

# HOISTWAY SAME SIDE PLATFORM (PIT APPLICATION)

## VPL-3200B SERIES VERTICAL PLATFORM LIFT

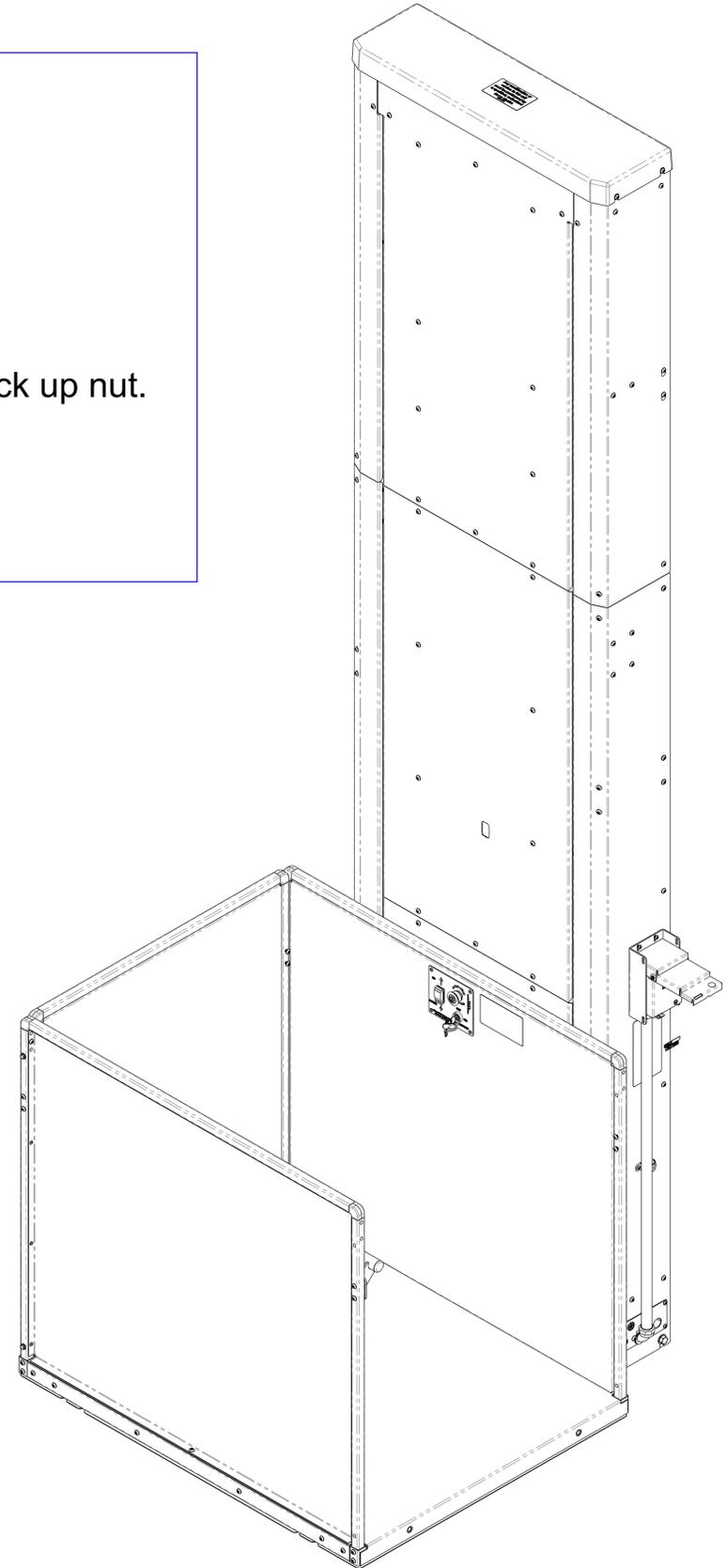
### TECHNICAL DATA/SPECIFICATIONS \*

RATED LOAD:	750 lbs maximum.
INPUT POWER SOURCE:	
-DC BATTERY POWERED UNIT:	110-120 Volt 3 Amp 60 Hz battery charger.
DRIVE:	
-DC BATTERY POWERED UNIT:	VPL-3200B: 1 hp motor, 1750 rpm, 24 VDC, continuous duty.
INTERMEDIATE REDUCTION:	Dual 4L style Poly-V belts and pulleys, 3.94:1 pulley reduction.
FINAL DRIVE:	VPL-3200B: 1.25" dia. ACME screw w/bronze nut and bronze safety back up nut.
MOTOR CONTROLLER:	
-DC BATTERY POWERED UNIT:	24 VDC Relay control.
SPEED:	
-DC BATTERY POWERED UNIT:	10 feet per minute maximum

