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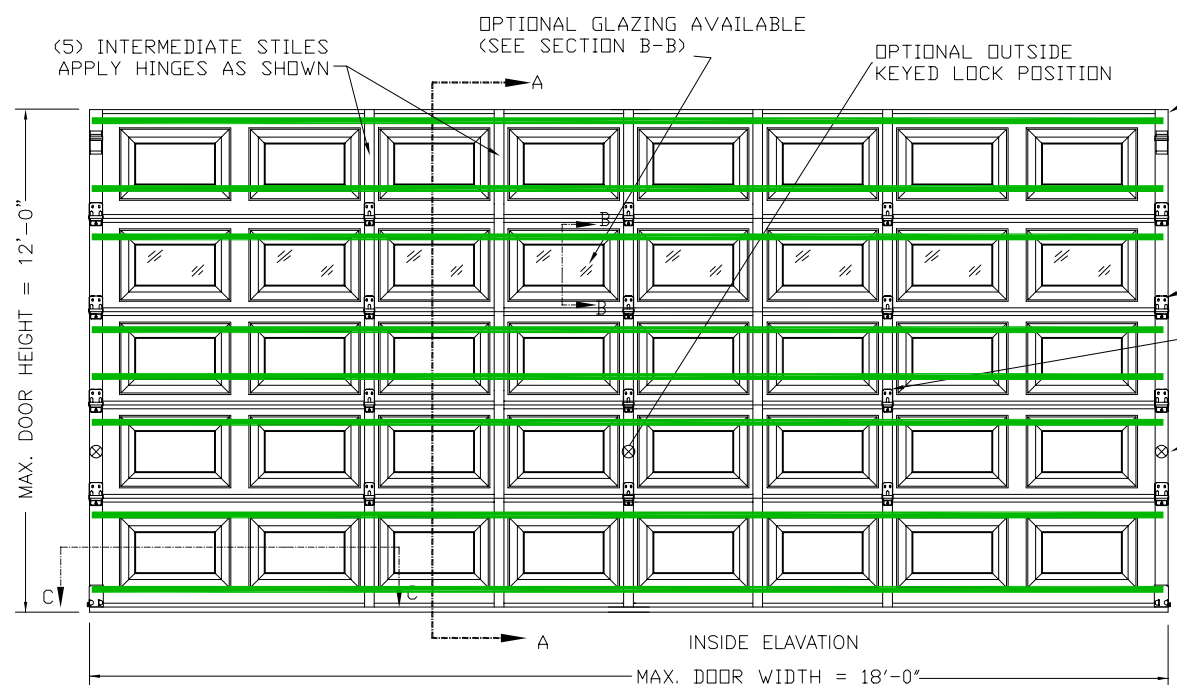
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MODELS B178/251S, 55S, S51S, (25 GA STEEL SKIN WITH EMBOSSED PANELS)
MODELS B378/251F, S51F (25 GA STEEL SKIN WITH FLUSH PANELS)

REVISIONS					DESCRIPTION
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	
00	-	11/03/03	ER1037	SH	INITIAL RELEASE



20 GA. MIN END STILES ATTACHED TO DOOR SKIN WITH PATENTED TOG-L-LDC SYSTEM AND (2) #8X1/2" WAFER HEAD SM SCREWS

25 GA. MIN. STEEL SKIN COATED WITH GALV., BAKED-ON PRIMER, AND A BAKED-ON POLYESTER TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN.

16 GA. GALV. STEEL TOP ROLLER BRACKET. EACH BRACKET ATTACHED W/(3) #14X5/8" SHEET METAL SCREWS.

2" GALV. STEEL TRACK. TRACK THICKNESS .040" MIN. UP TO 8'. OVER 8' .060" MIN.

TYP. 2-1/2" X 12 GA. GALV. STEEL TRACK BRACKET. 8 FOOT TRACK SHOWN WITH 3 TRACK BRACKETS PER SIDE (2) TRACK BRACKETS PER SIDE FOR DOORS UP TO 7' HIGH.

13 GA. GALV. STEEL FLAG BRACKET. EACH FASTENED TO WOOD JAMB WITH (3) 5/16"x1-1/2" WOOD LAG SCREW..

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EXTENDED HEIGHT BRACKET SPACING FIRST BRACKET AT 10" FROM FLOOR. BRACKETS REMAINING AT 24" ON CENTER. MAX. SPACE TO FLAG BRACKET 30"

13 GA. GALV. STEEL BOTTOM BRACKET. ATTACHED WITH TWO #14X5/8" SHEET METAL SCREWS.

ALUMINUM EXTRUSION & VINYL WEATHERSTRIP.

3" TALL X 20 GA. GALV. STEEL U-BARS. ATTACHED U-BARS IN A 2-1-2-1-2 PATTERN STARTING FROM THE BOTTOM. (SEE INSIDE ELEVATION) ATTACHED WITH (2) 1/4" X 3/8" SELF TAPPING SCREWS AT EACH STILE LOCATION.

