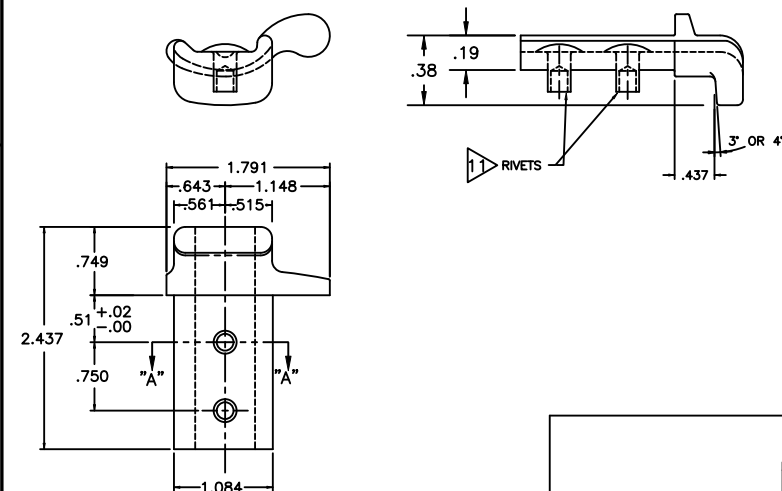
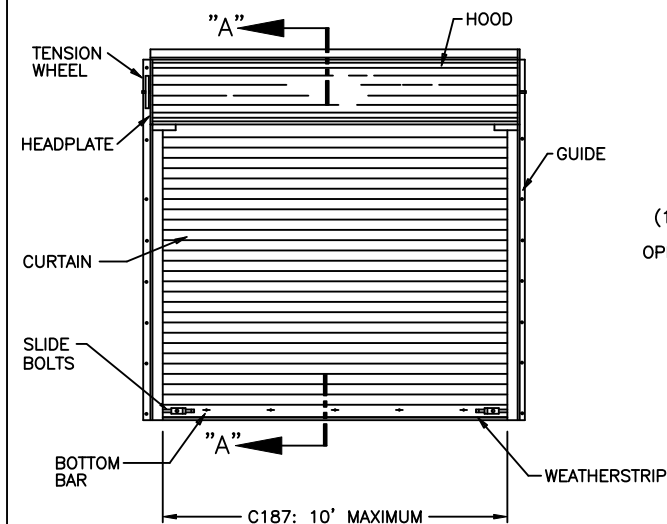
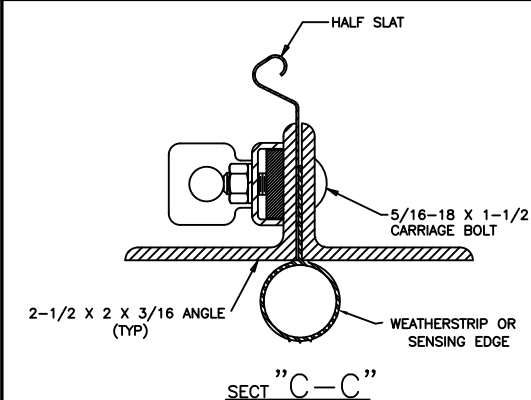


1. (-W/L) = NEGATIVE WINDLOAD
(+W/L) = POSITIVE WINDLOAD
2. WALL ANGLES MAY BE WELDED TO STEEL JAMB.
SEE SHEET 2 FOR DOOR WELD DETAIL
3. RATED DESIGN LOAD ± 65 PSF. LARGE MISSILE IMPACT TESTED
AT 50 FT/SECOND IMPACT SPEED.
4. CURTAIN MATERIAL: ASTM A-653, CS TYPE B.
GUIDE MATERIAL: ASTM A-36
5. ALTERNATE CURTAIN MATERIAL: AISI-304 SS.
MINIMUM YIELD 40,000 PSI.
6. CURTAIN MATERIAL SHALL BE GALVANIZED ACCORDING
TO ASTM A-525 TO G40 MINIMUM.
7. THE DOOR MUST BE INSTALLED WITH THE TENSION WHEEL
FACING THE INSIDE OF THE BUILDING.
8. SLIDE BOLTS MUST BE ENGAGED AND CHAIN MUST BE
HOOKED WHEN HURRICANE WINDS ARE ANNOUNCED.
9. WINDLOCK MATERIAL: LOW CARBON CAST STEEL, GRADE 70-46
(485-250) PER ASTM A27. MIN TENSILE 70-KSI MIN YIELD
36-KSI. MIN ELONG 22%.
10. WINDLOCKS ATTACHED TO EACH SLAT (CONTINUOUS).
11. RIVET SPECIFICATIONS:
1/4" DIAMETER RIVET, MINIMUM 1006 LOW-CARBON STEEL.
12. COMPLIES WITH IBC/IRC 2018.

