

# PROVISIONS BY OTHERS

## HOISTWAY, CONSTRUCTION SITE, CLEARANCE

- 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.
- DISTANCE BETWEEN THE HOISTWAY SIDE OF THE LANDING DOOR AND THE CAR DOOR OR GATE SHALL NOT EXCEED 4'(102 MM) USING THE CODE MEASURING TOOL. FOR ACCORDION PANEL FOLD GATES, YOU MUST HAVE FLUSH DOORS (NOT THE 3/4" SETBACK). 3/4" SETBACK IS POSSIBLE ONLY WHEN THE CAR DOORS ARE BIFOLD OR SLIM DOORS
- 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 HOISTWAY
- 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.)
- HOISTWAY TO BE FREE OF ALL PIPES, WIRING AND OBSTRUCTIONS NOT RELATED TO THE OPERATION OF THE ELEVATOR.
- 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

- A LOAD BEARING WALL IS REQUIRED TO SUSTAIN RAIL REACTIONS AS SPECIFIED ON DRAWING. BUILDING CONTRACTOR 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.
- SUITABLE LINEELS MUST BE PROVIDED BY OWNER/AGENT. DOOR FRAMES ARE NOT DESIGNED TO SUPPORT OVERHEAD WALL LOADS.
- SUITABLE LINEELS MUST BE PROVIDED BY OWNER/AGENT. ALL FULL HEIGHT DOORS MUST BE ALIGNED WITH THE DOOR CENTERLINE SHOWN ON PLAN DETAIL. DOOR WITH THE CORE IS BETTER THAN THE HOLLOW DOOR.
- DOOR HANDLES ARE REQUIRED FOR ALL FULL SIZE DOORS.
- SEE INSTALLATION MANUAL FOR DETAILS ON THE INTERLOCKS. INTERLOCKS ARE REQUIRED FOR ALL FULL SIZE DOORS.

## \*ELECTRICAL

- THE ELEVATOR CONTROLLER IS 24" (620mm) WIDE X 23" (584mm) HIGH X 6.7" (170mm) DEEP. THE CONTROLLER IS PROVIDED BY SAVARIA CONCORD AND IS EITHER:
  - ATTACHED TO THE RAIL WALL INSIDE THE HOISTWAY BETWEEN THE 1" RAILS WITH ACCESS EITHER UNDER THE CAB OR THROUGH THE CAB OF THE ELEVATOR, OR
  - 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.
- 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 FUSES). 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   | 30 AMPS              | 240   | 1     | 20.2 AMPS |
| CAB LIGHTS      | 15 AMPS              | 115   | 1     |           |

- FIELD ELECTRICAL WIRING AND CONNECTIONS TO HALL-CALLS, PIT SWITCH AND INTERLOCKS ARE PROVIDED.
- 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) LIGHTING OF 100 LX MIN. AT PLATFORM AND LANDINGS. LIGHTING WITH SWITCH AND ELECTRICAL GFCI OUTLET IN HOISTWAY PIT.
- 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.
- THE APPROPRIATE ENVIRONMENT FOR THE ECLIPSE IS BETWEEN 0C TO +40C (32F TO 104F), 20-80% HUMIDITY (NON-CONDENSING). V/F DRIVE RELIABILITY IMPROVES IN ENVIRONMENTS WITHOUT WIDE TEMPERATURE FLUCTUATIONS.

## WHEN CONTROLLER EXTERNAL

- 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.

## \*CODE

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

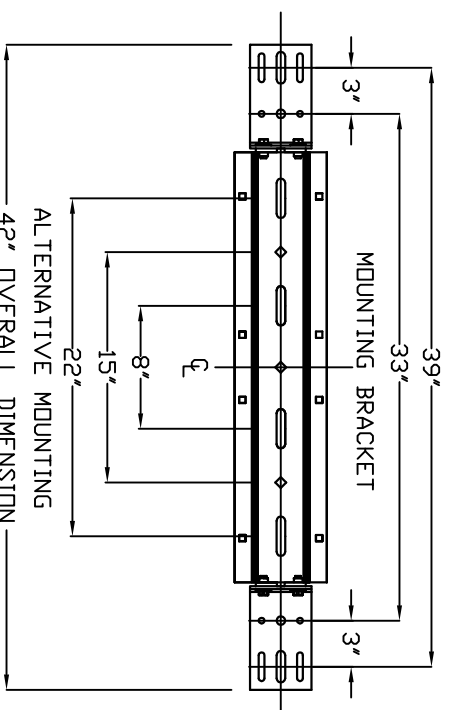
## GENERAL

CLASSIFICATION: Residential Building  
 APPLIED CODE: ASME 17.1-2010 SEC. 5.3  
 MODEL: Eclipse  
 CAPACITY: 950lbs  
 NOMINAL SPEED: 40 fpm UP AND DOWN  
 TRAVEL: 240 "  
 PIT DEPTH: 8 "  
 POWER SUPPLY: 60 HZ Single Phase 240 volt

## DRIVE UNIT

DRIVE ASSEMBLY MFR: CONCORD  
 MOTOR: 2.0 Hp V/Integral Brake FROM NORD  
 GEAR MODEL: 42.17:1 Ratio Gear Box  
 MOTOR CONTROLLER: Preprogrammed V/F Drive.

