	5/8	1/2	1/2	5/8	5/8	5/8
MAX MOMENT (in*lb/LF)	1159	1305	1475	1621	3048	3441	3863	4257	4703	5323	5240	5775	6116	6936	6916	7635	9451
NORMAL (lb/LF)	185	185	185	185	222	222	222	222	296	296	296	296	333	333	333	333	370
PARALLEL (lb/LF)	293	293	293	293	788	788	788	788	1240	1240	1071	1071	1640	1640	1438	1438	1796

#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	9/30/21	
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	10/1/21	
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		DESCRIPTION
		FINISH	N/A		MODELS 700/700C ROLLING FIRE DOORS, #14 & #34 SLAT, +/- 37 PSF
					SIZE DWG NO.
					D 035-0055
					SCALE 1:1
					UOM =
					SHEET 6 OF 10

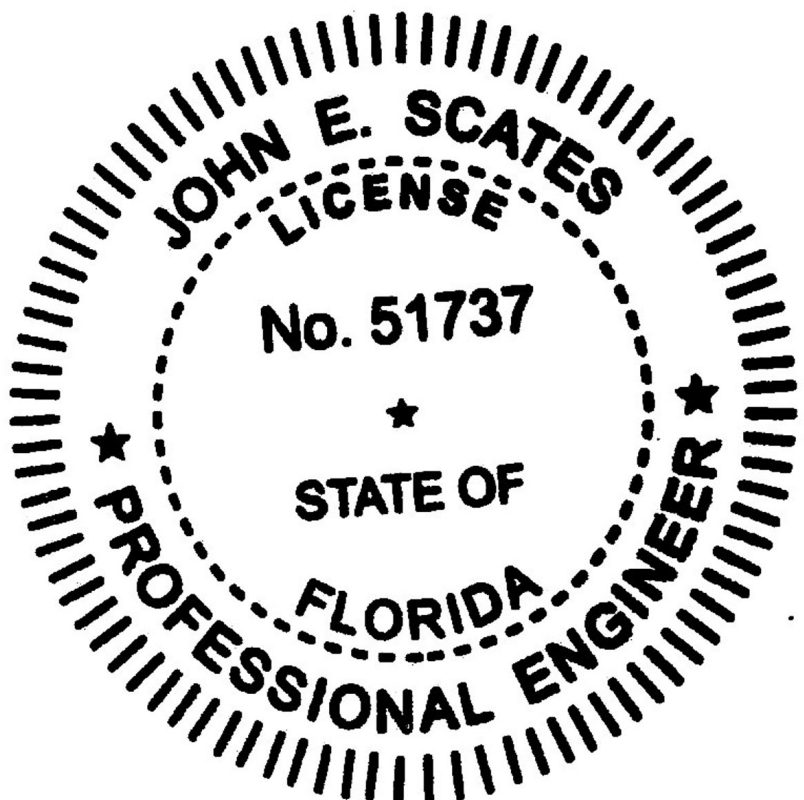


NOTES: (UNLESS OTHERWISE SPECIFIED)

