

4

3

'CLASSIC' RAISED PANEL EMBOSS DOORS								
MODELS	24 GA	24 GA INS	25 GA	25 GA INS	24 GA	24 GA INS	25 GA	25 GA INS
CLOPAY	84A, 94, 4F*	94V	73, 75	1500, 190	--	--	75L, 76	76V
IDEAL	--	--	--	--	--	--	--	--
HOLMES	48B	--	42B	55S	--	--	--	--
	SHORT PANEL				LONG PANEL			
	* - MODEL 4F IS FLUSH							

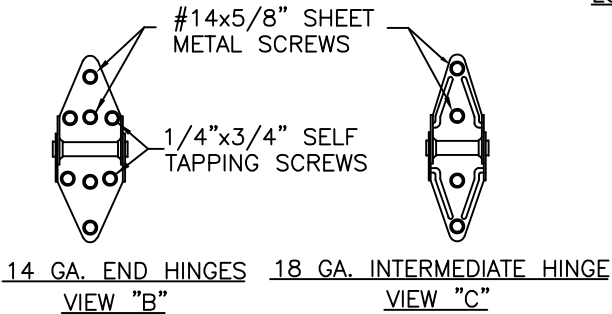
'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS				
MODELS	25 GA	25 GA INS	25 GA	25 GA INS
CLOPAY 'GALLERY'	GD5S, GR5S	GD5SV, GR5SV	GD5L, GR5L	GD5LV, GR5LV
HOLMES 'ARTISTRY'	AR5S	AR5SV	AR5L	AR5LV
IDEAL 'CARRIAGE HOUSE'	ED5S	ED5SV	ED5L	ED5LV
SHORT PANEL		LONG PANEL		

'CLASSIC' RAISED PANEL EMBOSS DOORS						
SHORT PANEL			LONG PANEL			
DOOR WIDTH	# OF INTERM. STILES	# OF INTERM. HINGES	DOOR WIDTH	# OF STD INTERM. STILES	# OF COMM. INTERM. STILES	# OF INTERM. HINGES
9'2" TO 9'10"	1	1	9'2" TO 11'2"	1	0	1
10'0" TO 11'10"	2	2	11'4" TO 14'10"	2	1	2
12'0" TO 13'10"	3	2	15'0" TO 16'2"	3	2	3
14'0" TO 15'10"	4	4	SEE NOTE BELOW REGARDING EXTRA STILES ON LONG PANEL DOORS.			
16'0" TO 16'2"	5	3				

DOOR HEIGHT	# OF SECTIONS	# OF U-BARS
UP TO 7'0"	4	8
7'3" TO 8'9"	5	10
9'0" TO 10'6"	6	12
10'9" TO 12'3"	7	14
12'6" TO 14'0"	8	16
14'3" TO 15'9"	9	18
16'0"	10	20
MAX SECTION HEIGHT: 21'		

