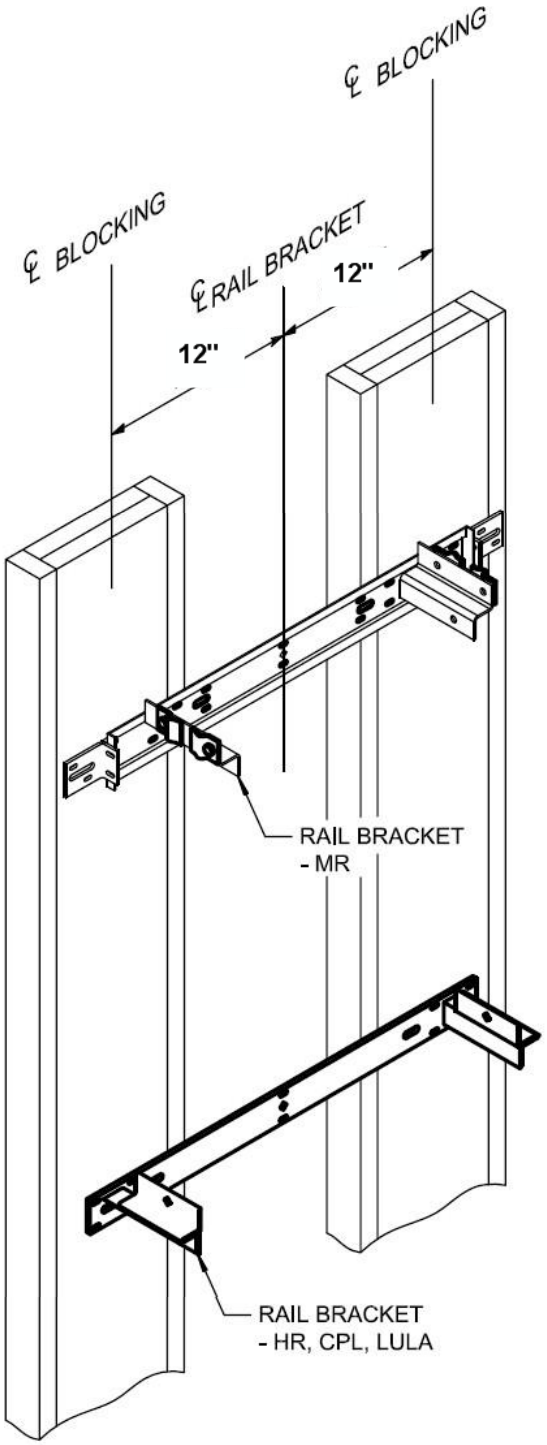


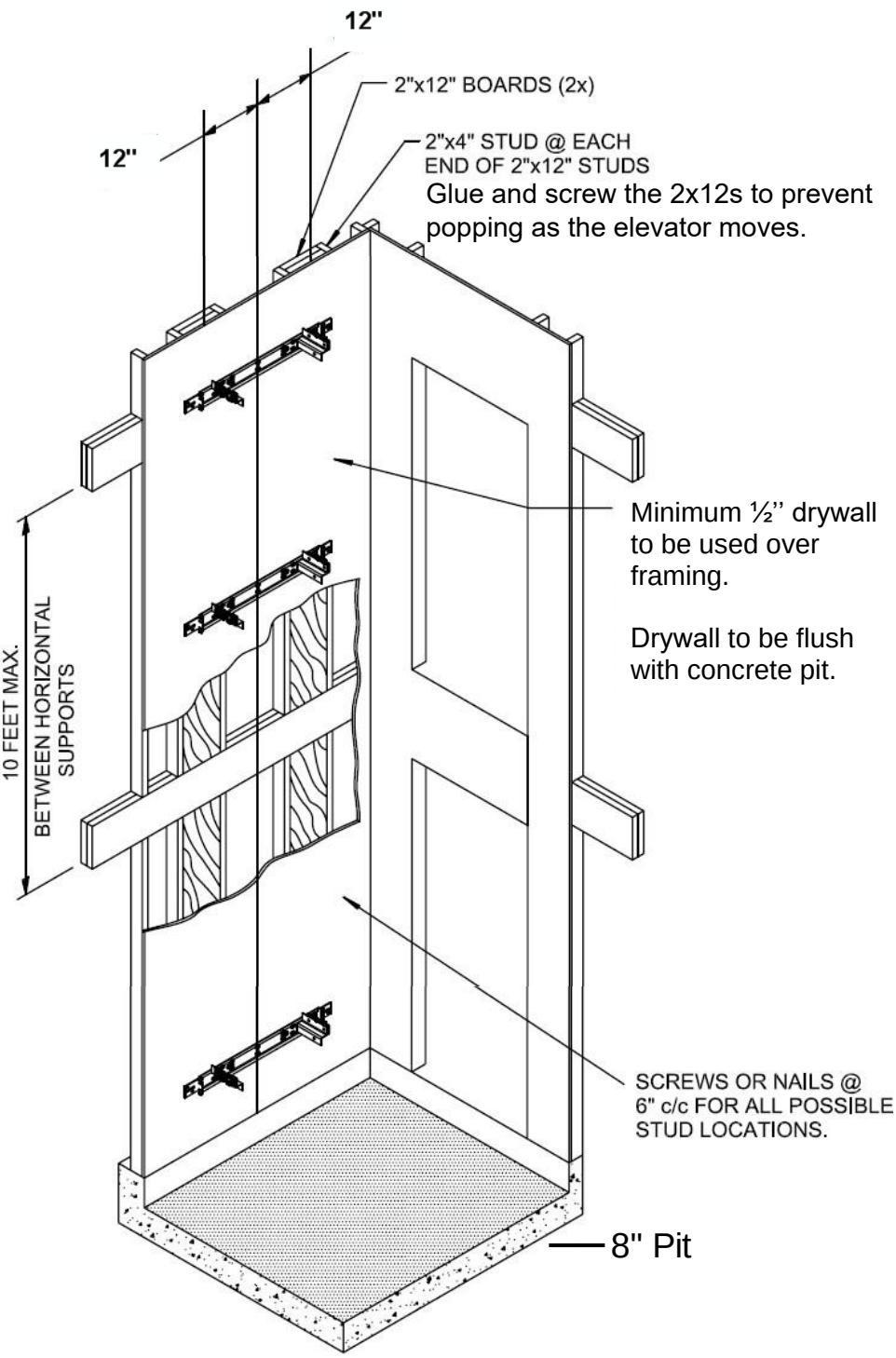
Builders Guide

678-446-2213

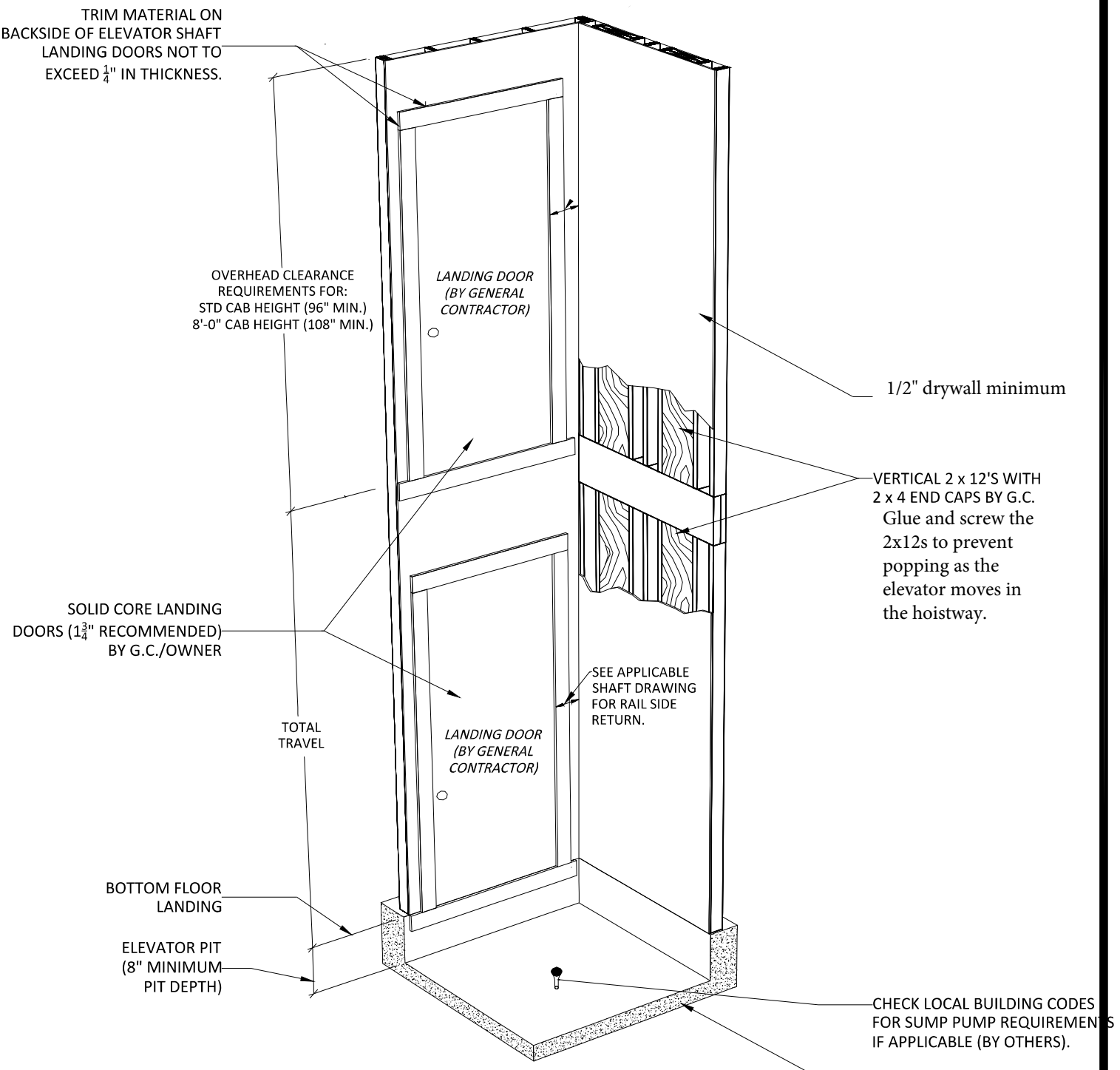
https://www.lec.homes/

Blocking Detail





NOTE:
ALL WORK SHOWN TO BE DONE BY GENERAL CONTRACTOR.



ISOMETRIC / CROSS SECTION VIEW

SCALE - NOT TO SCALE

DRAWING NAME:	DRAWING NUMBER:
ISOMETRIC ELEVATION	HED_ISOMETRIC. ELEVATION

MACHINE ROOM SPECS

(A) A GFI RECEPTICLE IS TO BE PROVIDED IN THE ELEVATOR MACHINE ROOM/SPACE PER NEC-2002 (BY OTHERS)

