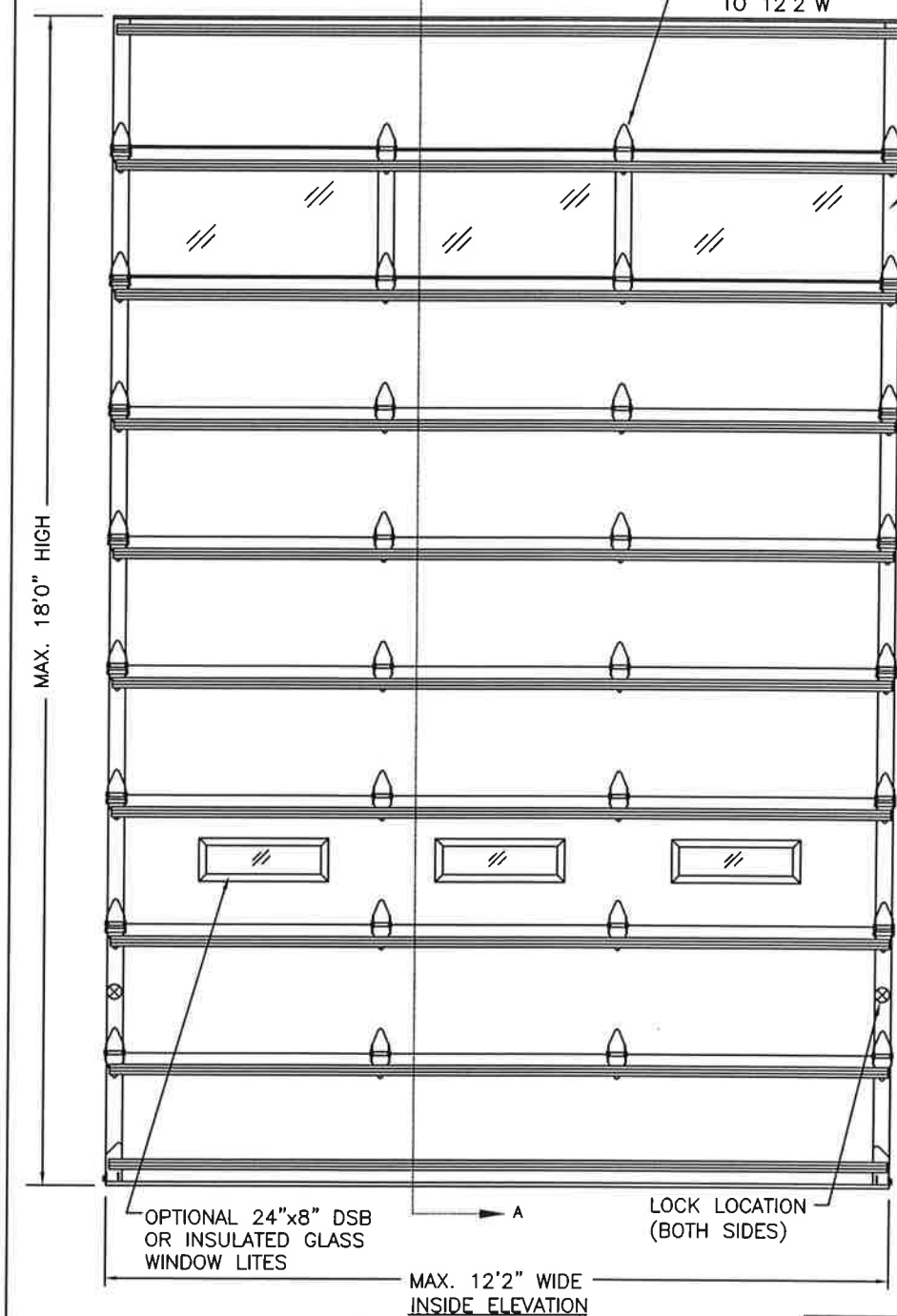
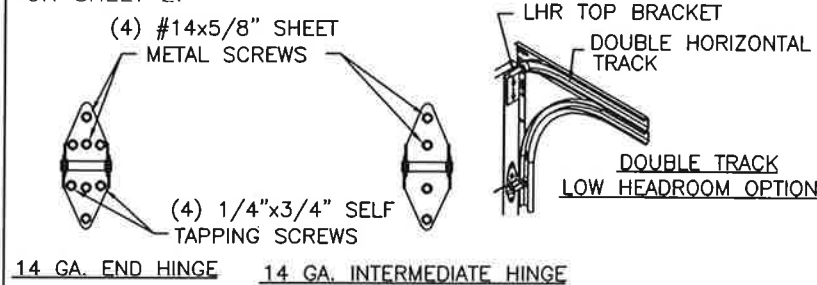


