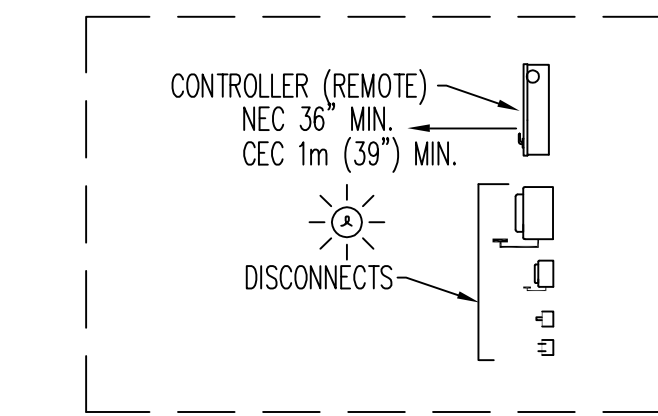
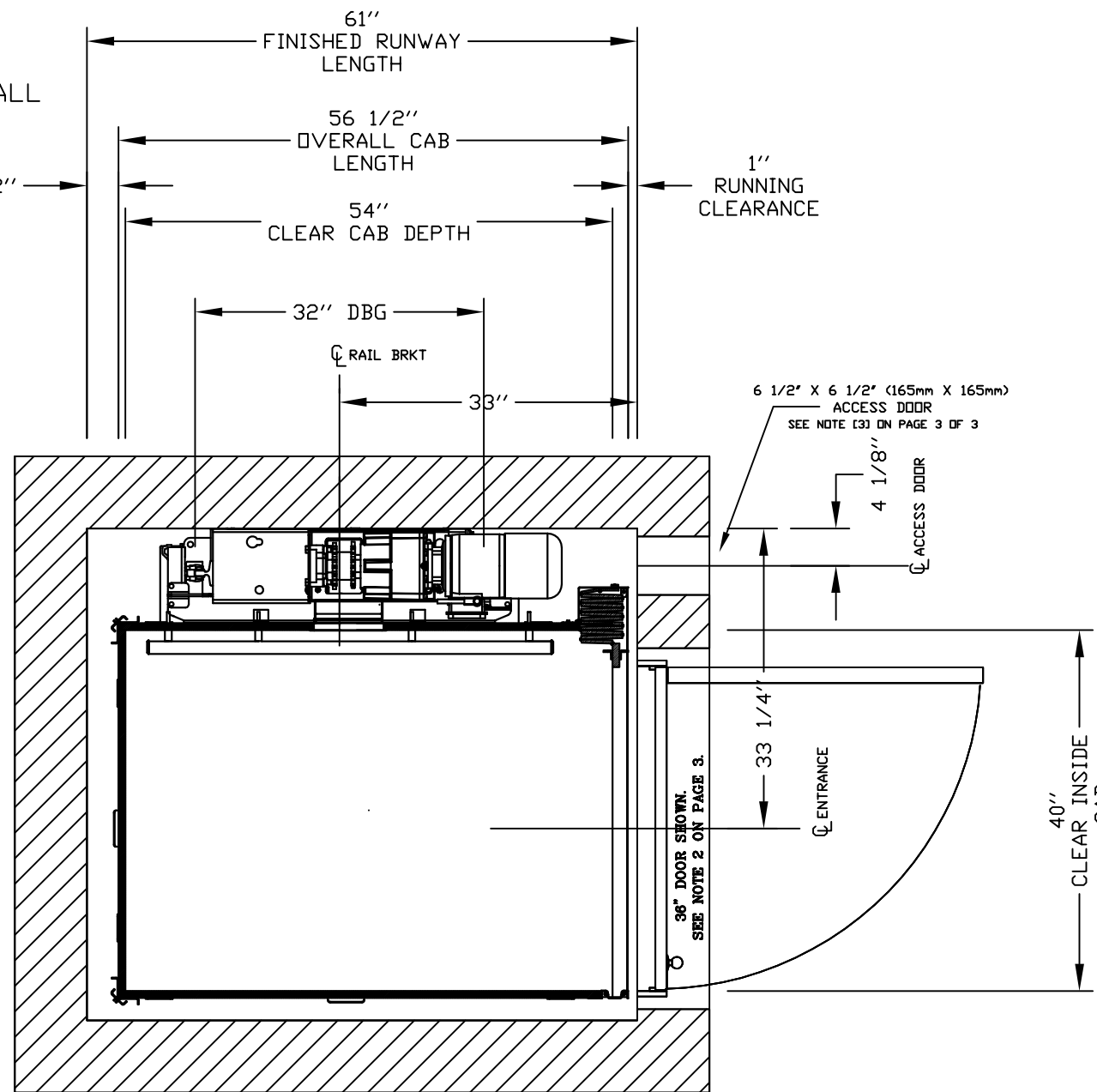


