

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

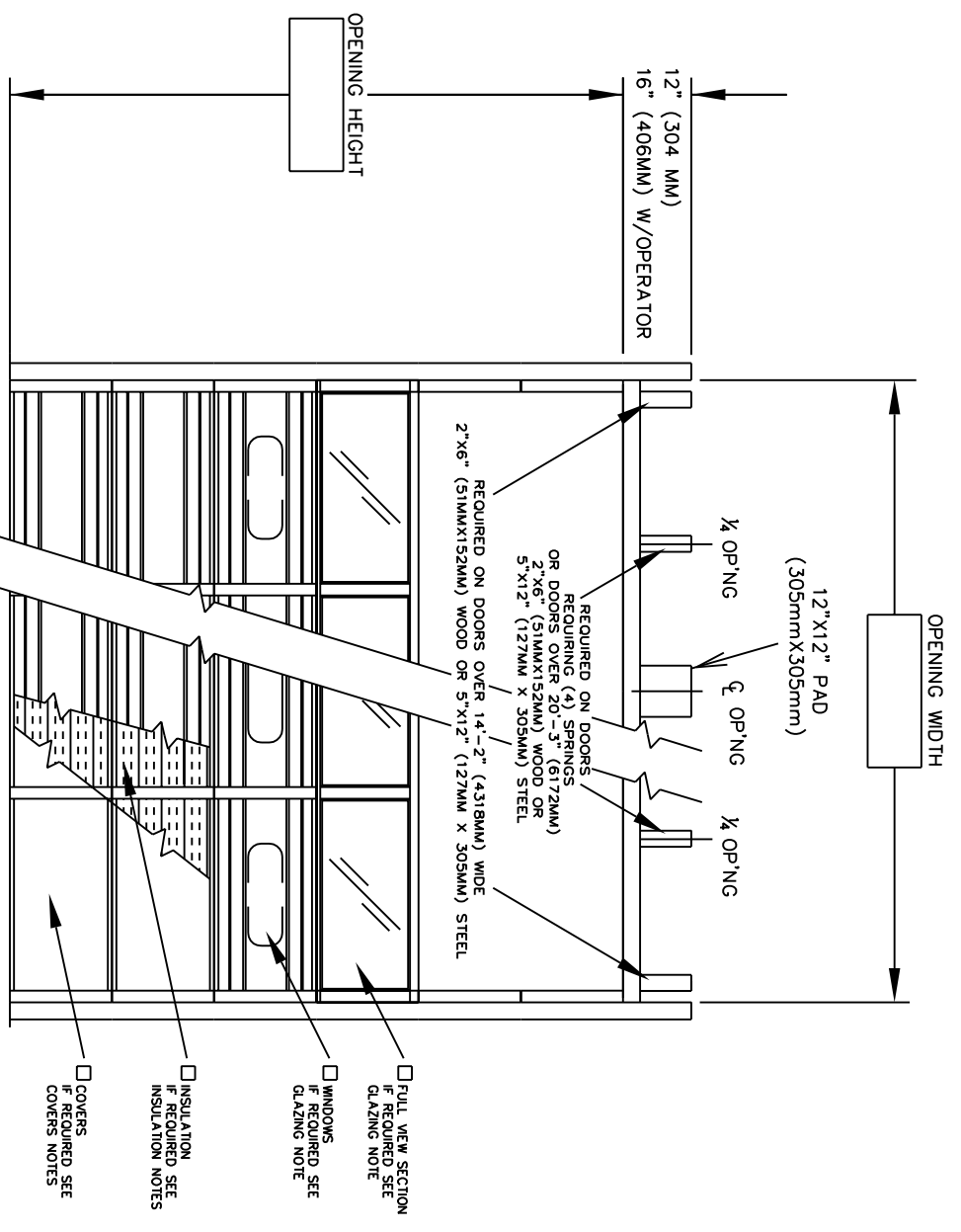
JOB: _____

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NR:2902513

STEEL FORM BASIC



12" (304 MM)
16" (406MM) W/OPERATOR

12"x12" PAD
(305mmx305mm)

1/4" OP'NG

1/4" OP'NG

REQUIRED ON DOORS
REQUIRING (4) SPRINGS
OR DOORS OVER 20"-3' (6172MM)
2"X6" (51MMx152MM) WOOD OR
5"X12 (127MM X 305MM) STEEL

