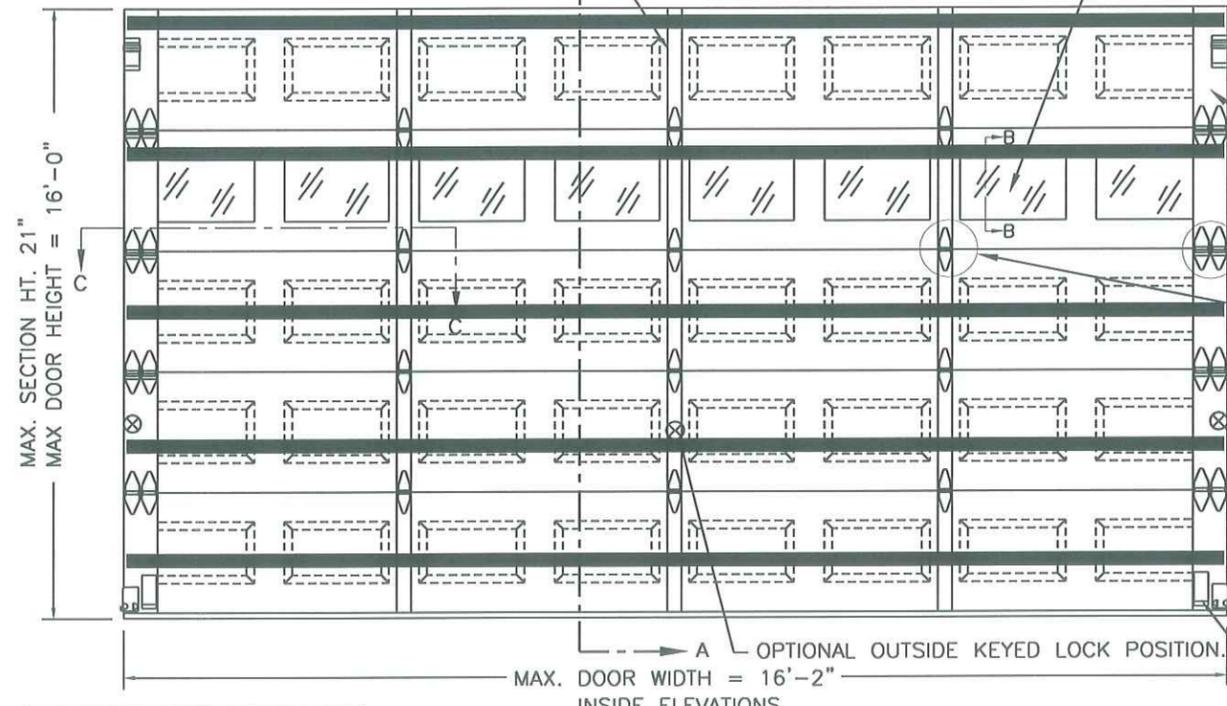


MODELS	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	66, 66G, 6200	68, 6201	67, 67G, 6203
IDEAL	SP200	SF200	SE200

SHEET:
1 OF 4

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
04	-	5/8/14	-	SH	REMOVED VENT OPTION.

(1) 20 GA. BACKER PLATE BETWEEN EACH EMBOSS LOCATION THAT CONTAINS A CENTER HINGE. ATTACHED WITH DOUBLE SIDED ACRYLIC ADHESIVE TO BACK OF DOOR.



OPTIONAL IMPACT RESISTANT GLAZING. SEE SECTION B-B ON SHEET TWO FOR DETAILS. MAX. IMPACT RESISTANT GLAZING IS 18-1/2"x11". (GLAZING SHOWN IN INTERMEDIATE SECTION.)

16 GA. DOUBLE END STILES. MAY BE NOTCHED FOR LITES.

VIEW "B" (SEE SHEET THREE).
VIEW "C" (SEE SHEET THREE).

