

CLOPAY MODEL 902
IDEAL MODEL C2AL

UP TO 24'-2" WIDE X 18'-0" HIGH

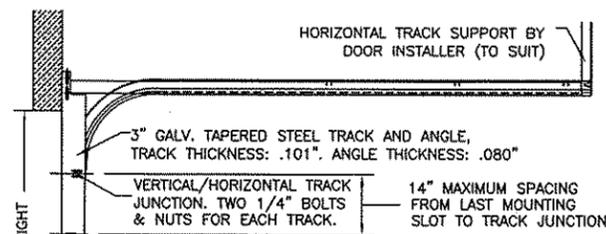
REVISIONS

REV. NO.	ZONE	DATE	ECN NO.	APPVD.	DESCRIPTION
05	-	06/2013	--	--	REMOVED ACRYLIC GLAZING OPTION

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 / IBC CHAPTER 16).

DOOR 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

HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT)



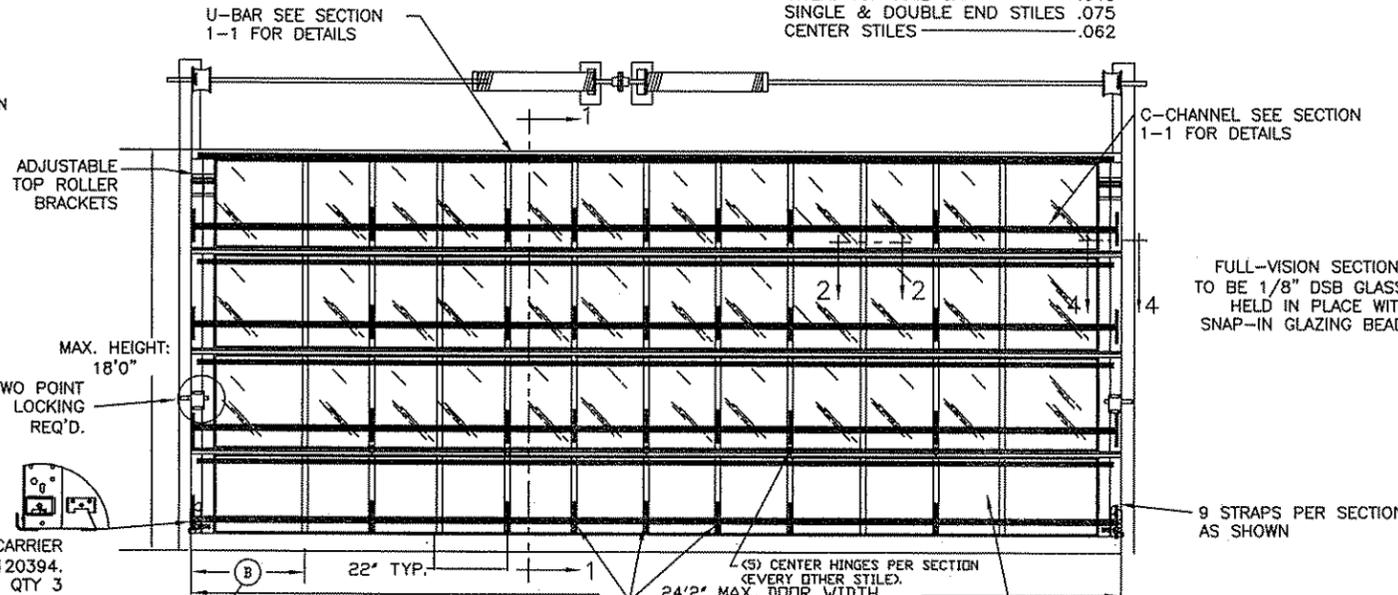
TRACK CONFIGURATION

DOOR HEIGHT "L"	"L"
8'-0"	88"
9'-0"	100"
10'-0"	112"
12'-0"	136"
14'-0"	160"
15'-0"	172"
16'-0"	184"
17'-0"	196"
18'-0"	208"

NOTE: TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING OF THIS DOOR.

