

MODELS	24 GA SHORT	27 GA SHORT	27 GA FLUSH	27 GA LONG
CLOPAY	4400, 4401	4300, HDG	4301, HDGF	4310, HDGL
HOLMES	--	66, 66G, 6200	68, 6201	67, 67G, 6203
IDEAL	--	SP200	SF200	SE200

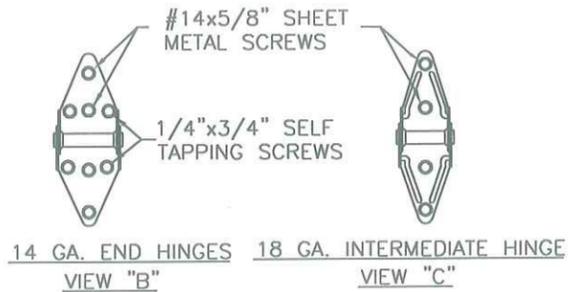
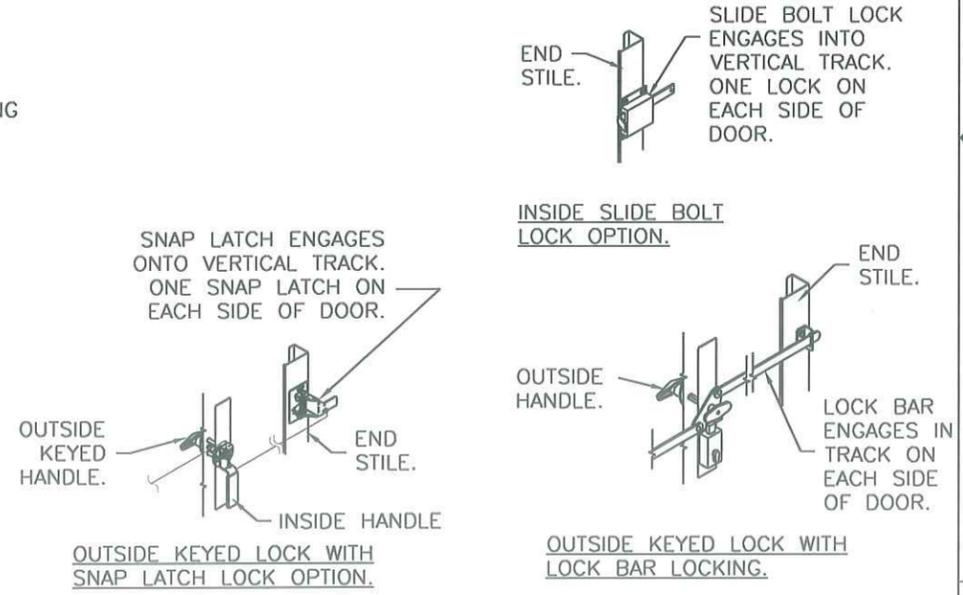
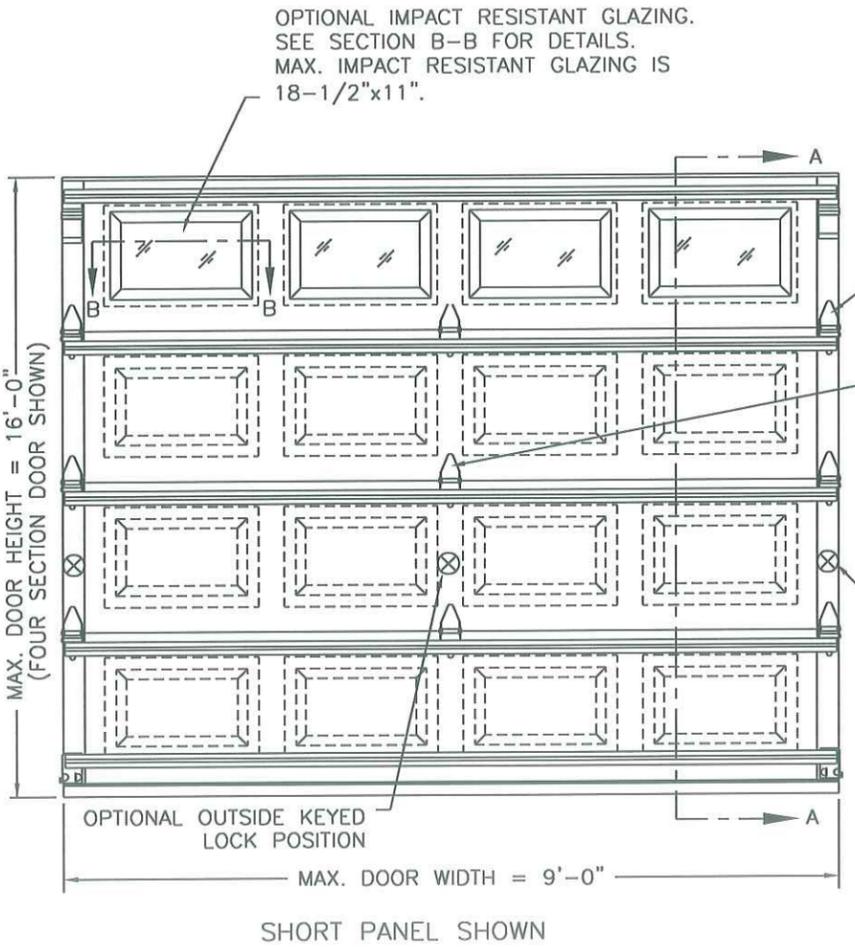
SHEET:
1 OF 4

