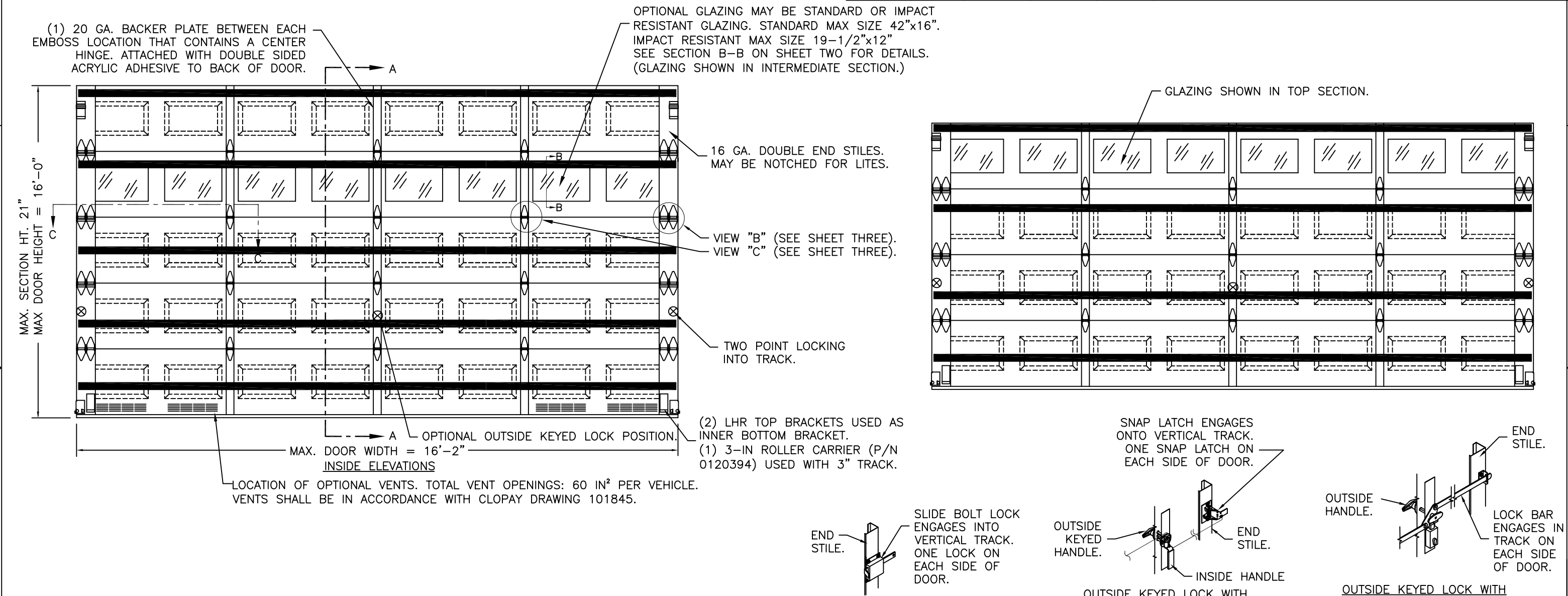
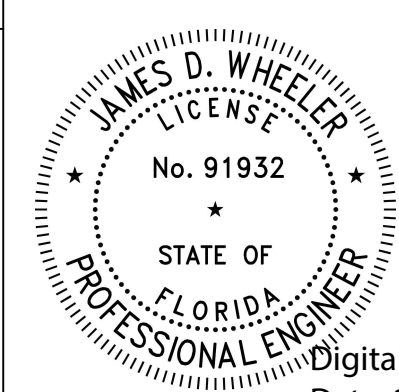


MODELS	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	66, 66G, 6200	68, 6201	67, 67G, 6203
IDEAL	SP200	SF200	SE200

SHEET: 1 OF 4	REVISIONS					
	REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
	03	-	2/11/13	-	SH	UPDATED TOP BRACKET REQUIREMENT.
	04	-	2/4/20	EN2736	SH	REVISED MAX WINDOW SIZE AND TITLE BLOCK
	05	-	8/5/20	-	SH	REMOVED WIND CHART
	06	-	5/15/25	-	JDW	CORRECTED TYPO ON SHEET 4



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"	



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

Digitally signed by Jim Wheeler
Date: 2025.06.23 20:57:20 -04'00'

DESIGN LOADS: +38.0 P.S.F. & -42.0 P.S.F.
TEST LOADS: +57.0 P.S.F. & -63.0 P.S.F.

