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

24 TYPICAL

CTR-CTR

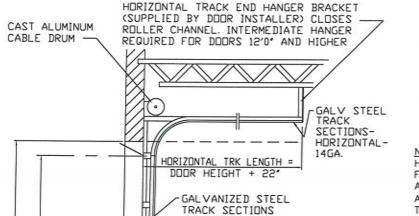
L 3 1/5

DPENING

HEIGHT

CLOPAY MODEL 902 / IDEAL MODEL C2AL MAX 12'-2" WIDE 18'

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 (REFER TO CHAPTER 16 FBC / IBC).



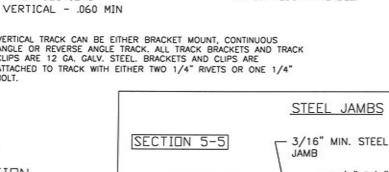
LHR TOP BRACKET DOUBLE HORIZONTAL TRACK DOUBLE TRACK LOW HEADROOM OPTION

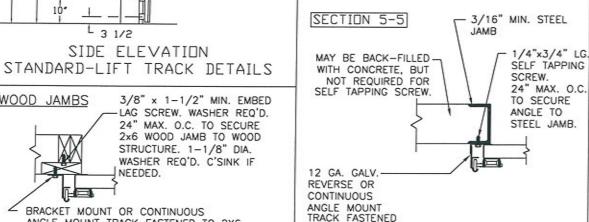
NOTE: DOUBLE TRACK LOW HEADROOM, HI-LIFT TRACK, FOLLOW-THE-ROOF TRACK. AND VERTICAL LIFT TRACK ARE AVAILABLE OPTIONS. 3" TRACK ALSO AVAILABLE.

VERTICAL TRACK CAN BE EITHER BRACKET MOUNT, CONTINUOUS ANGLE OR REVERSE ANGLE TRACK. ALL TRACK BRACKETS AND TRACK CLIPS ARE 12 GA. GALV. STEEL. BRACKETS AND CLIPS ARE ATTACHED TO TRACK WITH EITHER TWO 1/4" RIVETS OR ONE 1/4"

DIRECTLY TO

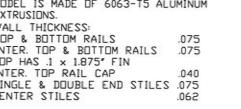
STEEL JAMB

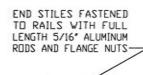




MDDEL IS MADE OF 6063-T5 ALUMINUM EXTRUSIONS. WALL THICKNESS: TOP & BOTTOM RAILS 075 INTER. TOP & BOTTOM RAILS .075 TDP HAS .1 x 1.875' FIN INTER. TOP RAIL CAP 040 SINGLE & DOUBLE END STILES .075 CENTER STILES .062

HEIGHT 'A'	NUMBER OF SECTIONS	NUMBER OF 2 × 2 × 1/8 ALUM ANGLES
UP TD 8-0	4	5
8-3 THRU 10-0	5	6
0-3 THRU 12-0	6	7
2-3 THRU 14-0	7	8
4-3 THRU 16-0	8	9
6-3 THRU 18-0	9	10
MAX. SECTION HEIGHT: 24"		

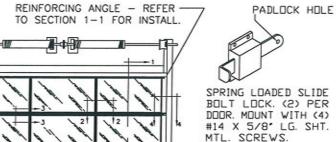






REINFORCING FIN ON INTERMEDIATE TOP RAILS ANGLE CUT AT END STILES

SECTION 4-4

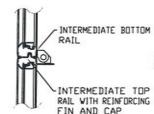


VIEW 'A' TWID POINT

LDCKING

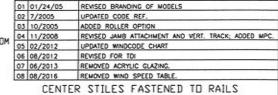
MAX TYP. MAX -51 -MAX. 12'-2"

TD BE .050' THICK SMODTH



SECTION 1 - 1

SECTION 3 - 3



DESCRIPTION

WITH FULL LENGTH 5/16' ALUMINUM RODS AND FLANGE NUTS -



COR-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

ADUSTABLE TOP ROLLER BRACKET OF 12 GA. GALV. STEEL FASTENED WITH (4) #14 x 5/8" SHT MTL SCREWS

REV DATE

MEETING RAILS FORM A WEATHERTIGHT TONGUE AND GROOVE JOINT

10 BALL SHORT STEM STEEL ROLLER WITH STEEL OR NYLON TIRE

FULL-VISION SECTIONS TO BE OF 1/8" DSB GLASS, HELD IN PLACE WITH SNAP-IN GLAZING BEAD AND HOT MELT.