(B) MACHINE ROOM DOOR TO BE A MINIMUM OF 30" WIDE AND SWING OUTWARD AND MUST BE LOCKABLE WITH A KEY (BY OTHERS)

(C) LIGHT SWITCH TO BE INSTALLED ADJACENT TO LOCK SIDE OF THE DOOR AND LIGHT MUST BE PROVIDED INSIDE MACHINE ROOM (BY OTHERS)

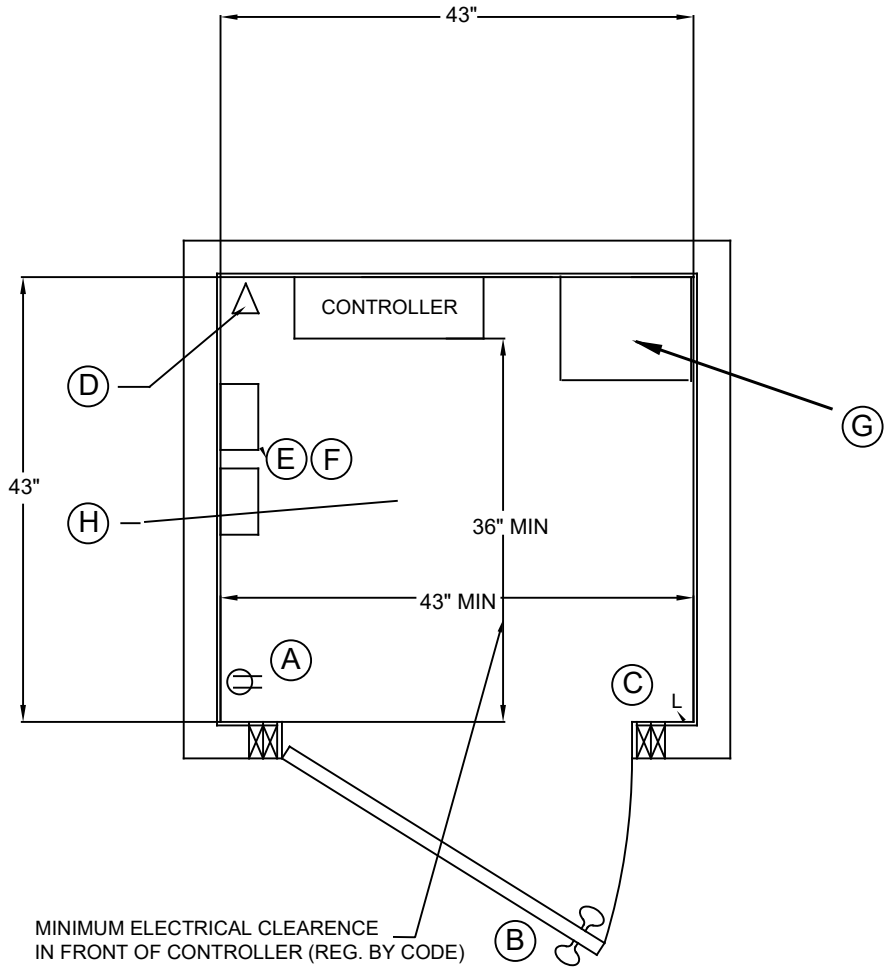
(D) PROVIDE A PHONE LINE TO THE ELEVATOR MACHINE ROOM AND INSTALL IN A 4"X4" BOX WITH COVER. MUST HAVE MIN. 10' - 15' TAIL (BY OTHERS)

