

# UNENCLOSED STRAIGHT-THRU PLATFORM w/PLATFORM GATE (PIT APPLICATION)

## VPL-3100/VPL-3200B SERIES VERTICAL PLATFORM LIFT

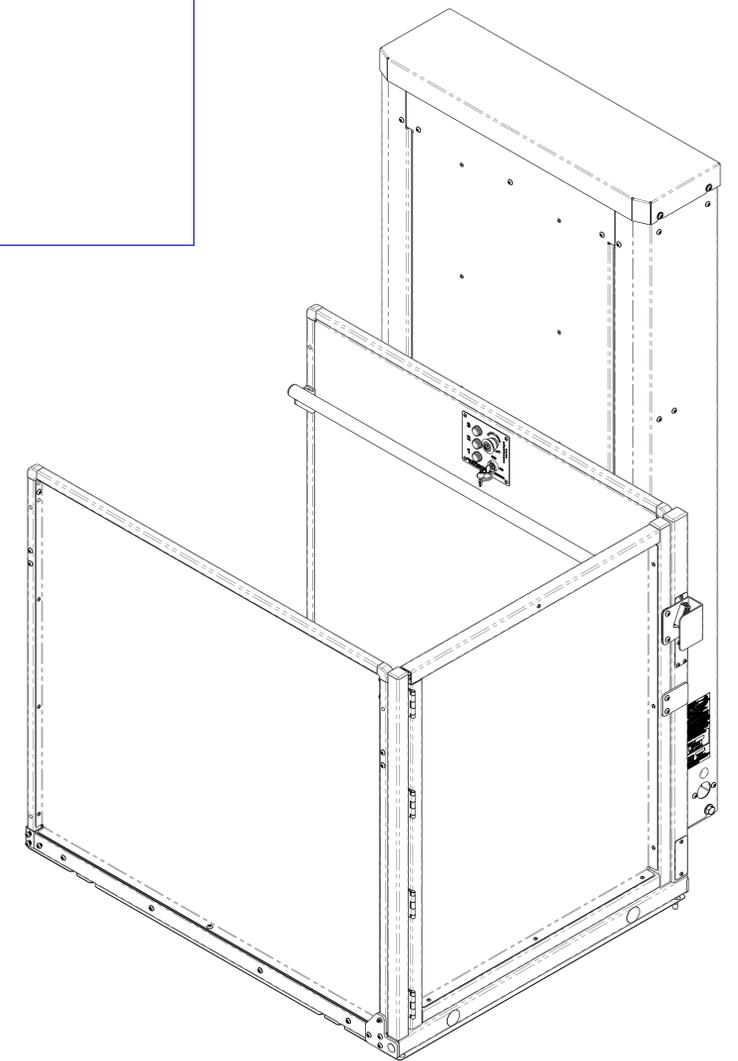
### TECHNICAL DATA/SPECIFICATIONS

RATED LOAD:	750 lbs maximum.
INPUT POWER SOURCE:	
-AC POWERED UNIT:	110-120 Volt 15 Amp 60 Hz dedicated service.
-DC BATTERY POWERED UNIT:	110-120 Volt 3 Amp 60 Hz battery charger.
DRIVE:	
-AC POWERED UNIT:	1 hp motor, 1750 rpm, single phase, 120 VAC, 1.15 service factor, continuous duty.
-DC BATTERY POWERED UNIT:	VPL-3100B: 1/2 hp motor, 1750 rpm, 24 VDC, continuous duty. 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-3100: 1" dia. ACME screw w/bronze nut and bronze safety back up nut. VPL-3200B: 1.25" dia. ACME screw w/bronze nut and bronze safety back up nut.
MOTOR CONTROLLER:	
-AC POWERED UNIT:	24 VAC Relay control.
-DC BATTERY POWERED UNIT:	24 VDC Relay control.
SPEED:	
-AC POWERED UNIT:	9 feet per minute maximum.
-DC BATTERY POWERED UNIT:	10 feet per minute maximum

For complete technical specifications please see  
ILS-00834 "VPL-3100 Series Residential Vertical Platform Lift Technical Specification"  
ILS-00986 "VPL-3200B Series Residential Vertical Platform Lift Technical Specification"

