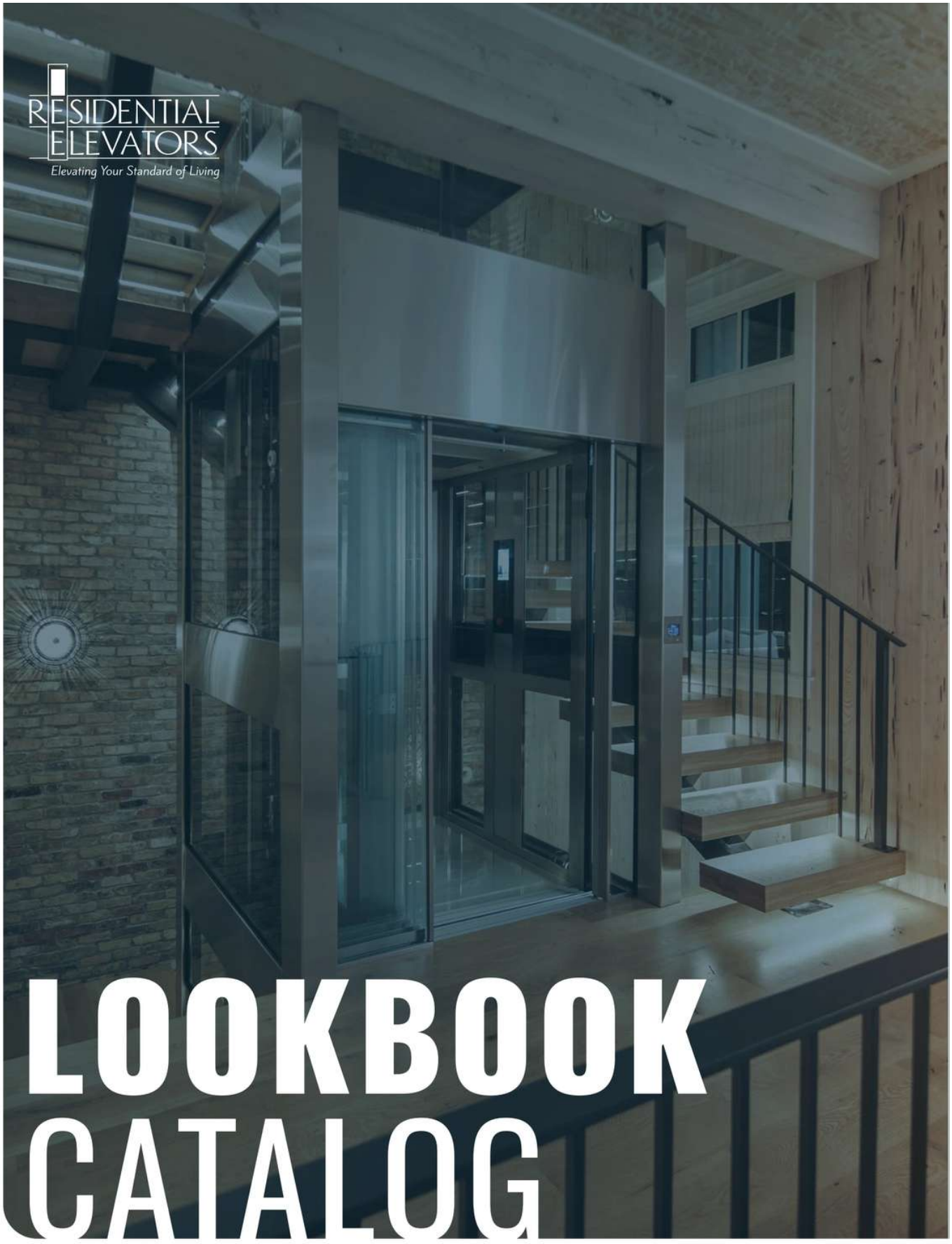

RESIDENTIAL ELEVATORS
Elevating Your Standard of Living
LOOKBOOK
CATALOG

ABOUT **US**



LIFTING A VISION:

THE STORY OF RESIDENTIAL ELEVATORS

Bobby Boeneke had a knack for spotting opportunity. In the mid-1990s, a client and soon-to-be business partner shared a story that sparked an idea: luxury waterfront condos weren't selling until home elevators were installed. Bobby, with his background in banking, finance, and business, saw more than a simple fix; he saw a growing need. He understood the evolving real estate landscape, the rise of urban multi-story homes, and the needs of an aging population seeking to age in place.

In 1996, Bobby and his partner purchased a small home elevator company in North Florida. From that vision, Residential Elevators was born.

They set out with a simple but ambitious goal: to build the best home elevators in the industry. They achieved this by assembling a team of top-tier elevator professionals and craftsmen, and applying the same advanced research and technology used in high-rise commercial systems.

Today, that vision is a thriving reality. With two manufacturing facilities, a nationwide network of sales reps and dedicated dealers, and a team devoted to excellence and service, Residential Elevators has become the nation's leading provider of home elevators. We're trusted by individual homeowners and by developers across the construction industry.

Still family-owned, we remain committed to safety, innovation, and superior quality; with Bobby's enduring mantra, ***"Do the right thing,"*** continuing to guide everything we do.

BRAND **STATEMENT**





ELEVATING THE ART OF HOME DESIGN

CUSTOM-CRAFTED ELEVATORS DESIGNED TO COMPLEMENT THE FINEST HOMES IN AMERICA.

At **Residential Elevators**, we believe a home elevator should be more than just functional—it should be inspiring. Every cab we craft is a statement of timeless design, precision engineering, and personalized detail. Built with premium materials and unmatched craftsmanship, our elevators reflect the individuality of your space—whether you're creating a bold architectural feature or a subtle complement to your interior. From coastal estates to modern farmhouses and urban brownstones, we design elevators that fit beautifully into your world—enhancing both form and function.


CRAFTED FOR THE
WAY YOU LIVE.
Residential Elevators
Hand-Built in the USA


RESIDENTIAL ELEVATORS
1-800-832-2004
CAPACITY
950 lbs
1 2 3
4 5 6
7 8 9
ON OFF 0 #
OFF
2
1
STOP

CONTENTS

2 **ABOUT US**
Bobby Boeneke's vision, legacy, and lasting impact.

3 **BRAND STATEMENT**
Our beliefs and commitment to you.

9 **WOOD CABS**
Descriptions of the various wood cab series we offer that are custom made for each job.

10 **MDF CABS**
Cab styles available in an affordable material without compromising style.

15 **STAINLESS STEEL & VISION GLASS CABS**
Premium cab designs in Stainless Steel, Aluminum, and Glass.

21 **INSIDE THE CAB**
A look at the various options that can be factory-integrated during the manufacturing process into the cabs.

32 **DOOR LOCKS**
Electronic locks to secure the hoistway doors are integral to any home elevator system, and not all locks are created the same.

35 **ELEVATOR GATES**
Not every home is designed the same, and we have a collection of elevator gate designs to allow you to plan for your dream home elevator.

44 **ELEVATOR TYPES**
An inside look at the parts of the elevator that most people never get to see, including the home requirements for each option.

RESIDENTIAL ELEVATORS
Elevating Your Standard of Living

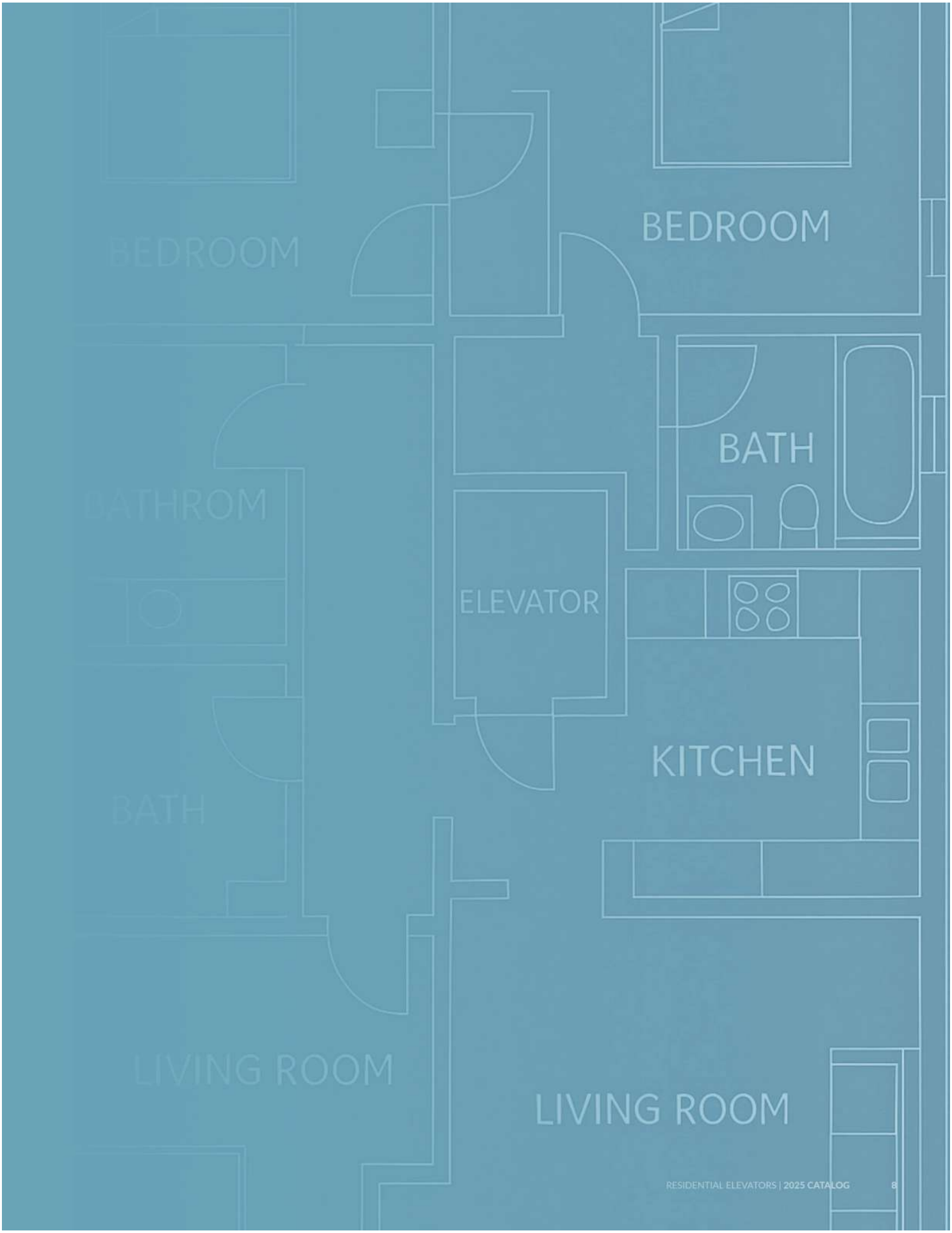
PROVEN QUALITY
INNOVATIVE DESIGN
AMERICAN-MADE

ELEVATOR CAB OPTIONS

Residential Elevators boasts a rich tradition of crafting handmade elevator cabs from a variety of wood species. Today, our team of skilled craftsmen combines this heritage with advanced CNC machinery and computer-aided design to create a diverse range of cab designs in multiple wood species.

In addition to the practical benefits, our Wood Cab series offers an unparalleled aesthetic experience. The natural beauty of wood, with its unique grains and textures, adds a touch of elegance and warmth to any home. Each cab is meticulously crafted to highlight the inherent qualities of the wood, creating a luxurious and inviting space. Whether you prefer the classic appeal of oak, the rich tones of mahogany, or the contemporary look of maple, our diverse selection ensures that you can find the perfect match for your home's interior design.

Moreover, our commitment to quality and craftsmanship means that every Wood Cab is built to last. We use only the finest materials and employ rigorous quality control measures to ensure that each cab meets our high standards. This dedication to excellence not only enhances the durability and functionality of our elevators but also provides peace of mind to homeowners, knowing that they have invested in a product that will stand the test of time.


BEDROOM
BEDROOM
BATH
BATHROM
ELEVATOR
KITCHEN
BATH
LIVING ROOM
LIVING ROOM
RESIDENTIAL ELEVATORS | 2025 CATALOG 8

ELEVATOR CAB OPTIONS

WOOD CABS

WOOD BRINGS A TIMELESS BEAUTY AND ELEGANCE THAT IS HARD TO MATCH.

