

'CLASSIC' RAISED PANEL EMBOSS DOORS	
MODELS	24 GA
CLOPAY	84A, 94
IDEAL	4RST, 4F*
HOLMES	48, 48B

* - MODEL 4F IS FLUSH

EQUIVALENT SECTION CONSTRUCTION: FOR ANY OF THE MODELS LISTED ON THIS DRAWING, THE FOLLOWING W-LEVEL DOORS USE EQUIVALENT SECTIONS (UP TO THE MAXIMUM WIDTH ALLOWED ON THIS DRAWING). **W6, W7, W8.** ANY OF THESE W-LEVELS MAY BE SHOWN ON THE OPTIONAL SHIPPING LABEL ON THE END STILE.

SHEET:
1 OF 4

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
06	-	8/8/14	-	SH	CLARIFIED STILE AND HINGE QTY.

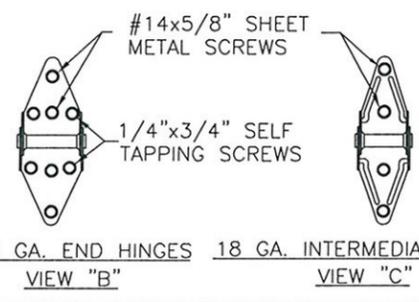
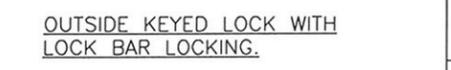
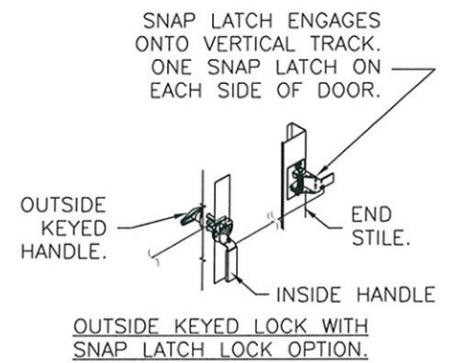
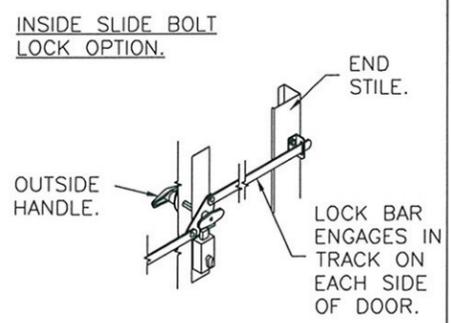
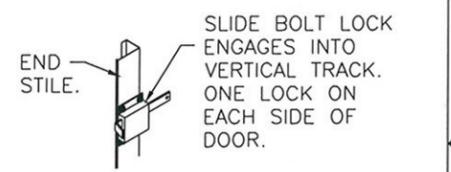
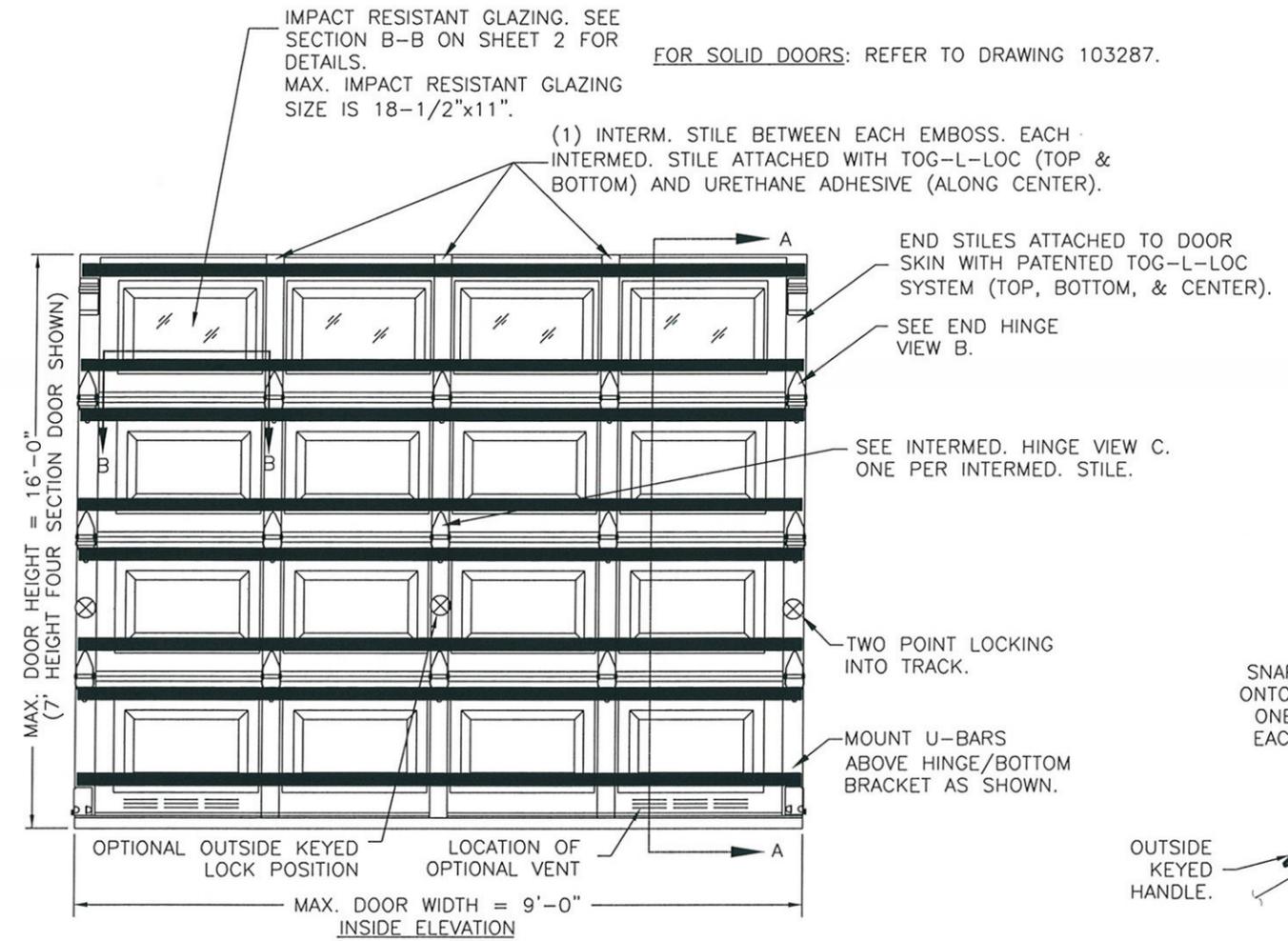
'CLASSIC' RAISED PANEL EMBOSS DOORS		
DOOR WIDTH	# OF INTERM. STILES	# OF INTERM. HINGES
4'2" TO 6'0"	1	1
6'2" TO 7'10"	2	2
8'0" TO 9'0"	3	3