(E) 230 VAC, 2 POLE SINGLE PHASE FUSED DISCONNET WITH 30 AMP RK-5 FUSES PER NEC-2002 (BY OTHERS)

(F) PROVIDE 120 V, FUSED DISCONNECT FOR ELEVATOR CAB INTERIOR LIGHT(S), LOCKABLE IN THE OPEN POSITION PER NEC-2002 (BY OTHERS)

(G) PUMPING UNIT

(H) 6'-6" MINIMUM HEADROOM REQUIRED IN MACHINE ROOM



MACHINE ROOM PLAN VIEW

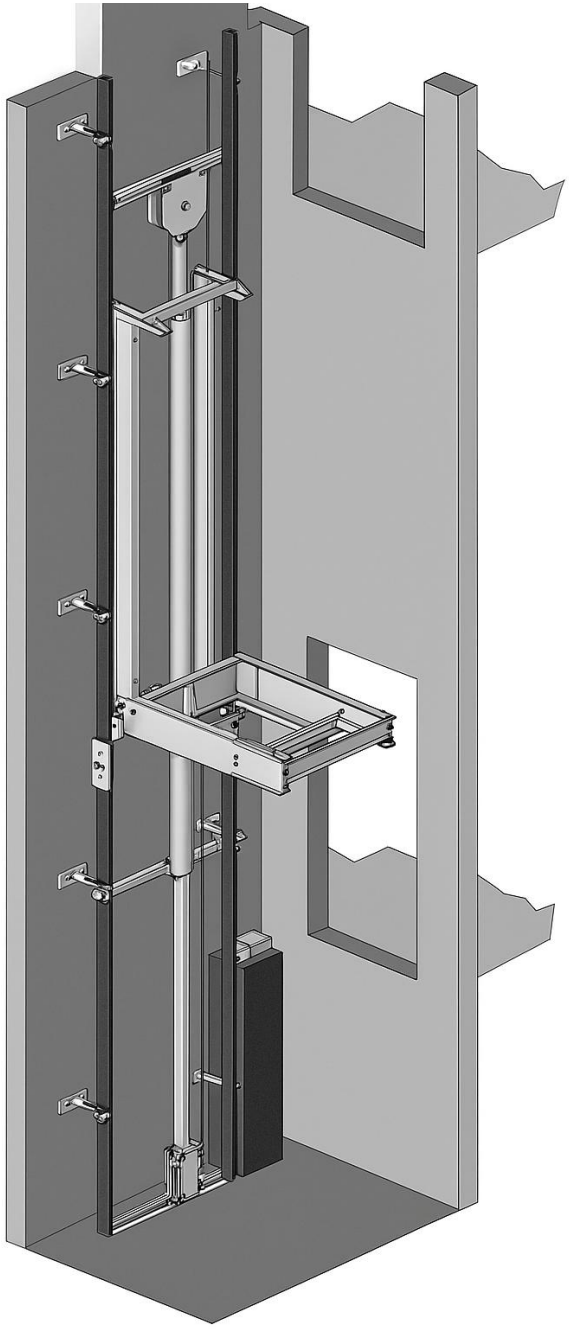
SCALE= NOT TO SCALE

MRL Specs

(machine room-less option)

- Hoist way must be approved by LEC sales rep for a MRL install.
- The pumping unit will be located in the hoist way pit and an 8”x 8” access panel must be installed directly above it on the wall after install is complete.
- A 30”x 30”x 8" box must be framed into the wall of the hoist way with a minimum ¾” plywood backer to house the electricals. The box can be located on any non-rail wall of the hoist way on any level.
- Install the two required disconnects arranged vertically in the electrical box.
- Provide a phone line in the electrical box. Must have min. 5' tail.
- Install cover panel on electrical box with a keyed lock.
- A GFI receptacle is to be installed in the electrical box.





Elevator Electrical Requirements

1. Dedicated 120V 15 Amp Fused Disconnect, Lockable switch or lockable circuit breaker, for cab lighting
2. Dedicated 230V 30 Amp Fused Disconnect for Main Power supply
3. GFI Outlet.
4. Light Fixture with wall switch.