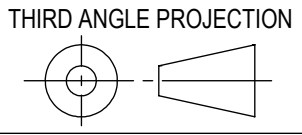
STL GUIDE	M-GUIDE																				
SLAT # 34	37 PSF																				
DOOR OPENING WIDTH	10'				12'				16'				18'				20'				
H	3.25	3.75	4.25	4.75	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	3.13	3.63	4.13	4.63	4.88
F1	3.00	3.00	3.00	3.50	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.50	3.50	3.50	3.50	4.00
X1	3.00	3.00	3.00	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	0.19	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	2.81	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	2.75	2.75	2.75	2.75	3.00
F2	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	2.50	2.00	2.00	2.00	2.00	2.50
X2	2.50	2.50	2.50	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	0.19	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	1.25	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.13	1.13	1.13	1.13	1.38
F3	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	3.00	3.50	4.00	4.00	4.00
X3	3.00	3.00	3.00	3.00	3.50	3.50	3.50	4.00	3.50	3.50	3.50	4.00	3.50	3.50	3.50	4.00	4.00	4.00	4.00	4.00	4.00
T3	0.25	0.25	0.38	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.50
K3	2.13	2.63	3.13	3.25	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	1.63	2.13	2.63	3.13	3.13
E	1.75	2.00	2.13	2.00	2.63	2.63	2.63	3.00	2.63	2.63	2.63	3.00	2.63	2.63	2.63	3.00	3.13	3.13	3.00	3.13	3.00
G	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	1.00
B	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	0.38
D	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	1.00
R	1.75	1.75	1.75	1.63	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
WALL ANCHOR DIA	3/8	3/8	3/8	3/8	1/2	1/2	1/2	3/8	1/2	1/2	1/2	1/2	3/4	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	3 1/2	3 1/2	3 1/2	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	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
WALL ANCHOR SPACING	18.00	16.00	14.00	16.00	12.00	16.00	16.00	12.00	12.00	10.00	14.00	18.00	8.00	7.00	8.00	11.00	8.00	7.25	8.00	8.00	7.25
ASSY BOLT DIA	3/8	3/8	3/8	3/8	1/2	1/2	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
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/2	1/2	5/8	5/8	1/2	1/2	5/8	5/8	1/2	1/2	5/8	5/8	5/8
MAX MOMENT (in*lb/LF)	-798	-844	-844	-879	-1097	-1079	-1033	-1098	3639	4047	3707	4029	5402	6054	5819	6370	6614	7495	7399	8161	8542
NORMAL (lb/LF)	185	185	185	185	222	222	222	222	296	296	296	296	333	333	333	333	370	370	370	370	370
PARALLEL (lb/LF)	0	0	0	0	37	37	37	37	815	815	644	644	1304	1304	1102	1102	1761	1761	1524	1524	1524

#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
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES:	DRAWN D. GAMLIEL	9/30/21	
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	10/1/21	
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	FINISH N/A	
		DESCRIPTION		
		MODELS 700/700C ROLLING FIRE DOORS, #14 & #34 SLAT, +/- 37 PSF		
		SIZE DWG NO.		REV
		D 035-0055		-
		SCALE 1:1		SHEET 7 OF 10

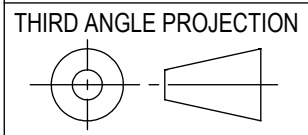
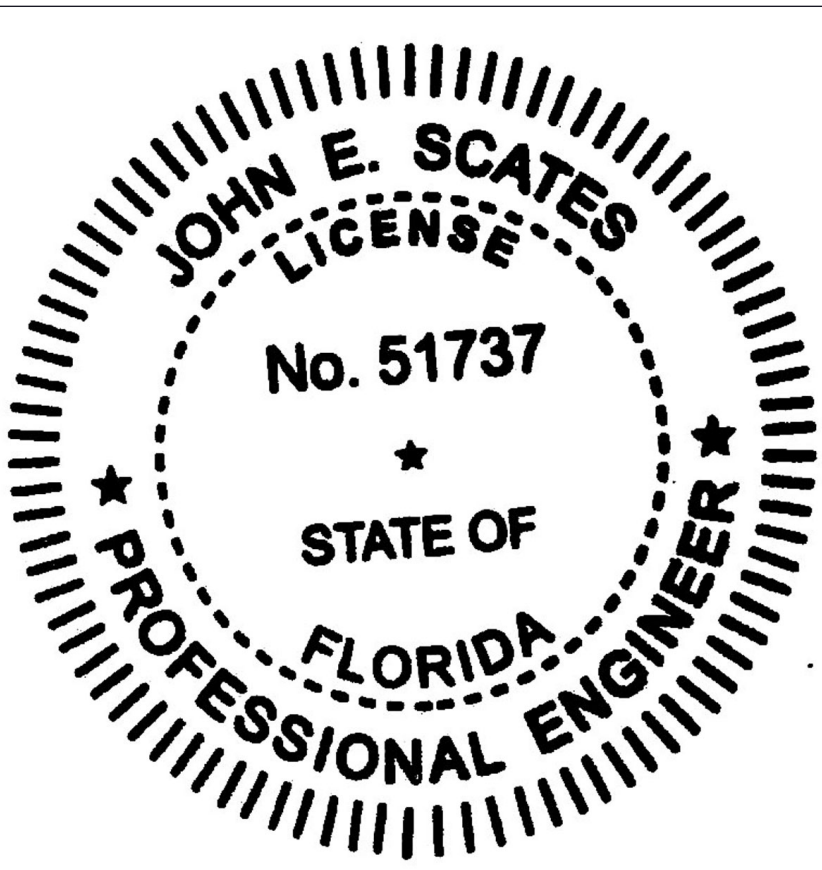