REQUIRED ON DOORS OVER 14'-2" (4318MM) WIDE
2"X6" (51MMx152MM) WOOD OR 5"X12" (127MM X 305MM) STEEL

OPENING HEIGHT

OPENING WIDTH

INTERIOR ELEVATION

FULL VIEW SECTION
IF REQUIRED SEE
GLAZING NOTE

 WINDOWS
IF REQUIRED SEE
GLAZING NOTE

 INSULATION
IF REQUIRED SEE
INSULATION NOTES

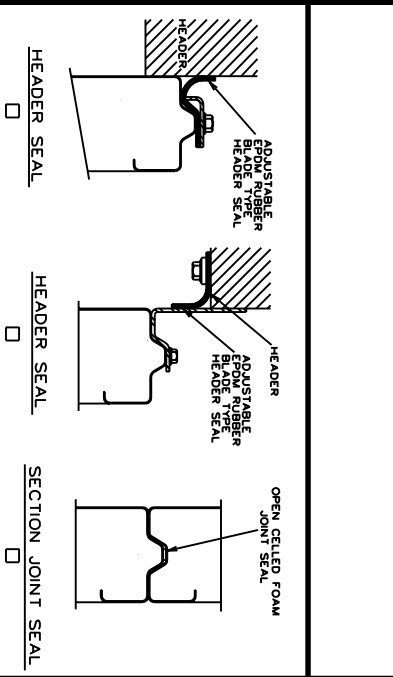
 COVERS
IF REQUIRED SEE
COVERS NOTES

- 1) DOORS SHALL BE STEEL SECTIONAL OVERHEAD TYPE RAYNOR SERIES S-24C (NOMINAL 24 GAUGE), AS MANUFACTURED BY RAYNOR GARAGE DOOR CO. SECTIONS SHALL BE 2" (50.8mm) THICK, ROLL-FORMED FROM COMMERCIAL QUALITY HOT-DIPPED GALVANIZED STEEL PER ASTM A-924 AND A-653. SECTIONS FOR HAVE A SMOOTH EXTERIOR SURFACE WITH TWO DEEP GROVES FOR INSULATION. EXTERIOR SURFACE SHALL BE POLISHED AND 16 GAUGE END STILES AND 16 GAUGE CENTER STILES, RIVETED TO EXTERIOR SURFACE WITH STAINLESS STEEL PANELS 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 POLY-ESTER ENAMEL OVER POLY-ESTER PRIMER. INTERIOR TO HAVE BAKED ON ENAMEL OVER POLY-ESTER PRIMER. INTERIOR TO BE PAINTED TO MATCH STRUCTURE.

- INSULATION- SECTIONS ARE INSULATED WITH 1 3/8" (34.9mm) THICK RIGID EXPANDED POLYSTYRENE INSULATION WITH FLAME RETARDANT ADITIVE. INSULATION MEETS UL TEST ASTM-84) VALUE IS 7.720.
- INSULATION- SECTIONS ARE INSULATED WITH 1 3/4" (44.5mm) SEMI-RIGID FIBERGLASS. INSULATION MEETS UL TEST ASTM-84 AND FEDERAL SPECIFICATION HH-1-52IE TYPE I. UL VALUE IS 1.132. R VALUE IS 7.157.
- INSULATION- SECTIONS ARE INSULATED WITH 1 3/8" (34.9mm) THICK RIGID EXPANDED POLYSTYRENE INSULATION. MEETS UL723 (ASTM-84) WITH A MAXIMUM FLAME SPREAD OF 25. INSULATION FACED WITH 0.015 (0.38mm) WHITE HAIRCCELL TEXTURED HIGH-IMPACT POLYSTYRENE. R-VALUE= 7.70AND U-VALUE= 0.130. (COVERS NOT REQUIRED)

- SECTIONS FURNISHED WITH (24, 20) GAUGE WHITE BAKED ON ENAMEL PAINTED COVERS, FITTING BETWEEN MULLIONS AND HORIZONTAL RAILS ON ALL SECTIONS.
- SECTIONS FURNISHED WITH (26, 24, 20) GAUGE GREY 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 ENAMEL PAINTED COVERS, FITTING BETWEEN VERTICAL MULLIONS AND HORIZONTAL RAILS ON ALL SECTIONS.

- GLAZED SECTIONS- SECTIONS SHALL BE RAYNOR SERIES "HL" MADE FROM 6063T6 EXTRUDED ALUMINIUM STILE AND RAIL CONSTRUCTION. GLASS ENCASED IN SOFT VINYL CHANNELS AND HELD IN PLACE WITH SNAP-IN EXTRUDED ALUMINIUM RETAINER.
- FINISH- SECTIONS TO BE ENDURA COATED TO MATCH DOOR SECTIONS FULL VIEW GLAZING (AS SHOWN)- (DSB OR DSB1)
- GLAZING (AS SHOWN)- 24"(610MM)x8"(203MM)x----- (1/8", 1/4", 5/8") RUBBER BY RAYNOR.



