

CLOPAY COACHMAN SERIES: CPnn, HPnn, CGnn, CXnn

HOLMES SETTLERS SERIES: SXnn

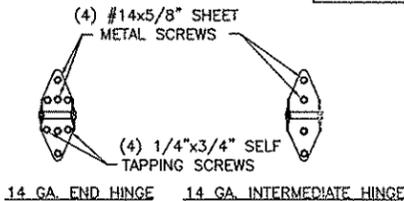
IDEAL AFFINITY SERIES: AGnn

NOTE: "nn" REPRESENTS THE ARRANGEMENT OF THE DECORATIVE OVERLAYS. THE FIRST DIGIT WILL HAVE A VALUE FROM 1 TO 4 AND THE SECOND DIGIT WILL HAVE A VALUE FROM 1 TO 5.

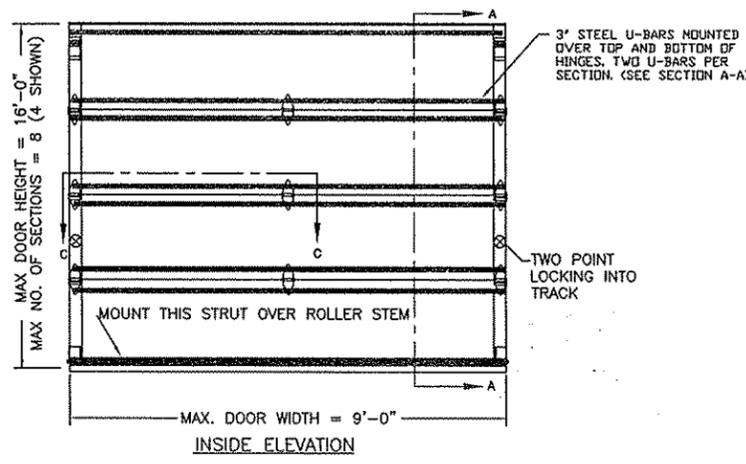
THIS DOOR MEETS THE REQUIREMENTS OF THE LARGE MISSILE IMPACT AND CYCLIC TESTING.

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 2' 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) | ≤ 140 | 150 | 150 |
| EXPOSURE LEVEL | B or C | B | C |
| MEAN ROOF HEIGHT | 30' | 30' | 25' |

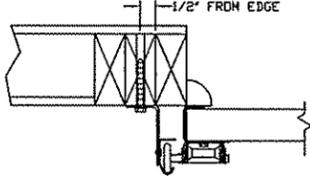


| REVISIONS | | | | | |
|-----------|-------|----------|---------|--------|------------------|
| REV. NO. | ZONE: | DATE: | ECN NO. | APPVD: | DESCRIPTION |
| 00 | - | 02/2006 | - | - | INITIAL RELEASE |
| 01 | - | 12/10/08 | - | - | MAX HT WAS 12-0. |
| 02 | - | 08/21/12 | - | - | REVISED FOR TDI. |



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 1/8" 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.



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.

