

'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
12	-	8/8/14	-	SH	CLARIFIED STILE AND HINGE QTY.

'CLASSIC' RAISED PANEL EMBOSS DOORS

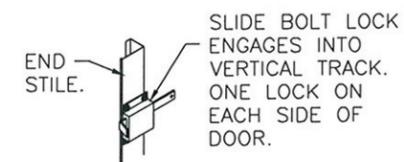
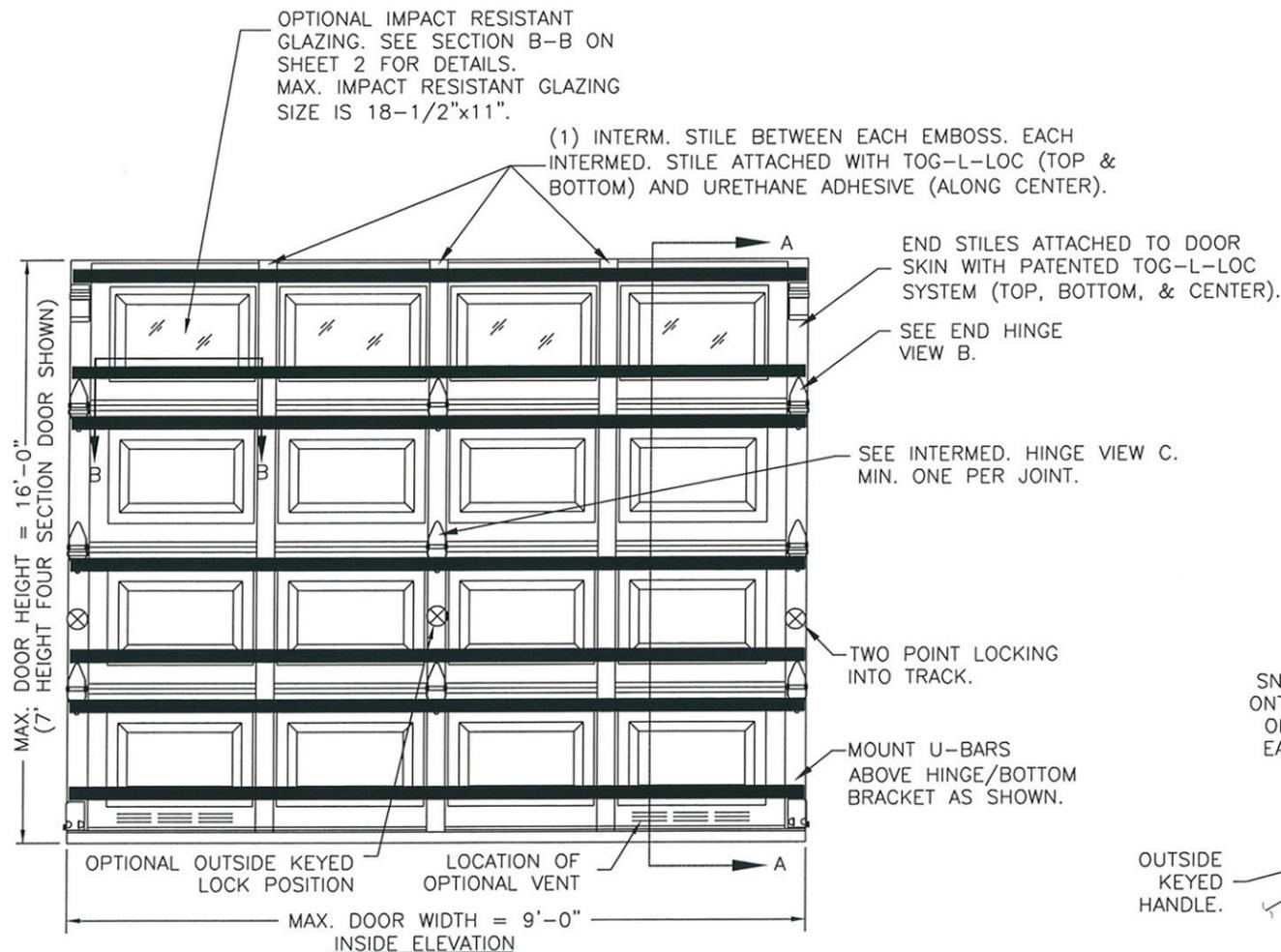
DOOR WIDTH	# OF INTERM. STILES	# OF INTERM. HINGES
4'2" TO 6'0"	1	1
6'2" TO 7'10"	2	2
8'0" TO 9'0"	3	1