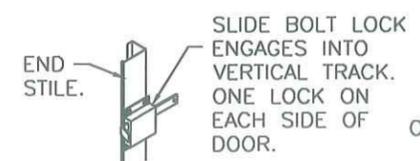
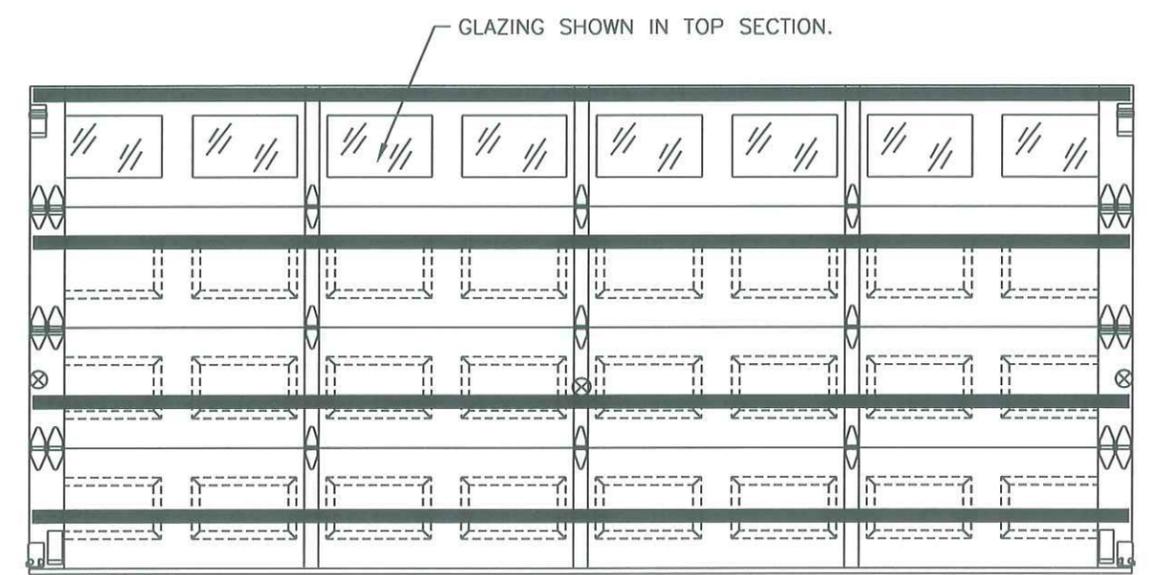
TWO POINT LOCKING INTO TRACK.

(2) LHR TOP BRACKETS USED AS INNER BOTTOM BRACKET.
(1) 3-IN ROLLER CARRIER (P/N 0120394) USED WITH 3" TRACK.

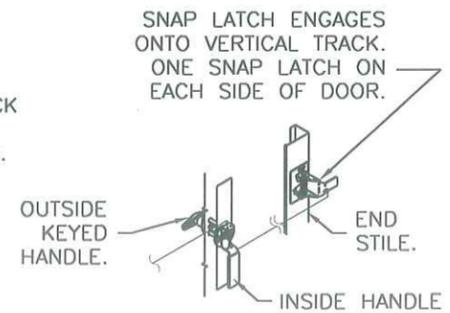
DOOR HEIGHT	# OF SECTIONS
UP TO 7'0"	4
7'3" TO 8'9"	5
9'0" TO 10'6"	6
10'9" TO 12'3"	7
12'6" TO 14'0"	8
14'3" TO 15'9"	9
16'0"	10
MAX SECTION HEIGHT: 21"	

THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE ULTIMATE 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.

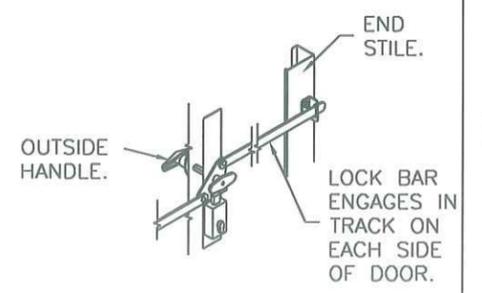
DESIGN WIND SPEED (MPH)	135	140	155
EXPOSURE CATEGORY	B, C	B, C	B
MEAN ROOF HEIGHT	25'	15'	30'



INSIDE SLIDE BOLT LOCK OPTION.