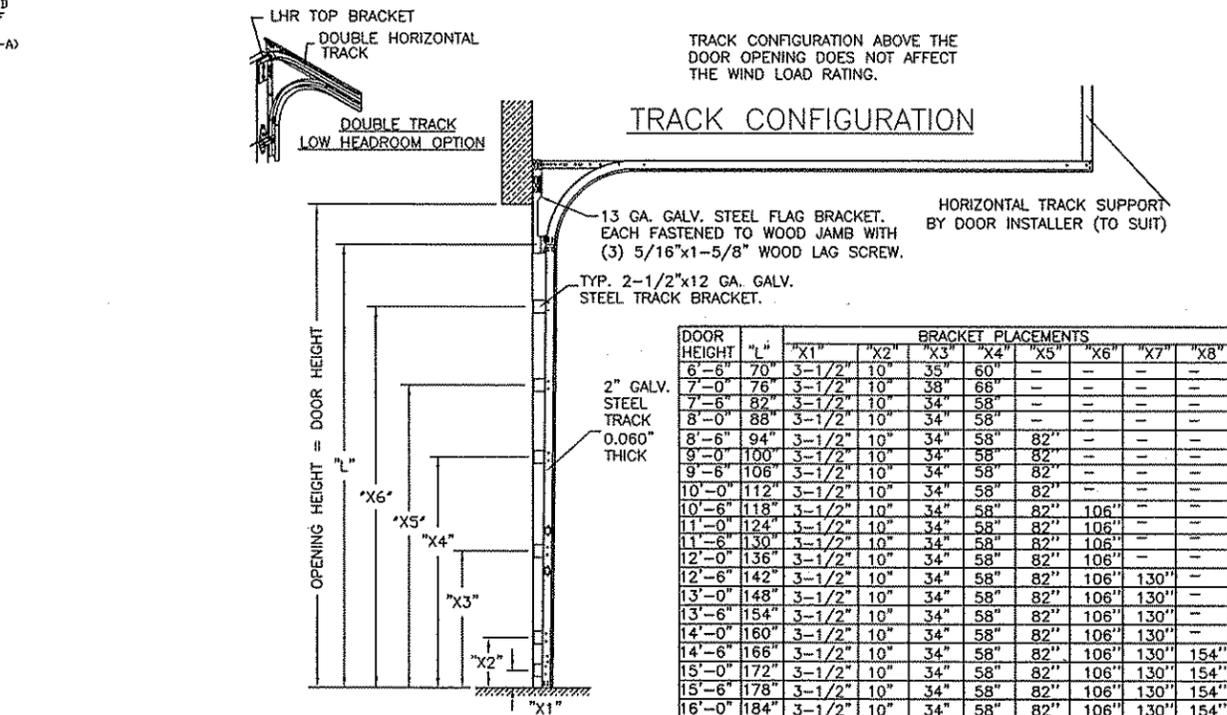
PREPARATION OF JAMBS BY OTHERS.

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS): 3/8"x3" LAG SCREWS ON 15" 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 15" CENTERS (2,000 PSI MIN. CONCRETE). WASHERS INCLUDED WITH SLEEVE ANCHORS.

OR 1/4"x3" TAPCON SCREWS ON 12" CENTERS (2,000 PSI MIN. CONCRETE) OR 7" 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.



| DOOR HEIGHT | BRACKET PLACEMENTS | | | | | | | | |
|-------------|--------------------|--------|------|------|------|------|------|------|------|
| | "L" | "X1" | "X2" | "X3" | "X4" | "X5" | "X6" | "X7" | "X8" |
| 6'-6" | 70" | 3-1/2" | 10" | 35" | 60" | - | - | - | - |
| 7'-0" | 76" | 3-1/2" | 10" | 38" | 66" | - | - | - | - |
| 7'-6" | 82" | 3-1/2" | 10" | 34" | 58" | - | - | - | - |
| 8'-0" | 88" | 3-1/2" | 10" | 34" | 58" | - | - | - | - |
| 8'-6" | 94" | 3-1/2" | 10" | 34" | 58" | 82" | - | - | - |
| 9'-0" | 100" | 3-1/2" | 10" | 34" | 58" | 82" | - | - | - |
| 9'-6" | 106" | 3-1/2" | 10" | 34" | 58" | 82" | - | - | - |
| 10'-0" | 112" | 3-1/2" | 10" | 34" | 58" | 82" | - | - | - |
| 10'-6" | 118" | 3-1/2" | 10" | 34" | 58" | 82" | 106" | - | - |
| 11'-0" | 124" | 3-1/2" | 10" | 34" | 58" | 82" | 106" | - | - |
| 11'-6" | 130" | 3-1/2" | 10" | 34" | 58" | 82" | 106" | - | - |
| 12'-0" | 136" | 3-1/2" | 10" | 34" | 58" | 82" | 106" | - | - |
| 12'-6" | 142" | 3-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | - |
| 13'-0" | 148" | 3-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | - |
| 13'-6" | 154" | 3-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | - |
| 14'-0" | 160" | 3-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | - |
| 14'-6" | 166" | 3-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | 154" |
| 15'-0" | 172" | 3-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | 154" |
| 15'-6" | 178" | 3-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | 154" |
| 16'-0" | 184" | 3-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | 154" |