NOTES: (UNLESS OTHERWISE SPECIFIED)

STL GUIDE	S-GUIDE																				
SLAT # 34	37 PSF																				
DOOR OPENING WIDTH	10'				12'				16'				18'				20'				
H	3.25	3.75	4.25	4.75	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	3.13	3.63	4.13	4.63	4.88
F1	3.00	3.00	3.00	3.50	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.50	3.50	3.50	3.50	4.00
X1	3.00	3.00	3.00	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	0.19	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	2.81	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	2.75	2.75	2.75	2.75	3.00
F2	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	2.50	2.00	2.00	2.00	2.00	2.50
X2	2.50	2.50	2.50	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	0.19	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	1.25	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.13	1.13	1.13	1.13	1.38
F3	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	3.00	3.50	4.00	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	3.00	3.00	3.00	4.00	4.00	4.00	4.00	3.00
T3	0.25	0.25	0.38	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.50
K3	2.13	2.63	3.13	3.25	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	1.63	2.13	2.63	3.13	3.13
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	2.63	2.63	2.63	2.63	1.63
G	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	1.00
B	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	0.38
D	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	1.00
R	1.75	1.75	1.75	1.63	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
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	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	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	18.00
ASSY BOLT DIA	3/8	3/8	3/8	3/8	1/2	1/2	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
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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/2	1/2	5/8	5/8	1/2	1/2	5/8	5/8	1/2	1/2	5/8	5/8	5/8
MAX MOMENT (in*lb/LF)	-520	-520	-520	-601	-598	-579	577	595	3269	3677	3374	3696	4985	5637	5444	5995	5782	6662	6612	7375	8126
NORMAL (lb/LF)	185	185	185	185	222	222	222	222	296	296	296	296	333	333	333	333	370	370	370	370	370
PARALLEL (lb/LF)	0	0	0	0	37	37	37	37	815	815	644	644	1304	1304	1102	1102	1761	1761	1524	1524	1524

