

TABLE 1  
RAIL FORCES

RAIL FORCE	R1	R2
500 lbf	1570	167
RAIL WEIGHT	1	80 lbs / ft

FOR TOTAL PULL-OUT FORCE ON RAIL BRACKET, 402 x 720 = 1440 lbf FOR LOCAL APPLICATION OF PIT LOAD, R1 MUST BE DOUBLED.

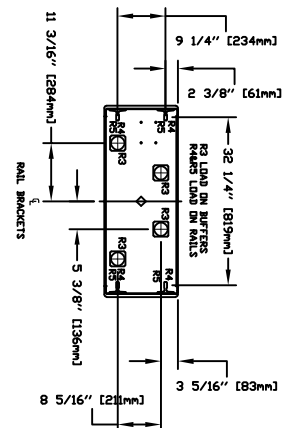


TABLE 2  
PIT REACTION FORCE

PIT REACTION FORCE	R1	R2	R3	R4	R5
LOADS ON PIT	8000 LBS	3000 LBS	9500 LBS		

PROVISIONS BY OTHERS

HOSTWAY - THE HOSTWAY MUST BE IN ACCORDANCE WITH SAFETY CODE FOR ELEVATORS AND ESCALATORS' (ASSE A17.2) AND ALL STATE AND LOCAL CODES. EMBL MUST BE INSTALLED TO CLOSE RUNNING CLEARANCES OVER/AGENT LEVEL, PLUMB AND SQUARE AND ARE IN ACCORDANCE WITH THE DIMENSIONS ON THESE DRAWINGS.

MINIMUM OVERHEAD CLEARANCE OVER/AGENT MUST ENSURE MINIMUM OVERHEAD CLEARANCE IS IN COMPLIANCE WITH CODES, HANGERS, CONDUITS AND ELECTRICAL WORK AS REQUIRED FOR ALL SMALL PATCH AND WALS/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 CRANK SHAFI AND SAFETY HARNES, WHERE APPLICABLE/REQUIRED, TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO ASSURE THAT BUILDING AND SHAFI WALL SAFETY SUPPORT ALL LOADS INCLUDING THE WEIGHT OF THE EQUIPMENT. TRAILS ON THIS MACHINER ROOM (WHERE REQUIRED).

LOADING / 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. REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION SHALL PREVAIL OVER ELECTRICAL CODES. FROM MACHINE ROOM TO HOSTWAY AS REQUIRED. POSITION PER INSTALLERS INSTRUCTIONS.

TABLE 3  
ELECTRICAL

WIRE & EQUIP	NO. AMPS	NO. 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	

MECHANICAL - SEE SPECIFICATIONS APPLICABLE 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 ON LOCK JAMB SIDE OF MACHINE ROOM DOOR. PERMANENT INSTALLATION CAN BE BUILT. LIGHTING - THE ILLUMINATION SHALL BE NOT LESS THAN 200 LX (15 FOT) AT THE FLOOR LEVEL IN ALL MACHINE ROOMS AND MACHINERY SPACES. ENSURE AT LEAST 100 LX (10 FOT) AMBIENT LIGHTING OVER LEFT AREA. PHONE - NEED A DEDICATED PHONE LAND LINE.

ENTRANCES - EXTERIOR WALLS BY UPPER LEVEL ENTRANCE, WHERE REQUIRED, EXTERIOR WALL MUST BE EXTENDED TO SEND VENT AND BE PERPENDICULAR TO THE FLOOR AND WALLS. HOSTWAY AND BE FASCIA IS NOT SELF-SUPPORTING FOR LING. CONTINUOUS RINS VOID OF ENTRANCES, ADEQUATE SUPPORT FOR THE FASCIA MUST BE PROVIDED.

LIFTING BEAM - A 4000 LB MIN. SWL BEAM MUST BE PROVIDED IN THE MACHINER ROOM. THE BEAM MUST BE PROVIDED IN THE ELEVATION & PLAN VIEWS FOR OVERHEAD OF 104" POSITION THE UNDERSIDE OF BEAM AT 104" & BEAM MUST BE TEMPORARY.

NOTE: 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 36X60 TYPE 2

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

DATE: \_\_\_\_\_  
DESIGN DATE: \_\_\_\_\_  
COMPLETED BY: \_\_\_\_\_

THE INFORMATION CONTAINED HEREIN IS THE EXCLUSIVE PROPERTY OF **savaria**  
AND MAY NOT BE USED BY OTHERS WITHOUT WRITTEN CONSENT.

SHEET 7  
1/1