PER FT DOOR HEIGHT	(E-MOUNT) LOADS			(Z-MOUNT) LOADS *		
	22 GA **	20 GA	18 GA	22 GA **	20 GA	18 GA
REACTION (LBS)	3789	3551	3120	1112	1057	957
NORMAL (LBS)	325	325	325	325	325	325
PARALLEL (LBS)	954	896	791	954	896	791
MOMENT (INLBS)	3695	3516	3193	3613	3435	3112

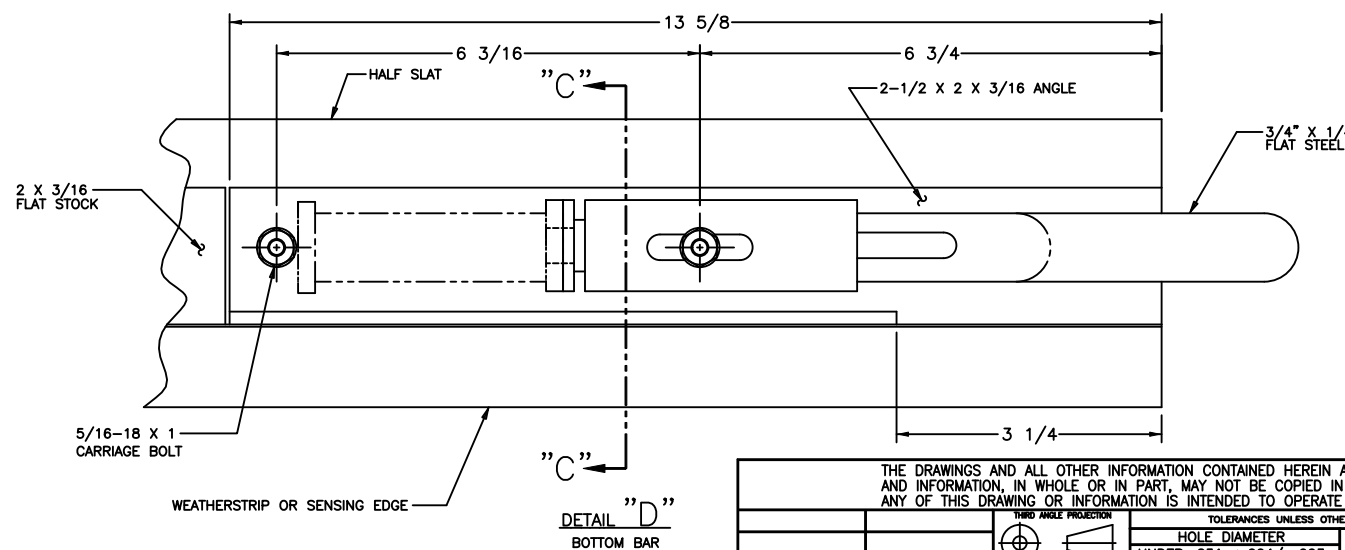
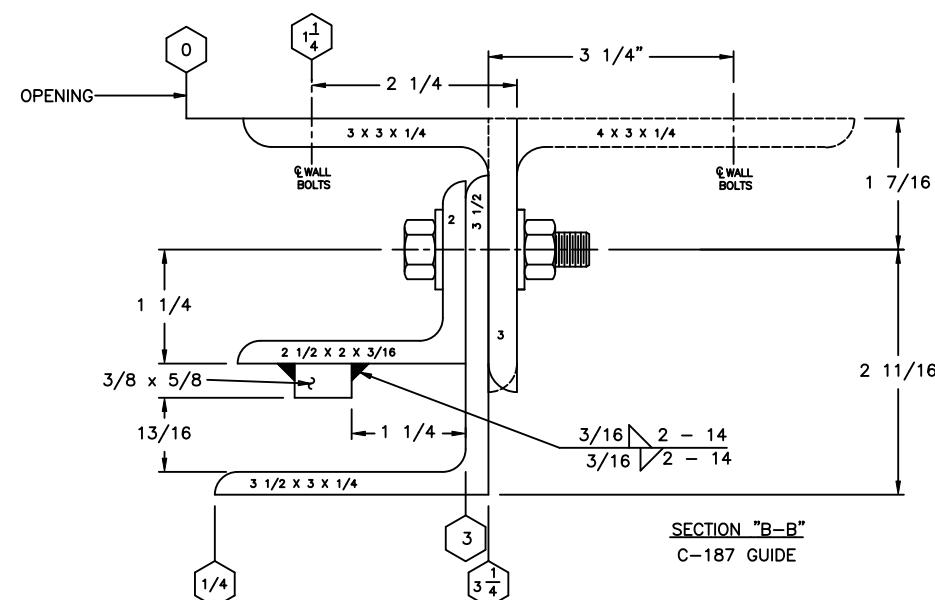