Our Wood Cabs are compatible with both Traction and Hydro systems, offered in standard heights of 6'8", 7'4", and 8', as well as customizable heights. The width and depth of the cabs can be tailored to fit your specific hoistway dimensions.

For those utilizing The Level (Pitless) system, Wood Cabs are available in heights of 6'8" and 8', with pre-set cab sizes of 10, 12, and 15 square feet.

When selecting a gate or sliding door, please note that certain options are available in specific heights. Detailed information can be found in the 'Availability Quick Reference' at the end of this section and in the 'Gates' section. This ensures that you have all the necessary information to make an informed decision that best suits your needs and preferences.



WOODS

- Maple
- Alder
- Oak
- Cherry
- Walnut
- Sapele
- Rift Cut White Oak

FINISHES

- Unfinished
- Prefinished (Light Clear Coat)
- Client Choice in Stain/Lacquer
- Client Choice in Paint Color
- Painted White
- Primed White

ELEVATOR CAB OPTIONS

MODERN FARMHOUSE

- Hand-crafted look with beautiful, clean lines.
- Offered in Maple, Alder, Oak, Cherry, Sapele, Walnut, and Primed White.
- Add mirror(s), observation panel(s) to any or all walls.
- Available with with all cab ceiling light configurations.



Farmhouse Cab in Walnut with Two Full Observation Panels

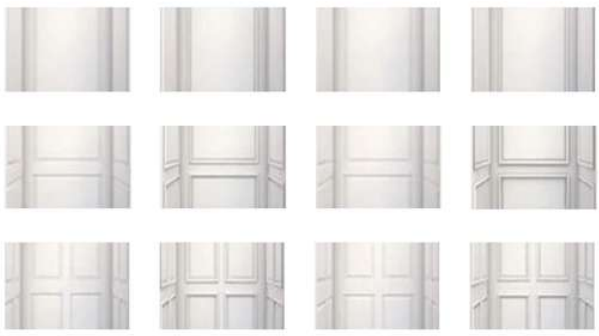






Shown above: Double Arch Panel with Molding and surface mount COP. Double Square Panel with Molding and Half Observation Panel. Cab Ceiling available in Single Square Panel, Single Square Panel with Raised Molding, Four Square Panel, or Four Square Panel with Raised Molding.
**'With Molding' available in Primed Only*

MOLDING OPTIONS



RESERVE

- 12 impressive panel designs to choose from.
- Offered in Primed White, Painted White and Client Choice in Paint Color, depending on panel design. Reserve Cabs with applied (raised) molding only available in Primed White.
- Panels with In-set trim and Arched Panels not available with mirrors or observation panels.
- Up to 4 LED cab ceiling light configuration available with this Cab Series.
- Pictured (center) in Four Arch Panel, Client Choice in Paint, 4 LED's, Brushed Stainless Cylindrical Handrail and Flush-mount COP.
- *Available only in MDF.*

ELEVATOR CAB OPTIONS

SHAKER

The use of Shaker series elevator designs in new custom homes is rising in popularity due to their timeless appeal and functional elegance. Rooted in the principles of simplicity, utility, and craftsmanship, Shaker design features clean lines, minimal ornamentation, and a focus on practicality.

Shaker design principles are applied throughout new custom homes to create cohesive and harmonious living spaces. Extending these designs into the elevator cab allows architects and designers to offer seamless integration, enabling the elevator to be a truly functional and appealing space within the home. The emphasis on symmetry and balance in Shaker architecture ensures that each room, including the elevator, feels well-proportioned and inviting. This blend of old and new allows homeowners to enjoy the timeless charm of Shaker design with the conveniences of modern living.

Available only in MDF.







WHITE SHAKER SERIES HOME ELEVATOR WITH **STAINLESS INTEGRATED CAR OPERATING PANEL**

A timeless blend of elegance and functionality, the White Shaker Series features clean, crisp lines with classic shaker-style panels in a bright white finish. The integrated stainless steel car operating panel adds a sleek, modern touch while offering durability and ease of use. Ideal for homeowners seeking a sophisticated, transitional design that complements both traditional and contemporary interiors.

ELEVATOR CAB OPTIONS

SIGNATURE

- Upscale look with beautiful eye-catching picture frame molding.
- Offered in Prefinished or Unfinished Maple, Alder, Oak, Cherry, Walnut, Sapele, and Primed White.
- Add mirror(s), observation panel(s) to any or all walls.
- Available with all cab ceiling light configurations.

Pictured (right) in Prefinished Maple, ½ wall OB Panel, 4 LED's with Black Cylindrical Handrail and Black Flush-mount COP.



VINTAGE

- Elegant and stately, definitely a classic.
- Available in Maple, Alder, Oak, Cherry, Sapele, Walnut, and Primed White.
- Add mirror(s), observation panel(s) to any or all walls.
- Only 4 LED cab ceiling light configuration available with this Cab Series.
- **Routed Molding:** this design features four-quadrant molding for that perfect Colonial feel.

Pictured (right) in Prefinished Walnut, 4 LED's with Brushed Bronze Cylindrical Handrail and Brushed Bronze Flush-mount COP.



ELEVATOR CAB OPTIONS

ESTATE

- Timeless style with striking detail.
- Offered in Maple, Alder, Oak, Cherry, Sapele, Walnut, and Primed White.
- Add mirror(s), observation panel(s) to any or all walls.
- Only 4 LED cab ceiling light configuration available with this Cab Series.
- **Applied Molding:** this design features four-quadrant molding for a touch of elegance.

Pictured (right) in Pre-finished Cherry, with 4 LED's, Brushed Bronze (Gold) Flat Handrail and Brushed Bronze (Gold) Touchscreen COP.



CLASSIC

- Simple cab with no frills. Comes in all wood types, finishes, and laminates.
- Add mirror(s), observation panel(s) to any or all walls. Mirror frames are Shaker or Farmhouse (flat), or Signature or Vintage (rounded) moudling.
- Available with all cab ceiling light configurations.

Pictured (right) in Primed White, Single LED with Brushed Stainless Flat Handrail and Surface-mount Brushed Stainless COP.



ELEVATOR **CAB OPTIONS**

STAINLESS & VISION GLASS CABS

MODERN AND SLEEK **APPEARANCE** **SIMILAR TO** COMMERCIAL DESIGNS.

Stainless steel and glass have become quintessential elements in modern custom homes, embodying the sleek, minimalist aesthetic that defines contemporary design. Stainless steel, with its clean lines and reflective surface, adds a touch of sophistication and durability to various home features. From kitchen appliances and countertops to stair railings and elevators, stainless steel offers a timeless appeal that is both functional and visually striking.

Glass, on the other hand, brings an element of openness and light to modern homes. Large glass panels create seamless transitions between indoor and outdoor spaces, allowing natural light to flood the interiors and enhance the sense of spaciousness. The transparency of glass not only maximizes views but also contributes to an airy, uncluttered feel that may help some feel less claustrophobic.

Stainless steel cabs with full observation panels or Vision glass cabs with brushed aluminum silver or graphite black can elevate a home elevator from a nice feature to a central focal point of the entire home.

Can be ordered in flat wall or with raised wood or stainless panels – over 12 configurations to choose from.

- Stainless colors include Silver, Rose Gold, and Black.
- Wood panels offered in Walnut, Rift Cut White Oak, Maple, Alder, Oak, Cherry, and Sapele.
- Manufactured in 6'8", 7'4", 8' and custom cab heights.



Available with the following gate options:

- Cab height 6'8" – EON Stainless, EON Beige, EON Glass with Stainless Frame, Vision Auto-Glide, Millennium Gate, The Curve, Accordion, and Century Scissor gates.
- Cab height 7'4" – Millennium Gate, The Curve, Accordion, and Century Scissor gates.
- Cab height 8' – EON Stainless, EON Beige, Millennium Gate, The Curve, Accordion, and Century Scissor gates.
- Custom Cab height – Accordion.
- Add mirror(s), observation panel(s) to any or all walls.
- Only 4 LED cab light configuration available.



VISION SERIES HOME ELEVATOR WITH **TOUCHSCREEN CAR OPERATING PANEL**

The Vision Series redefines modern luxury with its glass cab design, offering a sleek, open feel and unobstructed views between floors. Featuring a state-of-the-art touchscreen car operating panel seamlessly integrated into stainless steel trim, this elevator delivers both visual elegance and intuitive control—perfect for homeowners seeking innovation without compromising on style.

ELEVATOR CAB OPTIONS



Stainess Steel Cab with Glass Touschscreen COP and Rift Cut White Oak



Stainless Steel Cab with Full Rear Observation Panel



Vision Glass Cab in Silver Aluminum

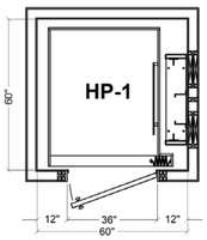


Vision Glass Cab with Glass Touchscreen COP

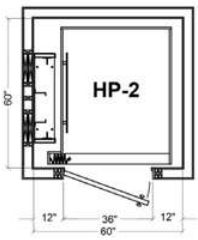
CAB CONFIGURATIONS

SINGLE OPENING

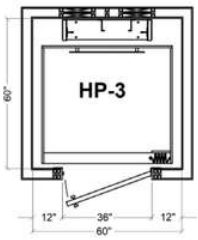
- An 'In-line' cab in our vernacular.
- Custom sizes for Traction and Hydro; Pitless sizes are pre-set at 10, 12, and 15 sq ft
- *Hydro and Traction LH or RH rail placement will yield maximum cab size for the room you have.



HP-1: Right-hand rail placement



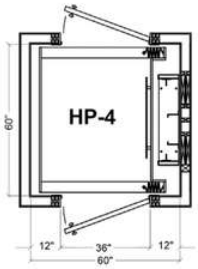
HP-2: Left-hand rail placement



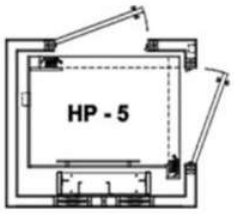
HP-3: Rear rail placement
(not available with Pitless)

DOUBLE OPENING

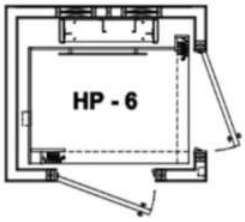
- 'Pass-through': a cab with openings on opposite sides
- 'Adjacent': a cab with openings which meet at a corner
- Custom sizes for Traction and Hydro; Pitless sizes are pre-set at 10, 12, and 15 sq ft
- With a double opening Cab, establishing rail placement (RH, LH or Rear) is determined by where the rails are in relation to the first floor opening.



HP-4: Pass-through



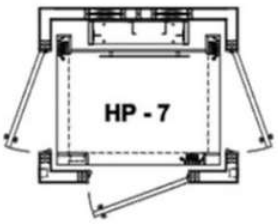
HP-5: Adjacent Left Hand Rail



HP-6: Adjacent Rear Rail

TRIPLE OPENING

- Custom sizes for Traction and Hydraulic—Not offered for Pitless
- Contact us for help in determining front opening if needed.



HP-7: Three Opening Rear Rail

HELPFUL DRAWINGS & SPECS CAN BE FOUND AT

residentialelevators.com/drawings-specifications

Also at this link is information on: 3/4x4 Rule, Pre-Installation Checklists for Traction and Hydraulic, Blocking and Framing Requirements, Electrical Requirements, Equipment Access Placement, Hydro Machine Room Set-up, and StrikeLock® and Standard Interlock Prep.

ELEVATOR **CAB OPTIONS**

SPECIAL CABS & GATES

Although most of our elevators can be customized depending on your preferences or specific needs, some products have specific requirements based on height or configuration availability.

**The blue checkmark indicates the Product IS available with that height and/or configuration.*

	6'8" CAB	8' CAB	7'4" CAB	CUSTOM HEIGHT CAB	IN-LINE	PASS-THROUGH	ADJACENT OPENINGS	3 OPENINGS
THE LEVEL (PITLESS)	✓	✓			✓	✓		
STAINLESS CAB	✓	✓	✓	✓	✓	✓	✓	✓
THE VISION GLASS CAB	✓	✓	✓		✓	✓	✓	✓
EON STAINLESS & BEIGE	✓	✓			✓			
THE VISION AUTO-GLIDE GATE	✓					✓	✓	
THE CURVE GATE	✓	✓	✓		✓	✓	✓	

ELEVATOR CAB OPTIONS

NOTES

THE LEVEL: Not available in Rear-mount rail configuration, only available in Left or Right side. Offered in Wood Cab heights of 6'8" and 8', pre-set sizes of 15', 12' and 10'. Gates ALWAYS stack to the rail side. Accordion, Century, and Millennium gates only.