DOOR HEIGHT	# OF SECTIONS	# OF U-BARS
UP TO 7'0"	4	7
7'3" TO 8'9"	5	9
9'0" TO 10'6"	6	11
10'9" TO 12'3"	7	13
12'6" TO 14'0"	8	15
14'3" TO 15'9"	9	17
16'0"	10	19

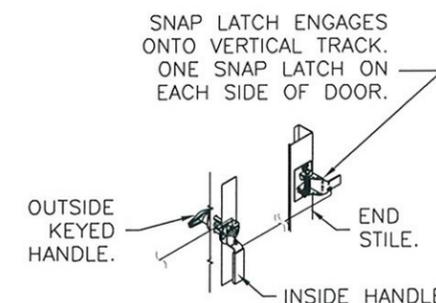
MAX SECTION HEIGHT: 21'

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.

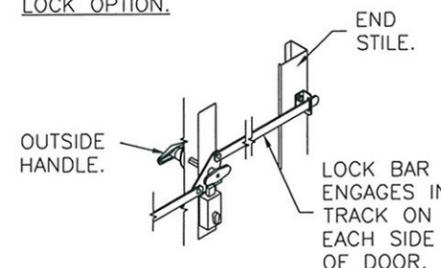
DESIGN WIND SPEED (MPH)	130	140	150
EXPOSURE CATEGORY	B, C	B, C	B
MEAN ROOF HEIGHT	25'	15'	30'



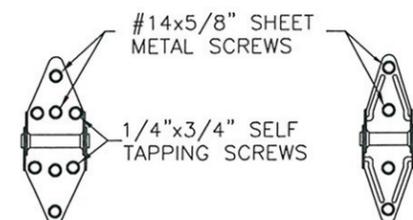
INSIDE SLIDE BOLT LOCK OPTION.



OUTSIDE KEYED LOCK WITH SNAP LATCH LOCK OPTION.



OUTSIDE KEYED LOCK WITH LOCK BAR LOCKING.



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

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

DESIGN LOADS: +42.0 P.S.F. & -48.0 P.S.F.
TEST LOADS: +63.0 P.S.F. & -72.0 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
W7 DP42