CONTINUOUS WINDLOCK DETAIL



(10' SHOWN)
30' MAX.
OPENING HEIGHT

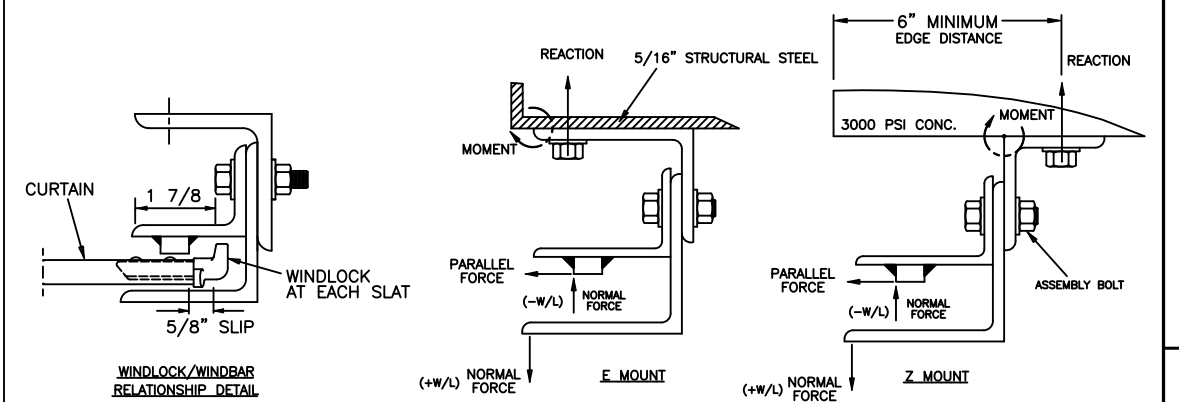
SECTION "A-A" SEE DETAIL 9
FOR BOTTOM BAR



DETAIL "D"
BOTTOM BAR

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		THIRD ANGLE PROJECTION 	TOLERANCES UNLESS OTHERWISE SPECIFIED HOLE DIAMETER UNDER .251 +.004/- .003 .251 TO .500 +.006/- .003 OVER .500 +.008/- .003 FRACTIONS ± 1/16		WHOLE NUMBERS: .X ± .1 .XX ± .03 .XXX ± .010 ANGLES: ± .5°	FINISH 	The Genuine, The Original.  LEWISVILLE, TEXAS	NAME K. WILSON	DATE 8/8/03	DRAWING TITLE: SERIES 610, ROLLING SERVICE DOOR 10' DADE COUNTY			
ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.			RFF DWG		UNIT OF MEASURE N/A		MATERIAL: 	CHECKED BY: L KRUPKE	9/5/03	DRAWING NUMBER D- 308123			
			USED ON					APPROVED BY: JD FAW	9/5/03	SCALE: NONE SHEET 1 OF 2			

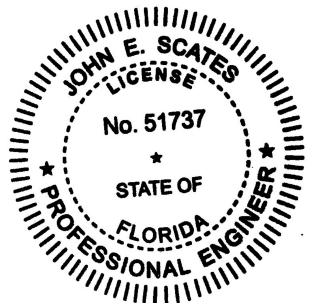
REVISIONS					
ER	REV	DESCRIPTION		DATE	APPROVAL
502140	H	REV	PER ER	5/3/13	MS
502686	J	REV	PER ER	3/6/14	MS
32787	K	REV	PER PCR	5/31/22	DG



	ASSEMBLY BOLT	WALL BOLT STEEL JAMB	WALL BOLT * CONCRETE JAMB
C-187	3/8" GRADE 5, 11" O.C.	3/8" GRADE 5, 11" O.C.	1/2", 4" EFF. EMBED HILTI KBT22 OR EQUIVALENT 11" O.C.

* 3000 PSI MINIMUM & 6" MINIMUM EDGE DISTANCE FOR ANCHORS
MINIMUM 6" CONCRETE THICKNESS

2 NOTE: FOR DETAILS ON WELDING GUIDES TO STEEL JAMBS SEE SHEET 2.



Digitally signed by John E Scates
Date: 2024.02.27 07:43:01 -06'00'