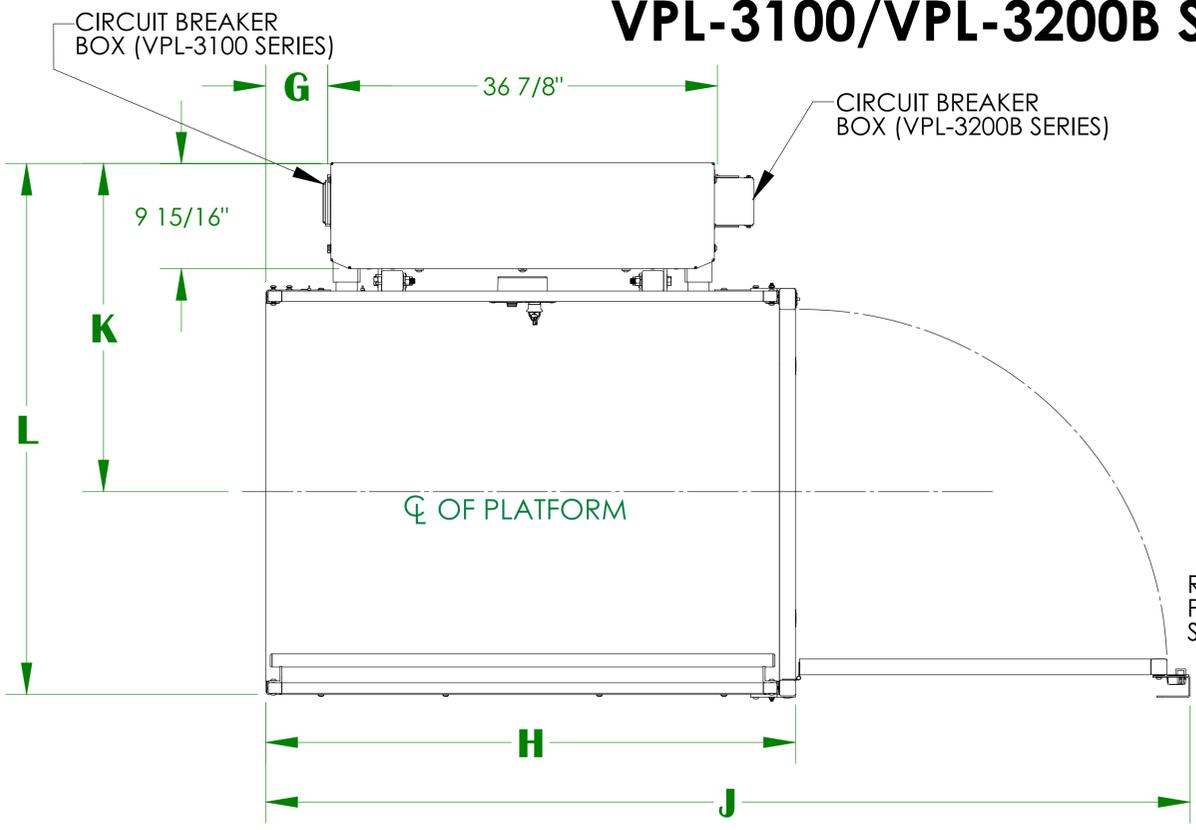
### PERFORMANCE STANDARDS

USA FOOD & DRUG ADMINISTRATION: CLASS II, 510(K) Exempt, File No. 890.3930,  
Product Code: PCE  
ANSI/ASME: A18.1-2011 Section 5 Safety Standards for Platform Lifts and Stairway Chairlifts  
CSA B613-00 (JAN 2002) Private Residence Lifts for Persons with Physical Disabilities  
ANSI/ASME: CSA B44.1-11/ASME-A17.5-2011 Elevator and Escalator Electrical Equipment



