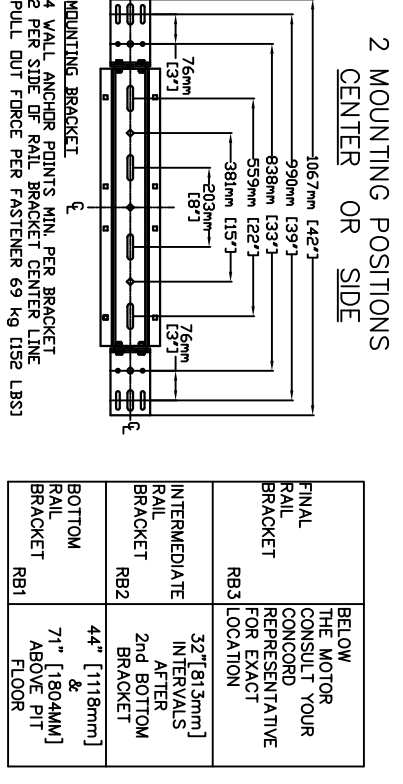
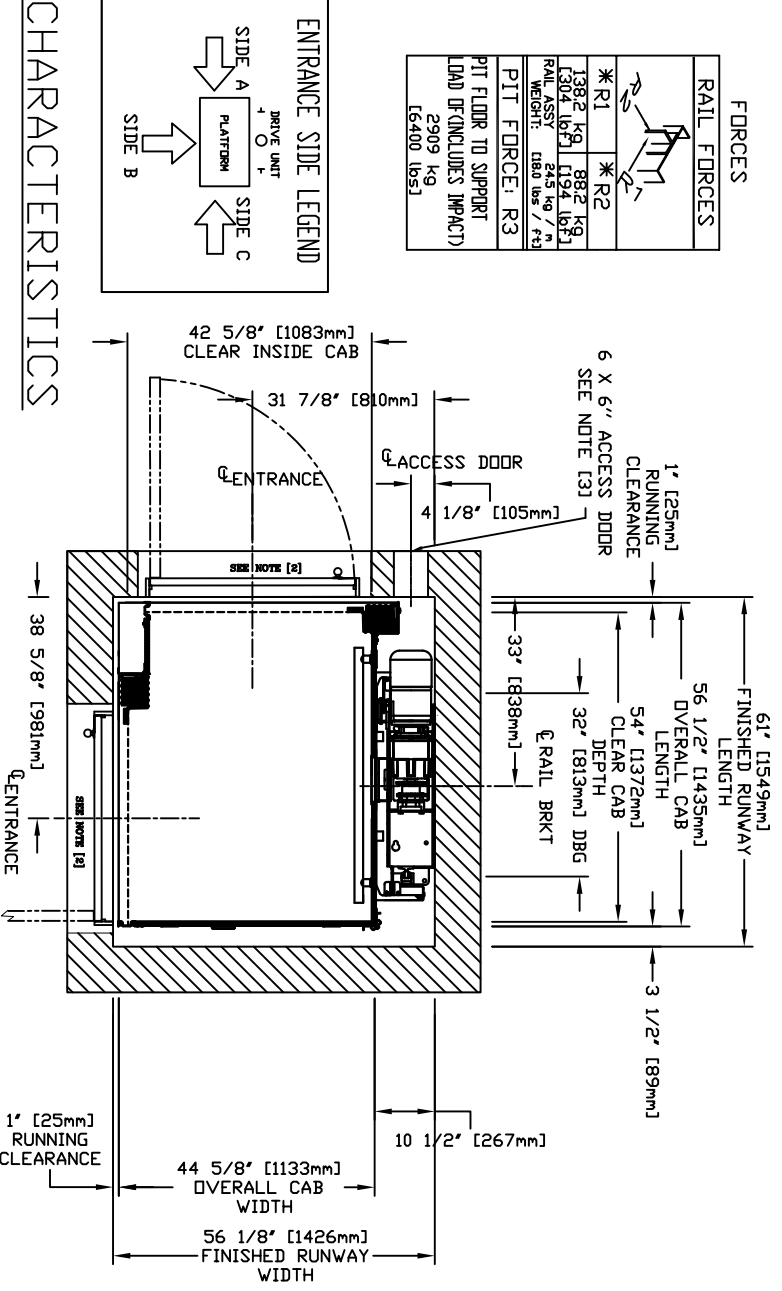
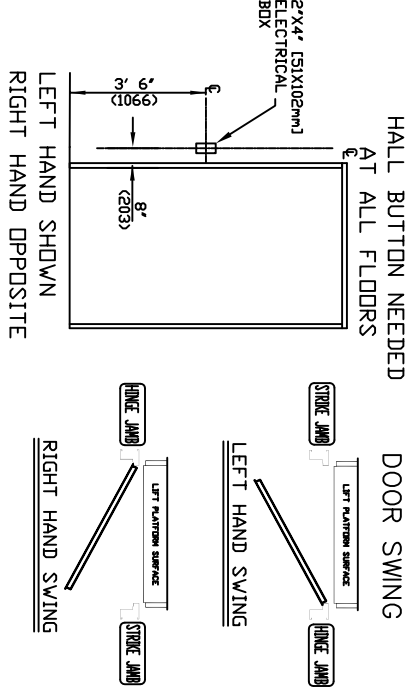