DESCRIPTION: CLASSIC AND CH RP STEEL PAN SC +42/-48 PSF

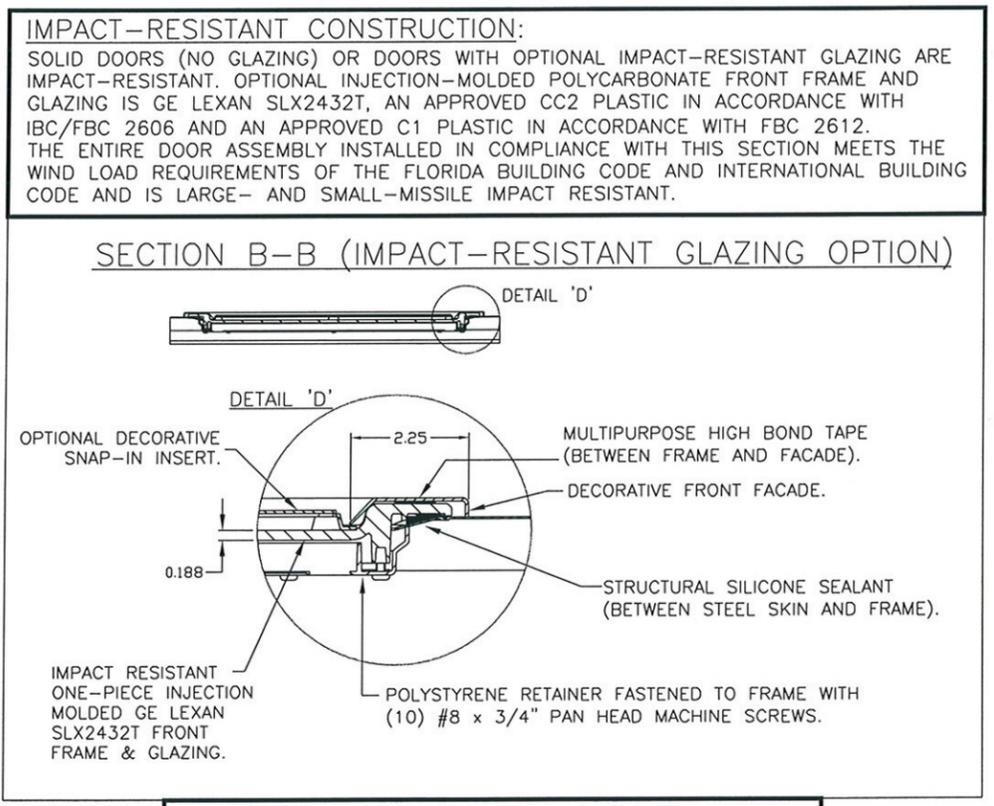
DRAWN BY: MWW	DATE: 11/18/96	SCALE: NTS	DWG. B
CHECKED BY: --	DATE: --	SHEET 1 OF 4	SIZE B
DWG. NO.: 101702	VER: TDI		

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SHEET:
2 OF 4

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



**IMPACT-RESISTANT ASSEMBLY DETAILS
DRAWING 101702**

STATE OF TEXAS

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DRAWN BY: MWW DATE: 11/18/96 SCALE: NTS DWG. B

CHECKED BY: -- DATE: -- SHEET 2 OF 4 SIZE B

DWG. NO.: 101702 VER: TDI

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PART NO.: N/A

WINDLOAD RATING
W7 DP42

4 | 3 | 2 | 1

D
C
B
A

D
C
B
A

4 | 3 | 2 | 1

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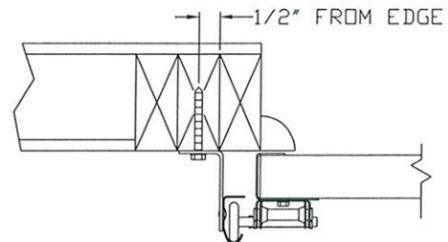
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3 OF 4

REVISIONS					DESCRIPTION
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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 22" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.

OR
1/4"x3" TAPCON SCREWS ON 19" CENTERS (2,000 PSI MIN. CONCRETE) OR 10" 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.

