



*LULA Elevators*

*Limited Use Limited Application*



*Safety In Motion*



## The LULA

*Limited Use Limited Application Elevators were initially designed as a low cost alternative to commercial elevators for small office buildings, schools, churches, libraries, lodges, senior residences, etc.*

*Today, leading Architects and Designers recognize Vertechs LULA as the best option for low rise building projects where full size commercial elevators are too costly, oversized or are not feasible due to building constraints.*

*The Vertechs LULA compact design and low cost, has allowed it to be installed in penthouses, multi level structures, estate homes and condo style buildings.*

*“The shortest distance between floors is the Vertechs LULA”*



### Inside our LULA

Ceiling



Car Panel



Hand Rail



Hall Station



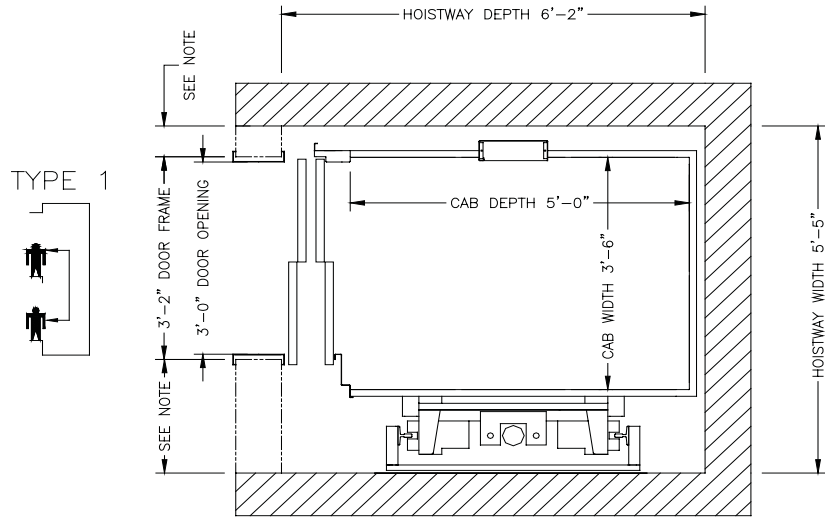
Entrances



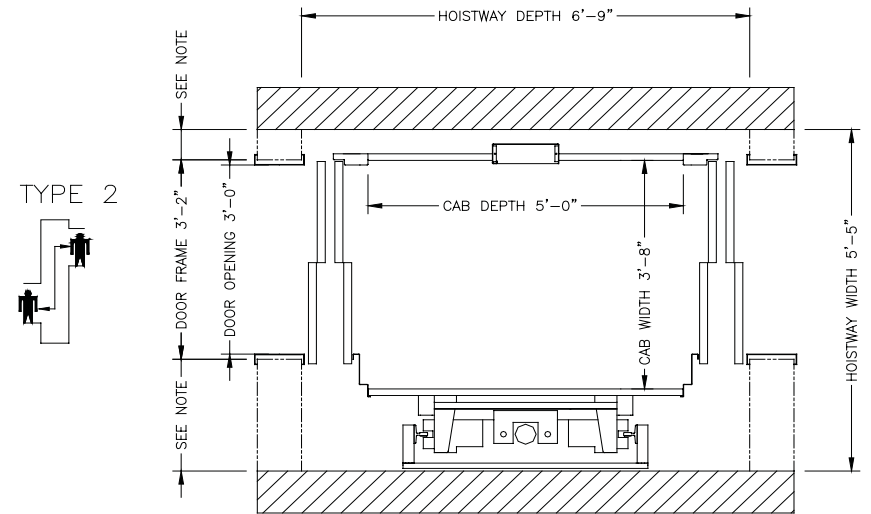


# Vertechs **LULA** Hoistway Drawings

## 42 x 60 In Line

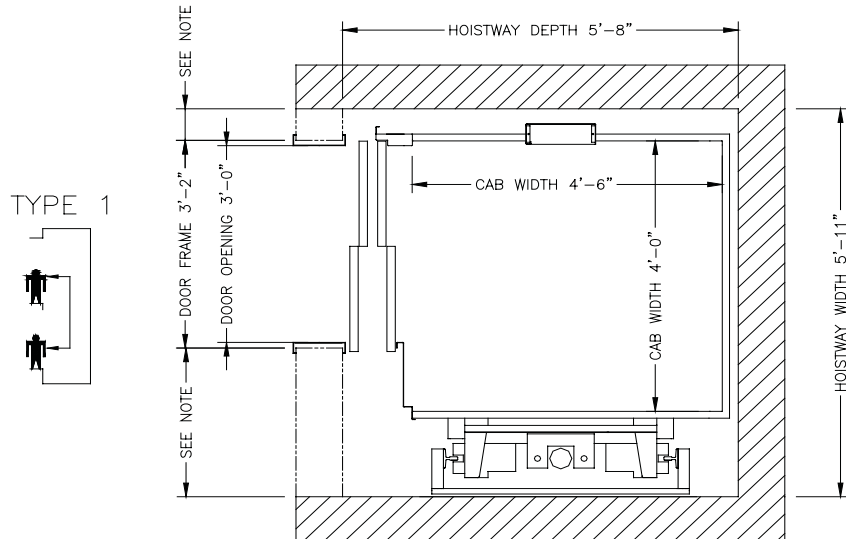


## 42 x 60 Front and Rear Entrance

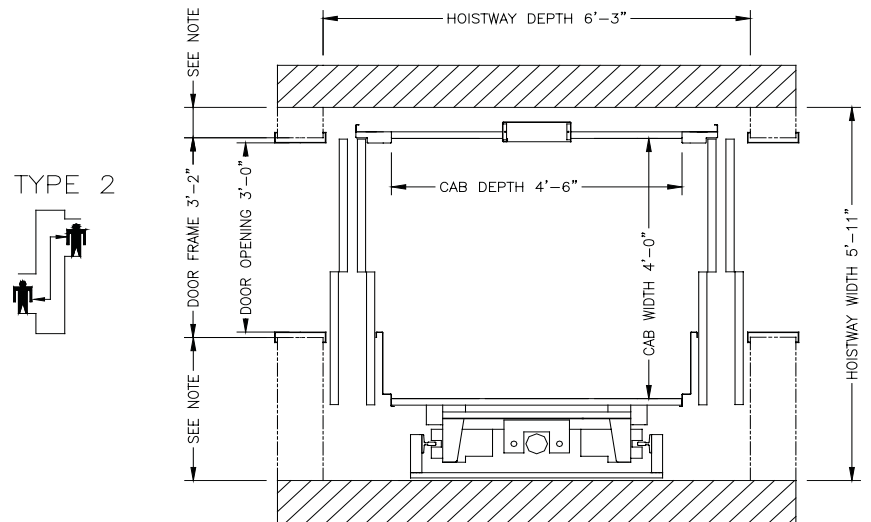


Note: Front wall to be built after elevator entrances are installed

## 48 x 54 In Line



## 48 x 54 Front and Rear Entrance



# LULA Specifications

## General Specifications

- **Drive:** 1:1 direct hydraulic system
- **Capacity:** 1400 lb. (636 kg)
- **Total Gross Load:** 3000 lb. (1360 kg)
- **Speeds:** 30 fpm
- **Pit:** 13 - 36in. (330- 915mm)  
some conditions apply
- **Overhead:** 108in. min. (2744mm)
- **Travel:** 25 ft. max.
- **Stops:** 3 in-line / 4 front and rear

## Cab Clear Inside

- 42" w x 60" d x 84" h
- 48" w x 54" d x 84" h

## Standard Equipment

- **Cab Entrance:** stainless steel brushed finish
- **Cab Doors:** two speed full automatic sliding doors powder coated beige
- **Landing entrance and Doors:** powder coated beige
- **Door Sills:** clear aluminium
- **Floor:** unfinished plywood to be finished on site
- **Handrail:** clear aluminium brushed finish
- **Cab Panels:** fire rated wood with plastic laminate formica
- **Cab Ceiling:** aluminium egg-crate
- **Lighting:** automatic on/off 3 florescent lights
- **Operation:** selective collective
