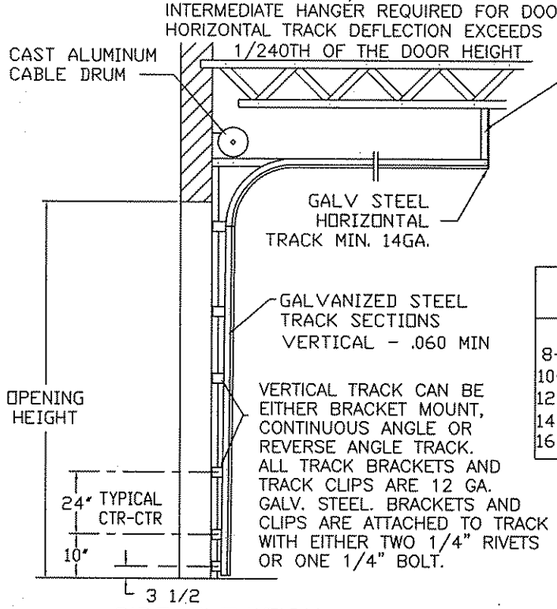
MODEL 902 AND C2AL
MAX 16'-2" WIDE X 18'-0" HIGH

REVISIONS					
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
02	–	02/2012	–	–	UPDATED WINDCODE CHART
03	–	08/2012	–	–	UPDATED FOR TDI
04	–	06/2013	–	–	REMOVED PLEXIGLASS OPTION. SPECIFIED ALL MAX GLAZING DIMEN.



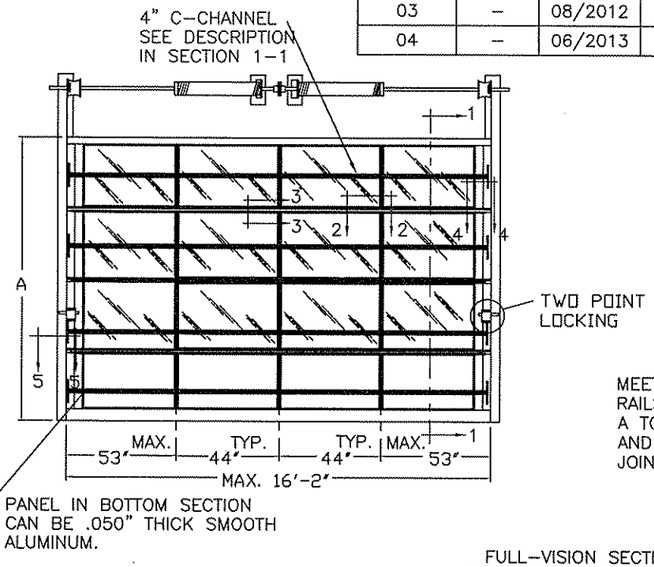
SIDE ELEVATION
STANDARD–LIFT TRACK DETAILS**
**HI–LIFT, VERTICAL LIFT, LOW HEADROOM TRACK AVAILABLE.

MODEL IS MADE OF 6063–T5 ALUMINUM EXTRUSIONS.

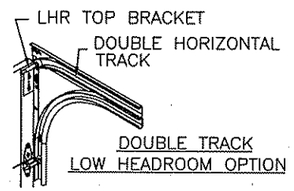
WALL THICKNESS:	
TOP & BOTTOM RAILS	.075
INTER. TOP & BOTTOM RAILS	.075
TOP HAS .1 x 1.875" FIN	
INTER. TOP RAIL CAP	.040
SINGLE & DOUBLE END STILES	.075
CENTER STILES	.062

HEIGHT 'A'	NUMBER OF SECTIONS	NUMBER OF 4" 16 GAGE C-CHANNEL
UP TO 8-0	4	4
8-3 THRU 10-0	5	5
10-3 THRU 12-0	6	6
12-3 THRU 14-0	7	7
14-3 THRU 16-0	8	8
16-3 THRU 18-0	9	9

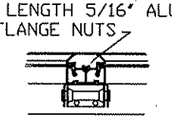
MAX. SECTION HEIGHT: 24"



NOTE: DOUBLE TRACK LOW HEADROOM, HI–LIFT TRACK, FOLLOW–THE–ROOF TRACK, AND VERTICAL LIFT TRACK ARE AVAILABLE OPTIONS. 3" TRACK ALSO AVAILABLE.