OUTSIDE KEYED LOCK WITH SNAP LATCH LOCK OPTION.



OUTSIDE KEYED LOCK WITH LOCK BAR LOCKING.

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

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
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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
DSIE-1F171

PART NO.: N/A

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 1 OF 4

DWG. NO.: 104724 VER: TDI

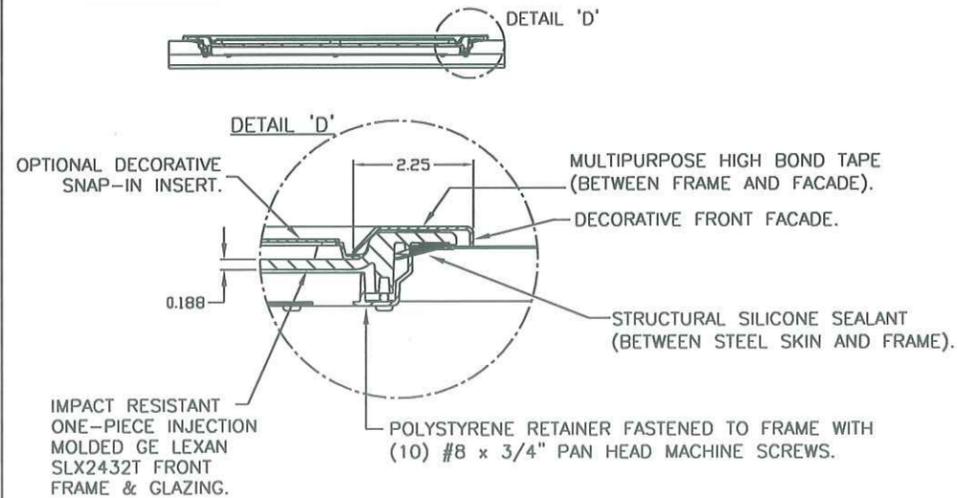
MODELS	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	66, 66G, 6200	68, 6201	67, 67G, 6203
IDEAL	SP200	SF200	SE200

SHEET:
2 OF 4

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

IMPACT-RESISTANT CONSTRUCTION:
 SOLID DOORS (NO GLAZING) OR DOORS WITH OPTIONAL IMPACT-RESISTANT GLAZING ARE IMPACT-RESISTANT. OPTIONAL IMPACT RESISTANT ASSEMBLY CONSISTS OF ALUMINUM FRONT FRAME AND GE LEXAN MR10, AN APPROVED CC1 PLASTIC IN ACCORDANCE WITH IBC 2606.
 THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION MEETS THE WIND LOAD REQUIREMENTS OF INTERNATIONAL BUILDING CODE AND IS LARGE- AND SMALL-MISSILE IMPACT RESISTANT.

SECTION B-B (IMPACT-RESISTANT GLAZING OPTION)



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

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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 2 OF 4	

DWG. NO.: 104724	VER: TDI
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MANUFACTURING PRODUCT CODE
 DSIE-1F171

PART NO.: N/A

WINDLOAD RATING
W6 DP38

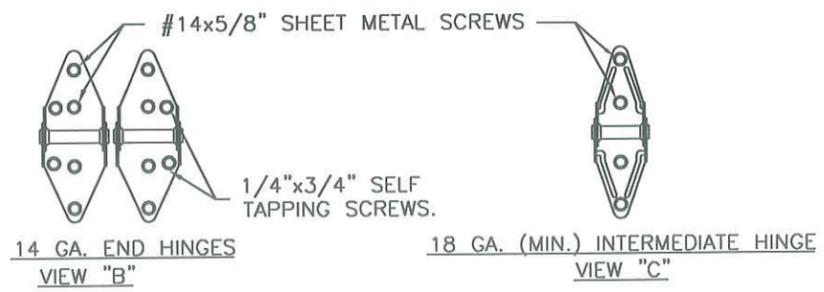
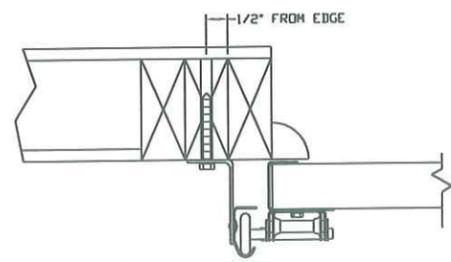
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CLOPAY	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	66, 66G, 6200	68, 6201	67, 67G, 6203
IDEAL	SP200	SF200	SE200

SHEET:
3 OF 4

REVISIONS						DESCRIPTION
REV. NO.	ZONE	DATE	ECN NO.	APPVD		
04	-	-	-	-		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.