- **Call Stations:** brushed stainless steel with illuminated push buttons
- **Car Operating Panel (C.O.P):** brushed stainless steel with illuminated push buttons, stop switch and emergency light
- **Indicator:** digital floor indicator in car
- **Telephone:** hands-free programmable speaker phone

## Standard Safety Features

- **Power Backup:** battery backup during power failure
- **Emergency lowering:** manual lowering button
- **Emergency stop:** emergency stop switch inside car
- **Automatic Door Interlocks:** CSA/UL approved interlocks preventing landing door opening when car not at the floor
- **Door restrictor:** mechanical-magnetic restrictor preventing cab door opening when car not at the landing
- **Line Rupture Valve (LRV):** flow control safety valve
- **Auto Re-leveling:** anti-creep releveling system
- **Door-bypass detection:** detects bypass of door contacts
- **Micro-Scan Motion Detectors:** full length light curtains- detecting objects in front of doors, causing them to reopen
- **Car top inspection station**

## Mechanical / Hydraulic

- **Guide Rails:** 8lb T-rail pre-welded for smooth ride
- **Car Frame:** direct 701 cantilever
- **Power Unit:** GMV ultima
- **Motor/Pump:** submersible for quiet operation
- **Control Valve:** 2 speed with soft stop.
- **Jack:** GMV mechanically synchronized telescopic

## Controls

- **Elevator Controller:** CSA/TSSA approved micro-controller based system with solid-state devices no mechanical relays
- **Wiring:** plug and play harness with electrical duct

## Power Requirements

- **Main and lighting:** single phase, 220V and 110V

## Options

- **Cab Doors:** stainless steel brushed finish
- **Landing entrance & Doors:** stainless steel brushed finish
- **Hoistway Access:** easy access to hoistway
- **Buffer Springs:** solid bumpers are standard

## Additional Information

- limited two year warranty
- job specific layout drawings
- detailed architectural hoistway construction drawings
- optional maintenance service
- complete pre-tested system
- installation and service provided by local dealer

## Contact Information

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