| 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:

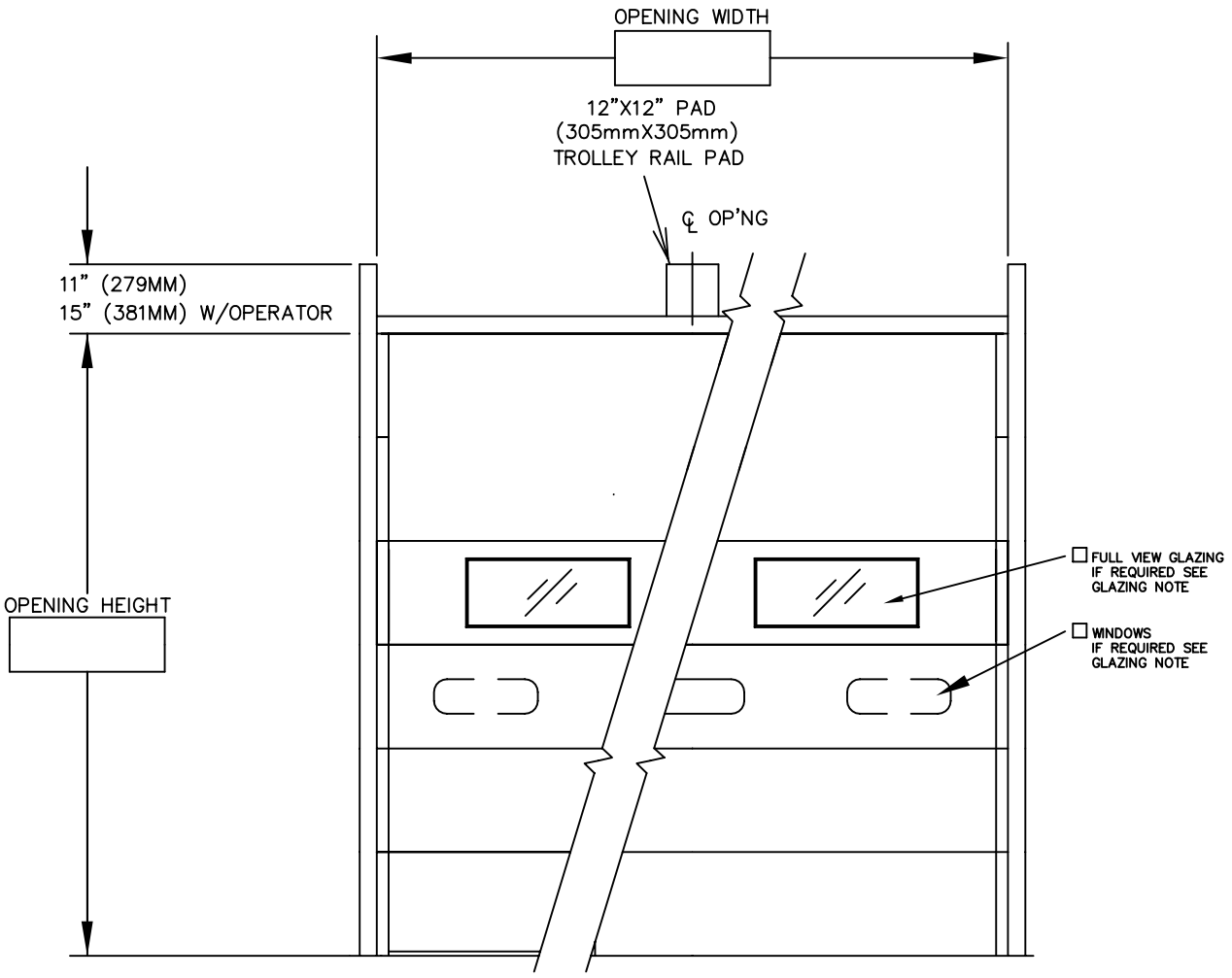
CONTR:

ARCH:

RAYNOR

NR: 2902439

# TRICORE OPTIMA




INTERIOR ELEVATION

1) DOORS SHALL BE RAYNOR SECTIONAL OVERHEAD TYPE TRI-CORE OPTIMA (TC20), 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 ARE CONSTRUCTED OF 20 GAUGE, SMOOTH EXTERIOR SKIN AND 25 GAUGE,STUCCO-EMBOSSED PRESSURE BONDED TO A 2 7/8" 973.0mm) THICK EXPANDED INTERIOR SKIN. THE SKINS ARE MECHANICALLY INTERLOCKED AND POLYSYTRENE CORE. EXTERIOR AND INTERIOR SKINS ARE SEPARATED BY A CONTINUOUS DUAL DUROMETER VINYL EXTRUSION, HELD IN PLACE BY MECHANICAL INTERLOCK, TO FORM AN EFFECTIVE THERMAL BREAK AND COMPLETE WEATHER-TITE SEAL ALONG THE ENTIRE SECTION JOINT. END STILES TO BE 14 GAUGE, SEPARATED FROM EXTERIOR SKIN WITH A VINYL THERMAL BREAK. WHEN TESTED IN ACCORDANCE WITH ASTM C-177, TRICORE SECTIONS HAVE 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. WHITE EXTERIOR AND WHITE INTERIOR.

☐ TC 20/20 – 20 GAUGE INTERIOR SKIN

☐ 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.