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
19	-	5/8/14	-	SH	REMOVED VENT OPTION.

DOOR HEIGHT	# OF SECTIONS	# OF U-BARS
UP TO 7'0"	4	5
7'3" TO 8'9"	5	6
9'0" TO 10'6"	6	7
10'9" TO 12'3"	7	8
12'6" TO 14'0"	8	9
14'3" TO 15'9"	9	10
16'0"	10	11
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)	130	140	150
EXPOSURE CATEGORY	B, C	B, C	B
MEAN ROOF HEIGHT	25'	15'	30'



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

DESIGN LOADS: +38.0 P.S.F. & -44.0 P.S.F.
TEST LOADS: +57.0 P.S.F. & -66.0 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
DSIE-1F171

PART NO.: N/A

WINDLOAD RATING
W6 DP38

DESCRIPTION: CLASSIC 2" EPS SINGLE CAR +38/-44 PSF			
DRAWN BY: MW	DATE: 9/7/95	SCALE: NTS	DWG. SIZE B
CHECKED BY: --	DATE: --	SHEET 1 OF 4	
DWG. NO.: 101526	VER: TDI		

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SHEET:
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REVISIONS					
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19	-	-	-	SH	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)

DETAIL 'D'

OPTIONAL DECORATIVE SNAP-IN INSERT.

2.25

MULTIPURPOSE HIGH BOND TAPE (BETWEEN FRAME AND FACADE).

DECORATIVE FRONT FACADE.

0.188

STRUCTURAL SILICONE SEALANT (BETWEEN STEEL SKIN AND FRAME).

IMPACT RESISTANT ONE-PIECE INJECTION MOLDED GE LEXAN SLX2432T FRONT FRAME & GLAZING.

POLYSTYRENE RETAINER FASTENED TO FRAME WITH (10) #8 x 3/4" PAN HEAD MACHINE SCREWS.



DESIGN ENGINEER:
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SCALE: NTS
 SHEET 2 OF 4
 DWG. SIZE **B**

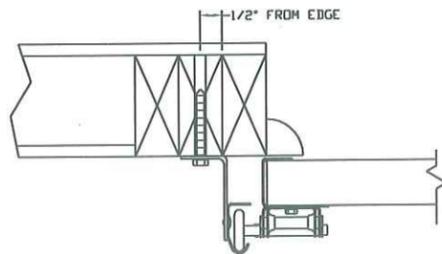
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REVISIONS					DESCRIPTION
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IN THE CASE OF GYPSUM WALLBOARD LOCATED AT OR NEAR THE DOOR OPENING LOCATION THERE ARE TWO ACCEPTABLE ALTERNATIVES:

- 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.