THE STAINLESS: If paired with the EON 2-Speed Door in Stainless or Beige – the only configuration offered is the In-Line cab at 6'8" and 8' height, and a 64"W x 60"D hoistway is required. If paired with the EON 2-Speed Door in Stainless frame with Glass – the only configuration offered is the In-Line cab at 6'8" with a 64"W x 60"D hoistway.

VISION GLASS CAB: A 60"W x 60"D hoistway is recommended for the 15 sq ft cab. 8" pit is required and 10" pit is recommended. Adjacent and 3-Opening offered with Accordion and Century Scissor gates only.

EON GLASS: with Stainless Frame: Available in 6'8" height; In-line Cab configuration only. 18" stack-side return required. Minimum 106" OH required and 10" pit.

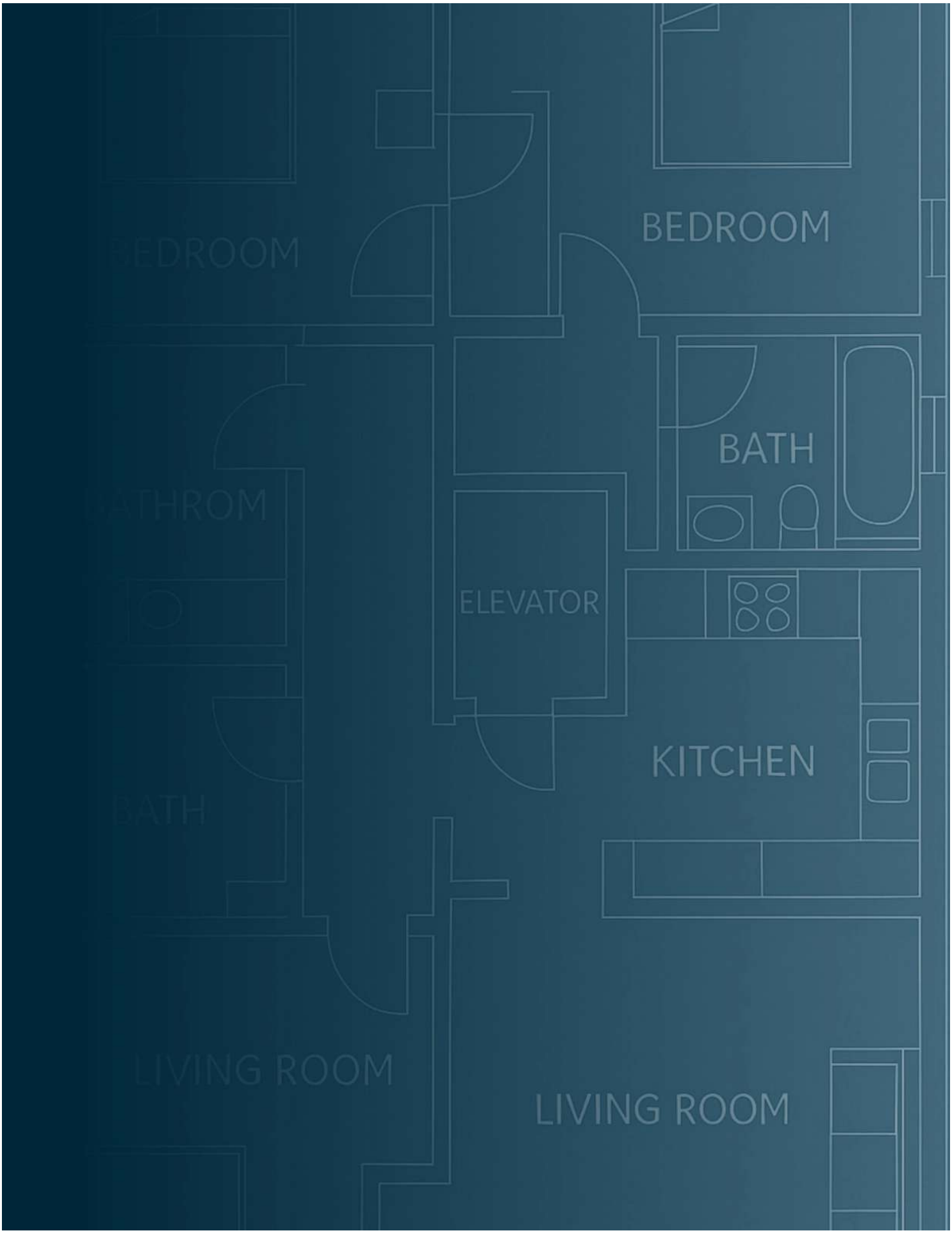
VISION AUTO-GLIDE: A hoistway door width of 36" is required, along with an 18" stack-side return on In-Line and Pass-though cabs. A 10" pit is required.

THE CURVE: For LH and RH rails, Wood Cabs require an 18.5" stack-side return and 8.75" non-railside return; Stainless Cabs require a 20" stack-side return and 10" non-railside return. For Rear mount rails, a 14" return stackside return is required with 10" on the other side. Gates must meet/close at common corner for Adjacent configuration.

INSIDE THE CAB

OPTIONS TO CONSIDER FOR CUSTOMIZING THE INSIDE OF YOUR ELEVATOR CAB:

- Handrails
- Observation Panels (OB Panels)
- Mirrors
- Cab Lights


BEDROOM
BEDROOM
BATH
ELEVATOR
KITCHEN
LIVING ROOM
LIVING ROOM

INSIDE THE CAB

HARDWOOD HANDRAILS

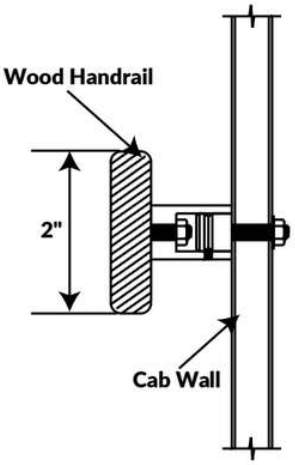
Maple
Oak
Alder*
Cherry*
Sapele*
Walnut*



Maple Hardwood Handrail

Handrails up to 36" in length

*Indicates Upgrade Option



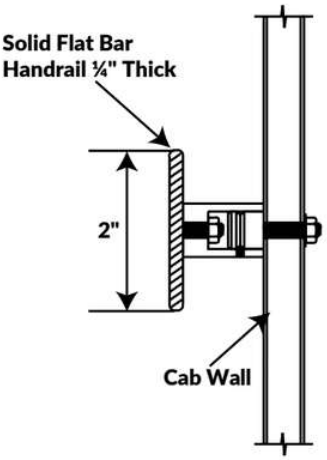
METAL HANDRAILS

¼" SOLID FLAT BAR

Brushed Stainless Steel #4
Mirrored Stainless Steel #8
Black
Brushed Bronze #8



Black Flat Handrail

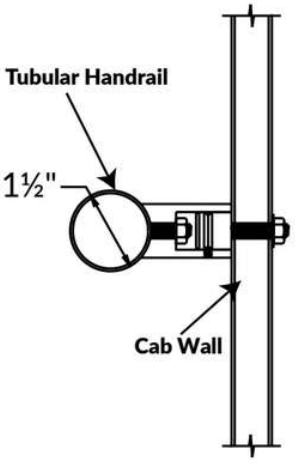


1½" TUBULAR BAR

Brushed Stainless Steel #4
Mirrored Stainless Steel #8
Black
Brushed Bronze #8



Stainless Steel #4 Tubular Handrail



INSIDE THE CAB

GLASS OBSERVATION PANELS

Adding a glass observation panel to your home elevator provides a number of benefits to occupants riding the elevator and to the homeowner, including:

- Providing a scenic and enjoyable view of your home or the outdoors to passengers in the elevator
- Relieving claustrophobia in many people who are uncomfortable in a confined space by providing outside reference points to watch while they are riding the elevator
- Allowing external illumination, either from inside the home or from the outdoors, to brighten up the interior of the elevator





Lower right, Stainless Steel Cab with Rear Full Observation Panel

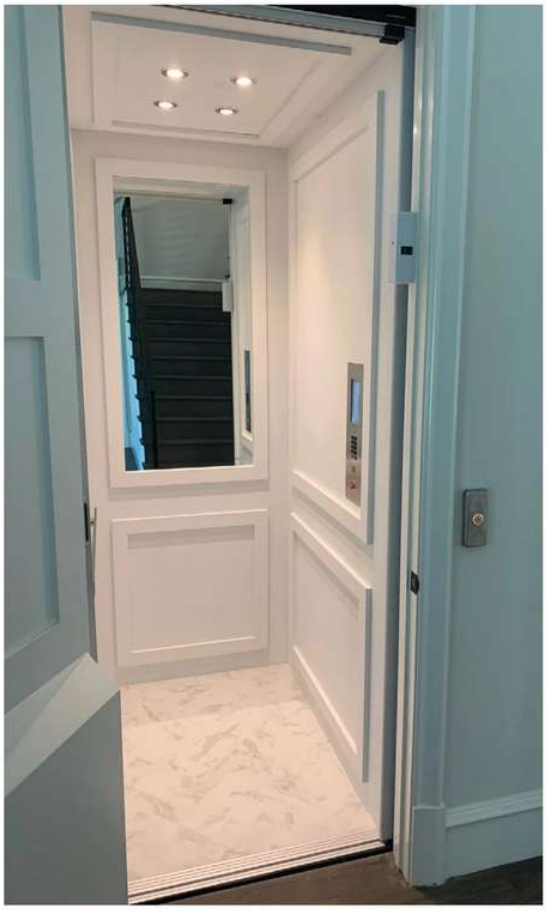
INSIDE
THE CAB

MIRRORS

Adding a mirror to your home elevator offers many benefits, including:

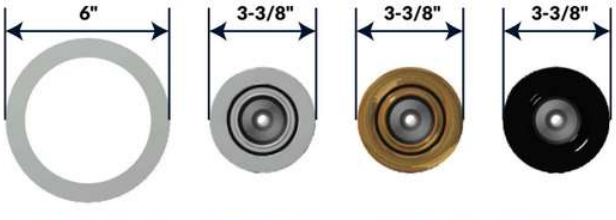
- Providing additional visibility when maneuvering in or out of the elevator cab
- Relieving claustrophobia by giving the illusion that the elevator is larger than it actually is
- Brightening up the interior by reflecting the ceiling lights around the cab

Whether you are considering adding a Mirror or Glass Observation Panel to your elevator, doing this during the manufacturing process ensures compliance with national safety standards to make your home elevator as safe as possible.



CAB LIGHTING

Cab lighting includes choice of color and one Standard LED with two, or four LEDs as upgrade options*.



LED Standard LED Silver LED Gold* LED Black



Wooden cab with Four LEDs

INSIDE THE CAB

CAR OPERATING PANELS (COP)

CUSTOMIZE THE LOOK AND FEEL OF YOUR ELEVATOR BY SELECTING THE STYLE AND COLOR OF YOUR ELEVATOR FIXTURES

Car Operating Panels (COPs) serve as the primary interface within your home elevator, allowing you to control its movement to various floors. These panels are available in a range of styles and finishes, including our latest innovation: a glass touchscreen option. This modern feature not only enhances the aesthetic appeal but also offers user customization capabilities, enabling you to personalize the interface to suit your home's decor.

Our COPs come in both flush mount and surface mount designs, providing a familiar and intuitive experience for elevator car control. You can choose from a variety of finish options to match your interior design preferences, ensuring that the COP seamlessly integrates with your home's overall look and feel.



