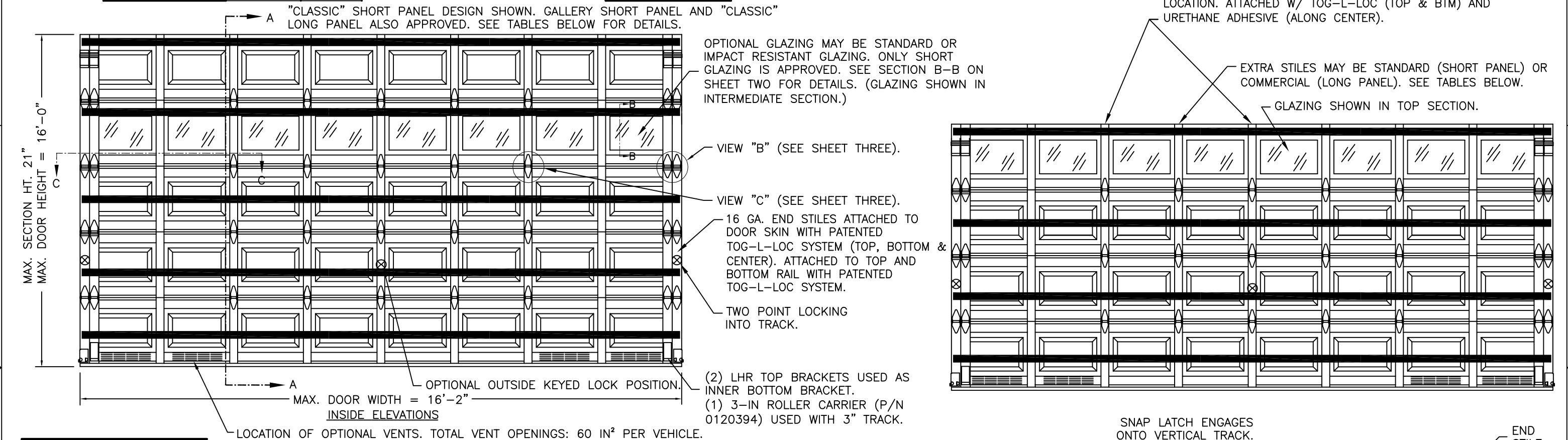


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'CLASSIC' RAISED PANEL EMBOSS DOORS					'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS		SHEET: 1 OF 4	REVISIONS					
MODELS	24 GA	25 GA	25 GA	24 GA	MODELS	25 GA		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
CLOPAY	84A, 94	73, 75	76, 75L	4F	CLOPAY 'GALLERY'	GD5S, GR5S		04	—	8/4/20	—	SH	UPDATED TITLE BLOCK AND REMOVED WIND CHART.
IDEAL	--	--	--	--	HOLMES 'ARTISTRY'	AR5S		05	—	8/20/26	—	JDW	UPDATED MODEL TABLE.
HOLMES	48B	42B	--	--	IDEAL 'CARRIAGE HOUSE'	ED5S							
	SHORT		LONG	FLUSH		SHORT PANEL	ONE STANDARD INTERMEDIATE STILE BETWEEN EACH EMBOSS LOCATION (ATTACHED W/4 TOP + 100 (TOP + 254) AND						