Unless Stated Otherwise TOLERANCES are
.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°
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: 2" EPS INS. DOORS TO 16'2" (SEE TABLE FOR MODELS)		WINDLOAD RATING W6 DP38	
DRAWN BY: SH	DATE: 9/28/12	SCALE: NTS	DWG. SIZE B
CHECKED BY: SH	DATE: 10/12/12	SHEET 1 OF 4	
DWG. NO.: 104724-A/B		VER: IBC	

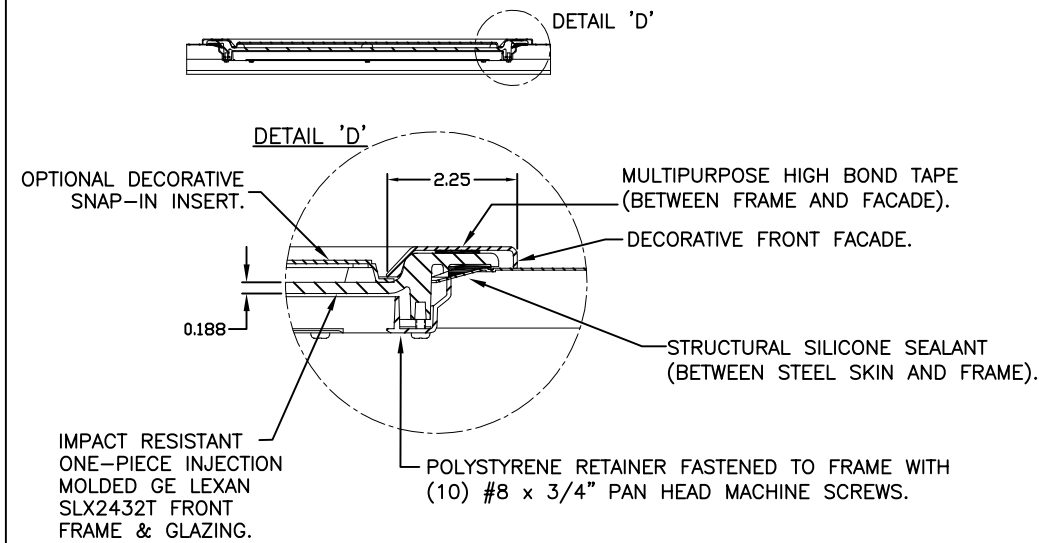
MANUFACTURING PRODUCT CODE DSIE-1F171
PART NO.: N/A

MODELS	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	66, 66G, 6200	68, 6201	67, 67G, 6203
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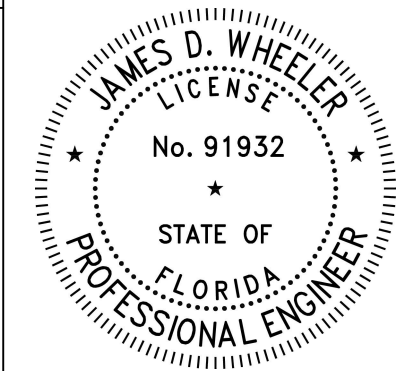
SHEET: 2 OF 4		REVISIONS				
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION	
06	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.	

IMPACT-RESISTANT CONSTRUCTION:
SOLID DOORS (NO GLAZING) OR DOORS WITH OPTIONAL IMPACT-RESISTANT GLAZING ARE IMPACT-RESISTANT. OPTIONAL MAX WINDOW SIZE 19-1/2"x12" INJECTION-MOLDED POLYCARBONATE FRONT FRAME AND GLAZING IS GE LEXAN SLX2432T, AN APPROVED CC2 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606 AND AN APPROVED C1 PLASTIC IN ACCORDANCE WITH FBC 2612.
THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE AND INTERNATIONAL BUILDING CODE AND IS LARGE- AND SMALL-MISSILE IMPACT RESISTANT.