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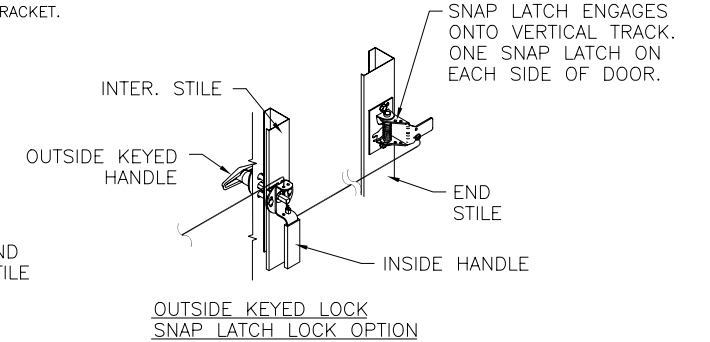
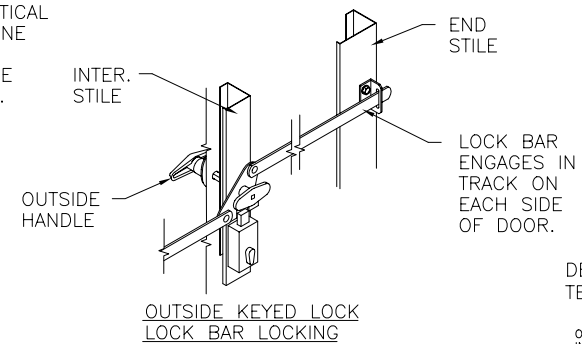
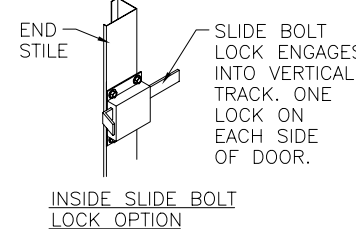
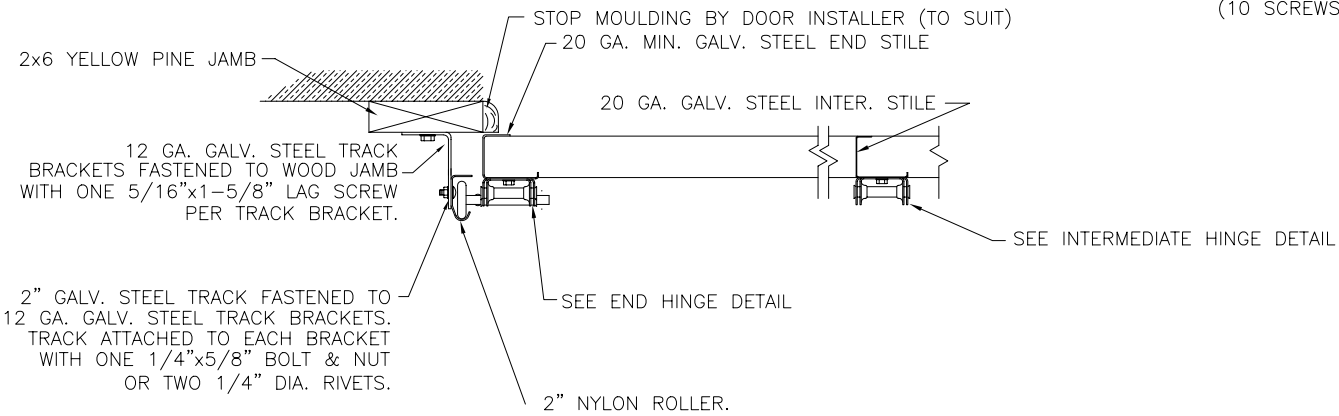
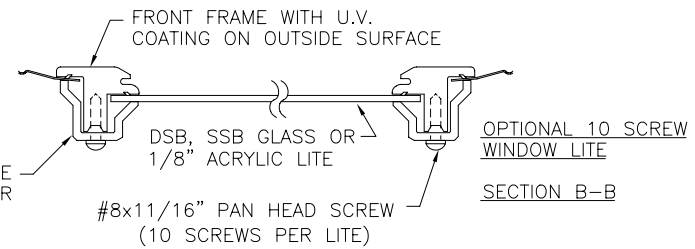
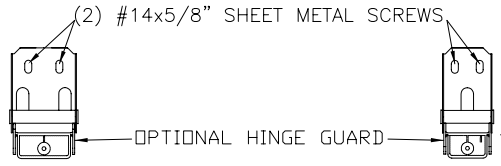
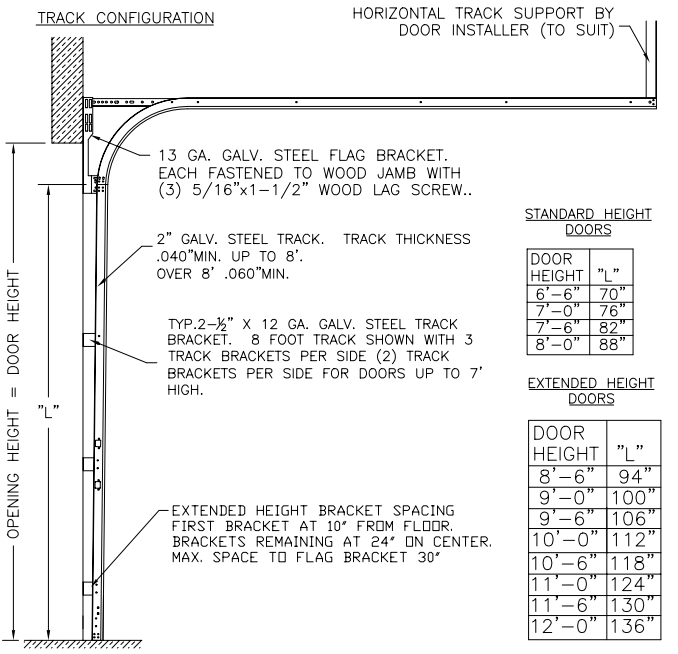
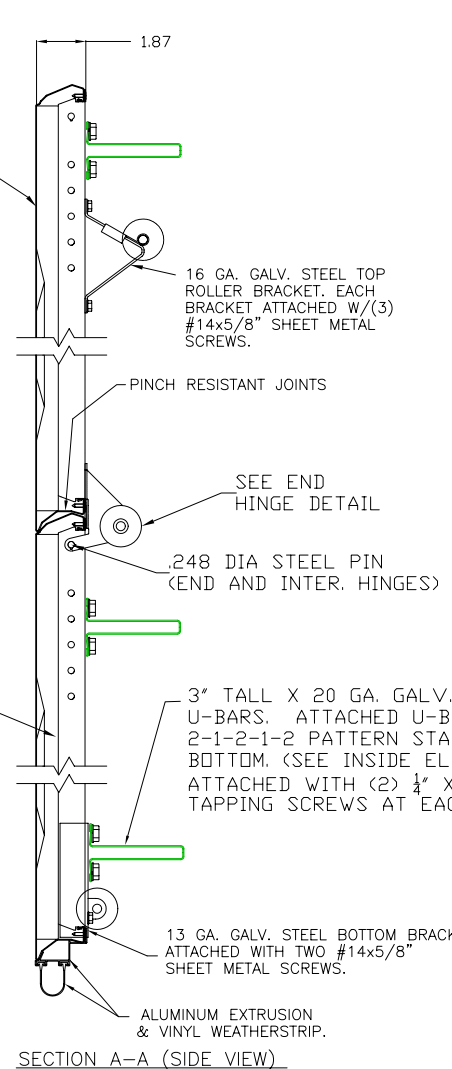
ALUMINUM EXTRUSION & VINYL WEATHERSTRIP.

