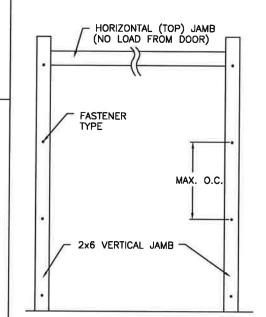


MODELS AVAILABLE (CLOPAY/ HOLMES/ IDEAL) MODELS 524, 520/ 224/ C4ST, COST INSULATED MODELS 524S, 520S, 524V/ 224S/ C4SS, C0SS, C4SV SHEET **REVISIONS** 3 OF 4 REV. NO. ZONE: DATE: ECN NO. APPVD: DESCRIPTION 10 SEE REVISION HISTORY ON SHEET ONE.



В

JAMB TO SUPPORTING STRUCTURE ATTACHMENT

1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.

2. EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +185 LB & -220 LB. PER LINEAR

3. ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.

4. A 1/3 STRESS INCREASE FOR WIND LOAD WAS NOT USED IN THE CALCULATION OF ALLOWABLE

LOADS FOR ANCHORS AND FASTENERS FOR STEEL, CONCRETE AND MASONRY.

 ${\color{red} {NOTE:}}$ 2x6 WOOD JAMBS ARE NOT REQUIRED WITH CONTINUOUS ANGLE MOUNT TRACK. HOWEVER, IF DESIRED ON STEEL JAMBS OR CONCRETE OR BLOCK WALLS, APPROVED FASTENERS AS DETAILED BELOW SHOULD BE INCREASED IN LENGTH BY 1-1/2" AND INSTALLED DIRECTLY THROUGH THE ANGLE AND 2x6 WOOD JAMBS INTO THE STEEL JAMBS OR CONCRETE OR BLOCK WALLS. ANCHORS CAN BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE. CONTINUOUS ANGLE TRACK CAN BE ANCHORED DIRECTLY TO GROUT REINFORCED BLOCK WALL OR 3,000 PSI MIN. CONCRETE COLUMN OR STEEL JAMBS.

ADJUSTABLE TOP ROLLER BRACKET OF 12 GA. GALV. STEEL, INSTALLED SECTIONS ARE 1-7/8' THICK ON DOOR WITH (4) #14 X 5/8" LG PANELS ROLL FORMED OF .022' MIN. HOT DIPPED G-40 SHEET METAL SCRÉWS GALVANIZING, ROLL FORMED STFFL. END HINGE, SEE DETAILS TONGUE & GROOVE JOINT .-AT VIEW "B" ON SHEET 1. VIEW "E' 3" TALL 50 KSI U-BAR 20 GA. GALV. STEEL. 3" x 20GA. STEEL U-BARS IN A 2-1-2-1 PATTERN, STARTING WITH THE BOTTOM SECTION. ATTACHED WITH (2) 1/4"x3/4" SELF-TAPPING SCREWS PER HINGE LOCATION. (SEE VIEW "E") (2) STACKED LHR BRACKETS USED AS INNER BOTTOM BRACKET (NOT SHOWN). BOTTOM SECTION REINFORCED BOTTOM ROLLER BRACKET OF 12 GA. WITH TEMPERED ALUMINUM EXTRUSION WITH INTEGRAL MIN. GALV. STEEL, FASTENED WITH RETAINER FOR FLEXIBLE VINYL-(4) #14 X 5/8" LG SHT. MTL. SECTION A-A (SIDE VIEW)

DESIGN LOADS: +37.0 P.S.F. & -44.0 P.S.F. TEST LOADS: +55.5 P.S.F. & -66.0 P.S.F.

Unless Stated Otherwise
DIMENSIONS ARE IN INCHES, DWG, NO.: 102445 - A/B

Globay

CORPORATION

DRAWN BY: SH

CHECKED BY: SH

Unless Stated Otherwise

TOLERANCES are

 $.0 = \pm .031$ $.00 = \pm .015$

 $.000 = \pm .005$

 $.0000 = \pm .001$

Degrees = $\pm 1/2^{\circ}$

FASTENER ATTACHMENT TO SUPPORTING STRUCTURE SCHEDULES

		MAXIMUM ON-CENTER	
		DISTANCE	STEEL
BUILDING TYPE	FACTENED, TYPE		WASHERS
BUILDING TTPE	FASTENER TYPE	FASTENERS"	REQUIRED?
HOLLOW BLOCK WALL	1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	9"	1" O.D.
GROUT FILLED BLOCK WALL	1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	14-3/4"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED ULTRACON CONCRETE ANCHOR	12-3/4"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED TAPCON CONCRETE ANCHOR	11"	1" O.D.
2000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	24"	INCLUDED
4000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR		INCLUDED
WOOD FRAME (SYP 0.55 SG)	1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE	24"	1" O.D.
14GA STEEL (0.060" MIN.)	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	12-1/4"	1" O.D.
12GA STEEL (0.105" MIN.)	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	21-1/2"	1" O.D.
1/8" STEEL	1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER	24"	1" O.D.
* FIRST (BOTTOM) ANCHOR	STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE, HIGHEST AND	CHOR INSTALL	FD

AT LEAST AS HIGH AS THE DOOR OPENING. CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.

MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.

DESIGN ENGINEER MINIMUM DISTANCE BETWEEN MARK WESTERFIELD, P.E. #23832, TEXAS P.E. #91513

PART NO.: N/A WINDLOAD RATING 6 DESCRIPTION: COMMERCIAL RIBBED DOORS UP TO 10'2"W (SEE TABLE)

MANUFACTURING PRODUCT CODE C-PAN-1E448

DATE: 1/10/14 | SCALE: NTS SCALE: NTS DWG. BIZE DATE: 1/10/14

VFR: TDI

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