

## HISTORIC PRESERVATION COMMISSION

### MATERIAL SPECIFICATIONS

Subject Property: 30 Bow Street, Somerville, MA 02143  
Assessing Parcel ID. No. 74-C-10

Applicant Name: Modern Love LLC d/b/a Wild Child  
1 Bow Market Way, Suite 32, Somerville, MA 02143

Applicant's Representative: Adam R. Barnosky, Esq., & Michael J. Barone, Jr.  
RIW, 255 State Street, 7<sup>th</sup> Floor, Boston, MA 02109

Owner of Record: 30 Bow LLC  
30 Bow Street, Somerville, MA 02143

The Applicant proposes the use of the following equipment and materials as part of its addition of an accessible path and lift to the rear porch of the existing building at 30 Bow Street.

#### **Platform Lift**

Ameriglide - Hercules 750 Commercial Platform lift

#### **Accessible Path Pavers**

Permeable Pavers - Hanover Traditional Prest Brick Paver in 4 1/2"x 9" in Limestone Gray finish

#### **Accessible Door from Rear Patio**

Pella Lifestyle Series, In Swing Door (Dual-Pane grille) with black aluminum-clad exterior, white prefinished interior, satin brad hinged patio door handle

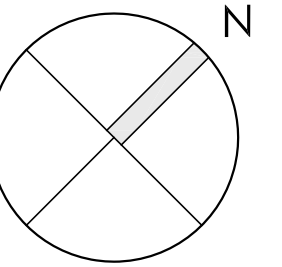
For pictures and manufacturer's specifications, please see specification attachments submitted with the relevant portions of the Application.

**WILD CHILD**

30 BOW ST.  
SOMERVILLE, MA 02143

**MILITANA STUDIO**

22 BIGELOW ST. #2B  
CAMBRIDGE, MA 02139  
T: 857.274.7493



NOTE:

STAMP:



REVISION

REV	DATE	DESCRIPTION

**EXISTING BASEMENT  
LEVEL PLAN**

ISSUED BY  
MILITANA STUDIO

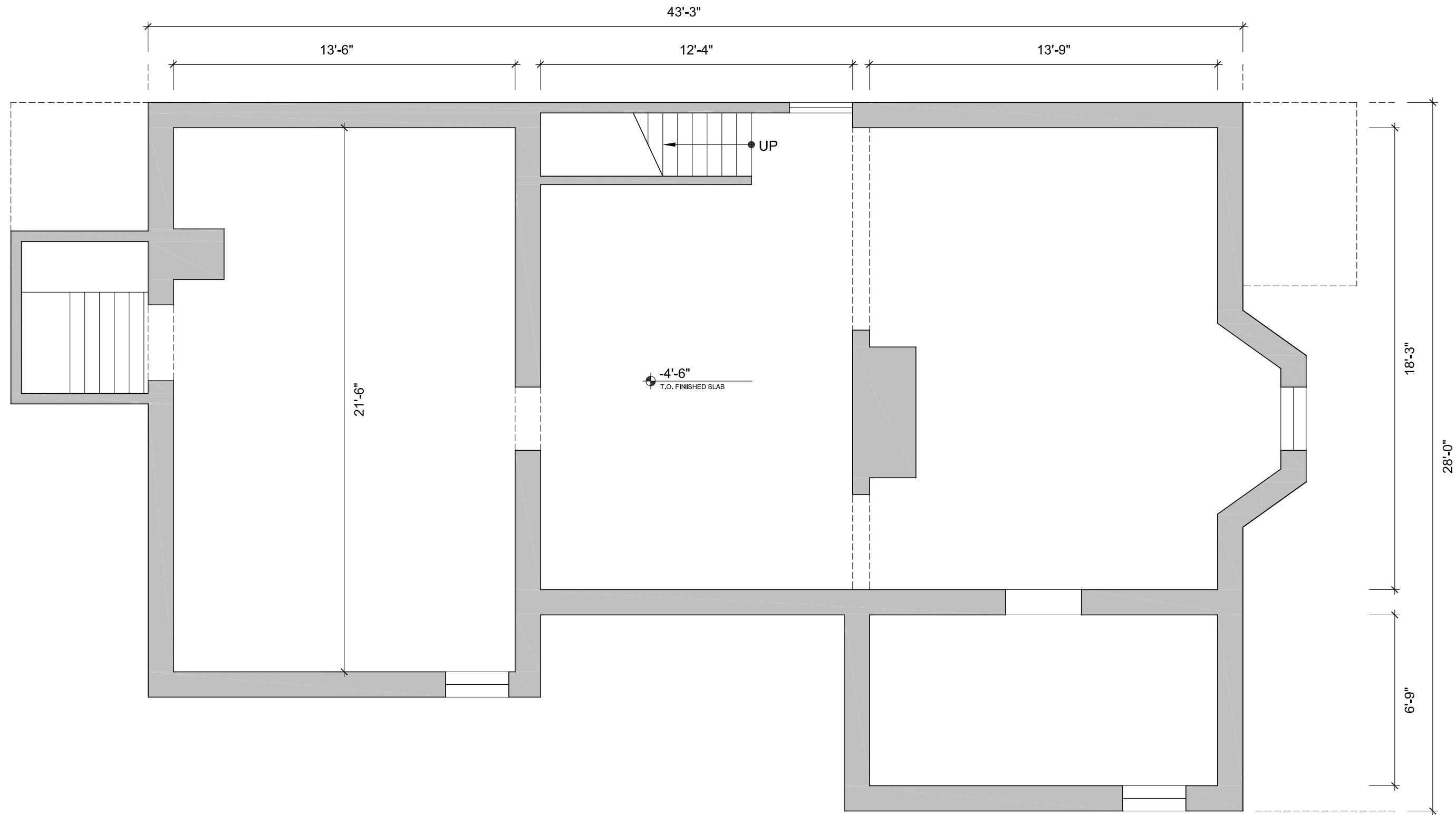
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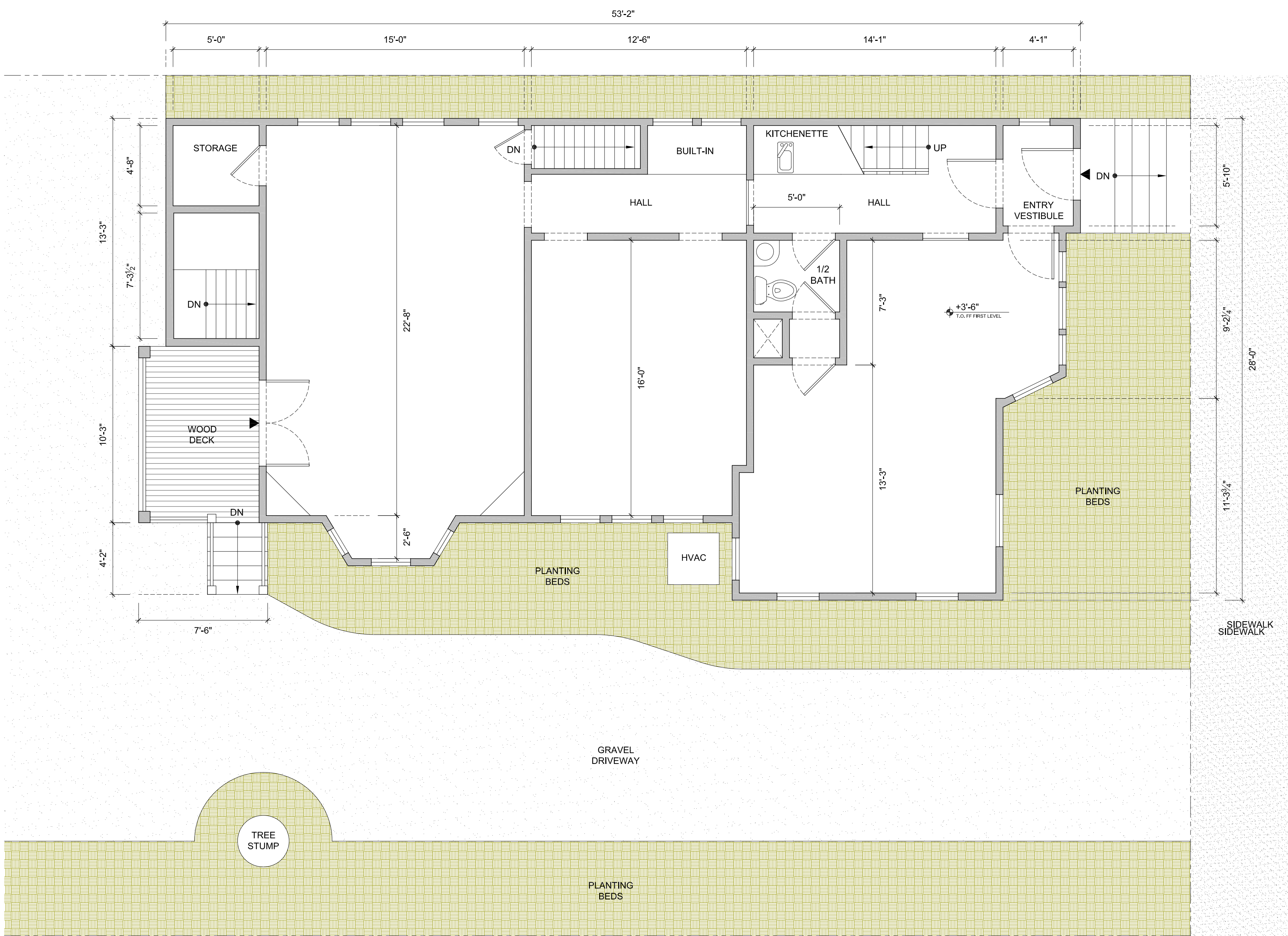
027

DRAWING DATE:  
11/08/23

SCALE:  
1/4" = 1'-0"

AX.00



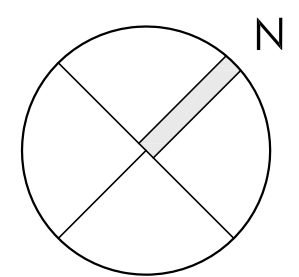


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REV	DATE	DESCRIPTION

**EXISTING GROUND LEVEL PLAN**

ISSUED BY  
MILITANA STUDIO

PROJECT NUMBER: 027 SHEET: AX.10

DRAWING DATE: 11/08/23

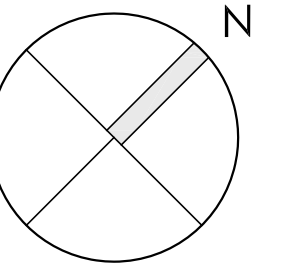
SCALE: 1/4" = 1'-0"

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SOMERVILLE, MA 02143

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EXISTING SECOND LEVEL PLAN

ISSUED BY  
MILITANA STUDIO

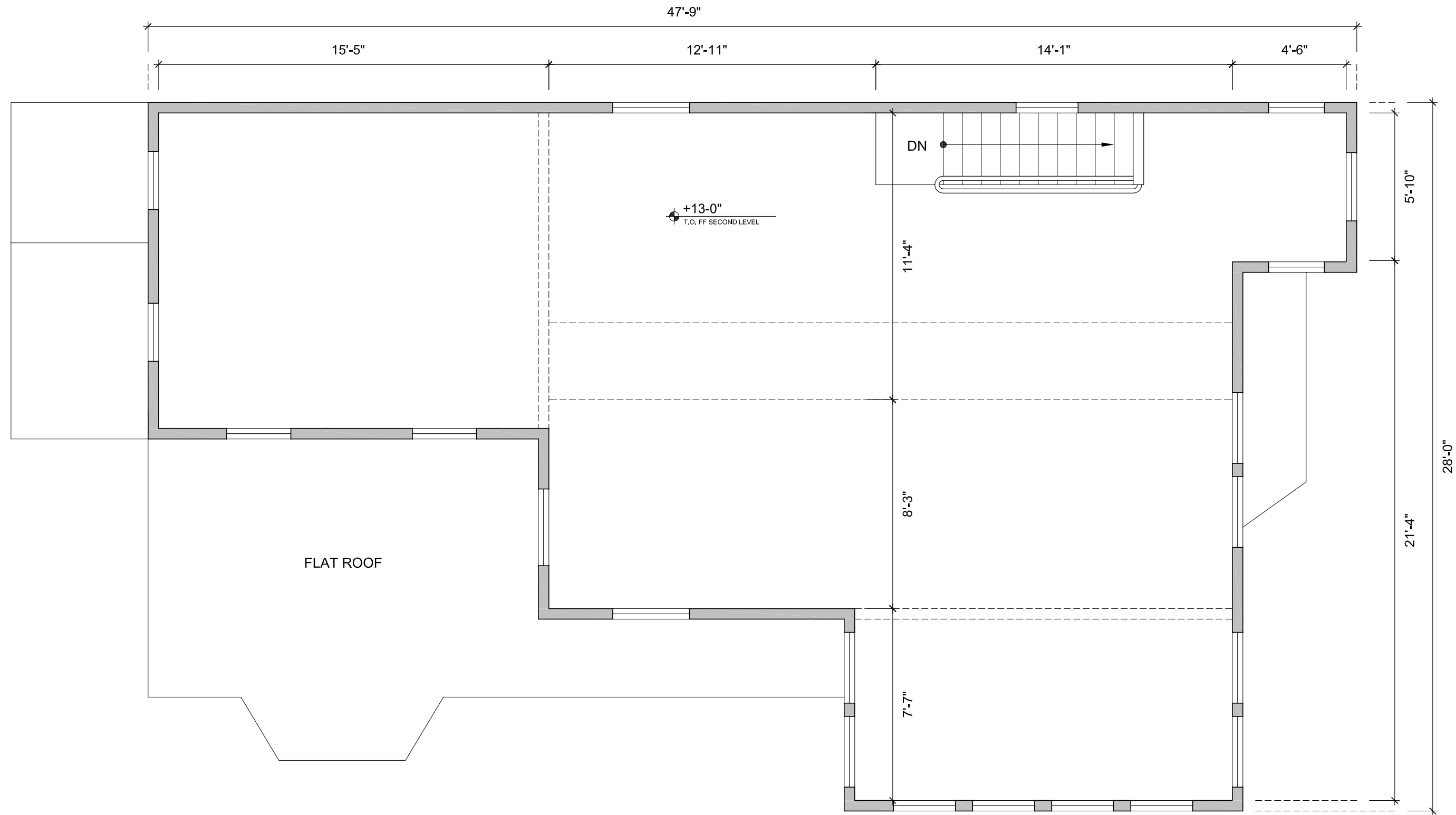
PROJECT NUMBER: SHEET:

027

DRAWING DATE:  
11/08/23

AX.20

SCALE:  
1/4" = 1'-0"



WILD CHILD

30 BOW ST.  
SOMERVILLE, MA 02143

MILITANA STUDIO

22 BIGELOW ST. #2B  
CAMBRIDGE, MA 02139  
T: 857.274.7493

NOTE:



ELEVATION KEYED NOTES

1. BRICK FOUNDATION WALL
2. PAINTED WOOD SIDING
3. PAINTED WOOD SHINGLES
4. ASPHALT SHINGLE ROOF W/ WOOD GUTTERS
5. PAINTED WOOD DECK STRUCTURE & TRELIS
6. PAINTED WOOD BALUSTERS
7. PAINTED WOOD LATTICE
8. PAINTED WOOD BOARD & BATTEN

STAMP:



REVISION

REV	DATE	DESCRIPTION

EXISTING NORTH ELEVATION

ISSUED BY  
MILITANA STUDIO

PROJECT NUMBER: SHEET:

027 AX.40

DRAWING DATE: 11/07/23

SCALE: 1/4" = 1'-0"

WILD CHILD

30 BOW ST.  
SOMERVILLE, MA 02143

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ELEVATION KEYED NOTES

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3. PAINTED WOOD SHINGLES
4. ASPHALT SHINGLE ROOF W/ WOOD GUTTERS
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6. PAINTED WOOD BALUSTERS
7. PAINTED WOOD LATTICE
8. PAINTED WOOD BOARD & BATTEN

STAMP:



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EXISTING EAST ELEVATION

ISSUED BY  
MILITANA STUDIO

PROJECT NUMBER: SHEET:

027

DRAWING DATE:

11/08/23

SCALE:

1/4" = 1'-0"

AX.50

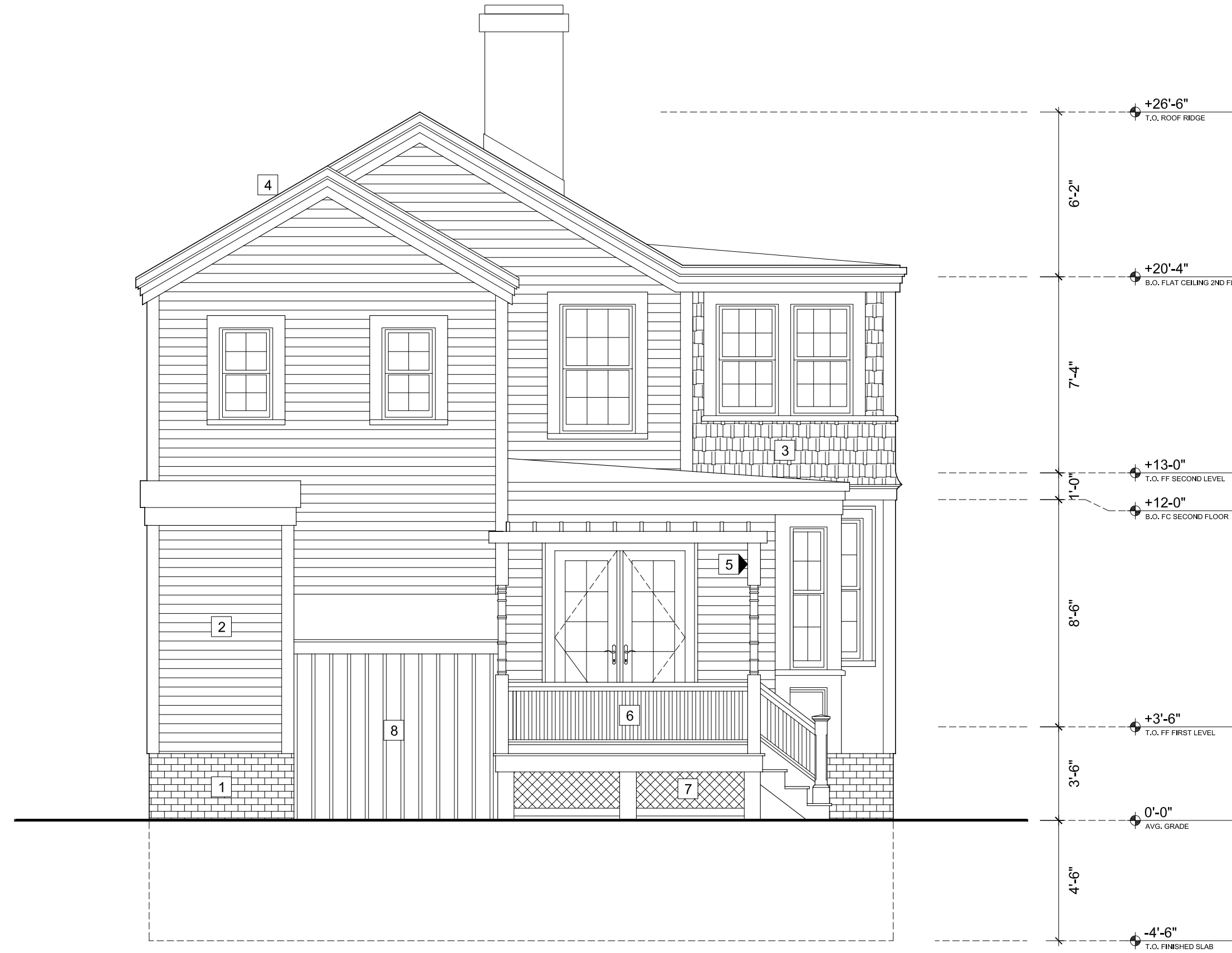
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EXISTING SOUTH ELEVATION

ISSUED BY  
MILITANA STUDIO

PROJECT NUMBER: SHEET:

027

DRAWING DATE:

11/08/23

SCALE:

1/4" = 1'-0"

AX.60

**WILD CHILD**

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**EXISTING WEST ELEVATION**

ISSUED BY  
MILITANA STUDIO

PROJECT NUMBER: SHEET:

027 AX.70

DRAWING DATE: 11/08/23

SCALE: 1/4" = 1'-0"