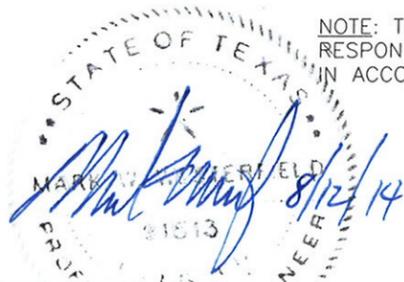
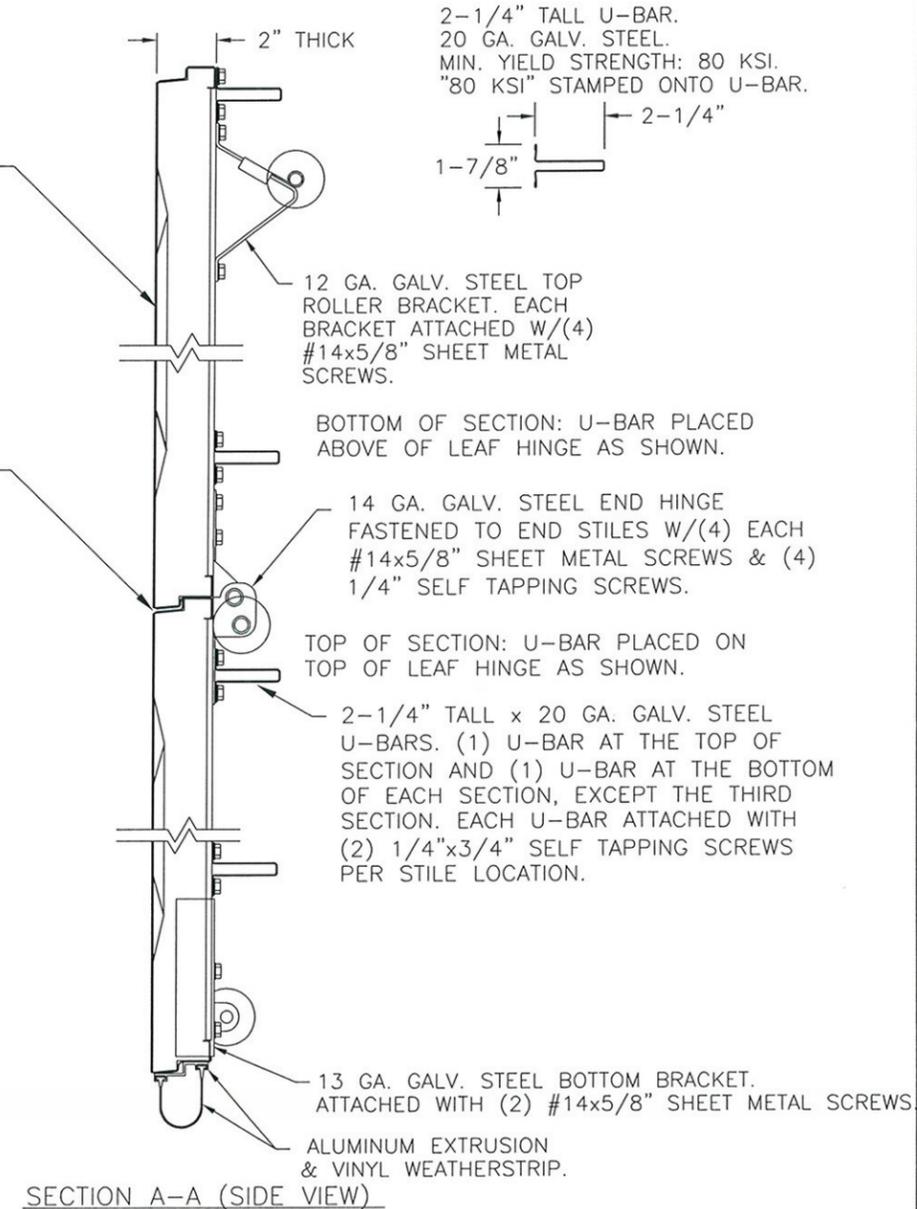
OTHER JAMB CONFIGURATIONS: REFER TO DASMA TDS-161. A LICENSED DESIGN PROFESSIONAL MAY ALSO BE EMPLOYED TO APPROVE ALTERNATE FASTENERS AND/OR JAMB CONFIGURATIONS.

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.

24 GA. MIN. G-40 GALV. STEEL SKIN WITH A BAKED-ON PRIMER AND A BAKED-ON POLYESTER TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN.

SHIP LAP JOINTS.



