



TABLE 1
RAIL FORCES

| | |
|---------------------------|----------|
| *R1 | *R2 |
| 500 lbf | 1570 lbf |
| RAIL WEIGHT 1 80 lbs / ft | |

TABLE 2
LOADS ON PIT

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

FOR TOTAL PULL-OUT FORCE ON RAIL BRACKET, 8g2 x 750 = 1440 lbf FOR LOCAL APPLICATION OF PIT LOAD. R1 MUST BE DOUBLED.

PROVISIONS BY OTHERS

***GENERAL HOSTWAY:** THE HOSTWAY MUST BE IN ACCORDANCE WITH SAFETY CODE FOR ELEVATORS AND ESCALATORS (ASME A17.1) AND ALL STATE AND LOCAL CODES. CLEARANCES OVER/AGENT AND UNDER HOSTWAY- DOE TO CLOSE RUNNING CLEARANCES OVER/AGENT MUST ENSURE THAT HOSTWAY AND PIT (WHERE PROVIDED) ARE LEVEL WITH THE HOSTWAY AND PIT AND IN ACCORDANCE WITH THE DIMENSIONS ON THESE DRAWINGS.

***BRAND OVERHEAD CLEARANCE:** OVER/AGENT MUST ENSURE MINIMUM OVERHEAD CLEARANCE IS IN COMPLIANCE WITH CODES. OVERHEAD CLEARANCE IS IN COMPLIANCE WITH ALL MASONRY, CONCRETE, STEEL, OVER/AGENT TO PROVIDE ALL MASONRY, CONCRETE AND STEEL FINISHES. FINISHES SHOULD BE MATCH AND MAKE GOOD (INCLUDING FINISHES TO BE CUT, DELAYED OR ALTERED IN ANY WAY TO PERMIT THE PROPER INSTALLATION OF THE LIFT. DIMENSIONS CONTRACTOR/CUSTOMER 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 HARNESSE WHERE APPLICABLE/NEEDED TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO ASSURE THAT BUILDING AND SHAFT WILL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT. REFER TO THE TABLES ON THIS DRAWING FOR LOADS IMPOSED BY THE EQUIPMENT.

***MACHINE ROOM (WHERE REQUIRED)**

LOCATION / ACCESS: MACHINE ROOM LOCATED AT THE LOWEST LEVEL ADJACENT TO HOSTWAY, UNLESS SHOWN OTHERWISE ON THE LIFT DRAWINGS. FIELD CONSULTANTS MUST BE ADVISED OF THE LOCATION OF THE MACHINE ROOM. THE 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 HOSTWAY AS REQUIRED. POSITION PER INSTALLERS INSTRUCTIONS.

TABLE 3
DISCONNECT TIME RELAY

| MOTOR & EQUIP | SIZE | VOLTS | PHASE | FLA |
|---------------|---------|----------|--------------|-----------|
| 60 AMPS | 40 AMPS | 230 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 BEGIN, PERMANENT POWER 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 LIFT 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 PRESENT ON ALL SIDES OF THE ENTRANCE. 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 SWL 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.SAVORIA.COM FOR THE MOST RECENT UPDATES

RESIDENTIAL ELEVATOR
ZENITH MODEL 36X54 TYPE 2

| | |
|-----------|--------------|
| CUSTOMER: | DATE: |
| PROJECT: | ISSUE DATE: |
| LOCATION: | COMPILED BY: |

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SHEET # 1/1