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'

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE DESIGN WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BUILDING CODE OR THE INTERNATIONAL BUILDING CODE (BASED ON ASCE7-05) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 2' OF WIDTH IN BUILDING'S END ZONE, 3) ANY ROOF SLOPE, AND 4) TESTING IN ACCORDANCE WITH ANSI/DASMA 108. SITE-SPECIFIC CALCULATIONS BY A QUALIFIED DESIGN PROFESSIONAL MAY DIFFER.

DESIGN WIND SPEED (MPH)	140	150	150
EXPOSURE CATEGORY	B, C	B, C	B
MEAN ROOF HEIGHT	25'	15'	30'



DESIGN LOADS: +48.0 P.S.F. & -54.0 P.S.F.
TEST LOADS: +72.0 P.S.F. & -81.0 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 Building Products Company
8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

MANUFACTURING PRODUCT CODE
PAN-2F143
PART NO.: N/A

WINDLOAD RATING
W8 DP48

DESCRIPTION: CLASSIC AND CH RP STEEL PAN SC +48/-54 PSF

DRAWN BY: S.H. DATE: 10/23/06 SCALE: NTS DWG. SIZE B

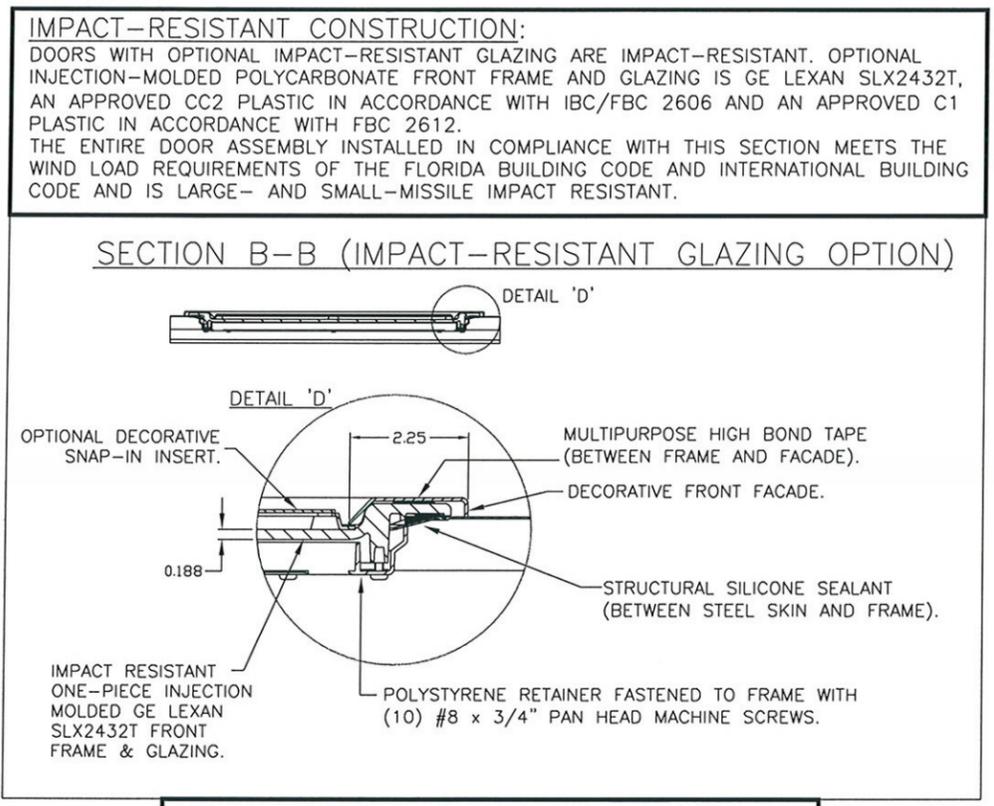
CHECKED BY: -- DATE: -- SHEET 1 OF 4 VER: TDI

DESIGN ENGINEER:
MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513

8/12/14

'CLASSIC' RAISED PANEL EMBOSS DOORS	
MODELS	24 GA
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IDEAL	4RST, 4F*
HOLMES	48, 48B
* - MODEL 4F IS FLUSH	

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



**IMPACT-RESISTANT ASSEMBLY DETAILS
DRAWING 103547**



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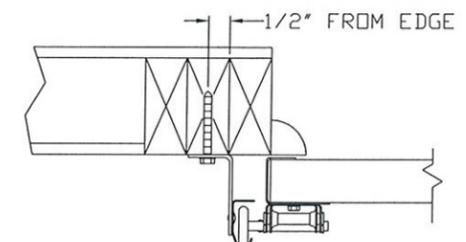
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SHEET:
3 OF 4

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

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.



