

4

'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	94V	73, 75	1500, 190	96	96V	75L, 76	76V
IDEAL	4F*	--	--	--	--	--	--	--
HOLMES	48B	--	42B	55S	--	--	--	--
	SHORT PANEL				LONG PANEL			
* - MODEL 4F IS FLUSH								

'CARRIAGE HOUSE' RAISED PANEL DOORS		
MODELS	25 GA	25 GA INS
CLOPAY 'GALLERY'	GD5L, GR5L	GD5LV, GR5LV
HOLMES 'ARTISTRY'	AR5L	AR5LV
IDEAL 'CARRIAGE HOUSE'	ED5L	ED5LV
LONG PANEL		

'CARRIAGE HOUSE' RAISED PANEL DOORS		
MODELS	25 GA	25 GA INS
CLOPAY 'GALLERY'	GD5S, GR5S	GD5SV, GR5SV
HOLMES 'ARTISTRY'	AR5S	AR5SV
IDEAL 'CARRIAGE HOUSE'	ED5S	ED5SV
SHORT PANEL		

SHEET:
3 OF 4

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

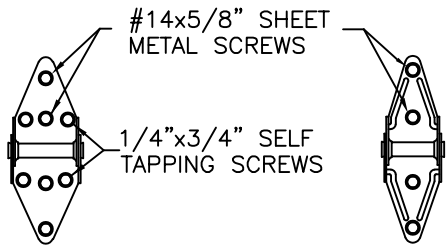
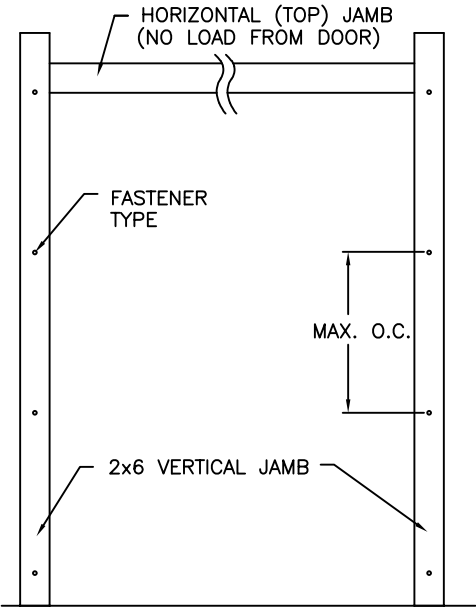
JAMB TO SUPPORTING STRUCTURE ATTACHMENT

- 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 +225 LB & -225 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.

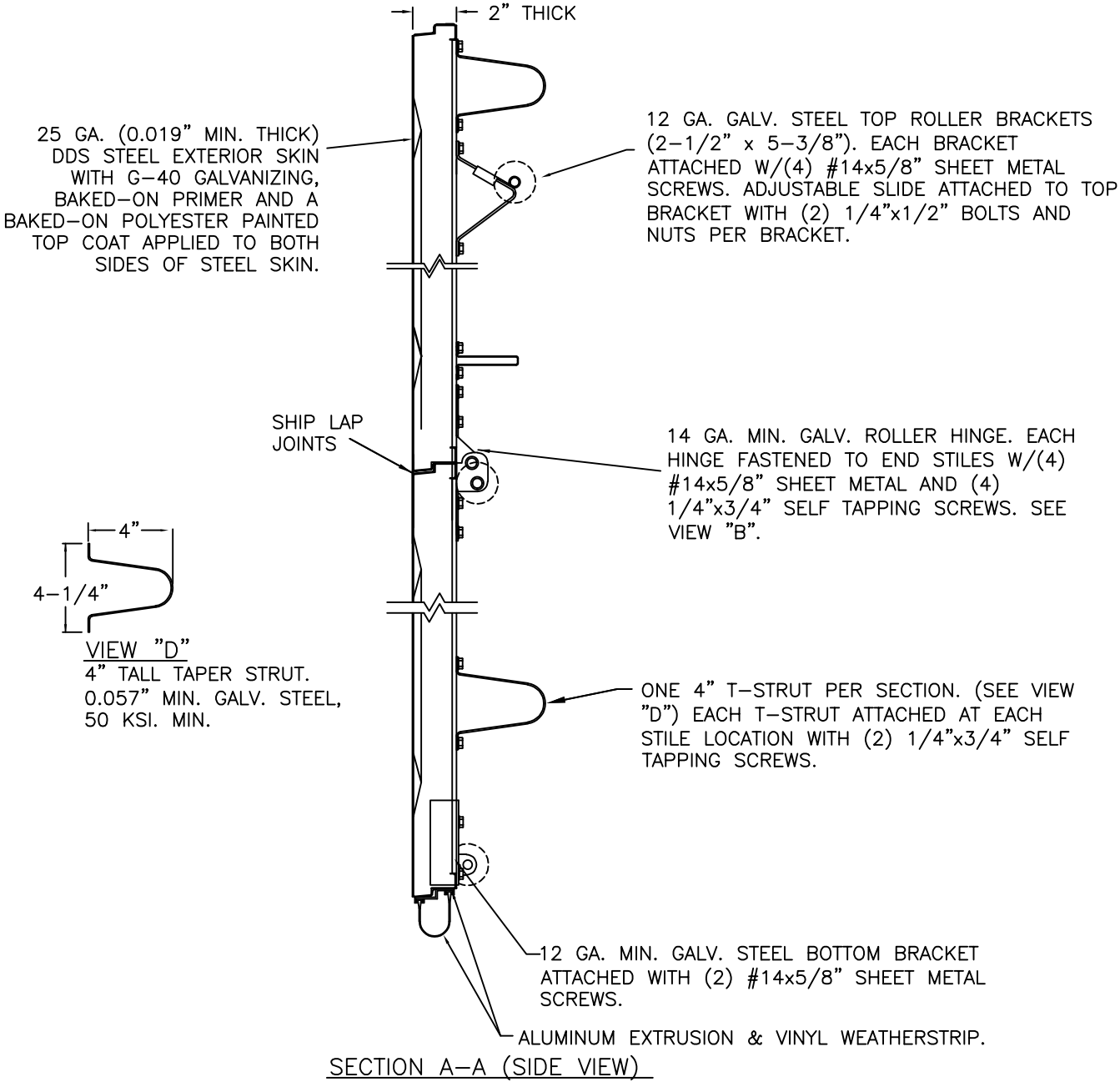
2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT
(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