Digital Glass Touchscreen COP in Stainless Cab

UPGRADE—DIGITAL TOUCHSCREEN CAR OPERATING PANEL

- All Features of Standard
- User-programmable Access Code to Secure Any Floor
- Overhead Light and Door Lock Timing Adjustments
- Customizable Floor Naming for Top and Bottom stops
- Run/Stop Switch
- Adjustable Screen Background
- Easily-readable Alerts and Alarm Codes
- Available in Black Glass



INSIDE THE CAB

UPGRADE— FLUSH MOUNT CAR OPERATING PANEL

- Integrated phone
- On/off Overhead Light Switch
- Up to 6 Floors
- Pushbutton alarm
- Run/Stop switch
- Emergency light
- Available in Brushed Stainless Steel #4, Mirrored Stainless Steel #8, Black, and Brushed Bronze #4



Pictured, **Flushmount COP in Brushed Bronze #4**

FIXTURE FINISHES

INSIDE THE CAB

STANDARD— SURFACE MOUNT CAR OPERATING PANEL

- Integrated Phone
- On/off Overhead Light Switch
- Up to 6 Floors
- Pushbutton Alarm
- Run/Stop Switch
- Emergency Light
- Available in All 5 Finishes



Pictured, Surface Mount COP with Key in Brushed Stainless Steel #4


Brushed Stainless Steel #4


Brushed Bronze #4


Black


Mirrored Stainless Steel #8


Mirrored Bronze #8

INSIDE THE CAB

STANDARD—
SURFACE-MOUNTED CALL STATIONS

- Available as Pushbutton or Keyed or Both
- Ring is Illuminated When Elevator Arrives At Floor
- Weather-resistant Keyed Options
- Available in All Finishes

UPGRADE—
FLUSH-MOUNTED CALL STATIONS

- Available as Pushbutton or Keyed
- Ring is Illuminated When Elevator Arrives At Floor
- Available in Brushed Stainless Steel #4, Mirrored Stainless Steel #8, Black, and Brushed Bronze #4

UPGRADE—
DIGITAL TOUCHSCREEN CALL STATIONS

- Indicates Floor Elevator is Currently Located At
- Alerts for Open Doors or Gates on Other Floors Are Indicated
- Available in Brushed Stainless Steel #4, Mirrored Stainless Steel #8, Black, and Brushed Bronze #4

INSIDE THE CAB



Standard Surface Mount Hall Station in Brushed Stainless Steel #4 and Keyed Surface Mount Hall Station in Brushed Bronze #4



Flush Mount Hall Station in Brushed Stainless Steel #4



Flush Mount Hall Station in Black



Flush Mount Hall Station in Brushed Bronze #4



Touch Screen Hall Station with Brushed Stainless Steel #4

INSIDE THE CAB

HOME ELEVATOR ¾"X4" RULE

WHY DOES THIS MATTER TO YOU?

The Home Elevator ¾"x4" Rule was developed by the ASME in 2016 to provide guidance on the safest manner to design and install an elevator in a private residential home. This rule has already been enacted into the state building codes of many states and is referenced in current and proposed state laws. These laws carry both business and individual criminal and civil offenses that can result in incarceration if convicted. This rule:

- Provides the safest manner to install a home elevator and prevents potential entrapments of children between elevator gates and hoistway doors in a home that can lead to death or serious injury.
- Is approved in the RBC 2025 Edition that all states will adopt into their state building codes in the near future.
- Is measured and tested in areas that require residential elevator inspections. The number of required inspected areas for home elevators around the country continues to increase each year and is expected to be mandatory for all homes in the future.
- Is the right thing to do!



ASME 5.3.1.7.2 of the above referenced code defines Clearance Between Hoistway Doors or Gates and Landing Sills and Car Doors or Gates.

DETAILS ON RULE

Residential Elevators manufactures and installs a fully code-compliant elevator per the 2016 ASME ANSI A17.1 National Safety Code for Elevators–Section 5.3 Private Residence Elevators.

- An out-of-plumb shaft will greatly affect running clearances and exacerbate the Code Compliance Issues. Hoistway doors must be plumb to each other from floor to floor.
- Concrete block/masonry shafts and some commercial metal door frames can create Rule violations.
- The General Contractor or home builder is responsible for aligning doors within compliance.

CLICK HERE TO READ MORE ABOUT CUSTOM JAMBS

INSIDE THE CAB

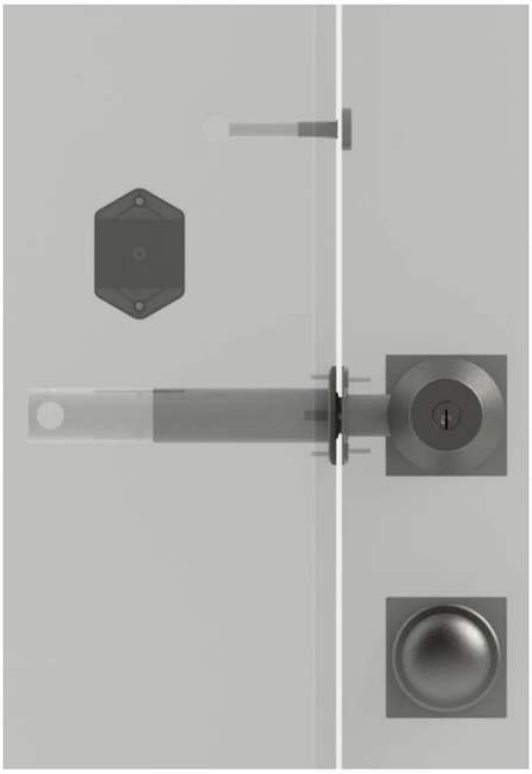
HOISTWAY DOOR LOCKS

STRIKE LOCK™

SELECTING BETWEEN THE INNOVATIVE STRIKELOCK® OR THE STANDARD INTERLOCK GIVES YOU OPTIONS

Safety is the top priority and responsibility for any home elevator company. Our team of engineers and installers is deeply committed to this principle, constantly seeking ways to enhance the safety of every elevator we design.

The latest breakthrough in the industry is the new Residential Elevators StrikeLock®. This innovative lock not only preserves the aesthetic appeal and integrity of your home's doors but also ensures the hoistway doors remain securely locked while the elevator is in motion.





CLICK HERE TO READ MORE ABOUT STRIKELOCK®

The Residential Elevators StrikeLock® is an innovative industry game changer for the home elevator industry.

Pictured lower right, StrikeLock® installed in door jamb

INSIDE THE CAB

STANDARD INTERLOCK

- We manufacture a standard interlock design, which is a commonly used style across the industry.
- Interlock covers come in white or brown and keeper face plates come in white or Brushed Stainless.
- The Interlock is mounted on the door jamb (pictured below, left) and the door must be notched to accommodate the keeper and face plate (pictured below, right); this allows the door to close, leaving the smallest space possible between the door and elevator gate for compliance with the '3/4 x 4' Rule.

CLICK HERE TO READ MORE ABOUT STANDARD INTERLOCK



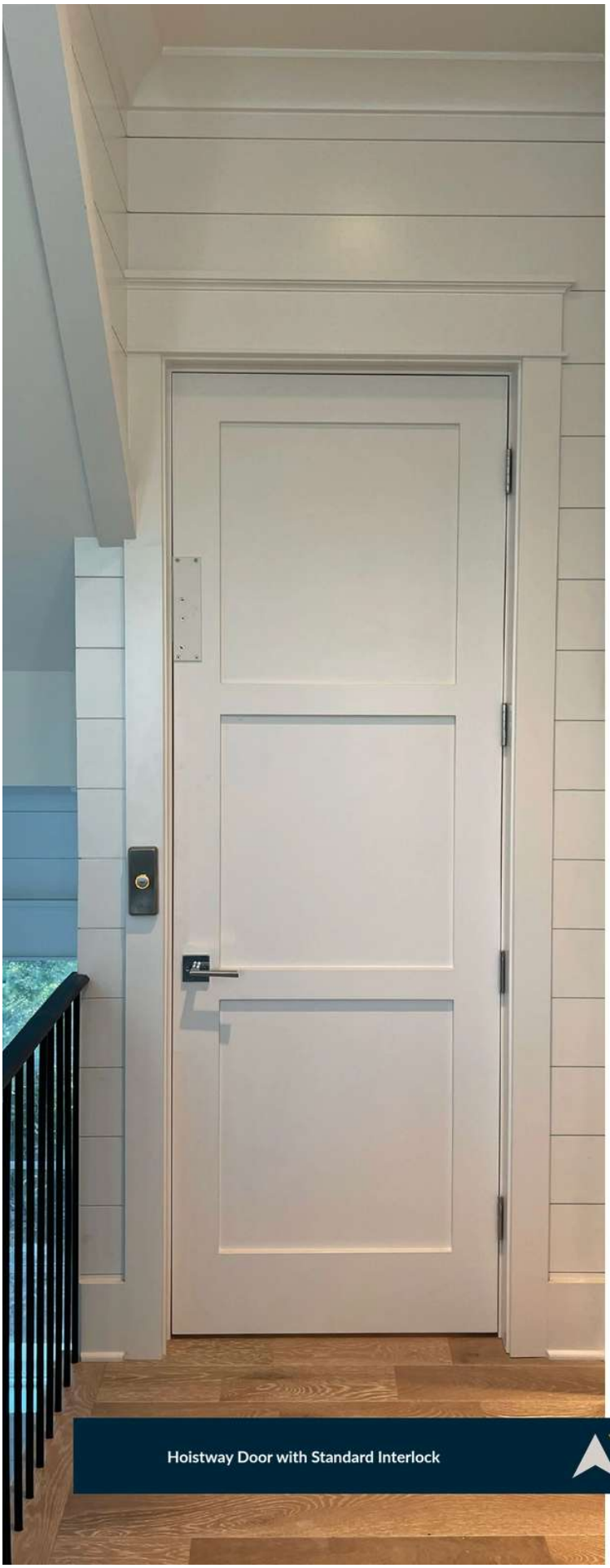
Standard Interlock Installed on Hoistway Door



Door Notch with Standard Interlock



Standard Interlock with White Cover



Hoistway Door with Standard Interlock



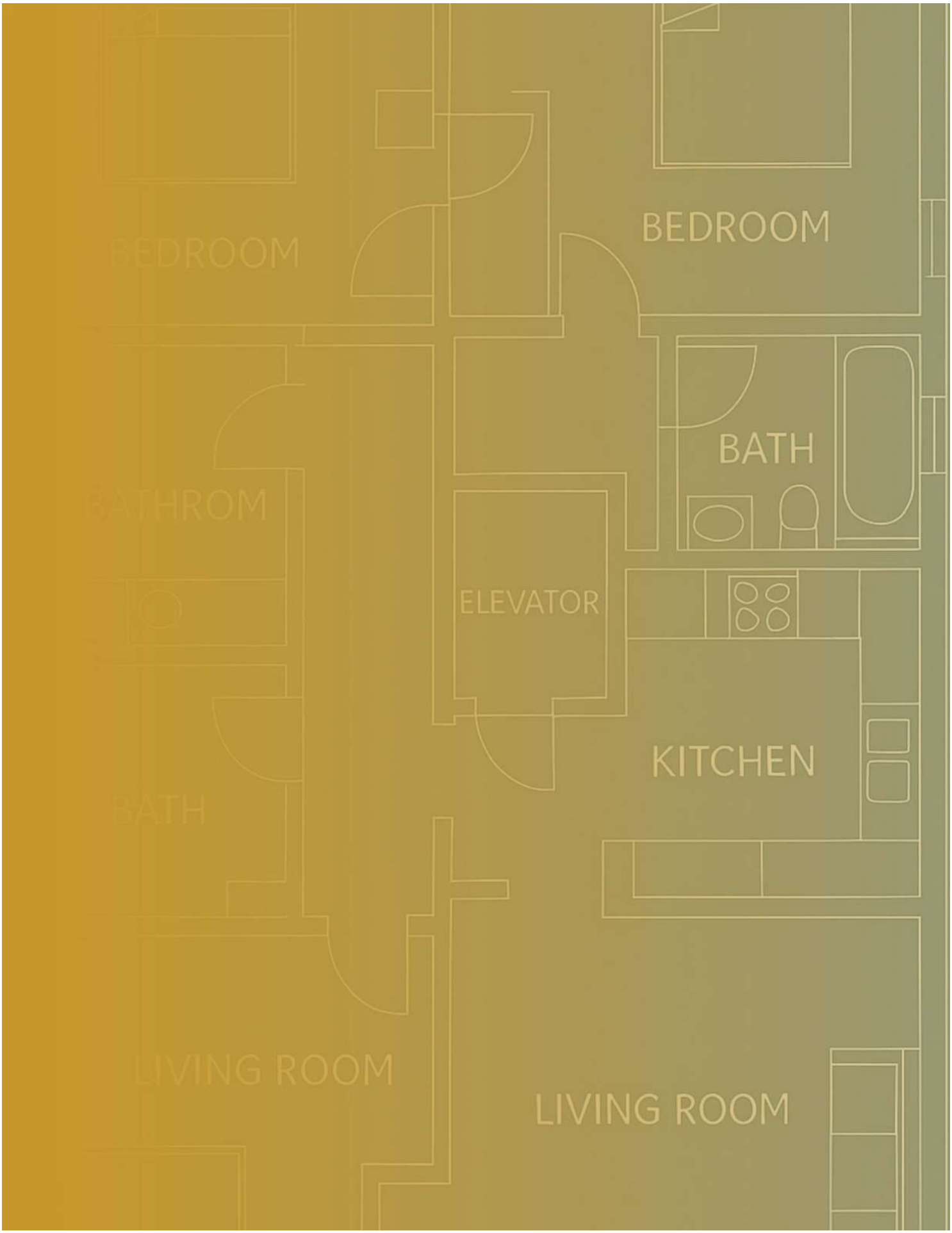
Strikelock

ELEVATOR GATES

ALL HOME ELEVATORS, BY CODE, REQUIRE AN ELEVATOR GATE FOR SAFE OPERATION.