RAIL FORCES

*R1	*R2
1382 LBS [618 N]	882 LBS [396 N]
1304 LBS [592 N]	1194 LBS [537 N]
RAIL ASSY WEIGHT: 845 lbs / 383 kg	
PIT FORCE: R3	
PIT FLOOR TO SUPPORT	
2909 kg	
LOAD OF (INCLUDES IMPACT)	
16400 lbs [7430 kg]	



FINAL RAIL BRACKET	THE MOTOR CONCORD REPRESENTATIVE FOR EXACT R331 LOCATION
INTERMEDIATE RAIL BRACKET	32" [813mm] INTERVALS AFTER 2nd BOTTOM BRACKET
BOTTOM RAIL BRACKET	44" [1118mm] & 71" [1804mm] ABOVE PIT FLOOR



CHARACTERISTICS

GENERAL

APPLIED CODE: _____ CONCORD
 MOTOR: 2.0 HP/1660 RPM W/Broke
 GEAR MODEL: 42171 Ratio Gear Box
 CAPACITY: _____ (750, 1000 LBS)
 MOTOR CONTROLLER: Pre-programmed VF Drive.
 SUSPENSION
 TYPE: _____ DUAL #60 ROLLER CHAIN
 CONSTRUCTION: ANSI B29.1
 NOMINAL STRENGTH: 9020 LBS PER CHAIN
 ELECTRICAL
 POWER SUPPLY: 60 Hz/1 Phase/230 volt

CAR DETAILS

CAB PANEL SELECTION: _____ (SEE CHART) POT LIGHT FINISH (4) _____ (SS, BRZ, BRSS)
 CEILING SELECTION: _____ (WITH MATCH) TRIM COLOUR: _____ (CLR, BRZ)
 CAB FLOORING: _____ (PLY, FINISH) CAR STATION PLATE (W/P/D): _____ (CLR, BRZ, BRSS, SS)
 FINISHED FLOOR THICKNESS: _____ (1/8 to 3/4") HAND RAIL TYPE: _____ (CLR, BRZ, BRSS, SS)
 CAB HEIGHT: _____ (80, 96") TELEPHONE BOX: _____ (CLR, BRZ, BRSS, SS)
 CAB OPERATION: _____ (AUTO) GATES REQUIRED: _____ (AUTO, MAN)
 GATE TYPE: _____ (VFOLD CLR, VFOLD BRZ, BLK, SCZR) CAB SILL: _____ SS

LOCKS/CALL STATIONS/TRAVEL/DOORS (BY OTHERS)

	LANDING 1	LANDING 2	LANDING 3	LANDING 4
TRAVEL	PIT			
ENTRANCE SIDE	SIDE	SIDE		
DOOR SWING				
LOCK TYPE				
AUTO DOOR OP.				