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	8"	1" O.D.
3000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED TAPCON CONCRETE ANCHOR	20	1" O.D.
2000 PSI MIN. CONCRETE	3/8" X 1-1/2" MIN. EMBED SLEEVE ANCHOR	18"	INCLUDED
WOOD FRAME (SYP 0.55 SG)	1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE	24"	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.



14 GA. END HINGES 18 GA. INTERMEDIATE HINGE
VIEW "B" VIEW "C"



DESIGN LOADS: +25.0 P.S.F. & -27.0 P.S.F.
TEST LOADS: +37.5 P.S.F. & -40.5 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" STEEL PAN DOORS 18'2" (SEE TABLE FOR MODELS)			
DRAWN BY: RJK	DATE: 7/15/14	SCALE: NTS	DWG. B
CHECKED BY: SH	DATE: 7/22/14	SHEET 3 OF 4	SIZE
DWG. NO.: 104946-A/B	VER: IBC		

MANUFACTURING PRODUCT CODE
PAN-2F151

PART NO.: N/A

WINDLOAD RATING
W4 DP25

DESIGN ENGINEER:
JAMES D. WHEELER, P.E.
FLORIDA LICENSE No. 91963

FLORIDA PRODUCT APPROVAL 48397.8

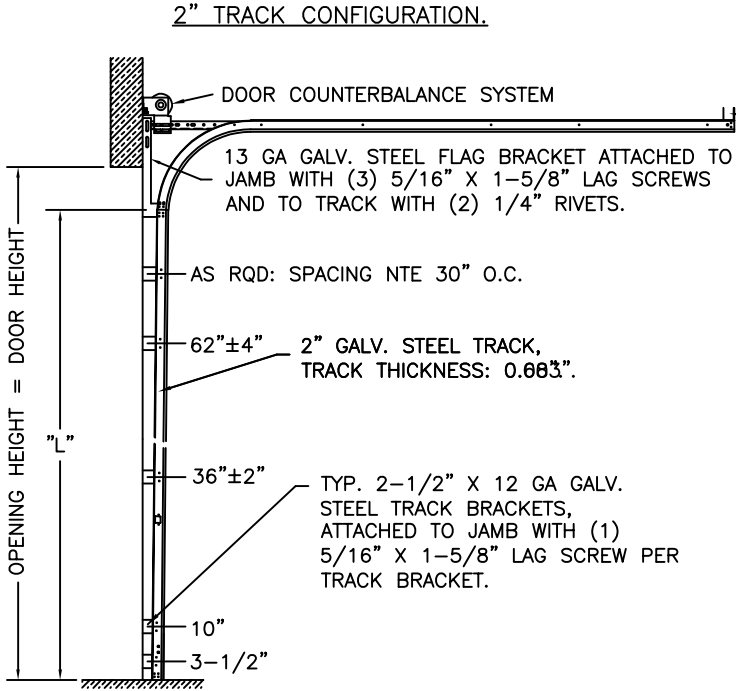
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SHORT PANEL					LONG PANEL			