CLOPAY 3200W4, 3220W4, EX3200W4, EX3220W4
CORNELL EX3200LW4, EX3220LW4
COOKSON EX3200NW4, EX3220NW4
HOLMES 240W4



HINGES USED ON BOTH STANDARD AND EX MODELS. EX MODELS REQUIRE DOUBLE END HINGES AND TANDEM ROLLERS. SEE DETAIL A ON SHEET 2.



(1) INTER. HINGE ON DOORS UP TO 9'2"W (2) INTER. HINGES ON DOORS UP TO 12'2"W

OPTIONAL ALUMINUM FULL VISION WINDOW LITE SECTIONS AVAILABLE (1/8" DSB, 1/8" ACRYLIC, 1/4" WIRE, 1/2" INSUL.). FULL VISION SECTIONS TO HAVE SAME REINFORCEMENT AS OTHER SECTIONS. OPTIONAL ACRYLIC IS PLASKOLITE OPTIX, AN APPROVED CC2 PLASTIC IN COMPLIANCE WITH IBC/FBC 2606.

TONGUE AND GROOVE JOINTS

2" THICK SILICONE FILLED CHANNEL SEPARATES FRONT AND BACK SKIN OF DOOR

1.95" THICK, 1# DENSITY EXPANDED POLYSTYRENE FOAM INSULATION LAMINATED TO BOTH EXTERIOR AND INTERIOR SKINS.

12 GA. GALV. STEEL TOP ROLLER BRACKET. EACH BRACKET ATTACHED W/4 #14x5/8" SHEET METAL SCREWS.

14 GA. GALV. STEEL ROLLER (END) HINGE. EACH FASTENED TO END STILES W/(4) #14x5/8" SHEET METAL SCREWS AND W/(4) 1/4"x3/4" SELF TAPPING SCREWS.

2-1/4" TALL x 24 GA. GALV. STEEL U-BAR. ONE PER DOOR SECTION, EXCEPT TWO ON BOTTOM SECTION. ATTACHED W/(2) 1/4"x3/4" SELF TAPPING SCREWS AT EACH HINGE LOCATION.

27 GA. STEEL INTERIOR SKIN WITH GALVANIZED, BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT.

SECTION A-A
12 GA. GALV. STEEL BOTTOM BRACKET. ATTACHED W/(4) #14x5/8" SHEET METAL SCREWS.
ALUMINUM EXTRUSION & VINYL WEATHERSTRIP.

24 GA. MIN. STEEL EXTERIOR SKIN WITH GALVANIZED, BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT.

NOTE: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS ARE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

REV	DATE	DESCRIPTION
09	02/2012	UPDATED WINDCODE CHART.
10	11/30/20	UPDATED TITLE BLOCK AND REMOVED WINDCODE CHART.
11	10/12/21	ADDED EX MODELS.

SEE "JAMB ATTACHMENT ILLUSTRATIONS"

JAMB CONFIGURATION

DETAIL A
EX MODELS REQUIRE TANDEM ROLLERS AND DOUBLE END HINGES. TOP AND BOTTOM ROLLERS ARE LONG STEM, SINGLE SHAFT.



TANDEM ROLLERS ATTACHED W/(4) #14x5/8" SHEET METAL SCREWS AND W/(2) 1/4"x3/4" SELF TAPPING SCREWS

STOP MOULDING BY DOOR INSTALLER (TO SUIT)
MIN. 18 GA. GALV. STEEL END STILE (END STILES HELD BY HINGE SCREWS). EX MODELS REQUIRE DOUBLE END STILES.