SECTION B-B (IMPACT-RESISTANT GLAZING OPTION)



IMPACT-RESISTANT ASSEMBLY DETAILS
DRAWING 104724-A



DESIGN ENGINEER:
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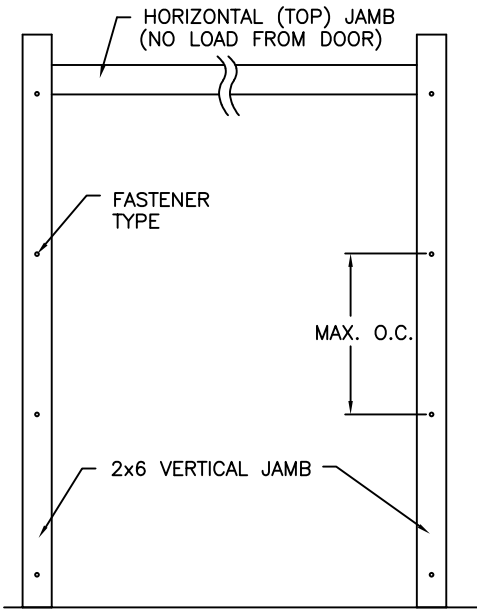
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 CLOPAY CORPORATION	8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853		WINDLOAD RATING W6 DP38	
	DESCRIPTION: 2" EPS INS. DOORS TO 16'2" (SEE TABLE FOR MODELS)			
DRAWN BY: SH	DATE: 9/28/12	SCALE: NTS	DWG. B	
CHECKED BY: SH	DATE: 10/12/12	SHEET 2 OF 4	SIZE B	
DWG. NO.: 104724-A/B		VER: IBC		

MANUFACTURING PRODUCT CODE DSIE-1F171
PART NO.: N/A
WINDLOAD RATING W6 DP38

MODELS	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	66, 66G, 6200	68, 6201	67, 67G, 6203
IDEAL	SP200	SF200	SE200

SHEET: 3 OF 4		REVISIONS				
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION	
06	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.	



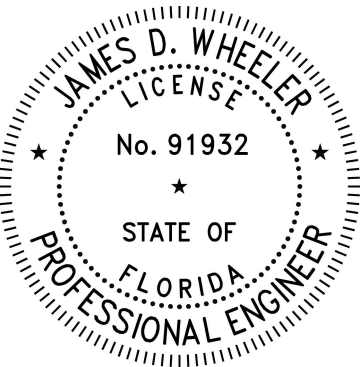
JAMB TO SUPPORTING STRUCTURE ATTACHMENT

- NOTES:
1. 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.
 2. EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +304 LB & -336 LB. PER LINEAR FOOT OF JAMB.
 3. ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
 4. 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.