**PLEASE NOTE:**

- OVERALL HOISTWAY LENGTH AND WIDTH DIMENSIONS ARE FROM DRYWALL TO DRYWALL (WHERE APPLICABLE)
- 34" GATE CLEAR OPENING



**DISCONNECTS AND CONTROLLER (REMOTE)**

**PRELIMINARY DRAWING ONLY  
DRAWING APPROVAL:**

THIS DRAWING REFLECTS OUR INTERPRETATION OF THE INFORMATION PROVIDED BY THE DEALER ON THE ORDER FORM. THIS INFORMATION IS THE DEALER'S RESPONSIBILITY AND IS THE BASIS FROM WHICH THIS LIFT IS DESIGNED AND MANUFACTURED. PLEASE INDICATE THE REQUESTED ACTION BY CHECKING ONE OF THE FOLLOWING BOXES AND SIGNING BELOW TO AUTHORIZE COMPLETION OF THIS ORDER.

APPROVED WITH NO EXCEPTIONS  
MANUFACTURE PRODUCT AS PER DRAWING

APPROVED WITH EXCEPTIONS, NO REAPPROVAL  
REQUIRED

MAKE CHANGES AS NOTED, NO REAPPROVAL DRAWING REQUIRED

CHANGE AS NOTED, REAPPROVAL DRAWING REQUIRED  
MAKE CHANGES AS NOTED, SEND CORRECTED DRAWING FOR REAPPROVAL BEFORE MANUFACTURE.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

CHANGES REQUEST:

- 1.
- 2.
- 3.
- 4.

**CAUTION: ONCE THE DRAWING IS APPROVED, JOB CANCELLATION FEES WILL APPLY.**

<b>OFFICE USE ONLY:</b>		Part No.
CONFIGURATION VERSION STAMP	O.O	Variant No. 113137
MODEL VERSION STAMP	[4-7388]	
CUSTOMER:	DATE:	
PROJECT:	REVISION DATE:	
ADDRESS:	CHECKED BY:	
	DATE:	
	JOB No. P-000000	SHEET No. 3 OF 3