# UNENCLOSED STRAIGHT-THRU PLATFORM w/PLATFORM GATE (PIT APPLICATION)

## VPL-3100/VPL-3200B SERIES VERTICAL PLATFORM LIFT

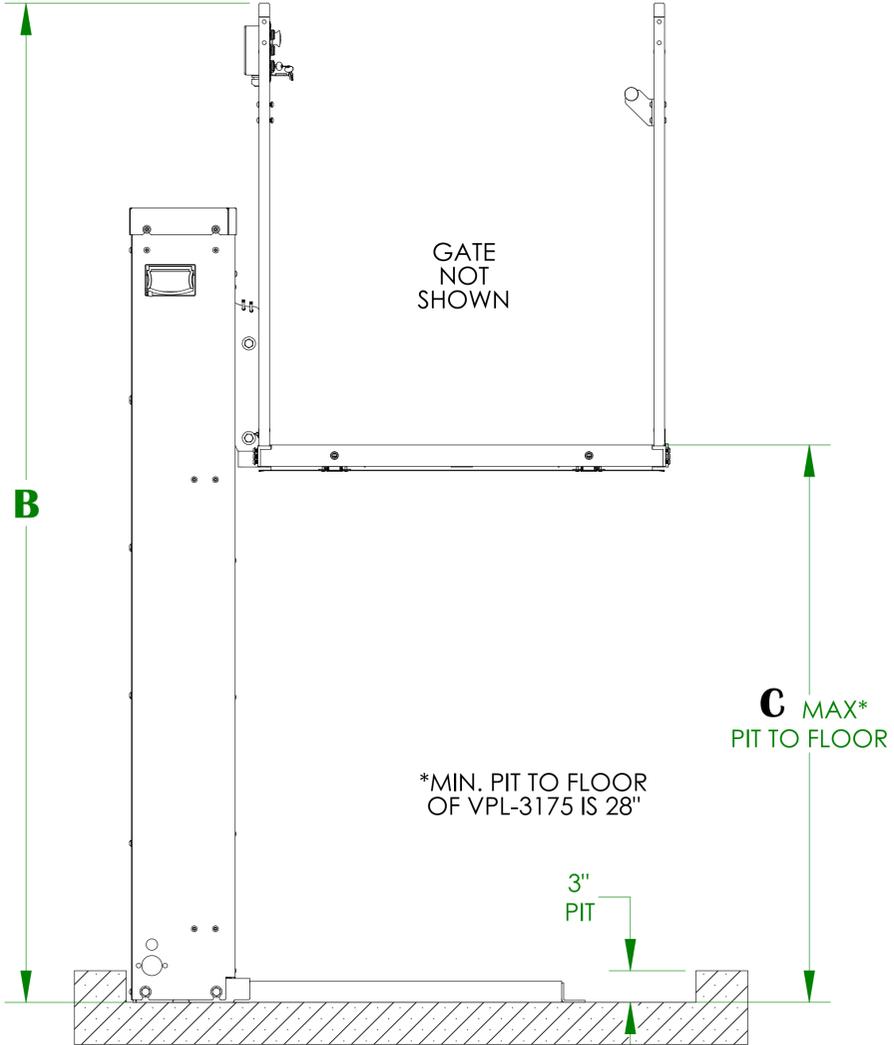
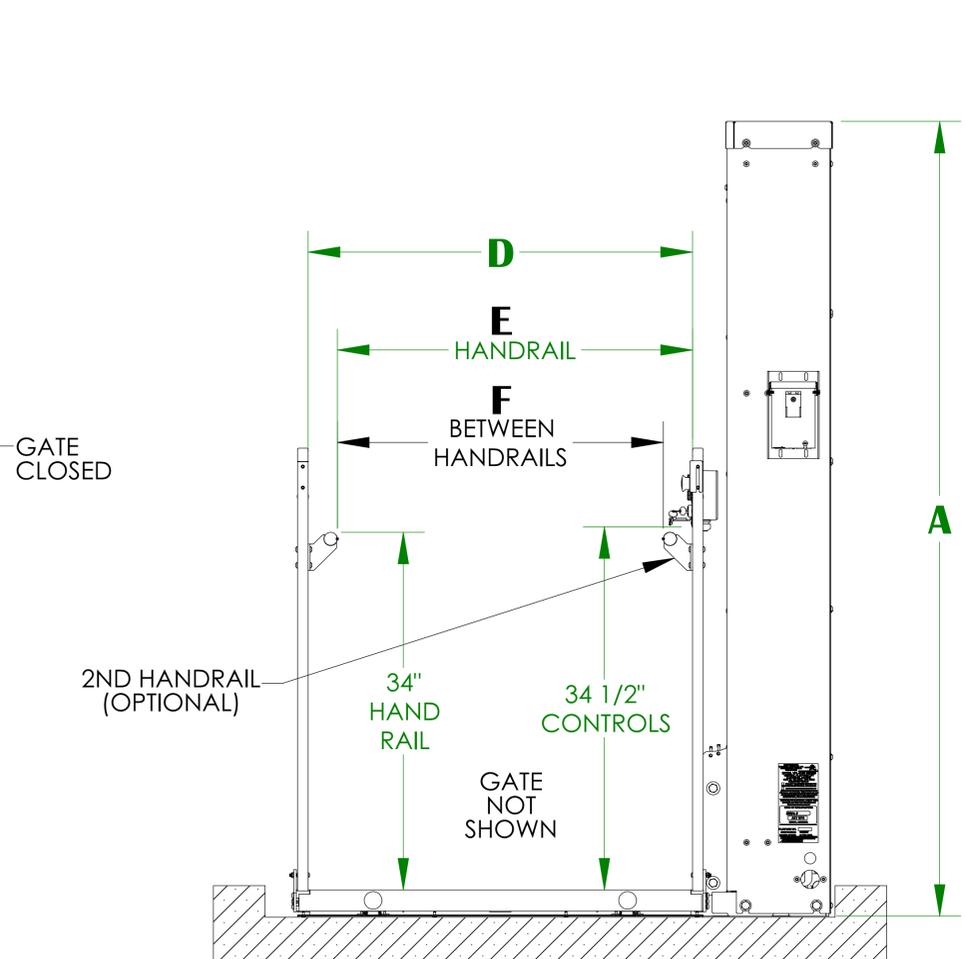
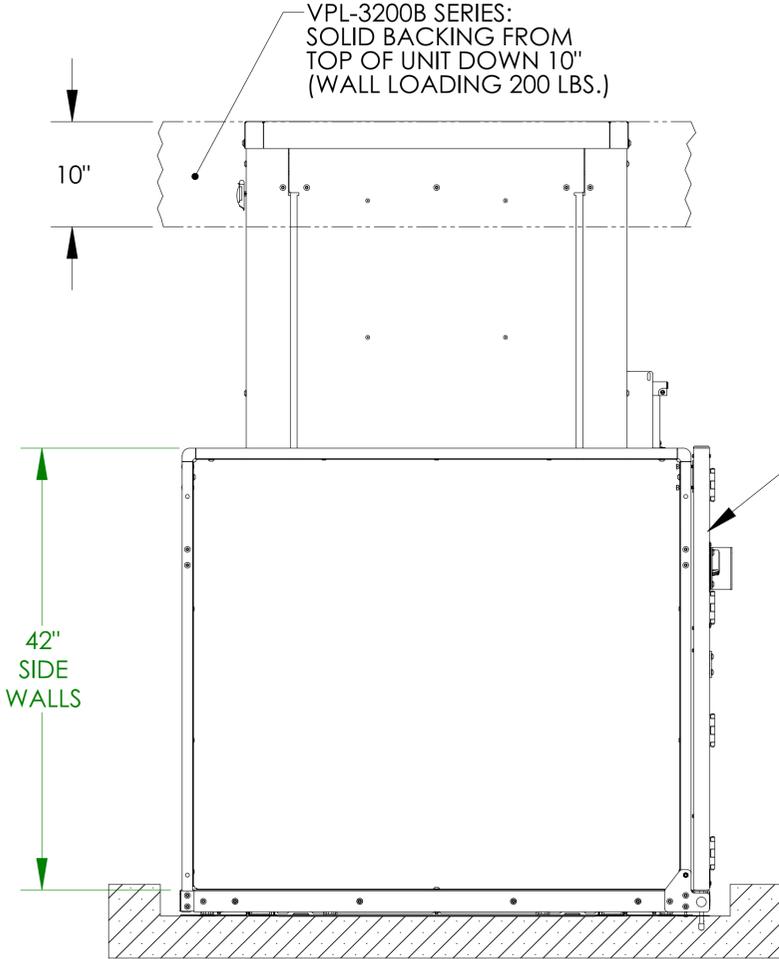


