

DOOR NUMBER	QTY	OPENING		ACTUAL		MODEL	JAMB		MOUNTING	LOOK	PANELS		SECTION NUMBER OPEN FOR GLASS																										
		WIDTH	HEIGHT	WIDTH	HEIGHT		W	S			M	ANGLE	BRKT	WIDE	HIGH	1	2	3	4	5	6	7	8																



JOB: _____

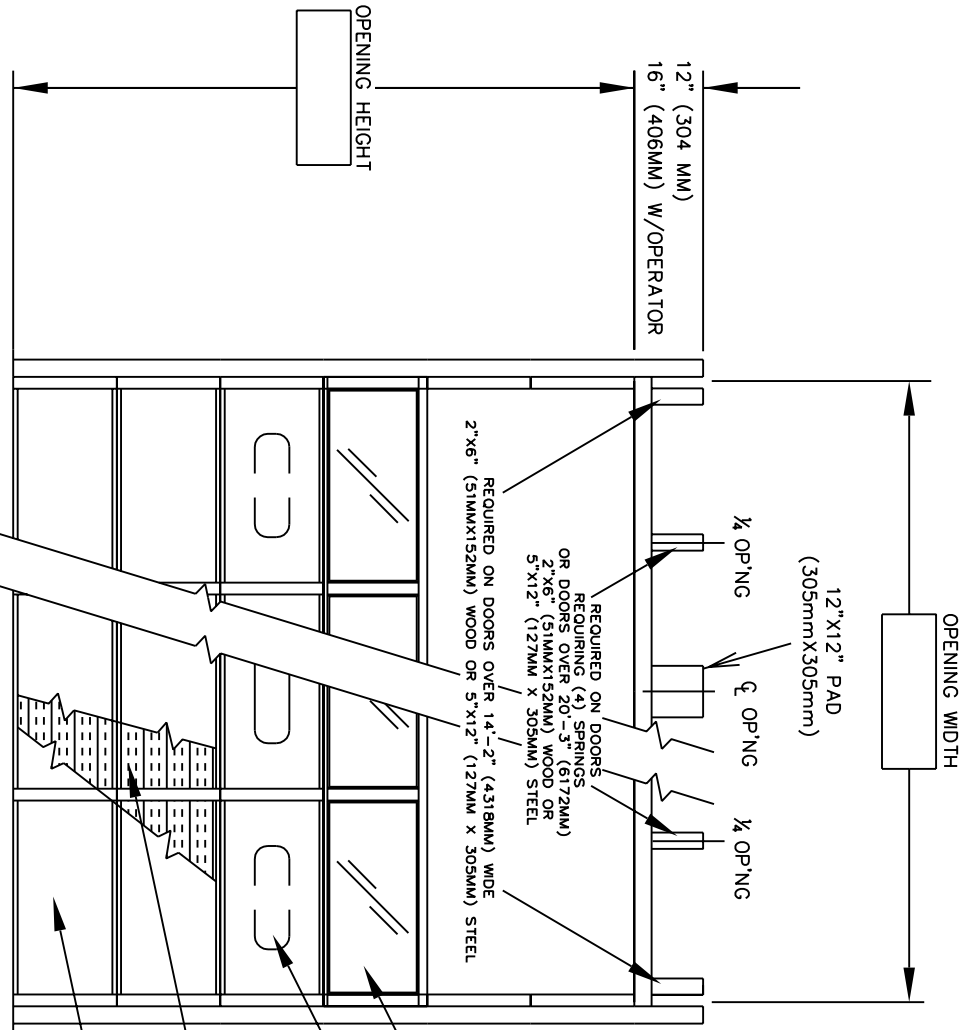
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NR: 2901786