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'CARRIAGE HOUSE' RAISED PANEL DOORS		
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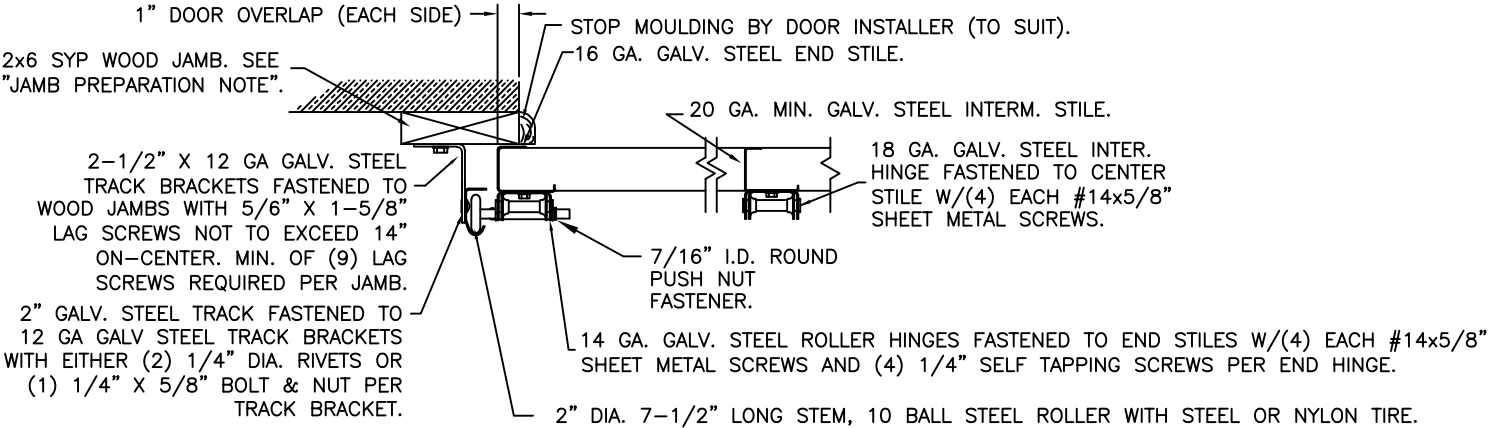
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NOTE: TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING OF THIS DOOR.



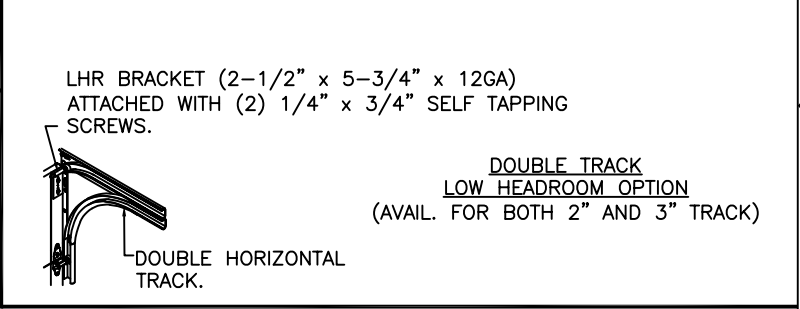
DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"
8'-6"	94"
9'-0"	100"
9'-6"	106"
10'-0"	112"
10'-6"	118"
11'-0"	124"
11'-6"	130"
12'-0"	136"
12'-6"	142"
13'-0"	148"
13'-6"	154"
14'-0"	160"
14'-6"	166"
15'-0"	172"
15'-6"	178"
16'-0"	184"

HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT).

