

TABLE 1  
RAIL FORCES

RAIL WEIGHT	R1	R2
500 Lbf	1570	1676
RAIL WEIGHT	180 lbs / 783	

FOR TOTAL PULL-OUT FORCE ON RAIL BRACKET, 492 x 720 = 1440 lbf FOR LOCAL APPLICATION OF PIT LOAD, R1 MUST BE DOUBLED.

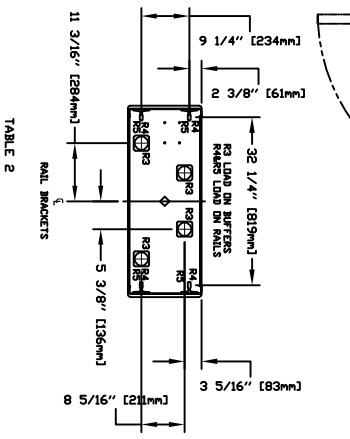


TABLE 2  
LOADS ON PIT

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

PROVISIONS BY OTHERS

**GENERAL**  
**HOSTWAY** - THE HOSTWAY MUST BE IN ACCORDANCE WITH SAFETY CODE FOR ELEVATORS AND ESCALATORS' (ASME A17.2) AND ALL STATE AND LOCAL CODES.  
**CLUB HOISTWAY** - DUE TO CLOSE RUNNING CLEARANCES OVER/AGENT LEVEL, PLUMB AND SQUARE AND ARE IN ACCORDANCE WITH THE DIMENSIONS IN THESE DRAWINGS.  
**MINIMUM OVERHEAD CLEARANCE** - OVER/AGENT MUST ENSURE MINIMUM OVERHEAD CLEARANCE IS IN COMPLIANCE WITH CODES. HANGING, CARPENTRY AND MECHANICAL WORK AS REQUIRED FOR ALL SMALL PATCH AND WALLS/FLOORS MAY REQUIRE TO BE CUT, DRILLED OR ALTERED IN ANY MANNER TO PERMIT THE PROPER INSTALLATION OF THE LIFT. CONTRACTOR/CUSTOMER TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.  
**STRUCTURAL**  
**FLOOR/SUPPORT WALL LOADS** - STRUCTURE TO ANCHOR A CRAWL SHaft AND SAFETY HARNES, WHERE APPLICABLE/REQUIRED, TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO ASSURE THAT BUILDING AND SHaft WALL SAFETY SUPPORT ALL LOADS INCLUDING THE WEIGHT OF THE EQUIPMENT. TRAILS ON THIS DRAWING FOR LOADS IMPOSED BY THE EQUIPMENT.  
**MACHINE ROOM (WHERE REQUIRED)**  
 LOCATION / ACCESS - MACHINE ROOM LOCATED AT THE LOWEST LEVEL ADJACENT TO HOSTWAY, UNLESS SHOWN OTHERWISE ON THE LAYOUT DRAWINGS. FIELD ADJUSTMENT BY INSTALLER MAY BE NECESSARY TO MEET JOB SITE CONDITIONS OR REGULATIONS. CONTRACTOR TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE AUTHORITY HAVING JURISDICTION. SLEEVES FOR ELECTRIC LINES - FROM MACHINE ROOM TO HOSTWAY AS REQUIRED. POSITION PER INSTALLERS INSTRUCTIONS.

TABLE 3  
ELECTRICAL

WIRE & EQUIP	AMP	VOLTS	PHASE	FLA
WIRE & EQUIP	80 AMPS	208 VOLT	THREE PHASE	28.9 AMPS
WIRE & EQUIP	60 AMPS	208 VOLT	SINGLE PHASE	35.0 AMPS
CAB LIGHTS	15 AMPS	115 V	SINGLE PHASE	

**ELECTRICAL**  
 SEE SPECIFICATIONS LOCABLE USED 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 OR LOCK-JAMB SIDE OF MACHINE ROOM DOOR. PROTECTIVE COVER SHALL BE INSTALLED.  
 LIGHTING - THE ILLUMINATION SHALL BE NOT LESS THAN 200 LX (15 FFC) AT THE FLOOR LEVEL IN ALL MACHINE ROOMS AND MACHINERY SPACES. ENSURE AT LEAST 100 LX (10 FFC) AMBIENT LIGHTING OVER LEFT AREA. PHONE - NEED A DEDICATED PHONE LINE AND LINE.

**ENTRANCES**  
 EASING PANEL MUST BE FASTENED TO SUBSTRATE AND BE PERPENDICULAR TO THE FLOOR AND WALLS. HOSTWAY AND FASCIA IS NOT SELF-SUPPORTING FOR LONG, CONTINUOUS RUNS. VOID OF ENTRANCES, ADEQUATE SUPPORT FOR THE FASCIA MUST BE PROVIDED.  
**LIFTING BEAM**  
 A 400LB MIN. SVL BEAM MUST BE PROVIDED IN THE MIDDLE OF THE HOSTWAY. THE BEAM MUST BE POSITIONED AT 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 FOR THE MOST RECENT UPDATES.

RESIDENTIAL ELEVATOR  
 ZENITH MODEL 36X49 1/2 TYPE 3

CUSTOMER: \_\_\_\_\_  
 PROJECT: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_

DATE: \_\_\_\_\_  
 REGION: \_\_\_\_\_  
 COMPLETED BY: \_\_\_\_\_

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Savaria  
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