**PLAN VIEW**

**FINE STATE ELEVATOR**

100 MOODY STREET

**savaria**

**PROVISIONS BY OTHERS**

**\*HOISTWAY CONSTRUCTION SITE CLEARANCE**

- 1- HOISTWAY CONSTRUCTION AND FIT 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 1/8" (3mm) OF PLUMB AND SQUARE FROM TOP TO BOTTOM FOR PROPER OPERATION OF THE ELEVATOR THROUGHOUT THE HOISTWAY.
- 2- 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 FOLD DOORS ON THE 3/4" SETBACK. 3/4" SETBACK IS POSSIBLE ONLY WHEN THE CAR DOORS ARE BIFOLD OR SLIM DOORS. RECOMMEND SOLID CORE DOOR SLAB.
- 3- HOISTWAY MUST HAVE A MINIMUM LOCKABLE ACCESS WHICH PROVIDED BY THE MANUAL LOWERING HANDLE. MANUAL LOWERING HANDLE WILL ENABLE USES TO OVERPOWER BRAKE AND LOWER CAR WITHOUT ADJUDLY ENTRY TO THE HOISTWAY.
- 4- THE PIT FLOOR SHALL BE CONSTRUCTED TO WITHSTAND AN IMPACT LOAD OF 6400 LBS (2900kg) REF. CSA B44 SECTION 2.11 (ASME/A17.1 SECTION 106)
- 5- HOISTWAY TO BE FREE OF ALL RISERS, WIRING AND OBSTRUCTIONS NOT RELATED TO THE OPERATION OF THE ELEVATOR.
- 6- HOISTWAY CONSTRUCTION REQUIREMENTS MAY VARY FROM REGION TO REGION. DIMENSIONS GIVEN ARE MANUFACTURER'S 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 DETERMINE IF SUPPORTING WALL WILL SUSTAIN RAIL REACTIONS FOR COMPLYING WITH LOCAL CODES. STRUCTURE TO ANCHOR A CRANK SHAFT AND SAFETY HANDLES, WHERE APPLICABLE/NEEDED, TO BE PROVIDED BY CONTRACTOR.
- 8- SUITABLE LINTELS MUST BE PROVIDED BY OWNER/AGENT.
- 9- DOOR FRAMES ARE NOT DESIGNED TO SUPPORT OVERHEAD WALL LOADS.
- 10- SUITABLE LINTELS 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.
- 11- DOOR HANDLES ARE REQUIRED FOR ALL FULL SIZE DOORS.
- 12- SEE INSTALLATION MANUAL FOR DETAILS ON THE INTERLOCKS. INTERLOCKS ARE REQUIRED FOR ALL FULL SIZE DOORS.

**\*ELECTRICAL**

- 13- THE ELEVATOR CONTROLLER IS 24" (609mm) WIDE X 23" (584mm) HIGH X 6.7" (171mm) DEEP. THE CONTROLLER IS PROVIDED BY SAVARIA CONCORD AND IS EITHER:
  - A. 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.
  - B. IN A REMOTE LOCATION EXTERNAL TO HOISTWAY, THAT REQUIRES PROPER STRUCTURAL WALL TO SUPPORT THE CONTROLLER ON ALL 4 CORNERS. HOLE POSITIONS ARE: 23" (584mm) WIDE BY 21" (533mm) HIGH.
- 14- ARRANGE FOR A POWER SUPPLY WITHIN SIGHT OR NEXT TO THE ELEVATOR CONTROLLER PRIOR TO DELIVERY OF THE UNIT (WITH 240 VOLT AND 115 VOLTS 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 2 POLE FUSED DISCONNECT (20 AMP FUSE). 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 AMP	AMP S	240	1	20.2 AMP	
CAB LIGHTS	15 AMP	AMP S	115			

- 15- FIELD ELECTRICAL WIRING AND CONNECTIONS TO HALL-CALLS, PIT SWITCH AND INTERLOCKS ARE PROVIDED.
- 16- 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 CONTACT WITH THE HOT BALL, THE SWITCH, LIGHT, AND GUARD ARE PROVIDED AND INSTALLED BY OTHERS. MUST COMPLY WITH APPLICABLE CODES. LIGHTING OF JOB IS FROM PLATFORM AND LANDINGS. LIGHTING WITH SWITCH AND ELECTRICAL GFCI OUTLET IN HOISTWAY PIT.
- 17- TELEPHONE CIRCUITS ARE REQUIRED OPTION FOR ELEVATOR JACKS 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.
- 18- THE APPROPRIATE ENVIRONMENT FOR THE ECLIPSE IS BETWEEN 0C TO +40C (32F TO 104F), 20-80% HUMIDITY (NON-CONDENSING), 1% VIBRE, RELIABILITY IMPROVES IN ENVIRONMENTS WITHOUT WIDE TEMPERATURE FLUCTUATIONS.