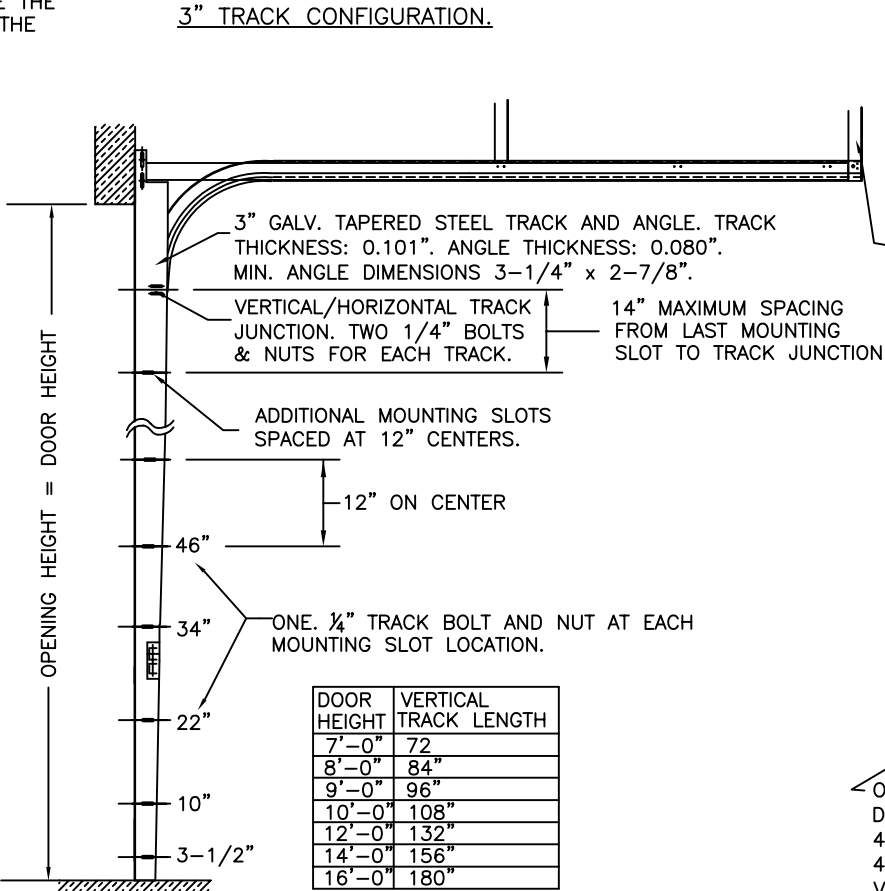


SECTION C-C

PREPARATION OF JAMBS BY OTHERS.

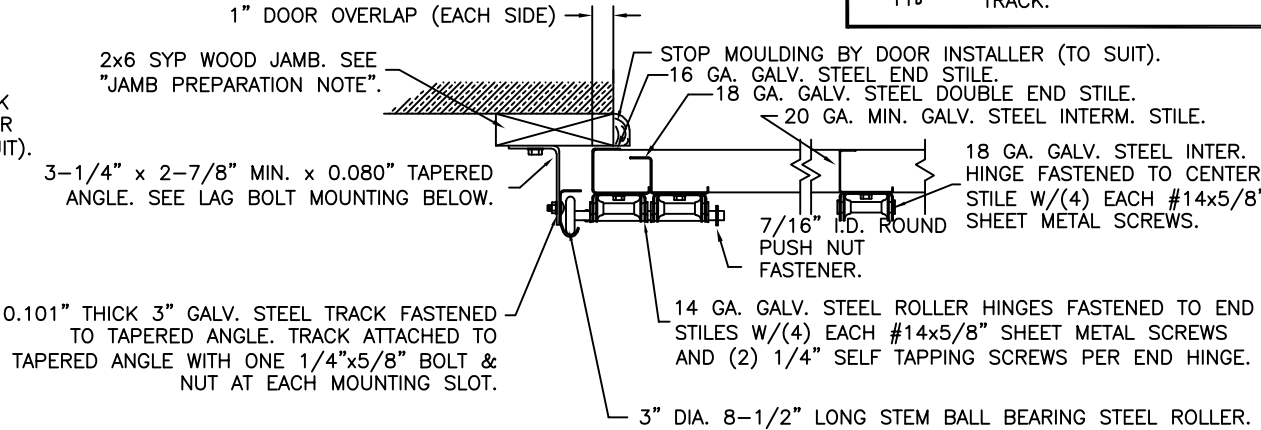


NOTE: TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING OF THIS DOOR.



DOOR HEIGHT	VERTICAL TRACK LENGTH
7'-0"	72"
8'-0"	84"
9'-0"	96"
10'-0"	108"
12'-0"	132"
14'-0"	156"
16'-0"	180"

JAMB CONFIGURATION FOR 3 inch TRACK.



SECTION C-C
PREPARATION OF JAMBS BY OTHERS.

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CHECKED BY: SH	DATE: 7/22/14	SHEET 4 OF 4	
DWG. NO.: 104946-A/B	VER: IBC		

DESIGN ENGINEER:
JAMES D. WHEELER, P.E.
FLORIDA LICENSE No. 91963