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W7 DP42

DESCRIPTION: CLASSIC AND CH RP STEEL PAN SC +42/-48 PSF

DRAWN BY: MWW DATE: 11/18/96 SCALE: NTS DWG. SIZE B

CHECKED BY: -- DATE: -- SHEET 3 OF 4 VER: TDI

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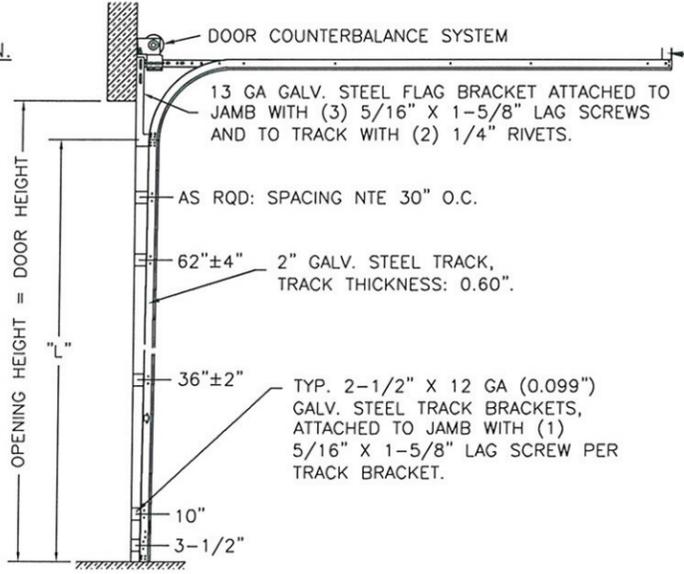
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12	-	-	-	-	SEE REVISION HISTORY ON SHEET ONE.	

D
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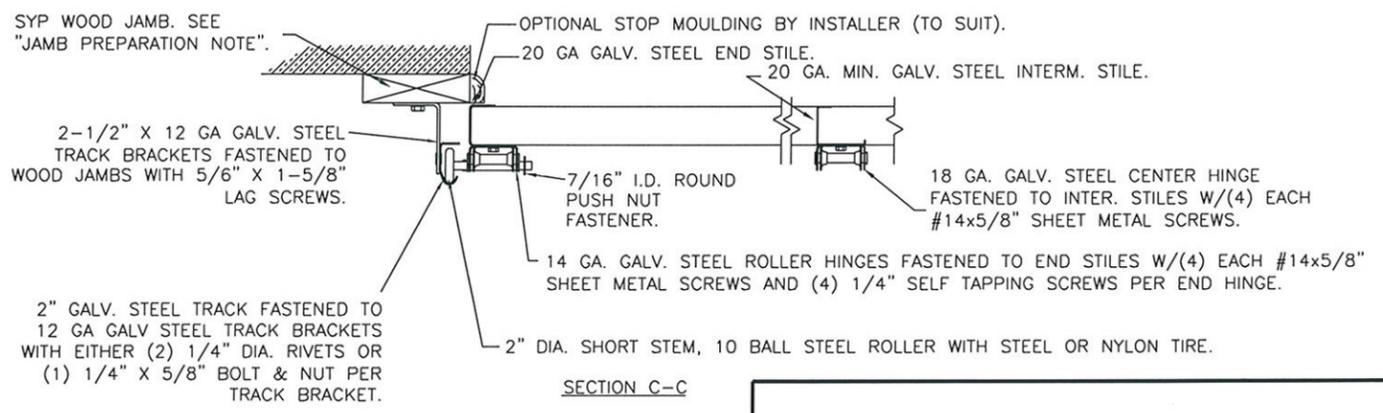
2" TRACK CONFIGURATION.



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"

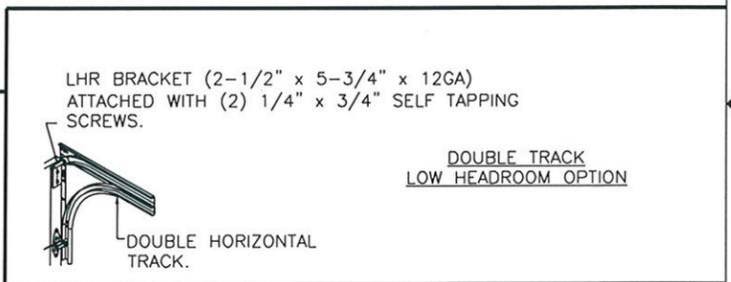
HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT).

JAMB CONFIGURATION.



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

3" TRACK IS ALSO AVAILABLE.



STATE OF TEXAS
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 8/12/14

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