### PERFORMANCE STANDARDS

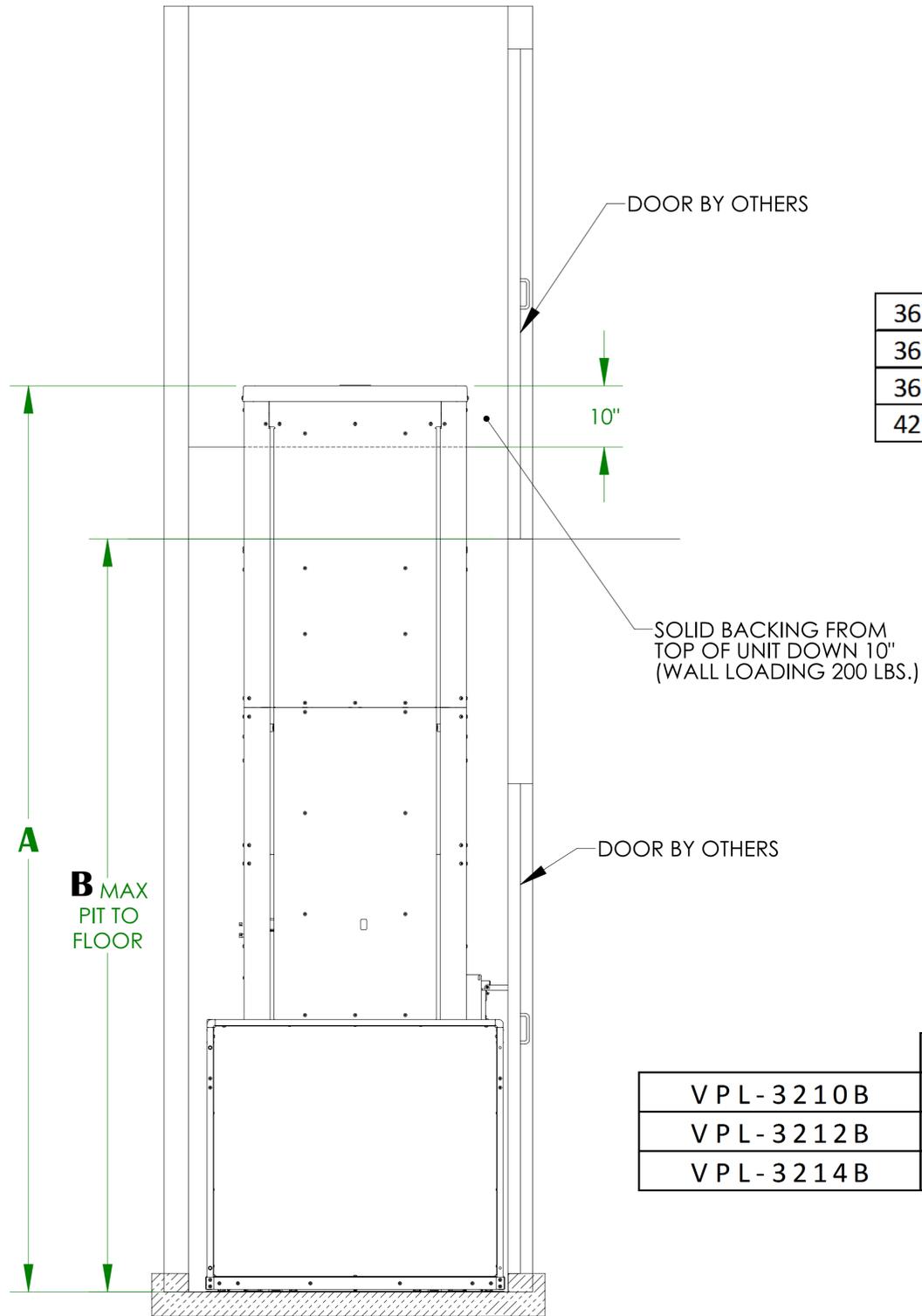
USA FOOD & DRUG ADMINISTRATION: CLASS II, 510(K) Exempt, File No. 890.3930,  
Product Code: PCE  
ASME A18.1 (Section 5) Safety Standards for Platform Lifts and Stairway Chairlifts \*  
CSA B355 Lifts for Persons with Physical Disabilities (Residential Application) \*  
CSA B44.1/ASME A17.5 Elevator and Escalator Electrical Equipment \*

\* For complete technical specifications and performance standards years of compliance please see:  
ILS-00986 "VPL-3200B Series Residential Vertical Platform Lift Technical Specification"