3" TALL X 20 GA. GALV. STEEL U-BARS. ATTACHED U-BARS IN A 2-1-2-1-2 PATTERN STARTING FROM THE BOTTOM. (SEE INSIDE ELEVATION) ATTACHED WITH (2) 1/4" X 3/8" SELF TAPPING SCREWS AT EACH STILE LOCATION.

DOOR HEIGHT	NUMBER OF SECTIONS*
6'0" TO 7'0"	4
7'6" TO 8'9"	5
9'0" TO 10'6"	6
10'9" TO 12'0"	7

(SHOWN)

* - SECTIONS ARE EITHER 18" OR 21" HIGH



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

DESIGN LOADS: +12.5 P.S.F. & -14 P.S.F. TEST LOADS: +19 P.S.F. & -21P.S.F.

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

PART NO.:

NOTE 2: 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 THIS DRAWING.

VERTICAL JAMB ATTACHMENT (WOOD FRAME BUILDINGS):

OPTION ONE: 3/8" x 3" LAG SCREWS ON 24" CENTERS. 1" O.D. MIN. WASHER REQUIRED. LAG SCREWS MAY BE COUNTERSUNK (NOT REQUIRED) TO PROVIDE A FLUSH MOUNTING SURFACE.

OPTION TWO: 16D x 3-1/2" COMMON WIRE NAILS ON 7" CENTERS. (HORIZONTAL JAMBS DO NOT TRANSFER LOAD.)

NOTICE: Confidential/Proprietary information of CLOPAY BUILDING PRODUCTS CO. is contained herein and may not be disclosed, used, duplicated, made available, or distributed without its prior consent. Failure to observe this notice may result in liability for any damages and losses resulting therefrom.

Unless Stated Otherwise TOLERANCES are

.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2'

Third Angle Projection

Glopay Building Products Company

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

DESCRIPTION: 251SW1 18' DOUBLE CAR

DRAWN BY: RJK	DATE: 8/29/03	SCALE: NTS	DWG. SIZE B
CHECKED BY: -	DATE: -	SHEET 1 OF 1	
DWG. NO.: 102939		REV. NO. 00	

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