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

JOHN E. SCATES, PE
2560 KING ARTHUR BLVD, STE 124-54
LEWISVILLE, TX 75056
FL PE 51737 / TX PE 56308/F-2203

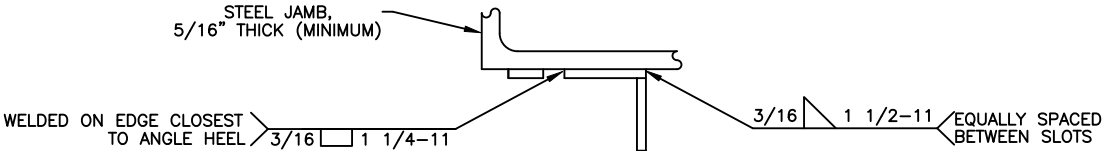
SERIES 611 IS EQUIVALENT CONSTRUCTION

C-187 SLAT
GAUGE OPTIONS: 22**, 20, 18
**TESTED IN ACCORDANCE WITH DADE COUNTY
PROTOCOLS TAS 201-94, TAS 202-94, AND TAS 203-94

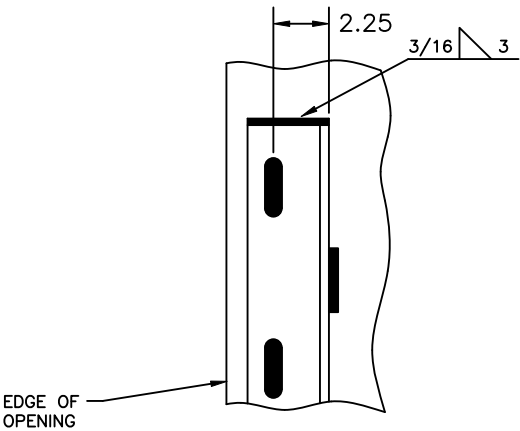
Technical drawing of a 22 GA sheet metal part. The drawing shows a vertical profile with a wavy, corrugated section. Dimensions are indicated: a vertical dimension of $1 \frac{7}{8}"$ and a horizontal dimension of $\frac{17}{32}"$. The material is labeled "22 GA".

NOTES

1. REFER TO DRAWING 308666.0001 FOR TAG DETAILS
2. FASTENER FOR TAG IS P/N 080276-1004(STEEL DRIVE SCREW).
TAG WILL BE MOUNTED IN THE MIDDLE OF THE BOTTOM BAR.

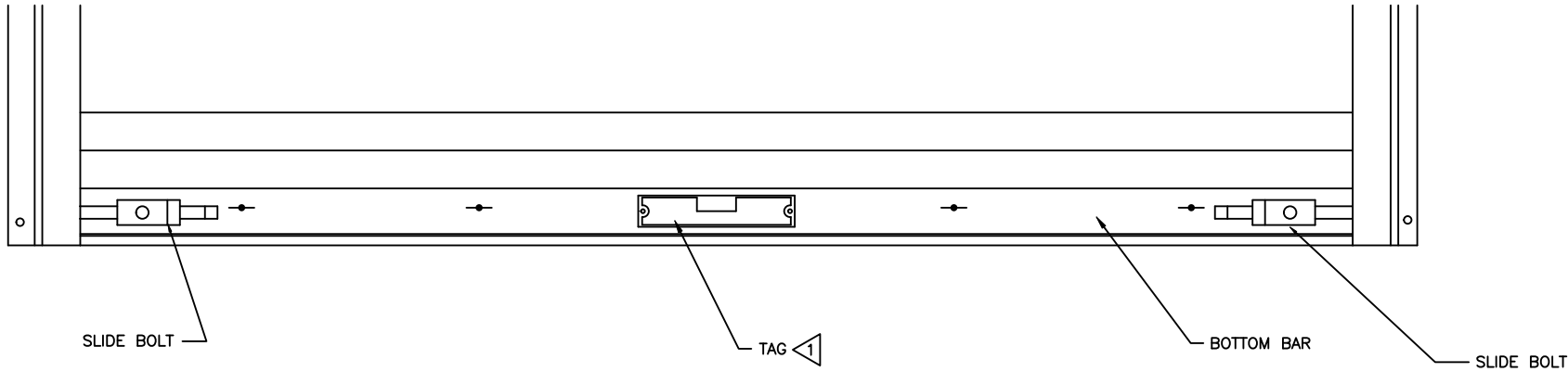


TOP VIEW



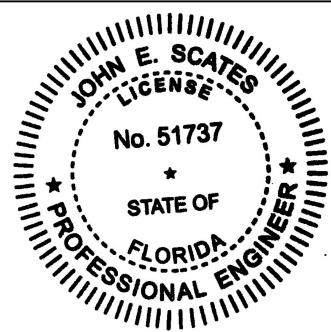
FRONT VIEW
OF WALL ANGLE

DETAILS FOR WELDING "E" GUIDES TO STEEL JAMBS



DETAIL "E" 2

SCALE: 4/1



JOHN E. SCATES, PE
2560 KING ARTHUR BLVD, STE 124-54
LEWISVILLE, TX 75056
FL PE 51737 / TX PE 56308/F-2203

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