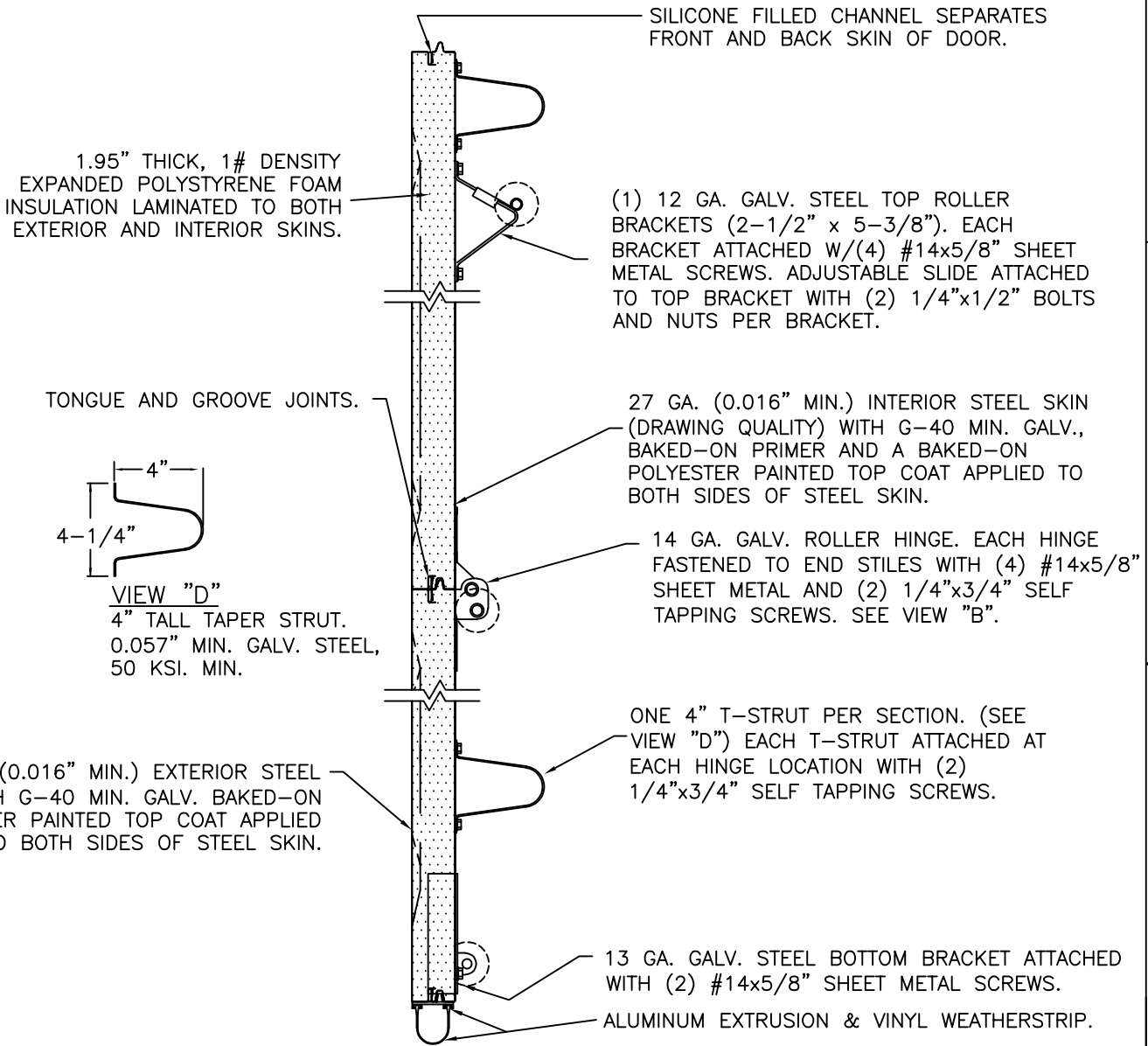
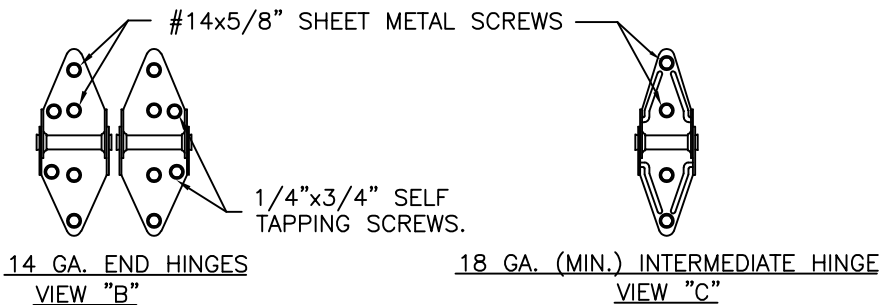
2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT (NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

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.



DESIGN ENGINEER:
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SECTION A-A (SIDE VIEW)

DESIGN LOADS: +38.0 P.S.F. & -42.0 P.S.F.
TEST LOADS: +57.0 P.S.F. & -63.0 P.S.F.