**WHEN CONTROLLER EXTERNAL**

- 19- 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**

- 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.

**GENERAL**

CLASSIFICATION: Residential Building

APPLIED CODE: ASME 17.1-2013 SEC. 5.3

MODEL: Eclipse

CAPACITY: 950lbs

NOMINAL SPEED: 40 Fpm UP AND DOWN

TRAVEL: 391"

PIT DEPTH: 8"

POWER SUPPLY: 60 Hz Single Phase 240 volt

**DRIVE UNIT**

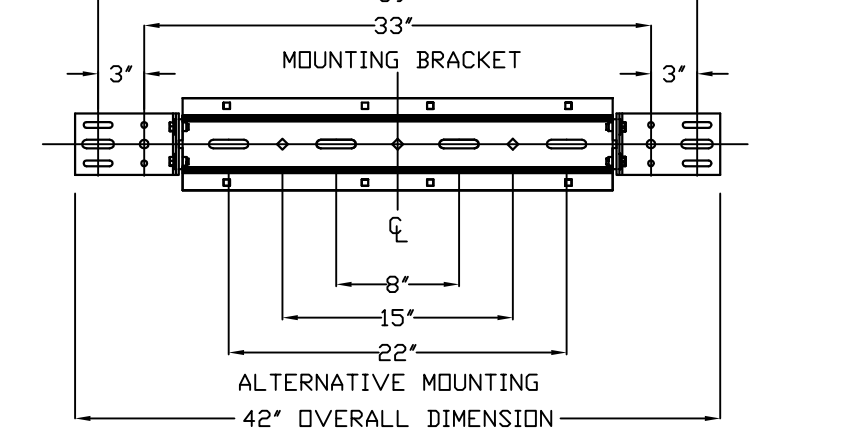
DRIVE ASSEMBLY MFR: CONCORD

MOTOR: 2.0 Hp W/Integral Brake FROM NORD

GEAR MODEL: 42:171 Ratio Gear Box

MOTOR CONTROLLER: Preprogrammed VF Drive.

**LOAD BEARING WALL**



**ALTERNATIVE MOUNTING**

42" OVERALL DIMENSION

**MOUNTING BRACKET**

**FIRST DOOR BY LANDING CHART**

	LANDING 1	LANDING 2	LANDING 3
DOOR TYPE	Doors By Others	Doors By Others	Doors By Others
ENTRANCE SIDE	Side C	Side C	Side C
DOOR SWING	Left Hand Swing	Left Hand Swing	Left Hand Swing
LOCK TYPE	Porta Lock	Porta Lock	Porta Lock
AUTO DOOR OPENER	remanoff	remanoff	remanoff
HALL CALL KEY SWITCH	remanoff	remanoff	remanoff
FLOOR MARKING	1	2	3

<b>RAIL FORCES</b>		<b>R3 NOTE:</b>	
*R1	*R2	PIT FLOOR TO SUPPORT LOAD OF: 2909 kg * (INCLUDES IMPACT) [6400 lbs]	
138.2 kg [304 lbf]	88.2 kg [194 lbf]	4 WALL ANCHOR POINTS MIN. PER BRACKET	
RAIL WEIGHT 180 lbs / ft		2 PER SIDE OF RAIL BRACKET CENTER LINE	
		PULL OUT FORCE PER FASTENER 69 kg (152 LBS)	

**DATA SHEET**

**FINE STATE ELEVATOR**

100 MOODY STREET

**savaria**

**CAR FINISH DETAILS**

CAB PANEL SELECTION: Unfinished Birch Veneer

CAB SPECIAL FINISH: Not applicable

CEILING SELECTION: Match Cab

POT LIGHT FINISH: Stainless Steel

TRIM COLOR: Clear Anodized Aluminum

CAR STATION PLATE: Stainless Steel/Pt

HAND RAIL TYPE: Cylindrical S/S #4 Finish

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: Rectangular S/S #4 Finish

TELEPHONE CABINET: Telephone Box Required

**CAR DIMENSIONS/PLATFORM GATES**

CAB TYPE: Type 1 Right Hand

CAB OPERATION: auto

GATES REQUIRED: Manual Gates

GATE TYPE: Aluminum Perforated (Clear T)