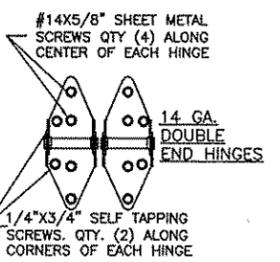
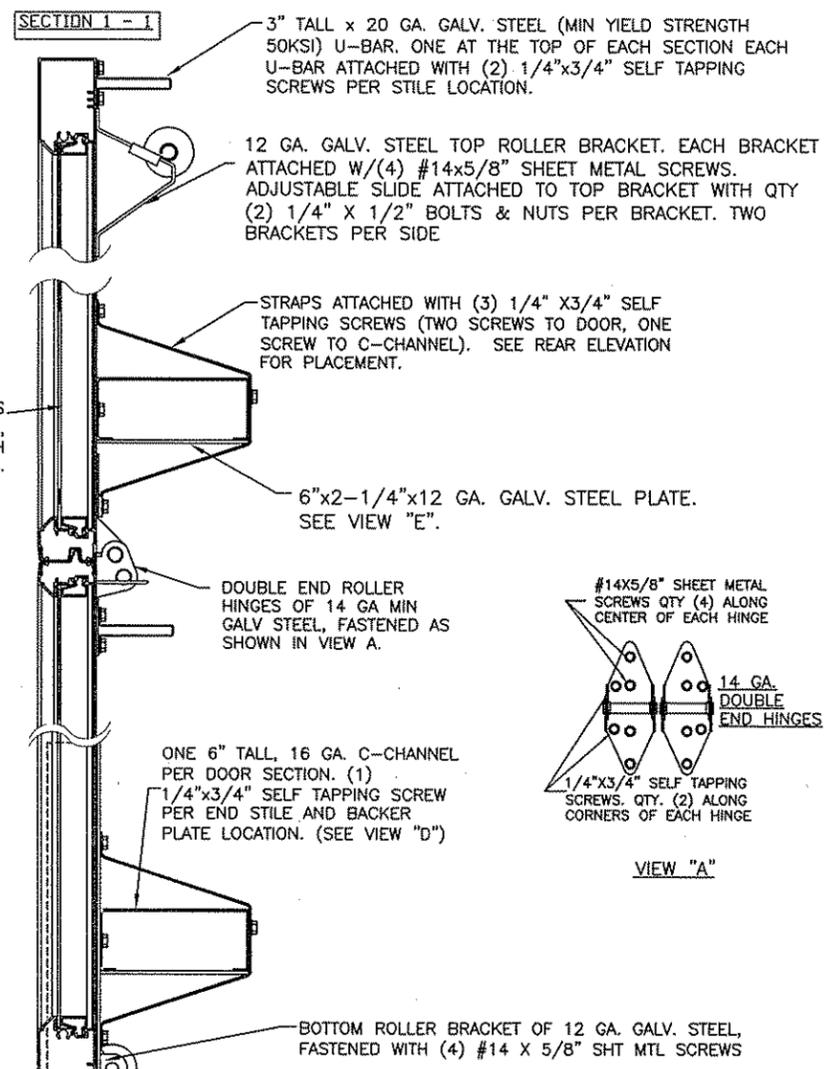
DOOR HEIGHT 'A'	NUMBER OF SECTIONS
UP TO 8'-0"	4
8'-3" THRU 10'-0"	5
10'-3" THRU 12'-0"	6
12'-3" THRU 14'-0"	7
14'-3" THRU 16'-0"	8
16'-3" THRU 18'-0"	9

MAX. SECTION HEIGHT: 24"

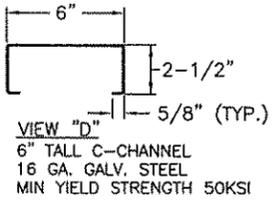


NOTE: CENTER STILES ALWAYS 22" FROM CENTER TO CENTER. FOR ANY GIVEN DOOR WIDTH. DIMENSION 'B' IS THE LEFTOVER DIMENSION ON BOTH SIDES OF THE DOOR. THE MAXIMUM TEXTED FULL VISION PANEL SIZE IS 23" X 24"

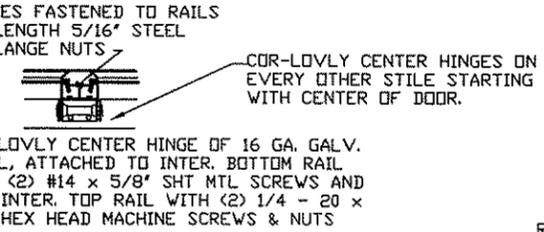
AT THE CENTER OF EACH C-CHANNEL ATTACH THREE 6"x2-1/4"x12 GA. STEEL PLATE TO THE UNDERSIDE OF THE THE C-CHANNEL WITH (4) 1/4"x3/4" SELF TAPPING SCREWS.