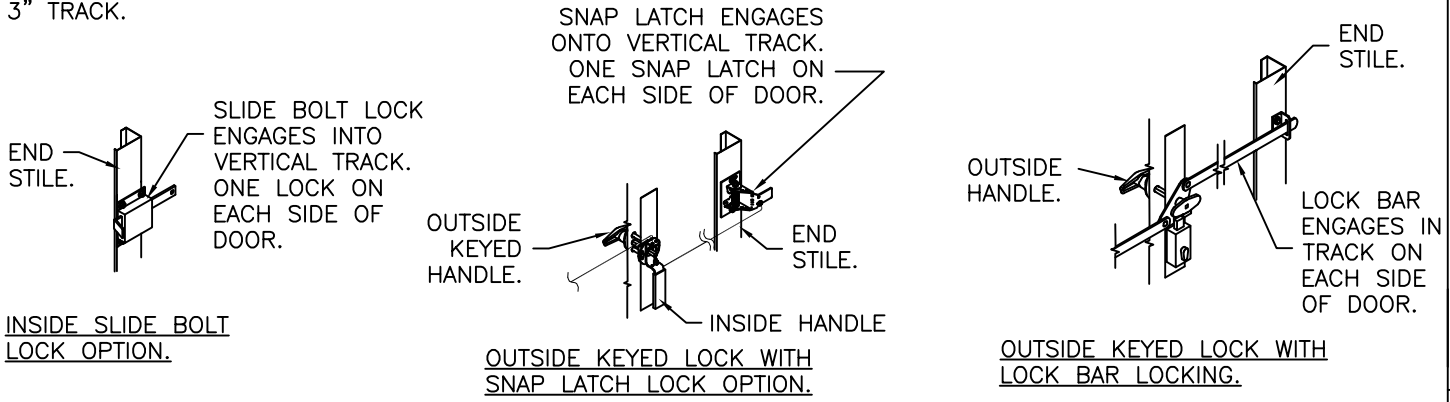


DOOR HEIGHT	# OF SECTIONS
UP TO 7'0"	4
7'3" TO 8'9"	5
9'0" TO 10'6"	6
10'9" TO 12'3"	7
12'6" TO 14'0"	8
14'3" TO 15'9"	9
16'0"	10
MAX SECTION HEIGHT: 21"	

'CLASSIC' RAISED PANEL EMBOSS DOORS				
SHORT PANEL		LONG PANEL		
DOOR WIDTH	# OF INTERM. STILES (PER SECTION)	DOOR WIDTH	# OF STD INTERM. STILES (PER SECTION)	# OF COMM. INTERM. STILES (PER SECTION)
9'2" TO 9'10"	3	9'2" TO 11'2"	1	2
10'0" TO 11'10"	4	11'4" TO 14'10"	2	3
12'0" TO 13'10"	5	15'0" TO 16'2"	3	4
14'0" TO 15'10"	6	SEE NOTE BELOW REGARDING EXTRA STILES ON LONG PANEL DOORS.		
16'0" TO 16'2"	7			

'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS	
SHORT PANEL	
DOOR WIDTH	# OF INTERM. STILES (PER SECTION)
9'2" TO 10'0"	3
10'2" TO 11'4"	N/A
11'6" TO 14'6"	5
14'8" TO 16'2"	7

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.



James D. Wheeler

LICENSE

No. 91932

STATE OF

FLORIDA

PROFESSIONAL ENGINEER

Digitally signed by Jim Wheeler

Date: 2026.08.20 13:17:54

-04'00'

DESIGN ENGINEER:

JAMES D. WHEELER, P.E.

FLORIDA LICENSE No. 91932

DESIGN LOADS: +36.0 P.S.F. & -42.0 P.S.F. TEST LOADS: +54.0 P.S.F. & -63.0 P.S.F.		MANUFACTURING PRODUCT CODE PAN-2F151	
Unless Stated Otherwise TOLERANCES are .0 = ±.031 .00 = ±.015 .000 = ±.005 .0000 = ±.001 Degrees = ±1/2"		PART NO.: N/A	
Clopay CORPORATION		8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853	
DESCRIPTION: 2" STEEL PAN DOORS 16'2"W (SEE TABLE FOR MODELS)		WINDLOAD RATING W6 DP36T	
DRAWN BY: SH	DATE: 11/19/12	SCALE: NTS	DWG. SIZE B
CHECKED BY: SH	DATE: 11/20/12	SHEET 1 OF 4	
DWG. NO.: 104710-A/B	VER: IBC		

4

'CLASSIC' RAISED PANEL EMBOSS DOORS				
MODELS	24 GA	25 GA	25 GA	24 GA
CLOPAY	84A, 94	73, 75	76, 75L	4F
IDEAL	--	--	--	--
HOLMES	48B	42B	--	--
	SHORT		LONG	FLUSH

3

'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS	
MODELS	25 GA
CLOPAY 'GALLERY'	GD5S, GR5S
HOLMES 'ARTISTRY'	AR5S
IDEAL 'CARRIAGE HOUSE'	ED5S
	SHORT PANEL