GATE FINISH: Gate Finish 1/4" Roller Hinges (locking mechanism)

LANDING DOOR FINISH: N/A

SUSPENSION

TYPE: DUAL #60 ROLLER CHAIN RATIO 1:1

CONSTRUCTION: ANSI B291

NOMINAL STRENGTH: 9020 LBS PER CHAIN

CHAIN LENGTH: 435"

SAFETIES: TYPE A

OPTIONS:

FASTENERS: Log Bolts

ADDITIONAL CABLE: Additional Cable Not Required

TEMP. RUN BUTTON: Micro6 programming & Temp Run

DISCONNECT: By Others

BUFFER SPRING: no

PHONE: Standard Phone Provided

TRAVELING CABLE: Flat Travelling Cable provided

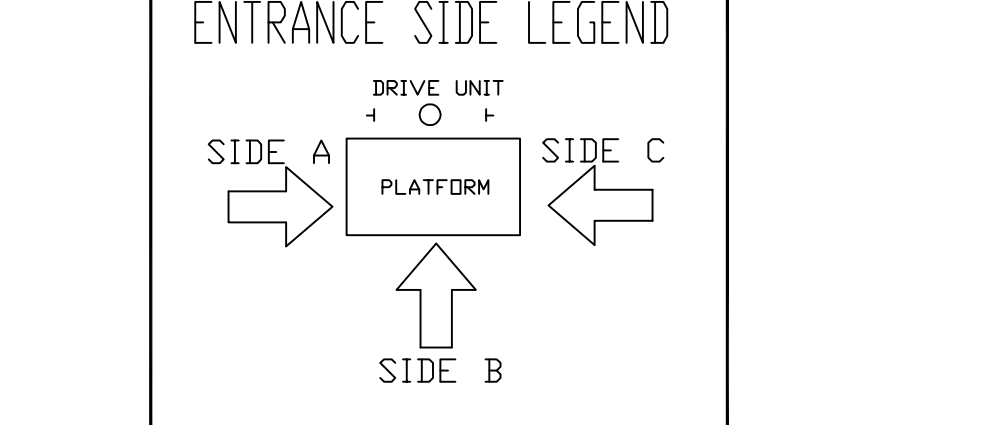
LED POT LIGHT: LED Pot Light

FLOOD SWITCH: Not Required

ECLIPSE WHEELS UPGRADE: Rollers instead of guide shoe

NY CAM KIT: No

**ENTRANCE SIDE LEGEND**



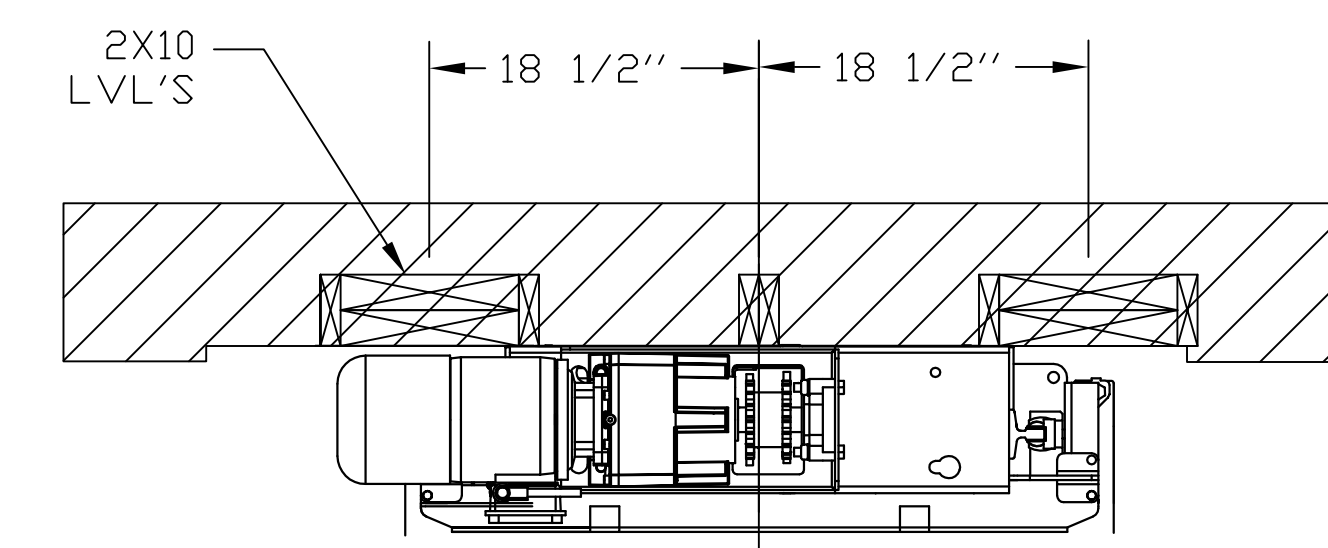
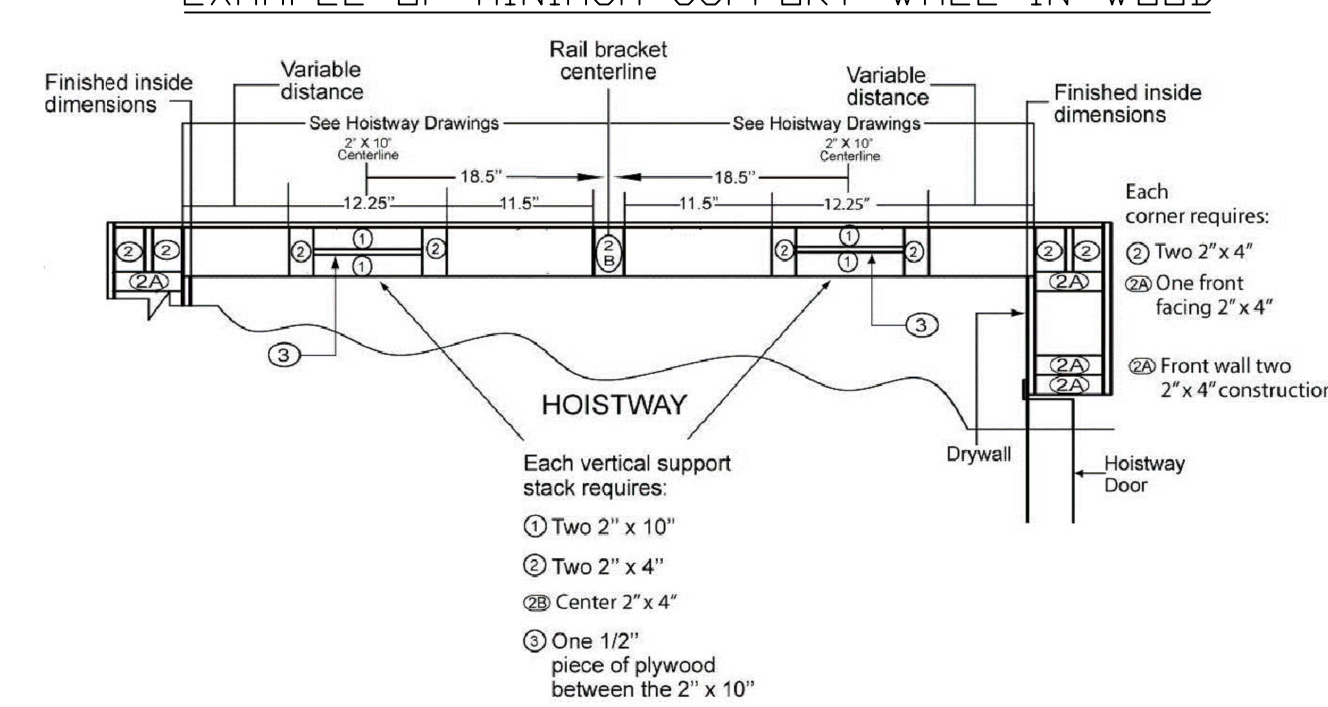
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	DATE:
	JOB No. P-000000
	SHEET No. 3 OF 3