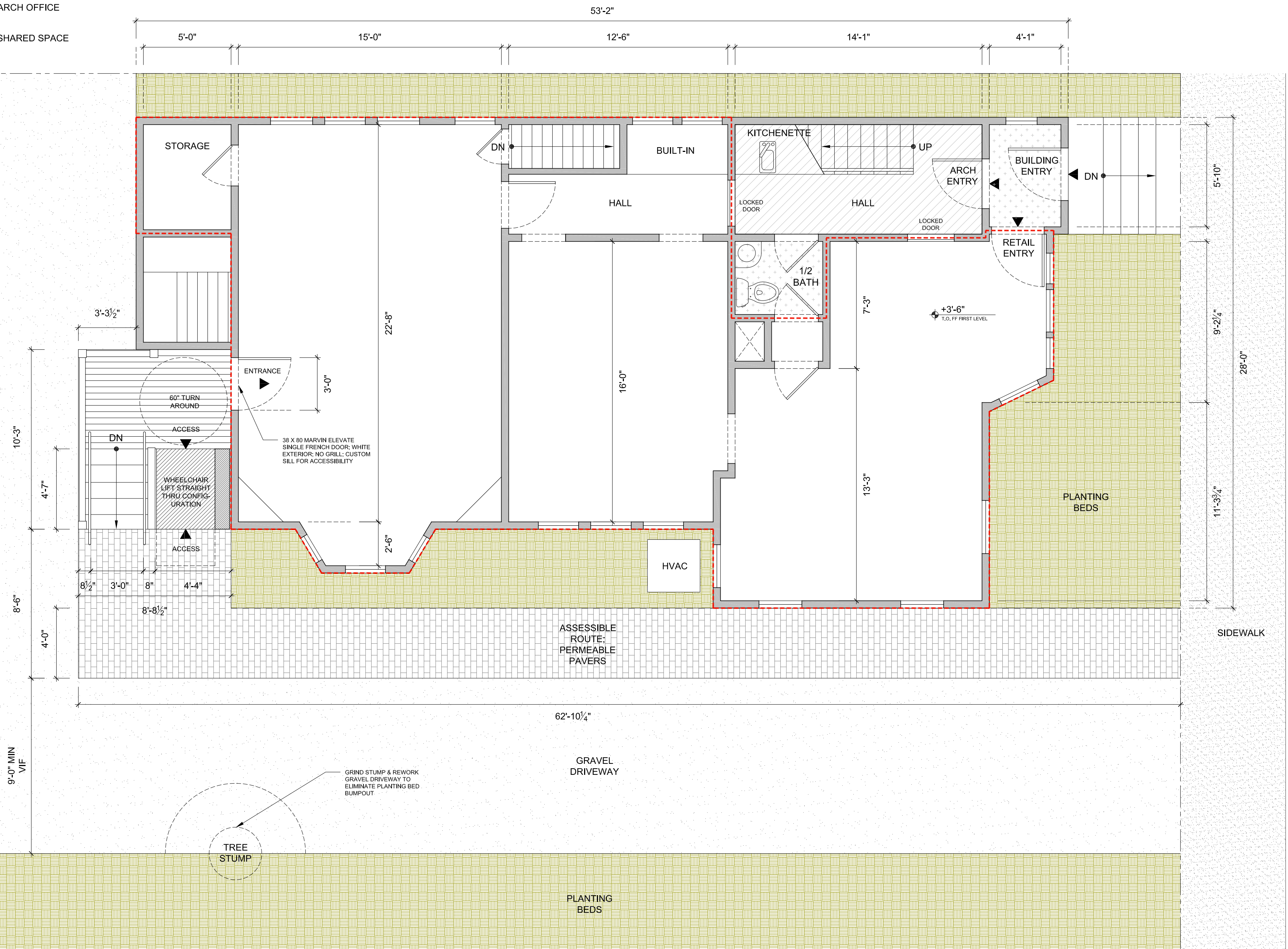


**ELEVATION KEYED NOTES**

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7. PAINTED WOOD LATTICE
8. PAINTED WOOD BOARD & BATTEN



- RETAIL SPACE
- ARCH OFFICE
- SHARED SPACE

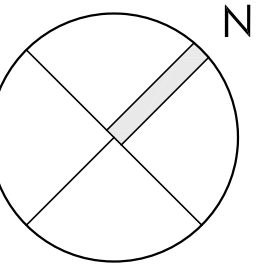


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**PROPOSED GROUND LEVEL PLAN**

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PROJECT NUMBER: SHEET:

027

DRAWING DATE:

11/08/23

SCALE:

1/4" = 1'-0"

A1.10

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6. PAINTED WOOD BALUSTERS
7. PAINTED WOOD LATTICE
8. PAINTED WOOD BOARD & BATTEN
9. NEW 2x4 PAINTED WOOD POST
10. TREX DECKING W/ PAINTED WOOD OR AZEK RISERS
11. PAINTED WOOD WALL TO SCREEN WHEELCHAIR LIFT
12. GALVANIZED STEEL ACCESSIBLE HANDRAIL
13. PAINTED 1X4 WOOD OR AZEK SKIRTING W/ 1X6 CORNER BOARDS
14. AMERIGLIDE HERCULES 750 COMMERCIAL WHEEL CHAIR LIFT
15. WHEELCHAIR LIFT STRAIGHT THRU CONFIGURATION

STAMP:



REVISION

REV	DATE	DESCRIPTION

**PROPOSED EAST ELEVATION**

ISSUED BY  
MILITANA STUDIO

PROJECT NUMBER: 027 SHEET: A2.10

DRAWING DATE: 11/08/23

SCALE: 1/4" = 1'-0"

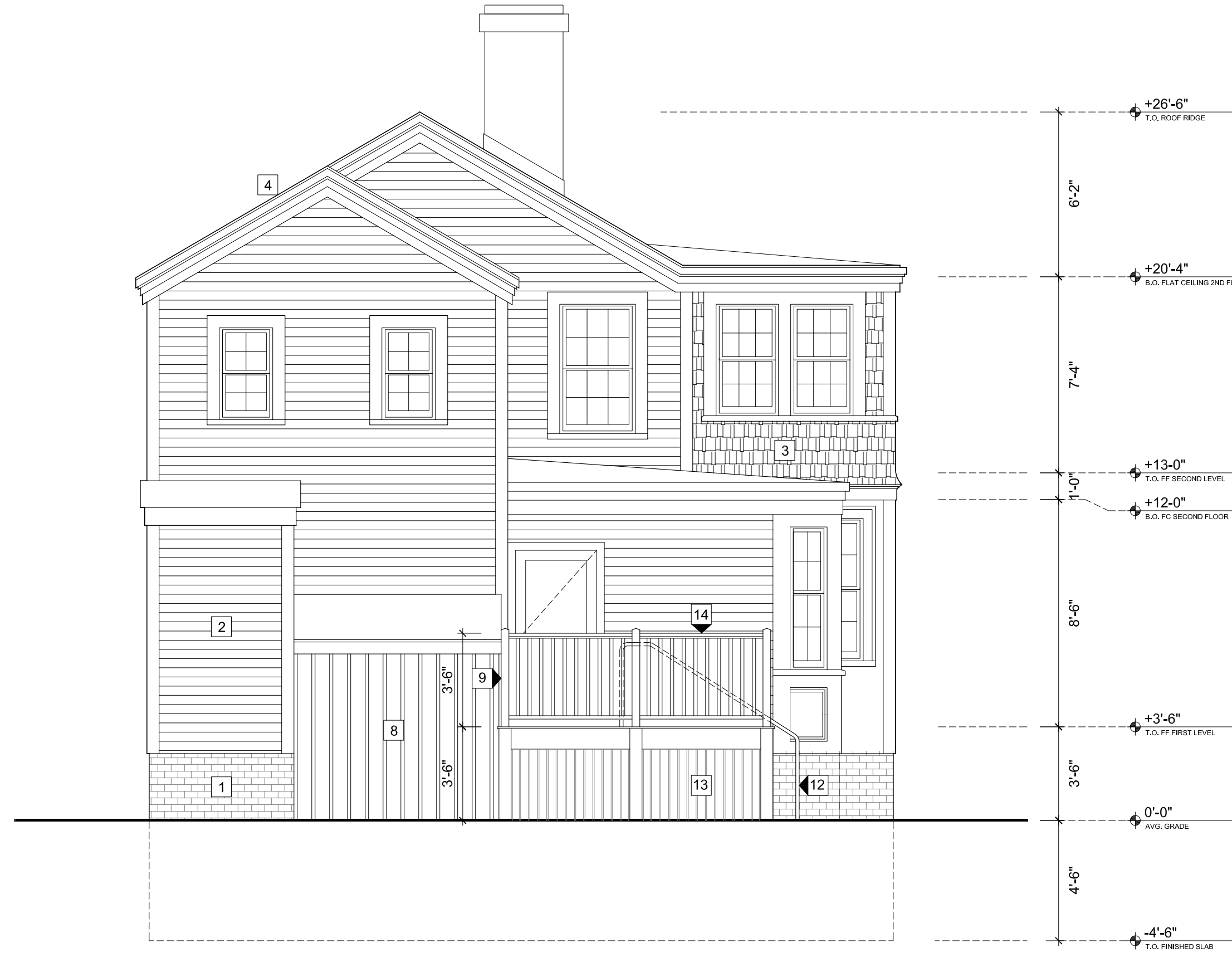
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SOMERVILLE, MA 02143

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CAMBRIDGE, MA 02139  
T: 857.274.7493

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11. PAINTED WOOD WALL TO SCREEN WHEELCHAIR LIFT
12. GALVANIZED STEEL ACCESSIBLE HANDRAIL
13. PAINTED 1X4 WOOD OR AZEK SKIRTING W/ 1X6 CORNER BOARDS
14. PAINTED 2X2 BALUSTERS W/ 1 1/2" X 2 3/4" TOP RAIL
15. AMERIGLIDE HERCULES 750 COMMERCIAL WHEEL CHAIR LIFT

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**PROPOSED SOUTH ELEVATION**

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027

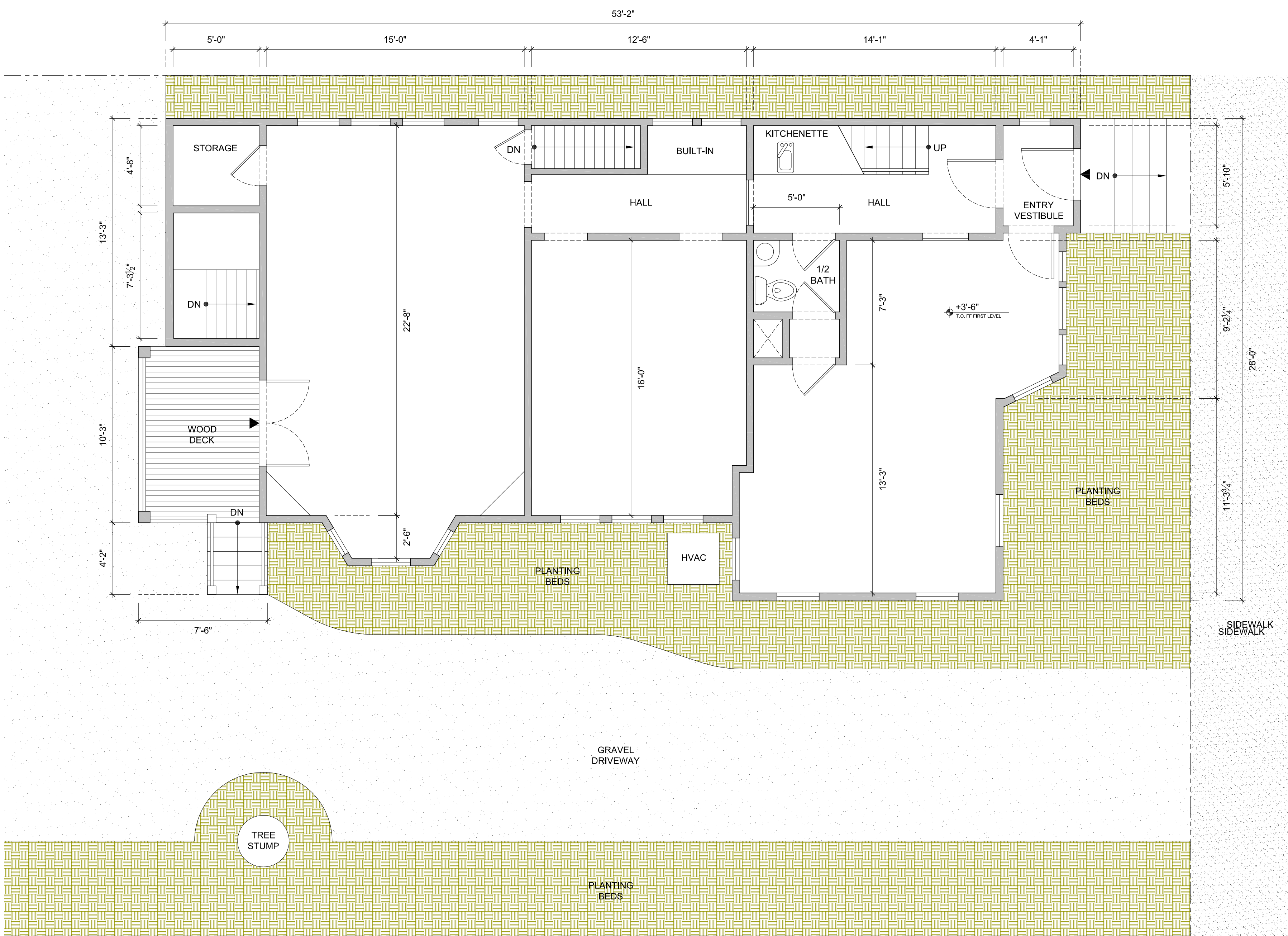
DRAWING DATE:

11/08/23

SCALE:

1/4" = 1'-0"

A2.20

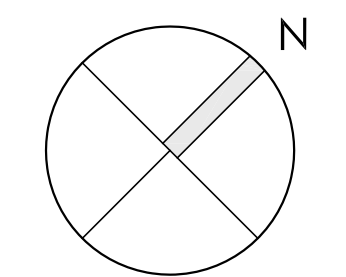


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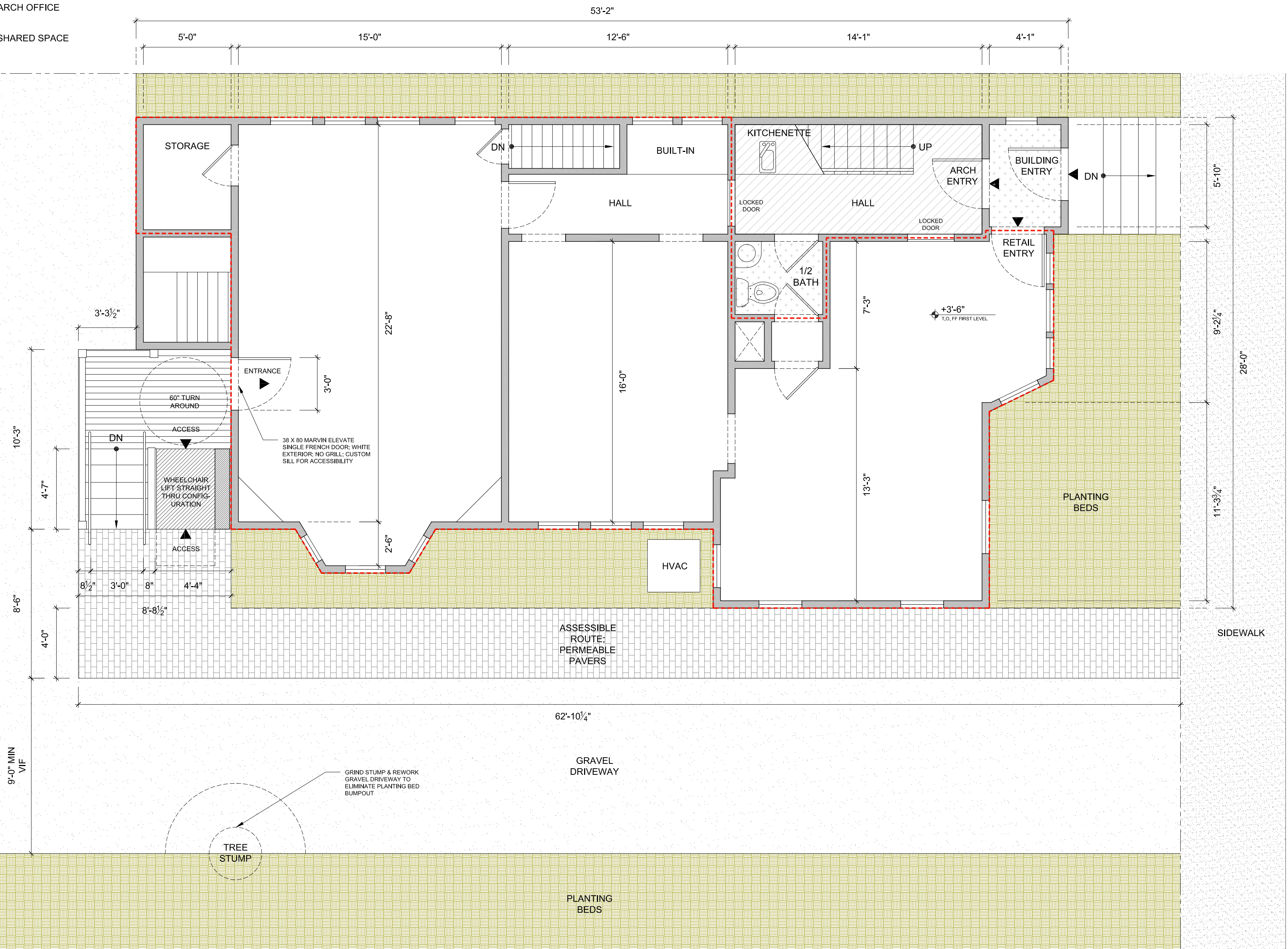
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- RETAIL SPACE
- ARCH OFFICE
- SHARED SPACE

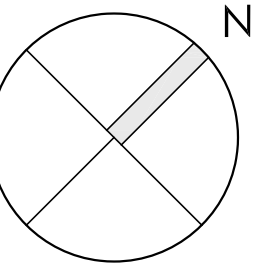


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**A1.10**



**HANOVER**<sup>®</sup>  
ARCHITECTURAL  
— PRODUCTS —

Interlocking Concrete  
Prest<sup>®</sup> Brick



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Some ideas are basic, and more often than not, the roots of the very good ones come from the past. Paving with small individual units has been successful since the Romans and has stood the test of time. The selection of Hanover's Prest<sup>®</sup> Brick sizes, colors, and textures allow endless design possibilities.

Today's architects, landscape architects and planners are rediscovering the method, redefining the procedures and incorporating them into all types of projects; residential, commercial and industrial. Modern municipal and urban areas have only emphasized the original advantages of using pavers. Hanover<sup>®</sup> Prest<sup>®</sup> Brick form a flexible pavement which is designed to work with the forces of nature.

**HANOVER<sup>®</sup>**  
**ARCHITECTURAL**  
**PRODUCTS**

**Interlocking Concrete**  
**Prest<sup>®</sup> Brick**





Tarkington Park, Indianapolis, IN; Owner: City of Indianapolis, IN; Architect: Rundell Ernstberger Associates; Size & Color: Permeable 4 1/2" x 9", Charcoal, Limestone Gray, Cream; Finish: Tudor®

**PERMEABLE 4 1/2" X 9"**

Produced with a 1/16" bevel and hidden spacers, Hanover's Permeable 4 1/2" x 9" x 3" meets standards set forth by the Americans with Disabilities Act (ADA). Minimal openings provide a comfortable walking surface while allowing for water percolation. The Permeable 4 1/2" x 9" will provide the project with 5.8% open area allowing water to be infiltrated at a rate of 7" to 8" per hour based on proper installation methods.

Sized at 4 5/8" x 9 1/4", the Permeable 4 1/2" x 9" is a true rectangle, providing the correct

size ratio to create interlock stability. Heavy low speed vehicular loads can be supported. The 4 1/2" x 9" can be produced with a Natural, Tudor®, Tumbled or Chiseled finish. It is stocked in Limestone Gray and Charcoal with a Natural finish. Hanover's full range of colors is available as a custom order.

**PERMEABLE 4 1/2" X 9"**



Office Building; Size & Color: Permeable 4 1/2" x 9" Scored, Quarry Red; Finish: Natural

**PERMEABLE 4 1/2" X 9" SCORED  
NONSTOCK ITEM**



**PERMEABLE 4 1/2" X 9" SCORED  
NONSTOCK ITEM**

Designed to be installed mechanically, Hanover's Permeable 4 1/2" x 9" Scored is perfect for large driveways, parking lots, and industrial applications. Pavers are laid layer by layer through the use of a machine increasing speed and efficiency. Each layer is composed of four different units to provide maximum interlock with a random appearance.















# HERCULES VERTICAL PLATFORM

A compact and powerful solution





# RESIDENTIAL AND COMMERCIAL VERTICAL PLATFORM LIFT

The AmeriGlide HERCULES Vertical Platform Lift is a compact and powerful lift designed for the harsh North American climates. The HERCULES model provides the user with a seamless and safe experience. A series of safety features including; emergency stop buttons, emergency lowering hand-wheel and safety detection sensors offer the peace of mind when operating the lift.

The HERCULES Vertical Platform Lift has been designed, developed and manufactured to B-613, B-355 and ASME 18.1 regulation.

More detailed information is readily available by contacting your Authorized AmeriGlide Dealer.

## EASY AND SIMPLE

With our qualified technicians, your platform lift can be installed quickly and safely.

## SEAMELSS INTEGRATION

Integration is quick and simple as a result of not needing a mechanical room, drain or overhead clearance.

## PEACE OF MIND

Manufactured in North-America, it meets CSA-B613 B355-15, ASME 17.1, ASME 18.1 giving you the peace of mind whatever the application.



# Elegance, performance and design

These standard features come on every HERCULES.  
No extra cost, just great value!

## Capacity

**1000**  
LBS

## Drive

**ACME**  
SCREW DRIVE

## Travel Speed

**12**  
FPM

## Travel

**160**  
INCHES

## MOTOR

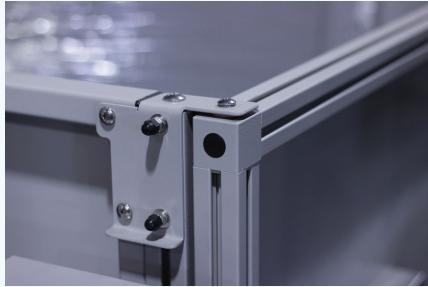
**24**  
VDC

## STANDARD FEATURES

Drive System	ACME Screw Drive
Max. Capacity	750 to 1000 lbs
Motor	1.5 HP -24 VDC
Max. Travel	Up to 160 inches
Travel Speed	12 FPM
Configurations	0 degree, 90 degree and 180 degree
Controls	Constant Pressure Rocker Switch with E-Stop
Codes & Regulations	ASME 17.1, ASME 18.1, CSA B613, B355
Equipment	Safety Underpan, Emergency Lowering Device, Galvanized Steel Platform 42" H, Emergency Alarm, Automatic Folding Ramp, Key Lock Switches, Pit Switches Continuous Pressure Rocker Switches



# Design your Hercules



## AVAILABLE OPTIONS

- |                  |   |
|------------------|---|
| Cabin & Platform | Custom cabin heights and platform sizes and configurations  |
| Travel           | Custom Travel distance ranging from as low as 44" up to 160".   |
| Controls         | Flush and surface mounts, Call posts, Top Gate Mounted, No Key, Type 455 and Type 2252 (Commercial Kit) |
| Doors and Gates  | Wide range of door and gate sizes and finishings.   |




## WARRANTY

- |            |   |
|------------|---|
| 12 Months* | 12 Month limited warranty on parts from the date of purchase. |
|------------|---|

\*Certain conditions apply. Consult your product's warranty for more details.