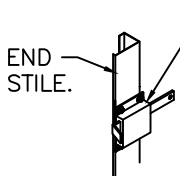
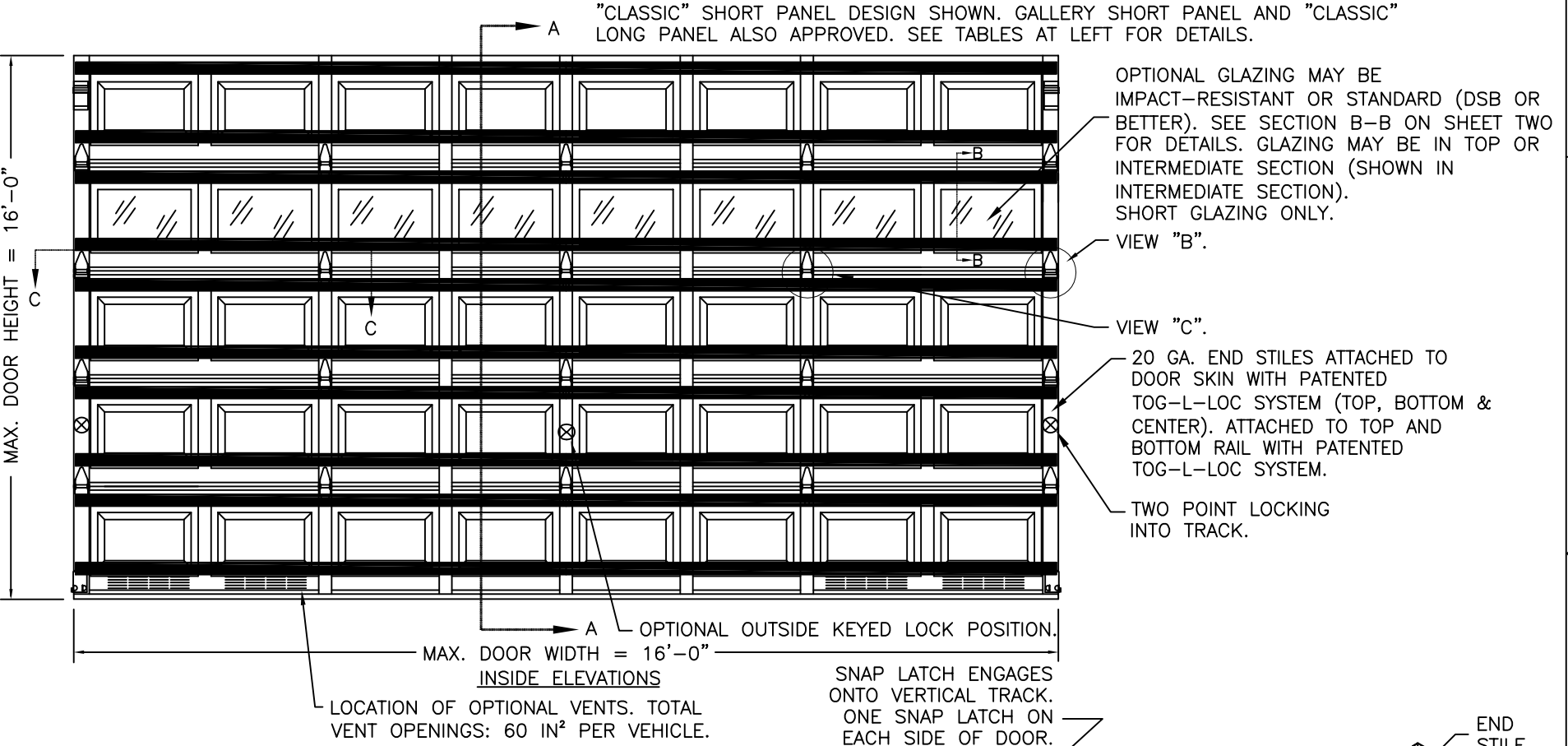
'CARRIAGE HOUSE' RAISED PANEL SHORT EMBOSS DOORS		
DOOR WIDTH	# OF INTERM. STILES	# OF INTERM. HINGES
9'2" TO 10'0"	1	1
10'2" TO 11'4"	N/A	N/A
11'6" TO 13'10"	3	2
14'0" TO 16'0"	5	3

EXTRA STILES FOR LONG-PANEL MODELS.
ADDITIONAL 18 GA. COMMERCIAL INTERM. STILES REQUIRED AS NOTED ON THE TABLES ABOVE.
THESE COMMERCIAL CENTER STILES ARE ATTACHED MIDPOINT BETWEEN THE EXISTING RESIDENTIAL CENTER STILES. COMMERCIAL CENTER STILES ARE ATTACHED WITH TOG-L-LOC (TOP & BOTTOM) OR (4) 3/16" POP RIVETS OR (4) #8 SHEET METAL SCREWS.

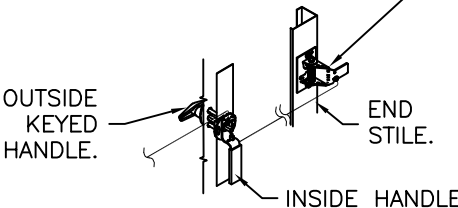


SHEET:
1 OF 4

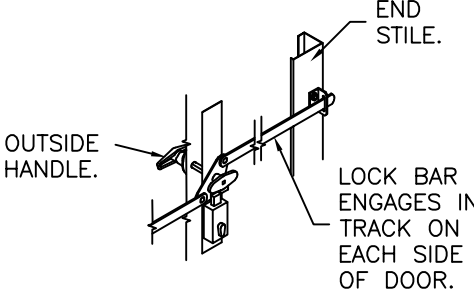
REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
15	-	9/2016	-	SH	UPDATED U-BAR DESCRIPTION.
16	-	11/16/20	-	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART.
17	-	2/23/24	-	JDW	ADDED M/N 96 AND 96V.
18	-	8/11/26	-	JDW	UPDATED MODEL TABLE.