STEEL FORM OPTIMA



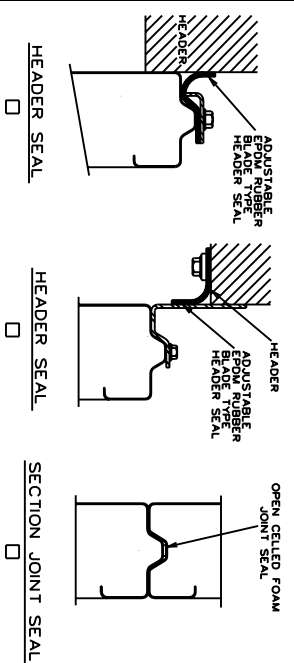
INTERIOR ELEVATION

- FULL VIEW SECTION IF REQUIRED SEE GLAZING NOTE
- WINDOWS IF REQUIRED SEE GLAZING NOTE
- INSULATION IF REQUIRED SEE INSULATION NOTES
- COVERS IF REQUIRED SEE COVERS NOTES

1) DOORS SHALL BE STEEL SECTIONAL OVERHEAD STEELFORM OPTIMA (S-16) (16 GAUGE) AS MANUFACTURED BY RAYNOR GARAGE DOOR CO.. SECTIONS SHALL BE 2" (50.8mm) THICK, ROLLFORMED FROM COMMERCIAL QUALITY HOT-DIPPED GALVANIZED STEEL PER ASTM A-924 AND A-653. SECTIONS TO HAVE A SMOOTH EXTERIOR SURFACE. ROLLFORMED TONGUES AND GROOVE JOINT SILLS AND 16 GWS CENTER STILES RIVETED TO EXTERIOR SURFACE WITH STAINLESS STEEL RIVETS AND RESISTANCE WELDED TO INTERIOR RAIL. SECTION PANEL SEALED AT END STILES WITH 1/4" (6.4mm) THICK POLYETHYLENE FOAM.

FINISH - DOOR EXTERIOR TO HAVE FINISH COAT OF BAKED ON POLYESTER WHITE ENAMEL OVER EPOXY PRIMER. INTERIOR TO HAVE BAKED ON GREY POLYESTER ENAMEL. MAY BE FIELD PAINTED TO MATCH STRUCTURE.

- INSULATION - SECTIONS ARE INSULATED WITH 1 3/8" (34.9mm) THICK RIGID EXPANDED POLYSTYRENE INSULATION WITH FLAME RETARDANT ADDITIVE. INSULATION MEETS UL 723 TEST (ASTM-84) WITH MAXIMUM FLAME SPREAD OF 25. "U" VALUE IS .130. "R" VALUE IS 7.70.
- INSULATION - SECTIONS ARE INSULATED WITH 1 3/4" (44.5mm) SEMI-RIGID FIBERGLASS. INSULATION MEETS UL TEST ASTM-84 AND FEDERAL SPECIFICATION HH-1-521E TYPE 1. "U" VALUE IS .132. "R" VALUE IS 7.57.
- INSULATION - SECTIONS ARE INSULATED WITH 1 3/8" (34.9mm) FASTEN-84 WITH A MAXIMUM FLAME SPREAD OF 25. INSULATION MEETS UL 723 TEST (ASTM-84) WITH MAXIMUM FLAME SPREAD OF 25. "U" VALUE IS .130. "R" VALUE IS 7.70 AND U-VALUE = 0.130. (COVERS NOT REQUIRED)
- SECTIONS FURNISHED WITH (24, 20) GAUGE WHITE BAKED ON ENAMEL PAINTED COVERS, FITTING BETWEEN VERTICAL MULLIONS AND HORIZONTAL RAILS ON ALL SECTIONS.
- SECTIONS FURNISHED WITH (26, 24, 20) GAUGE GREY BAKED ON HORIZONTAL RAILS ON ALL SECTIONS.
- SECTIONS, FURNISHED WITH 1/8" (3.2mm) PRIME PAINTED HARDBOARD COVERS, FITTING BETWEEN VERTICAL MULLIONS AND HORIZONTAL RAILS ON ALL SECTIONS. NOT RECOMMENDED FOR HIGH HUMIDITY APPLICATIONS.
- GLAZED SECTIONS - SECTIONS SHALL BE RAYNOR SERIES "H" MADE FROM 6063T6 EXTRUDED ALUMINUM STILE AND RAIL CONSTRUCTION. GLASS ENCASED IN SOFT VINYL CHANNELS AND HELD IN PLACE WITH SNAP-IN EXTRUDED ALUMINUM RETAINER.
- FINISH - SECTIONS TO BE ENDURA COATED TO MATCH DOOR SECTIONS FULL VIEW GLAZING (AS SHOWN) - (DSB OR DSBT) (1/8" 1/4" 5/8") GLAZING (AS SHOWN) - 24"(610MM)x8"(203MM)x (1/8" 1/4" 5/8") RUBBER BY RAYNOR.