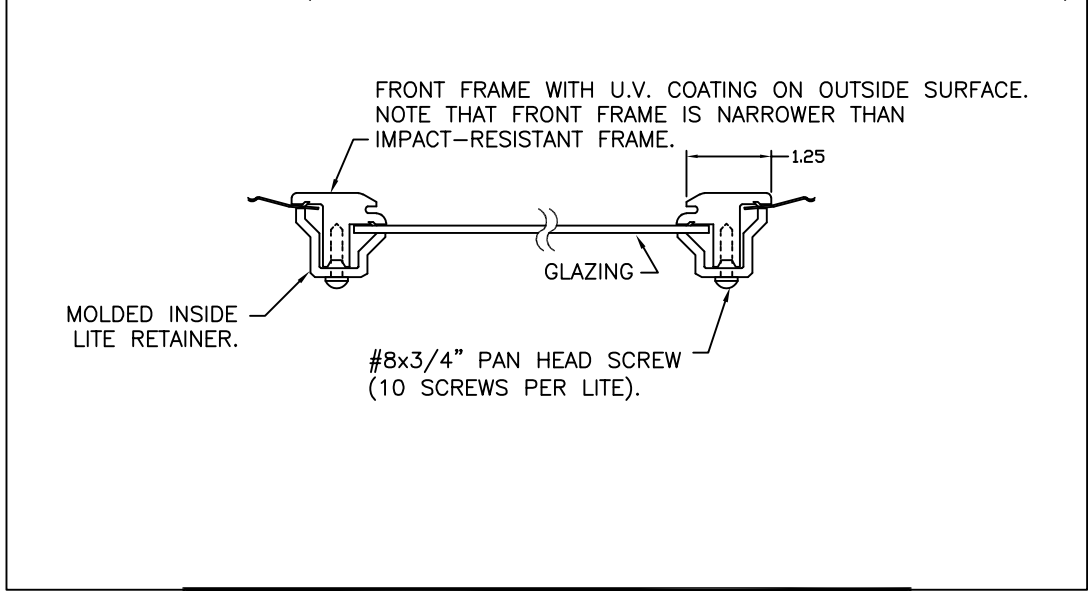
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SHEET: 2 OF 4		REVISIONS				
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION	
05	-	-	-	SH	SEE REVISION HISTORY ON SHEET ONE.	

STANDARD ASSEMBLY CONSTRUCTION:
OPTIONAL DSB OR 1/8" ACYRLIC LITES AVAILABLE. OPTIONAL ACRYLIC GLAZING IS PLASKOLITE OPTIX OR LUCITE CP APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606.
THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPTER 16 FBC/IBC).

SECTION B-B (NON-IMPACT RESISTANT GLAZING OPTION)



STANDARD ASSEMBLY DETAILS
DRAWING 104710-B

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Unless Stated Otherwise DIMENSIONS ARE IN INCHES.		DESCRIPTION: 2" STEEL PAN DOORS 16'2"W (SEE TABLE FOR MODELS)		PART NO.: N/A	
DWG. NO.: 104710-A/B		DRAWN BY: SH		WINDLOAD RATING W6 DP36T	
		CHECKED BY: SH		DATE: 11/19/12	
		DATE: 11/20/12		SCALE: NTS	
		SHEET 2 OF 4		DWG. SIZE B	
		VER: IBC			

4

'CLASSIC' RAISED PANEL EMBOSS DOORS				
MODELS	24 GA	25 GA	25 GA	24 GA
CLOPAY	84A, 94	73, 75	76, 75L	4F
IDEAL	--	--	--	--
HOLMES	48B	42B	--	--
	SHORT		LONG	FLUSH

3

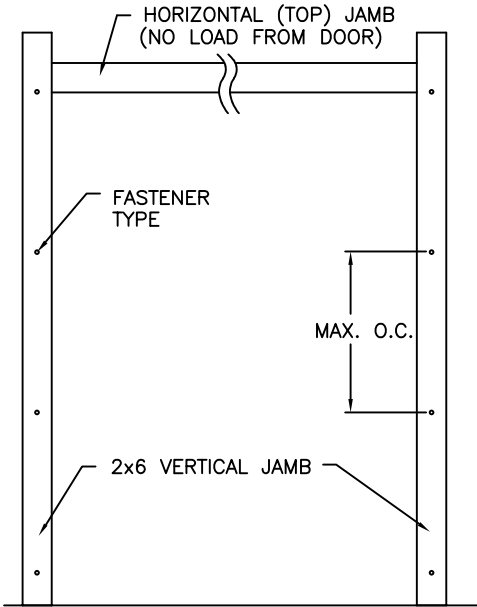
'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS	
MODELS	25 GA
CLOPAY 'GALLERY'	GD5S, GR5S
HOLMES 'ARTISTRY'	AR5S
IDEAL 'CARRIAGE HOUSE'	ED5S
	SHORT PANEL

SHEET:

3 OF 4

21

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
05	—	—	—	SH	SEE REVISION HISTORY ON SHEET ONE.