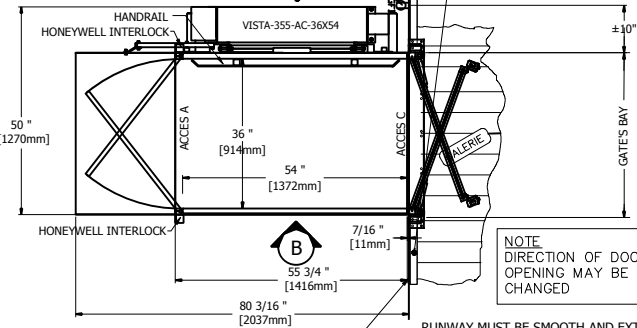
**AMERIGLIDE**

## FOR PRICING AND ORDERING

-  Email us at [info@ameriglide.com](mailto:info@ameriglide.com)
-  Call us toll free: 800-990-8268
-  Online at [www.ameriglide.com](http://www.ameriglide.com)

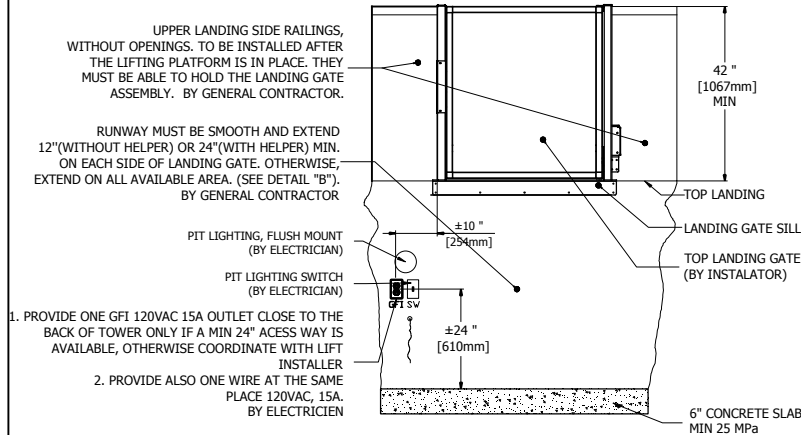
1. PROVIDE ONE GFI 120VAC 15A OUTLET CLOSE TO THE BACK OF TOWER ONLY IF A MIN 24" ACCESS WAY IS AVAILABLE, OTHERWISE COORDINATE WITH LIFT INSTALLER
2. PROVIDE ALSO ONE WIRE AT THE SAME PLACE 120VAC, 15A, BY ELECTRICIEN

UPPER LANDING SIDE RAILINGS, WITHOUT OPENINGS. TO BE INSTALLED AFTER THE LIFTING PLATFORM IS IN PLACE. THEY MUST BE ABLE TO HOLD THE LANDING GATE ASSEMBLY. (BY GENERAL CONTRACTOR)



1 Hercules 750 QS  
36x54

**NOTE**  
1. PROVIDE 100 lx MIN. LIGHTING TO THE WHOLE PLATFORM (BY ELECTRICIAN).  
2. ANY WALL LOCATED LESS THAN 12" (WITHOUT HELPER) OR 24" (WITH HELPER) AWAY FROM THE CAB MUST EXCEED THE UPPER LANDING HEIGHT BY AT LEAST 42". IT MUST BE SMOOTH (NO RECESSES OR PROTRUSIONS).



2 DETAIL A  
SIDE VIEW

**NOTE**  
LIFT NOT SHOWN FOR CLARITY PURPOSE OF THE DRAWING.

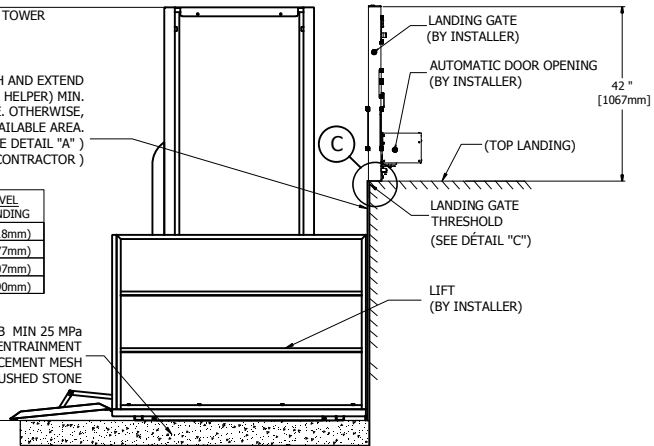
H = (SEE BOARD)  
SELF-SUPPORTING TOWER

RUNWAY MUST BE SMOOTH AND EXTEND 12" (WITHOUT HELPER) OR 24" (WITH HELPER) MIN. ON EACH SIDE OF LANDING GATE. OTHERWISE, EXTEND ON ALL AVAILABLE AREA. (SEE DETAIL "A") (BY GENERAL CONTRACTOR)

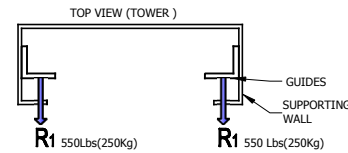
H	HEIGHT/TRAVEL LANDING/LANDING
72" (1829mm)	0 Å 44" (0 Å 1118mm)
92" (2327mm)	0 Å 66" (0 Å 1677mm)
108" (2744mm)	0 Å 79" (0 Å 2007mm)
126" (3201mm)	0 Å 99" (0 Å 2490mm)

- 6" CONCRETE SLAB MIN 25 MPa WITH 5% TO 8% AIR ENTRAINMENT  
- #9, 6"x6" REINFORCEMENT MESH  
- 12" OF 3/4" CRUSHED STONE

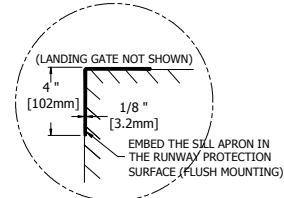
H = 0'-0" (0 mm)  
LANDING OR PIT



3 DETAIL B  
FLOOR ELEVATION

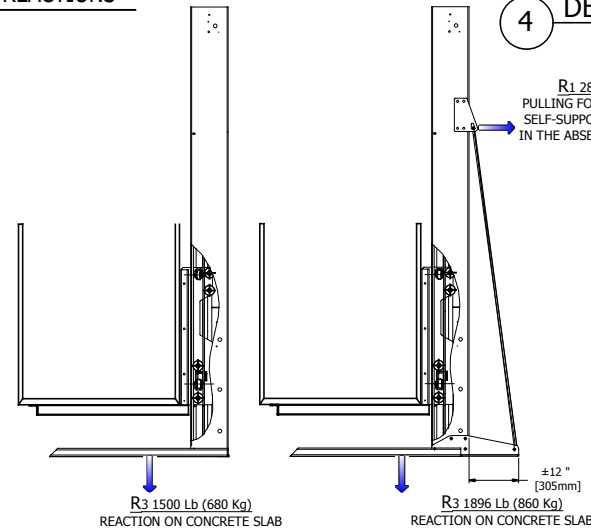


5 RAIL REACTIONS



4 DETAIL C

R1 285 Lb (130 Kg)  
PULLING FORCE IMPOSED ON A SELF-SUPPORTING STRUCTURE IN THE ABSENCE OF GUY ROPES.

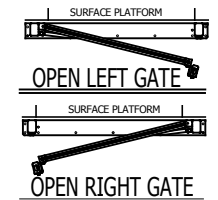


5 Hercules 750 Lb  
REACTIONS

6 Hercules 1000 Lb  
REACTIONS

HERCULES COMMERCIAL  
TECHNICAL DATA

TYPE	Outdoor use, vertical lift, open shaft
CODE	CSA/B355-09
MAX CAPACITY	One person a wheelchair or One person a wheelchair and one helper
MAX LOAD	750 lb (340 Kg)
RAIL LINEAR WEIGHT	5 lb/ft
TRACTION MACHINE	Acme screw and nut
ALIMENTATION	DC, 24 VOLT
VELOCITY	9 ft/min (0.05 m/s) *option max speed: 14 ft/min (0.07 m/s)
MAX TRAVEL	98 in (2500 mm) max.
EMERGENCY BRAKES	Bronze safety nut
CAB FINISH	See document C-02
LIFT CAB	Max floor dimensions 40 x 66 in (1018 mm x 1679 mm)
FLOOR FINISH	Anti-skid floor surface
CONTROL BUTTONS	Weatherproof control buttons
CONTOLER	BECVISZ3 (CSA/LR45147)
DOOR INTERLOCK	HONEYWELL (REALIGN) or GAL (TYPE N)



**NOTE:** FOR INFORMATION ONLY, REFER TO DOORS AND GATES DOCUMENTS P-04

**NOTE**  
-THIS ELECTRONIC DOCUMENT IS NOT SIGNED OR SEALED BY AN ENGINEER AND MAY NOT BE USED FOR CONSTRUCTION PURPOSES.  
-THIS ELECTRONIC DOCUMENT IS STRICTLY FOR INFORMATION PURPOSES (OR COORDINATION, AS APPLICABLE).  
-NO GUARANTEES ARE GIVEN ON THE INTEGRITY OF THE TRANSMITTED INFORMATION.  
-NO GUARANTEES ARE GIVEN ABOUT PAST OR FUTURE CHANGES TO THIS DOCUMENT

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General Information		
No. DRAWING Hercules Commercial	DATE: 26/01/2016	REVISION
CODE: QS	DRAFTER: M.Debusschere	No SHEET: 1/1



# Vertical Platform Lift

Installation  
Guide

  
**AmeriGlide**  
ACCESSIBILITY SOLUTIONS

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# Disclaimers and Important Information

AmeriGlide, Inc. shall not be held responsible or liable for any personal injury or property damage caused by or resulting from inappropriate operation of original product or of a product that has been modified or altered from the original Vertical Platform Lift (VPL) design. No person or company is authorized to change the VPL design without authorization and the express written consent of AmeriGlide, Inc.

## Important

Do not throw away, destroy, or lose this installation guide. The instructions included in this guide must be followed to prevent product malfunction, property damage, injury, or death to the user or other people. Incorrect operation due to ignoring instructions found in this guide can cause harm, damage, injury or death. A summary of safety precautions is found below.

For more technical materials such as drawings and specification, end user support, and manuals, visit [www.ameriglide.com](http://www.ameriglide.com)

## Warning

Read all instructions contained in this installation guide before installing the AmeriGlide VPL. It is highly recommended to observe and adhere to all governing codes and ordinances in the job site locale. This includes ensuring all work and materials comply and conform with all authorities having jurisdictions. Proper installation is the responsibility of the installer and failure to follow all instructions renders the AmeriGlide Limited Warranty null and void.

## Safety Precautions

Safety of personnel is the primary concern during all procedures. Before beginning installation, read and understand the installation guide and containing procedures carefully to ensure correct and safe installation. Use the appropriate tools and accessories during installation. Plan your work and do not work alone, if possible. Know how to obtain emergency medical and fire fighting assistance.

Be sure to follow all the precautions on the next page as they are important for ensuring safety. This installation guide classifies the safety precautions into **DANGER, WARNING, CAUTION** and **NOTE**.



**⚠ DANGER**

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

**⚠ WARNING**

Failure to follow any of WARNING is likely to result in such grave consequences as death or serious injury.

**⚠ CAUTION**

Failure to follow any of CAUTION may in some cases result in grave consequences.

**⚠ NOTE**

Provides information such as reminders and guidelines and do not fit into the preceding text.

## **Important for the Installer**

The VPL shall be installed and serviced by an authorized AmeriGlide dealer only. The authorized dealer should refer to this guide for installation and servicing. For maintenance, please refer to the Owner's Manual.

Please carefully read and follow the instructions found in this guide **BEFORE** installing and/or operating the VPL. Improper installation, adjustment, service, use or maintenance can cause personal injury or property damage. If you have any problems or need assistance please contact your dealer immediately.

## **Codes and Regulations**

The VPL has been designed to meet CSA B613/B355 and ASME 18.1 standards. Code requirements and standards for vertical platform lifts vary depending on location and region. It is the installer's responsibility to contact their local code enforcement office and determine all of the regulations they are subject to. You must do this before installing the VPL.

## Site Requirements

The VPL must only be installed on an approved pad or floor that has adequate drainage and meets local codes, standards and regulations. In addition, there must be adequate lighting and sufficient headroom above the lift. Please refer to and verify with the Technical Drawings before beginning the install.

## Electrical Requirements

The VPL requires a 110VAC-20 AMP or 110VAC-15 AMP grounded electrical circuit and a GFCI protected circuit. Depending on local codes and regulations, this connection may need to be routed in electrical conduit and hard-wired.



### WARNING

DO NOT OPERATE OR RIDE ON THE LIFT UNTIL IT HAS BEEN ANCHORED TO AN APPROVED PAD OR FLOOR.

## Installation Safety Instructions



### WARNING

To reduce the risk of fire, electric shock, personal injuries, and/or death, obey the following precautions:

- Never exceed the maximum rated lift capacity.
- Never use the VPL to lift freight or other materials than intended by design.
- Read and understand the installation guide prior to installing the VPL.
- Wear appropriate safety protection equipment for your head, eyes, hands and feet during all phases of the installation.
- Use extreme caution when lifting components into position to avoid personal injury and damage to the equipment.
- Keep panels and protective coverings in place to avoid potentially fatal injury.
- Disconnect power from the unit before performing any electrical or mechanical service operations.

- Never bypass sensor switches which prevent accidental start up when protective panels are removed.
- Be aware of the location of others in the work zone.
- Do not wear jewelry or loose clothing.
- Use only recommended anchor fasteners.
- Lock the wheels of any mobility device riding on the platform.
- Check and verify for applicable local codes and regulations.

 **NOTE**

Failure to comply the these Installation Safety Instructions could render the AmeriGlide Limited Warranty null and void. If you have any question or concerns that are not covered in this installation guide, please contact your dealer immediately.

# Prepare Your Tool Bag

## Electrical Tools



**Tester** - AC/DC Clamp On Power Meter  
(100 A dc Min)



**Impact Driver** - 1/4" Hex Drive Impact Driver



**Drill** - 1/2" Max Diam Drill with Impact  
Function to Drill Concrete

## Screwdrivers



**Philips** - (PH1) (PH2) (PH3)



**Pozidriv** - (PZ1) (PZ2)



**Tork Bo**



**Slotted** - (0.4 X 2.5) (0.6 X 3.5)  
(0.8 X 4.0) (1 X 5.5)



**Hexagon** - (3MM) (3/32") (7/64")  
(1/8") (9/64") (5/32") (3/16")  
(7/32") (1/4")



**Square** - (#1) (#2) (#3)

## 1/4" Drive Hex Bits



**Philips** - (PH2) (PH3)



**Square** - (#2)



**Extension**



**Adapter** - 1/4" Hex Shank to 3/8"  
socket Square drive

## Ratchet



**1/4" DR X 5" LONG**



**1/2" DR X 8" LONG**



**3/8" DR X 7" LONG**

## 1/4" Drive Hex Socket



**Hexagon** - (13MM)

## 3/8" Drive Hex Socket



**Hexagon** - (7/16") (1/2") (9/16")

## 1/2" Drive Hex Deep Socket



Hexagon - (9/16") (3/4")

## Drill Bits and Taps



**Drill Bits** - (9/64") (5/32") (13/64")  
(17/64") (5/16") (3/8")



**Concrete Drill Bit** - (1/4") (3/8")



**Taps** - (8-32) (10-24) (1/4-20)  
(5/16-18) (3/8-16)



**Taps Holder** - Tap Holder or Driver  
Attachment for Drill



**Punch Set** - Kit

## Dolly



## Hand Tools



**Hammer** - 16 Oz. Min hammer



**Pry Bar**



**Rubber Mallet** - 16 Oz. Min Rubber  
head mallet



**Utility Knife** - Snap Off Utility Knife  
25mm Blade



**Tape Measure** - 16' Min



**Bubble Level** - 48" Beam Aluminum  
Bubble Level



**Plumb Bob** - 8oz Brass Plumb Bob

**Zip Ties** - (12")

## Pliers



**Long Nose** - 6"



**Stripper** - #10-22 AWG



**Crimper** - #10-22 AWG (insulated and  
non-insulated terminals)



**Fuse Puller**



**Retaining Ring** - 8" Steel Retaining  
Ring Pliers

# Installing the Vertical Platform Lift

## Step 1: Verify the job-site requirements.

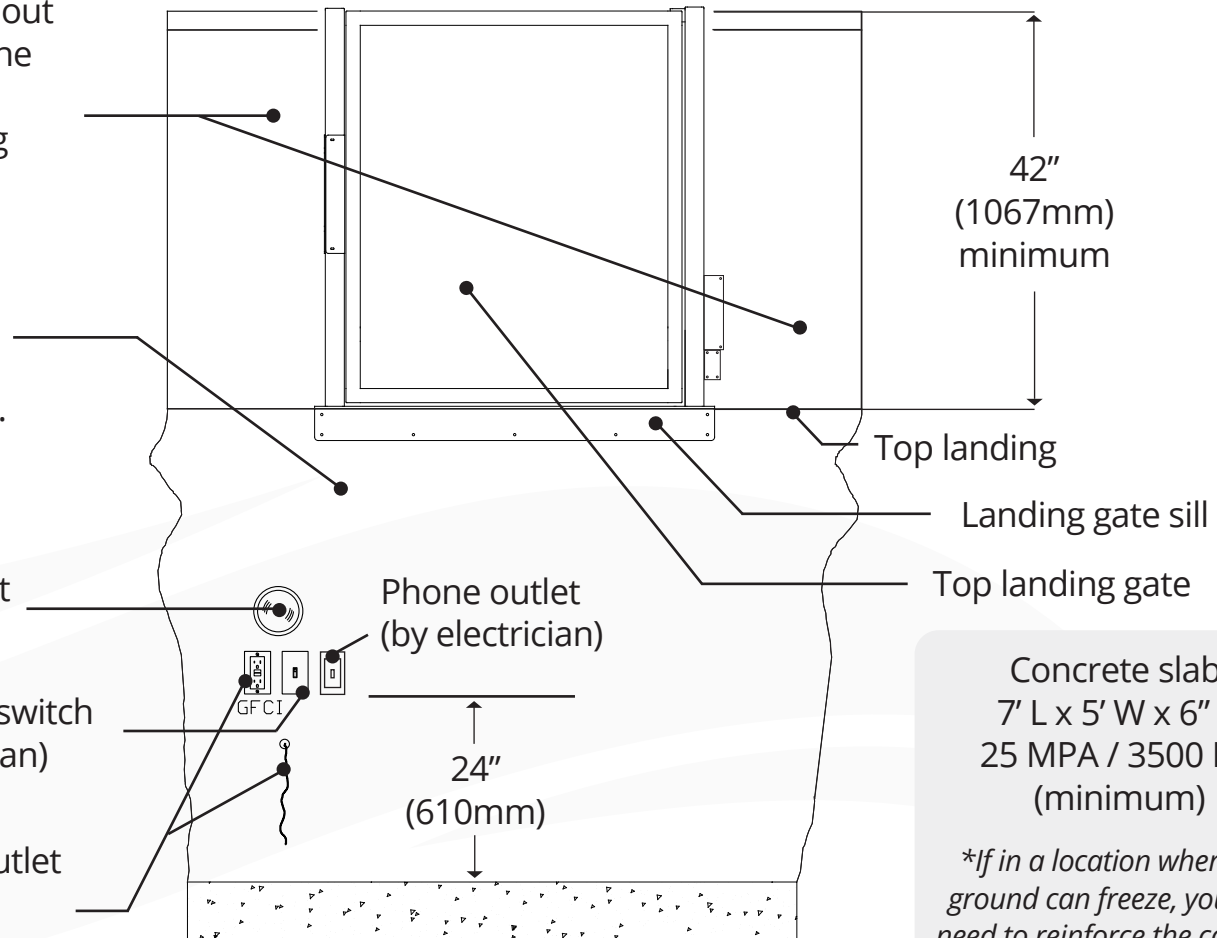
Upper landing side railings, without openings. To be installed after the lifting platform is in place. They must be able to hold the landing gate assembly.

Runway must be smooth and extend 12" (help free) for 24" (with help) minimum on each side of landing gate. Otherwise, extend on all available area.

Pit lighting, flush mount (by electrician)

Pit lighting switch (by electrician)

1. Provide one GFI 120VC 15A outlet close to the back of tower only if a minimum of 24" access way is available, otherwise coordinate with lift installer.



Concrete slab:  
7' L x 5' W x 6" D  
25 MPA / 3500 PSI  
(minimum)

*\*If in a location where the ground can freeze, you may need to reinforce the concrete slab. Please refer to the technical drawings.*

# Job Site Preparation

## What You'll Need:

- **Electrical:** 120v/20a outlet (do not connect supply through the GFCI outlet)
- Concrete slab 5 x 7 x 5"
- Protection wall / flush – smooth / no pinch points



## Step 2: Inspect the crate

- A. Look for damages
- B. Open box and make sure you have all parts

## Parts Included:

- 2 U1 batteries (if DC unit)
- 1 box: folding ramp arm, bolts, touch up paint, labels, guides, bolts
- 1 installation kit (box)
- Folding ramp, 2 guard-panels, floor, under pan, top cover, car sling, top gate / interlocks / call stations (if applicable)



Standard 64" model



97 x 49 x 49  
inches  
1,000 lbs

## Step 3: Position the platform tower

- A. Bring the tower on the concrete slab with a dolly

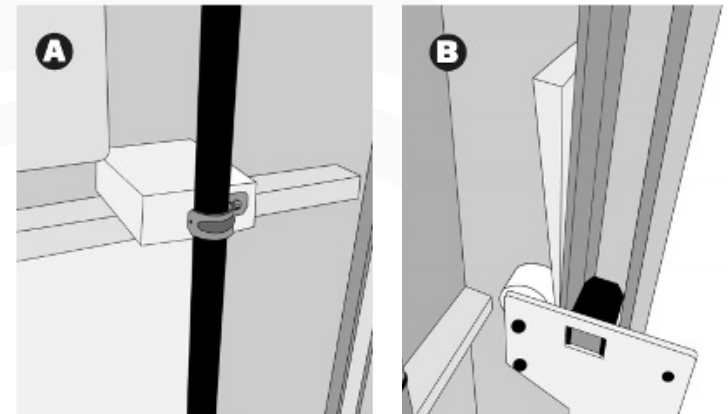


If you have an extended VPL model please refer to the **Extended VPL Tower Guide** on page 25.

- B. Raise the tower and place it in its approximate position. (**PRO TIP:** you can also use steel bars as rollers, a pry-bar and mallet, or walk the tower corner to move easily the platform on the concrete slab See image Step #15)
- C. **DO NOT ANCHOR THE TOWER YET\*\*\***

## Step 4: Remove the shipping blocks and fasteners

▲ Remove the tower front panel cover to gain access to the inside of the tower.