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

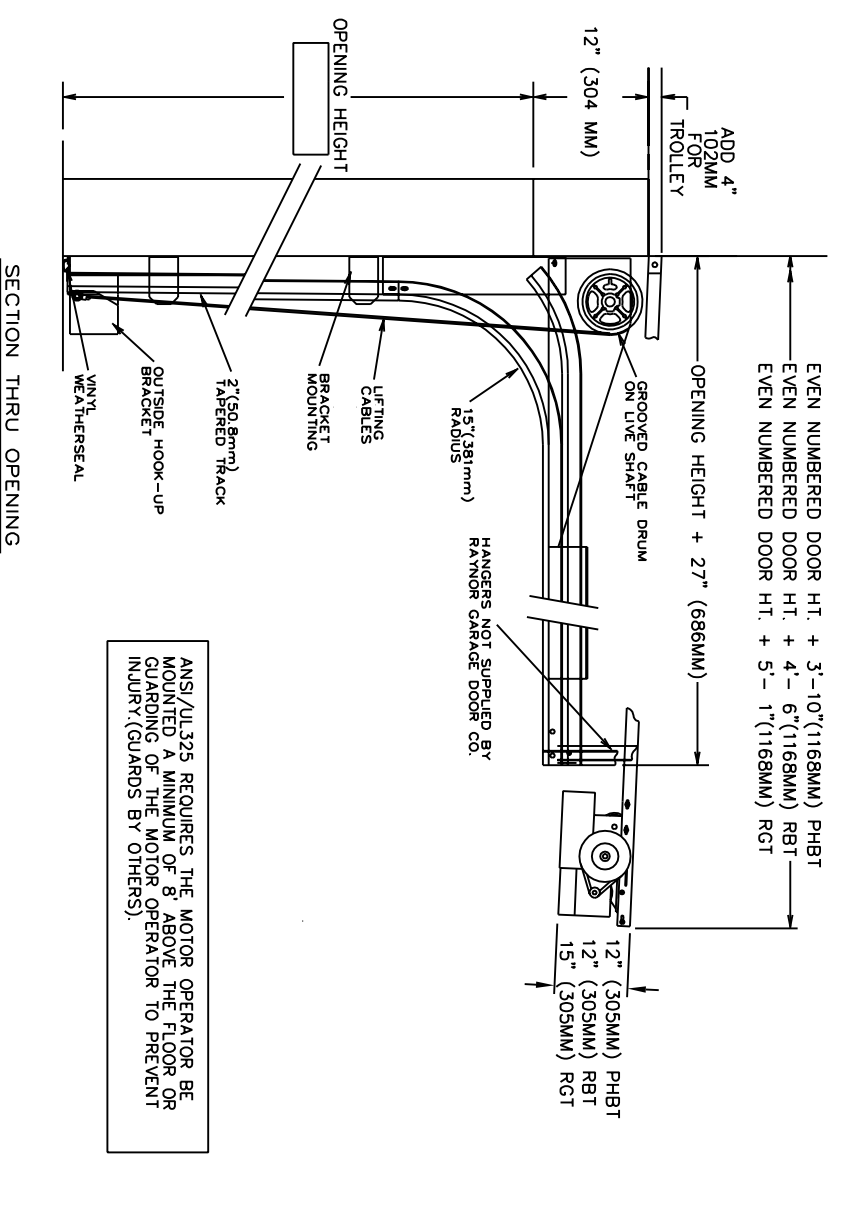
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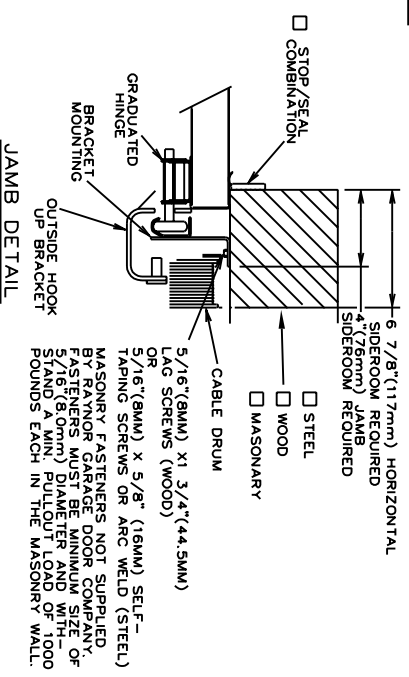
CONTR: _____

ARCH: _____

RAYNOR
NR:2902513



ANSI/UL325 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 ARE TO BE FULLY INSTALLED FOR SEALS TO JAMB HORIZONTAL TRACK TO BE ABSOLUTELY 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 - CREWONE 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
- ELECTRICAL SAFETY EDGE TO REVERSE CABLE TAKE UP REEL
- THRU-BEAM PHOTO EYES