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

DISTR:

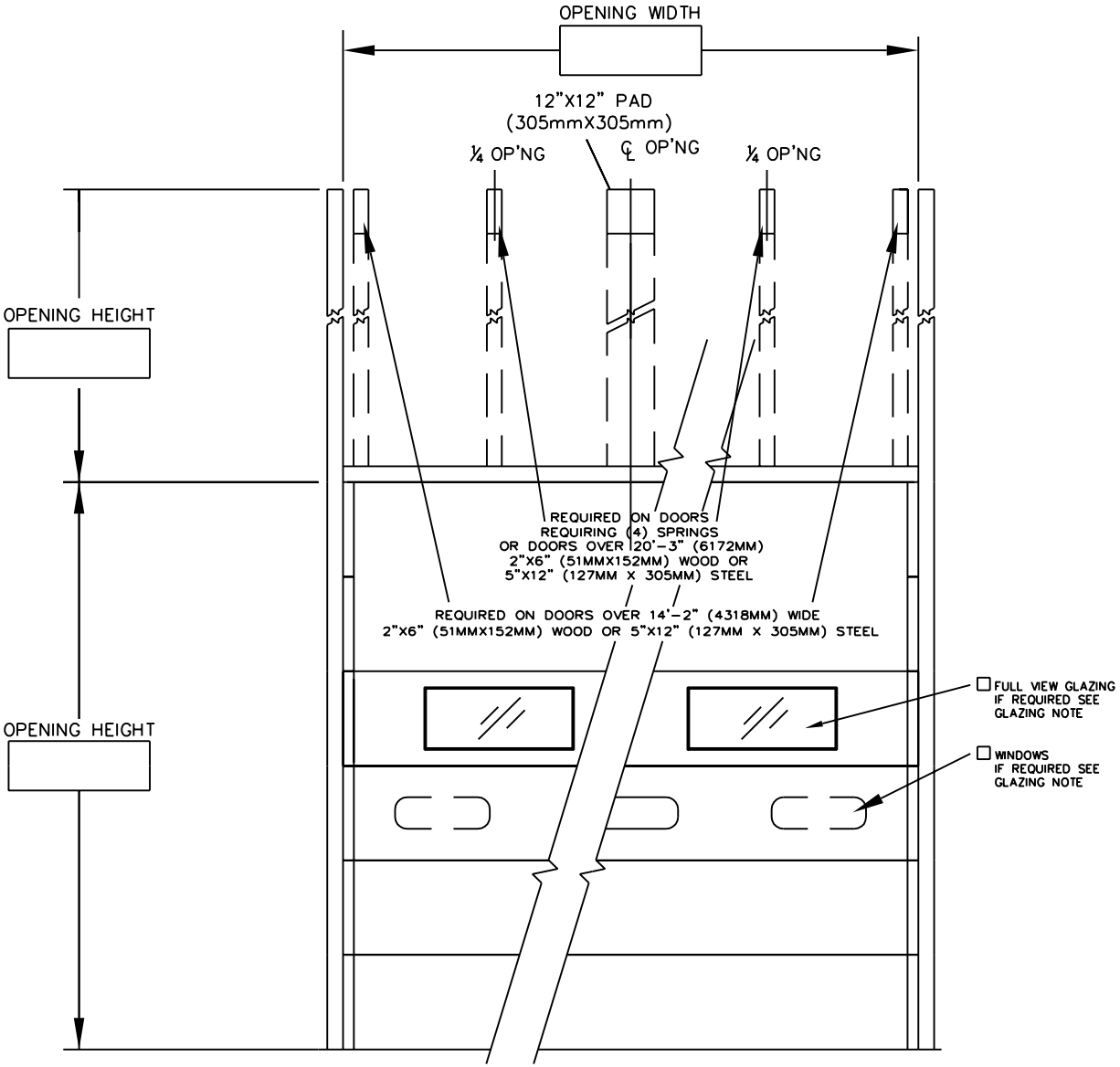
CONTR:

ARCH:

RAYNOR

NR:2904052

# TRICORE STANDARD




INTERIOR ELEVATION

SHEET 1 OF 2

1) DOORS SHALL BE RAYNOR SECTIONAL OVERHEAD TYPE TRI-CORE STANDARD 'TC', AS MANUFACTURED BY RAYNOR GARAGE DOOR CO.. SECTIONS SHALL BE 3" (76.2mm) THICK, ROLL-FORMED FROM COMMERCIAL QUALITY HOT-DIPPED GALVANIZED STEEL PER ASTM-924 AND A-653. DOOR SECTIONS CONSTRUCTED OF 25 GAUGE, STUCCO-EMBOSSED, EXTERIOR AND INTERIOR SKINS MECHANICALLY INTERLOCKED AND PRESSURE BONDED TO A 2 7/8" (73.0mm) THICK EXPANDED POLYSYTRENE CORE. EXTERIOR AND INTERIOR SKINS TO BE SEPARATED BY A CONTINUOUS DUAL DUROMETER VINYL EXTRUSION, HELD IN PLACE BY A MECHANICAL INTERLOCK, TO FORM AN EFFECTIVE THERMAL BREAK AND COMPLETE WEATHER-TITE SEAL ALONG THE ENTIRE SECTION JOINTS. END STILES TO BE 14 GAUGE, SEPERATED FROM EXTERIOR SKIN WITH VINYL THERMAL BREAK. WHEN TESTED IN ACCORDANCE WITH ASTM C-177, TRICORE HAS THE FOLLOWING ENERGY VALUES: R-VALUE= 16.05 AND U-VALUE= 0.065.
FINISH- EXTERIOR/INTERIOR OF DOOR SKINS PRE-COATED PRIOR TO ROLL -FORMING WITH A TWO COAT PROCESS OF BAKED ON POLYESTER FINISH OVER EPOXY PRIMER. _____EXTERIOR (WHITE, OR DARK BROWN, BEIGE, SEPIA, AND FROST WHITE KYNAR AND WHITE INTERIOR.

☐ GLAZING- LITE INSERTS TO BE FULL VIEW TYPE BY RAYNOR. SECTION CUTOUT SIZE= 37 3/16"(944.6MM)X15 7/16"(392.1MM). GLASS SIZE= 36 1/4"(920.7MM)X14 1/2"(368.3MM)X5/8"(16MM). GLASS BY OTHERS.

☐ GLAZING- LITE INSERTS TO BE FULL VIEW TYPE BY RAYNOR. SECTION CUTOUT SIZE= 43 3/16"(1097MM)X15 7/16"(392.1MM). GLASS SIZE= 42 1/4"(1073.1MM)X14 1/2"(368.3MM)X5/8"(16MM). GLASS BY OTHERS.

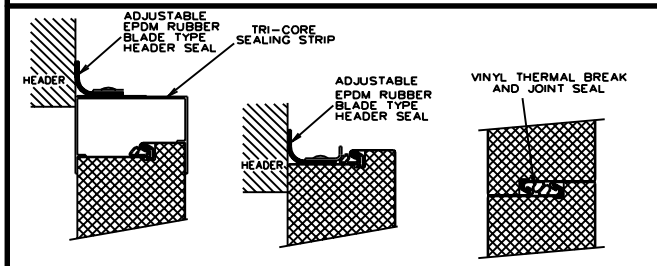
☐ GLAZING (AS SHOWN)- 24" (610MM)X8"(203MM)X ____ (1/8", 1/4",5/8") RUBBER BY RAYNOR

☐ 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.