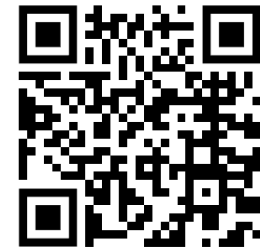




## Step 5: Attach the car sling to the tower

- A. Bolts are already on the car sling (unscrew and screw)
- B. **IMPORTANT:** Use the same bolt combination that is already on car sling
- C. **DO NOT tighten the bolts yet.\*\*\***

How to Attach the Car Sling  
(1:50 - 3:00)



<https://youtu.be/nhnZ1rhT9a0>

Scan to watch!

more videos can be found at  
[youtube.com/ameriglide](https://www.youtube.com/ameriglide)

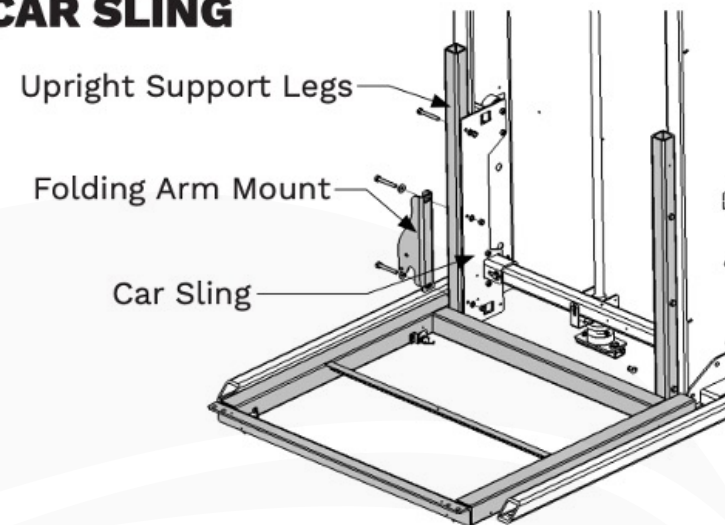
### 4.1 MOUNT CAB SUPPORT LEGS TO CAR SLING

#### MATERIALS

Hardware is already attached to the Upright Support Legs, keep the same bolt order and configuration when installing.

#### INSTALL

1. Align the Upright Support Legs with the Car Sling.
2. Align the Car Sling mounting holes with those of the Upright Support Legs.
3. Using the same bolt configuration, attach together the Upright Support Legs & Folding Ramp Mount with the Car Sling.



## Step 6: Secure the travel cable and the under-pan cable

- A. Fix the travel cable on the side of the car sling (as shown below)



- B. Fix the under-pan wire in the corner of the roller arm and secure with a zip-tie.

## Step 7. Lift the car sling slightly off the ground with the hand crank, and then tighten the bolts

## Step 8: Install the platform floor centered on the car sling

### Securing the Travel Cable (1 minute)

[https://youtu.be/Qp\\_hAtRwBK4](https://youtu.be/Qp_hAtRwBK4)

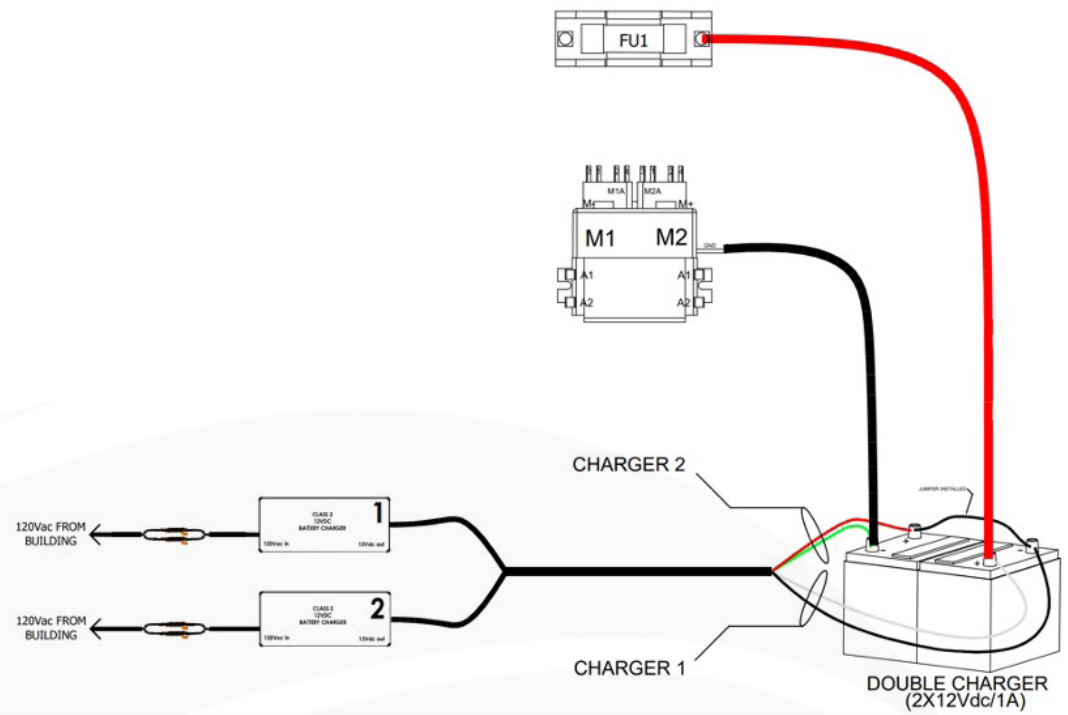
**Scan to watch!**

more videos can be found at  
[youtube.com/ameriglide](https://youtube.com/ameriglide)



## Step 9: Connect the batteries (If you have an AC model, jump to Step 13)

- A. Wiring scheme available by scanning QR code



## Step 10: Once the batteries are wired

- A. Plug in the platform power plug, make sure all emergency stops are pulled (COP & side of tower), make sure call stations and COP keys are turned on and the platform should now move up and down.

## Step 11: If the platform does not move: Perform the startup (safety) conditions

- A. Follow the startup condition points, and when the voltage drops, that's where your problem is.
- B. QR code to access the troubleshooting guide (side of the tower).

### VPL Troubleshooting Guide



Scan to read!

### Checking the Safety Pan Circuit (4 minutes)



<https://youtu.be/yLsmwLHwa5s>

Scan to watch!

more videos can be found at  
[youtube.com/ameriglide](https://www.youtube.com/ameriglide)

### Time Stamp for Checking the Safety Pan Circuit

<b>0:10</b>	Tools Required	<b>5:48</b>	P5 F.O. Switch Connections
<b>0:20</b>	P1 Accessing Internal Components	<b>7:21</b>	P6 Emergency Stop
<b>2:35</b>	P2 Testing Main Fuse	<b>9:35</b>	P7 i1 Jumper Voltage
<b>4:00</b>	P3 Testing the Breaker	<b>10:18</b>	P8 Gate Interlock and Usage
<b>5:09</b>	P4 Testing Limit Switch Connections	<b>11:56</b>	P9 Safety Pan Circuit

# Step 12: Run the platform a few inches up then down to verify functionality

## Step 13: Attach exterior wall

- A. Tighten with impact gun and torque after with a hand wrench.
- B. Follow installation guide for more details

Mount the Exterior Guard Panel  
(7:46 - 8:38)



<https://youtu.be/YuMiRKLnROA>

**Scan to watch!**

more videos can be found at  
[youtube.com/ameriglide](https://youtube.com/ameriglide)

### 4.4 MOUNT EXTERIOR GUARD PANEL

#### MATERIALS

- 4 Hex Bolts (3/8" X 1 1/2")
- 18 Flat Washers (3/8")
- 4 Split Lock Washers (1/4")
- 4 Nylon Nuts (3/8")

#### INSTALL

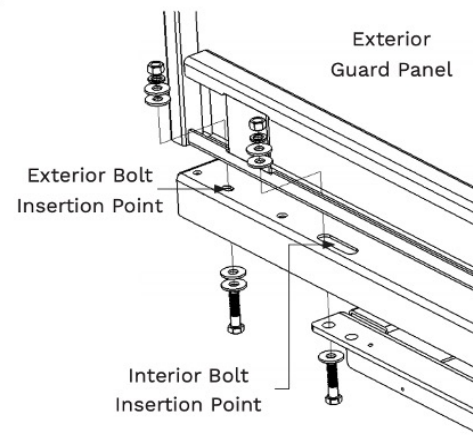
1. Using 1 Hex Bolt (3/8" X 1 1/2"), 4 Flat Washers (3/8"), 1 Split Lock Washer (1/4") and 1 Nylon Nut (3/8") attach the Exterior Guard Panel at the Exterior Bolt Insertion Point.
2. Using 1 Hex Bolt (3/8" X 1 1/2"), 3 Flat Washers (3/8"), 1 Split Lock Washer (1/4") and 1 Nylon Nut (3/8") attach the Exterior Guard Panel at the Interior Bolt Insertion Point.
3. Repeat steps 1 & 2 on the other side of the Exterior Guard Panel.

#### ⚠ CAUTION

Keep the same hardware configuration as shown in the image.

#### ⚠ IMPORTANT

For anti-corrosion models, use 3 flat washers on top and 4 below.



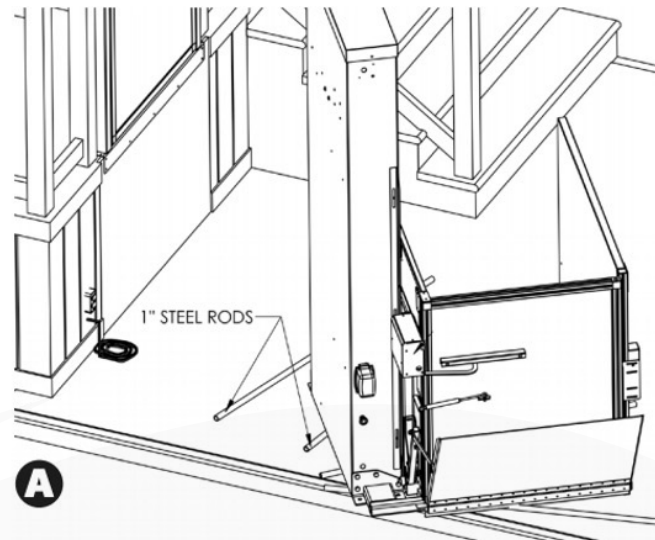
## Step 14: Final placement of the tower

- A. Refer to local codes to determine the gap space between the end of the platform and the edge of the top landing. (Standardly will be within  $\frac{3}{4}$  of an inch from the landing wall)

### 5.3 POSITION THE LIFT

#### INSTALL

1. Lay 1-inch steel rods into position.
2. Roll the lift onto steel rods **A**.
3. Using the pry bar, gently maneuver the lift to the proper orientation for the cab type.
4. Slide the lift into position using the steel rods as rollers. Align the lift with Upper Landing Gate **B**.



## Step 15: Level the tower

- A. Use a level and shims to level the tower (we supply stainless steel shims in the installation kit)
- B. Check the platform, both legs and both sides of the tower to ensure it is leveled.
- C. After leveling double check the platform gap (running clearance) to be sure it has not moved. Adjust if necessary.

# Step 16: Anchor the platform to the concrete slab

- A. Drill the 6 holes with a hammer-drill.
- B. Place the lag bolts in the holes and hammer them down, but DO NOT tighten them yet (Use the supplied Cobra concrete anchors)
- C. Perform a final verification that the platform gap is the same and that the tower is still level.
- D. Tighten the 6 lag bolts in a star pattern.

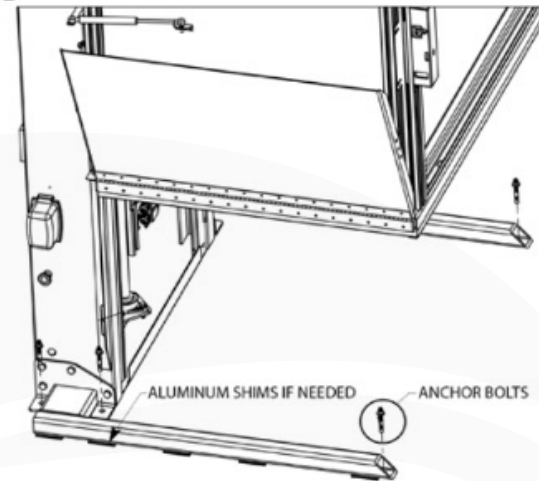
## 5.7 ANCHOR THE LIFT TO THE PAD OR FLOOR

### MATERIALS

- 3/8" Concrete Drill Bit
- 6 Anchor Bolts
- Aluminum Shims
- Pry Bar

### INSTALL

1. Position the lift into its final location.
2. Verify that the lift is positioned properly and according to the site's drawing plan. Verify that the lift is level and shim if necessary.
3. Drill 6 holes into the floor/pad, using the lift's anchor points as a template.
4. Verify that the drilled holes are proper size to accept the Floor Anchors.
5. Drive anchors into the foundation.
6. Secure the lift in place by tightening the Floor Anchor bolts to 25ft-lb



### ⚠ WARNING

Dust or debris may have settled into the freshly drilled holes. Clean out the holes to ensure the Floor Anchors set correctly.

### ⚠ CAUTION

Verify the maximum landing clearance between the platform and the protection wall. In Canada - HERCULES DC B613(RESIDENTIAL) : maximum clearance of 1" and HERCULES DC B355 (COMMERCIAL) : maximum clearance of 1/2" . In the USA shall not be less than 0.375" (10mm) nor more than 0.75" (20mm)

# Step 17: Set the upper and lower landing switches

- A. Platform must stop on the limit switches for both top and bottom landing. That's what unlock the gates / interlocks.

Upper Landing  
Switch Adjustment  
(2 minutes)



<https://youtu.be/FTEqSizFR4o>

Scan to watch!

more videos can be found at [youtube.com/ameriglide](https://youtube.com/ameriglide)

# Step 18: Install and wire call stations

- A. Plug into the 3-pin quick connector (see right for the platform panel box)



- B. pass the wires inside the conductors. This protects the wires and avoid potential shorts.



### 5.9 INSTALL LOWER LANDING CALL STATION

**MATERIALS**

- Lower Landing Call Station
- 4 Tapcons 1/4 inch X 1 3/4 inch (If applicable)

**INSTALL**

1. Wire according to the provided Electrical Diagram(s).
2. Mount or fix the Call Station to the floor or pad with 4 Tapcons when applicable.
3. The Lower Landing Call Station wires must be protected and/or anchored to the ground or buried.

**▲ DANGER**

In the event that the Lower Landing requires a custom door or the door is being providing by an installer/client, Remove the Jumper Cable (CN16, 15-16) on the Cab COP 16-PIN Terminal Block (**NOT ON THE TOWER CONTROLLER**).

## Install Lower Landing Call Station (7:20 - 7:45)

<https://youtu.be/YuMiRKLnROA>

Scan to watch!

more videos can be found at [youtube.com/ameriglide](https://youtube.com/ameriglide)





## Step 19: Install and wire the upper landing gate

- A. Align the gate with the platform opening to avoid pinch points.
- B. Connect the gate & interlock wire quick connectors into the platform controller quick connectors.
- C. **TIP:** Run the wires in conduits to protect them and avoid potential issues in the future.
- D. Fix the supplied "L" brackets on each side of the gate to secure and stabilize the gate to ensure proper operation of the interlock.  
*(see image on the right)*

### Gate and Interlock Adjustments (3 minutes)

<https://youtu.be/HDuXYiwdT64>

**Scan to watch!**

more videos can be found at  
[youtube.com/ameriglide](https://www.youtube.com/ameriglide)



## Step 20: Adjust the interlock

- A. Both gate posts must be anchored and level.
- B. Once posts are steady and straight, adjust the latch to enter the dead center of the interlocks latching hole and tighten into place.
- C. Then, insert the latch inside the interlock until it locks.

**\*Note:** there are 2 micro-switches inside the interlock they both must be released non-activated) or the unit to run!

### Installing the Interlock in the Door Frame (2 minutes)

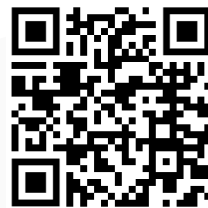


<https://youtu.be/Fd74uuFZ5pY>

**Scan to watch!**

more videos can be found at  
[youtube.com/ameriglide](https://www.youtube.com/ameriglide)

### Surface Mounting an Interlock for Customer's Door Supplied (2 minutes)



<https://youtu.be/JAlsWFpr83c>

**Scan to watch!**

more videos can be found at  
[youtube.com/ameriglide](https://www.youtube.com/ameriglide)

### Unlocking a Stuck Interlock (1 minute)



<https://youtu.be/CQfH9VsYJnA>

**Scan to watch!**

more videos can be found at  
[youtube.com/ameriglide](https://www.youtube.com/ameriglide)

## Step 21: Attach the folding ramp control arm and the ramp

- A. Then move platform to ensure it functions properly. Make any adjustments necessary.
- B. Be careful not to put weight on it while it is folding. It'll brake it.

Folding Ramp Adjustment  
(2 minutes)



<https://youtu.be/JeCicf6ucg0>

**Scan to watch!**  
more videos can be found at  
[youtube.com/ameriglide](https://youtube.com/ameriglide)

## Step 22: Install facade panel (tower front wall) and top cover

- A. Plug into the 3-pin quick connector (see right for the platform panel box)

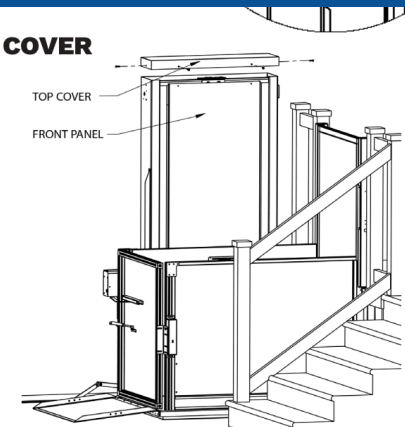
### 5.12 REINSTALL FRONT PANEL AND TOP COVER

#### INSTALL

1. Place Front Panel and Top Cover into position. Be careful to **NOT** damage the Underpan Flat cable and the Interlock wire at the bottom when lowering the Front Panel.
2. Using 4 x Screws, fasten both the Front Panel and Top Cover.

#### ▲ DANGER

Be careful to **NOT** damage the Underpan Flat cable and the Interlock wire at the bottom when lowering the Front Panel.



## Step 23: Attach COP into the interior guard panel

- A. Secure the travel cable to the interior panel with a zip-tie.
  - a. Pulling traveling cable towards the COP cover and zip-tie tightly.
  - b. Fit the rest of the traveling cable under the COP cover.

## Step 24: Attach the under-pan under the platform

- A. Make sure each micro-switch is adjusted downward. (4x)
- B. The switches shall only click when under-pan is pushed up.

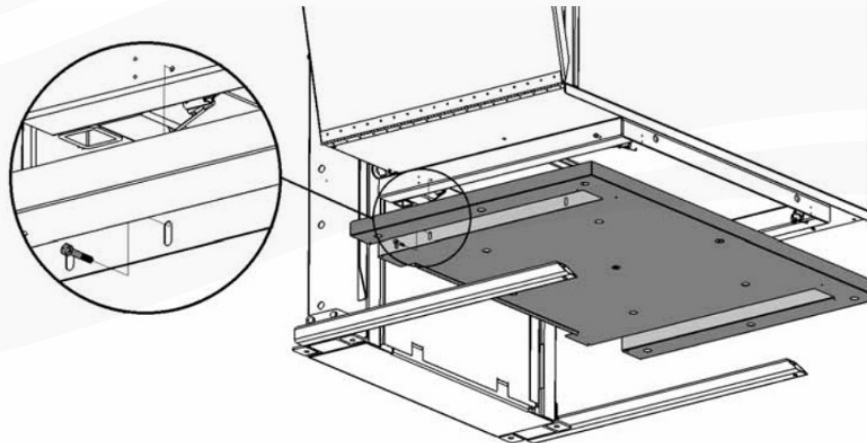
### 4.5 ATTACH SAFETY UNDERPAN

#### MATERIALS

- 4 Hex Bolts (1/4"-20 x 1 1/2")

#### INSTALL

Attach one side of the Safety Underpan using 2 Hex Bolts (1/4"-20 x 1 1/2"). Repeat this step on the other side of the Safety Underpan.



Install the Interior  
Guard Panel  
(10:24 - 12:59)



<https://youtu.be/YuMiRKLnROA>

Scan to watch!

more videos can be found at  
[youtube.com/ameriglide](https://youtube.com/ameriglide)

Under Pan  
Installation  
(9:05 - 9:38)



<https://youtu.be/YuMiRKLnROA>

Scan to watch!

more videos can be found at  
[youtube.com/ameriglide](https://youtube.com/ameriglide)

## **Step 25: Attach all stickers/labels in appropriate place**

## **Step 26: Instruct the customer on safe operation of the lift**

- A. Safe operations of the lift.
- B. Who/how to call for service and the information needed for service.
- C. Emergency lowering device.
- D. How to unlock gate interlock with the override key
- E. Beeping alarm = estop engaged
- F. Recommend to leave the unit 24" above the ground during winter to avoid it freezing to the ground
- G. Always let the power supply on otherwise you will dry the batteries.

# Extended Tower Installation Guide

If you have an extended VPL model, please refer to this guide. Make sure to read this guide carefully to ensure correct installation.