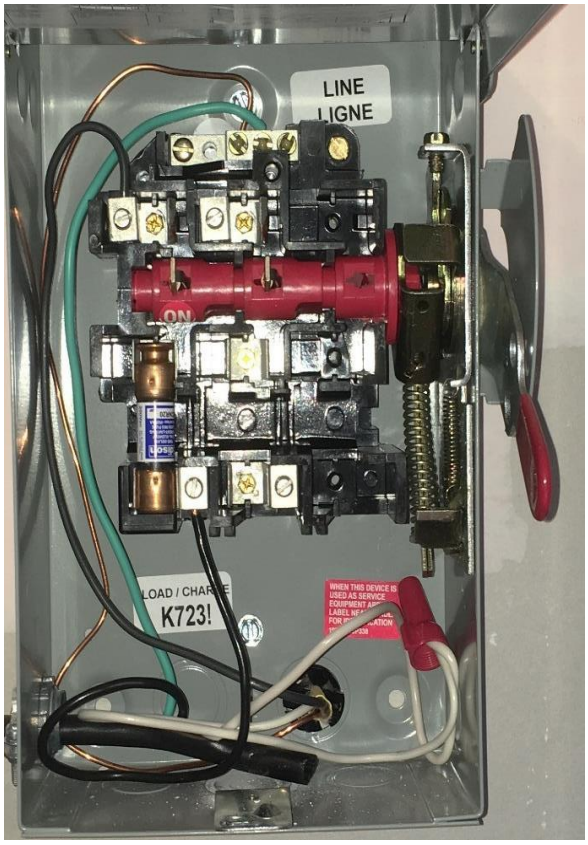
30 amp 230 vac

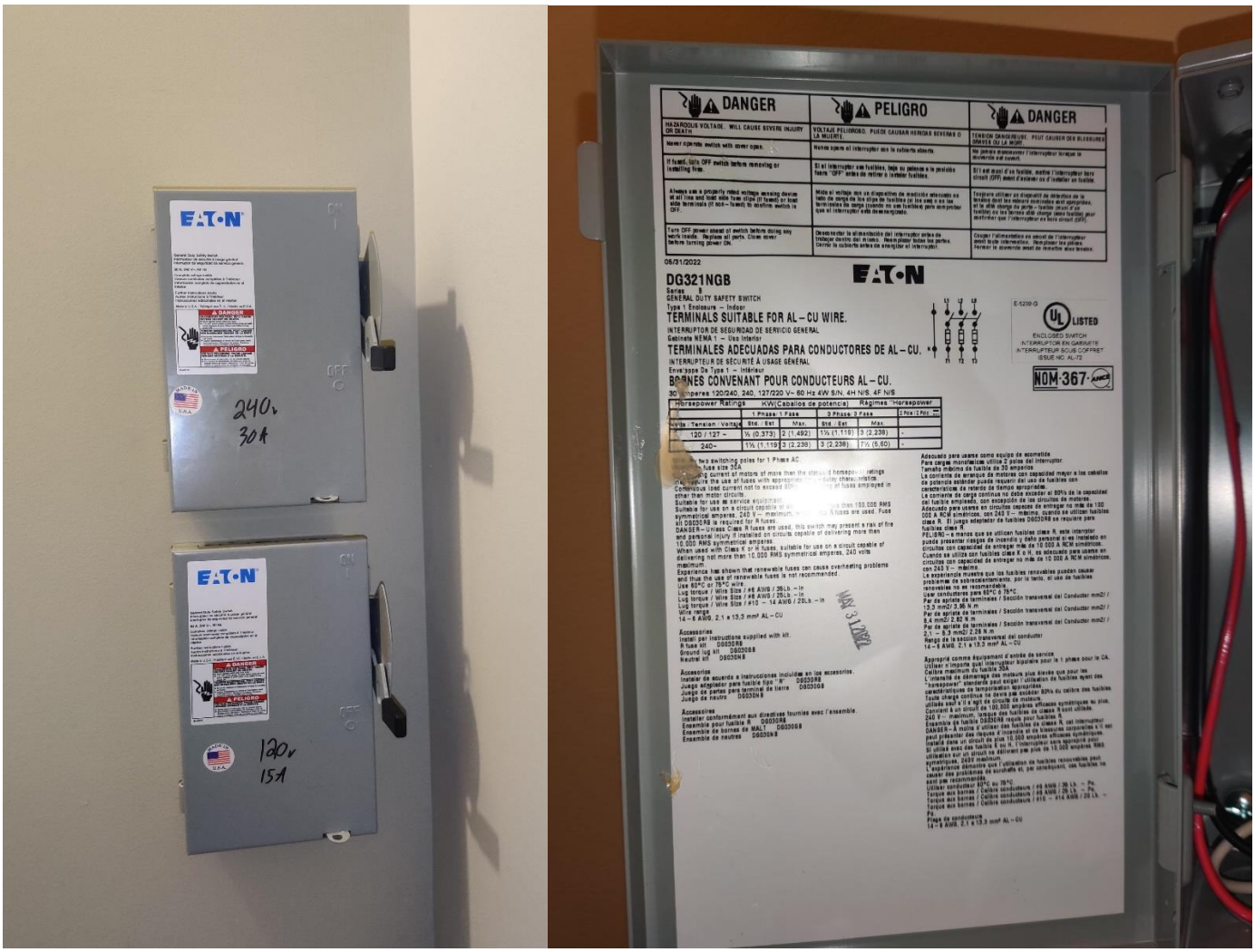
- Dedicated 10-3 Wire with a ground.
- Fuse each leg with RK5 Fuses
- The third leg will be used as an auxiliary contact.

15 amp 120 vac

- Dedicated 120V 15 Amp lockable Disconnect, Lockable switch, or lockable circuit breaker, for cab lighting

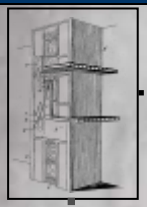


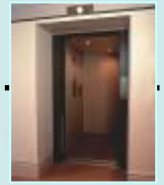




Approved Disconnect Manufacturer:

- Eaton 240v 30A disconnect, model# DG321NGB





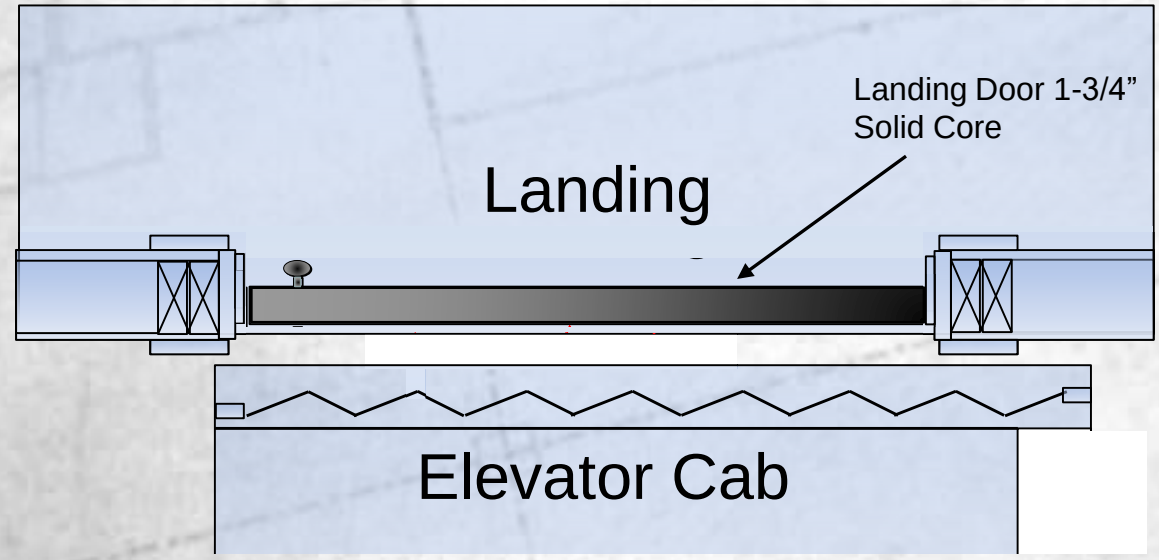




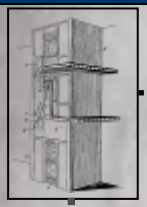


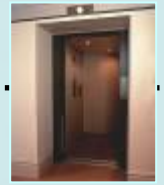


Doors & Landings



- An 1-3/4” *solid* door *is required* as a minimum opposed to a 1-3/8” door.