PREPARATION OF JAMBS BY OTHERS.

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):

3/8"x3" LAG SCREWS ON 24" 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):

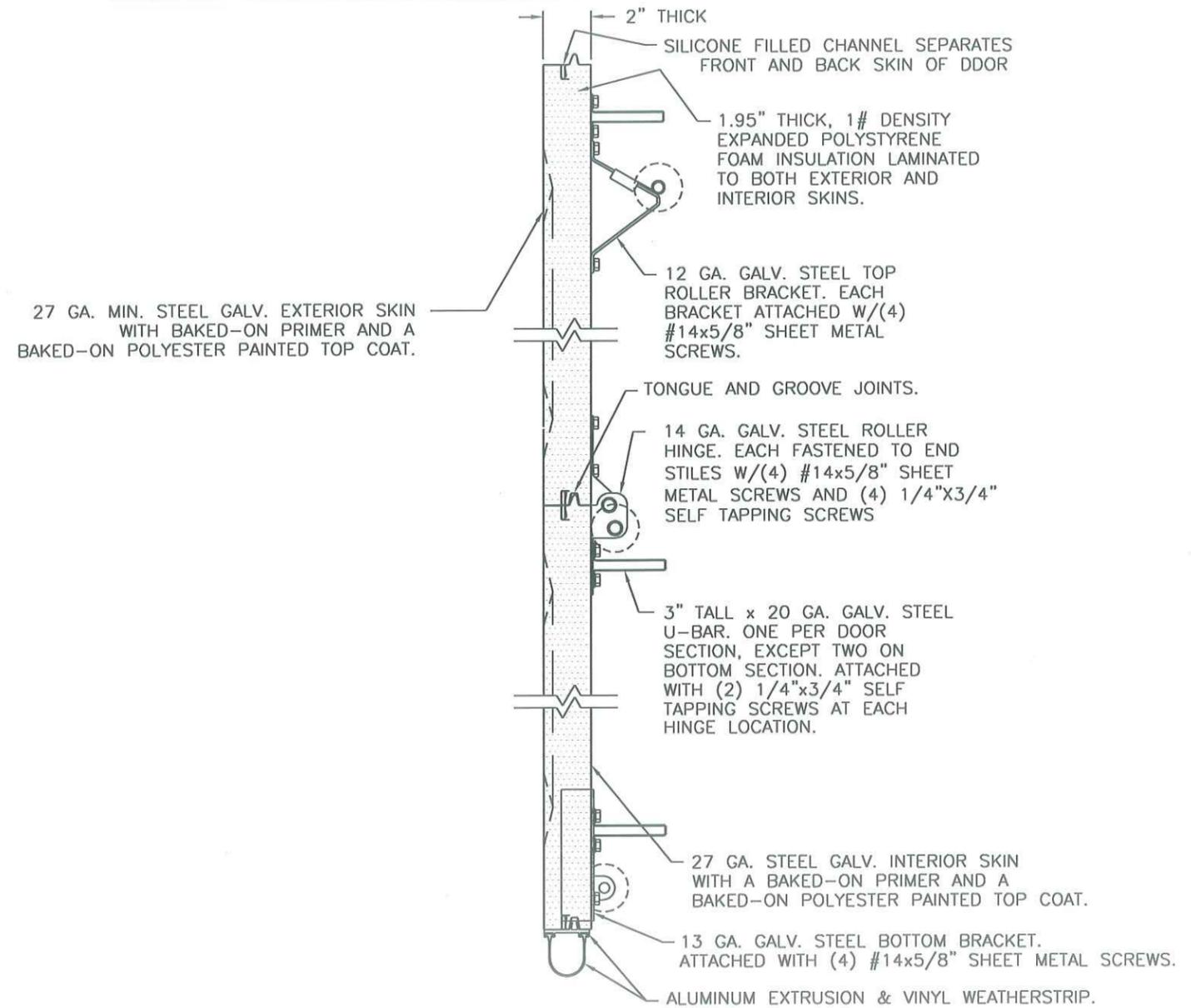
3/8"x3" SLEEVE ANCHOR BOLTS ON 22" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.