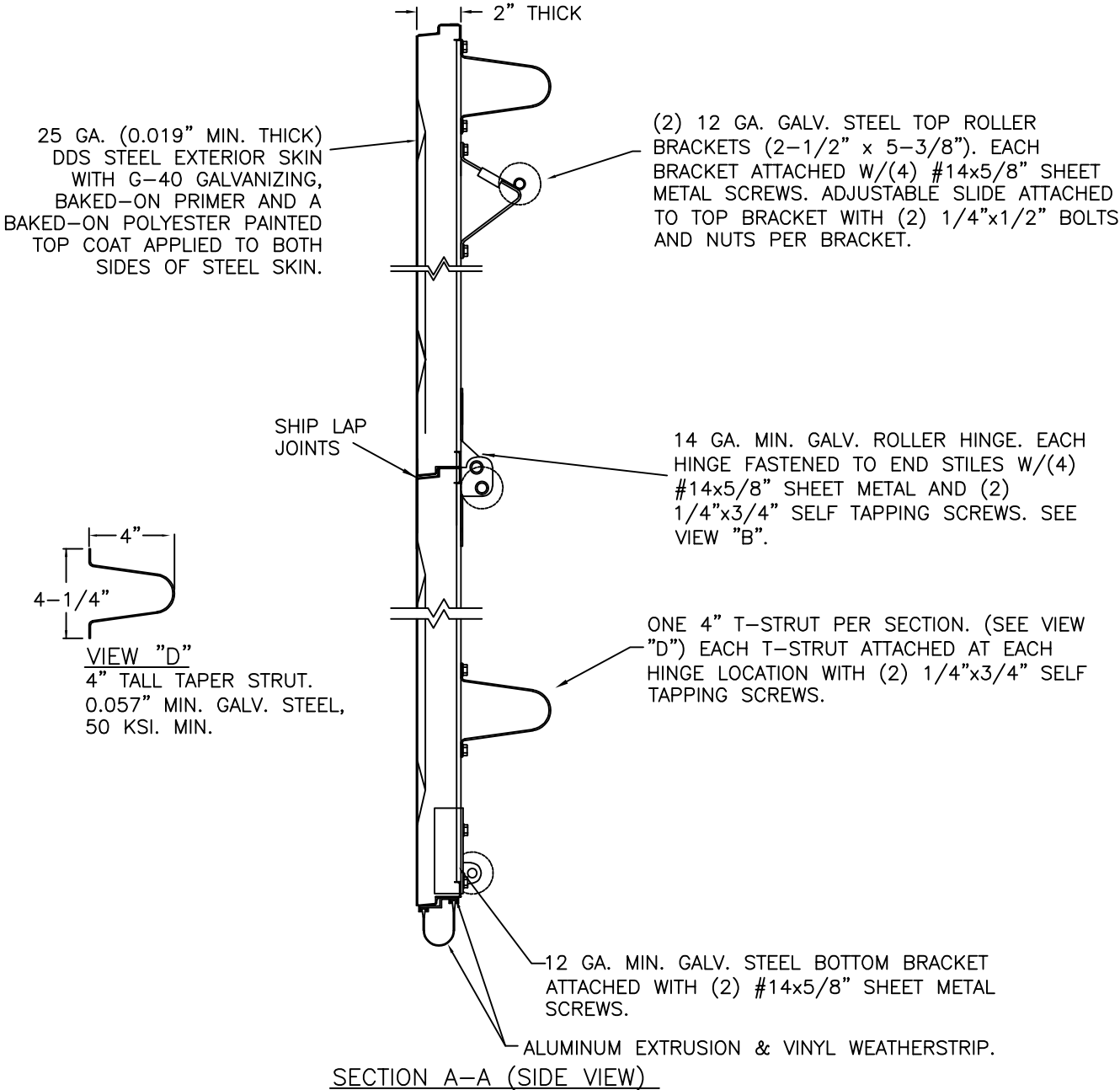
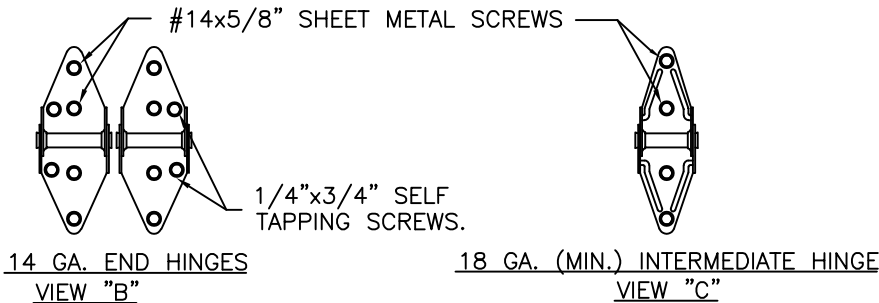
JAMB TO SUPPORTING STRUCTURE ATTACHMENT

