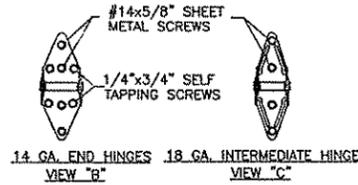


MODELS	24 GA	24 GA INS	25 GA	25 GA INS
CLOPAY	84A, 94	---	73, 75	1500, 190
IDEAL	4RST, 4F	4RSF	6RST	6RSF
HOLMES	48, 48B	---	42, 42B	55, 55S

SHORT PANEL

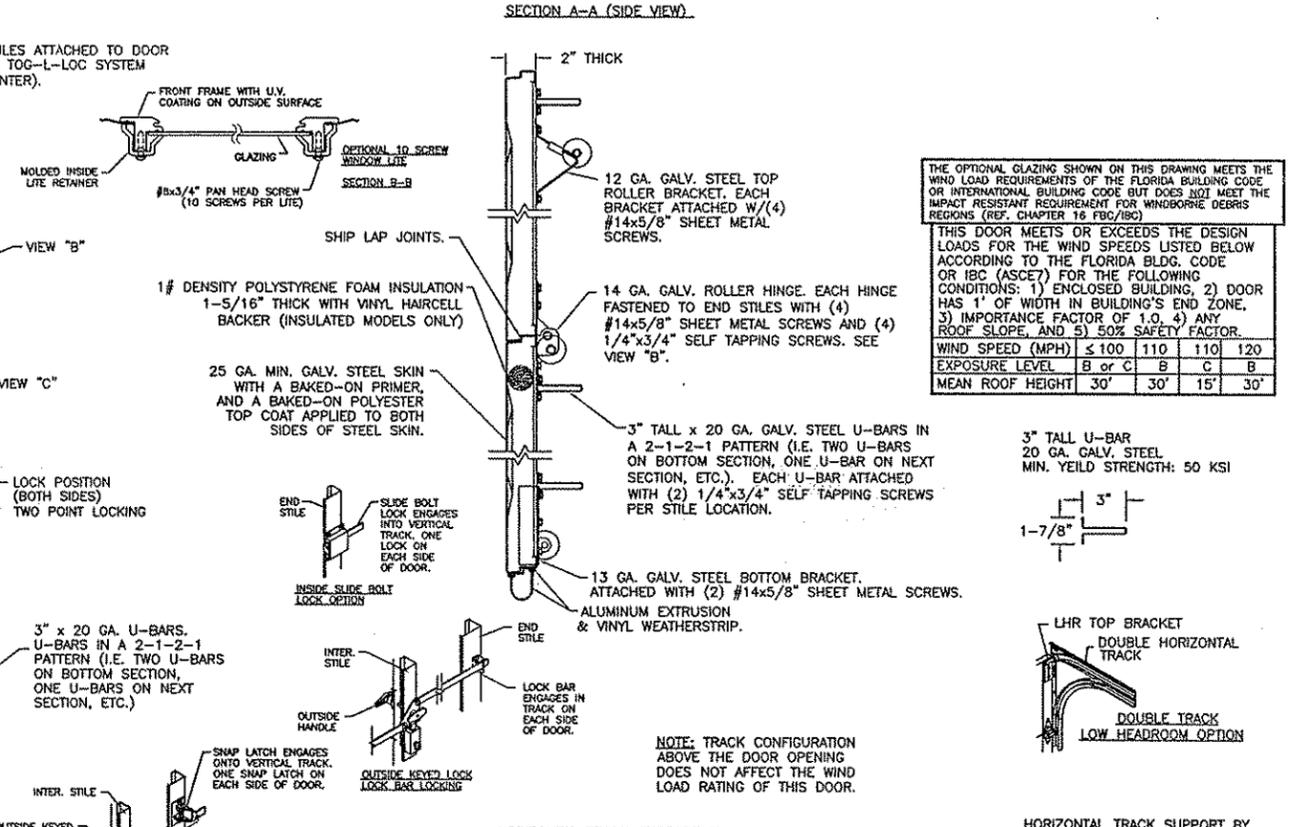
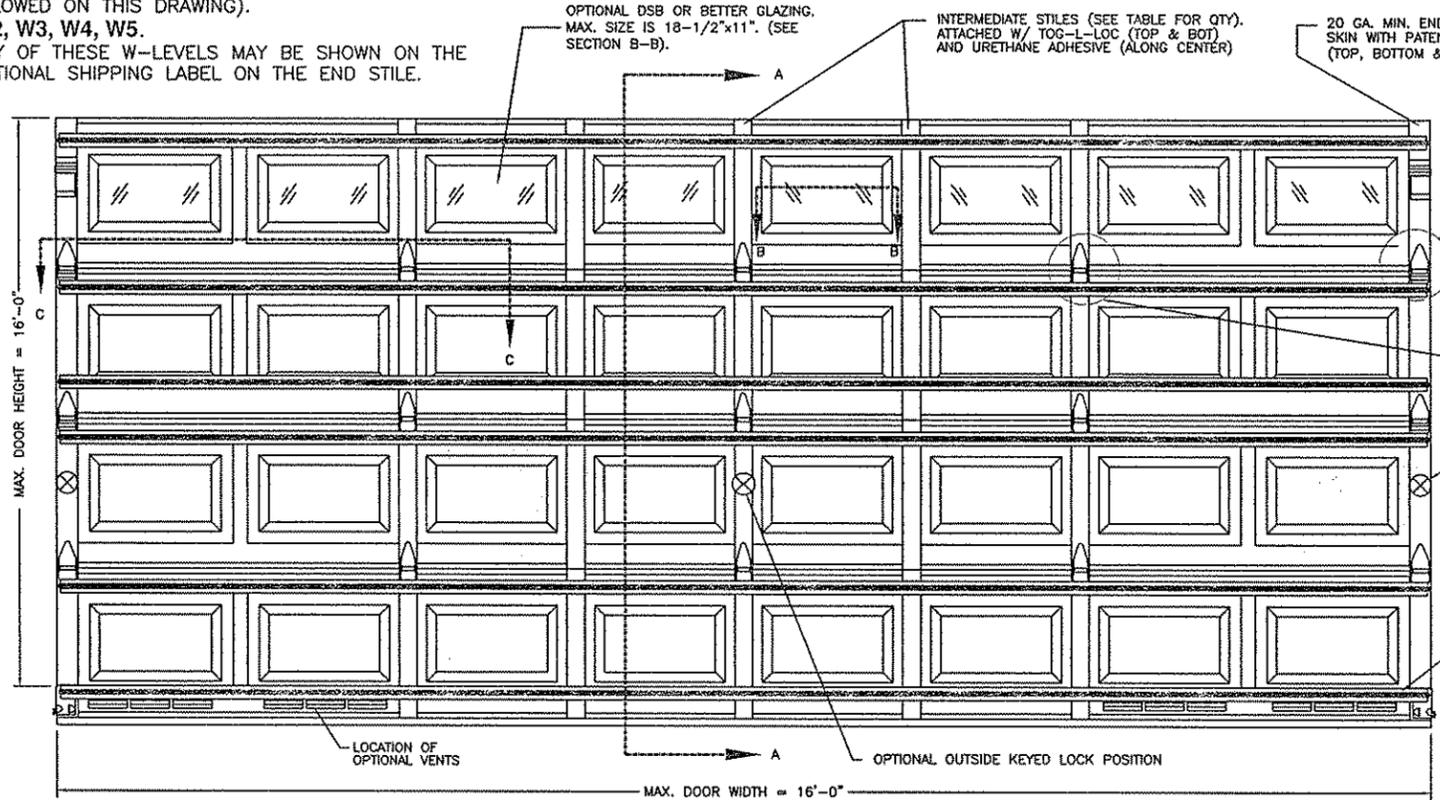
DOOR HEIGHT	# OF SECTIONS	# OF U-BARS	DOOR WIDTH	# OF INTERN. STILES
UP TO 7'0"	4	6	9'2" TO 9'10"	1
7'3" TO 8'9"	5	8	10'0" TO 11'10"	2
9'0" TO 10'6"	6	9	12'0" TO 13'10"	3
10'9" TO 12'3"	7	11	14'0" TO 15'10"	4
12'6" TO 14'0"	8	12	16'0"	5
14'3" TO 15'9"	9	14		
16'0"	10	15		