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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" EPS INS. DOORS TO 16'2" (SEE TABLE FOR MODELS)			
DRAWN BY: SH	DATE: 9/28/12	SCALE: NTS	DWG. SIZE B
CHECKED BY: SH	DATE: 10/12/12	SHEET 3 OF 4	
DWG. NO.: 104724-A/B	VER: IBC		

MANUFACTURING PRODUCT CODE
DSIE-1F171

PART NO.: N/A

WINDLOAD RATING
W6 DP38

MODELS	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	66, 66G, 6200	68, 6201	67, 67G, 6203
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SHEET:		REVISIONS				
4 OF 4		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:
		06	-	-	-	-
		DESCRIPTION				
		SEE REVISION HISTORY ON SHEET ONE.				

D

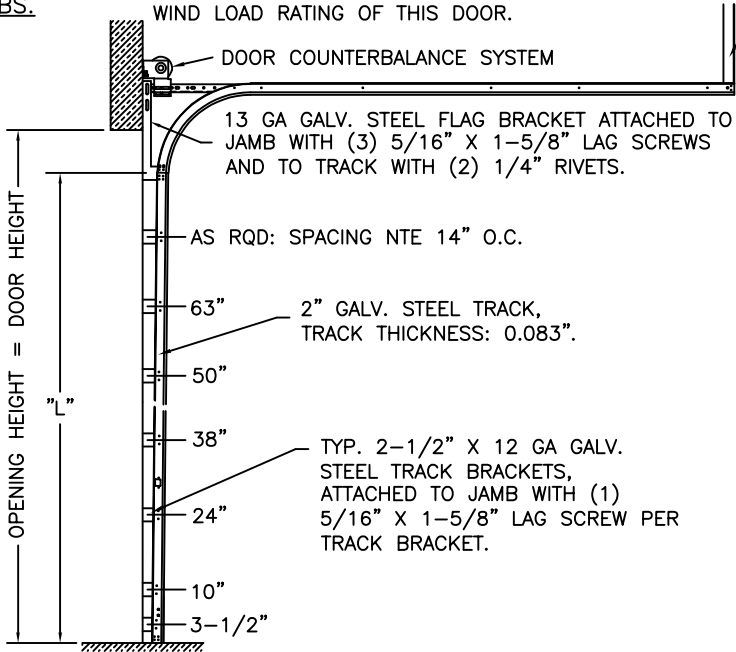
C

B

A

2" TRACK CONFIGURATION
DOORS UP TO 800 LBS.

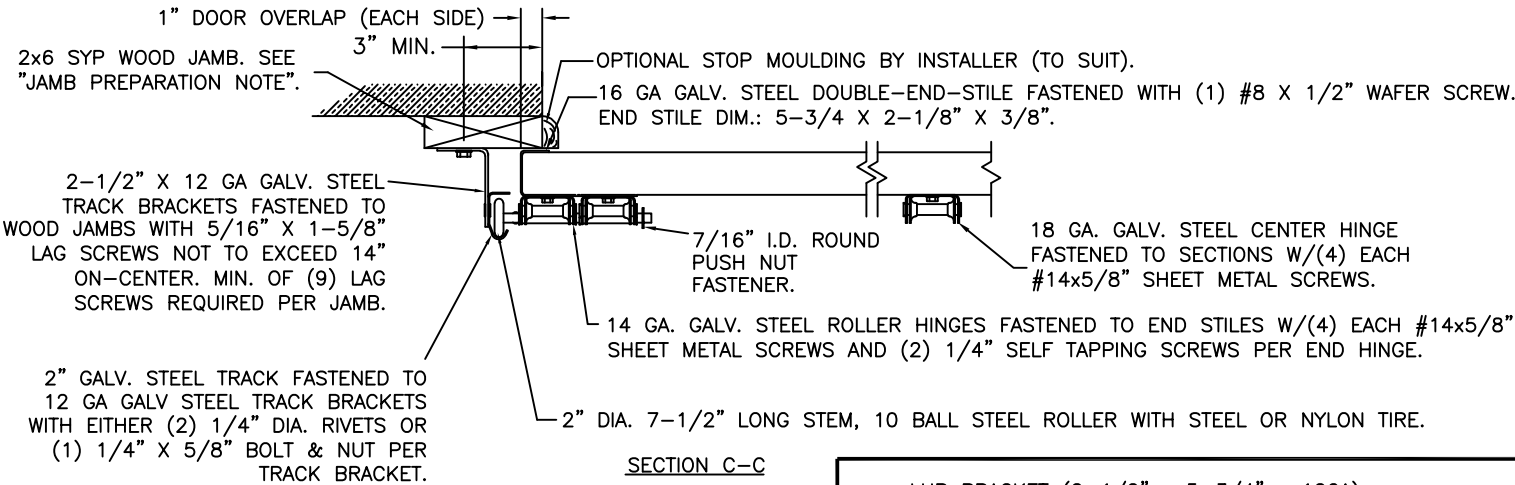
NOTE: TRACK CONFIGURATION ABOVE THE
DOOR OPENING DOES NOT AFFECT THE
WIND LOAD RATING OF THIS DOOR.