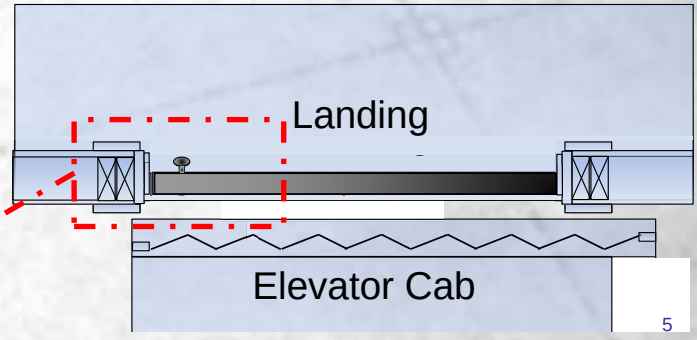


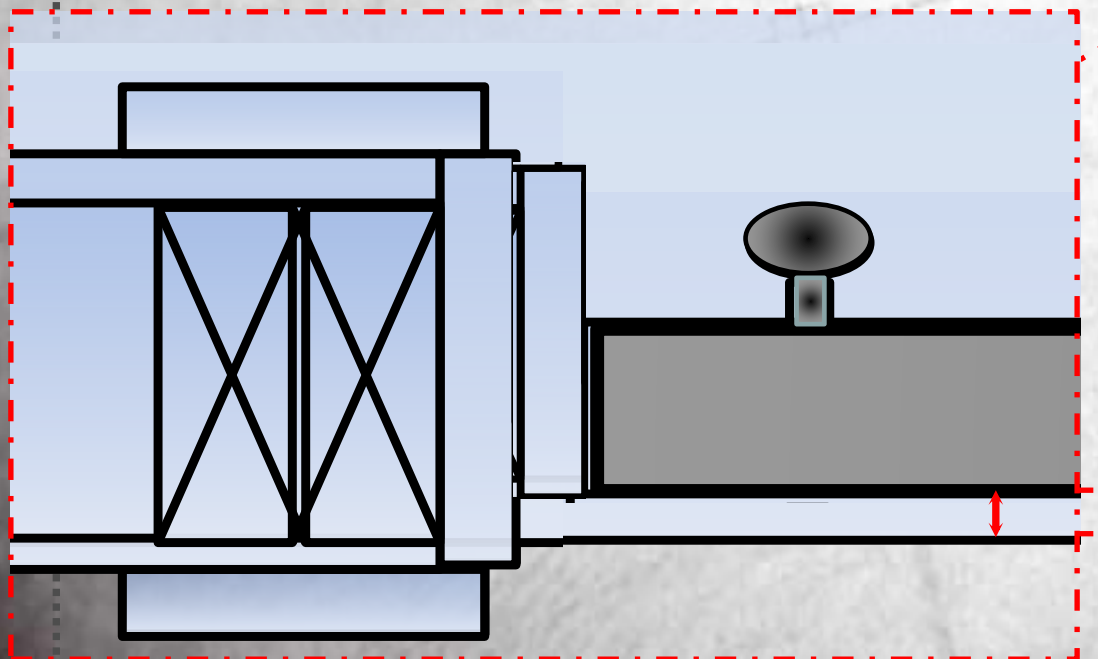




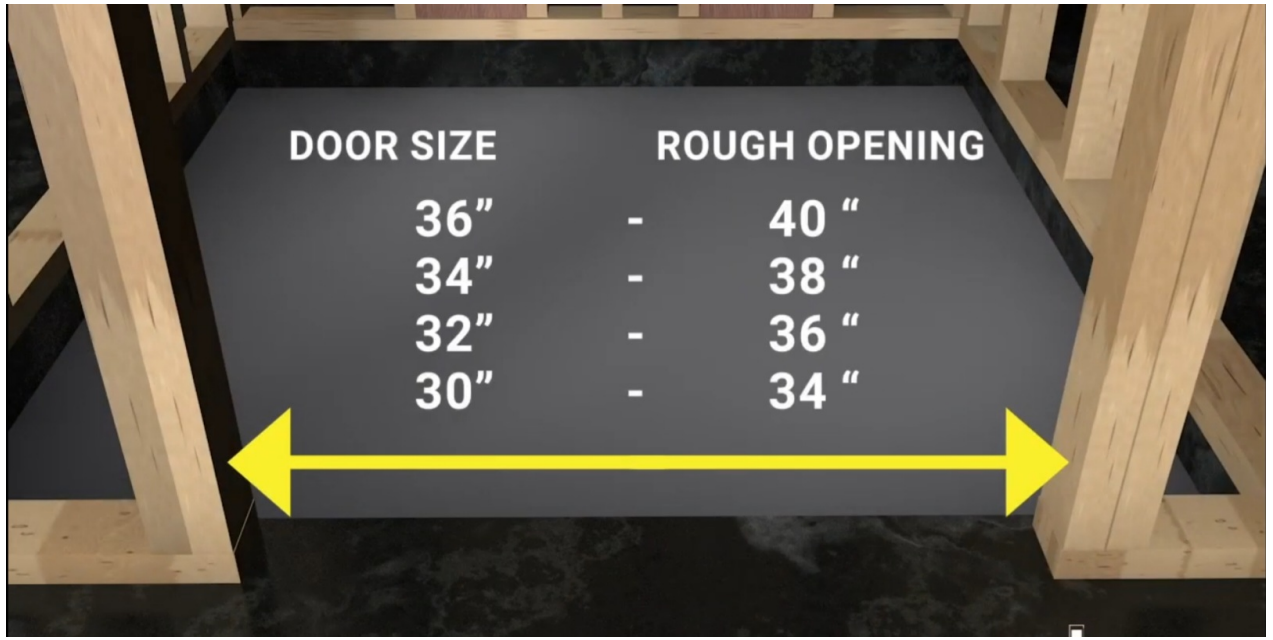
It is required by code that the landing door be hung so that the distance from the backside of the landing door in the closed position to the landing edge does not exceed 3/4”(.75”).

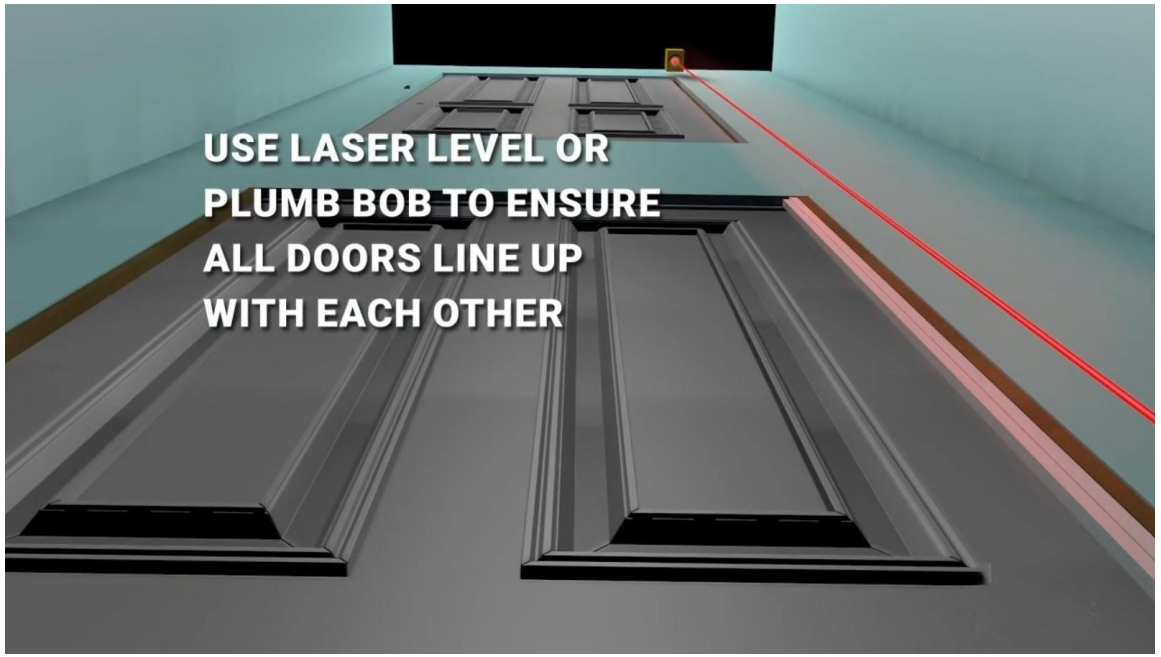
Make sure the floor edges of each landing are plumb prior to hanging doors and that all doors are in line with each other.