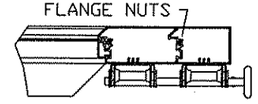
DOUBLE TRACK
LOW HEADROOM OPTION



CENTER STILES FASTENED TO RAILS WITH FULL LENGTH 5/16" ALUMINUM RODS AND FLANGE NUTS

CDR–LOVLY CENTER HINGE OF 16 GA. GALV. STEEL, ATTACHED TO INTER. BOTTOM RAIL WITH (2) #14 x 5/8" SHT MTL SCREWS AND TO INTER. TOP RAIL WITH (2) 1/4 - 20 x 1/2" HEX HEAD MACHINE SCREWS & NUTS

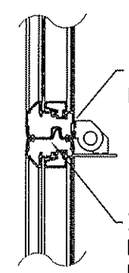
SECTION 2 – 2



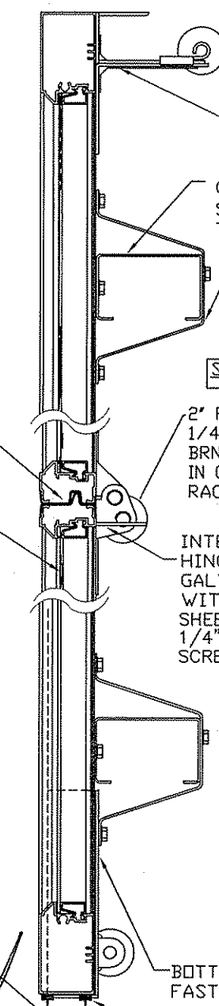
END STILES FASTENED TO RAILS WITH FULL LENGTH 5/16" ALUMINUM RODS AND FLANGE NUTS

REINFORCING FIN ON INTER. TOP RAILS ANGLE CUT AT END STILES

SECTION 4 – 4

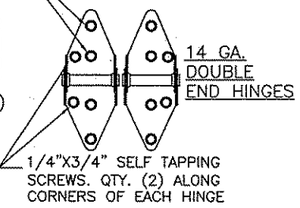


SECTION 3 – 3



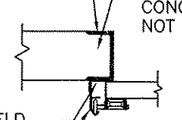
SECTION 1 – 1

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 (FBC SECT. 1606.1.4; IBC SECT. 1609.1.4).



THIS DOOR MEETS OR EXCEEDS THE DESIGN LOADS FOR THE WIND SPEEDS LISTED BELOW ACCORDING TO THE 2001 FLORIDA BLDG. CODE OR 2000 IBC (ASCE7–98) 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) ROOF SLOPE LESS THAN 10', AND 5) 50% SAFETY FACTOR.

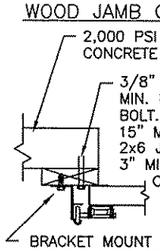
WIND SPEED (MPH)	≤110	120	120	≤140
EXPOSURE LEVEL	B or C	B	C	B
MEAN ROOF HEIGHT	30'	30'	25'	30'



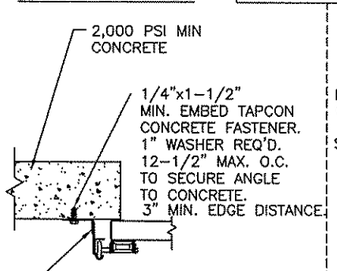
STEEL JAMBS

SECTION 5 – 5

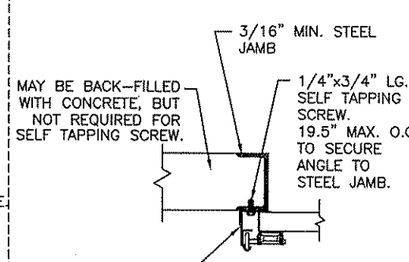
WOOD JAMB ON CONCRETE



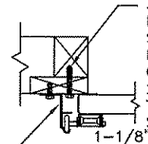
CONCRETE JAMBS



STEEL JAMBS



WOOD JAMBS



THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS IS THE RESPONSIBILITY OF THE BUILDING ENGINEER OR ARCHITECT OF RECORD.

DESIGN ENGINEER: MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513
DESIGN LOADS: +32 & –32 P.S.F.
TEST LOADS +48 & –48 P.S.F.

MPC: C–AL–1F499

WINDLOAD RATING
W5

CLOPAY CORP.
ALL RIGHTS RESERVED.

Third Angle Projection

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

DESCRIPTION: M/N 902 / C2AL +32PSF DES LOAD

DRAWN BY: R.J.K.	DATE: 12/8/99	SCALE: N/A	DWG. SIZE B
CHECKED BY: –	DATE: –	SHEET 1 OF 1	
DWG. NO.: 103294			