

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 HOISTWAY FRAMING MUST BE WITHIN 1/2" [13mm] 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 3' [76mm] MAXIMUM AND ELEVATOR CAR DOOR TO HOISTWAY DOOR TO BE 5' [127mm] MAXIMUM TO COMPLY WITH CSA B44 [ASME/ANSI A17.1]. CONSULT YOUR LOCAL INSPECTION AUTHORITIES FOR CODES WHICH MAY TAKE PRECEDENCE. N/A WITH 2 SPEED DOOR CAB AND ENTRANCE.
- 3- HOISTWAY MUST HAVE A MINIMUM 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 6400 LBS [2903kg]. REF. CSA B44 SECTION 2.11 (ASME/ANSI A17.1 SECTION 106.)
- 5- HOISTWAY TO BE FREE OF ALL PIPES, WIRING AND OBSTRUCTIONS NOT RELATED TO THE OPERATION OF THE ELEVATOR.
FOR COMPLYING WITH LOCAL CODES.
- 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 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 ON DRAWING. BUILDING CONTRACTOR TO CONTACT STRUCTURAL ENGINEER TO DETERMINE IF SUPPORTING WALL WILL SUSTAIN RAIL REACTIONS FOR COMPLYING WITH LOCAL CODES. STRUCTURE TO ANCHOR A CRANK SHAFT AND SAFETY HARNESS, WHERE APPLICABLE/NEEDED, TO BE PROVIDED BY CONTRACTOR.
- 8- SUITABLE LINTELS MUST BE PROVIDED BY OWNER/AGENT. DOOR FRAMES ARE NOT DESIGNED TO SUPPORT OVERHEAD WALL LOADS.
- 9- ALL FULL HEIGHT DOORS MUST BE ALIGNED WITH THE DOOR CENTERLINE SHOWN ON PLAN DETAIL. RECOMMEND INSTALLING A SOLID CORE 6'-8" [2032mm] HIGH DOOR WITH A MINIMUM CLEAR OPENING OF 2'-8" [813mm] WIDE.
- 10- DOOR HANDLES ARE 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 24.4" [620mm] WIDE X 23" [584mm] HIGH X 6.7" [170mm] DEEP. THE CONTROLLER IS PROVIDED BY SAVARIA CONCORD AND IS EITHER :
A : ATTACHED TO THE RAIL WALL INSIDE THE HOISTWAY BETWEEN THE "T" 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. HOLE POSITIONS ARE = 23.5" [597mm] WIDE BY 21.5" [546mm] HIGH.
- 13- ARRANGE FOR A POWER SUPPLY WITHIN SIGHT OR NEXT TO THE ELEVATOR CONTROLLER PRIOR TO DELIVERY OF THE UNIT (BOTH 240 VOLT AND 115 VOLT). THE 240 VOLT, SINGLE PHASE, DEDICATED CIRCUIT (WITH NEUTRAL AND GROUND) SHALL ORIGINATE FROM A LOCKABLE 2 POLE FUSED DISCONNECT (20 AMP RK 5 RATED FUSES) WITH AUXILIARY CONTACT. THE 115 VOLT, SINGLE PHASE, DEDICATED CIRCUIT (WITH NEUTRAL AND GROUND) SHALL ORIGINATE FROM A LOCKABLE DISCONNECT (15 AMP FUSE). LOCKABLE AUXILIARY 240 VOLT AND 115 VOLT DISCONNECTS ARE REQUIRED INSIDE THE HOISTWAY WHEN THE MOTOR IS NOT IN SIGHT OF THE CONTROLLER. ALL ELECTRICAL TO DISCONNECTS SHALL BE PROVIDED AND INSTALLED BY OTHERS AND MUST COMPLY WITH APPLICABLE CODES.

	DISCONNECT SIZE	TIME DELAY FUSE SIZE	VOLTS	PHASE	AMPERAGE
MOTOR & EQUIP.	20 AMPS	20 AMPS	240	1	20.2 AMPS
CAB LIGHTS	15 AMPS	15 AMPS	115	1	

- 14- FIELD ELECTRICAL WIRING AND CONNECTIONS TO HALL-CALLS, PIT SWITCH AND INTERLOCKS ARE PROVIDED.
- 15- LIGHTING SHALL BE A MINIMUM OF 10 FOOT CANDLES (100 LUX) IN CONTROLLER SPACE. THE SWITCH FOR THE LIGHT MUST BE WITHIN 18" [457mm] 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 AND INSTALLED BY OTHERS. THIS CIRCUIT SHALL BE BROUGHT TO A LOCATION NEXT TO THE CONTROLLER AND BE AVAILABLE TO CONNECT AND TEST UPON ELEVATOR INSTALLATION.
- 17- THE APPROPRIATE ENVIRONMENT FOR THE ECLIPSE IS BETWEEN 0C TO +40C (32F TO 104F), 20-80% HUMIDITY (NON-CONDENSING). VF DRIVE RELIABILITY IMPROVES IN ENVIRONMENTS WITHOUT WIDE TEMPERATURE FLUCTUATIONS.

WHEN CONTROLLER EXTERNAL

- 18- 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-

- 19- FROM CONTROLLER ROOM TO RUNWAY AS REQUIRED.
(POSITION PER INSTALLERS INSTRUCTIONS).

*CODE

- 20- ALTHOUGH THE ELEVATOR IS DESIGNED TO MEET CSA B44 [ANSI A17.1], LOCAL CODES MAY VARY. DEALER IS RESPONSIBLE FOR COMPLYING WITH LOCAL CODES.

ALL INFORMATION IS SUBJECT TO CHANGE.
PLEASE REFERENCE OUR ON-LINE DRAWINGS AT
www.savaria.com FOR THE MOST RECENT UPDATES

ECLIPSE
RESIDENTIAL
ELEVATOR

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AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT