

SHEET

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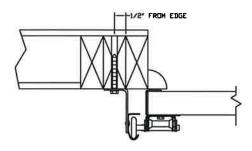
**REVISIONS** ECN NO. APPVD: DESCRIPTION REV. NO. ZONE: DATE:

SEE REVISION HISTORY ON SHEET ONE.

EMBOSS TYPE BRAND SHORT LDNG FLUSH CLOPAY 9130, HDP13 9133, HDPL13 9131, HDPF13 **IDEAL** 8130 8133 HDLMES 7130 7133 7131

> 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 17" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.

1/4"x3" TAPCON SCREWS ON 14" CENTERS (2,000 PSI MIN. CONCRETE) OR 8" CENTERS (C-90 BLOCK), 1" O.D. WASHERS REQUIRED WITH TAPCONS. SURFACE HORIZONTAL JAMBS DO NOT TRANSFER LOAD. TANCHORS MAY BE COUNTERSUNK (BUT NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING

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

DESIGN ENGINEER O MARK WESTERFIELD, P.E.

В

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

- 1-3/8" THICK URETHANE CORE DENSITY 2.4 P.C.F. 12 GA. GALV. STEEL TOP ROLLER BRACKET. EACH BRACKET ATTACHED W/(4) #14x5/8" SHEET METAL 27 GA. MIN. STEEL GALV. EXTERIOR SKIN SCREWS. WITH BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT. TONGUE AND GROOVE JOINTS. 14 GA. GALV. STEEL ROLLER HINGE. EACH FASTENED TO END STILES W/(4) #14x5/8" SHEET METAL SCREWS AND (4) 1/4"X3/4" SELF TAPPING SCREWS 3" TALL x 20 GA. GALV. STEEL U-BARS. TWO U-BARS PER SECTION: ONE AT THE TOP AND BOTTOM OF EACH SECTION ON THE HINGE LEAF AS SHOWN. EACH U-BAR ATTACHED WITH (2) 1/4"x3/4" SELF TAPPING SCREWS AT EACH HINGE LOCATION AND (4) ADDITIONAL SMS AS NOTED ON SHEET 1. 27 GA. STEEL GALV. INTERIOR SKIN WITH A BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT. 13 GA. GALV. STEEL BOTTOM BRACKET. ATTACHED WITH (4) #14x5/B" SHEET METAL SCREWS. ALUMINUM EXTRUSION & VINYL WEATHERSTRIP. SECTION A-A (SIDE VIEW) MANUFACTURING PRODUCT CODE DSIU-1A171 DESIGN LOADS: +32.0 P.S.F. & -32.0 P.S.F. TEST LOADS: +48.0 P.S.F. & -48.0 P.S.F. PART NO.: N/A 8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853 WINDLOAD RATING Unless Stated Otherwise Liopay TOLERANCES are CORPORATION  $.0 = \pm .031$ DESCRIPTION: CLASSIC 1-3/8" INTELLICORE DC ±32 PSF  $.00 = \pm .015$  $.000 = \pm .005$ DATE: 5/25/09 | SCALE: NTS

DRAWN BY: SH

CHECKED BY: --

 $.0000 = \pm .001$ 

Unless Stated Otherwise
DIMENSIONS ARE IN INCHES. DWG. NO.: 104191

Degrees =  $\pm 1/2$ 

DATE: --

В

DWG. T

SHEET 3 OF 4 SIZE D

VER: TDI