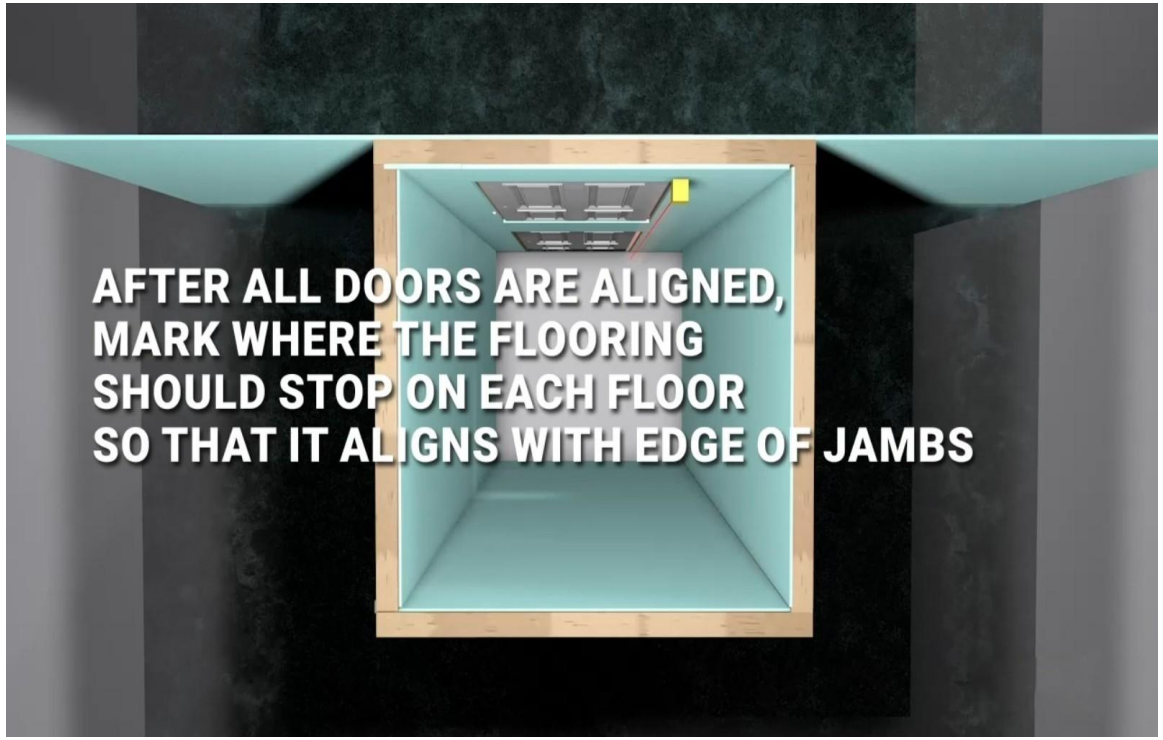


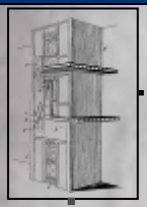
3/4”

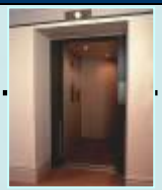

DOOR SIZE
ROUGH OPENING
36” - 40 “
34” - 38 “
32” - 36 “
30” - 34 “


USE LASER LEVEL OR
PLUMB BOB TO ENSURE
ALL DOORS LINE UP
WITH EACH OTHER


JACK STUD
1x5 FLAT JAMB
ELEVATOR JAMB
1x3
3/4"
x
3/4"