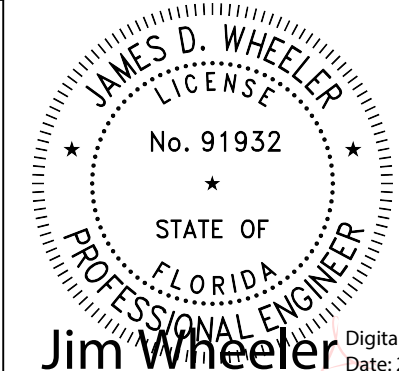
INSIDE SLIDE BOLT LOCK OPTION.



OUTSIDE KEYED LOCK WITH SNAP LATCH LOCK OPTION.



OUTSIDE KEYED LOCK WITH LOCK BAR LOCKING.



DESIGN ENGINEER:
JAMES D. WHEELER, P.E.
FLORIDA LICENSE No. 91932

Digitally signed by Jim Wheeler
Date: 2026.08.20 13:14:27 -04'00'

DESIGN LOADS: +32.0 P.S.F. & -32.0 P.S.F.
TEST LOADS: +48.0 P.S.F. & -48.0 P.S.F.

Unless Stated Otherwise TOLERANCES are
.0 = ±.031
.00 = ±.015
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Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

Clopay CORPORATION
8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

DESCRIPTION: CLASSIC AND CH RP STEEL PAN DC +32/-32 PSF			
DRAWN BY: MWW	DATE: 1/26/96	SCALE: NTS	DWG. SIZE B
CHECKED BY: --	DATE: --	SHEET 1 OF 4	
DWG. NO.: 101922	VER: IBC		

MANUFACTURING PRODUCT CODE PAN-2F151
PART NO.: N/A

WINDLOAD RATING
W5 DP32

4					3			
'CLASSIC' RAISED PANEL EMBOSS DOORS								
MODELS	24 GA	24 GA INS	25 GA	25 GA INS	24 GA	24 GA INS	25 GA	25 GA INS
CLOPAY	84A, 94, 4F*	94V	73, 75	1500, 190	--	--	75L, 76	76V
IDEAL	--	--	--	--	--	--	--	--
HOLMES	48B	--	42B	55S	--	--	--	--
	SHORT PANEL				LONG PANEL			
	* - MODEL 4F IS FLUSH							

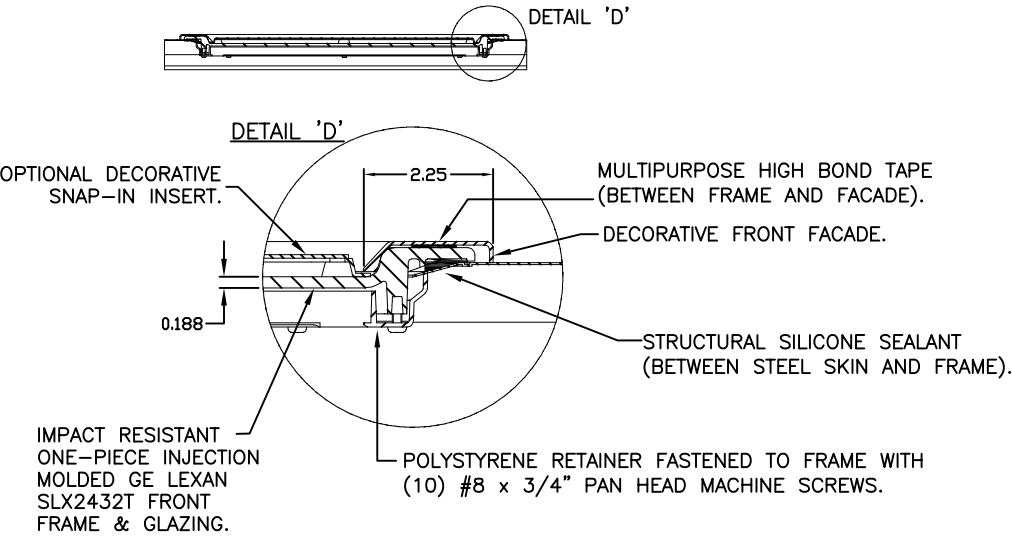
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MODELS	25 GA	25 GA INS	25 GA	25 GA INS
CLOPAY 'GALLERY'	GD5S, GR5S	GD5SV, GR5SV	GD5L, GR5L	GD5LV, GR5LV
HOLMES 'ARTISTRY'	AR5S	AR5SV	AR5L	AR5LV
IDEAL 'CARRIAGE HOUSE'	ED5S	ED5SV	ED5L	ED5LV
SHORT PANEL		LONG PANEL		

SHEET:
2 OF 4

REVISIONS						DESCRIPTION
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:		
18	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.	