HORIZONTAL TRACK
SUPPORT BY DOOR
INSTALLER (TO SUIT).

DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"
8'-6"	94"
9'-0"	100"
9'-6"	106"
10'-0"	112"
10'-6"	118"
11'-0"	124"
11'-6"	130"
12'-0"	136"
12'-6"	142"
13'-0"	148"
13'-6"	154"
14'-0"	160"
14'-6"	166"
15'-0"	172"
15'-6"	178"
16'-0"	184"

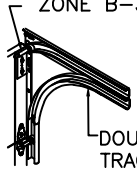
JAMB CONFIGURATION
DOORS UP TO 800 LBS.



SECTION C-C

PREPARATION OF JAMBS BY OTHERS.

LHR BRACKET (2-1/2" x 5-3/4" x 12GA)
ATTACHED WITH (2) 1/4" x 3/4" SELF TAPPING
SCREWS. NOTE THAT LHR BRACKETS ARE ALSO
USED WITH "DOUBLE END STILE" AS SHOWN IN
ZONE B-3 SHEET 1.

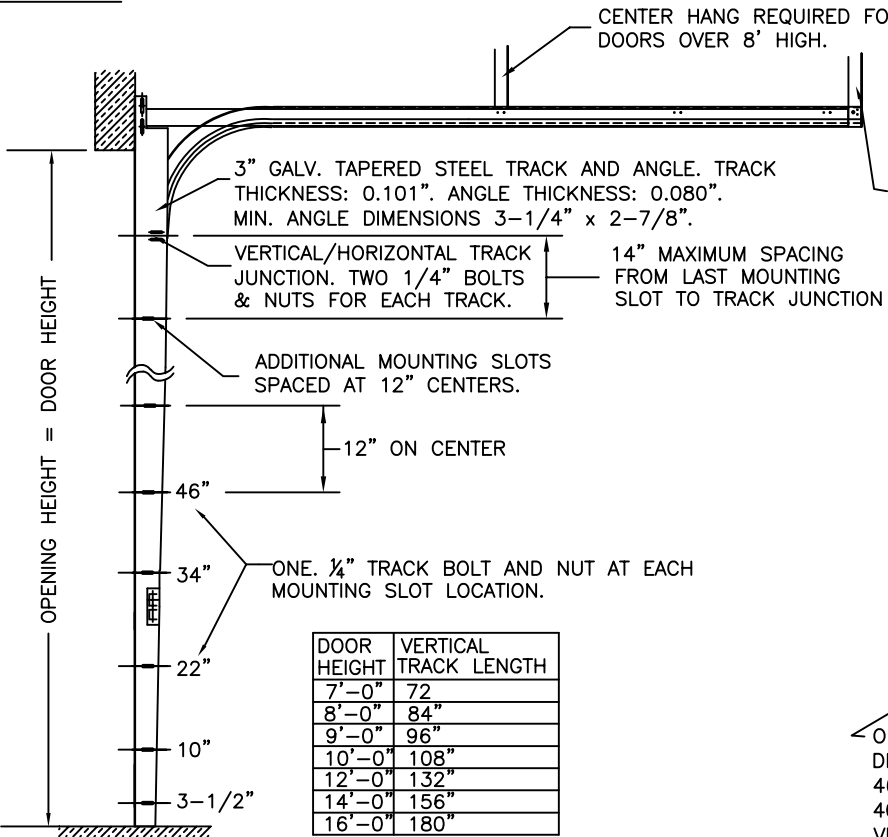


DOUBLE TRACK
LOW HEADROOM OPTION