- NOTES:
- ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
 - EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +288 LB & -336 LB. PER LINEAR FOOT OF JAMB.
 - ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
 - A 1/3 STRESS INCREASE FOR WIND LOAD WAS NOT USED IN THE CALCULATION OF ALLOWABLE LOADS FOR ANCHORS AND FASTENERS FOR STEEL, CONCRETE AND MASONRY.

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT
(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED?
BLOCK WALL	1/4" x 1-1/4" MIN. EMBED TAPCON CONCRETE ANCHOR	7-1/2"	1" O.D.
3000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED TAPCON CONCRETE ANCHOR	8-1/4"	1" O.D.
2000 PSI MIN. CONCRETE	3/8" X 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	16-1/2"	INCLUDED
4000 PSI MIN. CONCRETE	3/8" X 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	24"	INCLUDED
WOOD FRAME (SYP 0.55 SG)	1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE	17-3/4"	1" O.D.

* FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.
MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.



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Clopay
CORPORATION

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

DESCRIPTION: 2" STEEL PAN DOORS 16'2"W (SEE TABLE FOR MODELS)			
DRAWN BY: SH	DATE: 11/19/12	SCALE: NTS	DWG. B
CHECKED BY: SH	DATE: 11/20/12	SHEET 3 OF 4	SIZE
DWG. NO.: 104710-A/B	VER: IBC		

MANUFACTURING PRODUCT CODE
PAN-2F151

PART NO.: N/A

WINDLOAD RATING
W6 DP36T

4

'CLASSIC' RAISED PANEL EMBOSS DOORS				
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CLOPAY	84A, 94	73, 75	76, 75L	4F
IDEAL	--	--	--	--
HOLMES	48B	42B	--	--
SHORT		LONG	FLUSH	