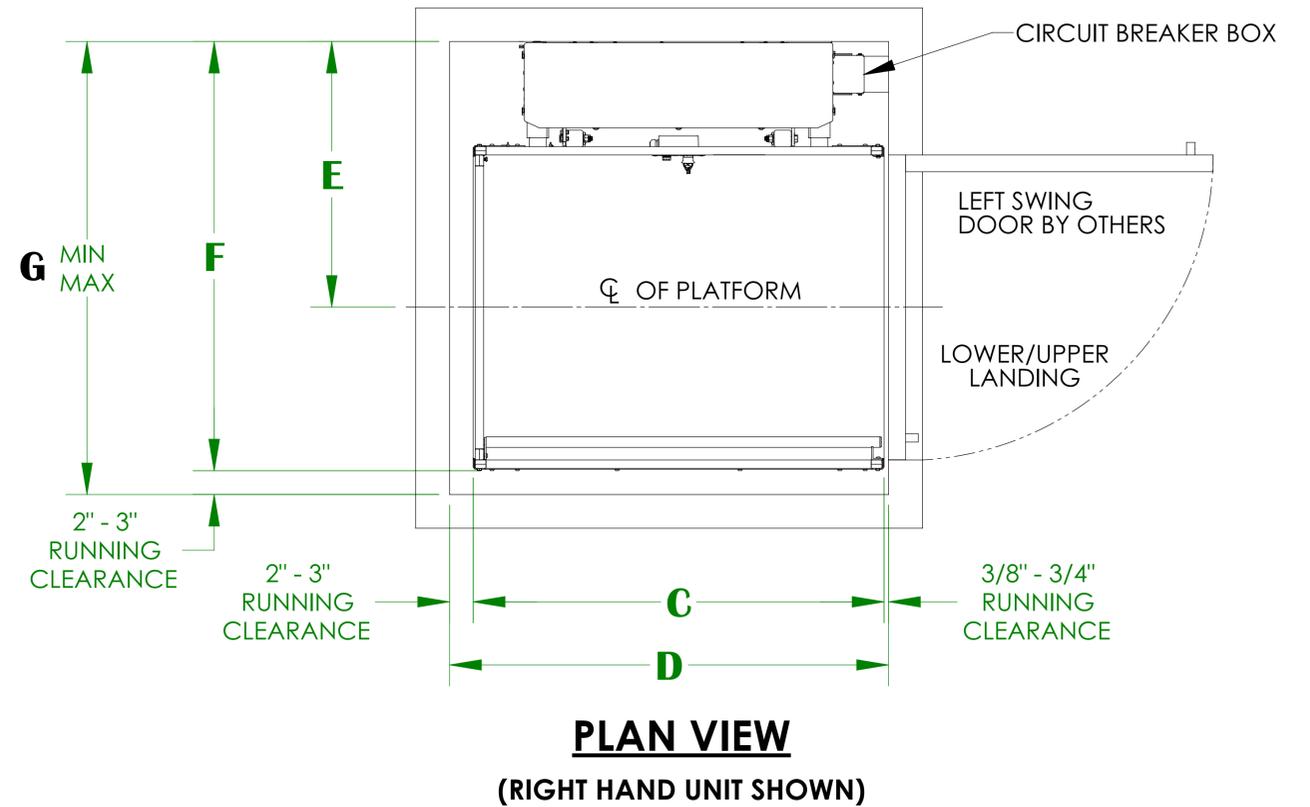
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	C	D	E	F	G MIN	G MAX
36" X 48" PLATFORM	48-7/16"	50-13/16" - 52-3/16"	31-9/16"	50-13/16"	52-13/16"	53-13/16"
36" X 54" PLATFORM	54-7/16"	56-13/16" - 58-3/16"	31-9/16"	50-13/16"	52-13/16"	53-13/16"
36" X 60" PLATFORM	60-7/16"	62-13/16" - 64-3/16"	31-9/16"	50-13/16"	52-13/16"	53-13/16"
42" X 60" PLATFORM	60-7/16"	62-13/16" - 64-3/16"	34-9/16"	56-13/16"	58-13/16"	59-13/16"

	A	B
V P L - 3 2 1 0 B	148-1/16"	123"
V P L - 3 2 1 2 B	172-1/16"	147"
V P L - 3 2 1 4 B	196-1/16"	171"



**ELEVATION VIEW**  
(RIGHT HAND UNIT SHOWN)

- NOTES:**
- HOISTWAY IN ACCORDANCE WITH SAFETY CODES (ASME -A18.1) AND TO LOCAL CODES AND REGULATIONS. HOISTWAY TO BE FIRE RATED IN ACCORDANCE WITH APPLICABLE BUILDING CODES IF REQUIRED BY SUCH CODES.
  - PLUMB HOISTWAY DUE TO CLOSE RUNNING CLEARANCES. MUST BE CONSTRUCTED PLUMB ( $\pm 1/8$  IN) AND SQUARE AND TO SIZE SHOWN.
  - NO CONDUIT, WIRING OR PIPING OTHER THAN THAT PERTAINING TO THE UNIT IS PERMITTED IN THE HOISTWAY.