The elevator control system will not allow the elevator to move if the gate is not closed properly. Choosing the best gate for your home depends on a number of factors including:

- Cab style, configuration, and cab height
- Hoistway configuration
- Space available in the hoistway to stack the gate
- Elevator pit depth


BEDROOM
BEDROOM
BATH
BATHROM
ELEVATOR
KITCHEN
BATH
LIVING ROOM
LIVING ROOM

ELEVATOR GATES

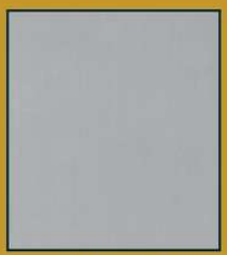
THE CURVE (WRAP GATE)

- Acrylic gate inserts provide a premium look when glass is used in the hoistway or hoistway doors.
- Ideal for a single opening cab but can be installed on a pass-through cab with proper planning.
- A power gate operator on the Curve provides elegance and convenience to the home.
- Available for cab heights of 6'8", 7'4", or 8'0"

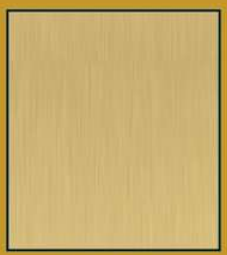


Black Curve Gate with a Fullview Hoistway Door

THE CURVE FRAME COLOR CHOICES



Aluminum Silver



Aluminum Gold



Aluminum Black

ELEVATOR GATES

MINIMUM RETURN REQUIREMENTS FOR THE CURVE

- 62" x 62" Minimum Hoistway Recommended for 15 sq. ft. Cab
- Maximum of two gates per elevator (single opening or inline pass-through only)
- Doors set to comply with Home Elevator Rule. Refer to Residential Elevator Home Elevator Rule (0900) and Residential Elevator Custom Elevator Jamb (0600) documents and video for more information.
- Requires 8" minimum elevator pit, 10" recommended. Not available with The Level.

GATE STACKING ON RAIL SIDE OF HOISTWAY

CAB TYPE	RAIL-STYLE RETURN GATE STACK	NON RAIL-SIDE RETURN
WOOD	18.5"	5 1/2"
STAINLESS STEEL	20"	5 1/2"

GATE STACKING ON NON-RAIL SIDE OF HOISTWAY

CAB TYPE	RAIL-STYLE RETURN	NON RAIL-SIDE RETURN GATE STACK
WOOD	12"	12"
STAINLESS STEEL	12"	12"

THE CURVE PANEL INSERT MATERIALS



Unfinished Maple | Unfinished Oak | Unfinished Walnut | Clear Acrylic

ELEVATOR GATES

MILLENNIUM GATES

- Popular option with or without a Power Gate Operator **on page 45**
- Available in a variety of frame colors and insert panel options
- Available for cab heights of 6'8", 7'4", or 8'0"

FRAME OPTIONS



Black | Silver | Gold

PANEL OPTIONS



Black | Silver | Clear Acrylic | White

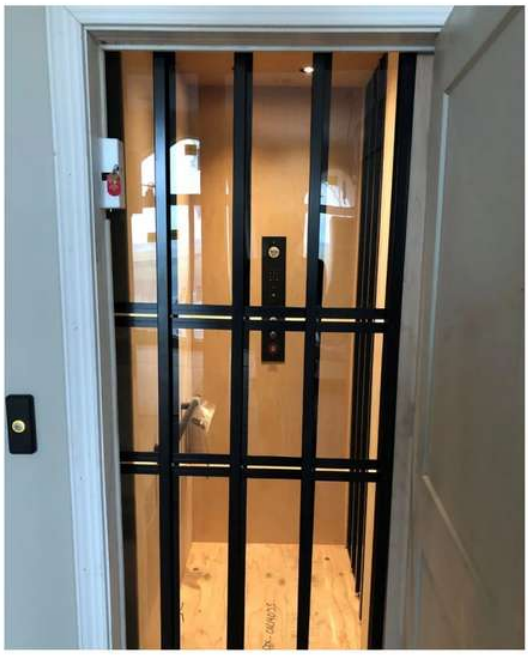
Gold | Unfinished Oak | Unfinished Maple | Smoked Acrylic*

Carbon Fiber Veneer* | Finished Oak* | Finished Maple*

*Upgrade



Silver Millennium Gate with Clear Acrylic Insert Panels



Black Millennium Gate with Clear Panels

ELEVATOR GATES

VISION AUTO-GLIDE (3-SPEED ALL GLASS GATE)

- Stunning state-of-the-art glass sliding door offering a unique and sophisticated touch.
- Constructed of tempered, laminated clear safety glass with Power Gate Operator included.
- 6'8" height offered currently and 36" hoistway door opening width required.
- Installed 'cab side only'.
- Requires hoistway doors at each elevator landing.
- In-line and Pass-Through Cab configurations available.
- 10" pit required.
- Available for Traction and Hydro and lead time is 4 weeks.



Vision Cab with Vision Auto-Glide Gate

ELEVATOR GATES

EON 2-SPEED COMMERCIAL STYLE DOORS

Sleek and compact, the stacking EON elevator door gives you the feel and security of a commercial elevator in the comfort of your home. Residential Elevators EON doors stack to one side, making this a space-efficient and mobility-friendly option. Now homeowners can enjoy hands-free accessibility in an upscale and luxurious package. Unlike swing landing doors, the EON requires less space in hallways and operates automatically at the touch of a button.

The EON two-speed door is designed and manufactured with safety and functionality for the cutting-edge home elevator consumer. Space-saving, automatic power doors travel with you, eliminating the need for a gate closure system. Only available in 6'8" height

**The EON system requires Special Hoistway framing. Please ask our team for more details.*



EON Doors with Stainless Steel Doors and Stainless Steel Frame



EON Doors in Glass (Frame not shown)

FRAME OPTIONS

- Stainless Steel
- Beige
- Custom*

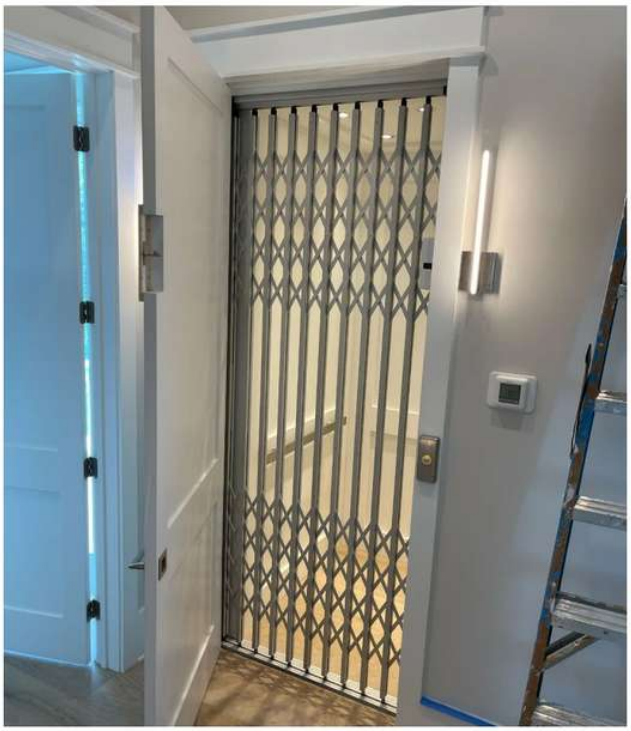
DOOR OPTIONS

- Stainless Steel
- Beige
- Glass
- Custom*

ELEVATOR GATES

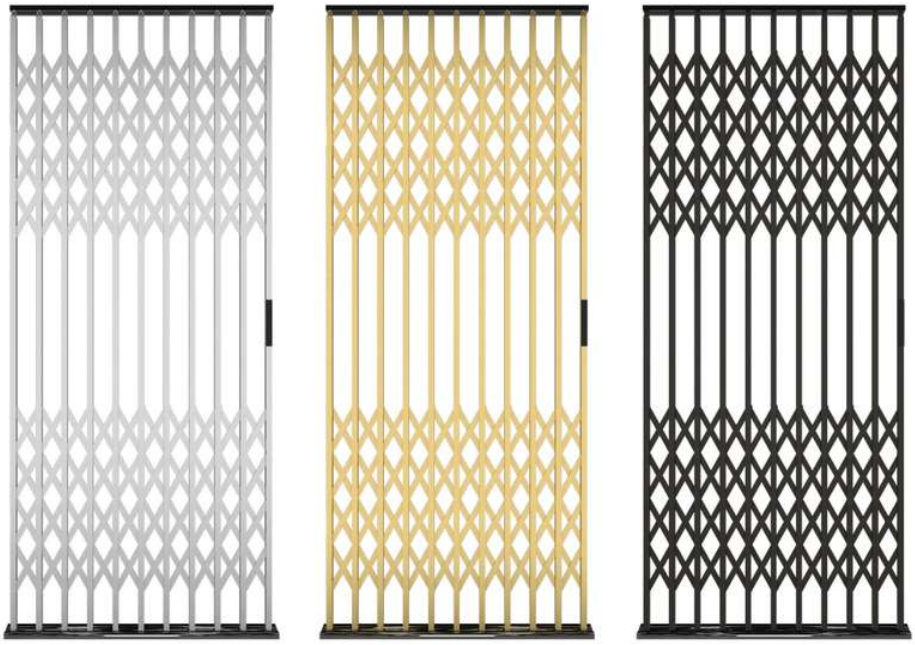
CENTURY SCISSOR GATES

The Century Scissor gate is a reliable and proven solution for those who do not need or desire a power gate operator. This gate is available in heights of 8'0", 7'4", and 6'8".



COLOR OPTIONS

- Black
- Gold
- Silver



POWER GATE OPERATOR





- Installs on the top of the elevator.
- Great add-on for Curve, Millennium, and Accordion gates.
- Included as part of Vision Auto-Glide gates and EON 2-Speed Doors
- Eliminates user error such as leaving the gate open behind a closed hoistway door; ideal for short and long-term rentals.
- Very useful for handicapped individuals.
- Can be paired with our Power Door Operators as part of our Shabbat package for those who observe the Jewish Sabbath.
- Not available with Triple Opening (HP-7) cab configuration; please consult us if you are considering an Adjacent configuration.