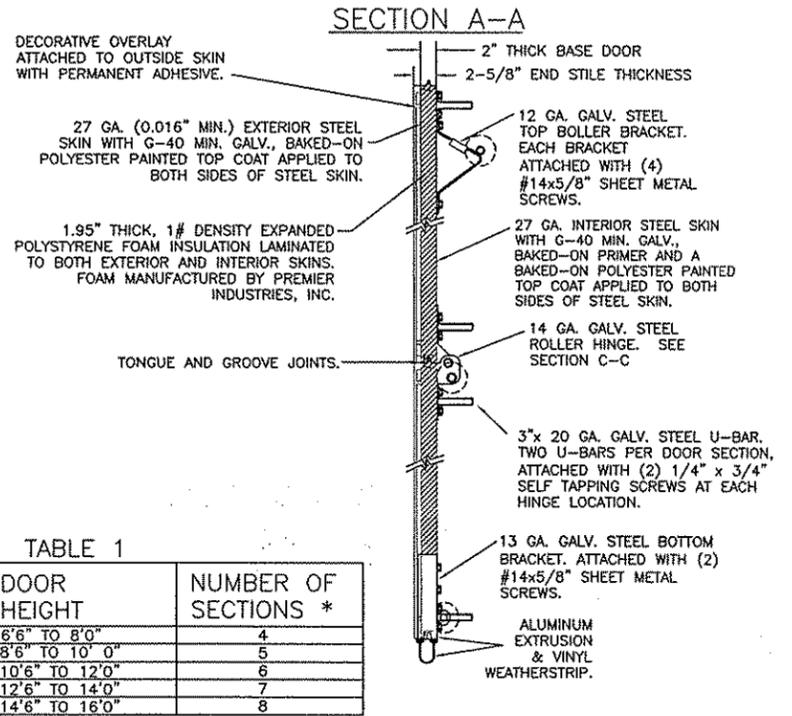
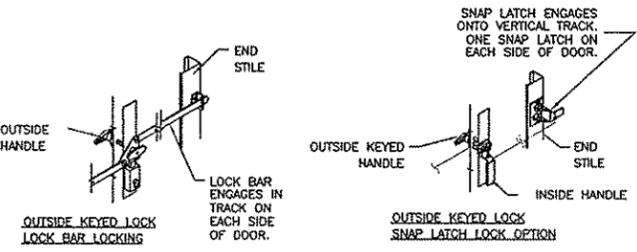
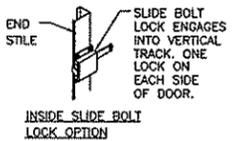
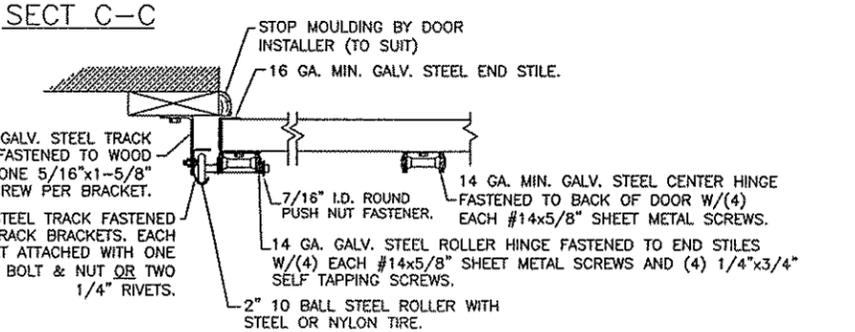


TABLE 1

| DOOR HEIGHT | NUMBER OF SECTIONS * |
|----------------|----------------------|
| 6'6" TO 8'0" | 4 |
| 8'6" TO 10' 0" | 5 |
| 10'6" TO 12'0" | 6 |
| 12'6" TO 14'0" | 7 |
| 14'6" TO 16'0" | 8 |

* SECTIONS ARE EITHER 18" OR 24" HIGH



ORIGINAL DRAWINGS ARE SIGNED IN BLUE INK WITH A RAISED SEAL (EMBOSSE).

Mark Westerfield
10/3/12

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

DESIGN LOADS: +54.0 P.S.F. & -60.0 P.S.F.
TEST LOADS: +81.0 P.S.F. & -90.0 P.S.F.

MANUFACTURING PRODUCT CODE:
MPC: DSIED-1M479

Unless Stated Otherwise
TOLERANCES are
.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°

Glopay
Building Products Company
8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

CLOPAY WINDLOAD RATING
W8

| | | | |
|--|----------------|--------------|--------|
| DESCRIPTION: 2" SINGLE CAR DSI W/ OVERLAY W8 | | | |
| DRAWN BY: RJK | DATE: 5/10/05 | SCALE: NONE | DWG. B |
| CHECKED BY: SH | DATE: 11/21/05 | SHEET 1 OF 1 | SIZE B |
| DWG. NO.: 103436 | VER: IBC | | |