

TABLE 1
RAIL FORCES

RAIL FORCES	RAIL WEIGHT
*R1	500 lbf / 1570 lbf
*R2	1500 lbf / 4250 lbf
RAIL WEIGHT	80 lbs / 7.4t

FOR TOTAL FULL-OUT FORCE ON RAIL BRACKET, USE THE MAXIMUM VALUE FOR LOCAL APPLICATION OF PIT LOAD, R1 MUST BE DOUBLED.

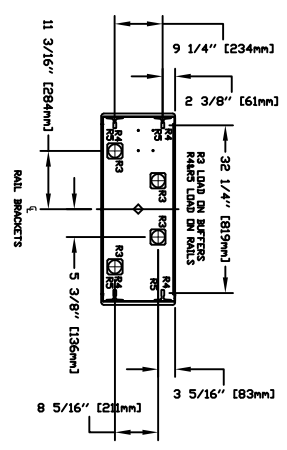


TABLE 2
LOADS ON PIT

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

PROVISIONS BY OTHERS

GENERAL
 HOISTWAY - THE HOISTWAY MUST BE IN ACCORDANCE WITH SAFETY CODE FOR ELEVATORS AND ESCALATORS (ASME A17) AND ALL STATE AND LOCAL CODES.
 RAIL BRACKETING - DUE TO CLOSE RUNNING CLEARANCES OVER/BEHIND THE HOISTWAY AND PIT (WHERE PROVIDED) THE HOISTWAY AND PIT MUST BE BRACKETED TO THE STRUCTURE ON THESE DRAWINGS AND IN ACCORDANCE WITH THE HOISTWAY CLEARANCE IS IN COMPLIANCE WITH CODES.
 CONSTRUCTION SITE - OVER/BEHIND THE ALL MACHINERY, ELECTRICAL, AND FINISH PAINTING ALL AREAS WHERE WALLS/FLOORS MAY REQUIRE TO BE CUT, DRILLED OR ALTERED IN ANY WAY TO PERMIT THE PROPER INSTALLATION OF THE LIFT. CONSULT CUSTOMER TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.
 STRUCTURAL
 FLOOR/SUPPORT WALL LOADS - STRUCTURE TO ANCHOR A GRADE SHIRT AND SAFETY HARNESS, WHERE APPLICABLE/REQUIRED, TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO ASSURE THAT BUILDING AND SHIRT WALL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT REFER TO THE TABLES ON THIS DRAWING FOR LOADS IMPOSED BY THE CAB.
 MACHINE ROOM (WHERE REQUIRED)
 MACHINE ROOM ACCESS - MACHINE ROOM LOCATED AT THE LOWEST LEVEL OF THE HOISTWAY. ACCESS TO MACHINE ROOM SHALL BE PROVIDED BY THE CONTRACTOR. ACCESS SHALL BE PROVIDED BY THE CONTRACTOR TO MEET JOB SITE CONDITIONS OR REGULATIONS. MACHINE ROOM DOOR IS TO BE LOCKABLE AND IS TO MEET THE REQUIREMENTS FOR THE LIFT. THE MACHINE ROOM SHALL BE PROVIDED WITH EGRESS TO THE HOISTWAY. THE MACHINE ROOM SHALL BE PROVIDED WITH EGRESS TO THE HOISTWAY AS REQUIRED. LISTINGS PER INSTALLERS INSTRUCTIONS.

TABLE 3
ELECTRICAL

WIRE SIZE	VOLTS	PHASE	FUA
HOTOR & EQUIP 30 AMPS	208V	3PH	28.9 AMPS
HOTOR & EQUIP 60 AMPS	208V	3PH	57.8 AMPS
CAB LIGHTS 15 AMPS	115 V	1PH	15.0 AMPS

OVERHEAD SURGE (SEE SPECIFICATIONS) LOCKABLE FUSED DISCONNECT 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 FUSES, BATTERY INSTALLATION CAN BEGINS. PERMANENT FUSES MUST BE SERVICED.
 NOTE: LIGHTING SHALL BE NOT LESS THAN 80 LX (49 FC) AT THE MACHINE ROOM AND HOISTWAY. LIGHTING SHALL BE PROVIDED AT LEAST 100 LX (40 FC) AMBIENT LIGHTING OVER LIFT AREA. PHONE, NEED A DEDICATED PHONE LAND LINE.

ENTRANCES
 EGRESS PANEL BEHIND UPPER LEVEL ENTRANCE, WHERE REQUIRED, SHALL BE PROVIDED. THE FIRST LEVEL TO A SECOND FLOOR, AND BE PROVIDED WITH A SELF-SUPPORTING FOR LING, CONTINUOUS RAILS VVOID OF ENTRANCES. ADEQUATE SUPPORT FOR THE FASCIA MUST BE PROVIDED.
 NOTE: LIFTING BEAM
 A 4000 LB MIN SWL BEAM MUST BE PROVIDED IN THE OVERHEAD BEAM AND BE PROVIDED AS SHOWN IN 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

CUSTOMER: _____
 PROJECT: _____
 LOCATION: _____

DATE: _____
 DESIGN DATE: _____
 COMPLETED BY: _____

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