AV300

1) Doors shall be aluminum sectional overhead type Raynor series AV300 as manufactured by Raynor Garage Door Co. Sections shall be 3/8" (9.5mm) 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 durometer snap-in, top rails to be 3-3/8" (85.7mm), bottom rails to be 6-7/8" (163.5mm). Combined dimension of the two intermediate rails to be 5" (127mm). End stiles shall be 3-3/8" (85.7mm). Center stiles to be 2-5/8" (66.7mm). Bottom roll of door to have vinyl weatherstrip to seal door to floor. Extrusions and panels to be anodized 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))
☐ PLEXIGLAS: (1/8" (3.2MM) OR 1/4" (6.4MM))
☐ LEXAN: (1/8" (3.2MM) OR 1/4" (6.4MM))

☐ LOCKING - CREMONA 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 - OX MIX LOCK.

LOCKS SHOULD NOT BE SUPPLIED WITH AN ELECTRIC OPERATED DOOR WITHOUT A LOCK INTERLOCK SWITCH.

INTERIOR ELEVATION
### Door Number
<table>
<thead>
<tr>
<th>QTY</th>
<th>OPENING WIDTH</th>
<th>OPENING HEIGHT</th>
<th>ACTUAL WIDTH</th>
<th>ACTUAL HEIGHT</th>
<th>MODEL</th>
<th>JAMB MOUNTING</th>
<th>LOCK</th>
<th>PANELS WIDE</th>
<th>PANELS HIGH</th>
<th>SECTION NUMBER OPEN FOR GLASS</th>
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<tbody>
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<td>1 2 3 4 5 6 7 8</td>
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</tbody>
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### JOB
- DISTR: 
- CONTR: 
- ARCH: NR:2902475

### Track Details
- 3" (76.2mm) hot-dipped galvanized track, per ASTM A-853, to be continuous angle mounted and fully adjustable for sealing door to jamb. Continuous angle size to not less than 3-1/2" x 3-1/2" (88.9mm x 88.9mm). Horizontal track to be adequately reinforced with continuous angle.

### Hardware Details
- Hinges and brackets made from galvanized steel. Track rollers shall have ten 5/16" (7.9mm) diameter hardened steel balls per roller.

### Spring Details
- 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 3 to 1.

### ANSI/A1L325
- Requires the motor operator be mounted a minimum of 6" above the floor or guarding of the motor operator to prevent injury (guards by others).

### Motor Options
- 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
- ELECTRIC SAFETY EDGE TO REVERSE  ☐ CABLE TAKE UP REEL
- THRU-BEAM PHOTO EYES

### Diagram Elements
- Opening Height + 27" (686mm)
- Opening Height
- Vinyl Weatherseal
- Section Thru Opening
- Snap-On Vinyl Jamb Seal
- Jamb Detail
- 6 1/4" (159mm) Horizontal Sidewall Required
- 3 3/4" (99mm) Jamb Sidewall Required
- 5/16" (8mm) x 3/4" (19mm) Lag Screws (Wood)
- 5/16" (8mm) x 5/8" (16mm) Self-Taping Screws OR ARC WELD (Steel)
- Masonry Fasteners Not Supplied. Masonry Fasteners Must Be Minimum Size of 5/16" (8mm) Diameter and Withstand a Min. Pullout Load of 1000 Pounds Each in the Masonry Wall, Horizontal Reinforcing Angle
- Continuous Angle Mounting

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