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

10'-2" WIDE X 8'-0" THRU 18'-0" HIGH

REVISIONS

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

HORIZONTAL TRACK END HANGER BRACKET (SUPPLIED BY DOOR INSTALLER) CLOSES ROLLER CHANNEL. INTERMEDIATE HANGER REQUIRED FOR DOORS IF HORIZONTAL TRACK DEFLECTION EXCEEDS 1/240TH OF THE DOOR HEIGHT

20GA EXTERIOR SKIN

NON-INSULATED MODELS:
MODEL 520W1
STEEL BACKED INSULATION MODELS:
MODEL 520SW1

SECTIONS ARE 1-7/8" THK PANELS ROLL FORMED OF .022" MIN. HOT DIPPED GALVANIZING, ROLL FORMED STEEL.

ADJUSTABLE TOP ROLLER BRACKET OF 12 GA. GALV. STEEL, INSTALLED ON DOOR WITH (4) #14 X 5/8" LG SHEET METAL SCREWS

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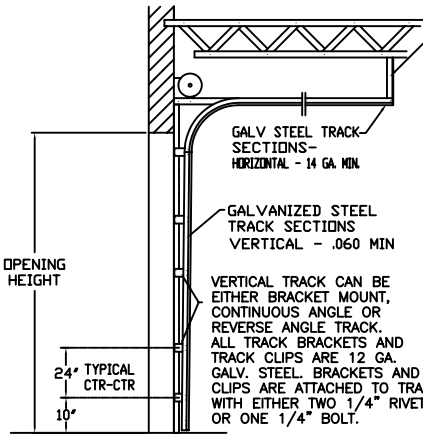
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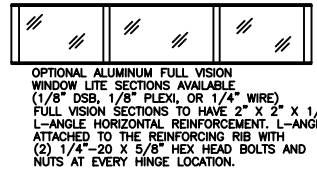
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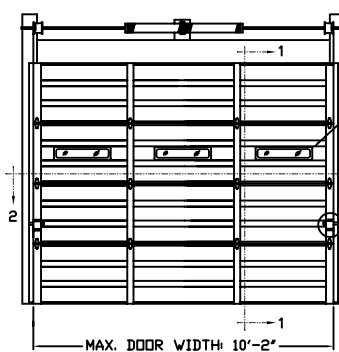


DOOR WIDTH	NUMBER OF CENTER STILES
UP TO 9'-2"	1
9'-3" THRU 10'-2"	2



OPTIONAL ALUMINUM FULL VISION WINDOW LITE SECTIONS AVAILABLE (1/8" DSB, 1/8" PLEXI, OR 1/4" WIRE) FULL VISION SECTIONS TO HAVE 2" X 2" X 1/8" L-ANGLE HORIZONTAL REINFORCEMENT. L-ANGLES ATTACHED TO THE REINFORCING RIB WITH (2) 1/4"-20 X 5/8" HEX HEAD BOLTS AND NUTS AT EVERY HINGE LOCATION.

NO STRUTTING REQUIRED TO MEET THESE LOADS



OPTIONAL INSULATION (SEE MODEL EXPLANATION)

OPTIONAL 24" x 6" POLYPROPYLENE SCREW TOGETHER FRAME TYPE DSB OR 1/8" PLEXI WINDOW LITES AVAILABLE.

END ROLLER HINGES OF MIN. 14 GA. GALV. STEEL, FASTENED WITH (4) #14 X 5/8" LG. SHT. MTL. SCREWS AND (4) 1/4"x3/4" SELF-TAPPING SCREWS.

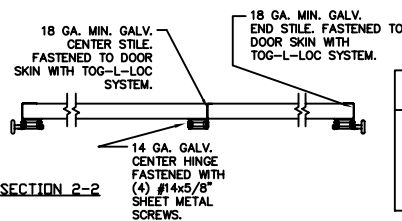
2" ROLLERS FEATURE (10) 1/4" DIA. STEEL BALL BEARINGS FULL FLOATING IN CASE HARDENED STEEL RACES

BOTTOM ROLLER BRACKET OF 13 GA. GALV. STEEL, FASTENED WITH (4) #14 X 5/8" LG SHT. MTL. SCREWS

BOTTOM SECTION REINFORCED WITH TEMPERED ALUMINUM EXTRUSION WITH INTEGRAL RETAINER FOR FLEXIBLE VINYL ASTRAGAL

DESIGN LOAD: +16.5 PSF, -16.5 PSF. TEST LOAD: +25 PSF, -25 PSF.

SIDE ELEVATION STANDARD-LIFT TRACK DETAILS



DOOR HEIGHT 'A'	NUMBER OF SECTIONS
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

VERTICAL TRACK ATTACHMENT METHODS

VERTICAL 2" X 6" WOOD JAMB ON WOOD FRAME CONST.

VERTICAL 2" X 6" JAMB ON MASONRY CONST.

VERTICAL JAMB STEEL FRAME CONST.

OPTION 1 1-1/2" EMBED 3/8" X 3" LAG SCREWS ON 24" CENTERS. 1" O.D. MIN. WASHER REQUIRED. LAG SCREW MAY BE COUNTERSUNK 1/2" TO PROVIDE A FLUSH MOUNT IF REQUIRED.

OPTION 1 2000 PSI CONCRETE 1/2" X 3" SELF TAPPING CONCRETE ANCHORS EMBED 1-1/2" INTO MASONRY AND 24" ON CENTER SPACING. FIRST (BOTTOM) ANCHOR 6" FROM FLOOR.

5/16" X 3/4" SELF TAPPING SCREWS MOUNT TRACK DIRECTLY TO 12 GAGE MIN. STEEL JAMBS. SPACING 24" ON CENTER. FIRST (BOTTOM) SCREW NO MORE THAN 6" FROM FLOOR.

3/8" X 3" SLEEVE ANCHOR 1-1/2" EMBED 24" ON CENTER SPACING. MINIMUM EDGE DISTANCE 3"

OPTION 2 16D X 3-1/2" COMMON WIRE NAILS ON 13" CENTERS. SPACE FIRST NAIL(BOTTOM) NOT LESS THAN 6" FROM END.

OPTION 2 GROUT FILLED CMU BLOCK 1/4" X 3" SELF TAPPING CONCRETE 1-1/2" EMBED ANCHORS 24" ON CENTER SPACING

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

MARK WESTERFIELD, P.E. FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513

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TOLERANCES are .0 = ±.031 .00 = ±.015 .000 = ±.005 .0000 = ±.001 Degrees = ±1/2" Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

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

DESCRIPTION: 520W1, 10'2" WIDE	DATE: 08/20/03	SCALE: N/A	DWG. B
DRAWN BY: RJK	DATE: 08/28/03	SHEET 1 OF 1	SIZE B
CHECKED BY: SH	DWG. NO.: 102967	REV. NO. 00	

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