3

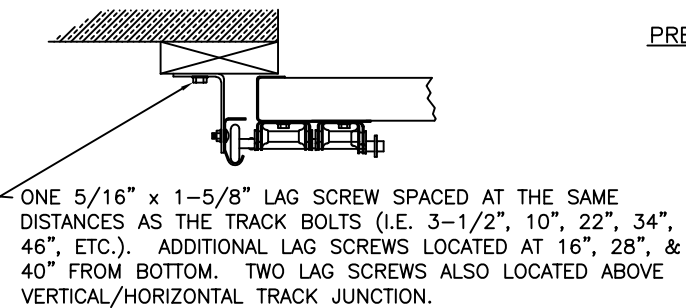
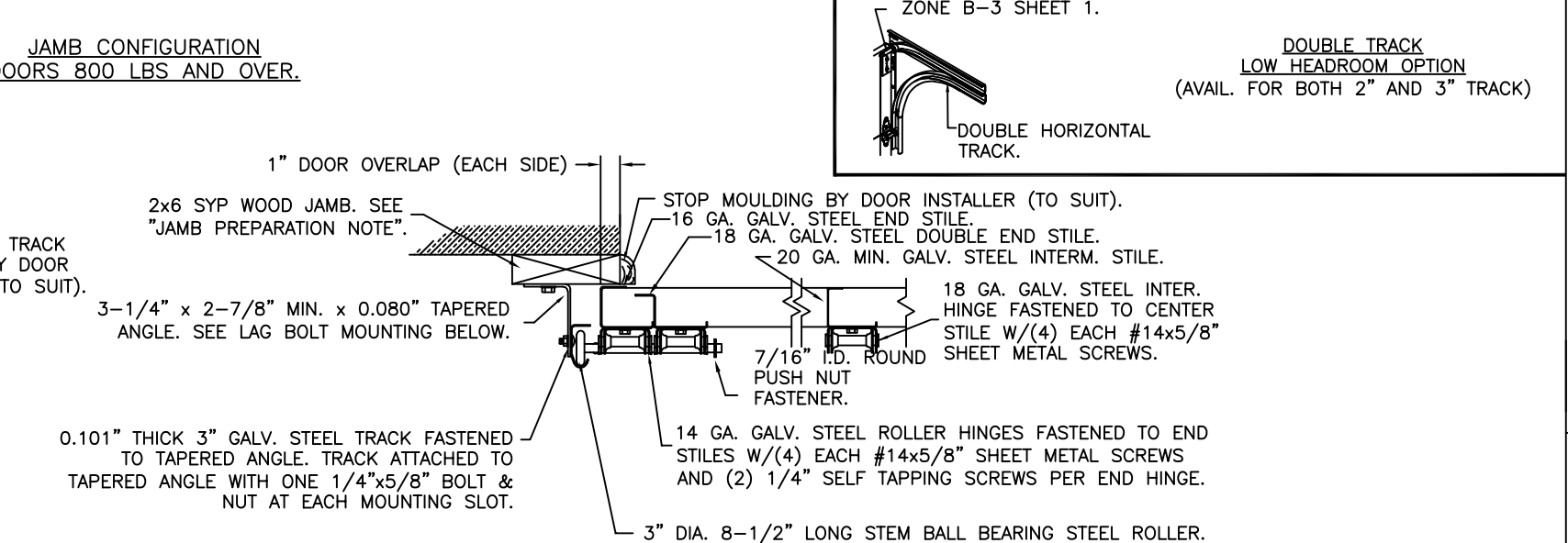
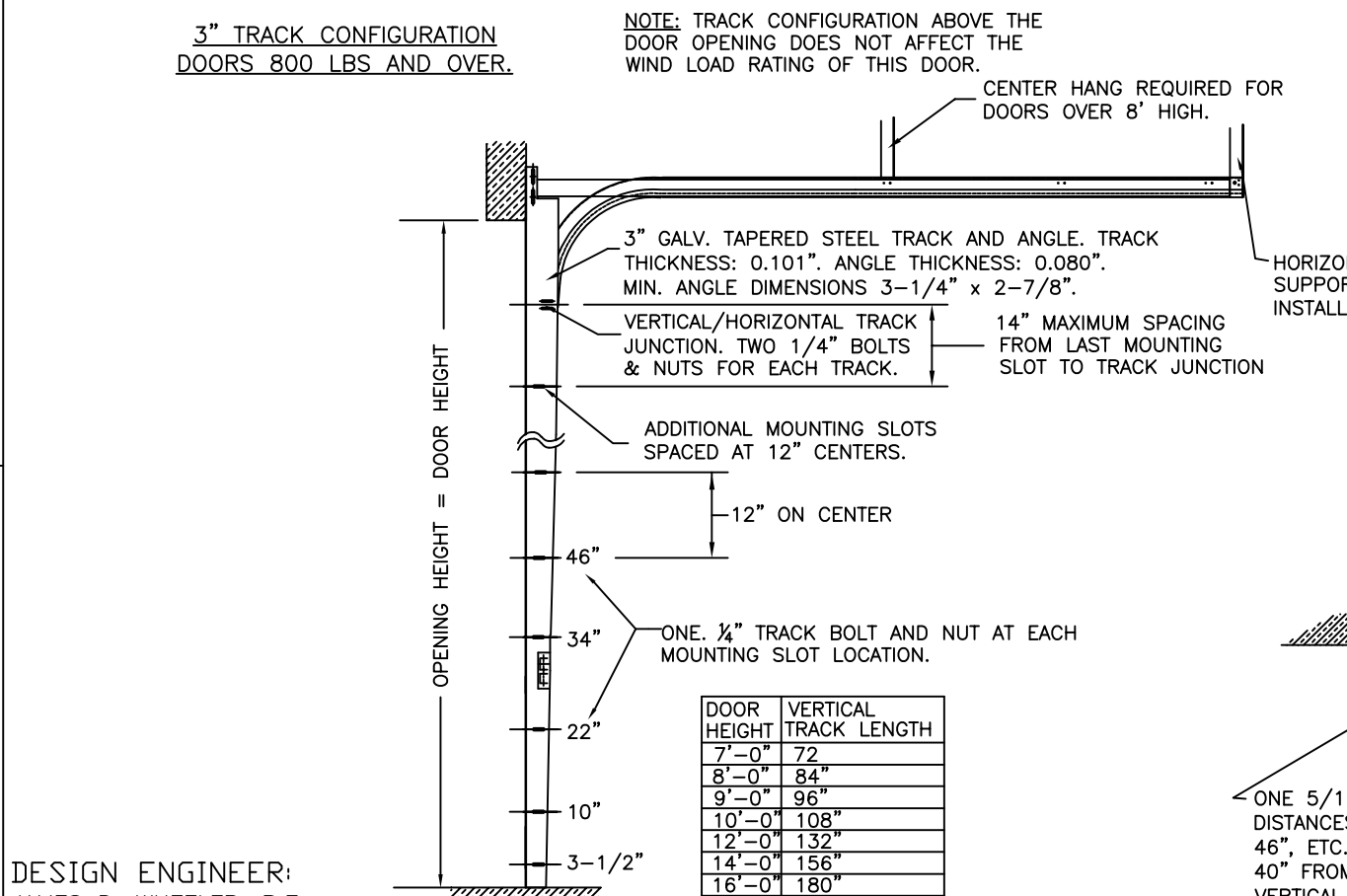
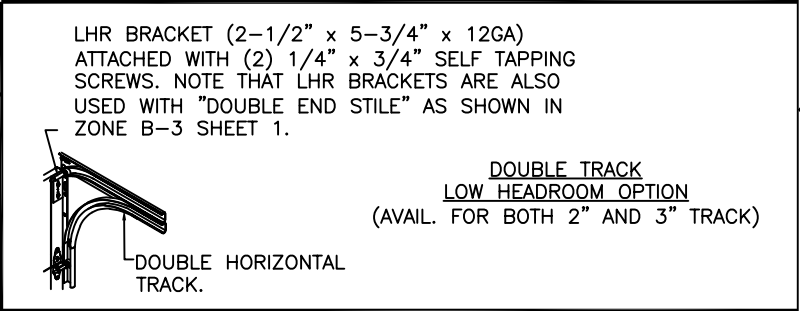
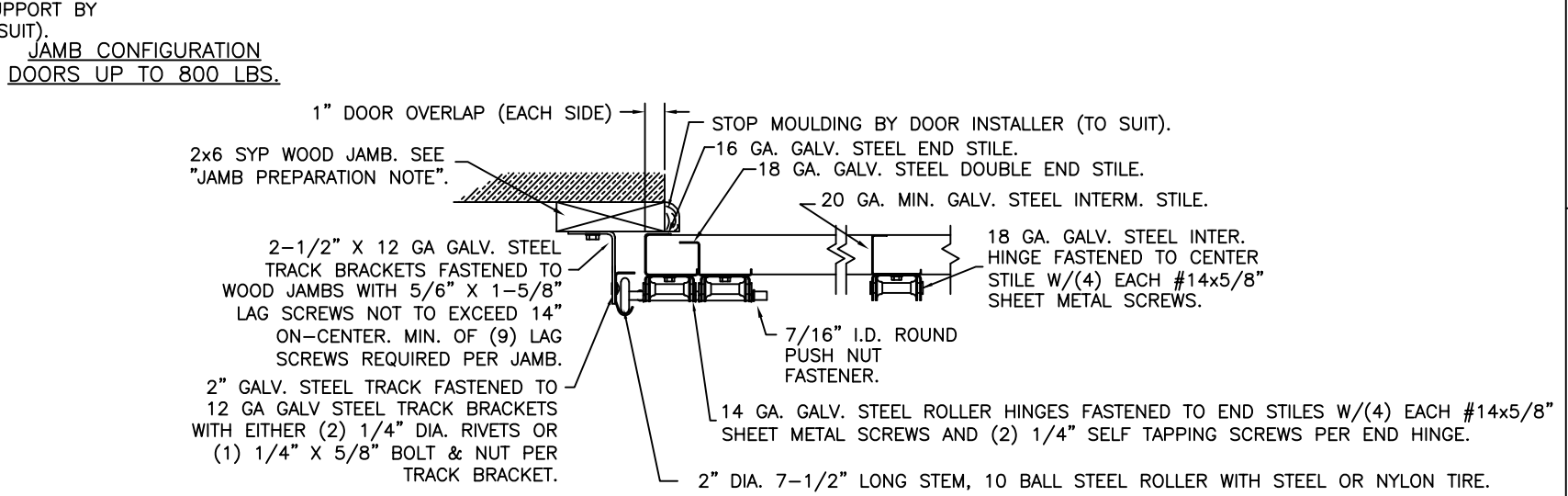