14 GA. GALV. STEEL INTER. HINGE FASTENED TO INSIDE SKIN W/(4) EACH #14x5/8" SHEET METAL SCREWS.

14 GA. MIN. GALV. STEEL ROLLER HINGE FASTENED TO END STILES W/(4) #14x5/8" SHEET METAL SCREWS AND W/(4) 1/4"x3/4" SELF TAPPING SCREWS. EX MODELS REQUIRE DOUBLE END STILES AND DOUBLE END HINGES. SEE DETAIL A.

2" STEEL ROLLER. EX MODELS REQUIRE TANDEM ROLLERS. SEE DETAIL A.

PREPARATION OF JAMBS BY OTHERS.

HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT)

13 GA. GALV. STEEL FLAG BRACKET. EACH FASTENED TO WOOD JAMB WITH (3) 5/16"x1-5/8" WOOD LAG SCREW.

TRACK CONFIGURATION

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" BOLT.

NOTE: DOUBLE TRACK LOW HEADROOM, HI-LIFT TRACK, FOLLOW-THE-ROOF TRACK, AND VERTICAL ANGLE TRACK ARE AVAILABLE OPTIONS. 2" AND 3" REVERSE ANGLE TRACK ALSO AVAILABLE.

TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING.

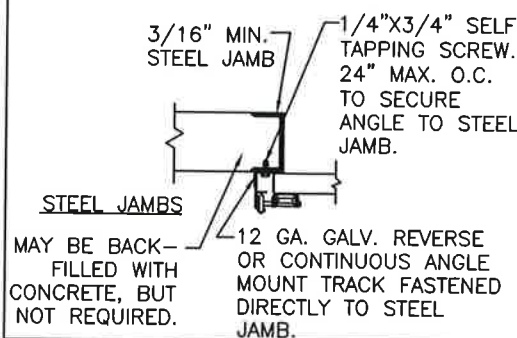
OPENING HEIGHT = DOOR HEIGHT

DESIGN ENGINEER: SCOTT HAMILTON, P.E.
FLORIDA P.E. #63286

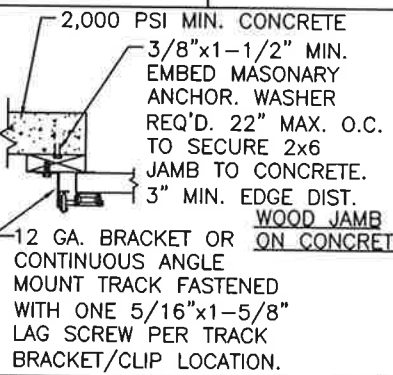
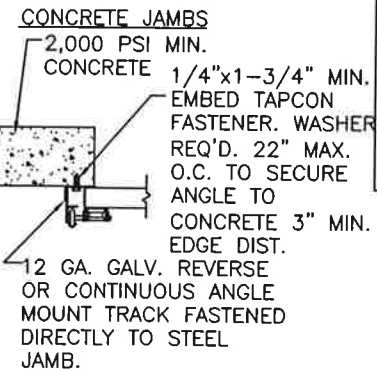
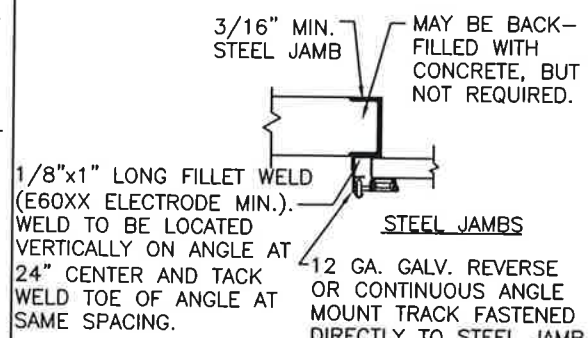
DESIGN LOADS: +25.0 PSF
TEST LOADS: +37.5 PSF & -42.0 PSF

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

MANUFACTURING PRODUCT CODE: MPC: C-DSIE-1F447	WINDLOAD RATING W4	MAX DOOR SIZE: 12'2"W x 18'0"H
DATE: 9/26/96	DESCRIPTION: MODEL 3200/3220: +25/28 PSF DESIGN	DRAWING NUMBER: B 101687
DRAWN BY: MWW	CHECKED BY:	



JAMB ATTACHMENT ILLUSTRATIONS



Clopay
CORPORATION

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FLORIDA PRODUCT APPROVAL 17671