



TABLE 1
RAIL FORCES

RAIL FORCES	RAIL WEIGHT
*R1	500 lbf
*R2	1570 lbf
*R0	164 lbf

FOR TOTAL FULL-LOAD FORCE ON RAIL BRACKET, ADD WEIGHT OF RAILS FOR LOCAL APPLICATION OF PIT LOADS. R1 MUST BE DOUBLED.

TABLE 2
LOADS ON PIT

PIT RE-ACTION FORCE	LOADS ON PIT
R3	8000 LBS
R4	3900 LBS
R5	9500 LBS

PROVISIONS BY OTHERS

GENERAL
 HOISTWAY - THE HOISTWAY MUST BE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
 PLUMB HOISTWAY - DUE TO CLOSE RUNNING CLEARANCES OVER/AGENT MUST ENSURE THAT HOISTWAY AND PIT OVERS ARE PROVIDED THE DIMENSIONS ON THESE DRAWINGS ARE IN ACCORDANCE WITH THE HOISTWAY CLEARANCE REQUIREMENTS.
 OVER/AGENT MUST ENSURE MINIMUM OVERHEAD CLEARANCE IS IN COMPLIANCE WITH CODES.
 CONSTRUCTION SITE - OVER/AGENT TO PROVIDE ALL MASONRY, CONCRETE, FINISH PAINTING AND ALL AREAS WHERE WALLS/FLOORS MAY REQUIRE TO BE CUT, DRILLED OR ALTERED IN ANY WAY TO PERMIT THE PROPER INSTALLATION OF THE LIFT.
 OVER/AGENT/CUSTOMER TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.

STRUCTURAL
 ELEVATOR/AGENT TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.
 SAFETY CODE FOR ELEVATORS AND ESCALATORS (ASSE A17) AND ALL STATE AND LOCAL CODES.
 PLUMB HOISTWAY - DUE TO CLOSE RUNNING CLEARANCES OVER/AGENT MUST ENSURE THAT HOISTWAY AND PIT OVERS ARE PROVIDED THE DIMENSIONS ON THESE DRAWINGS ARE IN ACCORDANCE WITH THE HOISTWAY CLEARANCE REQUIREMENTS.
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 OVER/AGENT/CUSTOMER TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.

TABLE 3
ELECTRICAL

WIRE SIZE	PHASE	VOLTS	FLA
10 AWG	3	115 V	350 AMPS
12 AWG	3	115 V	350 AMPS

NOTE A
 ALL INFORMATION IS SUBJECT TO CHANGE.
 PLEASE REFERENCE OUR ON-LINE DRAWINGS AT WWW.SAVARIA.COM FOR THE MOST RECENT UPDATES

NOTE B
 THE LIFTING BEAM MUST BE PROVIDED IN THE OVERHEAD BEAM AND BE POSITIONED AS SHOWN IN POSITION THE UNDERSIDE OF BEAM AT 104" & BEAM MUST BE TEMPORARY.

NOTE C
 ESSENTIAL PANEL BELOW UPPER LEVEL ENTRANCE, WHERE REQUIRED, MUST BE PROVIDED TO THE FASTENED TO A STRUCTURAL AND BE PROVIDED 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 ENGINE, BEFORE INSTALLATION CAN BEGIN, PERMANENT PULLER MUST BE SPECIFIED.
 LIGHTING - THE ILLUMINATION MACHINE ROOMS AND HOISTWAY SPACES SHALL BE AT LEAST 100 LX (10 FC) AMBIENT LIGHTING OVER LIFT AREA. BENCH, NEED A DEDICATED PHONE LAND LINE.

RESIDENTIAL ELEVATOR
 ZENITH MODEL 36X48 TYPE 1L

CUSTOMER: _____
 PROJECT: _____
 LOCATION: _____

DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____

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