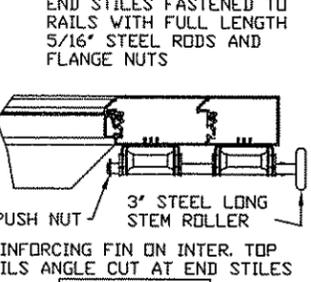
VIEW "A"



VIEW "D"



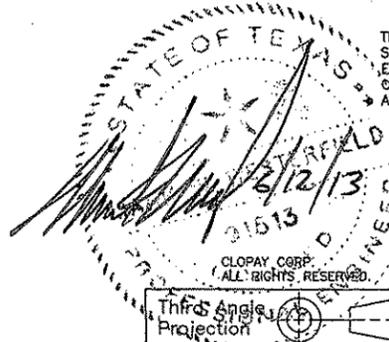
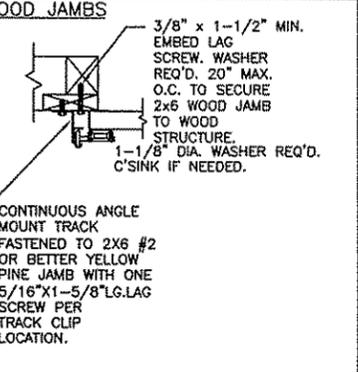
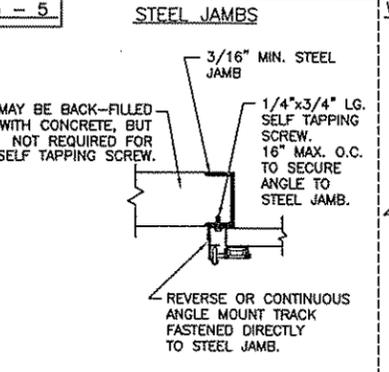
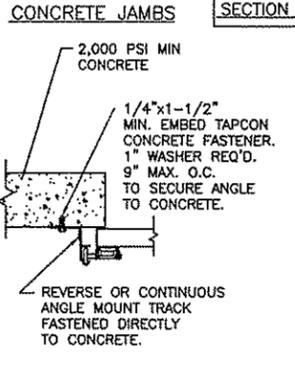
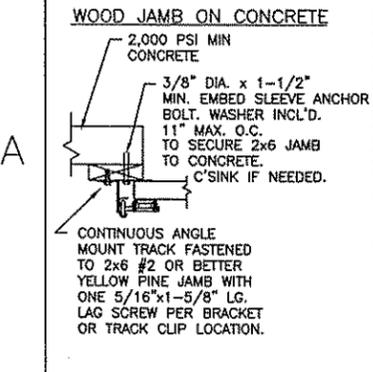
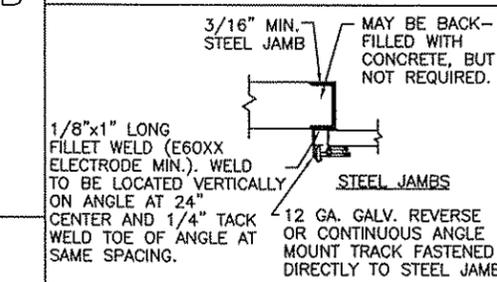
SECTION 2 - 2



SECTION 4 - 4

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) ROOF SLOPE LESS THAN 10°, AND 5) 50% SAFETY FACTOR. IF THESE (5) CONDITIONS ARE NOT MET, A LICENSED ENGINEER SHOULD BE EMPLOYED TO DETERMINE IF THIS PRODUCT MEETS THE REQUIRED WIND SPEED.

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



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: +25 & -25 P.S.F.
TEST LOADS +37.5 & -37.5 P.S.F.

MANUFACTURING PRODUCT CODE:
MPC: C-AL-1F499

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

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

CLOPAY WINDLOAD RATING
W4

DESCRIPTION: M/N 902, C2AL, 24'2" WIDE DES. +25/-25 PSF

DRAWN BY: BFA DATE: 11/30/04

SCALE: NONE DWG. SIZE **B**

CHECKED BY: - DATE: -

SHEET 1 OF 1

DWG. NO.: 103332

VER: IBC