For residential and Commercial applications

# Step 1: Remove Drive Motor

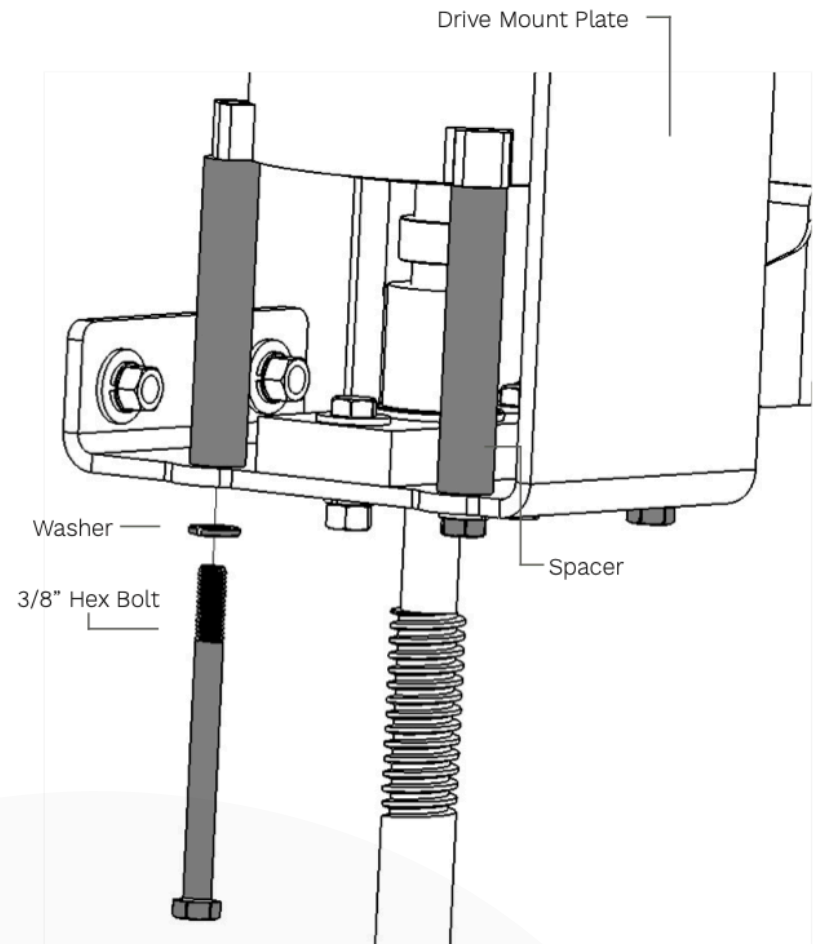
## Procedure

Unmount the Drive Motor

## Install

- A. Unfasten the 4 Hex Bolts, 4 Washers and 4 Spacers
- B. Remove the Drive Motor and set aside

**IMPORTANT**  
ENSURE TO KEEP THE SAME BOLT  
CONFIGURATION FOR REMOUNTING THE DRIVE  
MOTOR IN STEP 8.



# Step 2: Position Lower Tower and Install Back Panel

## Materials

- Lower Back Panel
- Truss Phillips Screws

## Procedure

Place the Lower Tower near to it's final position and install the Back Panel

## Install

1. Slide the Lower Tower near it's final position. **Be sure to leave room behind the Lower Tower so that you can access it from the back.**
2. Align and fasten the Lower Tower Back Panel using Truss Phillips Screws (10/24 X 3/4").

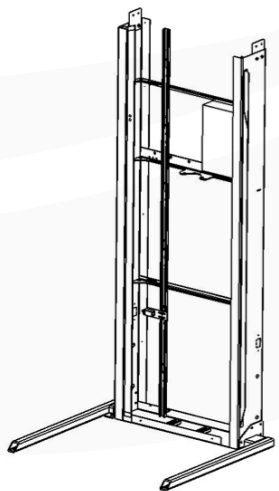


FIG 1. LOWER TOWER

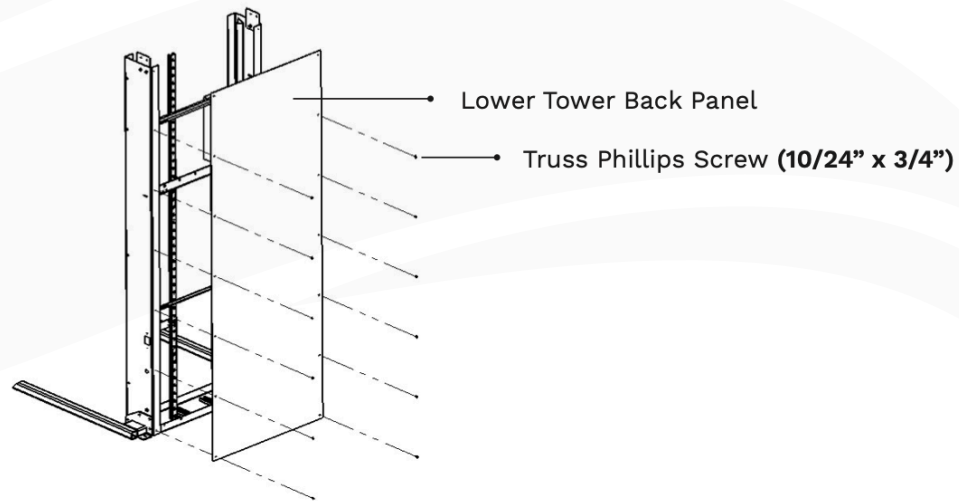


FIG 2. LOWER TOWER BACK PANEL



# Step 3: Mount and Fasten Upper Tower

## Materials

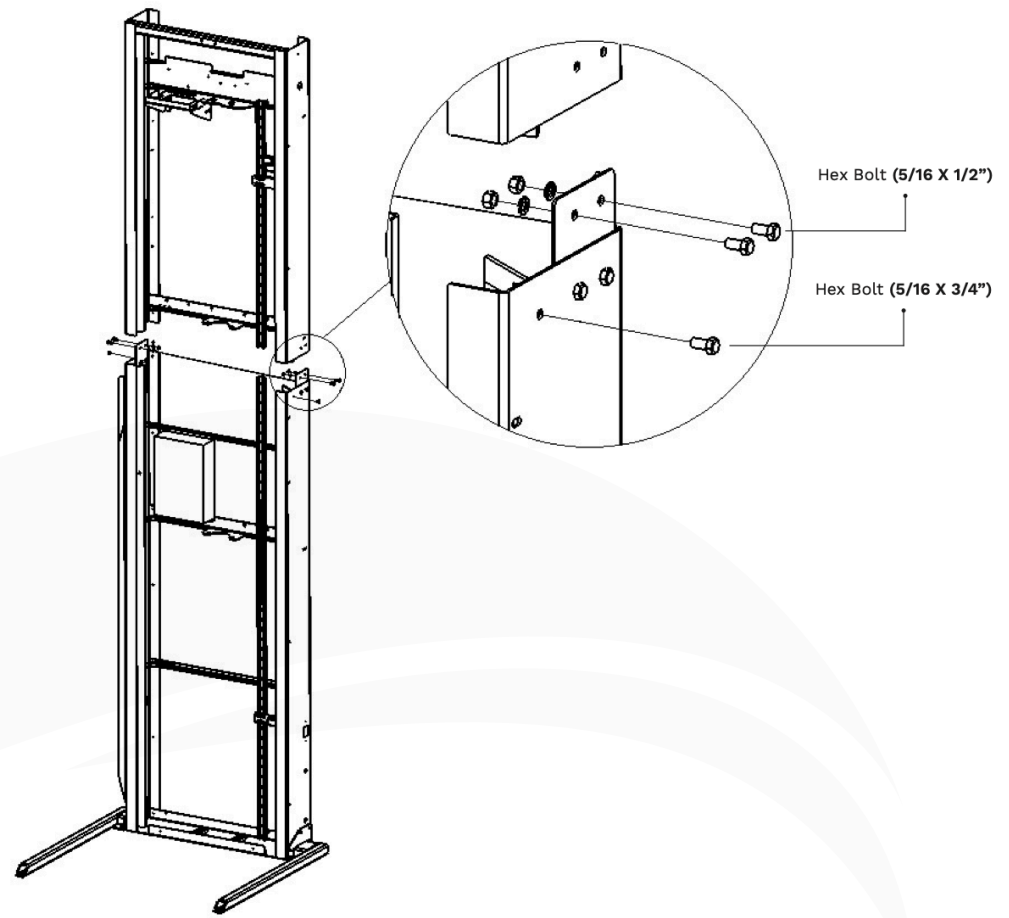
- Upper Tower
- 2 Hex Bolt (3/8 X 3/4")
- 4 Hex Bolts (5/16 X 1/2")
- Folding Ramp Cam Joint and Hardware

## Procedure

Mount and fasten the Upper Tower on top of the Lower Tower.

## Install

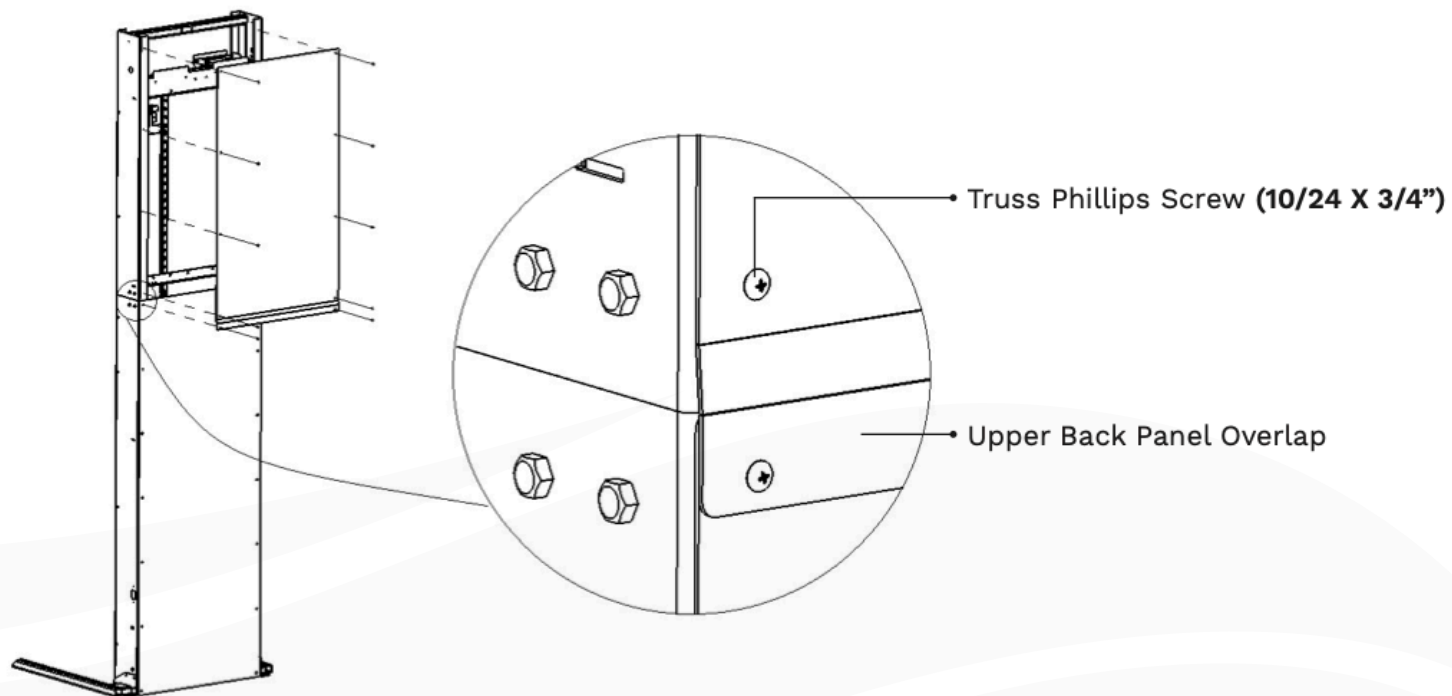
1. Align and slide the Upper Tower on top of the Lower Tower.
2. Fasten the Upper and Lower Tower together using 2 Hex Bolts (5/16 X 1/2") and 1 Hex Bolt (3/8 X 3/4") on each side of the Tower.
3. Install and fasten the Folding Ramp Cam Joint using 2 Hex Bolts (5/16 X 1"). Hardware is already attached to Angled Iron Bar.



## Step 4: Install Upper Back Panel

### Install

1. Align and fasten the Upper Back Panel using Truss Phillips Screws (10/24 x 3/4").
2. Slide the **EXTENDED** Vertical Platform Lift into it's final position.



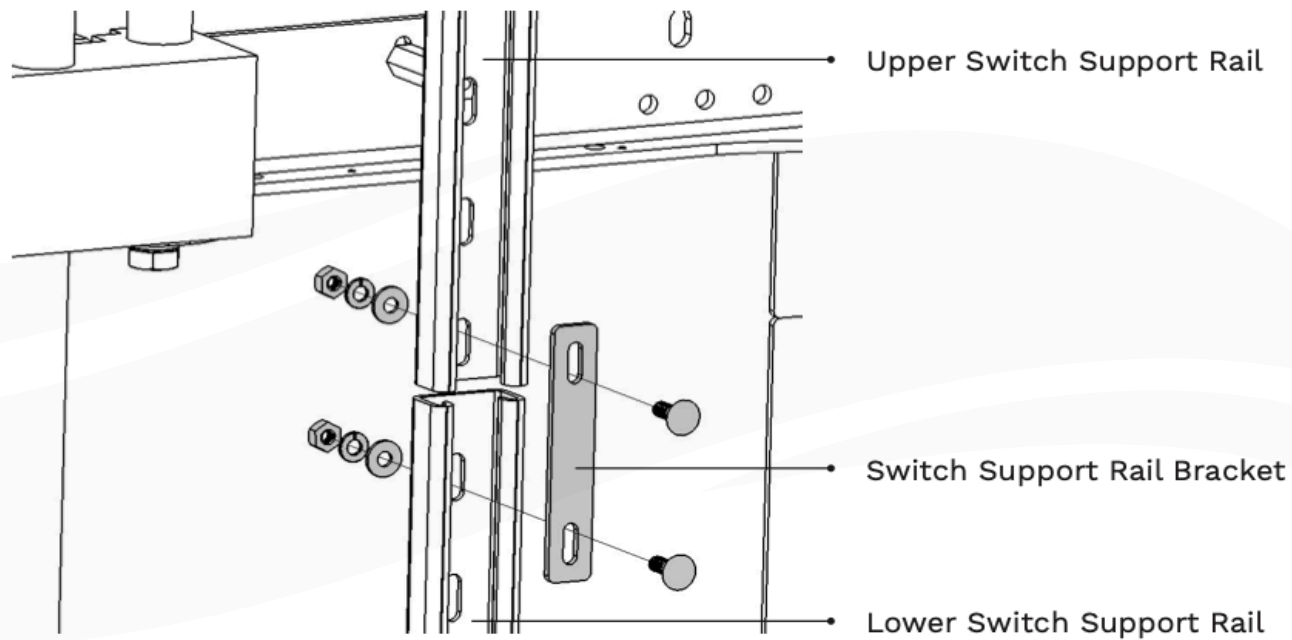
# Step 5: Connect Limit Switch Support

## Procedure

Fasten together the Upper and Lower Switch Support Rails.

## Install

1. Connect and fasten the Upper and Lower Switch Support Rails using provided hardware and bracelet.
2. Loosen Upper Limit Switch Assembly and unroll the cable. Slide and fasten the Upper Limit Switch into position for later installation and calibration.



# Step 6: Install Acme Screw Rod

## CAUTION

USE TWO PEOPLE WHEN HANDLING AND INSTALLING THE ACME ROD. BE CAREFUL NOT TO BEND THE ACME ROD. ANY FLEXING OF THE ACME ROD WILL RENDER THE ROD UNUSABLE.

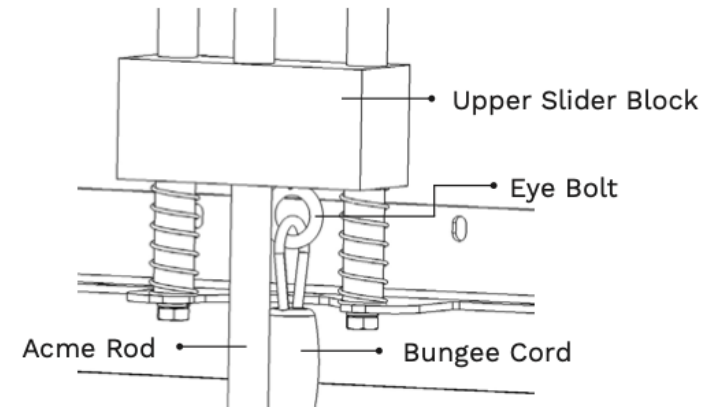
## Procedure

Install and fasten the Acme Screw Rod.

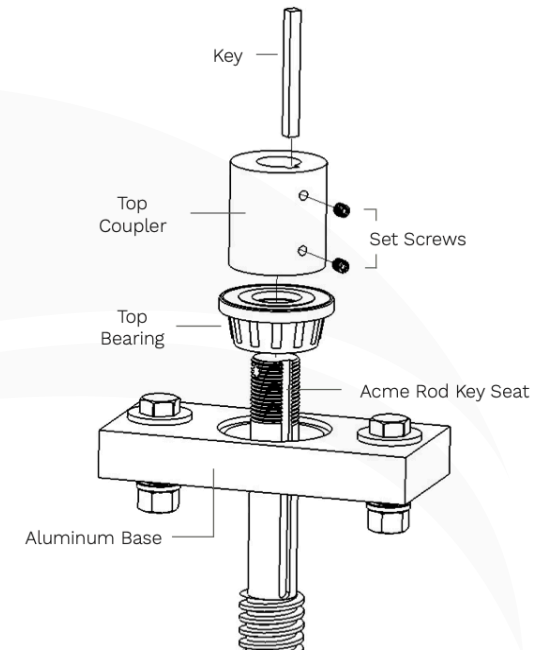
## Install

1. Place the Top Bearing into the Aluminum Base.
2. Position the Upper Slide Block to its uppermost position.
3. Using **TWO PEOPLE**, slide the Acme Screw Rod through the bottom of the Upper Slide Block Assembly.  
**DO NOT BEND OR ALLOW ANY FLEX OF THE ACME SCREW ROD.**
4. Continue sliding the Acme Screw Rod through the bottom of the Aluminum Base and Bearing.
5. While holding the Acme Screw Rod, screw on the Top Coupler all the way down, until the Key Seats of the Top Coupler and Acme Screw Rod align. (It's OK if you have to "Back Screw" the Top Coupler to align the Key Seats).

## Upper Slider Block Full Assembly



## ACME ROD UPPER ASSEMBLY



6. Thread the Acme Screw Rod

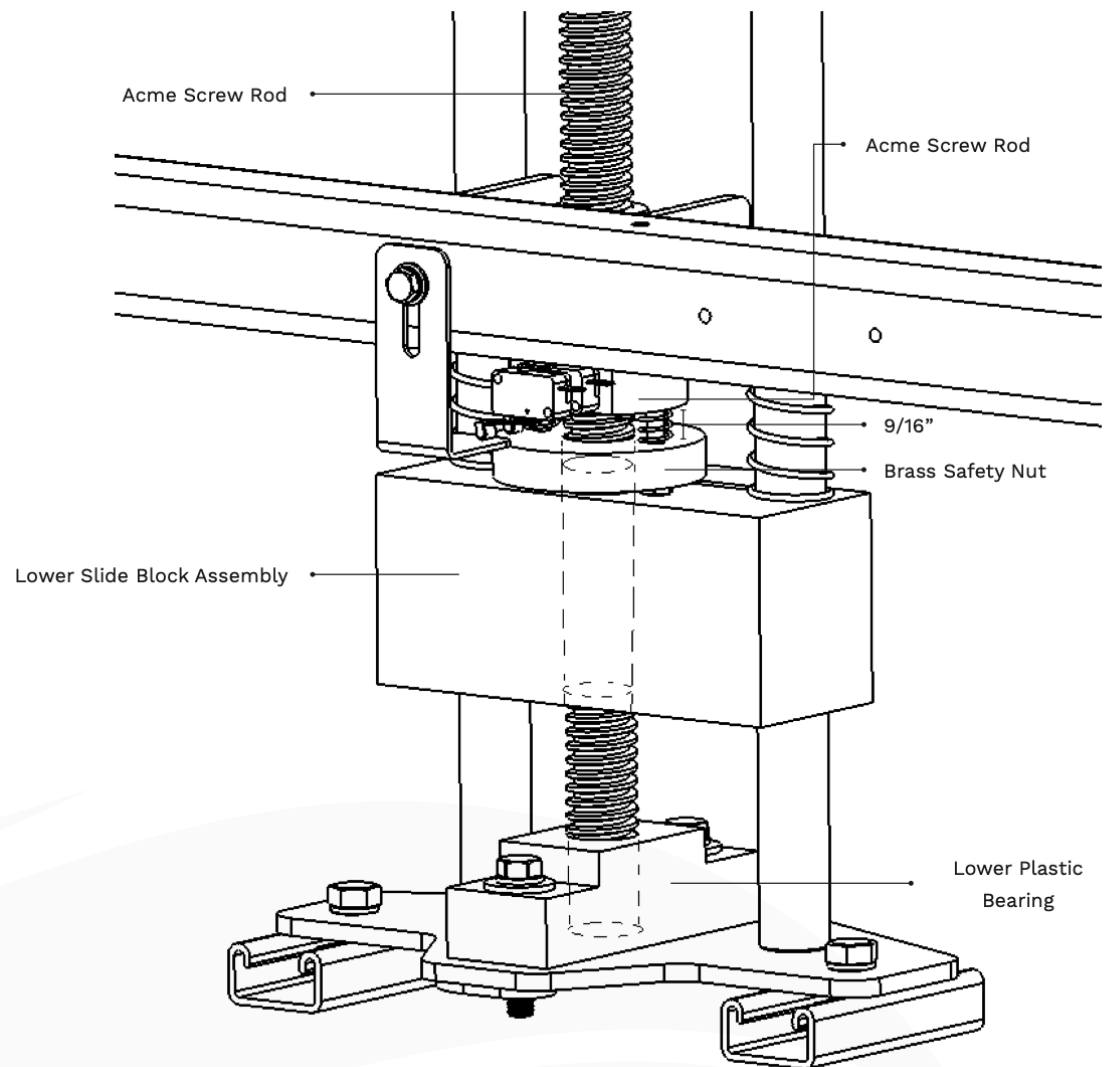
through the Plastic Acme Nut. **DO NOT BEND OR ALLOW ANY FLEX OF THE ACME SCREW ROD.**

7. Continue threading the Acme

Screw Rod through the Plastic Acme Nut, Brass Safety Nut, the Lower Slider Block and into the Lower Plastic Bearing.

8. Ensure the width between

the Bottom of the Plastic Acme Nut and the Top of the Brass Safety Nut is 9/16".



