ALUMAVIEW OPTIMA

OPENING WIDTH

12"X12" PAD
(305mmx305mm)

1/8" OP'NG

1/8" OP'NG

HEADROOM

OPENING HEIGHT

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

1) Doors shall be aluminum sectional overhead type Raynor series AV300 as manufactured by Raynor Garage Door Co. Sections shall be 3" (76.2mm) thick 6063-T6 aluminum alloy frame with .050" (1.3mm) thick aluminum panels. Stiles and rails to be joined together with 5/16" (7.9mm) dia. screws. Panels and glass to be held in place with dual diurometer snap-in top rolls to be 3-3/8" (85.7mm), bottom rolls to be 6-7/16" (163.5mm). Combined dimension of the two intermediate rolls to be 5" (127mm). End stiles shall be 2-3/8" (66.7mm). Center stiles to be 2-5/8" (66.7mm). Bottom roller of door to have vinyl weatherstrip to seal door to floor. Extrusions and panels to be etched and clear anodized to meet spec 204r1. Doors with full glass, up to 24'-2" (7368mm) wide, available with special anodized finishes or armorbrite colors.

☐ GLASS (CLEAR)_______ (DSB 3/16"(4.8MM) OR DSB 1/4" (6.4MM))
☐ GLASS (WIRE)_______ (DSB 3/16"(4.8MM) OR DSB 1/4" (6.4MM))
☐ GLASS (TEMPERED)______ (1/8"(3.2MM), 3/16"(4.8MM) OR 1/4" (6.4MM))
☐ PLEXIGLASS_______ (1/8"(3.2MM) OR1/4" (6.4MM))
☐ LEXAN_________ (1/8"(3.2MM) OR1/4" (6.4MM))

☐ LOCKING - CREWNE 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.
tracks—7" (178mm), hot-dipped galvanized track per astm a-853, to be bracket mounted, and fully adjustable for sealing door to jamb. horizontal track to be adequately 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.

ansi/ul325 requires the motor operator be mounted a minimum of 8" above the floor or guard rail of the motor operator to prevent injury (guards by others).

☐ raynor powerhoist basic (phbr) 1/2 h.p., 115 volt, single phase
☐ raynor powerhoist basic (phbh) 1/2 h.p., 115 volt, single phase
☐ raynor powerhoist basic (phbj) 1/2 h.p., 115 volt, single phase
☐ raynor powerhoist standard (rjs) 1/2 h.p., 115 volt, single phase
☐ raynor powerhoist standard (rjh) 1/2 h.p., 115 volt, single phase
☐ raynor powerhoist optimax (rgj) 1/2 h.p., 115 volt, single 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
☐ electric safety edge to reverse ☐ cable take up reel
☐ thru-beam photo eye

jackshaft mounting detail
position # ________ required
(typical dimensions)

raynor does not recommend the use of a jackshaft operator on doors with less than or equal to 30" (762mm) of headroom. raynor recommends the use of a trolley type operator in these situations.