

RAIL BRACKETS

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.

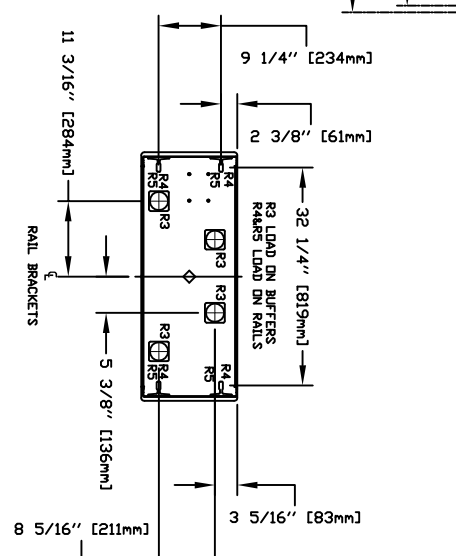


TABLE 2
PIT RE-ACTION FORCE

R3	8000 LBS
R4	3000 LBS
R5	9500 LBS

LOADS ON PIT

PROVISIONS BY OTHERS

***GENERAL**
HOISTWAY - THE HOISTWAY MUST BE IN ACCORDANCE WITH SAFETY CODE FOR ELEVATORS AND ESCALATORS (ASME A17.1) AND ALL STATE AND LOCAL CODES. CLEARANCES DIMENSIONS MUST BE PROVIDED TO THE CONTRACTOR TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.

***STRUCTURAL**
FLOOR/SUPPORT 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 WILL SAFELY SUPPORT ALL LOADS IMPROSED BY THE LIFT EQUIPMENT. REFER TO THE TABLES ON THIS DRAWING FOR LOADS IMPROSED BY THE EQUIPMENT.

***MACHINE ROOM (WHERE REQUIRED)**
LOCATION & ACCESS - MACHINE ROOM LOCATED AT THE LOWEST LEVEL. DESIGN - THE CONTRACTOR SHALL PROVIDE THE LAYOUT DRAWINGS FIELD INSTALLMENT. 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 BEAM

SIZE	FUSE SIZE	VOLTS	PHASE	FLA
MOTOR & EQUIP	30 AMPS	208 volt	Three Phase	28.9 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 BEGAIN, PERMANENT POWER MUST BE SUPPLIED.

***LIGHTING** - THE ILLUMINATION SHALL BE NOT LESS THAN 200 LX (15 FC) AT THE FLOOR LEVEL IN ALL MACHINE ROOMS AND MACHINERY SPACES. ENSURE AT LEAST 100 LX (10 FC) 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 THE WALL AND BE PERPENDICULAR TO THE FINISHED WALL SURFACE. FASCIA IS NOT SELF-SUPPORTING FOR LONG CONTINUOUS RUNS. VOID OF ENTRANCES. ADEQUATE SUPPORT FOR THE FASCIA MUST BE PROVIDED.

NOTE LIFTING 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 UNDERHEAD OF BEAM AT 104" & BEAM MUST BE TEMPORARY.

NOTE C
ALL INFORMATION IS SUBJECT TO CHANGE. PLEASE REFERENCE OUR ON-LINE DRAWINGS AT www.savarior.com FOR THE MOST RECENT UPDATES

RESIDENTIAL ELEVATOR
ZENITH MODEL 36X54 TYPE 3

CUSTOMER:	DATE:	
PROJECT:	INSTALL DATE:	
LOCATION:	COMPLETED BY:	
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SHEET 7
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