**NOTE:**

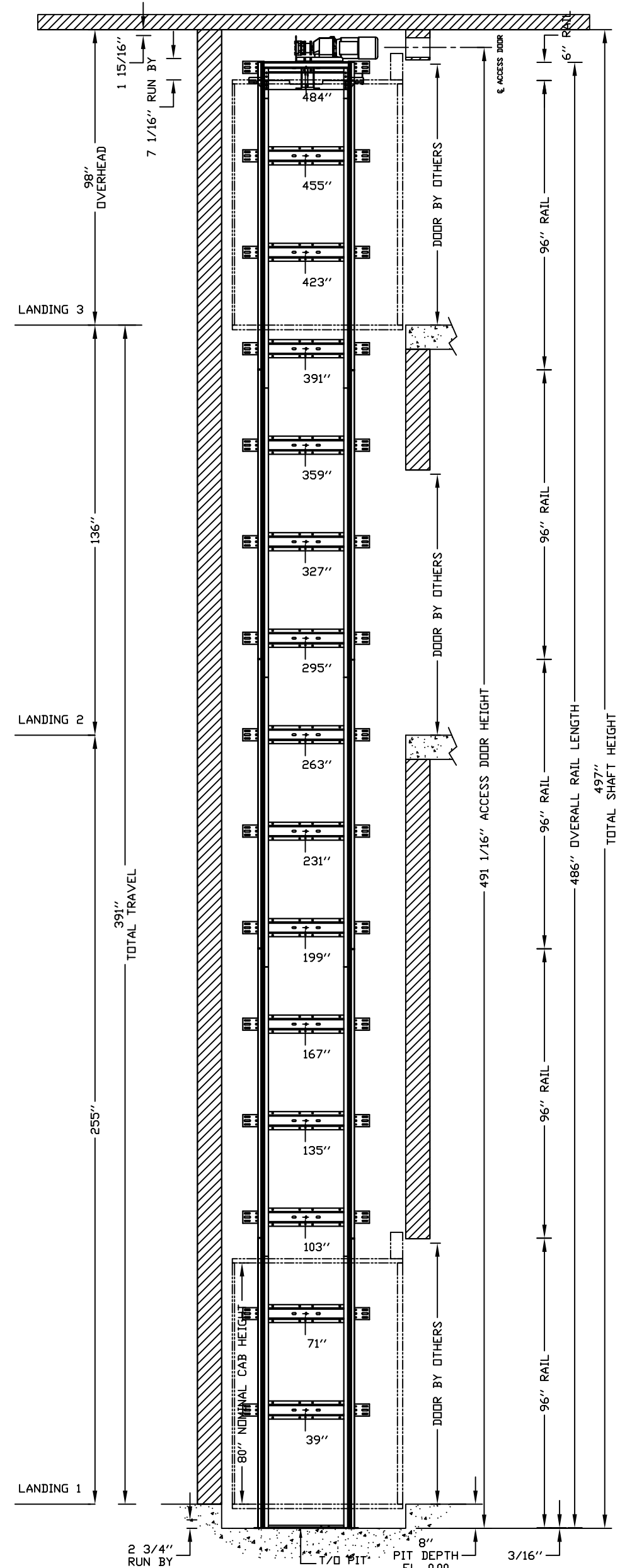
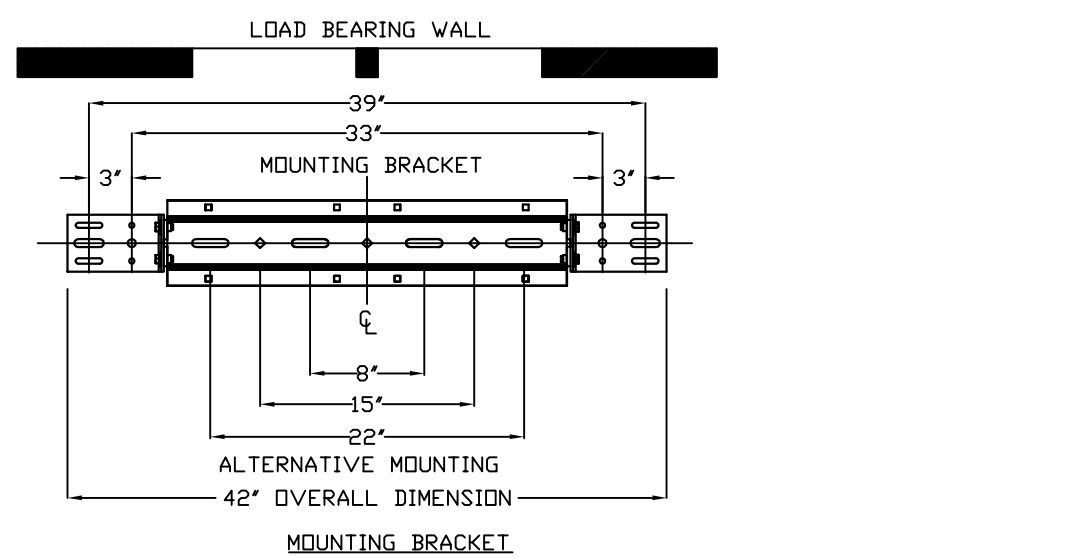
- 1- THIS DRAWING IS FOR REFERENCE ONLY. BUILDING STRUCTURAL ENGINEER TO ENSURE THAT THE BUILDING AND HOISTWAY WILL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT
- 2- FIRE RATING OF HOISTWAY IS SUBJECT TO LOCAL BUILDING CODES.