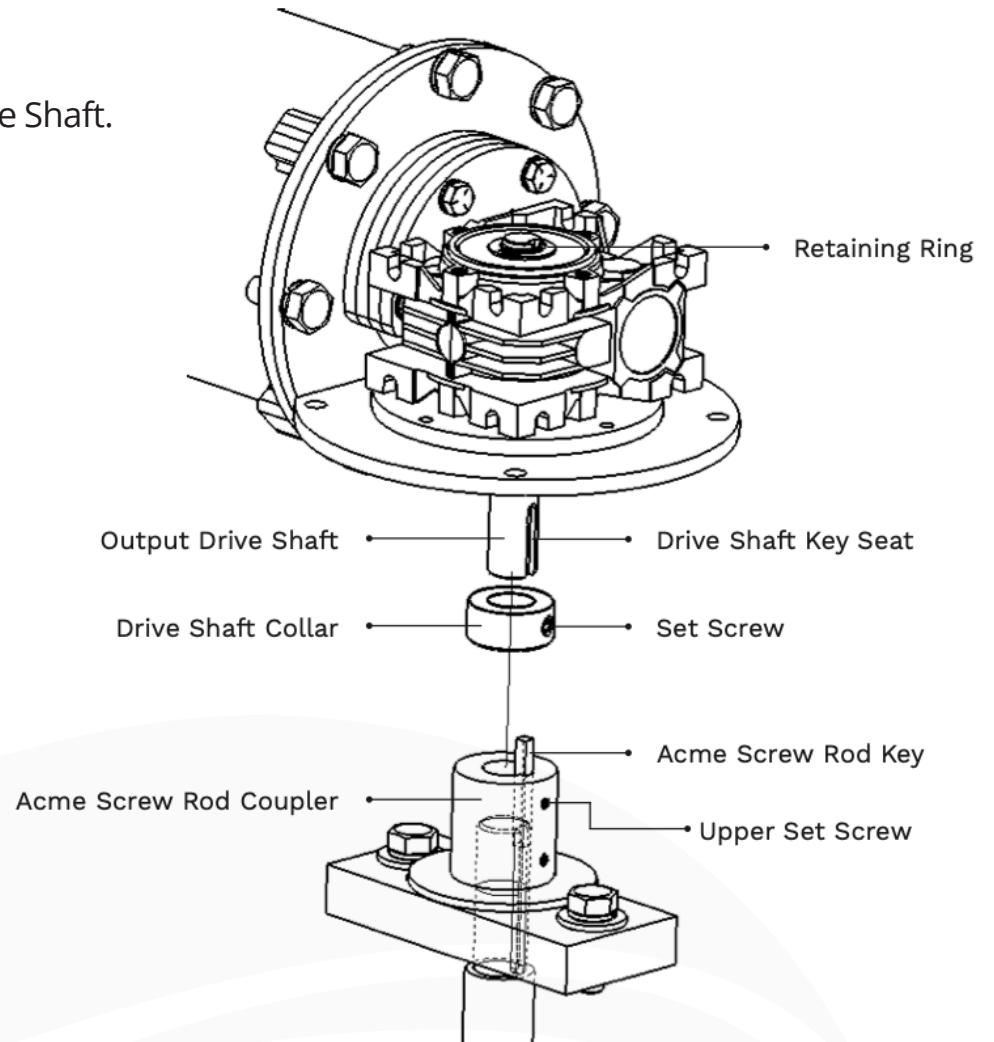
# Step 7: Prep the Drive Motor

## Procedure

Install and fasten the Drive Motor's Output Drive Shaft.

## Install

1. Insert the Output Drive Shaft into the 90° Gearbox, keeping the Drive Shaft Key Seat aligned with the Acme Screw Rod Key.
2. Slide the Drive Shaft Collar above Drive Shaft Key Seat and fasten Set Screw.
3. Install the Retaining Ring before proceeding to the next step.



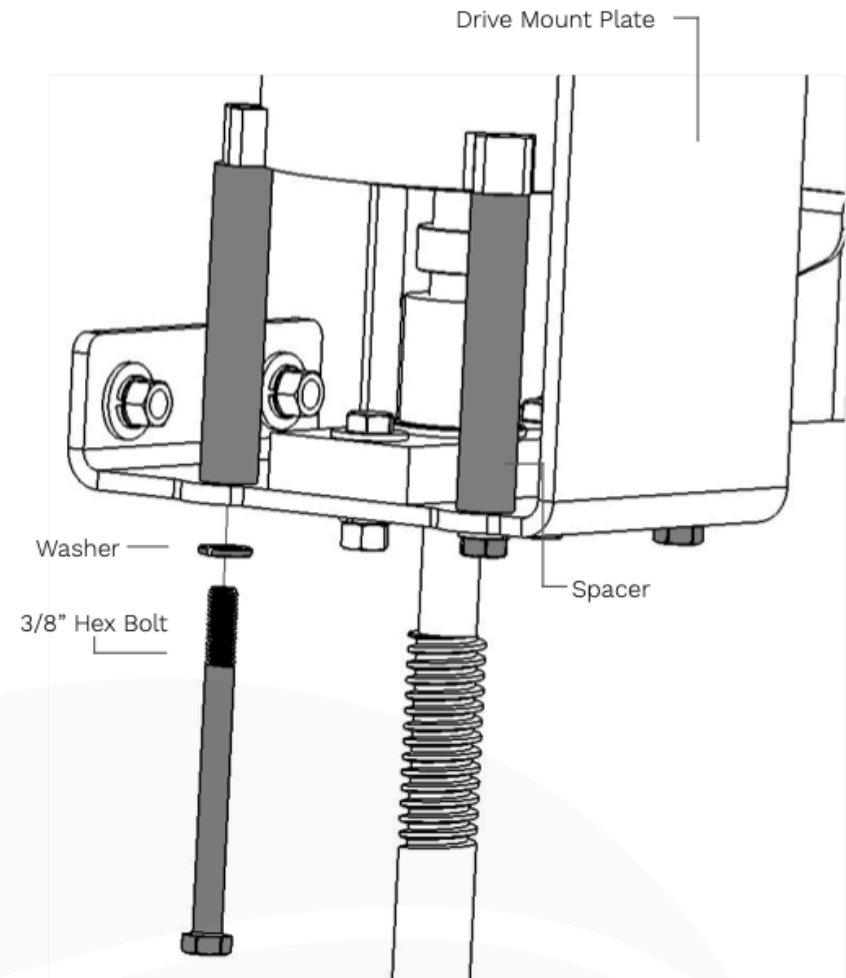
# Step 8: Remount the Motor Drive

## Procedure

Install and mount the Drive Motor.

## Install

1. Align the Drive Shaft Key Seat and the Acme Screw Rod Key.
2. Slide Drive Motor onto the Acme Screw Rod.
3. Tighten the Upper Set Screw on the Acme Screw Rod Coupler.
4. Fasten the Drive Motor to the Drive Mount with the 4 Hex Bolts, 4 Washers and 4 Spacers.



# Step 9: Install Bungee Cord

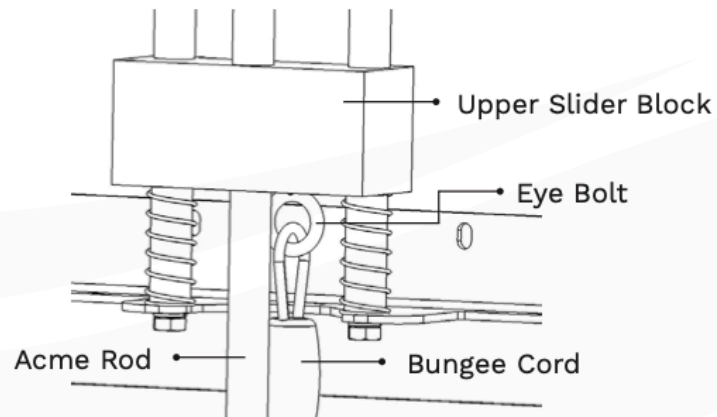
## Procedure

Install the Bungee Cord to the Upper and Lower Slider Block Assembly.

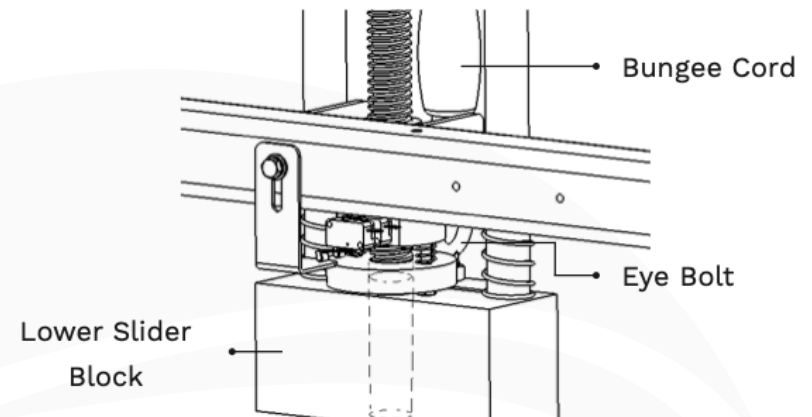
## Install

1. Attach one side of the Bungee Cord Carabiner to the Eye Bolt on the Upper Acme Rod Slider Block Assembly.
2. Attach the other side of the Bungee Cord Carabiner to the Eye Bolt on the Lower Acme Rod Slider Block Assembly.

**Upper Slider Block Assembly**



**Lower Slider Block Assembly**





# Step 10a: Install Batteries and Wire Drive Motor

## Procedure

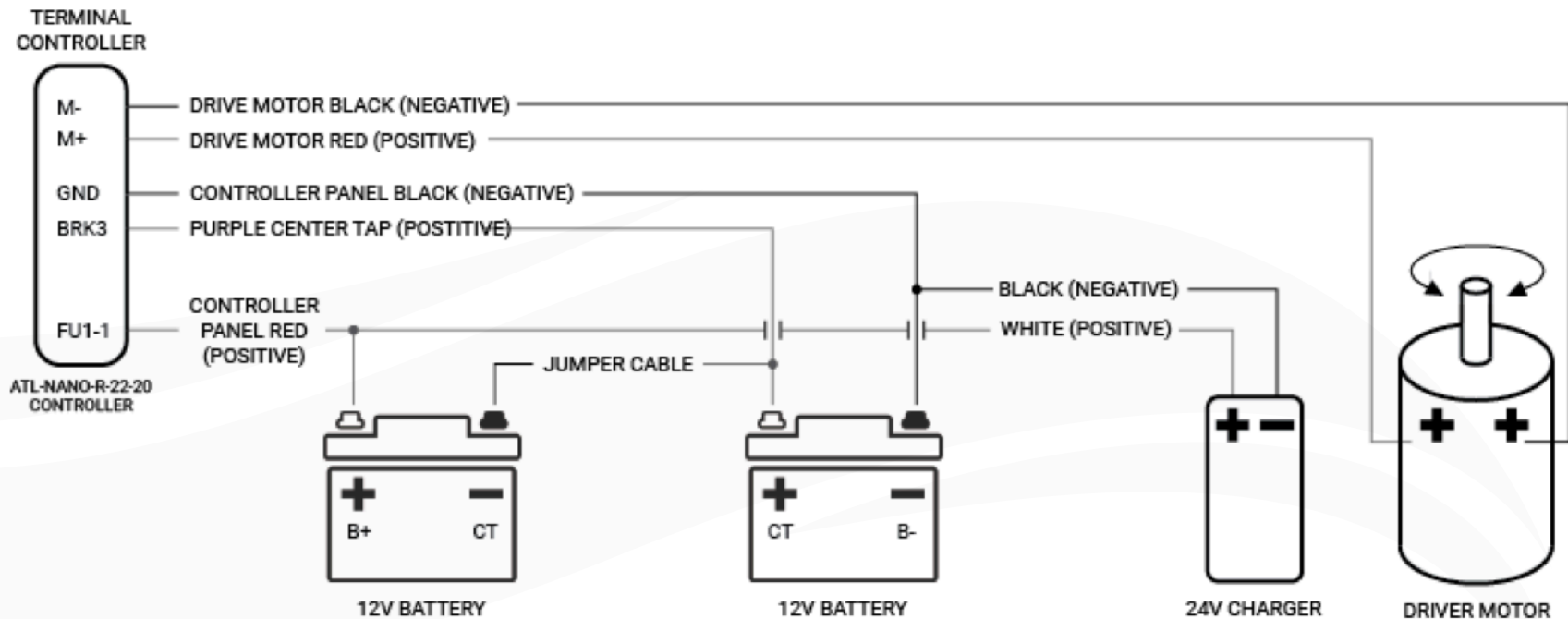
Connect Batteries and Drive Motor

### NOTE

BATTERY INSTALLATION IS ONLY REQUIRED ON DC MODELS.

## Install

1. Place batteries into the upper tower position.
2. Use the Electrical Diagram to make the proper wiring connections.



# Step 10b: Wire AC Drive Motor Configuration

## Procedure

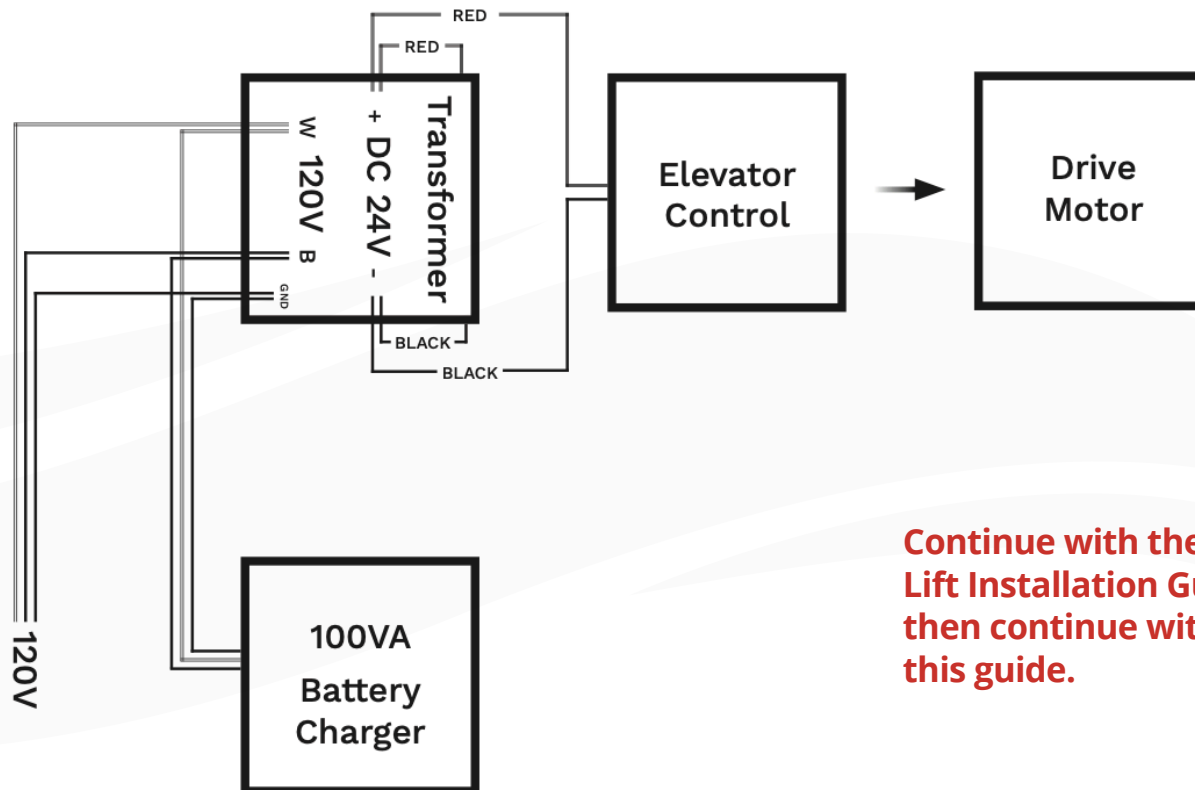
Connect the Transformer and Drive Motor

### NOTE

THIS INSTALLATION IS ONLY REQUIRED ON AC MODELS.

## Install

1. Place batteries into the upper tower position.
2. Use the Electrical Diagram to make the proper wiring connections.



**Continue with the Vertical Platform Lift Installation Guide until step 14, then continue with step 11 of this guide.**

# Step 11: Mount Front Panel Support Bars

## Materials

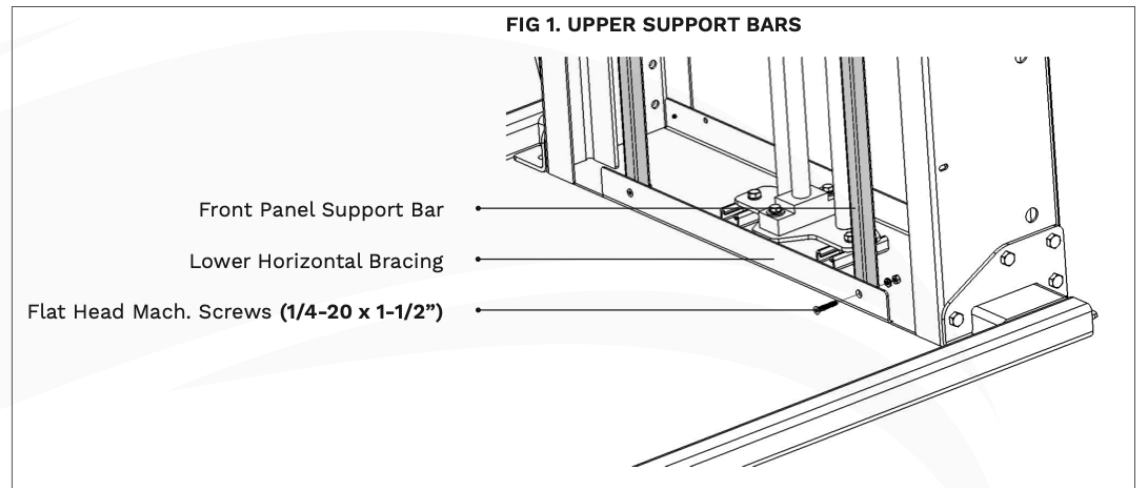
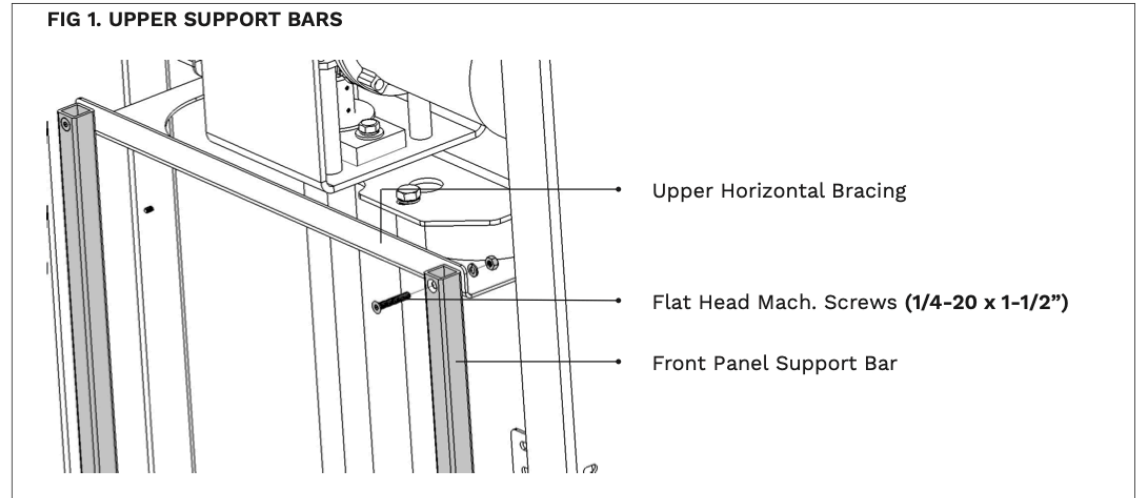
- 4 Flat Head Mach. Screws 4 Hex Bolts (1/4-20 x 1-1/2")
- 4 Washers
- 4 Hex Nuts

## Procedure

Install and Fasten the Front Panel Support Bars.

## Install

1. Fasten the top of the Support Bars. Make sure that the bars are placed on top of the Upper Horizontal Bracing Bracing and fastened with proper bolt configuration.
2. Fasten the bottom of the two Support Bars. Ensure that the bars are placed behind the Lower Horizontal Bracing and fastened with proper bolt configuration.



# Step 12: Install Front Panels

## Materials

- Lower and Upper Front Panels
- Truss Phillips Screws (10/24 x 3/4")

## Procedure

Install and fasten Front Tower Panels.

## Install

1. Align and slide the Lower Tower Front Panel into position. Fasten the panel using Truss Phillips Screws (10/24 X 3/4").
2. Align and fasten the Upper Tower Front Panel. Make sure the Upper Front Panel overlaps the Lower Front Panel. Fasten the panel using Truss Phillips Screws (10/24 X 3/4").

FIG 1. LOWER FRONT PANEL

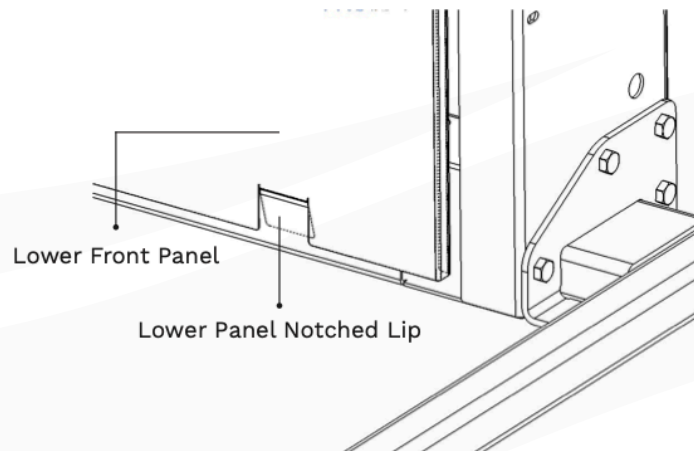
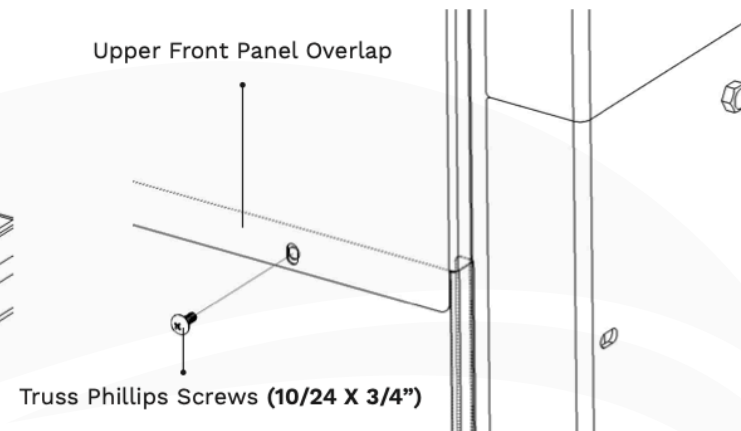


FIG 2. UPPER FRONT PANEL



**WARNING**  
ENSURE THAT THE LOWER PANEL NOTCHED LIP SLIDES BEHIND THE LOWER HORIZONTAL BRACING.

# Step 13: Mount and Fasten Top Cover

## Materials

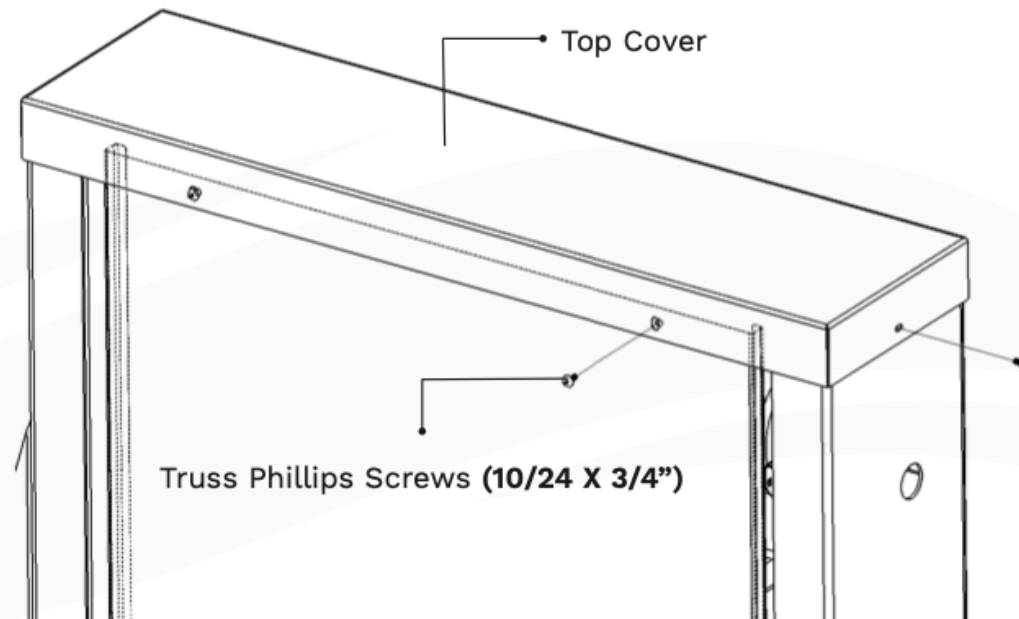
- 4 Truss Phillips Screws (1/4"-20 x 3/4")

## Procedure

Place and fasten Top Cover

## Install

Place the Top Cover on top of the Tower and fasten into place using 4 Truss Phillips Screws (1/4"-20 X 3/4").