## LOAD BEARING WALL



## MOUNTING BRACKET

## FIRST DOOR BY LANDING CHART

| DOOR TYPE            | LANDING 1          | LANDING 2          | LANDING 3          |
|----------------------|--------------------|--------------------|--------------------|
| ENTRANCE SIDE        | Doors By Others    | Doors By Others    | Doors By Others    |
| DOOR SWING           | Side C             | Side C             | Side C             |
| LOCK TYPE            | Left Hand Swing    | Left Hand Swing    | Left Hand Swing    |
| AUTO DOOR OPENER     | SDL For Flush Door | SDL For Flush Door | SDL For Flush Door |
| HALL CALL KEY SWITCH |                    |                    |                    |
| FLOOR MARKING        | 1                  | 2                  | 3                  |

## RAIL FORCES

| R1                                     | R2               |
|--|------------------|
| 1382 kg [304 lbf]                      | 882 kg [194 lbf] |
| RAIL WEIGHT: 245 kg / m [180 lbs / ft] |                  |

## R3 NOTE:

PIT FLOOR TO SUPPORT LOAD OF: 2909 kg \*(INCLUDES IMPACT) [6400 lbs]  
 4 WALL ANCHOR POINTS MIN. PER BRACKET  
 2 PER SIDE OF RAIL BRACKET CENTER LINE  
 PULL OUT FORCE PER FASTENER 69 kg (152 LBS)

## CAR FINISH DETAILS

CAB PANEL SELECTION: To Be Determine  
 HARDWOOD FINISHES: Not applicable  
 CEILING SELECTION: standard (white)  
 POT LIGHT FINISH: Stainless Steel  
 TRIM COLOUR: Clear Anodized Aluminum  
 CAR STATION PLATE: Clear Anodized Alum. with PI  
 HAND RAIL TYPE: Clear Anodized Aluminum  
 CAB FLOORING: Plywood Floor 3/4"  
 FINISHED FLOOR THICKNESS: 3/4" finish  
 TELEPHONE BOX: Telephone Box Required  
 HALL CALL STATIONS: Call Stations are the Same  
 HALL CALL FINISH: Rect. Clear Anodized Aluminum  
 TELEPHONE CABINET: Telephone Box Required

CAR DIMENSIONS/PLATFORM GATES

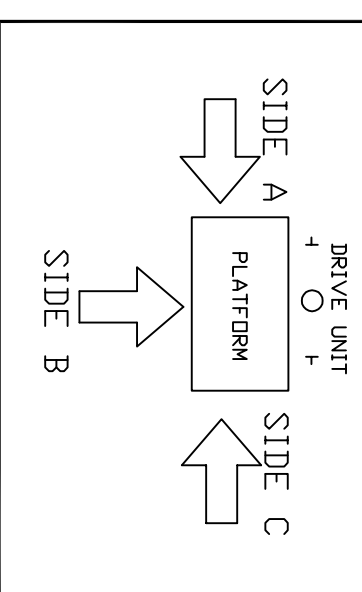
CAB TYPE: Type 1 Right Hand  
 CAB OPERATION: auto  
 GATES REQUIRED: Manual Gates  
 GATE TYPE: Panel Fold/Clear/WHT 3 Plexi  
 GATE FINISH: Gate Finish ; Hard Hinges /locking mechanism  
 LANDING DOOR FINISH: N/A  
 SUSPENSION

TYPE: DUAL #60 ROLLER CHAIN RATIO 1:1  
 CONSTRUCTION: ANSI B29.1  
 NOMINAL STRENGTH: 9020 LBS PER CHAIN  
 CHAIN LENGTH: 282 "  
 SAFETIES: TYPE A

OPTIONS

FASTENERS: Lag Bolts  
 ADDITIONAL CABLE: Additional Cable Not Required  
 TEMP. RUN BUTTON: Temp Run Button not Included  
 DISCONNECT: By Others  
 BUFFER SPRING: no  
 PHONE: Standard Phone Provided  
 TRAVELING CABLE: Flat Travelling Cable provided  
 LED POT LIGHT: LED Pot Light  
 FLOOD SWITCH: Not Required  
 ECLIPSE WHEELS UPGRADE: Guide shoe  
 NY CAM KIT: No

## ENTRANCE SIDE LEGEND



# DATA SHEET

## CUSTOMER:

MAINE ACCESSIBILITY CORP.

PROJECT: DATE SHARBAZIAN

ADDRESS: PORTLAND, ME

|                              |          |
|------------------------------|----------|
| OFFICE USE ONLY:             |          |
| CONFIGURATION VERSION STAMP: | 0.0      |
| MODULE VERSION STAMP:        | E-573206 |

Part No. 95209  
 Variant No. 95209



DATE: 05/12/17  
 REVISION DATE: 05/12/17  
 COMPLETED BY: hprentice@shz

JOB No. P-0000003  
 SHEET No. 3 OF 3