DOOR NUMBER	QTY	OPENING WIDTH	OPENING HEIGHT	ACTUAL WIDTH	ACTUAL HEIGHT	MODEL	JAMB W	JAMB M	JAMB ANG	LOCK	PANELS WIDE	PANELS HIGH	SECTION NUMBER	OPEN	FOR GLASS
							1	2	3	4	5	6	7	8	

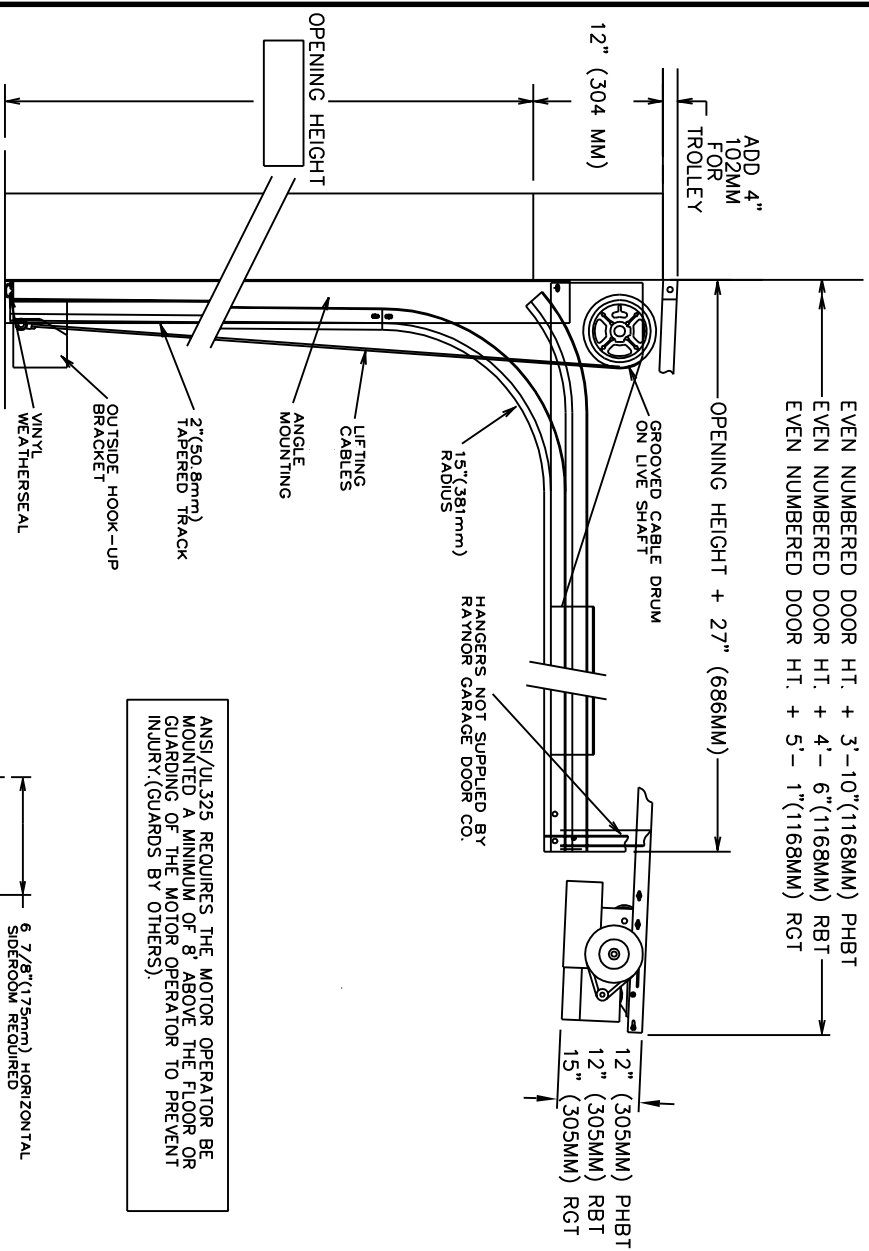
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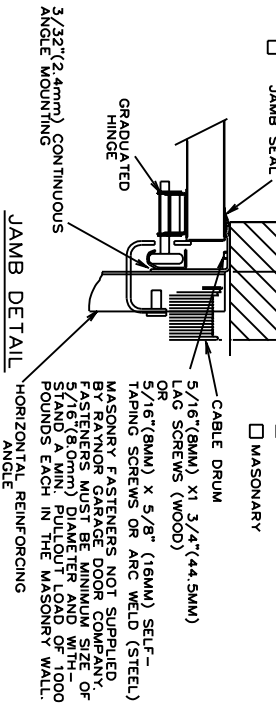
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SECTION THRU OPENING