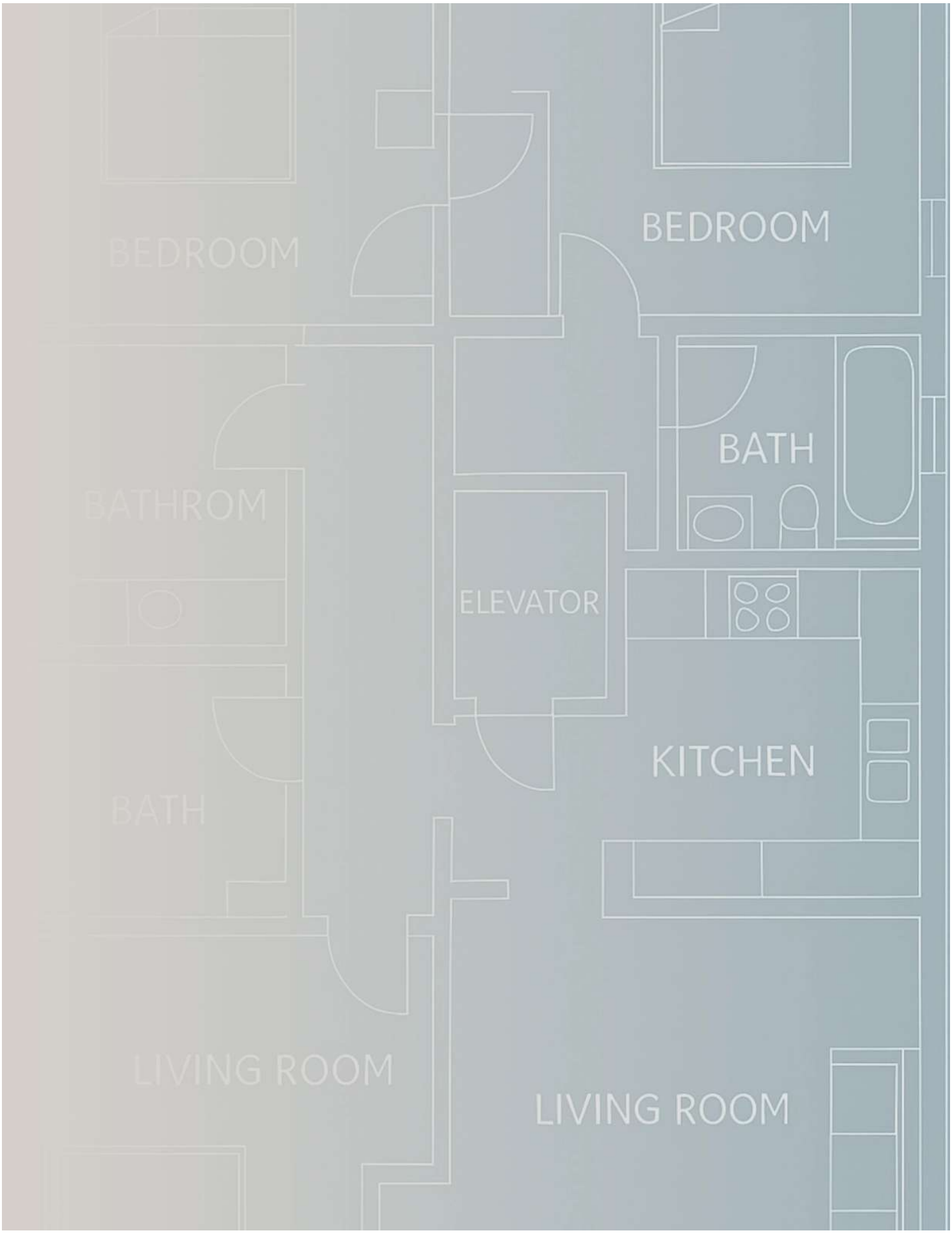
POWER DOOR OPENER



- Installs at the top, outside of the hoistway door.
- Available in Silver, Ivory, and Dark Bronze.
- Very useful for handicapped individuals.
- Can be paired with our Power Gate Operators as part of our Shabbat package for those who observe the Jewish Sabbath.

ELEVATOR TYPES

Elevator type will heavily depend on home design, preference, and what we describe as "Overhead." Overhead is defined as the available space above the top floor and is measured as the vertical distance from the lowest point of the finished hoistway to the top of the finished flooring of the top floor. See the next page for more information.

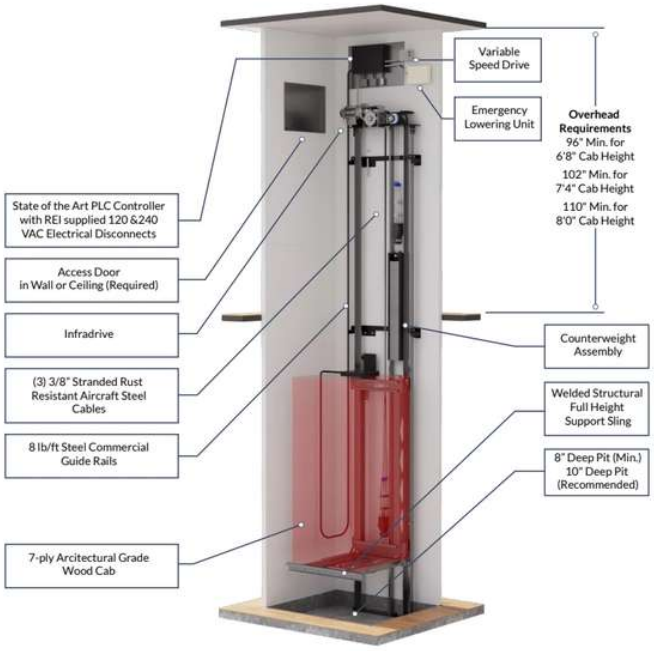

BEDROOM
BEDROOM
BATH
BATHROM
ELEVATOR
KITCHEN
BATH
LIVING ROOM
LIVING ROOM

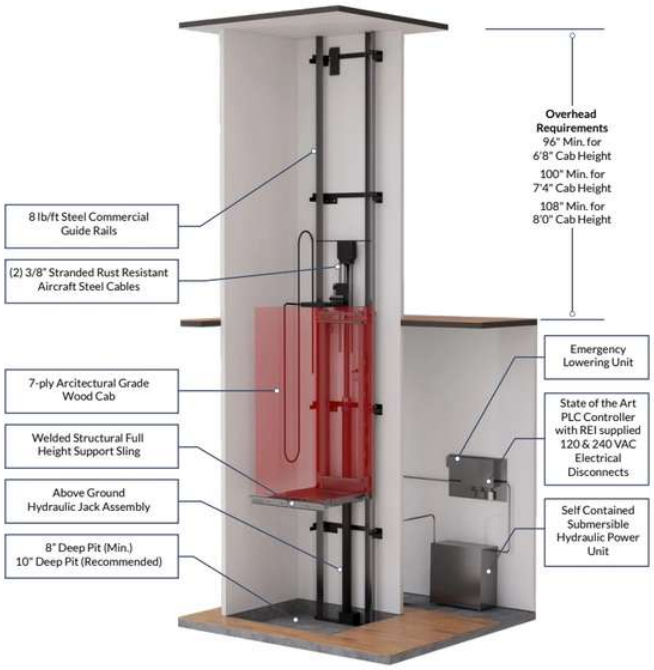
ELEVATOR TYPES

ELEVATOR MODEL NUMBERS

RESIDENTIAL ELEVATOR MODEL NUMBERS ARE DEFINED USING THE FOLLOWING:

- First two characters are LL. These denote that the Elevator is part of the "Luxury Lift" series of elevators.
- The third characters is the type of elevator. For insstance:
  - T indicates Traction,
  - H indicates Hydraulic
  - P indicates Pitless
  - The fourth character is a dash.
  - The fifth and sixth characters indicate the elevator capacity so 95 means 950 lbs. of elevator capacity.
  - The seventh character indicates the number of floors.
  - LLT-953 means that this is a Luxury Lift, Traction Elevator with 950 lbs. of capacity and is a 3-story home.





MINIMUM OVERHEAD REQUIREMENTS

LLH-HYDRO AND LLT-TRACTION (INFRADRIVE®) WITH SCISSOR,ACCORDION/ MILLENNIUM/CURVE GATES (WITH & WITHOUT POWER GATE OPERATOR)

		LLT INFRADRIVE® TRACTION			LLH HYDRAULIC	
Door Height	Cab Height	Without Access Door Above Top Floor Landing	With Access Door Above Top Floor Landing	Stainless Steel Cabs	Without Access Door Above Top Floor Landing	With Access Door Above Top Floor Landing
6'-8"	82"	96"	96"	116"	96"	N/A
7'-4"	88"	102"	102"	116"	100"	N/A
8'-0"	96"	110"	110"	116"	108"	N/A

NOTE-Any overhead that is within 3" of minimum is considered a low overhead installation. For instance, overheads of 110"–113" on 8'0" cabs are considered low overhead and may require a remote machine room depending on cab options.

LLH-HYDRO AND LLT-TRACTION (INFRADRIVE®) WITH 2-SPEED EON DOORS

		LLT INFRADRIVE® TRACTION			LLH HYDRAULIC	
Door Height	Cab Height	Without Access Door Above Top Floor Landing	With Access Door Above Top Floor Landing	Stainless Steel Cabs	Without Access Door Above Top Floor Landing	With Access Door Above Top Floor Landing
6'-8"	82"	106"	113"	116"	106"	N/A
7'-4"	88"	N/A	N/A	N/A	N/A	N/A
8'-0"	96"	120"	127"	See Columns To Left	120"	N/A

THE LEVEL-PITLESS: LLP THE LEVEL INFRADRIVE® TRACTION

Door Height	Cab Height	Without Access Door Above Top Floor Landing	With Access Door Above Top Floor Landing
6'-8"	82"	108"	108"
7'-4"	88"	N/A	N/A
8'-0"	96"	120"	120"

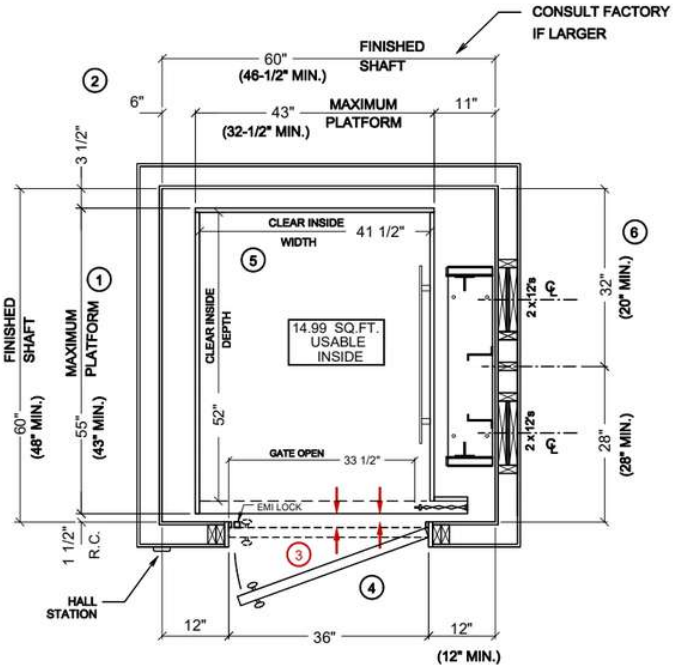


ELEVATOR TYPES

LLT TRACTION ELEVATOR WITH INFRADRIVE®

- Our most popular REI elevator sold nationwide for over 17 years; available up to 6 stops, with a maximum of 50 feet of vertical travel.
- All Tractions and Levels are now installed with our InfraDrive® motor/gearbox. The quietest motor and gearbox on the market with an incredibly smooth ride.
- All of our elevators boast an Industry-leading 950 lb capacity.
- No machine room is required with our Traction and Level, as the controller will be installed in the top of the hoistway or the attic – saves square footage in the home. (Check current code in your area for controller location requirements)
- Auto-lowering emergency exit feature is standard on all of our elevators. This feature allows the elevator to lower automatically to the next landing, permitting passengers to exit safely in the event of a power outage.
- Minimum 8” pit is required. 10" pit is Recommended.





Visit our website, residentialelevators.com, for helpful drawings like the one on the right. On the main page of the site, just scroll down to footer of webpage and click on the section labeled BUILDERS & ARCHITECTS at residentialelevators.com/drawings-specifications

LLT TRACTION MINIMUM REQUIREMENTS

- 52” x 57” clear inside hoistway dimensions when using an accordionstyle solid gate.
- 8" [10" for EON Doors] minimum pit built to withstand a 5,100 lb. load.
- 96" clear hoistway overhead (106" [113" Above Door Access] for EON Doors) for Std. cab. 102" for 7 '4" cabs and 110" (120" [127" Above Door Access] for EON Doors) for 8'-0" cabs
- Stainless Steel Cabs require a minimum of 116" hoistway overhead for all cab heights.
- 12" minimum return on rail side wall [Refer to your Territory Sales Manager for EON Door Returns]. If this cannot be obtained, contact the office for approval.
- If masonry construction, the rail wall needs to be poured solid.
- Rail side blocking for wood frame hoistways must be two 2 x 12’s sandwiched together, running vertically the entire height of the hoistway 12” on center of either side of the rail wall centerline (28”.) (Please see rail wall structural drawing).
- Legal machinery space with access doors. (Please see access door drawing).
- Hoistway anchorage support.
- Refer to Work by Others Requirements on our website for additional information.

