

TABLE 1  
RAIL FORCES

RAIL	R1	R2
500 Lbf	1570 Lbf	1667
RAIL WEIGHT	1.80 lbs / ft	1.83

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

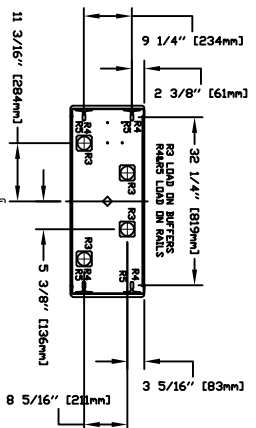
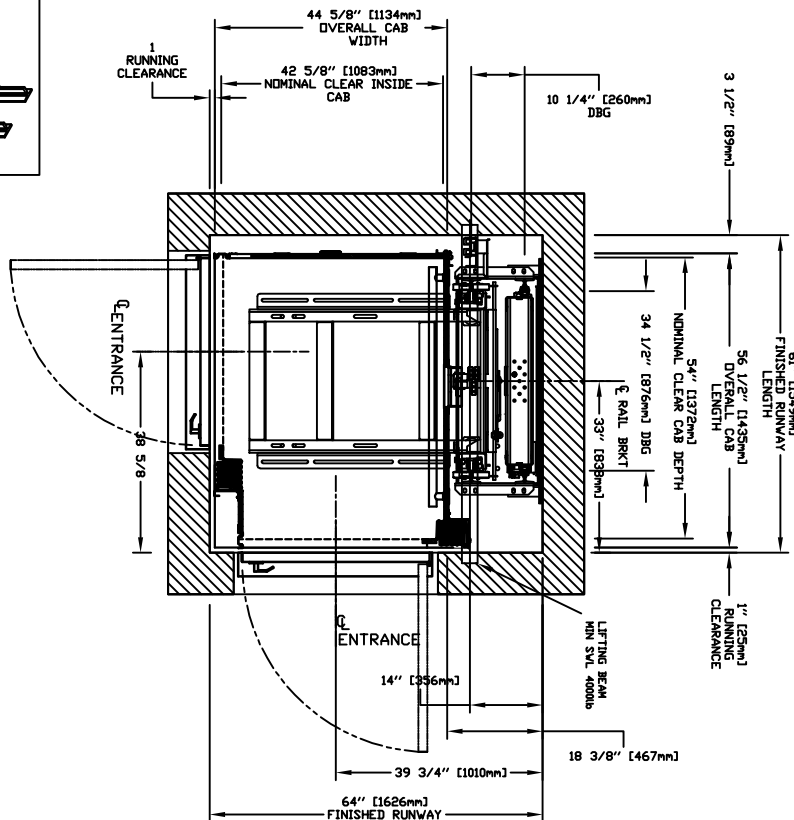


TABLE 2  
LOADS ON PIT

PIT REACTION FORCE	R1	R2	R3	R4	R5
9000 LBS	9000 LBS	3000 LBS	9500 LBS		

LOADS ON PIT

HOISTWAY - THE HOISTWAY MUST BE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES. CLEARANCES OVER/AGENT MUST BE IN COMPLIANCE WITH CODES. MINIMUM OVERHEAD CLEARANCE OVER/AGENT MUST BE 54" (1372mm) NOMINAL CLEAR CAB DEPTH 34 1/2" (876mm) DBG 39" (991mm) 1" (25mm) MIN RUNNING CLEARANCE

ENTRANCE - THE ENTRANCE SHALL BE NOT LESS THAN 200 LX (19 FD) AT THE FLOOR LEVEL IN ALL MACHINE ROOMS AND MACHINERY SPACES. ENDSIDE AT LEAST 100 LX (10 FD) AMBIENT LIGHTING OVER LEFT AREA. ENDSIDE NEED A DEDICATED PHONE LAND LINE

MECHANICAL - SEE SPECIFICATIONS UPONABLE USED DISCONNECT WITH AUXILIARY CONTACT TO BREAK THE BATTERY FEED OR CIRCUIT BREAKERS WITH A 3-POLE BREAKER FOR BATTERY FEED REQUIRED. LOCATED ON WALL OR LOCK JAMB SIDE OF MACHINE ROOM DOOR. MUST BE INSTALLED PER THE INSTALLATION CAN BEHIND PERMITS. LIGHTING - THE ILLUMINATION SHALL BE NOT LESS THAN 200 LX (19 FD) AT THE FLOOR LEVEL IN ALL MACHINE ROOMS AND MACHINERY SPACES. ENDSIDE AT LEAST 100 LX (10 FD) AMBIENT LIGHTING OVER LEFT AREA. ENDSIDE NEED A DEDICATED PHONE LAND LINE

TABLE 3  
ELECTRICAL

WIRE & EQUIP	30 AMP	60 AMP	100 AMP	150 AMP	200 AMP	250 AMP	300 AMP
WIRE	10 AWG	8 AWG	6 AWG	4 AWG	3 AWG	2 AWG	1 AWG
EQUIP	60 AMP	100 AMP	150 AMP	200 AMP	250 AMP	300 AMP	350 AMP
CAB LIGHTS	15 AMP	15 AMP	15 AMP	15 AMP	15 AMP	15 AMP	15 AMP

ENTRANCES - EGRESS PANEL MUST BE FASTENED TO STRUCTURAL WALL AND BE PERPENDICULAR TO THE FLOOR AND WALLS. HOISTWAY AND FASCIA IS NOT SELF-SUPPORTING FOR LING. CONTINUOUS RAILS VIBRATOR SUPPORT FOR THE HOISTWAY MUST BE PROVIDED.

NOTE: LIFTING BEAM - A 4000 LB MIN SVL BEAM MUST BE PROVIDED IN THE HOISTWAY. THE BEAM MUST BE INSTALLED PER THE INSTALLATION ELEVATION & PLAN VIEWS FOR OVERHEAD OF 108" 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 40X54 TYPE 3

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

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

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