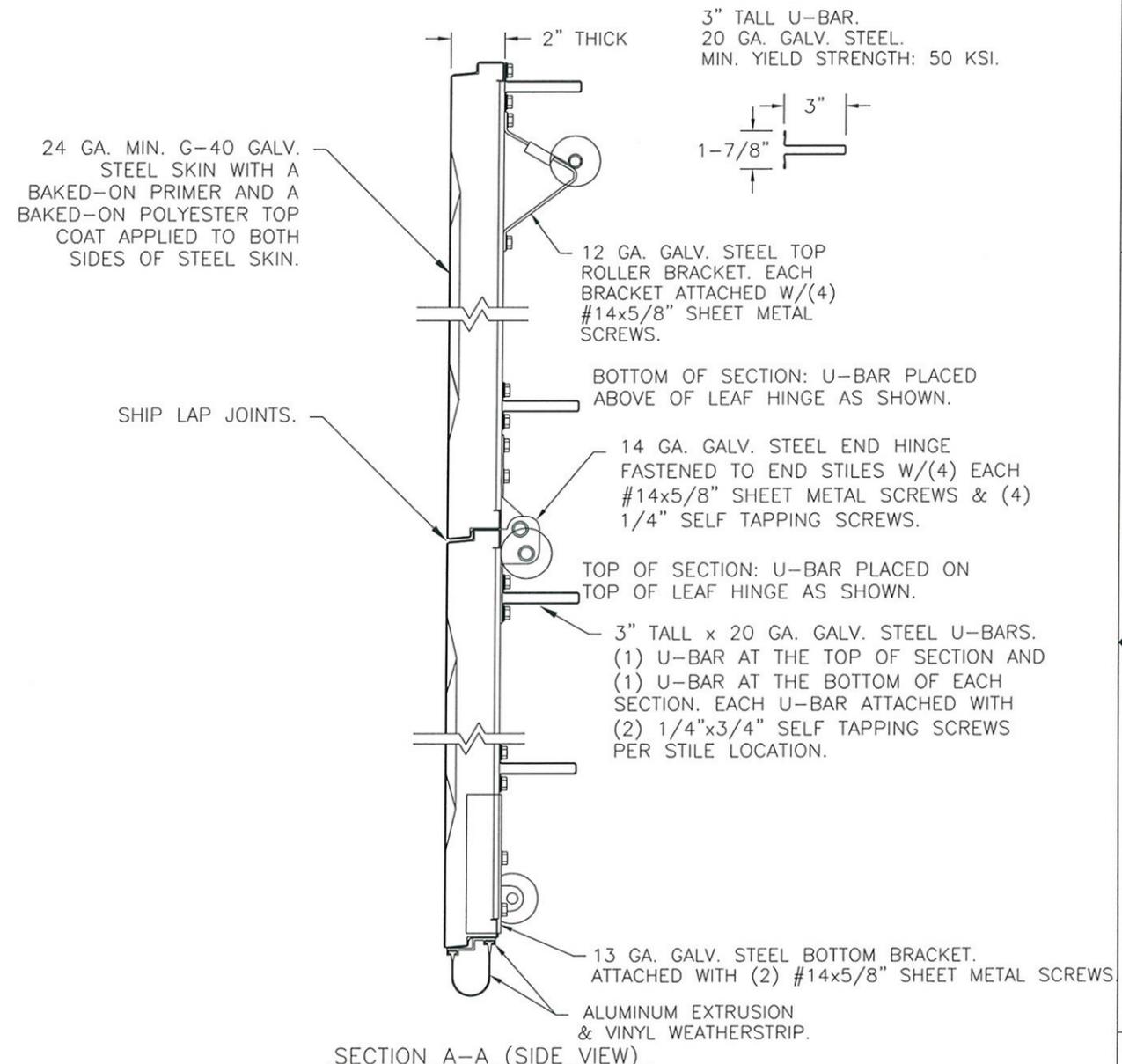
VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):
3/8"x3" LAG SCREWS ON 24" CENTERS. 1-1/8" MIN. O.D. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
3/8"x3" SLEEVE ANCHOR BOLTS ON 18" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.
OR
1/4"x3" TAPCON SCREWS ON 15" 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.