PREPARATION OF JAMBS BY OTHERS.

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):

3/8"x3" LAG SCREWS ON 22" CENTERS. 1-1/8" 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 13" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.

OR
1/4"x3" TAPCON SCREWS ON 11" CENTERS (2,000 PSI MIN. CONCRETE) OR 6" CENTERS (C-90 BLOCK). 1" 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.

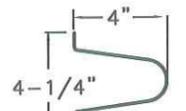
OTHER JAMB CONFIGURATIONS: REFER TO DASMA TDS-161. A LICENSED DESIGN PROFESSIONAL MAY ALSO BE EMPLOYED TO APPROVE ALTERNATE FASTENERS AND/OR JAMB CONFIGURATIONS.

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



1.95" THICK, 1# DENSITY EXPANDED POLYSTYRENE FOAM INSULATION LAMINATED TO BOTH EXTERIOR AND INTERIOR SKINS.

TONGUE AND GROOVE JOINTS.



VIEW "D"
4" TALL TAPER STRUT.
0.057" MIN. GALV. STEEL,
50 KSI. MIN.

27 GA (0.016" MIN.) EXTERIOR STEEL SKIN WITH G-40 MIN. GALV. BAKED-ON POLYESTER PAINTED TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN.

SECTION A-A (SIDE VIEW)

SILICONE FILLED CHANNEL SEPARATES FRONT AND BACK SKIN OF DOOR.

(1) 12 GA. GALV. STEEL TOP ROLLER BRACKETS (2-1/2" x 5-3/8"). EACH BRACKET ATTACHED W/(4) #14x5/8" SHEET METAL SCREWS. ADJUSTABLE SLIDE ATTACHED TO TOP BRACKET WITH (2) 1/4"x1/2" BOLTS AND NUTS PER BRACKET.

27 GA. (0.016" MIN.) INTERIOR STEEL SKIN (DRAWING QUALITY) WITH G-40 MIN. GALV., BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN.

14 GA. GALV. ROLLER HINGE. EACH HINGE FASTENED TO END STILES WITH (4) #14x5/8" SHEET METAL AND (2) 1/4"x3/4" SELF TAPPING SCREWS. SEE VIEW "B".

ONE 4" T-STRUT PER SECTION. (SEE VIEW "D") EACH T-STRUT ATTACHED AT EACH HINGE LOCATION WITH (2) 1/4"x3/4" SELF TAPPING SCREWS.

13 GA. GALV. STEEL BOTTOM BRACKET ATTACHED WITH (2) #14x5/8" SHEET METAL SCREWS.

ALUMINUM EXTRUSION & VINYL WEATHERSTRIP.

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PART NO.: N/A

WINDLOAD RATING
W6 DP38

DESCRIPTION: 2" EPS INS. DOORS TO 16'2" (SEE TABLE FOR MODELS)