#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

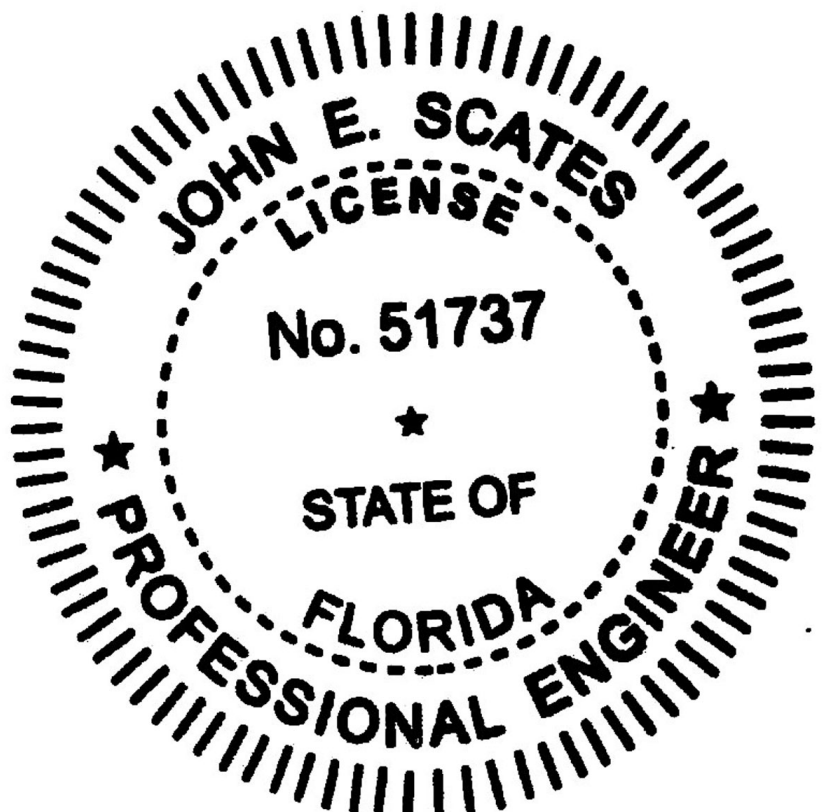


UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE	 A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES:	DRAWN	D. GAMLIEL	9/30/21	
ALL DIMS ARE IN	.X = ± .XX = ± .XXX = ± ANGULAR = ± °	CHECKED	G. FINERAN		
DO NOT SCALE	HOLES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/-	APPROVED	R. OUYANG	10/1/21	
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		DESCRIPTION
		FINISH	N/A		MODELS 700/700C ROLLING FIRE DOORS, #14 & #34 SLAT, +/- 37 PSF
					SIZE DWG NO.
					D 035-0055
					SCALE 1:1
					UOM =
					SHEET 8 OF 10

NOTES: (UNLESS OTHERWISE SPECIFIED)

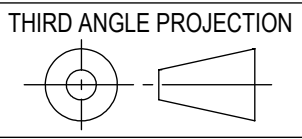
SST GUIDE	M-GUIDE																
SLAT # 34	37 PSF																
DOOR OPENING WIDTH	10'				12'				16'				18'				20'
H	3.25	3.75	4.25	4.75	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	4.875
F1	3.00	3.00	3.00	3.50	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
X1	3.00	3.00	3.00	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	0.19	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
K1	2.38	2.38	2.38	2.81	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	3.00
F2	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	2.50	2.50
X2	2.50	2.50	2.50	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	0.19	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
K2	0.88	0.88	0.88	1.25	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.38
F3	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	4.00
X3	3.00	3.00	3.00	3.00	3.50	3.50	3.50	4.00	3.50	3.50	3.50	4.00	3.50	3.50	3.50	4.00	4.00
T3	0.25	0.25	0.38	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.50
K3	2.13	2.63	3.13	3.25	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	3.13
E	1.75	2.00	2.13	2.00	2.63	2.63	2.63	3.00	2.63	2.63	2.63	3.00	2.63	2.63	2.63	3.00	3.00
G	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
B	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
D	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
R	1.75	1.75	1.75	1.63	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
WALL ANCHOR DIA	3/8	3/8	3/8	3/8	1/2	1/2	1/2	3/8	1/2	1/2	1/2	1/2	3/4	3/4	1/2	1/2	1/2
WALL ANCHOR EMBED	2 3/8	2 3/8	2 3/8	2 3/8	3 1/2	3 1/2	3 1/2	2 3/8	3 1/2	3 1/2	3 1/2	3 1/2	5 5/8	5 5/8	3 1/2	3 1/2	3 1/2
WALL ANCHOR SPACING	18.00	16.00	14.00	16.00	12.00	16.00	16.00	12.00	12.00	12.00	14.00	18.00	8.00	7.25	8.00	11.00	7.25
ASSY BOLT DIA	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT
SLIP	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/2	1/2	5/8	5/8	1/2	1/2	5/8	5/8	5/8
MAX MOMENT (in*lb/LF)	-798	-844	-844	-879	-1097	-1079	-1033	-1098	3639	4047	3707	4029	5402	6054	5819	6370	8542
NORMAL (lb/LF)	185	185	185	185	222	222	222	222	296	296	296	296	333	333	333	333	370
PARALLEL (lb/LF)	0	0	0	0	37	37	37	37	815	815	644	644	1304	1304	1102	1102	1524