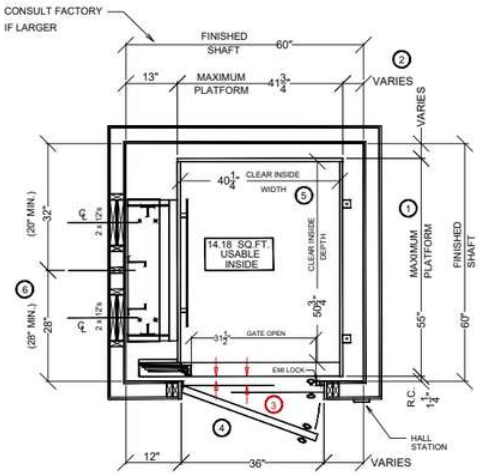


Typical Elevator Pit before Elevator Installation

ELEVATOR TYPES

LLP THE LEVEL PITLESS TRACTION ELEVATOR WITH INFRADRIVE®

- Perfect for remodels where building a pit is not possible or for those who simply do not want a pit.
- The Level is a Traction elevator installed with our InfraDrive® motor/gear box – the quietest motor on the market, with an incredibly smooth ride, and industry-leading 950 lb capacity.
- Familiarize yourself with all of the information on The Level in this section, particularly the page labeled 'Additional Details,' as the hoistway, returns, and other configurations which must be met are specific.
- Level Cabs are available in Wood Cabs:
  - Heights of 6'8" and 8'
  - In-line and Pass-through configurations
  - Pre-set Cab sizes of 10, 12, or 15 square feet
- Left or Right rail mount
- Compatible with Glass Digital or Flush-mount Digital Touch Screen COP's only.
- Choose from Accordion, Century, and Millennium gates.
- No machine room is required, as the controller will be installed in the top of the hoistway or the attic—saves square footage in the home. Check current code in your area for controller location requirements.
- Bottom floor will land 1" to 1.5" high—a modified hoistway door entry is advised.
- Auto-lowering emergency exit feature is standard on all of our elevators.



STANDARD HOISTWAY PLAN

Visit our website, residentialelevators.com/drawings-specifications, for helpful drawings like the one above. On the main page of the site, just scroll down and click on the section labeled BUILDERS & ARCHITECTS.

LLP THE LEVEL PITLESS TRACTION ELEVATOR WITH INFRADRIVE®

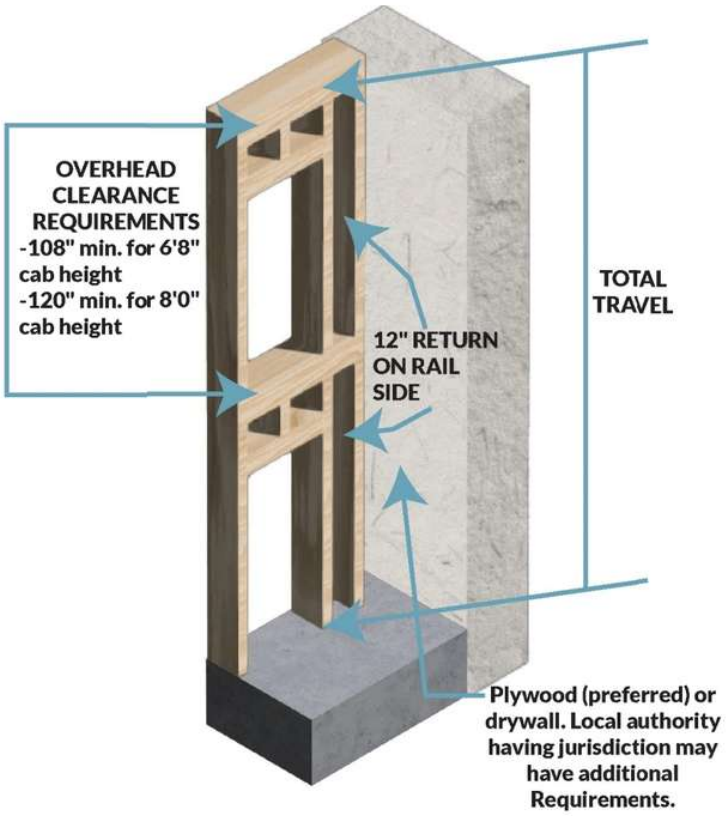
No elevator pit required. The Level, Residential Elevator's offering for pit-less applications, was developed to overcome the need to cut existing concrete and still have the ability to install an REI elevator in your home.

The Level makes Residential Elevators one of the only companies to offer this design while still being the best and safest company around.

INNOVATIVE FEATURES

- Perfect for remodeled homes
- Rigorously safety tested by our team of professionals
- Third-party tested for reliability and Performance

Our design makes adding an elevator to an existing home easier than ever before. Designed to sit level with the floor, there's no pit required below the cabin floor. The Level offers the same safety, quality, and accessories as other REI elevator options.



LLP Design	Return (Rail Side Only)	Width Minimum	Width Maximum	Width Minimum	Width Maximum
10 sq. ft.		53"		50"	
Single Entry	12"	53"	59"	50"	56"
Pass Thru (Scissor Only)	12"	53"	59"	49 1/2"	50 1/2"
12 sq. ft.		56"		54"	
Single Entry	12"	56"	62"	54"	60"
Pass Thru (Scissor Only)	12"	56"	62"	53 1/2"	60 1/2"
15 sq. ft.		60"		60"	
Single Entry	12"	60"	66"	60"	66"
Pass Thru (Scissor Only)	12"	60"	66"	59 1/2"	60 1/2"

ELEVATOR TYPES

ADDITIONAL DETAILS ON THE LLP PITLESS

- Three cab sizes available: 10 sq. ft., 12 sq. ft, and 15 sq. ft.
- Floors of cab are constructed of steel
- 1-1½" step up to account for floor and threshold thickness
- 32 Cab options available at residentialelevators.com/drawings-specifications-level
- There are 9LH and 9RH options for single-door cabs.
- There are 7LH and 7RH options for pass-through, 2 door cabs.
- Rail-side return hoistway is 12" for all cabs.
- Rail wall must be 12 inches, not minimum or greater than.
- All cabs are built to accommodate 12" rail wall return.
- Rail wall returns less than 12" will cause the stacked gate to protrude into door opening.
- 10 Sq. ft. cab utilizes a 32" door on each stop.
- 12 & 15 Sq. ft. cabs utilize a 36" door on each stop.
- Gates ALWAYS stack to rail side.
- Touchscreen COP only. PNP COP is not available on The Level.
- All hall station options are available.

Usable Cab Size Sq. Ft. (RH or LH Rail)	Scissor Gates		Millennium Gates		Accordion Gates	
	Depth	Width	Depth	Width	Depth	Width
10 sq. ft. - 1 Door	42"	34 1/2"	40 3/4"	34 1/4"	40"	34 1/4"
12 sq. ft. - 1 Door	46"	36 1/2"	44 3/4"	36 1/4"	44"	36 1/4"
15 sq. ft. - 1 Door	52"	40 1/4"	50 3/4"	40 1/4"	50"	40 1/4"
10 sq. ft. - 2 Doors	43 1/2"	33"	N/A	N/A	N/A	N/A
12 sq. ft. - 2 Doors	47 1/2"	36 1/4"	45"	36 1/4"	43 1/2"	36 1/4"
15sq. ft. - 2 Doors	53 1/2"	40 1/4"	51"	40 1/4"	49 1/2"	40 1/4"

Note that the LLP Level Cab is constructed with a drop ceiling. Examples:



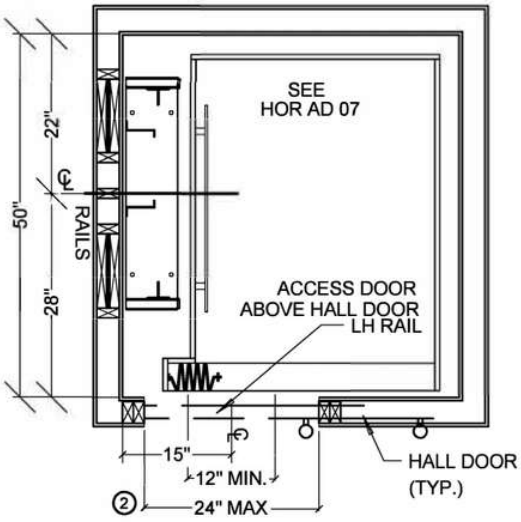


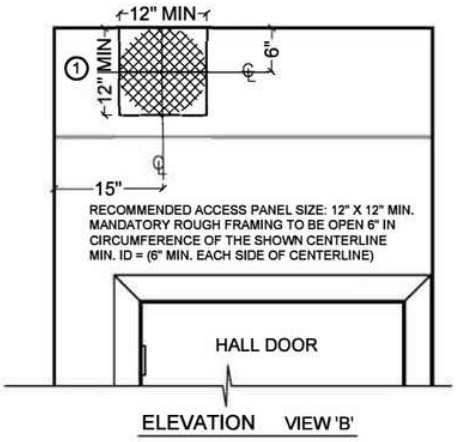
TRACTION ACCESS DOORS

For emergency access to manually lower the elevator cab, all Traction elevators must have readily available access to the motor and gearbox system through access doors located above the top floor. These access hole with doors must been 12"–24" in height and width and located near the rail wall.

Designing a home that incorporates access doors into its overall design can be easily achieved when properly planned. There are helpful links on our website for:

- Above Hall Door for left and right hand rail applicaitons (Recommended)
- Rail wall application for offset right
- Rail wall application for offset left
- Attic access (May be restricted by local municipality in some areas.)







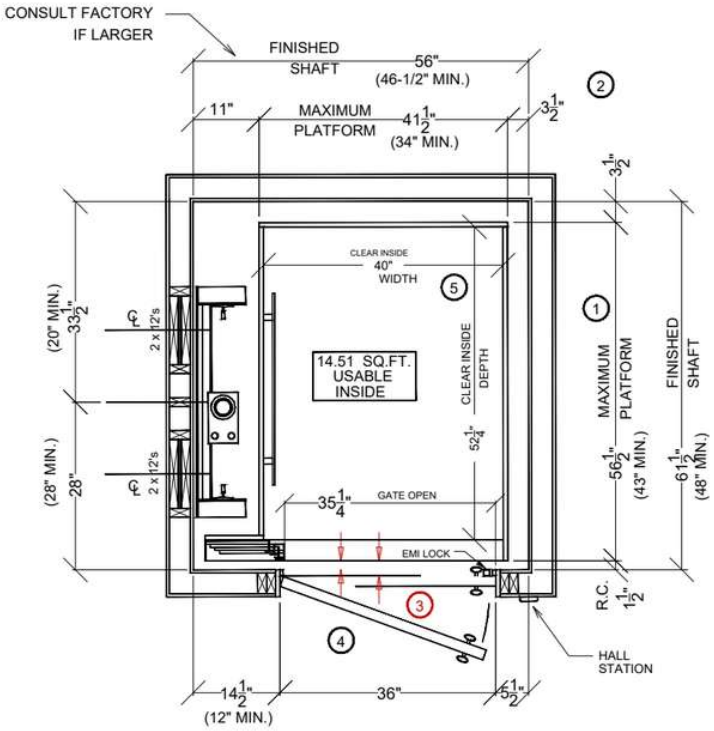
Access hole ABOVE hall Door for left hand rail Traction elevator. Note-Access Door not shown.

ELEVATOR TYPES

LLH HYDRAULIC ELEVATOR

- Available up to 6 stops, maximum 50 feet of travel; machine room required and minimum 8” pit.
- All of our elevators boast an Industry-leading 950 lb capacity.
- Auto-lowering emergency exit feature is standard on all of our elevators. This feature allows the elevator to lower automatically to the next landing, permitting passengers to exit safely in the event of a power outage.
- If a client is installing a Hydro but is uncomfortable with hydraulic oil, eco-friendly vegetable oil is available at an additional cost.
- Minimum 8” pit is required, 10" pit is recommended.





Visit our website, residentialelevators.com, for helpful drawings like the one on the right. On the main page of the site, just scroll down to footer of webpage and click on the section labeled BUILDERS & ARCHITECTS.