ROLLER END HINGES OF 14 GA. MIN. GALV. STEEL, FASTENED WITH (4) #14x5/8" SHEET METAL SCREWS & (4) 1/4"x3/4" SELF TAPPING SCREWS.

2" x 2" x 1/8" ALUMINUM ANGLE, (1) ATTACHED TO EACH REINFORCING RIB, WITH (2) 1/4" HEX BOLTS AND FLANGE NUTS, AT EACH HINGE LOCATION. ONE (1) ATTACHED TO BOTTOM RAIL OF BOTTOM SECTION AND TOP RAIL OF TOP SECTION WITH #14 x 5/8" SHT METAL SCREWS.

STEP PLATE-13 GA. GALVANIZED STEEL

BOTTOM ROLLER BRACKET OF 12 GA. GALV. STEEL, FASTENED WITH (4) #14 x 3/16" x 7 x 19 DRIVE SCREWS.

> DESIGN LOADS: +32.0 P.S.F. & -32.0 P.S.F. TEST LOADS: +48.0 P.S.F. & -48.0 P.S.F.

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

> > > TDI

8585 DUKE BLVD. MASON, OH 45040 (513) 770-4800

ASTRAGAL.

DESIGN ENGINEER: MARK WESTERFIELD. P.E.

FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #9 1913 MARK W. CLOPAY BUILDING PRODUCTS COMPANY 915

153

MPC: C-AL-1F499 DATE: DRAWN BY: LEG

WINDLOAD RATING HANUFACTURED / PURCHASED MAN. W5 M/N 902 DES LOAD +/-32 PSF

ALL PANELS IN BOTTOM SECTION ALUMINUM. CONCRETE JAMBS 2,000 PSI MIN CONCRETE 1/4"x1-1/2" WASHER REQ'D.

TO CONCRETE.

BRACKET MOUNT OR CONTINUOUS ANGLE MOUNT TRACK FASTENED TO 2X6 #2 OR BETTER YELLOW PINE JAMB WITH ONE 5/16"X1-5/8" LG. LAG SCREW PER BRACKET OR TRACK CLIP LOCATION.

WOOD JAMB ON CONCRETE

2,000 PSI MIN

3/8" DIA. x 1-1/2"

ANCHOR BOLT. WASHER

INCL'D. 21" MAX. O.C.

TO SECURE 2x6 JAMB

MIN. EMBED SLEEVE

CONCRETE

BOTTOM SECTION REINFORCED WITH A > TEMPERED ALUMINUM EXTRUSION WITH MIN. EMBED TAPCON INTEGRAL RETAINER FOR FLEXIBLE VINYL CONCRETE FASTENER 18-1/2" MAX. O.C. ASTRAGAL TO BE 3 1/2" FLEXIBLE VINYL TO SECURE ANGLE WITH RIBS TO CONCRETE. 3" MIN. EDGE MIN. EDGE DIST SECTION 5-5 ∠ 12 GA. GALV. REVERSE OR CONTINUOUS ANGLE MOUNT TRACK FASTENED DIRECTLY

TO CONCRETE. 3" MIN. EDGE DIST. SECTION 5-5

Building Products Company

CLOPAY CORP ALL RIGHTS RESERVED.

1-47-92 DESCRIPTION COSION V CHECKED BUT. DRAVING NUMBER: 103275

Ming

WOOD JAMBS 3/8" x 1-1/2" MIN. EMBED LAG SCREW, WASHER REO'D. 24" MAX. O.C. TO SECURE 2x6 WOOD JAMB TO WOOD STRUCTURE. 1-1/8" DIA. WASHER REQ'D. C'SINK IF NEEDED. BRACKET MOUNT OR CONTINUOUS ANGLE MOUNT TRACK FASTENED TO 2X6 #2 OR BETTER YELLOW PINE JAMB WITH ONE 5/16"X1-5/8" LG. LAG SCREW PER BRACKET OR TRACK CLIP LOCATION.

SIDE ELEVATION

SECTION 5-5

MAY BE BACK-3/16" MIN. FILLED WITH STEEL JAMB CONCRETE, BUT SECTION 5-5 NOT REQUIRED.

STEEL JAMBS

1/8"x1" LONG FILLET WELD (E60XX 10-10-3 ELECTRODE MIN.). WELD TO BE LOCATED VERTICALLY, ON ANGLE AT 24" CENTER AND TACK 12 GA. GALV. REVERSE OR CONTINUOUS ANGLE

WELD TOE OF ANGLE AT MOUNT TRACK FASTENED SAME SPACING. DIRECTLY TO STEEL JAMB.