ANSI/JUL325 REQUIRES THE MOTOR OPERATOR BE MOUNTED A MINIMUM OF 8' ABOVE THE FLOOR OR GUARDING OF THE MOTOR OPERATOR TO PREVENT INJURY. (GUARDS BY OTHERS).



- TRACKS - 2" (50.8mm) HOT-DIPPED GALVANIZED TRACK PER ASTM A-653. TRACKS SHALL BE FULLY WELDED TO JAMB AND REINFORCED WITH CONTINUOUS ANGLE.
- HARDWARE - HINGES AND BRACKETS MADE FROM GALVANIZED STEEL. TRACK ROLLERS SHALL HAVE TEN 1/4" (6.4mm) DIAMETER HARDENED STEEL BALLS PER ROLLER.
- SPRING COUNTERBALANCE - HEAVY DUTY OIL-TEMPERED WIRE TORSION SPRINGS ON A CONTINUOUS BALL BEARING CROSS-HEADER SHAFT GALVANIZED AIRCRAFT TYPE LIFTING CABLES WITH MIN. SAFETY FACTOR OF 5 TO 1.
- LOCKING - CREMONE TYPE BOLT ENGAGES SLOT IN TRACK, ----- HAND SIDE. FIVE PIN TUMBLER CYLINDER OUTSIDE - NIGHT LATCH INSIDE.
 - LOCKING - SPRING LOADED SLIDE BOLT ENGAGES SLOT IN TRACK.
 - OPERABLE FROM INSIDE ONLY - MAY BE MOUNTED EITHER SIDE
 - LOCKING - OMIT LOCK.
- LOCKS SHOULD NOT BE SUPPLIED WITH AN ELECTRIC OPERATED DOOR WITHOUT A LOCK INTERLOCK SWITCH.
- RAYNOR POWERHOIST BASIC (PHBT) 1/2 H.P., 115 VOLT, SINGLE PHASE
 - RAYNOR POWERHOIST STANDARD (RBT) ----- H.P., ----- VOLT, ----- PHASE
 - RAYNOR POWERHOIST OPTIMA (RGT) ----- H.P., ----- VOLT, ----- PHASE
 - WIRING TYPE-SR2 WIRING. MOMENTARY CONTACT OPEN/CLOSE/STOP. SAFETY EDGE TO REVERSE.
 - WIRING TYPE-SPECIAL (NOT AVAILABLE WITH PHBT OPERATORS)
 - SPECIFY SPECIAL WIRING TYPE -----
 - PNEUMATIC SAFETY EDGE TO REVERSE -----
 - COIL CORD OR
 - ELECTRICAL SAFETY EDGE TO REVERSE -----
 - CABLE TAKE UP REEL
 - THRU-BEAM PHOTO EYES