#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

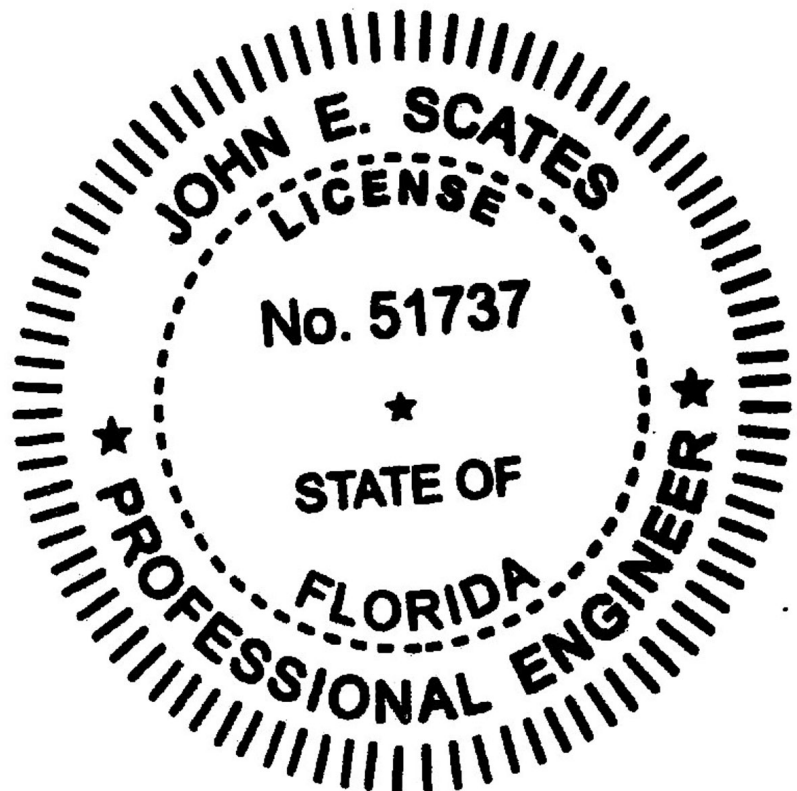
UNLESS OTHERWISE SPECIFIED		APPROVALS DATE		 A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES:	DRAWN D. GAMLIEL	9/30/21	
ALL DIMS ARE IN	.X = ± .XX = ± .XXX = ± ANGULAR = ± °	CHECKED G. FINERAN		
DO NOT SCALE	HILES: < Ø.251 = +/- Ø.251-Ø.500 = +/- > Ø.500 = +/-	APPROVED R. OUYANG	10/1/21	
DIMS CIRCLED WITH SYMBOL () ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.		MATERIAL N/A		DESCRIPTION MODELS 700/700C ROLLING FIRE DOORS, #14 & #34 SLAT, +/- 37 PSF
		FINISH N/A		SIZE DWG NO. D 035-0055
		ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:		REV -
				SCALE 1:1 UOM = SHEET 9 OF 10



NOTES: (UNLESS OTHERWISE SPECIFIED)

SST GUIDE	S-GUIDE																
SLAT # 34	37 PSF																
DOOR OPENING WIDTH	10'				12'				16'				18'				20'
H	3.25	3.75	4.25	4.75	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	3.38	3.88	4.38	4.88	4.875
F1	3.00	3.00	3.00	3.50	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
X1	3.00	3.00	3.00	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	0.19	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
K1	2.38	2.38	2.38	2.81	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	2.88	2.88	3.00	3.00	3.00
F2	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	2.50	2.50
X2	2.50	2.50	2.50	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	0.19	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
K2	0.88	0.88	0.88	1.25	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.25	1.25	1.38	1.38	1.38
F3	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	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	3.00	3.00	3.00	3.00
T3	0.25	0.25	0.38	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.38	0.38	0.50	0.50	0.50
K3	2.13	2.63	3.13	3.25	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	1.75	2.25	2.63	3.13	3.13
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
G	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
B	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
D	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
R	1.75	1.75	1.75	1.63	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
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	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	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT	ALT
SLIP	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/2	1/2	5/8	5/8	1/2	1/2	5/8	5/8	5/8
MAX MOMENT (in*lb/LF)	-520	-520	-520	-601	-598	-579	577	595	3269	3677	3374	3696	4985	5637	5444	5995	8126
NORMAL (lb/LF)	185	185	185	185	222	222	222	222	296	296	296	296	333	333	333	333	370
PARALLEL (lb/LF)	0	0	0	0	37	37	37	37	815	815	644	644	1304	1304	1102	1102	1524

#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		A DIVISION OF OVERHEAD DOOR CORP LEWISVILLE, TEXAS
INTERPRET DIMS & TOLS PER ASME Y14.5M	TOLERANCES:	DRAWN D. GAMLIEL	9/30/21	
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	10/1/21	
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 700/700C ROLLING FIRE DOORS, #14 & #34 SLAT, +/- 37 PSF
		ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:		SIZE DWG NO.
				D 035-0055
				REV -
				SCALE 1:1 UOM = SHEET 10 OF 10