MAX SECTION HEIGHT: 21'



REV	DATE	DESCRIPTION
07	09/26/05	ADDED ROLLER OPTION
08	06/15/06	UPDATED STRUT ATTACHMENT
09	11/30/07	ADDED EXTENDED HEIGHTS, COMBINED CLOPAY, HOLMES, AND IDEAL M/N
10	08/08/08	ADDED M/N 42B, 48B, 55S
11	10/21/08	ADDED M/N 4F
12	8/2009	REVISED FOR TDI

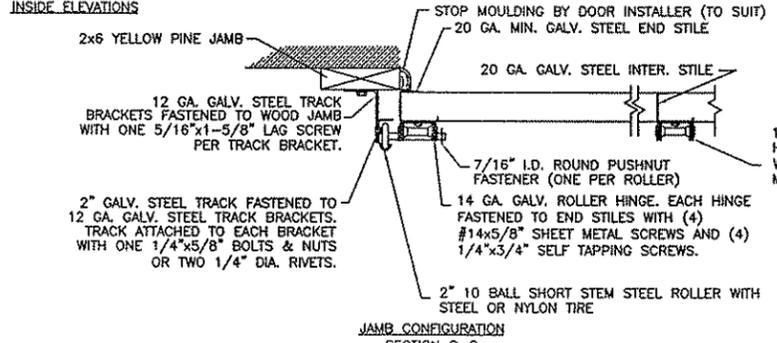
EQUIVALENT SECTION CONSTRUCTION: FOR ANY OF THE MODELS LISTED ON THIS DRAWING, THE FOLLOWING W-LEVEL DOORS USE EQUIVALENT SECTIONS (FROM 9'2" UP TO THE MAXIMUM WIDTH ALLOWED ON THIS DRAWING). W2, W3, W4, W5. ANY OF THESE W-LEVELS MAY BE SHOWN ON THE OPTIONAL SHIPPING LABEL ON THE END STILE.



THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (REF. CHAPTER 16 FBC/IBC). THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE FLORIDA BLDG. CODE OR IBC (ASCE7) FOR THE FOLLOWING CONDITIONS: 1) ENCLOSED BUILDING, 2) DOOR HAS 1' OF WIDTH IN BUILDING'S END ZONE, 3) IMPORTANCE FACTOR OF 1.0, 4) ANY ROOF SLOPE, AND 5) 50% SAFETY FACTOR.

WIND SPEED (MPH)	≤ 100	110	110	120
EXPOSURE LEVEL	B or C	B	C	B
MEAN ROOF HEIGHT	30'	30'	15'	30'

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" O.D. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE. HORIZONTAL JAMBS DO NOT TRANSFER LOAD.

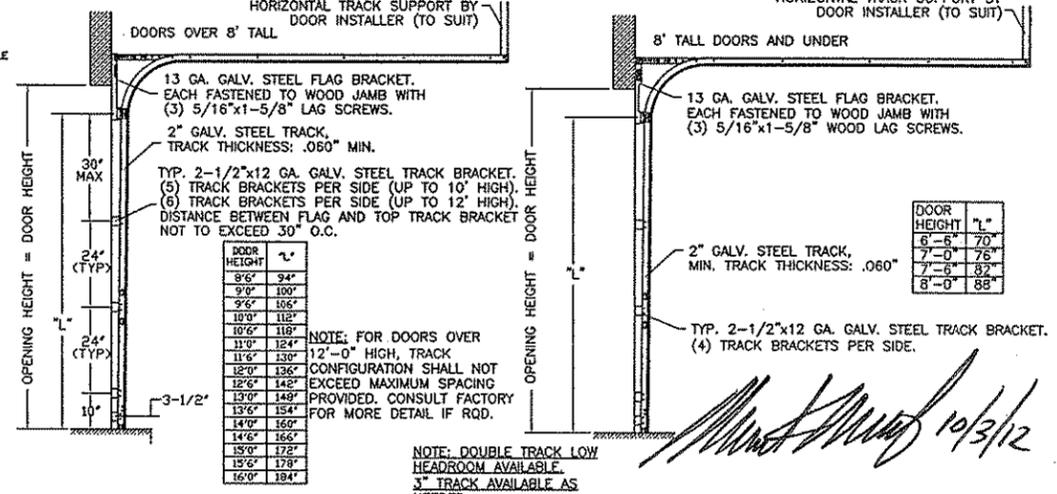
VERTICAL JAMB ATTACHMENT (C-90 BLOCK OR 2,000 PSI MIN. CONCRETE COLUMN):
 3/8"x3" SLEEVE ANCHOR BOLTS ON 20" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.
 OR
 1/4"x3" TAPCON SCREWS ON 17" CENTERS (2,000 PSI MIN. CONCRETE) OR 9" CENTERS (C-90 BLOCK), 1" O.D. WASHERS REQUIRED 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.

PREPARATION OF JAMBS BY OTHERS:

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.

ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSS).
 DESIGN ENGINEER: MARK WESTERFIELD, P.E.
 FLORIDA P.E. #48495,
 NC P.E. #23832,
 TEXAS P.E. #91513



DOOR HEIGHT	1"
8'-0"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"

NOTE: FOR DOORS OVER 12'-0" HIGH, TRACK CONFIGURATION SHALL NOT EXCEED MAXIMUM SPACING PROVIDED. CONSULT FACTORY FOR MORE DETAIL IF RQD.

NOTE: DOUBLE TRACK LOW HEADROOM AVAILABLE.
 3" TRACK AVAILABLE AS NEEDED.

DESIGN LOADS: +24.0 PSF & -24.5 PSF
 TEST LOADS: +36.0 PSF & -37.0 PSF

8585 DUKE BLVD.
MASON, OH 45040
(513) 770-4800

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MANUFACTURING PRODUCT CODE: MPC: PAN-2F153	WINDLOAD RATING W4	MAX. DOOR SIZE: 16'0"W x 16'0"H
DATE: 1/3/97	DESCRIPTION: M/N 73/75/84A/94 16'W +24/-24.5 PSF DES.	
DRAWN BY: JAC	DRAWING NUMBER: B 101711	VER: TDI
CHECKED BY: MWW		