

TABLE 1  
RAIL FORCES

*R1	*R2
500 lbf	1570 lbf
RAIL WEIGHT: 80 lbs / ft	

FOR TOTAL PULL-OUT FORCE ON RAIL BRACKET,  $6g \times 720 = 1440 \text{ lbf}$  FOR LOCAL APPLICATION OF PIT LOAD, R1 MUST BE DOUBLED.

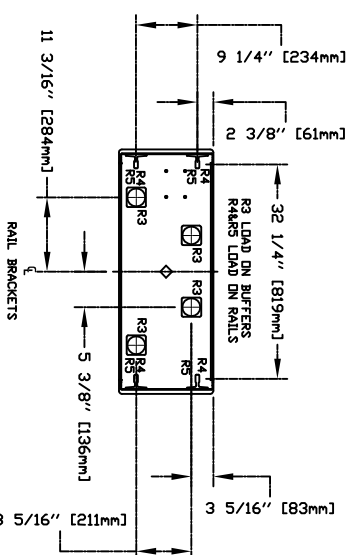


TABLE 2  
LOADS ON PIT

PIT RE-ACTION FORCE	LOADS
R3	8000 LBS
R4	3000 LBS
R5	9500 LBS



DOOR SWING

RESIDENTIAL ELEVATOR  
ZENITH MODEL 36X48 TYPE 1L-29 1/2 + SWING

**GENERAL**  
HOISTWAY- THE HOISTWAY MUST BE IN ACCORDANCE WITH SAFETY CODE FOR ELEVATORS AND ESCALATORS (ASME A17.1) AND ALL STATE AND LOCAL CODES. RUNNING CLEARANCES DIVER/AGENT MUST ENSURE THAT HOISTWAY AND PIT (WHERE PROVIDED) ARE LEVEL, PLUMB AND SQUARE AND ARE IN ACCORDANCE WITH THE DIMENSIONS ON THESE DRAWINGS.  
MINIMUM OVERHEAD CLEARANCE- DIVER/AGENT MUST ENSURE MINIMUM OVERHEAD CLEARANCE IS IN COMPLIANCE WITH CODES. CONSTRUCTION SITE- DIVER/AGENT TO PROVIDE ALL MASONRY, CARPENTRY AND DRYWALL WORK AS REQUIRED AND SHALL PATCH AND MAKE GOOD (INCLUDING FINISH PAINTING) ALL AREAS WHERE WALLS/FLOORS MAY REQUIRE TO BE CUT, DRILLED OR ALTERED IN ANY WAY TO PERMIT THE PROPER INSTALLATION OF THE LIFT. DIMENSIONS- CONTRACTOR/CUSTOMER TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.  
**\*STRUCTURAL**  
FLOOR/SUBFLOOR WALL LOADS- STRUCTURE TO ANCHOR A CRANK SHaft AND SAFETY HARNESS, WHERE APPLICABLE/NEEDED, TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO ASSURE THAT BUILDING AND SHaft WALL SUPPORT ALL LOADS THIS IMPOSED BY THE LIFT EQUIPMENT, REFER TO THE TABLES THIS DRAWING FOR LOADS IMPOSED BY THE EQUIPMENT.  
**\*MACHINE ROOM (WHERE REQUIRED)**  
LOCATION / ACCESS- MACHINE ROOM LOCATED AT THE LOWEST LEVEL ADJACENT TO HOISTWAY, UNLESS SHOWN OTHERWISE ON THE LAYOUT DRAWINGS. FIELD ADJUSTMENT BY INSTALLER MAY BE NECESSARY TO MEET JOB SITE CONDITIONS OR REGULATIONS. MACHINE ROOM DOOR IS TO BE LOCKABLE AND IS TO MEET THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. SLEEVES FOR ELECTRIC LINES- FROM MACHINE ROOM TO HOISTWAY AS REQUIRED. POSITION PER INSTALLERS INSTRUCTIONS.  
**TABLE 3**

DISCONNECT THE DELTA	FLA
SIZE	PHASE
MOTOR & EQUIP 30 AMPS 208 volt	Three Phase 88.9 AMPS
MOTOR & EQUIP 60 AMPS 240 volt	Single Phase 35.0 AMPS
CAB LIGHTS 15 AMPS 115 V	Single Phase

**\*ELECTRICAL**  
POWER SUPPLY- (SEE SPECIFICATIONS) LOCKABLE FUSED DISCONNECT WITH AUXILIARY CONTACT TO BREAK THE BATTERY FEED, OR CIRCUIT BREAKERS WITH A 3-POLE BREAKER FOR BATTERY FEED REQUIRED, IN COMPLIANCE WITH ELECTRICAL CODE, AS FOLLOWS:  
LOCATED ON WALL ON LOCK JAMB SIDE OF MACHINE ROOM DOOR. PERMANENT POWER- BEFORE INSTALLATION CAN BEGIN, PERMANENT POWER MUST BE SUPPLIED.  
LIGHTING- THE ILLUMINATION SHALL BE NOT LESS THAN 200 LX (19 FD) AT THE FLOOR LEVEL IN ALL MACHINE ROOMS AND MACHINERY SPACES. ENSURE AT LEAST 100 LX (10 FD) AMBIENT LIGHTING OVER LIFT AREA. PHONE- NEED A DEDICATED PHONE LAND LINE.  
**\*ENTRANCES**  
FASCIA PANEL BELOW UPPER LEVEL ENTRANCE- WHERE REQUIRED, FASCIA PANEL MUST BE FASTENED TO A SOLID WALL, AND BE PERMANENTLY FASTENED TO THE WALL. FASCIA IS NOT SELF-SUPPORTING FOR LONG DISTANCES RUNS VOID OF ENTRANCES. ADEQUATE SUPPORT FOR THE FASCIA MUST BE PROVIDED.  
**NOTE LETTING BEAM**  
A 4000LB MIN SWL BEAM MUST BE PROVIDED IN THE OVERHEAD BEAM TO BE POSITIONED AS SHOWN IN ELEVATION & PLAN VIEWS. FOR OVERHEAD OF 108" POSITION THE UNDERSIDE OF BEAM AT 104" & BEAM MUST BE TEMPORARY.  
**NOTE C**  
ALL INFORMATION IS SUBJECT TO CHANGE.  
PLEASE REFERENCE OUR ON-LINE DRAWINGS AT [WWW.SAVARIA.COM](http://WWW.SAVARIA.COM) FOR THE MOST RECENT UPDATES

CUSTOMER: \_\_\_\_\_  
PROJECT: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
INSTALL DATE: \_\_\_\_\_  
COMPLIANT BY: \_\_\_\_\_  
AND MAY NOT BE USED BY OTHERS WITHOUT WRITTEN CONSENT

**savaria**

SHEET # 1/1