IMPACT-RESISTANT CONSTRUCTION:
SOLID DOORS (NO GLAZING) OR DOORS WITH OPTIONAL IMPACT-RESISTANT GLAZING ARE IMPACT-RESISTANT. OPTIONAL INJECTION-MOLDED POLYCARBONATE FRONT FRAME AND GLAZING IS GE LEXAN SLX2432T, AN APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606. THE ENITRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE AND INTERNATIONAL BUILDING CODE AND MEETS THE IMPACT-RESISTANT REQUIREMENTS (REF. CHAPTER 16 FBC/IBC).

SECTION B-B (IMPACT-RESISTANT GLAZING OPTION)



IMPACT-RESISTANT ASSEMBLY DETAILS
DRAWING 101922-A

DESIGN ENGINEER:
JAMES D. WHEELER, P.E.
FLORIDA LICENSE No. 91932

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DESCRIPTION: CLASSIC AND CH RP STEEL PAN DC +32/-32 PSF			
DRAWN BY: MWW	DATE: 1/26/96	SCALE: NTS	DWG. SIZE B
CHECKED BY: --	DATE: --	SHEET 2 OF 4	
DWG. NO.: 101922		VER: IBC	

FLORIDA PRODUCT APPROVAL 48397.16

4

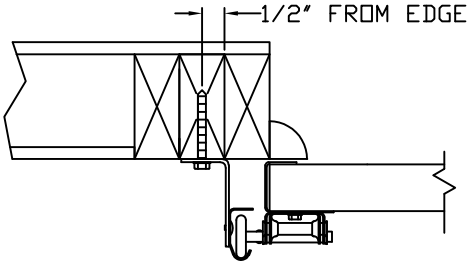
3

'CLASSIC' RAISED PANEL EMBOSS DOORS								
MODELS	24 GA	24 GA INS	25 GA	25 GA INS	24 GA	24 GA INS	25 GA	25 GA INS
CLOPAY	84A, 94, 4F*	94V	73, 75	1500, 190	--	--	75L, 76	76V
IDEAL	--	--	--	--	--	--	--	--
HOLMES	48B	--	42B	55S	--	--	--	--
	SHORT PANEL				LONG PANEL			
	* - MODEL 4F IS FLUSH							

'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS				
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CLOPAY 'GALLERY'	GD5S, GR5S	GD5SV, GR5SV	GD5L, GR5L	GD5LV, GR5LV
HOLMES 'ARTISTRY'	AR5S	AR5SV	AR5L	AR5LV
IDEAL 'CARRIAGE HOUSE'	ED5S	ED5SV	ED5L	ED5LV
SHORT PANEL		LONG PANEL		

IN THE CASE OF GYPSUM WALLBOARD LOCATED AT OR NEAR THE DOOR OPENING LOCATION THERE ARE TWO ACCEPTABLE ALTERNATIVES:

- 1) THE WALLBOARD CAN BE CUT AWAY FROM THE DOOR OPENING AND 2X6 SOUTHERN YELLOW PINE WOOD JAMBS MOUNTED DIRECTLY TO THE SUPPORTING STRUCTURE TO CREATE THE MOUNTING SURFACE. ALTERNATIVELY, THE BRACKETS MAY BE ATTACHED DIRECTLY TO THE SUPPORTING STRUCTURE. SEE DETAIL BELOW. THE CENTER OF SCREW HOLE MUST BE AT LEAST 1/2" FROM BOTH EDGES FOR A 5/16" LAG SCREW.
- 2) IF THE WALLBOARD IS NOT CUT AWAY TO EXPOSE THE UNDERLYING STRUCTURE (WOOD FRAMING MEMBERS), A 2X6 SOUTHERN YELLOW PINE WOOD BUCK OVER SHALL BE INSTALLED THE WALLBOARD FRAMING THE OPENING USING THE JAMB ATTACHMENT FASTENERS LISTED BELOW. HOWEVER, THE JAMB ATTACHMENT FASTENERS MUST BE OF A SUFFICIENT INCREASED LENGTH TO ACCOUNT FOR THE THICKNESS OF THE WALLBOARD TO ENSURE PROPER FASTENER EMBEDMENT INTO THE STRUCTURAL FRAMING MEMBERS OF THE SUPPORTING STRUCTURE.



VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
3/8"x3" LAG SCREWS (1-1/2" EMBED) ON 24" CENTERS. 1-1/8" MIN. O.D. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

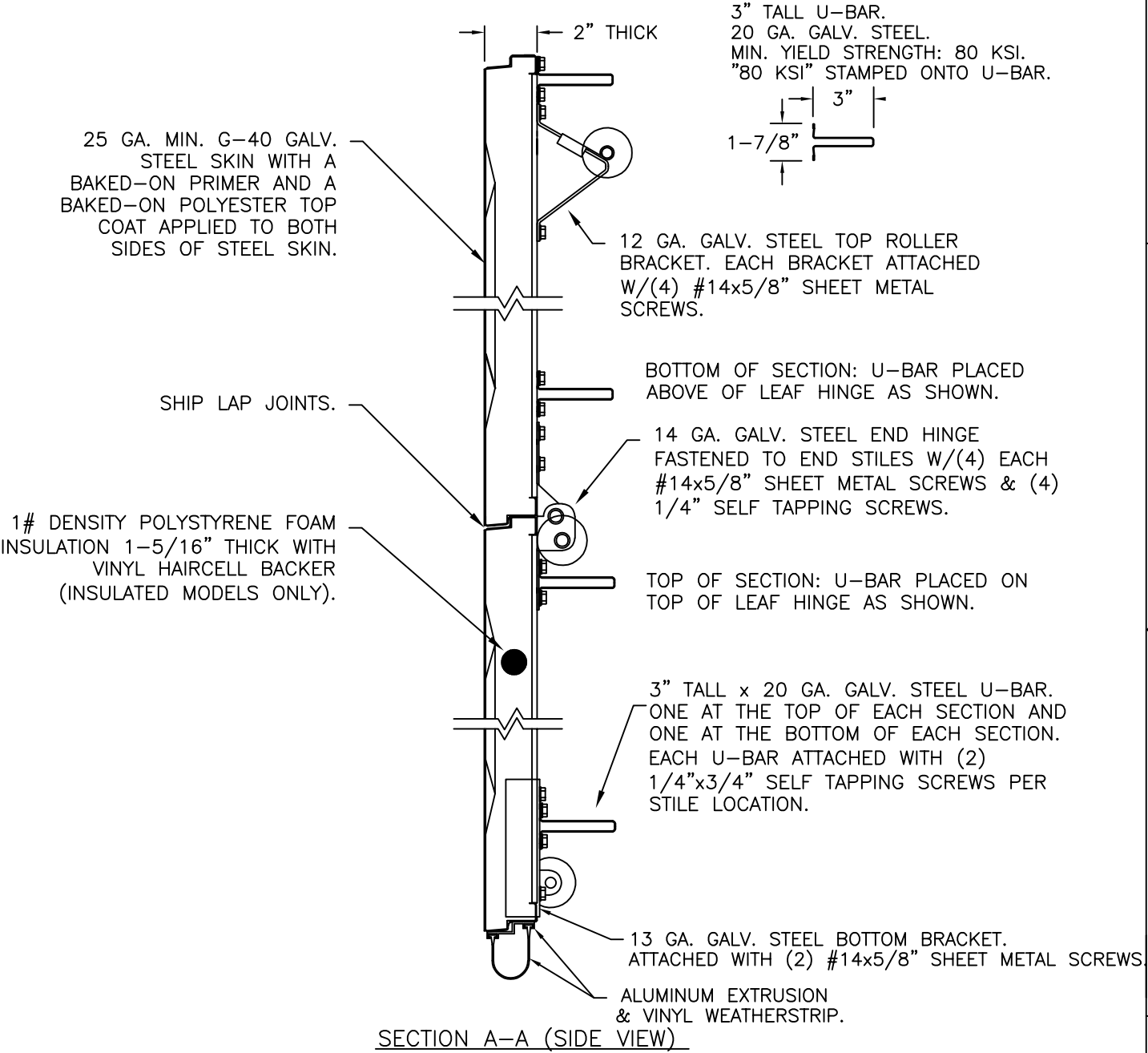
VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x3" SLEEVE ANCHOR BOLTS (1-1/2" EMBED) ON 17" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.
OR
1/4"x3" TAPCON SCREWS (1-1/2" EMBED) ON 14" CENTERS (2,000 PSI MIN. CONCRETE) OR 8" CENTERS (C-90 BLOCK). 1" MIN. O.D. WASHERS REQUIRED WITH TAPCONS.
ANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

