

TABLE 1

RAIL FORCES

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

FOR TOTAL PULL-OUT FORCE ON RAIL BRACKET, 6g2 x 720 = 1440 lbf FOR LOCAL APPLICATION OF PIT LOAD. R1 MUST BE DOUBLED.

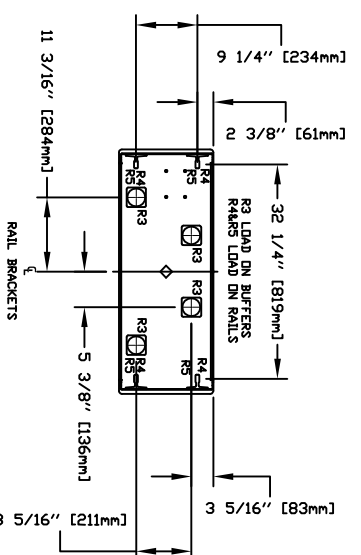
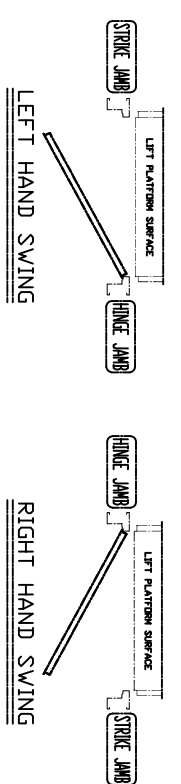


TABLE 2

PIT RE-ACTION FORCE

R3	8000 LBS
R4	3000 LBS
R5	9500 LBS

LOADS ON PIT



GENERAL

HOISTWAY - THE HOISTWAY MUST BE IN ACCORDANCE WITH ALL SAFETY CODE FOR ELEVATORS AND ESCALATORS (ASME A17.1) AND ALL STATE AND LOCAL CODES. ALL CLEARANCES AND LEVELS MUST BE PROVIDED TO THE CONTRACTOR. THE CONTRACTOR SHALL 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 SAFELY SUPPORT ALL LOADS 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 INSTALLER'S INSTRUCTIONS.

TABLE 3

DISCONNECT THE DELTA	FLA
MOTOR & EQUIP 30 AMPS 208 volt	28.9 AMPS
MOTOR & EQUIP 60 AMPS 220 volt	58.0 AMPS
CAB LIGHTS 15 AMPS 115 V	15.0 AMPS

***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 POWERS - BEFORE INSTALLATION CAN BEGIN, PERMANENT POWERS 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 LEFT 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 PERPENDICULAR TO THE HOISTWAY 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 SVL 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 FOR THE MOST RECENT UPDATES

RESIDENTIAL ELEVATOR

ZENITH MODEL 36X54 TYPE 1R-29 1/2 + SWING

CUSTOMER:	DATE:
PROJECT:	INSTALL DATE:
LOCATION:	COMPLIANT BY:

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