5110 Atlantic Ave. Raleigh, NC 27616  
[AmeriGlide.com](http://AmeriGlide.com)

# Pro Window & Door Guide





# Leaders in Innovation Since 1925

From testing beyond industry requirements to delivering continuous innovation – we go beyond what meets the eye to make beautifully designed windows and doors to be a solution for every project. To learn more, visit [pella.com/professionals](https://pella.com/professionals).

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## Experience Pella® products for yourself.

To get started, search “Pella” in the app store appropriate to your device and download the Pella AR app. To view the experience, select “Live View AR” and tap on the product you’d like to load.





# Pella® Lifestyle Series

Aluminum-Clad Wood

## #1 performing wood window and patio door<sup>1</sup>

For the combination of energy, sound and value.

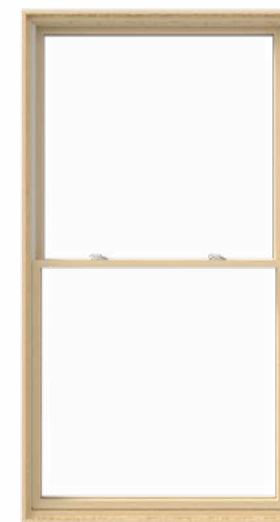
## 37 time-tested innovations

Create unique, room-by-room solutions to meet real-life needs.

## 83% more energy efficient<sup>2</sup>

On average compared to single-pane windows – with performance solutions for improved comfort.

Pella Lifestyle Series



### Exceptional performance and style.

**Style flexibility.** Whether your client's home is traditional, modern or somewhere in between, create beautiful windows and patio doors that fit their style.

**Redefining performance.** Get both unrivaled energy efficiency and sound performance at an incredible value. With the Ultimate Performance package, windows are on average 79% more energy efficient and reduce 52% more outside noise than single-pane windows.<sup>2,5</sup>

**Enhanced durability.** Our windows and patio doors are designed to stand the test of time with exterior wood parts treated with exclusive EnduraGuard® wood protection and an aluminum-clad exterior with EnduraClad® finish.

### Room-by-room solutions.

**Most desired features, options and innovations.** Complement your project with the most popular colors, finishes, grille patterns and more. Many innovative solutions also come standard.

**Integrated blinds and shades.** Intentionally designed to be accessible, blinds and shades are tucked between glass panes and are protected from dust, pets and little hands.

**Added security and convenience.** Add peace of mind with optional Pella Insynctive® built-in window and door sensors and motorized between-the-glass blinds and shades that raise and lower with a button.

Create solutions that are perfect for real life. Covered by the best limited lifetime warranty in the industry for wood windows and patio doors, Pella Lifestyle Series offers everything you love about wood – including beauty, durability and style flexibility.<sup>3</sup> Begin with dual- or triple-pane glass and then select from the most desired features and options.<sup>4</sup>

Pella Lifestyle Series is the #1 performing wood window and patio door for the combination of energy, sound and value.<sup>1</sup> Packed with purposeful innovations like Integrated Blinds, Shades and Security Sensors, we designed windows and patio doors to work for your project, room by room.

<sup>1</sup> Performance solutions require upgrades to triple-pane, AdvancedComfort Low-E and mixed glass thickness. Based on comparing product quotes and published STC/OITC and U-Factor ratings of leading national wood window and patio door brands.

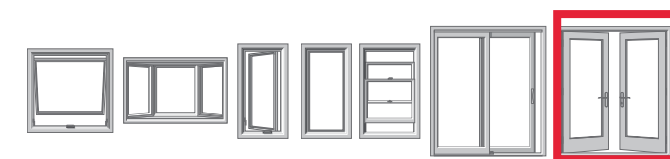
<sup>2</sup> Window energy efficiency calculated in a computer simulation using RESFEN 6.0 default parameters for a 2000 sq. foot new construction single-story home when comparing Pella Lifestyle Series windows with Advanced Comfort Low-E triple-pane glass with argon and mixed glass thickness to a single pane wood or vinyl window. Double-hung windows are not available with triple-pane glass. The energy efficiency and actual savings will vary by location. The average window energy efficiency is based on a national average of 94 modeled cities across the country and weighting based on population. For more details see [pella.com/methodology](http://pella.com/methodology).

<sup>3</sup> Based on comparing written limited warranties of leading national wood window and wood patio door brands. See Pella written Limited Warranty for details, including exceptions and limitations, at [pella.com/warranty](http://pella.com/warranty), or contact Pella Customer Service at 877-473-5527.

<sup>4</sup> Double-hung window only available with dual-pane glass.

<sup>5</sup> Reduction in sound based on OITC ratings of Pella Lifestyle Series windows with triple-pane glass with mixed glass thickness to a single-pane wood or vinyl window with an OITC of 19. Calculated by using the sound transmission loss values in the 80 to 4000 Hz range as measured in accordance with ASTM E-90(09). Actual results may vary.


### Available in these window and patio door styles:



Special shapes also available.


Colors & Finishes

**Wood Type** A beautiful wood species to complement a home's interior.



Pine

**Prefinished Pine Interior Colors** We can prefinish in your choice of a variety of beautiful paints and stains. Unfinished or primed and ready-to-paint are also available.



White Bright White Linen White Golden Oak Stain Early American Stain Provincial Stain Black Stain


**Aluminum-Clad Exterior Colors** Our low-maintenance EnduraClad® exterior finish resists fading and helps protect windows and patio doors for years.



Black White Brown Fossil Iron Ore Portobello Putty Almond Classic White Brick Red Hartford Green Wolf Gray

Glass¹

**InsulShield® Low-E Glass²**




Advanced Low-E insulating dual-pane glass with argon or triple-pane glass with argon

AdvancedComfort Low-E insulating dual-pane glass with argon and triple-pane glass with argon


NaturalSun Low-E insulating dual-pane glass with argon or triple-pane glass with argon

SunDefense™ Low-E insulating dual-pane glass with argon or triple-pane glass with argon

Additional Glass Options



Tempered glass available on dual- and triple-pane products



Obscure and frosted obscure glass available on dual- and triple-pane products

Performance Packages

To make things easier, we've created performance packages that highlight what's most important to your customers. Performance solutions offer an unbeatable combination of energy efficiency, sound control and value.<sup>1</sup> Upgrade from a dual- to a triple-pane glass design with the packages below to meet the unique needs of each room in your customer's home. All values below are averages compared with single-pane windows.

	<p><b>Performance</b> Improved energy efficiency and sound performance.</p>	<p><b>71%</b> More Energy Efficient<sup>2</sup></p> <p><b>+</b></p> <p><b>34%</b> Noise Reduction<sup>3</sup></p>
	<p><b>Sound Control</b> Exceptional noise control for a quieter home.</p>	<p><b>52%</b> Noise Reduction<sup>3</sup></p>
	<p><b>Energy Efficiency</b> Superior energy efficiency for a more comfortable home.</p>	<p><b>83%</b> More Energy Efficient<sup>2</sup></p>
	<p><b>Ultimate Performance</b> The best combination of energy efficiency and noise control.</p>	<p><b>79%</b> More Energy Efficient<sup>2</sup></p> <p><b>+</b></p> <p><b>52%</b> Noise Reduction<sup>3</sup></p>



Scan the QR code with your smartphone camera to learn more about how each performance package can benefit your client's home.

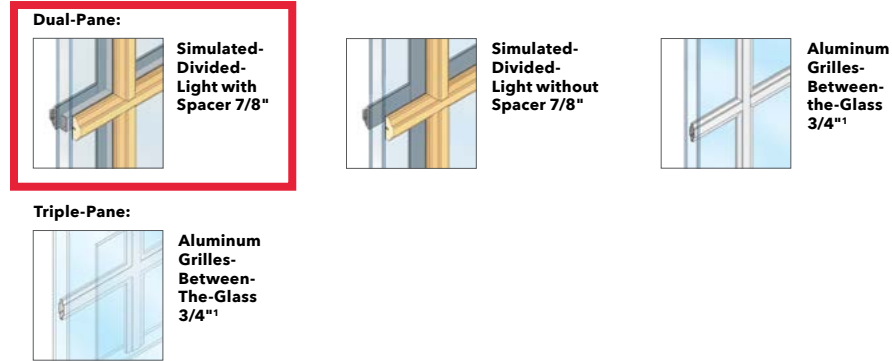
<sup>1</sup> Double-hung window available with dual-pane glass only.  
<sup>2</sup> Optional high-altitude Low-E insulating glass does not contain argon in most products. Please see your local Pella sales representative for more information.

<sup>1</sup> Performance solutions require upgrades to triple-pane, AdvancedComfort Low-E and mixed glazing thickness glass. Based on comparing product quotes and published STC/OITC and U-Factor ratings of leading national wood window and patio door brands.  
<sup>2</sup> Window energy efficiency calculated in a computer simulation using RESFEN 6.0 default parameters for a 2000 sq. foot new construction single-story home when Pella Lifestyle Series windows with the respective performance package are compared to a single-pane wood or vinyl window. The energy efficiency and actual savings will vary by location. The average window energy efficiency is based on a national average of 94 modeled cities across the country and weighting based on population. For more details see pella.com/methodology.  
<sup>3</sup> Reduction in sound based on OITC ratings of Pella Lifestyle Series windows with respective performance package compared to a single-pane wood or vinyl window with an OITC of 19. Calculated by using the sound transmission loss values in the 80 to 4000 Hz range as measured in accordance with ASTM E-90(09). Actual results may vary.

## Grilles

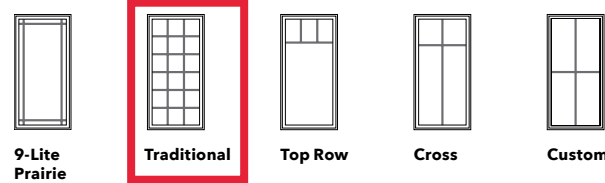
### Grille Types

Choose the look of true divided light with simulated-divided-light or make cleaning easier by selecting grilles-between-the-glass.



### Grille Patterns

In addition to the patterns shown here, custom grille patterns are available.



## Screens<sup>2</sup>

### Rolscreen<sup>®</sup>

Rolscreen soft-closing retractable screens roll out of sight when not in use. Available on casement windows and sliding patio doors.

### Flat

InView™ screens are clearer than conventional window screens and provide efficient ventilation.



## Added Peace of Mind

### Integrated Security Sensors

Optional integrated wireless security sensors maintain aesthetics, streamline security installation and ensure no warranty loss is caused by post-installation drilling. Sensors can be monitored via the free Pella® Insynctive® App and are compatible with major security panel systems.<sup>3</sup> For more information, go to [connectpella.com](http://connectpella.com).

<sup>1</sup> Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.

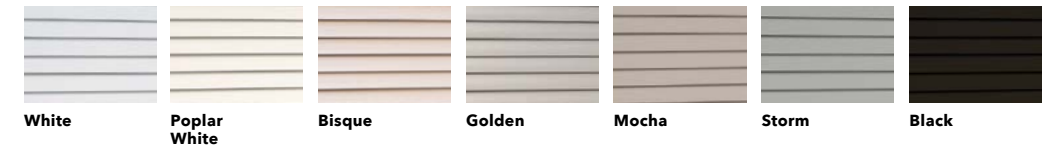
<sup>2</sup> Warning: Use caution when children or pets are around open windows and doors. Screens are not designed to retain children or pets.

<sup>3</sup> Requires the Insynctive App on a smart device, an Insynctive Bridge and a wireless home router with internet connection.

## Integrated Blinds & Shades

### Integrated Blinds<sup>®</sup>

Raise blinds up for an unobstructed view or tilt to let in the right amount of light. Our accessible, integrated blinds are available with or without motorization powered by Pella Insynctive® technology.



### Integrated Shades<sup>®</sup>

Our best integrated fabric shades feature a white exterior fabric for a uniform look from the street. Our accessible, integrated shades are available with or without motorization powered by Pella Insynctive® technology.

#### Light-Filtering:



#### Room-Darkening:



### Haven't landed on a final blind or shade color yet? No problem.

With our patented triple-pane design, your customers can make the decision later in the process. Our triple-pane products come with all of the hardware to add blinds or shades before they arrive to the home or later in the building or remodeling process.



Scan the QR code with your smartphone camera to learn more about our motorized Insynctive blinds and shades.

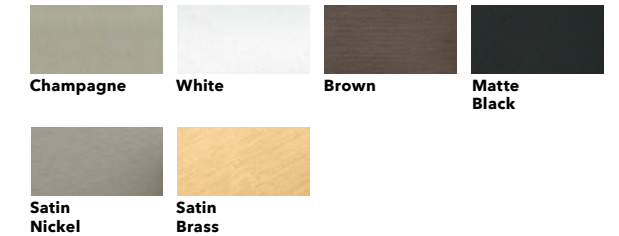
## Window Hardware

### Essential Collection

Our most popular designs with finishes to suit every style.



#### Finishes:



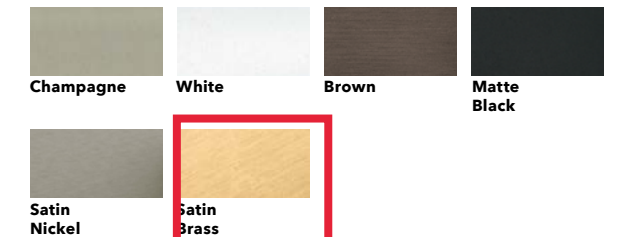
## Patio Door Hardware

### Essential Collection

Elevate your style and transform a home with elegant selections.



#### Finishes:



\* Available on triple-pane products only.



Product Selection Guide

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Features and Options ..... LS-IS-3

Combination Assemblies ..... LS-IS-4

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**Document Navigation Tips:**

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 The Pella logo on each page is a link back to this table of contents.  
 Bookmarks are also included in this PDF document and are available as an additional navigation option.

**Supporting documents for this product:**

Test Reports:

- [https://media.pella.com/professional/adm/CertificationReports/Test\\_Reports\\_LS-Dual.pdf](https://media.pella.com/professional/adm/CertificationReports/Test_Reports_LS-Dual.pdf)
- [https://media.pella.com/professional/adm/CertificationReports/Test\\_Reports\\_LS-Triple.pdf](https://media.pella.com/professional/adm/CertificationReports/Test_Reports_LS-Triple.pdf)

CSI Specs (readable using Microsoft Word or other text editing application):

- [https://media.pella.com/professional/adm/Wood-CSI\\_Specs/08213.rtf](https://media.pella.com/professional/adm/Wood-CSI_Specs/08213.rtf)

Detailed Product Description (readable using Microsoft Word or other text editing application):

- [https://media.pella.com/professional/adm/Clad-Wood-LS/PellaLifestyleSrs-IS\\_DPD.rtf](https://media.pella.com/professional/adm/Clad-Wood-LS/PellaLifestyleSrs-IS_DPD.rtf)

Size Tables (requires appropriate CAD software to read and use):

- [https://media.pella.com/professional/adm/Clad-Wood-LS/LSCISE\\_D.dwg](https://media.pella.com/professional/adm/Clad-Wood-LS/LSCISE_D.dwg)

CAD cross sections (requires appropriate CAD software to read and use):

- [https://media.pella.com/professional/adm/Clad-Wood-LS/LS-IS\\_XSEC\\_D.dwg](https://media.pella.com/professional/adm/Clad-Wood-LS/LS-IS_XSEC_D.dwg)

3D & BIM (requires appropriate software to read and use):

- [https://media.pella.com/professional/adm/RevitFiles/LS-Revit/Door-In-Swing-Pella-Lifestyle\\_Series.zip](https://media.pella.com/professional/adm/RevitFiles/LS-Revit/Door-In-Swing-Pella-Lifestyle_Series.zip)

Sketchup (requires appropriate software to read and use):

- [https://media.pella.com/professional/adm/Clad-Wood-LS/PellaSKP\\_LifestyleSeries\\_In-Swing\\_Door.zip](https://media.pella.com/professional/adm/Clad-Wood-LS/PellaSKP_LifestyleSeries_In-Swing_Door.zip)

Combination Recommendations:

- [https://media.pella.com/professional/adm/Clad-Wood/D\\_Combinations.pdf](https://media.pella.com/professional/adm/Clad-Wood/D_Combinations.pdf)

Installation Details:

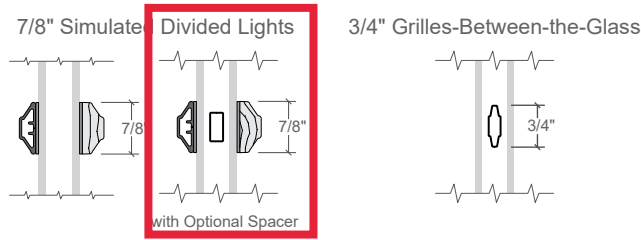
- [https://media.pella.com/professional/adm/Clad-Wood/F\\_InstallationDetails.pdf](https://media.pella.com/professional/adm/Clad-Wood/F_InstallationDetails.pdf)

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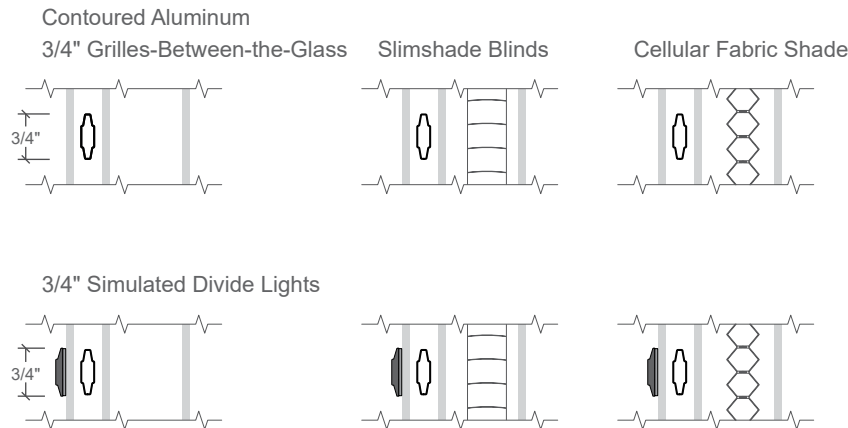


Grilles

Grille Profiles - Dual-Pane



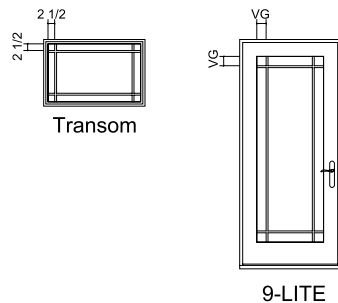
Grille Profiles - Triple-Pane



Contact your local Pella sales representative for current availability.

Grille Patterns

Prairie Lite Patterns



Prairie

- Standard corner lite dimension for Prairie patterns = 3-1/2" VG.

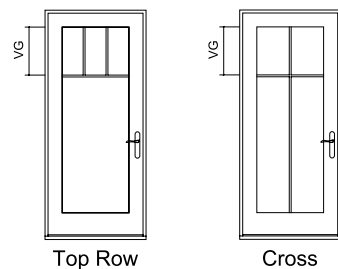
Top Row

- Standard visible glass to separator bar = 14".

Cross

- Standard visible glass to separator bar = one-quarter of total visible glass height.

Other Available Patterns



For traditional patterns, see size tables.

VG = Visible Glass

Lite dimensions noted can vary.

Custom configurations are also available, for details contact your local Pella sales representative.



# Lifestyle Series In-Swing Patio Door

## Standard Size Tables - Dual-Pane

### Transoms SINGLE DOOR

	(781) (762)	(870) (851)	(933) (914)	(981) (962)
Opening	2' 6 3/4"	2' 10 1/4"	3' 0 3/4"	3' 2 5/8"
Frame	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"
(654) (375) (432) (356)				
(451) (375) (432) (356)				
(635) (375) (432) (356)				

### DOUBLE DOOR

	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"
(654) (375) (432) (356)				
(451) (375) (432) (356)				
(635) (375) (432) (356)				

### 6' 7" Single Doors FIXED VENT

	(781) (762)	(870) (851)	(933) (914)	(981) (962)
Opening	2' 6 3/4"	2' 10 1/4"	3' 0 3/4"	3' 2 5/8"
Frame	2' 6"	2' 9 1/2"	3' 0"	3' 1 7/8"
(2 032) (2 019)				

### Single-Swing Doors FIXED-ACTIVE

	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"
(2 032) (2 019)				

### Double-Swing Doors ACTIVE-INACTIVE

	(1 524) (1 505)	(1 702) (1 682)	(1 829) (1 810)	(1 924) (1 905)
Opening	5' 0"	5' 7"	6' 0"	6' 3 3/4"
Frame	4' 11 1/4"	5' 6 1/4"	5' 11 1/4"	6' 3"
(2 032) (2 019)				

Not to scale.  
T = Tempered glass is standard.