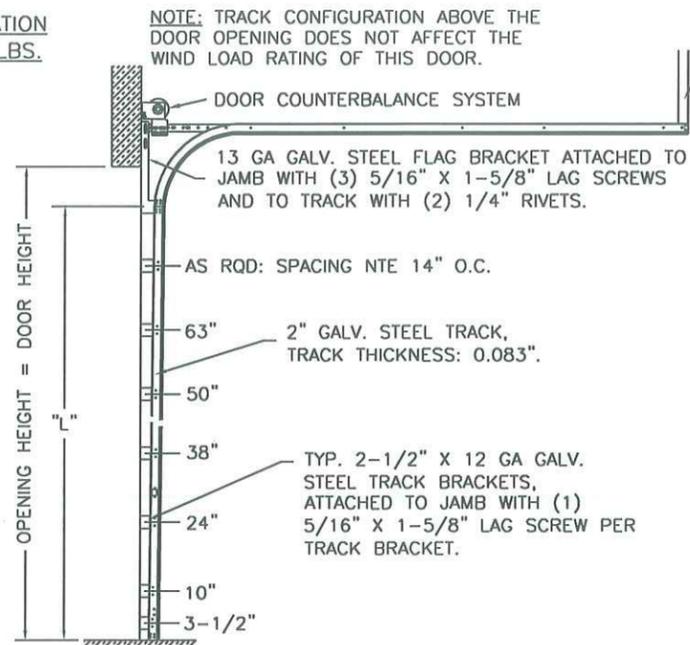
DRAWN BY: SH	DATE: 9/28/12	SCALE: NTS	DWG. B
CHECKED BY: SH	DATE: 10/12/12	SHEET 3 OF 4	SIZE B

DWG. NO.: 104724
VER: TDI

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

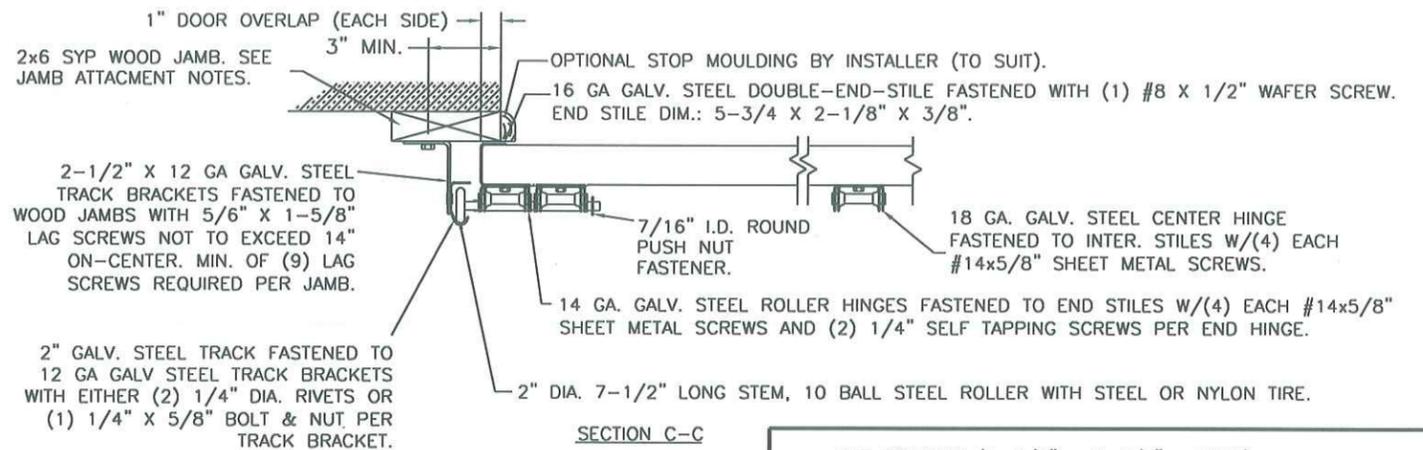
**2" TRACK CONFIGURATION
DOORS UP TO 800 LBS.**