AFTER ALL DOORS ARE ALIGNED,
MARK WHERE THE FLOORING
SHOULD STOP ON EACH FLOOR
SO THAT IT ALIGNS WITH EDGE OF JAMBS



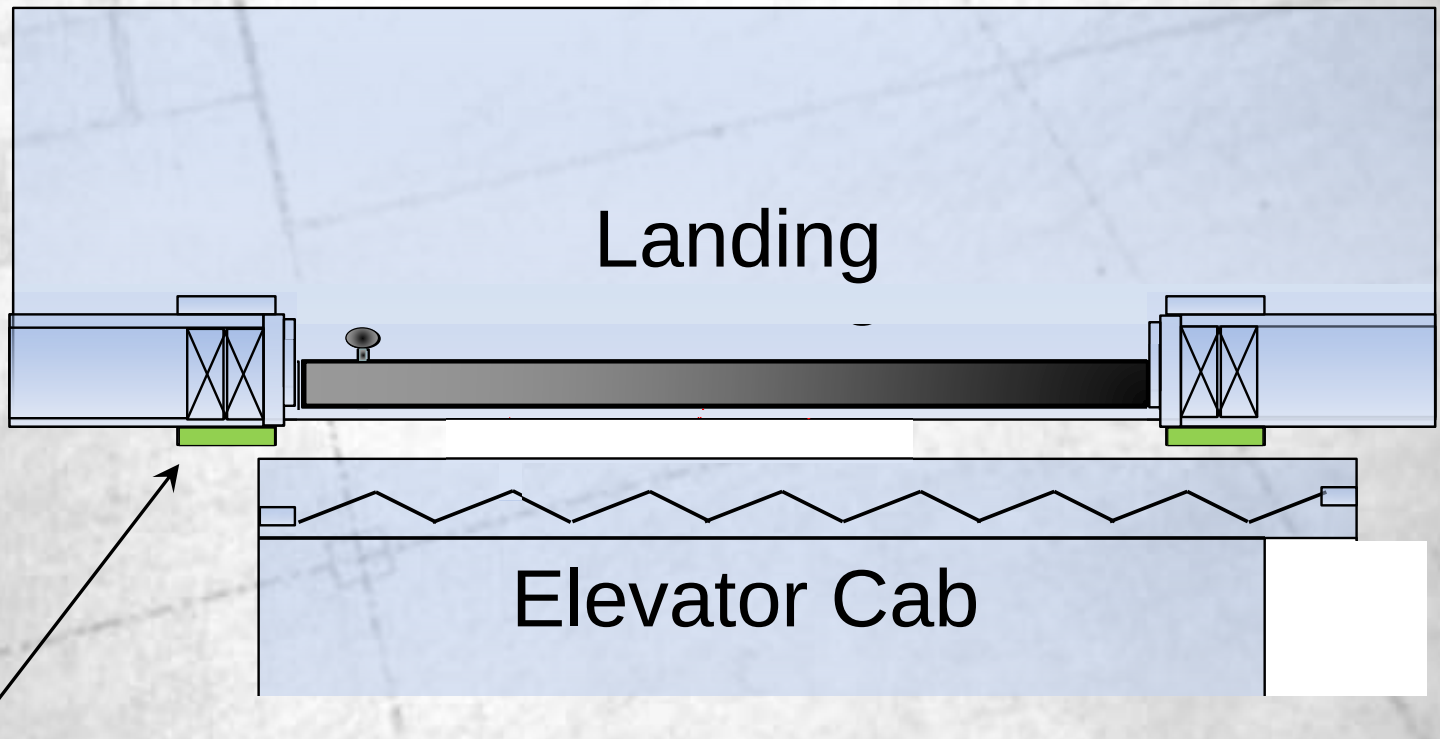






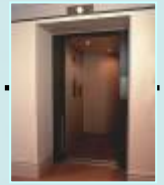






- To trim the interior of the door frame, hold a max. 0.25” (¼”) profile such as lattice or plywood.











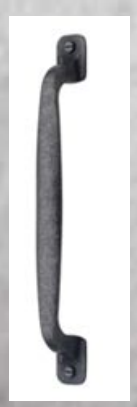
Install a ball catch at the top of the door, a low profile pull on the inside of the door, and a dummy knob on the outside.

Door hardware must hold a 0.75”(3/4”) profile from the face of the door to the edge of the landing floor.