OTHER JAMB CONFIGURATIONS: REFER TO DASMA TDS-161. A LICENSED DESIGN PROFESSIONAL MAY ALSO BE EMPLOYED TO APPROVE ALTERNATE FASTENERS AND/OR JAMB CONFIGURATIONS.

NOTE: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THE DRAWING.

DESIGN ENGINEER:
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SHEET: 3 OF 4	REVISIONS					
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	18	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.



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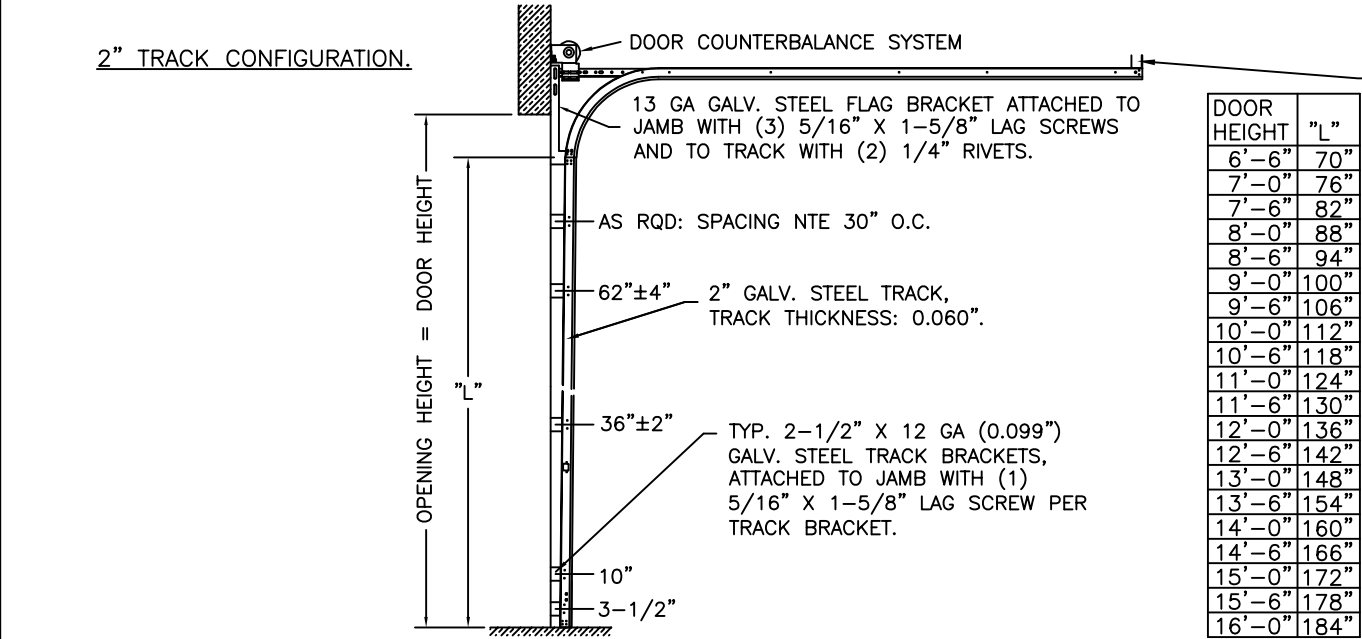
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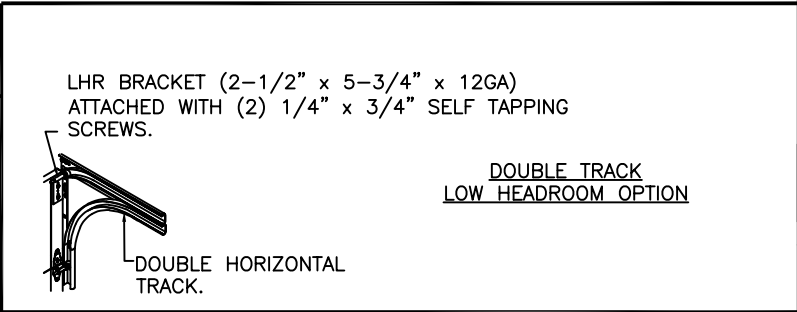
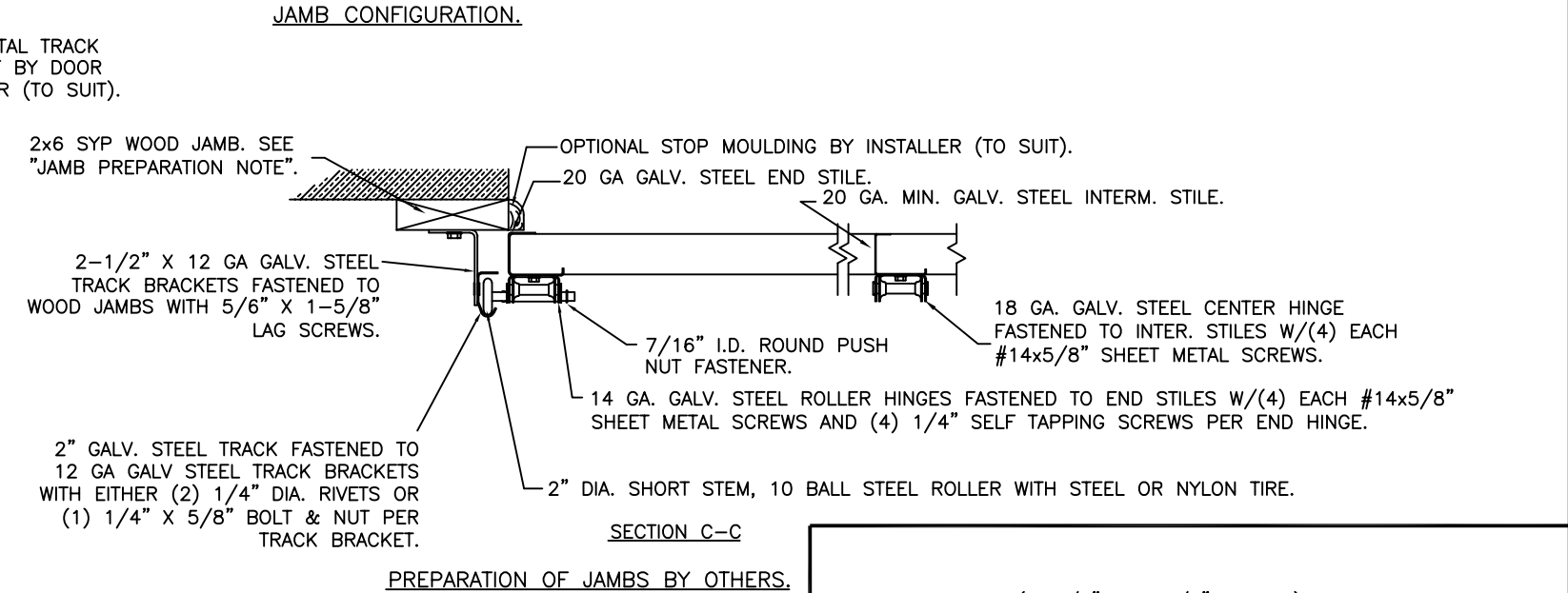
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PART NO.: N/A
WINDLOAD RATING W5 DP32

4					3			
'CLASSIC' RAISED PANEL EMBOSS DOORS								
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HOLMES	48B	--	42B	55S	--	--	--	--
	SHORT PANEL				LONG PANEL			
	* - MODEL 4F IS FLUSH							

'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS				
MODELS	25 GA	25 GA INS	25 GA	25 GA INS
CLOPAY 'GALLERY'	GD5S, GR5S	GD5SV, GR5SV	GD5L, GR5L	GD5LV, GR5LV
HOLMES 'ARTISTRY'	AR5S	AR5SV	AR5L	AR5LV
NOTE: TRACK CONFIGURATION ABOVE CARRIAGE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING OF THIS DOOR.		ED5SV	ED5L	ED5LV
SHORT PANEL			LONG PANEL	



SHEET:		REVISIONS					
4 OF 4		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
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WINDLOAD RATING
W5 DP32

FLORIDA PRODUCT APPROVAL 48397.16