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.**



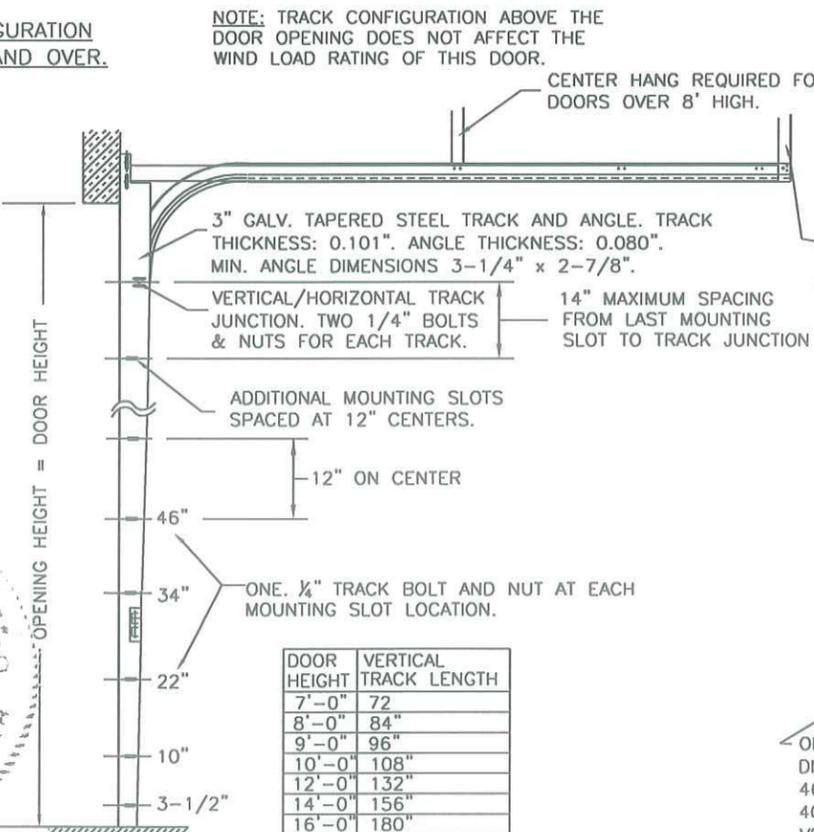
**SECTION C-C
PREPARATION OF JAMBS BY OTHERS.**

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.

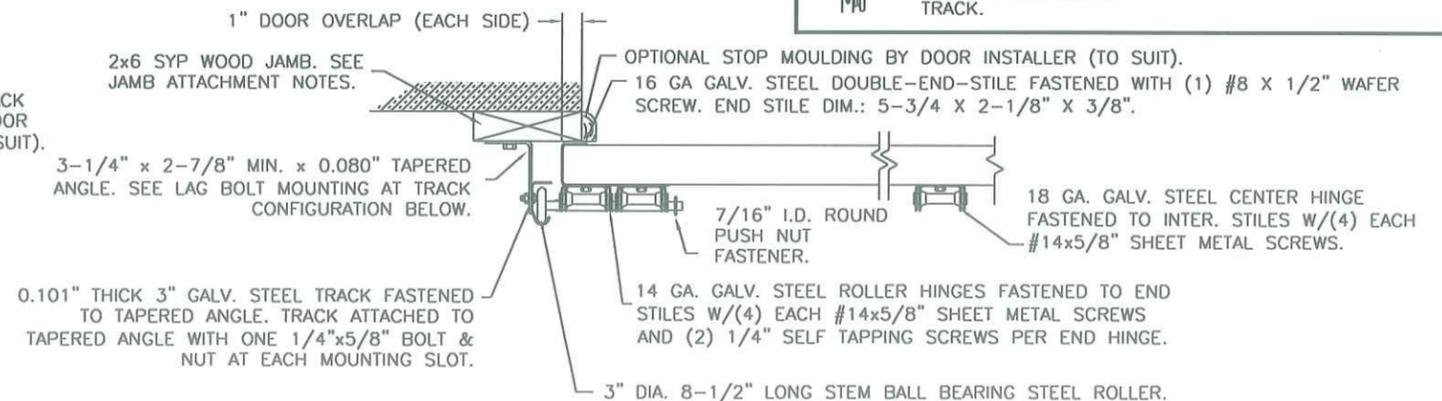
**DOUBLE TRACK
LOW HEADROOM OPTION**
(AVAIL. FOR BOTH 2" AND 3" TRACK)



**3" TRACK CONFIGURATION
DOORS 800 LBS AND OVER.**



**JAMB CONFIGURATION
DOORS 800 LBS AND OVER.**



**SECTION C-C
PREPARATION OF JAMBS BY OTHERS.**

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

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

DWG. NO.: 104724 VER: TDI

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