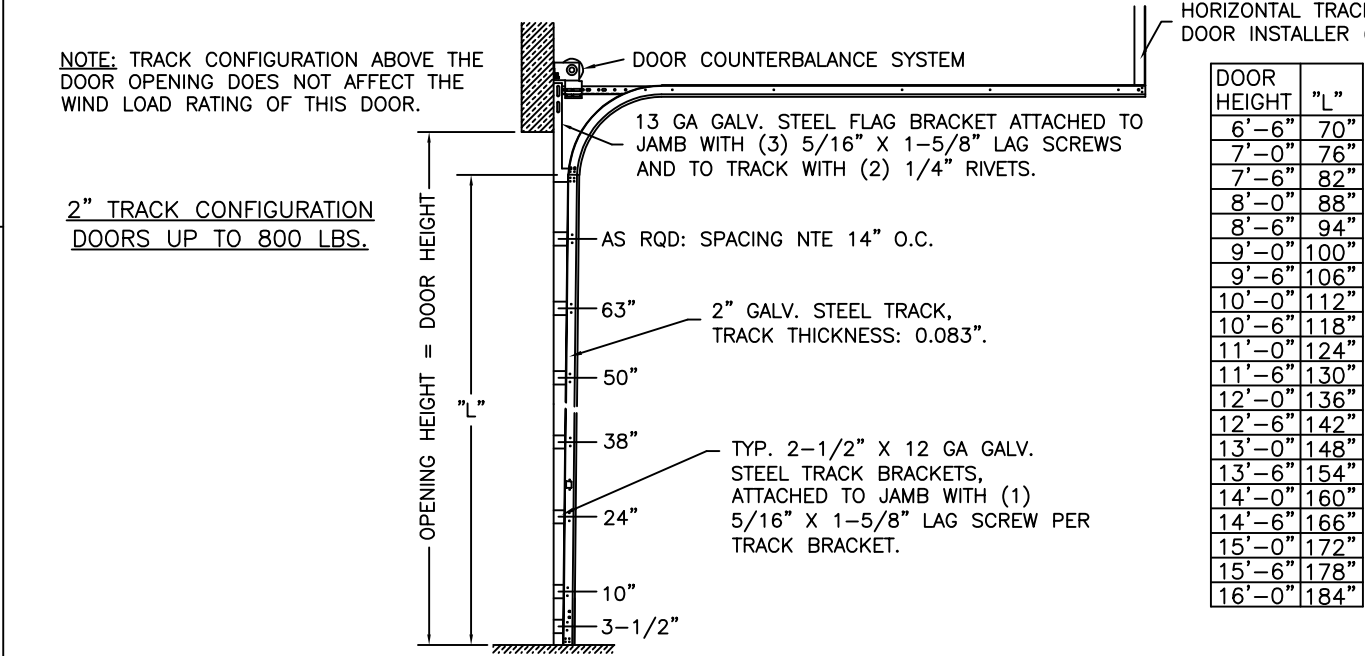
'CARRIAGE HOUSE' RAISED PANEL EMBOSS DOORS	
MODELS	25 GA
CLOPAY 'GALLERY'	GD5S, GR5S
HOLMES 'ARTISTRY'	AR5S
IDEAL 'CARRIAGE HOUSE'	ED5S
SHORT PANEL	

SHEET:
4 OF 4

2

1

REVISIONS					
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DWG. NO.: 104710-A/B		VER: IBC	

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