**ILS-00985**  
**SHEET 2 OF 3**  
**REV. 5 (6760)(10/10/18)(BG)**

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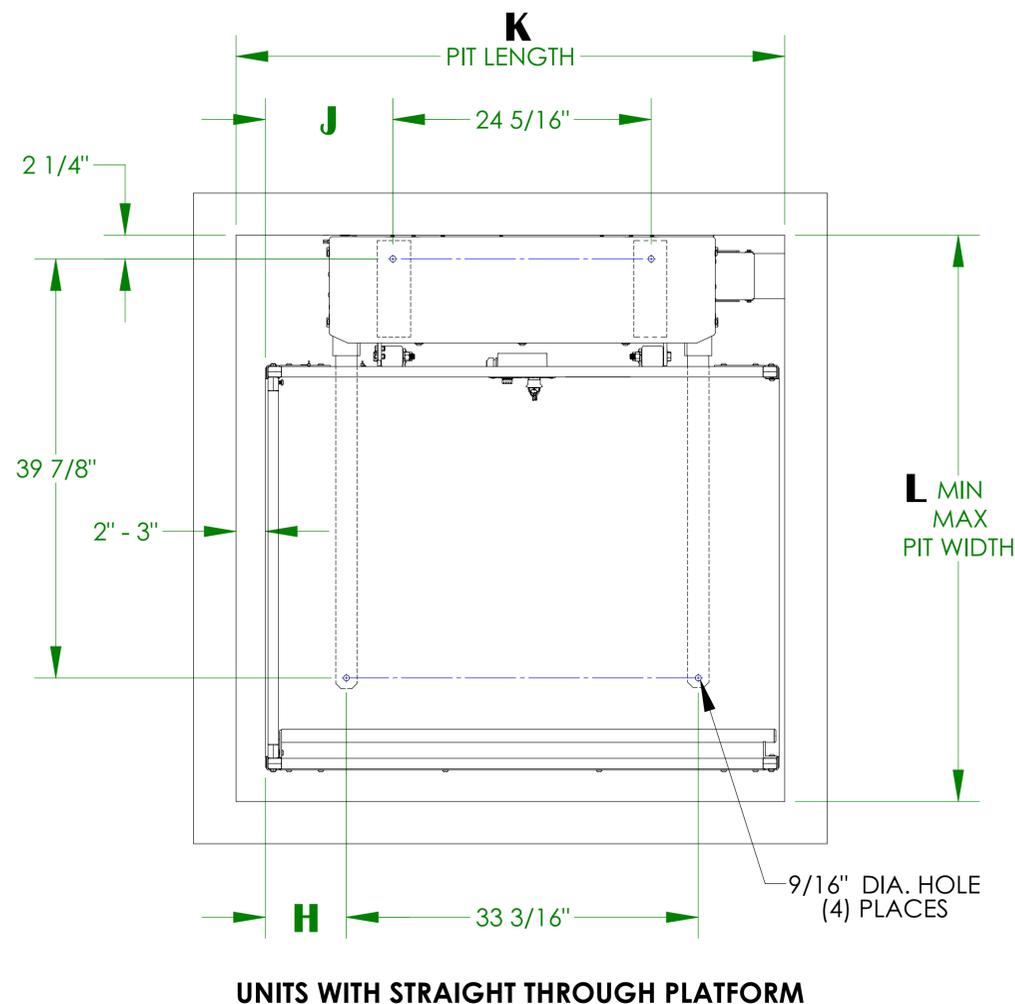
### ANCHOR POINT LOCATIONS/PIT DETAIL

#### TECHNICAL SPECIFICATIONS \*

FLOOR ATTACHMENT:  
VPL MUST BE FASTENED TO CONCRETE SLAB USING FOUR (4) 1/2" (3/8" BOLT) X MINIMUM 2-1/2" LONG CONCRETE ANCHORS SUITABLE FOR THE ENVIRONMENT. FOLLOW SELECTED CONCRETE ANCHOR MANUFACTURERS GUIDELINES AND APPLICABLE CODES.

FLOOR REQUIREMENTS:  
4" THICK 3500 PSI MINIMUM COMPRESSIVE STRENGTH, REINFORCED CONCRETE SLAB.

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