OR
1/4"x3" TAPCON SCREWS ON 19" CENTERS (2,000 PSI MIN. CONCRETE) OR 10" CENTERS (C-90 BLOCK); 1" 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:
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SECTION A-A (SIDE VIEW)

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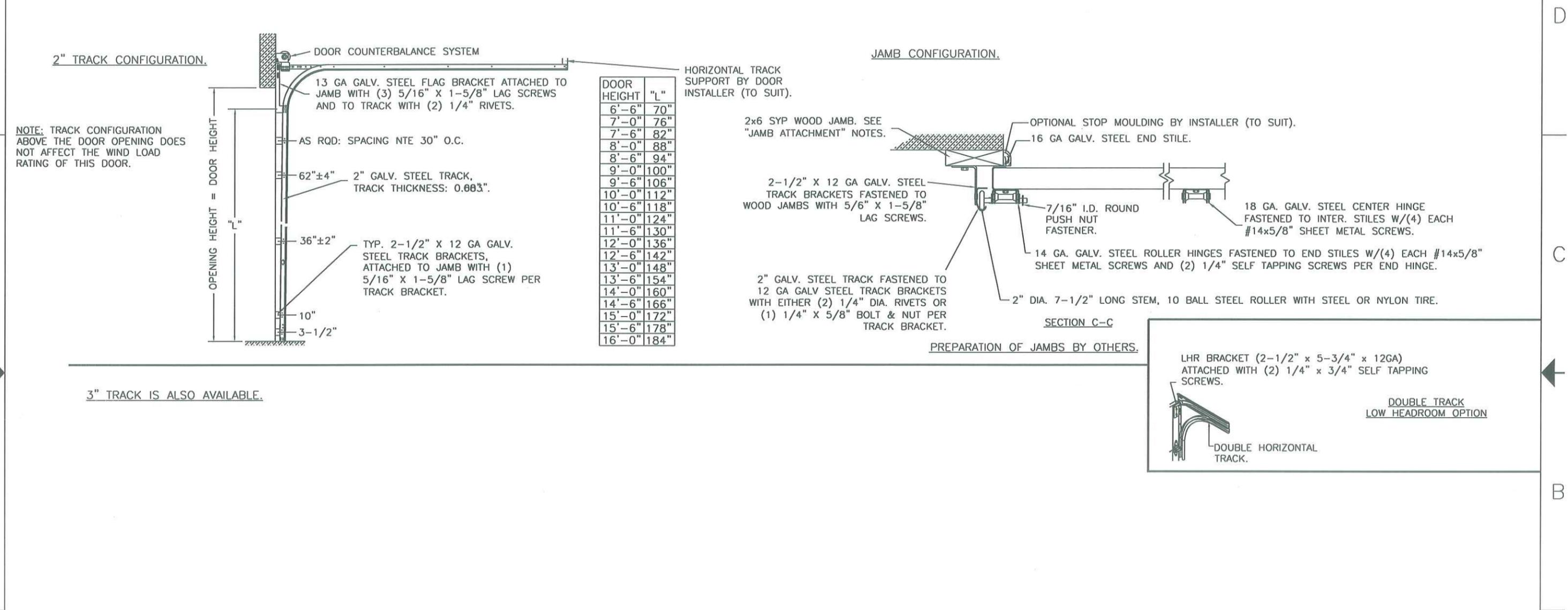
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DRAWN BY: MW	DATE: --	SHEET 3 OF 4	SIZE B
CHECKED BY: --	DATE: --	VER: TDI	
DWG. NO.: 101526			

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REVISIONS					DESCRIPTION
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STATE OF TEXAS
 MARK W. WESTERFIELD
 PROFESSIONAL ENGINEER
 LICENSE NO. 5124

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 FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513

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DWG. NO.: 101526	VER: TD!		