SEE ADDITIONAL DETAILS IN "CONNECTING JAMB TO EXISTING STRUCTURES" JAMB FASTENER ANALYSIS CBPC-JFA-0001 (AVAILABLE ON TDI WEBSITE OR FROM MANUFACTURER).

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.



SECTION A-A (SIDE VIEW)

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CHECKED BY: --	DATE: --	SHEET 3 OF 4	
DWG. NO.: 103547	VER: TDI		

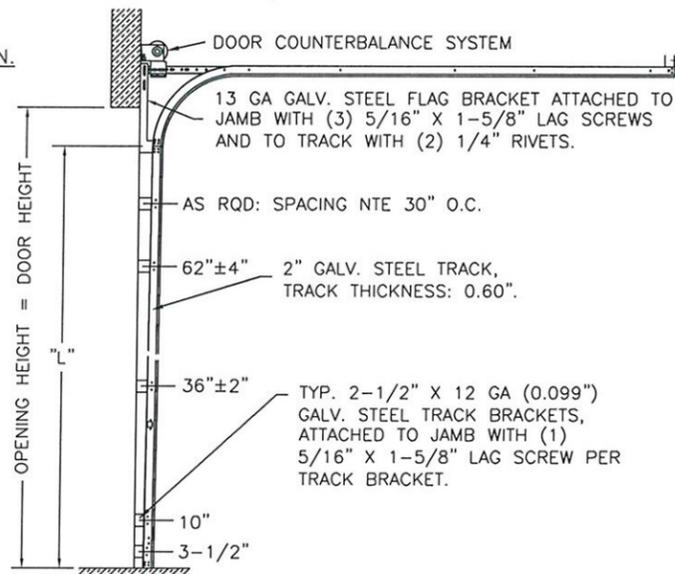
DESIGN ENGINEER 1513
MARK WESTERFIELD, P.E.
FLORIDA P.E. #40495; NC P.E. #23832; TEXAS P.E. #91513

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2" TRACK CONFIGURATION.

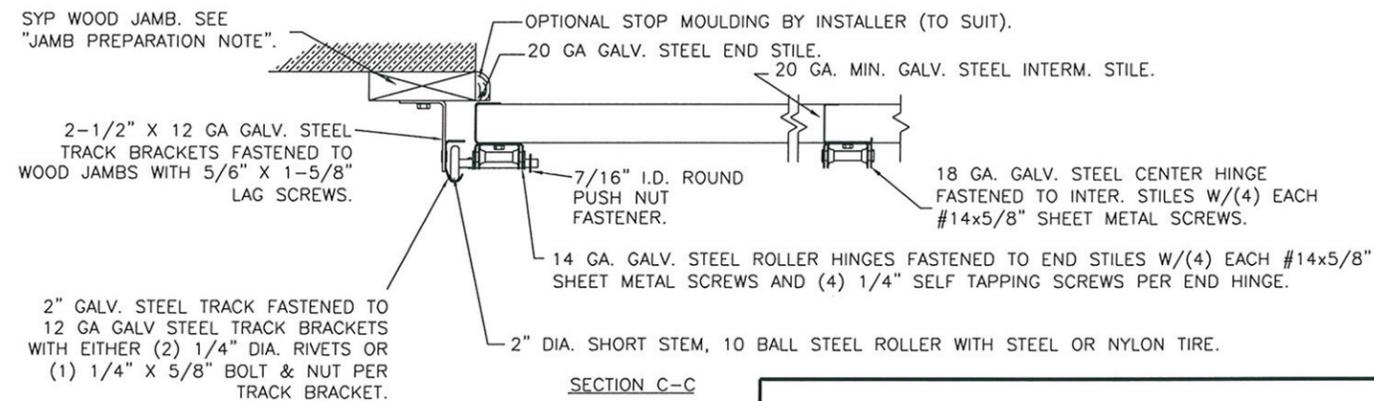


NOTE: TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING OF THIS DOOR.

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).

JAMB CONFIGURATION.



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.



DOUBLE TRACK LOW HEADROOM OPTION

3" TRACK IS ALSO AVAILABLE.

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