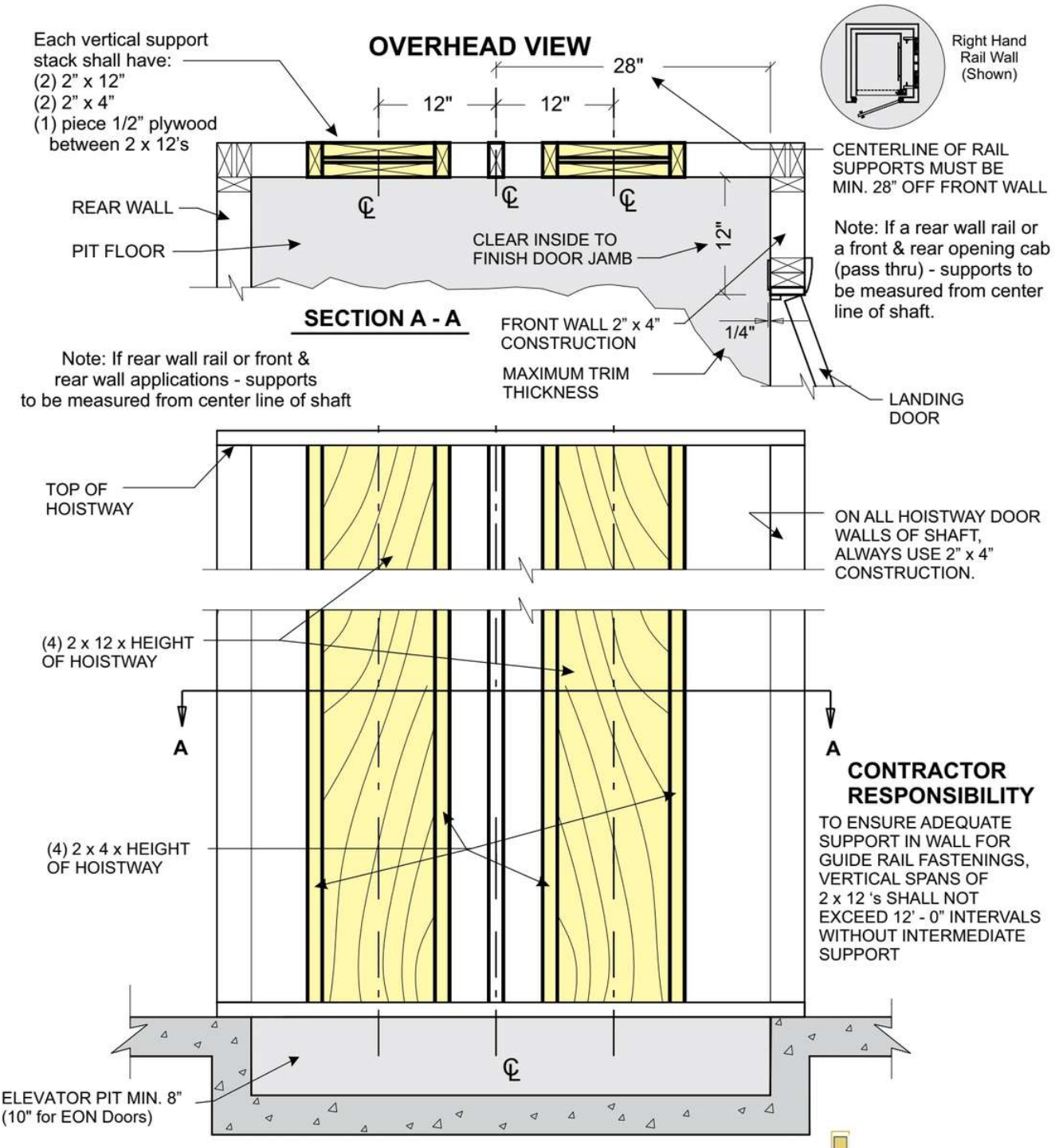
LLH HYDRAULIC MINIMUM REQUIREMENTS

- 52” x 57” clear inside hoistway dimensions when using an accordionstyle solid gate.
- 8" [10" for EON Doors] minimum pit built to withstand a 3,900 lb. load.
- 96" clear hoistway overhead (106" for EON Doors) for Std. cabs, 100" for 7 '4" cabs, and 108” clear hoistway overhead (120” for EON Doors) for 8'-0" cabs
- 12" minimum return on rail side wall [Refer to your Territory Sales Manager for EON Door Returns]. If this cannot be obtained, contact office for approval.
- If masonry construction, rail wall needs to be poured solid.
- Rail side blocking for wood frame hoistways must be two 2 x 12’s sandwiched together, running vertically the entire height of the hoistway 12” on center of either side of the rail wall centerline (28”.) (Please see rail wall structural drawing).
- Legal machinery room for hydraulic pump and controller.
- Hoistway anchorage support.
- Refer to Work by Others Requirements on our website for additional information.



Hydraulic Machine Room Example

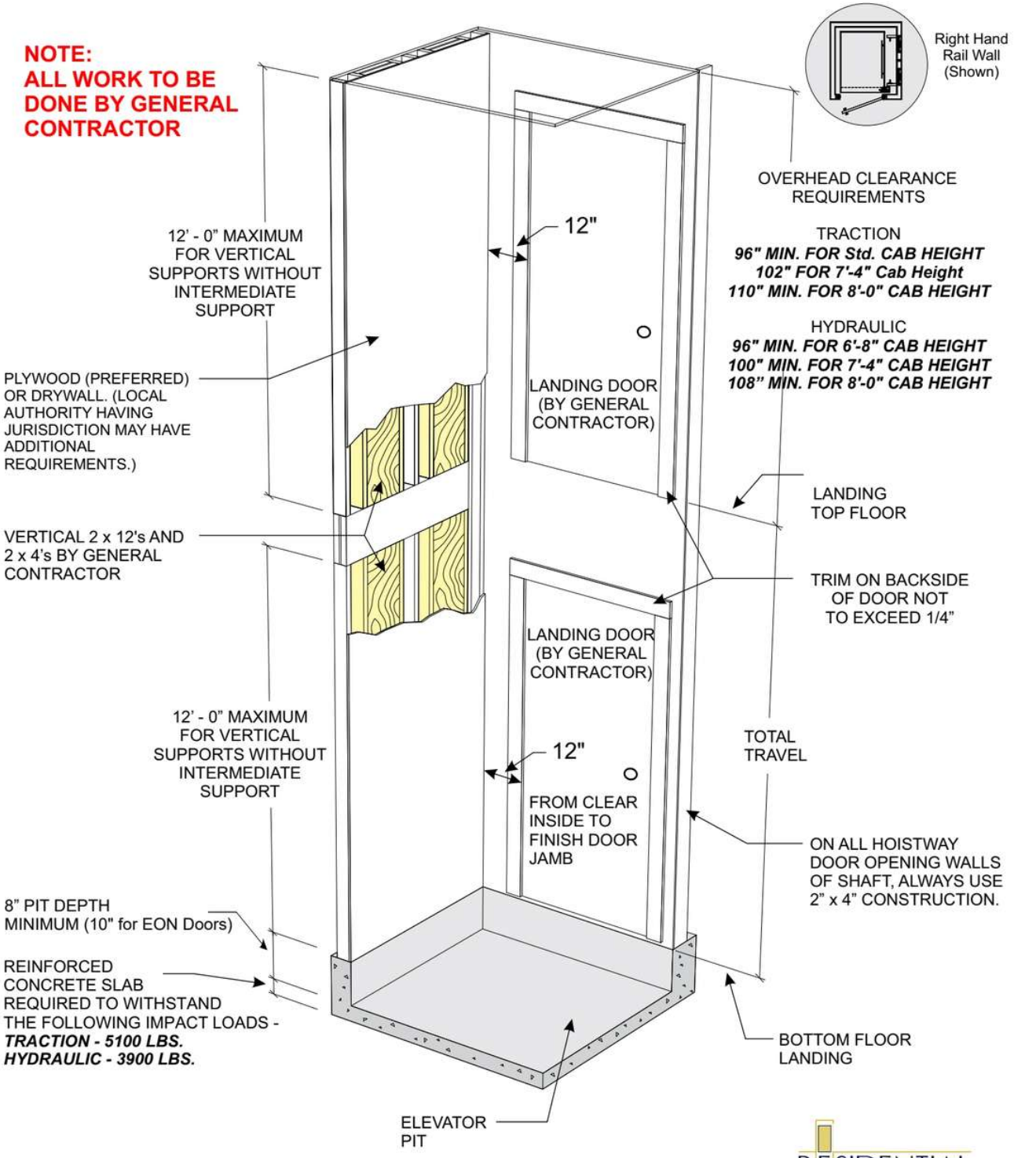
HOR03 ELEVATOR SHAFT STRUCTURAL REQUIREMENTS LLT & LLH



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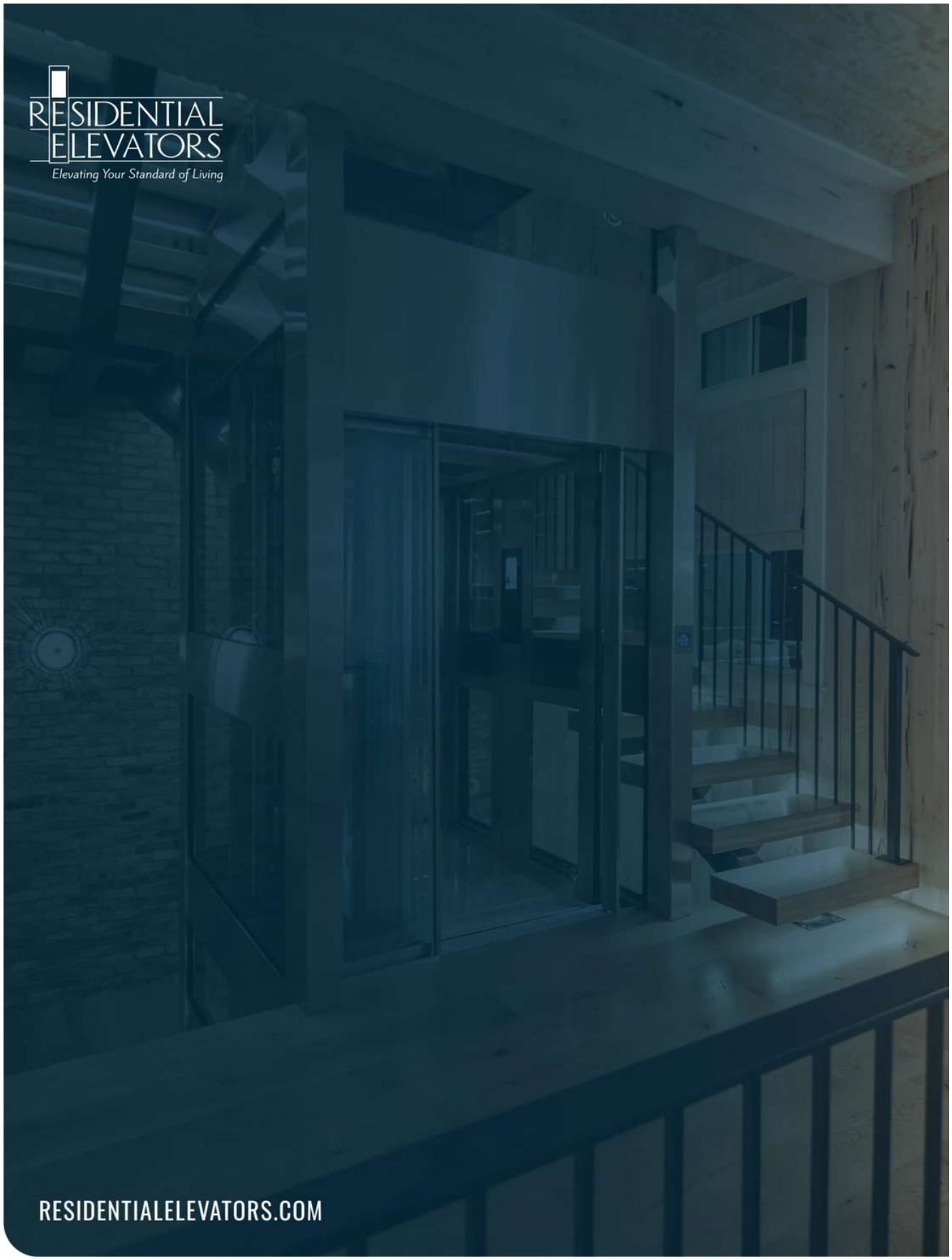
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HOR02 Hoistway / Pit Details LLT & LLH



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