(AVAIL. FOR BOTH 2" AND 3" TRACK)

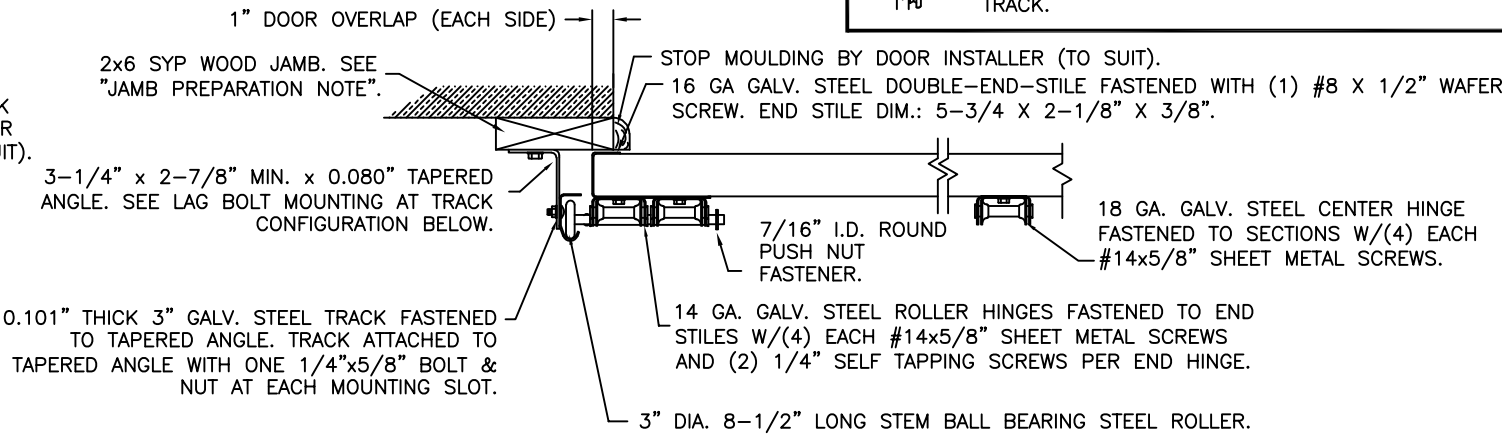
DOUBLE HORIZONTAL
TRACK.

3" TRACK CONFIGURATION
DOORS 800 LBS AND OVER.

NOTE: TRACK CONFIGURATION ABOVE THE
DOOR OPENING DOES NOT AFFECT THE
WIND LOAD RATING OF THIS DOOR.



JAMB CONFIGURATION
DOORS 800 LBS AND OVER.



SECTION C-C

PREPARATION OF JAMBS BY OTHERS.

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Clopay
CORPORATION

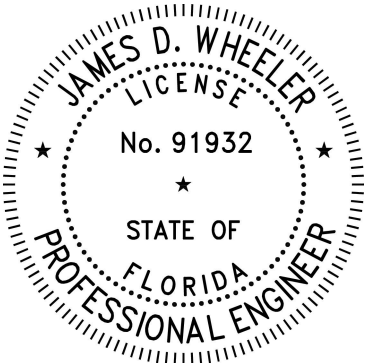
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DRAWN BY: SH DATE: 9/28/12 SCALE: NTS DWG. SIZE B

CHECKED BY: SH DATE: 10/12/12 SHEET 4 OF 4

DWG. NO.: 104724-A/B VER: IBC



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FLORIDA LICENSE No. 91932