



CONTRACTOR REQUIREMENTS FOR THE **RAM CRYSTAL** RESIDENTIAL ELEVATOR

- **PIT AT LOWEST LEVEL**
 1. Pit to be built/cribbed to proper depth (typically 3") or a ramp will be required at the lowest level
 2. Pit floor to be reasonably smooth and level, and able support elevator loads as outlined.
 3. Pit should be sealed to prevent accumulation of ground water.
 4. This lift is fastened to the floor. In floor heating will need to be re-routed accordingly.

- **HOISTWAY FRAMING AND DOORS**
 1. Hoistway to be built to size as per issued elevator drawings
 2. Hoistway should be square, plumb and level to within 1/8" over 30 feet of elevation.
 3. All measurements are to "finished inside dimensions"
 4. Any deviations from shop drawings must be communicated prior to the elevator going into production. Changes made after the elevator order is placed may incur additional costs.
 5. All hoistway finishing (drywall, taping, sanding, painting etc.) to be completed prior to installation
 6. Doors and passage sets to be provided by the builder/contractor unless otherwise noted. Our preference is to use solid core doors.
 7. Location of all doors/rough openings to be measured off the rail wall.
 8. All doors to be aligned vertically with no variations level to level.
 9. Safety wedges on all doors (other than top floor) unless a car gate is used.
 10. All hoistway walls containing doors shall be framed with 2"X 4" wood studs.
 11. Allow for manual crank access from the exterior of the shaft as per the drawings
 12. Rail wall of the elevator is typically wood construction with doubled up 2"x6" at the locations shown on the elevator drawings
 13. Working platforms constructed 12 inches from the rail wall will be required at each landing above floor 1
 14. Rail wall must be built plumb and able to support indicated loads.
 15. The controller sits in the hoistway rail wall (typically at the top). A cut out at the requested location to accommodate the controller will be required. Finishing work and or a cover cabinet may be required.

- **Electrical**
 1. 220V/1PH/60Hz (location as per drawings – ran to the controller) on a dedicated 20A breaker + 110 VAC (15A)
 2. Light and GFI receptacle located on the shaft ceiling as per the drawings
 3. Pit light and GFI receptacle located at the bottom of the hoistway as per the drawings
 4. Telephone service (optional), ran to the top of the rail wall

- **GENERAL SAFETY**
 1. Prior to installation, barricades must be in place at all hoistway openings.
 2. Working platforms constructed 12 inches from the rail wall will be required at each landing above floor 1
 3. Installer's cannot work when lacquers, stains or other toxic coatings are being applied.
 4. I have read and understand the 3x5 rule
 5. No other trades can work in the hoistway during the elevator installation.

Please sign and return this document so that the installation can be scheduled

Job Name and Builder _____

Signed _____ Name _____ Date _____

Please contact Uppercut Elevators and Lifts with any questions Calgary 403.519.3186 Edmonton 587.597.9959