STANDARD OPTIONS PROVIDED

BUTTON MARKING: NUMERIC (1 to 4)
 HALL CALL FINISH: NO
 HALL CALL FINISH: MATCH CAR STATION
 HALL CALL SHAPE: RECTANGULAR
 PREWIRE PACKAGE: NO
 CONTROLLER LOCATION: EXTERNAL

PROVISIONS BY OTHERS

***HOISTWAY CONSTRUCTION SITE, CLEARANCE**
 1- HOISTWAY CONSTRUCTION AND PIT BY OTHERS. DUE TO LIMITED SPACE WITHIN THE HOISTWAY IT IS ESSENTIAL THAT THE PIT IS LEVEL AND WALLS ARE SQUARE AND PLUMB THROUGHOUT THE HOISTWAY. THE PIT ISY FRAMING MUST BE WITHIN 13 mm (1/2") OF PLUMB AND SQUARE FROM TOP TO BOTTOM FOR PROPER OPERATION OF THE ELEVATOR THROUGHOUT THE HOISTWAY.
 2- CLEARANCES FROM DOOR SILL TO HOISTWAY DOOR TO BE 76 mm (3") MAXIMUM AND ELEVATOR CAR DOOR TO HOISTWAY DOOR TO BE 127 mm (5") MAXIMUM TO COMPLY WITH CSA B44 (ASME/ANSI A17.1) CONSULT YOUR LOCAL INSPECTION AUTHORITIES FOR CODES WHICH MAY TAKE PRECEDENCE.
 3- HOISTWAY MUST HAVE A MINIMUM 152 mm (6") X 63 mm (2 1/2") LOCKABLE ACCESS HATCH PROVIDED BY SAVARIA CONCORD LOCATED AT THE TOP OF THE HOISTWAY. LOCATION MUST BE IN AN AREA WHICH WILL PROVIDE ACCESS TO THE ELEVATOR DRIVE ASSEMBLY BY THE MANUAL LOWERING HANDLE. MANUAL LOWERING HANDLE WILL ENABLE USER TO OVERPOWER BRAKE AND LOWER CAR WITHOUT BODILY ENTRY TO THE SHAFTWAY.
 4- THE PIT FLOOR SHALL BE CONSTRUCTED TO WITHSTAND AN IMPACT LOAD OF 2903 kg (6400 LBS) REF. CSA B44 SECTION 2.11 (ASME/ANSI A17.1 SECTION 106.3).
 5- HOISTWAY TO BE FREE OF ALL PIPES, WIRING AND OBSTRUCTIONS NOT RELATED TO THE OPERATION OF THE ELEVATOR.
 6- HOISTWAY CONSTRUCTION REQUIREMENTS MAY VARY FROM REGION TO REGION. DIMENSIONS GIVEN ARE MANUFACTURERS RECOMMENDED CLEARANCES. THEY REFLECT THE RUNNING AND ACCESS CLEARANCES. CONSULT YOUR LOCAL AUTHORITY TO ASSURE COMPLIANCE WITH PROVINCE AND LOCAL CODES.

DIMENSIONS WARNING

CONTRACTOR/CUSTOMER TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.
***STRUCTURAL**
 7- A LOAD BEARING WALL IS REQUIRED TO SUSTAIN RAIL REACTIONS AS SPECIFIED IN KEY TO RAIL REACTIONS ON TRAVELING BUILDING CONTRACTOR TO CONTACT STRUCTURAL ENGINEER TO DETERMINE IF SUPPORTING WALL WILL SUSTAIN RAIL REACTIONS FOR COMPLYING WITH LOCAL CODES.
 8- SUITABLE LINTELS MUST BE PROVIDED BY OWNER/AGENT.
 9- ALL FULL HEIGHT DOORS MUST BE ALIGNED WITH THE DOOR CENTERLINE SHOWN ON PLAN DETAIL. RECOMMEND INSTALLING A SOLID CORE 2032 mm (6'-8") HIGH DOOR WITH A MINIMUM CLEAR OPENING OF 813 mm (2'-8") WIDE.
 10- DOOR HANDLE AND LATCH SET REQUIRED FOR ALL FULL SIZE DOORS.
 11- SEE INSTALLATION MANUAL FOR DETAILS ON THE INTERLOCKS INTERLOCKS ARE REQUIRED FOR ALL FULL SIZE DOORS.

***ELECTRICAL**

12- THE ELEVATOR CONTROLLER IS 620 mm (24 1/4") WIDE X 584 mm (22 7/8") HIGH X 170 mm (6 3/4") DEEP. THE CONTROLLER IS PROVIDED BY SAVARIA CONCORD AND IS EITHER A. ATTACHED TO THE RAIL WALL INSIDE THE HOISTWAY BETWEEN THE 7" RAILS WITH ACCESS EITHER UNDER THE CAB OR THROUGH THE CAB OF THE ELEVATOR OR B. IN A REMOTE LOCATION EXTERNAL TO HOISTWAY, THAT NEEDS PROPER STRUCTURAL WALL TO SUPPORT THE CONTROLLER ON ALL 4 CORNERS HOLES POSITION ARE = 597 mm (23 5/8") WIDE BY 546 mm (21 5/8") HIGH.
 13- ARRANGE FOR A POWER SUPPLY WITHIN SIGHT OR NEXT TO THE ELEVATOR CONTROLLER PRIOR TO DELIVERY OF THE UNIT (80/115 VOLT AND 208/240 VOLT). THE 208/240 VOLT CIRCUIT SHALL ORIGINATE FROM A LOCKABLE 2 POLE FUSED DISCONNECT (20 AMP RK 5 RATED FUSE LOCATED NEAR THE RESIDENCES INCLUDING ELECTRICAL PANEL THE ELECTRICAL CIRCUIT PROVIDED FOR THE CONTROLLER SHALL BE, 208/240 VOLT, SINGLE PHASE, DEDICATED CIRCUIT WITH NEUTRAL AND GROUND. FUSING MUST BE SELECTIVELY COORDINATED. FUSE 208/240 VOLT FOR 20 AMP SERVICE. FUSE 115 VOLT FOR 15 AMP SERVICE FOR CAR LIGHT. A LOCKABLE AUXILIARY 240 VOLT AND 115 VOLT DISCONNECT IS REQUIRED INSIDE THE HOISTWAY OR IN SIGHT OF THE CONTROLLER. ALL ELECTRICAL TO DISCONNECTS SHALL BE PROVIDED AND INSTALLED BY OTHERS (MUST COMPLY WITH APPLICABLE CODES).
 14- FIELD ELECTRICAL WIRING AND CONNECTIONS TO HALL-CALLS, PIT SWITCH AND INTERLOCKS ARE PROVIDED.
 15- THE ILLUMINATION SHALL BE NOT LESS THAN 200 LX (9 FCD) AT THE FLOOR LEVEL IN ALL MACHINE ROOMS AND MACHINERY SPACES. THE SWITCH FOR THE LIGHT MUST BE WITHIN 457 mm (18") OF THE HOISTWAY ACCESS. THE LIGHT MUST BE GUARDED TO PREVENT ACCIDENTAL BREAKAGE OR CONTACT WITH THE HOT BULB. THE SWITCH, LIGHT AND GUARD ARE PROVIDED AND INSTALLED BY OTHERS. (MUST COMPLY WITH APPLICABLE CODES).
 16- IF A TELEPHONE CIRCUIT IS REQUIRED OPTION FOR ELEVATOR JACK IS PROVIDED THE CONTROLLER AND BE AVAILABLE TO CONNECT AND TEST UPON ELEVATOR INSTALLATION.
 17- LOCATION / ACCESS - CONTROLLER ROOM LOCATED AT THE LOWEST LEVEL ADJACENT TO HOISTWAY, UNLESS SHOWN OTHERWISE ON THE LAYOUT DRAWINGS. FIELD ADJUSTMENT BY INSTALLER MAY BE NECESSARY TO MEET JOB SITE CONDITIONS OR REGULATIONS. ACCESS TO CONTROLLER ROOM TO BE THROUGH A SELF CLOSING LOCKABLE DOOR WHERE CODE CONSIDER IT AS A MACHINE ROOM
 *WHEN APPLICABLE SLEEVES FOR ELECTRIC LINES -
 18- FROM CONTROLLER ROOM TO RUNWAY AS REQUIRED.
 *CODE

19. ALTHOUGH THE ELEVATOR IS DESIGNED TO MEET CSA B44 (ANSI A17.1), LOCAL CODES MAY VARY. DEALER IS RESPONSIBLE FOR COMPLYING WITH LOCAL CODES.
 NOTE A
 ALL COMPONENTS WEIGHTS CAN BE FOUND IN THE PLANNING GUIDE
 NOTE B
 ALL INFORMATION IS SUBJECT TO CHANGE.
 PLEASE REFERENCE OUR ON-LINE DRAWINGS AT
 WWW.SAVARIACONCORD.COM FOR THE MOST RECENT UPDATES

RESIDENTIAL ELEVATOR
ECLIPSE MODEL 40X54 TYPE 4

CUSTOMER:	DATE:
PROJECT:	REVISION DATE:
LOCATION:	COMPLETED BY:

SAVARIA CONCORD
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