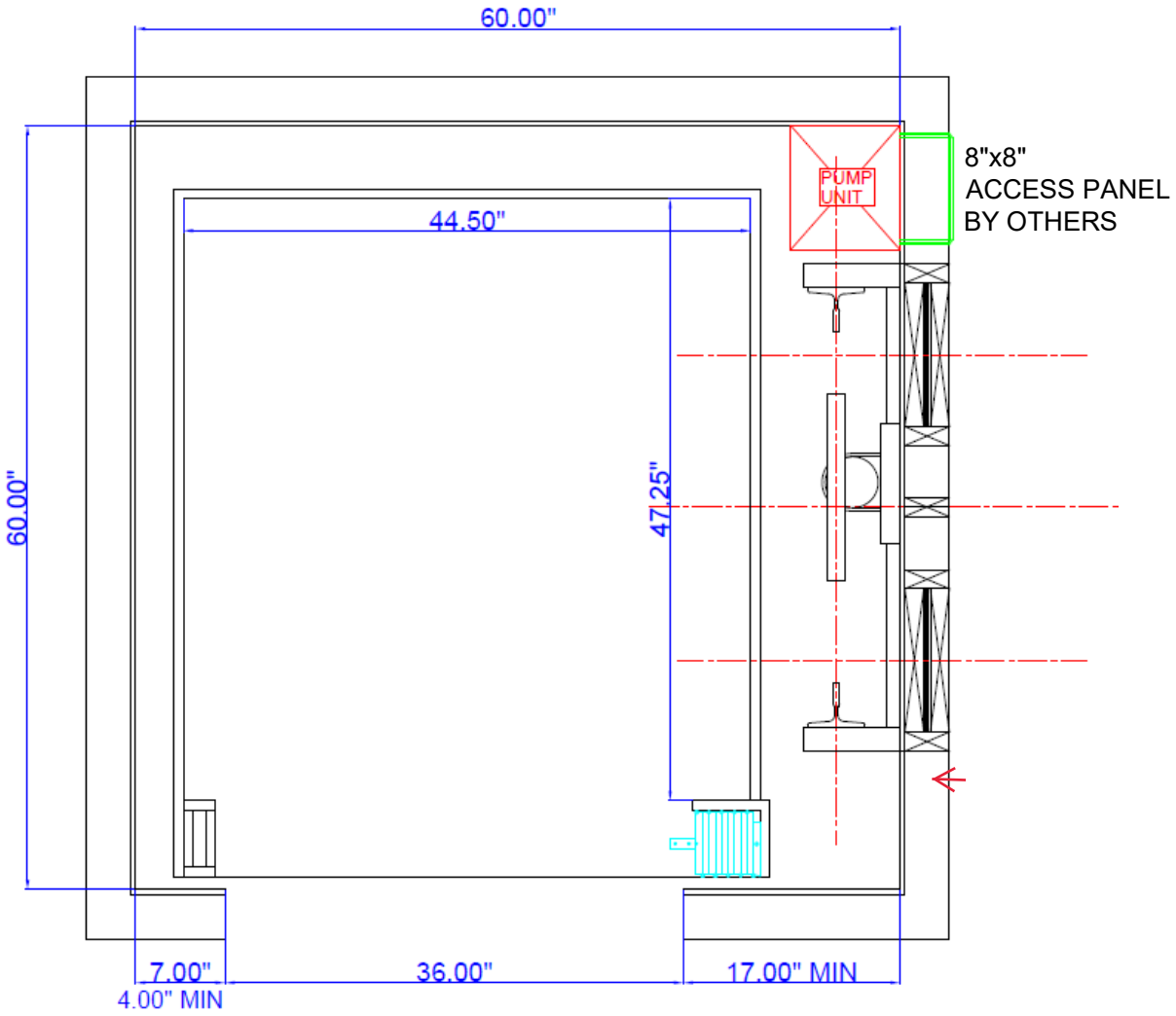






LUXURY
ELEVATORS AND CONSTRUCTION

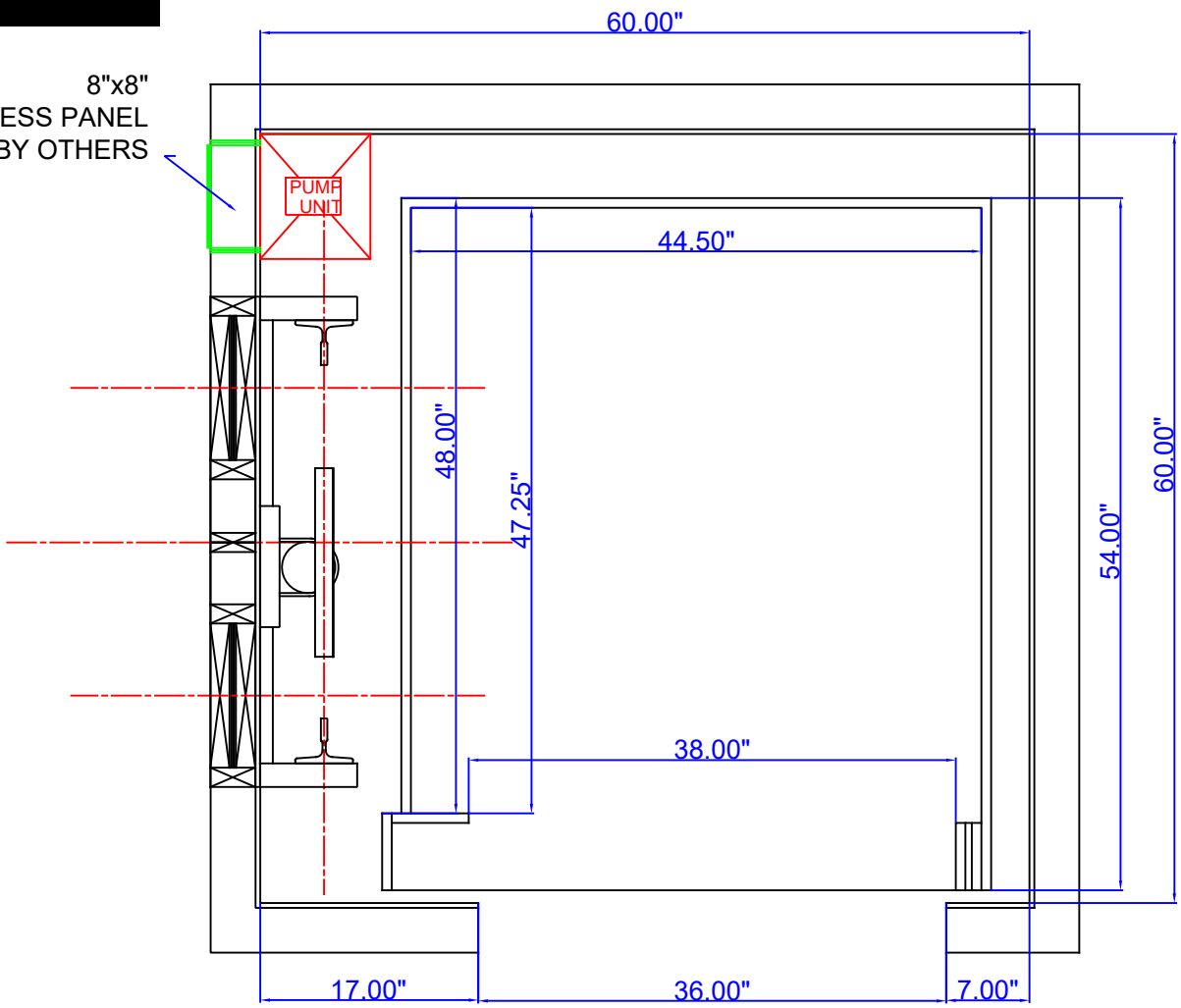
MRL RHR



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LUXURY
ELEVATORS AND CONSTRUCTION

MRL LHR



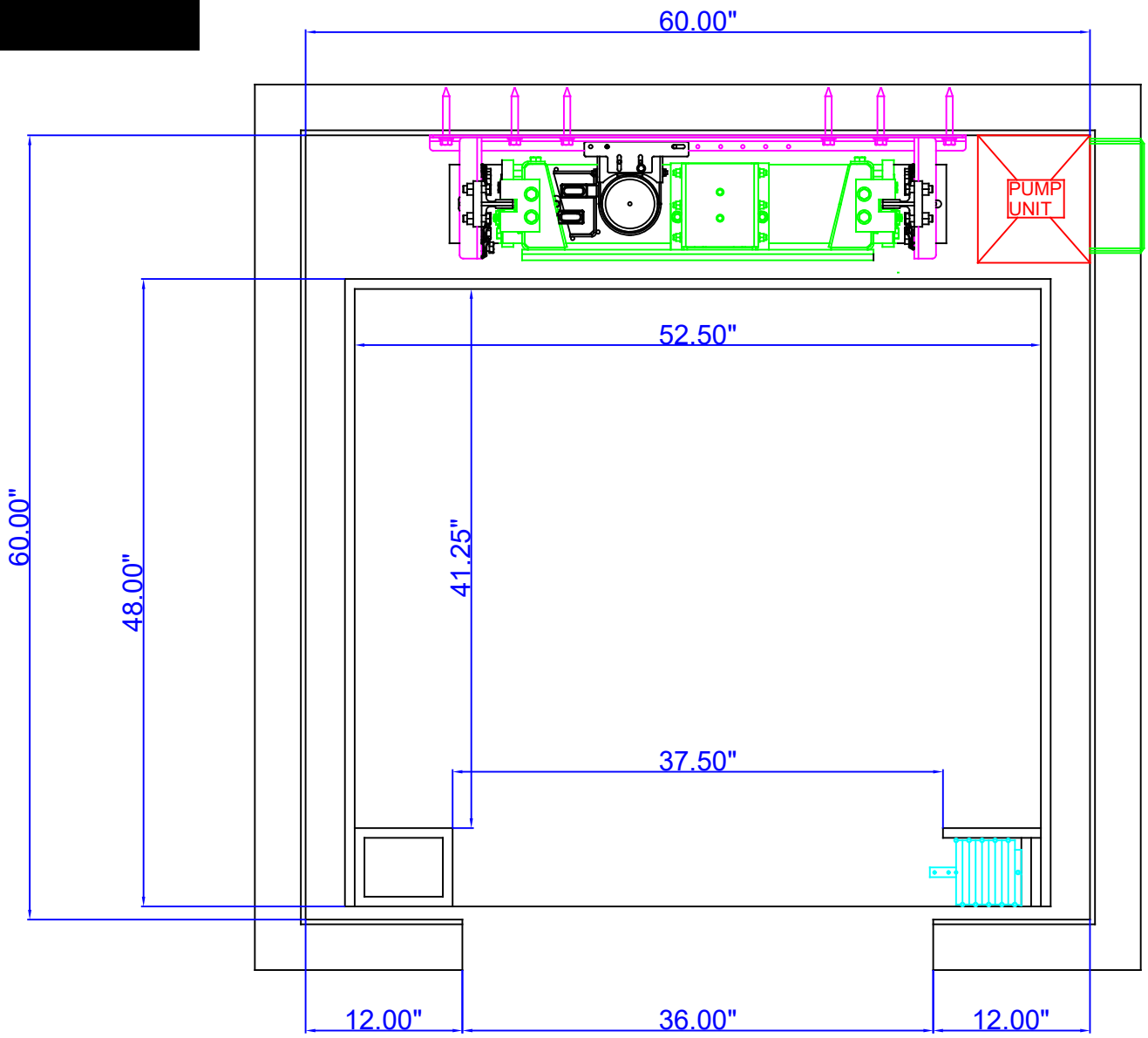
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LUXURY
ELEVATORS AND CONSTRUCTION

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