HEADER SEAL ☐ HEADER SEAL ☐ DOUBLE JOINT SEAL ☐

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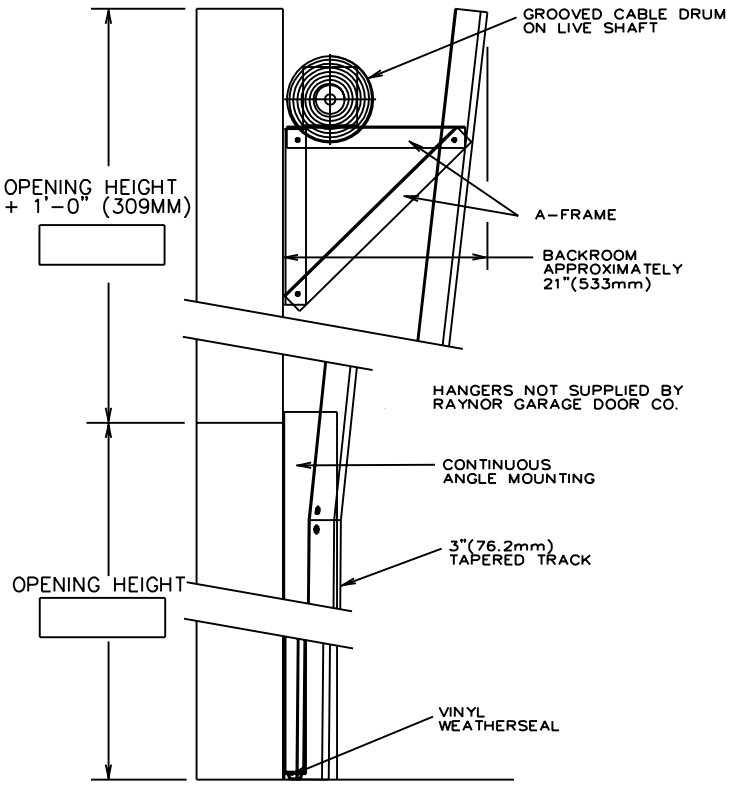
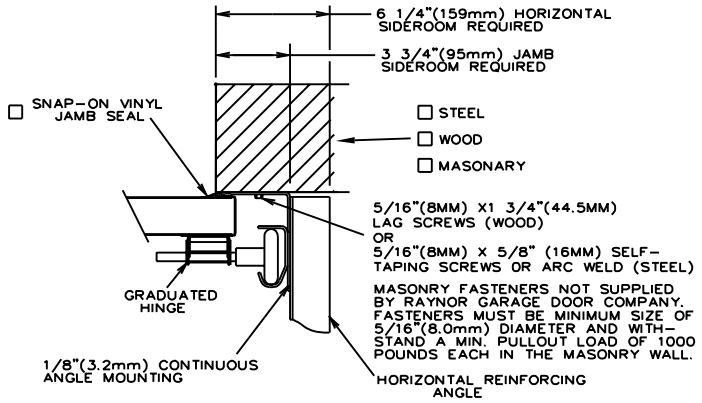



SECTION THRU OPENING




JAMB DETAIL

SHEET 2 OF 2

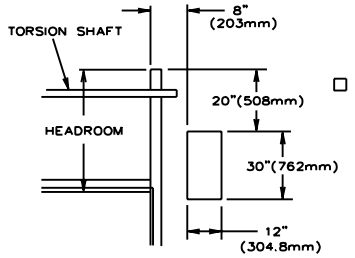
TRACKS- 3" (76.2mm) HOT-DIPPED GALVANIZED TRACK, PER ASTM A-653, TO BE CONTINUOUS ANGLE MOUNTED, AND FULLY ADJUSTABLE FOR SEALING DOOR TO JAMB. CONTINUOUS ANGLE SIZE TO BE NOT LESS THAN 3-1/2"X6"X1/8" (88.9mmX152mmX3.2mm). HORIZONTAL TRACK TO BE ADEQUATELY REINFORCED WITH CONTINUOUS ANGLE.

HARDWARE- HINGES AND BRACKETS MADE FROM GALVANIZED STEEL. TRACK ROLLERS SHALL HAVE TEN 5/16" (7.9mm) 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 GUARDING OF THE MOTOR OPERATOR TO PREVENT INJURY.(GUARDS BY OTHERS).

- ☐ RAYNOR POWERHOIST BASIC (PHBJR) 1/2 H.P., 115 VOLT, SINGLE PHASE
- ☐ RAYNOR POWERHOIST BASIC (PHBHR) 1/2 H.P., 115 VOLT, SINGLE PHASE
- ☐ RAYNOR POWERHOIST BASIC (PHBJ) 1/2 H.P., 115 VOLT, SINGLE PHASE
- ☐ RAYNOR POWERHOIST BASIC (PHBJH) 1/2 H.P., 115 VOLT, SINGLE PHASE
- ☐ RAYNOR POWERHOIST STANDARD (RBJ) ___ H.P., ___ VOLT, ____ PHASE
- ☐ RAYNOR POWERHOIST STANDARD (RBJH) ___ H.P., ___ VOLT, ____ PHASE
- ☐ RAYNOR POWERHOIST OPTIMA (RGJH) ___ 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
- ☐ ELECTRIC SAFETY EDGE TO REVERSE
- ☐ COIL CORD OR ☐ CABLE TAKE UP REEL
- ☐ THRU-BEAM PHOTO EYES




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.