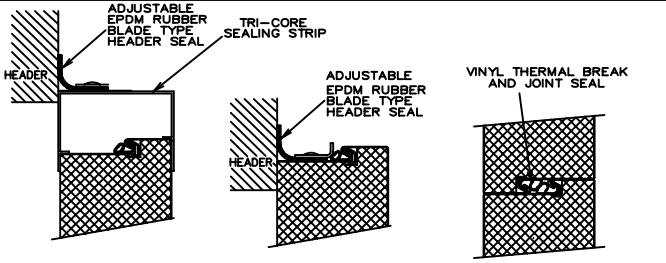
☐ GLAZING (AS SHOWN)- 24" (610MM)X8"(203MM)X _____ (1/8", 1/4",5/8") RUBBER BY RAYNOR

☐ 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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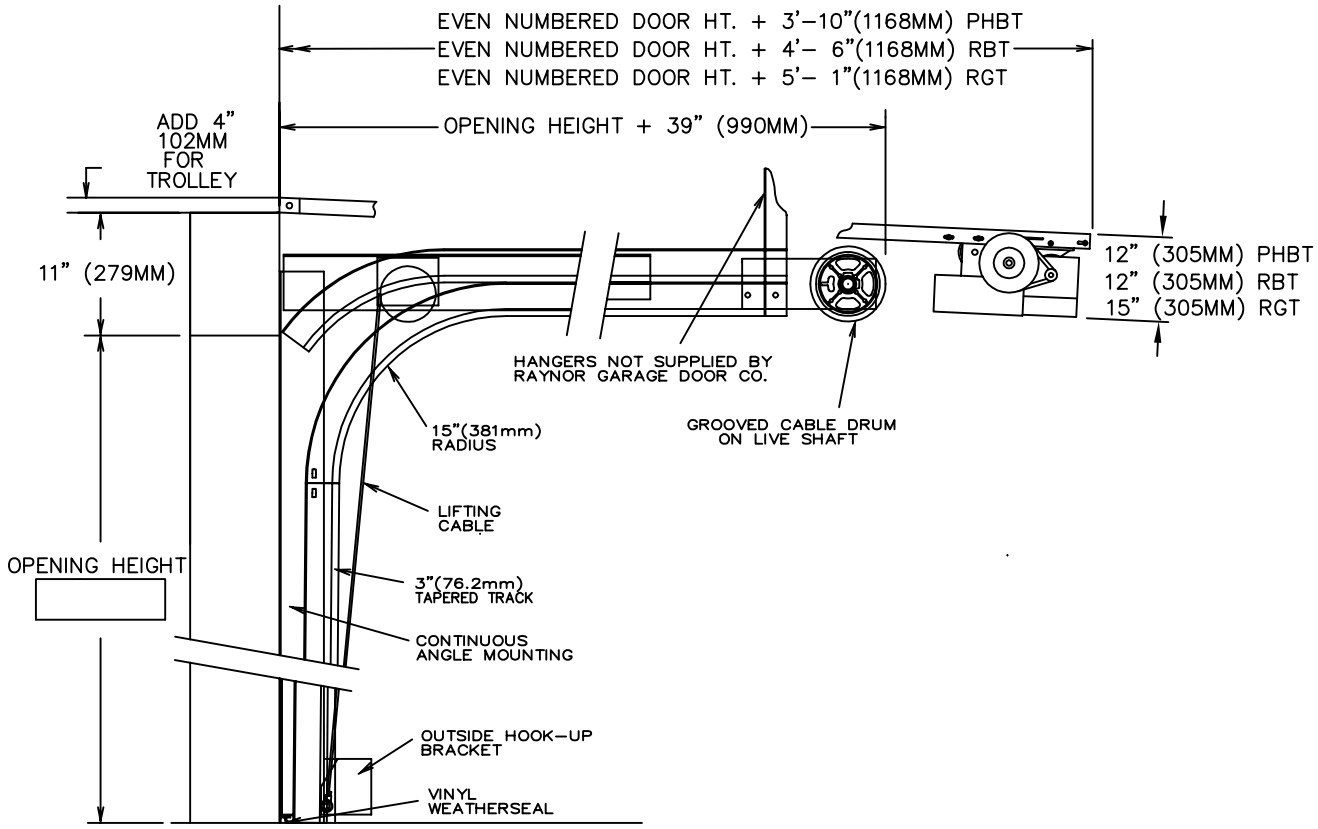
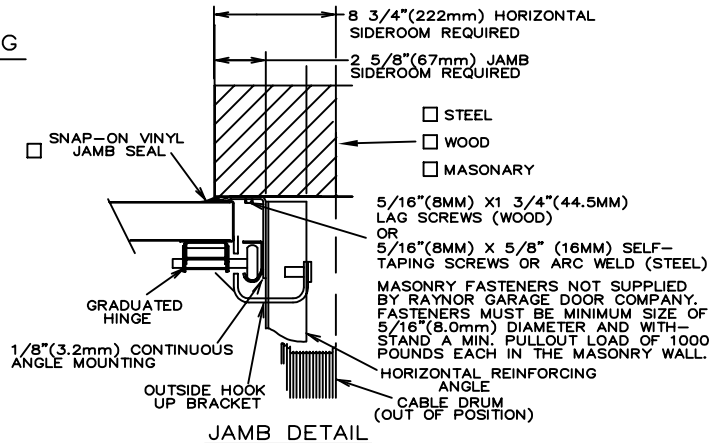



SECTION THRU OPENING




JAMB DETAIL

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. GALVA–NIZED 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 (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
- ☐ ELECTRIC SAFETY EDGE TO REVERSE
- ☐ THRU–BEAM PHOTO EYES
- ☐ COIL CORD OR ☐ CABLE TAKE UP REEL