**EXAMPLE OF MINIMUM SUPPORT WALL IN WOOD**



<b>RAIL FORCES</b>		<b>R3 NOTE:</b>	
*R1	*R2	PIT FLOOR TO SUPPORT LOAD OF: 2909 kg * (INCLUDES IMPACT) [6400 lbs]	
138.2 kg [304 lbf]	88.2 kg [194 lbf]	4 WALL ANCHOR POINTS MIN. PER BRACKET	
RAIL WEIGHT 180 lbs / ft		2 PER SIDE OF RAIL BRACKET CENTER LINE	
		PULL OUT FORCE PER FASTENER 69 kg (152 LBS)	

FASTENERS PROVIDED WITH ELEVATOR ARE: 1/2" X 3" ZINC GRADE 5 CARBON STEEL HEX HEAD LAG FOR WOOD BLOCKING OR 1/2" X 3" HEX NUT SLEEVE ANCHOR STEEL ZINC FOR CONCRETE BLOCKING



**ELEVATION VIEW B-B**

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	SHEET No. 2 OF 3

**CHANGES THIS ISSUE**

ISSUE NUMBER	DATE	DESCRIPTION
1	12/20/2017	CITY REVIEW
2	12/20/2017	DESIGN DEVELOPMENT LET

**SUBMISSIONS:**

ISSUE	DATE	DESCRIPTION
1	12/20/2017	CITY REVIEW
2	12/20/2017	DESIGN DEVELOPMENT LET

**ARCHITECT**

**BRADY RESIDENCE**

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PORTLAND, ME 04101

**Brady Residence**

Jim and Julia Brady

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