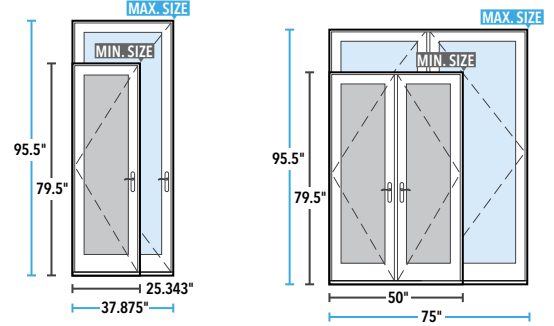


# Lifestyle Series In-Swing Patio Door

## Special Sizes and Dimensions

### In-Swing Door Special Size Frame Dimensions\*

	Minimum	Maximum
Single Door	2' 1-11/32" W x 6' 7-1/2" H (25-11/32" x 79-1/2") (644 x 2 019)	3' 1" W x 7' 11" H (37-7/8" x 95-1/2") (962 x 2 426)
Double Door	4' 2" W x 6' 7-1/2" H (50" x 79-1/2") (1 270 x 2 019)	6' 3" W x 7' 11" H (75" x 95-1/2") (1 905 x 2 426)
Transom	2' 2" W x 1' 2" H (26" x 14") (660 x 356)	6' 3" W x 2' 1" H (75" x 25") (1 905 x 635)
Sidelight	1' 6" W x 6' 7-1/2" H (18" x 79-1/2") (457 x 2 019)	1' 6" W x 7' 11" H (18" x 95-1/2") (457 x 2 426)



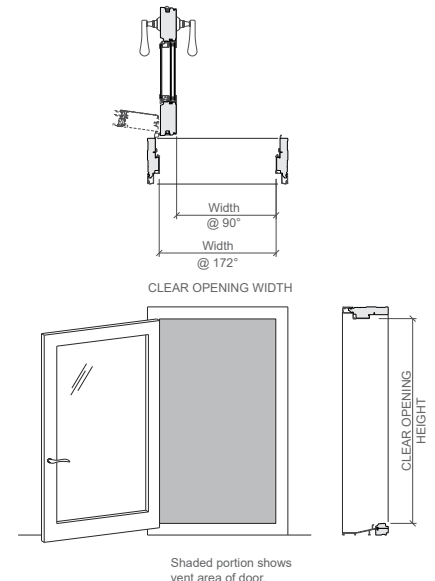
### In-Swing Door Glass Formulas

	Single Door	Double Door	Sidelight	Transom
Visible Glass Dual-Pane	Width = Frame - 10.7" Height = Frame - 15.2535"	Width = Frame - 20.65" ÷ 2 Height = Frame - 15.2535"	NA	Width = Frame - 3.25" Height = Frame - 3.25"
Actual Glass Dual-Pane	Width = Frame - 9.52" Height = Frame - 14.0735"	Width = Frame - 18.29" ÷ 2 Height = Frame - 14.0735"	NA	Width = Frame - 2" Height = Frame - 2"
Visible Glass <sub>1</sub> Triple-Pane	Width = Frame - 12.436" Height = Frame - 16.185"	Width = Frame - 24.122" ÷ 2 Height = Frame - 16.185"	Width = Frame - 9.02" Height = Frame - 16.185"	NA
Actual Glass <sub>1</sub> Triple-Pane	Width = Frame - 11.313" Height = Frame - 15.0625"	Width = Frame - 21.876" ÷ 2 Height = Frame - 15.0625"	Width = Frame - 7.875" Height = Frame - 15.0625"	NA

### Clear Opening Formula

	Width	Height
Triple-Pane Clear Opening (@ 90°)	Double Door—Active Panel = Frame Width - 4.9375" ÷ 2 Double Door—Both Panels = Frame - 7.5" Single Door = Frame - 4.9375"	Height = Frame - 3.25"
Triple-Pane Clear Opening (@ 172°)	Double Door—Active Panel = Frame Width - 4.375" ÷ 2 Double Door—Both Panels = Frame - 6.65625" Single Door = Frame - 3"	Height = Frame - 3.25"
Dual-Pane Clear Opening (@ 90°)	Double Door—Active Panel = Frame Width - 4.9375" ÷ 2 Double Door—Both Panels = Frame - 7.5" Single Door = Frame - 5.3125"	Height = Frame - 3.0625"
Dual-Pane Clear Opening (@ 176°)	Double Door—Active Panel = Frame Width - 2.6875" ÷ 2 Double Door—Both Panels = Frame - 6" Single Door = Frame - 3.0625"	Height = Frame - 3.0625"

### Clear Opening Schematic



\* Available for Triple-Pane only, within size range shown. Keep frame dimensions to the nearest 1/4" increment.

(1) Dimensions of exterior light. Visible Glass of interior Moveable Light is 1/4" smaller.

To convert areas to square meters (m<sup>2</sup>), multiply square feet by 0.0929.



## Detailed Product Description

### Frame

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are clear pine, edge-banded or veneered.
- Exterior surfaces are clad with aluminum at the head and jambs.
- Components are assembled with screws, staples and concealed corner locks.
- Overall frame depth is 5" (127 mm) for a wall depth of 3-11/16" (94 mm).
- Frame depth between 5-7/8" (149 mm) to 8-5/8" (219 mm), for wall depth between 4-9/16" (116 mm) to 7-5/16" (186 mm).
- Optional factory-applied EnduraClad® exterior trim.
- Solid extruded aluminum sill with [Black] [mill] finish with oak threshold.

### Door Panels

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are veneered with clear pine with no visible fastener holes.
- Exterior surfaces are clad with aluminum.
- Panel rails and hinge stiles are three-ply construction, randomly finger-jointed blocks laminated with water-resistant glue and pine-veneered on both sides.
- Panel lock stiles are constructed with LVL core with clear pine edge bands on both sides and veneered on both faces.
- Corners are urethane-sealed and secured with metal fasteners.
- Panel thickness is 2-1/16" (52 mm).

### Weatherstripping

- Dual-durometer extruded polymer along perimeter of door frames and along the bottom of door panels.

### Glazing System 1

- Quality fully-tempered float glass complying with ASTM C 1048.
- High altitude glazing available.
- Silicone-glazed 13/16" [obscure<sub>1</sub>] dual-seal insulating glass [[Advanced] [SunDefense™] [SunDefense+] [AdvancedComfort] [NaturalSun] [NaturalSun+] Low-E [with argon].
- Triple-Pane Glazing System:
  - Exterior dual-seal insulating glass, silicone-glazed 11/16", [obscure] [[Advanced] [SunDefense™] [SunDefense+] [AdvancedComfort] [NaturalSun] [NaturalSun+] Low-E [with argon]] [[bronze] [gray] [green] Advanced Low-E with argon].
  - Interior hinged clear tempered glass panel set in a [veneered (for stain finishes)] aluminum frame, fitted to door panel with continuous gasket seal.
  - Airspace between insulating glass and hinge glass panel is 1-1/32".

### Exterior

- Exterior aluminum surfaces are finished with EnduraClad® protective finish, in a multi-step, baked-on finish.
- Finish color [Standard [Black] [White] [Brown] [Fossil]] [Feature [Iron Ore] Wolf gray] [Classic White] [Almond] [Portobello] [Putty] [Brick Red] [Hartford Green]].

### Interior

- [Unfinished, ready for site finishing] [factory primed with one coat acrylic latex] [factory prefinished [White] [Linen White] [Bright White] [stain<sub>1</sub>]].

### Hardware

- Hinges are adjustable to help with installation.
- Doors over 7' 0" frame height have four (4) hinges per panel.
- Doors 7' 0" and under frame height have three (3) hinges per panel.
- Mortised and keyed multi-point locking system, center deadbolt and shoot-bolts at head and sill will engage simultaneously.
- Solid brass handles and keylock with K-keyway cylinder.
- Key cylinder finish is [Brass] [Stainless Steel] [Matte Black].
- Hardware finish (Handle, Hinges and Strike) is [baked enamel [White] [Champagne] [Brown] [Matte Black]] [Satin Nickel] [Satin Brass].

### Optional Products

#### Grilles

- Simulated-Divided-Light [with optional spacer] (Dual-pane glazing)
  - 7/8" Grilles permanently bonded to the interior and exterior of glass.
  - Patterns are [Traditional] [Prairie] [Cross] [Top Row] [Custom – Equally Divided].
  - Interior surfaces are [unfinished, ready for site finishing] [factory primed] [pine: factory prefinished [White] [Linen White] [Bright White] [stain<sub>1</sub>]].
  - Exterior color to match the exterior cladding color.
- Simulated-Divided-Light with Grilles-Between-the-Glass (Triple-pane glazing)
  - 3/4" Grilles permanently bonded to the exterior of glass.
  - Patterns are [Traditional] [Prairie] [Cross] [Top Row] [Custom – Equally Divided].
  - Exterior color to match the exterior cladding color.
  - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass.
  - Interior color is [White] [Ivory] [Tan<sub>3</sub>] [Brickstone] [Black] [Putty<sub>3</sub>] [Brown<sub>3</sub>] [Harvest] [Cordovan].
- or –
- Grilles-Between-the-Glass<sub>2</sub>
  - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass.
  - Patterns are [Traditional] [9-Lite Prairie] [Top Row] [Cross] [Custom – Equally Divided].
  - Interior color is [White] [Ivory] [Tan<sub>3</sub>] [Brickstone<sub>3</sub>] [Black] [Putty<sub>3</sub>] [Brown] [Harvest] [Cordovan].
  - Exterior color [matched to the exterior cladding color] [White]<sub>4</sub>.

#### Screens

- Finish matches exterior cladding.
- Hinged Insect Screens:
  - Compliance: ASTM D 3656 and the performance requirements of SMA 1201.
  - Screen Cloth: InView™ Vinyl-coated fiberglass, 18/18 mesh fiberglass screen cloth complying the performance requirements of SMA 1201.
  - Extruded-aluminum frame, hinged to door frame.
  - Complete with necessary hardware.
  - Hardware Color: [Champagne] [Matte Black] [White] [Oil-Rubbed Bronze] [Satin Nickel].
- or –
- Exterior Sliding Insect Screens:
  - Compliance: ASTM D 3656 and the performance requirements of SMA 1201.
  - Screen Cloth: InView™ Vinyl-coated fiberglass, 18/18 mesh fiberglass screen cloth complying the performance requirements of SMA 1201.
  - Extruded-aluminum frame, top hung on 2 adjustable nylon rollers.
  - Complete with necessary hardware.
  - Hardware Color: [White] [Tan] [Brown] [Matte Black].

#### Integrated Between-the-Glass Window Fashions (Triple-Pane glazing only)<sub>1</sub>

- Slimshade® Blinds
  - 15 mm aluminum slat, bottom-up blinds with polyester cord ladder
  - Installed in sash between double glazing and interior hinged glass panel.
  - Operated with cordless operator or motorized with Insynctive® technology.
- or –
- Cellular Fabric Shades
  - 11/16" width, bottom-up shades with hidden polyester cord, spun bond Polyethylene Terephthalate (PET) cellular fabric.
  - Installed in sash between double glazing and interior hinged glass panel.
  - Operated with cordless operator or motorized with Insynctive® technology.

#### Sensors

- Optional factory installed integrated security sensors available in vent units.

(1) Contact your local Pella sales representative for current designs and color options.

(2) Available on units glazed with Low-E insulated glass with argon, and obscure insulated glass.

(3) Tan, brickstone and putty Interior GBG colors are available only with matching interior and exterior colors.

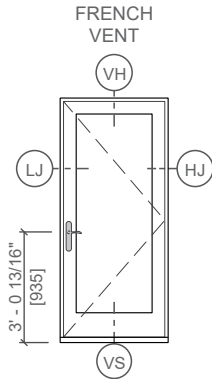
(4) Appearance of exterior grille color will vary depending on Low-E coating on glass.



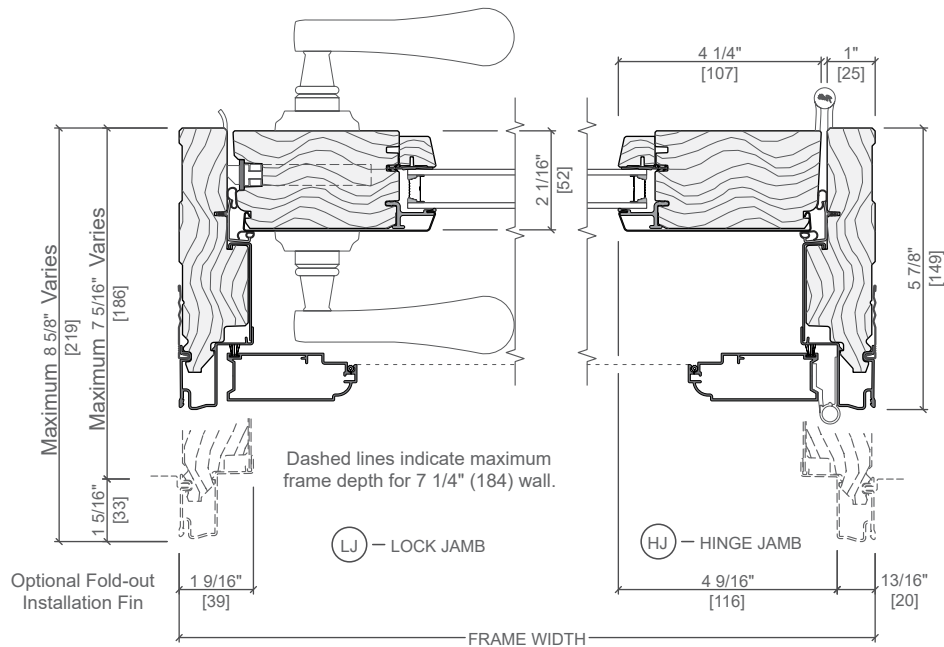
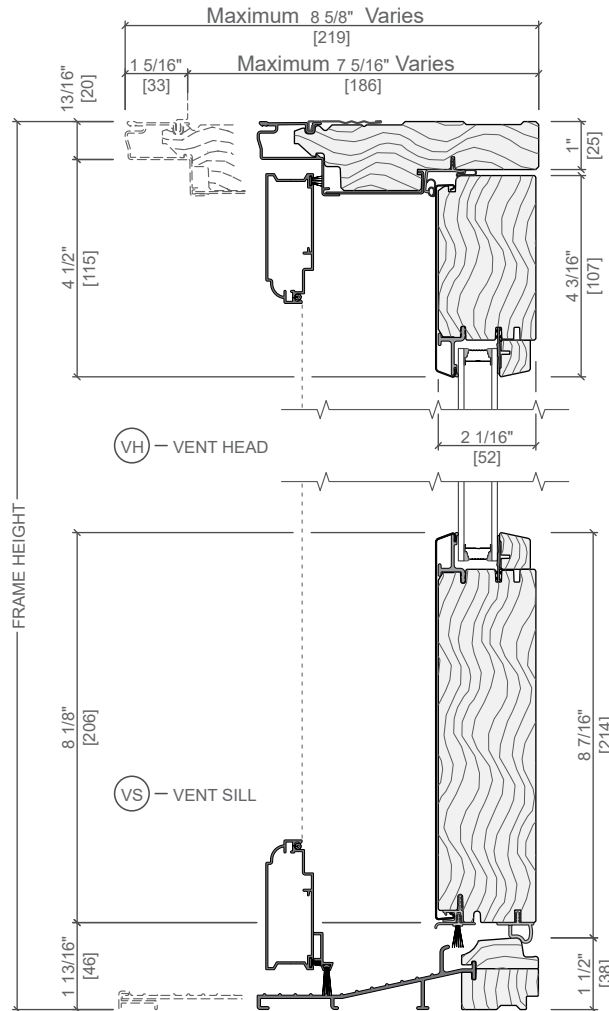


# Lifestyle Series In-Swing Patio Door

## Unit Sections - Dual-Pane



Handle Height Dimension shown is from bottom of unit frame to door handle. Installation method used and finished flooring conditions will cause handle height to vary. Doors not using the standard Pella multipoint lock and hardware (specified as 'No lock/No Bore') are not Hallmark certified.

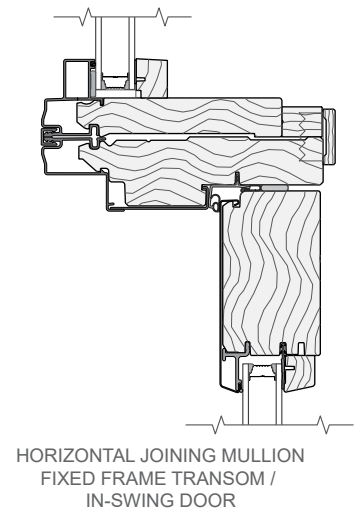
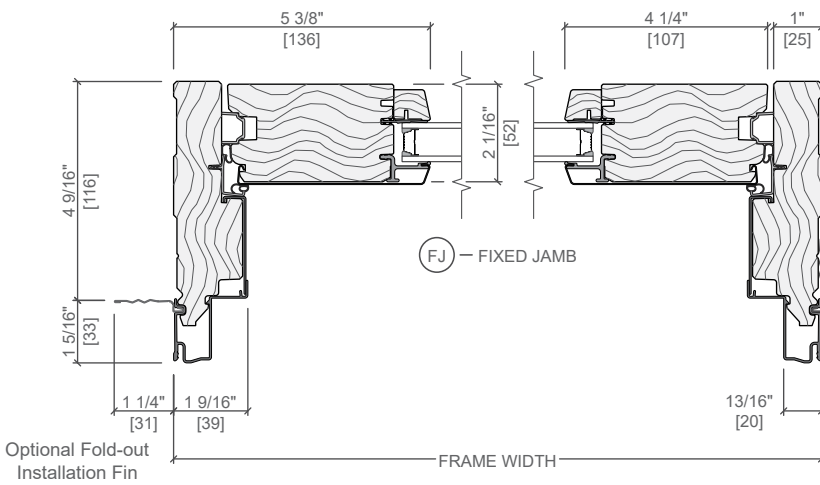
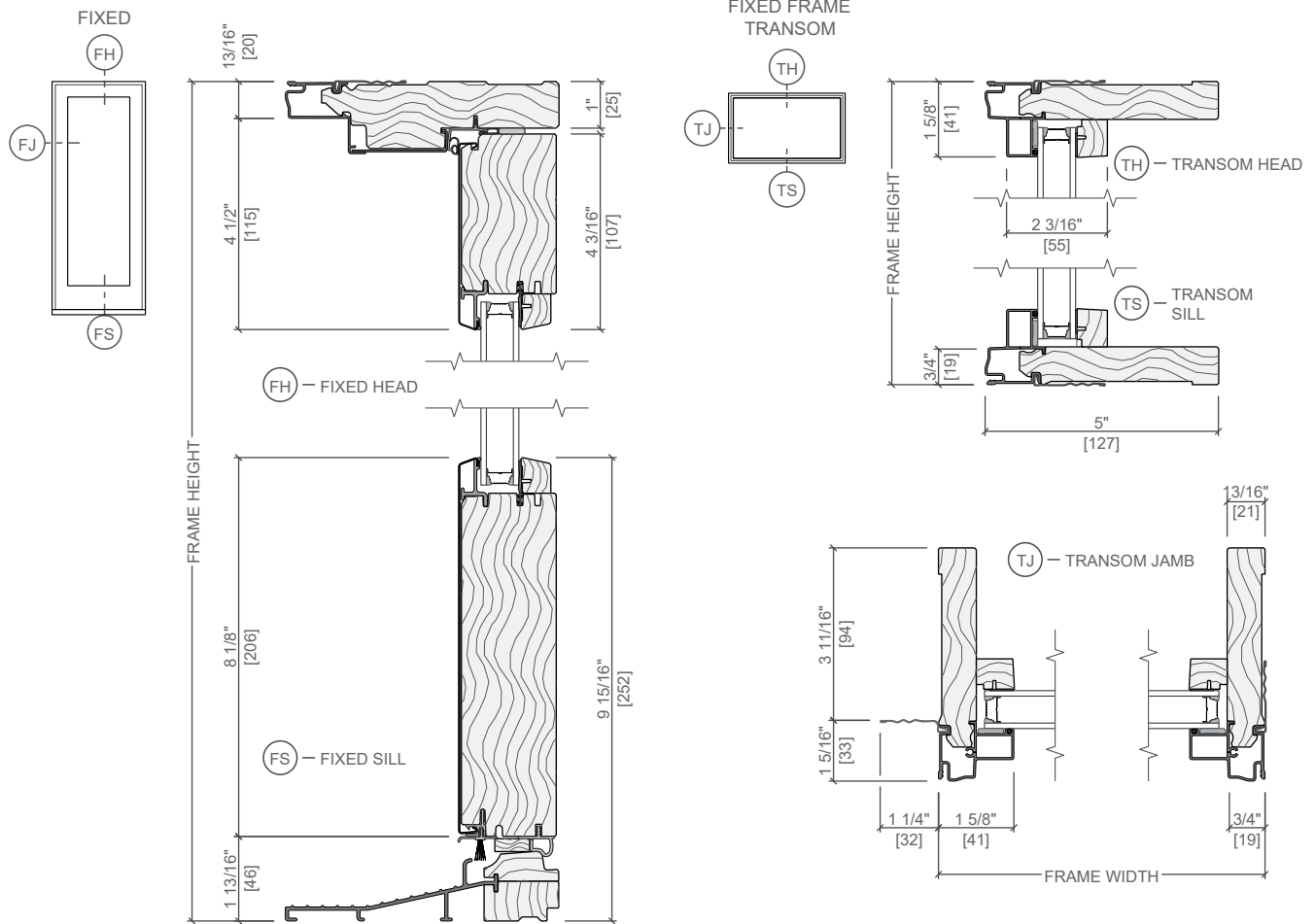


Scale 3" = 1' 0"  
All dimensions are approximate.



# Lifestyle Series In-Swing Patio Door

## Unit Sections - Dual-Pane



Use standard joining mullions when joining fixed door panels.  
 Sidelights or fixed panels may be joined directly to operable door panels. Composite must be installed with head drip fin and installation fins per standard installation instructions.  
 Structural mullion must be used for all other combinations.

Scale 3" = 1' 0"  
 All dimensions are approximate.