

TABLE 1

RAIL FORCES

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

FOR TOTAL PULL-OUT FORCE ON RAIL BRACKET, 692 x 750 = 1440 lbf FOR LOCAL APPLICATION OF PIT LOAD. R1 MUST BE DOUBLED.

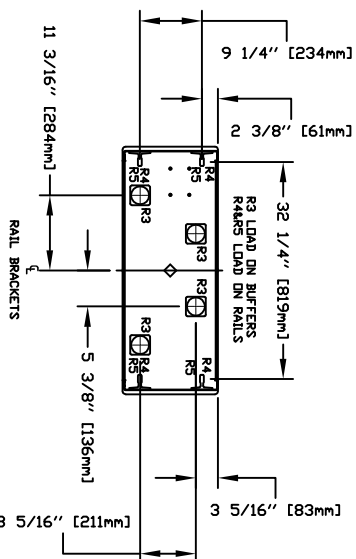
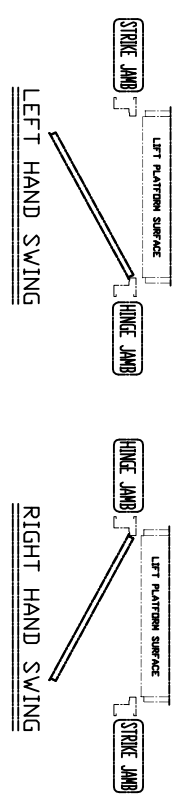


TABLE 2

LOADS ON PIT

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



NOTE C
ALL INFORMATION IS SUBJECT TO CHANGE.
PLEASE REFERENCE OUR ON-LINE DRAWINGS AT [WWW.SAVARIA.COM](http://www.savaria.com) FOR THE MOST RECENT UPDATES

ENTRANCES
FASCIA PANEL BELOW UPPER LEVEL ENTRANCE- WHERE REQUIRED, FASCIA PANEL MUST BE FASTENED TO A SOLID WALL AND BE PERPENDICULAR TO THE FLOOR AND WALLS. HOISTWAY 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 UNDERSIDE OF BEAM AT 104" & BEAM MUST BE TEMPORARY.

TABLE 3

DISCONNECT TIME RELAY

MOTOR & EQUIP	SIZE	VOLTS	PHASE	FLA
30 AMPS	30	208 volt	Three Phase	28.9 AMPS
40 AMPS	40	230 volt	Single Phase	35.0 AMPS
15 AMPS	15	115 V	Single Phase	

*ELECTRICAL
EDUCATION- (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 (MOUNTED ON WALL ON LOCK JAMB SIDE OF MACHINE ROOM DOOR) PERMANENT POWER- BEFORE INSTALLATION CAN BEGIN, PERMANENT POWER MUST BE SUPPLIED.

*MACHINE ROOM (WHERE REQUIRED)
LOCATION- ACCESS- MACHINE ROOM LOCATED AT THE LOWEST LEVEL ADJACENT TO HOISTWAY. HOISTWAY SHALL BE INSTALLED IN 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 INSTALLERS INSTRUCTIONS.

*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 IMPOSED BY THE LIFT EQUIPMENT. REFER TO THE TABLES ON THIS DRAWING FOR LOADS IMPOSED BY THE EQUIPMENT.

*GENERAL
HOISTWAY- THE HOISTWAY MUST BE IN ACCORDANCE WITH SAFETY CODE FOR ELEVATORS AND ESCALATORS' (ASME A17.1) AND ALL STATE AND LOCAL CODES. RUNNING CLEARANCES OWNER/AGENT ELDER HOISTWAY- DUE TO CLOSE RUNNING CLEARANCES OWNER/AGENT MUST ENSURE THAT HOISTWAY AND PIT (WHERE PROVIDED) ARE LEVEL AND SQUARE AND IN ACCORDANCE WITH THE DIMENSIONS ON THESE DRAWINGS AND IN CONFORMANCE WITH THE MINIMUM OVERHEAD CLEARANCE- DIVER/AGENT MUST ENSURE MINIMUM OVERHEAD CLEARANCE IS IN COMPLIANCE WITH CODES. CONSTRUCTION- DIVER/AGENT AS REQUIRED BY MASONRY, CONCRETE AND OTHER TRADES. ALL WALLS AND PARTS AND MAKE GOOD (INCLUDING FINISH PAINTING) AT AREAS WHERE WALLS/FLOORS MAY REQUIRE TO BE CUT, DRILLED 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.

ZENITH MODEL 36X54 TYPE 3-29 1/2 + SWING

CUSTOMER: _____

DATE: _____

PROJECT: _____

LOCATION: _____

DESIGN DATE: _____

COMPLETED BY: _____

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SHEET # 1/1