	D	E	F	G	H	J	K	L
36" X 48" PLATFORM	36-1/4"	33-1/2"	30-3/4"	5-3/4"	49-15/16"	87-3/16"	31-9/16"	50-13/16"
36" X 54" PLATFORM	36-1/4"	33-1/2"	30-3/4"	8-3/4"	55-15/16"	93-3/16"	31-9/16"	50-13/16"
36" X 60" PLATFORM	36-1/4"	33-1/2"	30-3/4"	11-3/4"	61-15/16"	99-3/16"	31-9/16"	50-13/16"
42" X 60" PLATFORM	42-1/4"	39-1/2"	36-3/4"	11-3/4"	61-15/16"	105-3/16"	34-9/16"	56-13/16"

	A	B	C
VPL-3153	75-9/16"	95"	53"
VPL-3175	97-9/16"	117"	75"
VPL-3210B	148-1/16"	165"	123"
VPL-3212B	172-1/16"	189"	147"
VPL-3214B	196-1/16"	213"	171"

RIGHT HAND UNIT SHOWN

RIGHT & LEFT SWING PLATFORM GATES AVAILABLE



NOTES: 1) PLATFORM GATE CAN BE MOUNTED ON EITHER SIDE OF THE PLATFORM  
2) SEE ILS-00938 FOR LANDING GATE DETAIL/ALIGNMENT

Bruno Independent Living Aids, Inc., 1780 Executive Drive, P.O. Box 84, Oconomowoc, WI 53066  
Phone (800) 882-8183 Fax (262) 953-5501  
Any reproduction or other use of these materials without written permission of Bruno Independent Living Aids, Inc. is expressly prohibited. Bruno Independent Living Aids, Inc. reserves the right to modify or make changes to these specifications at any time with out notice.



**ILS-00933**  
**SHEET 2 OF 3**  
**REV. 6 (5328)(4/8/13)(DPG)**

# UNENCLOSED STRAIGHT-THRU PLATFORM w/PLATFORM GATE (PIT APPLICATION)

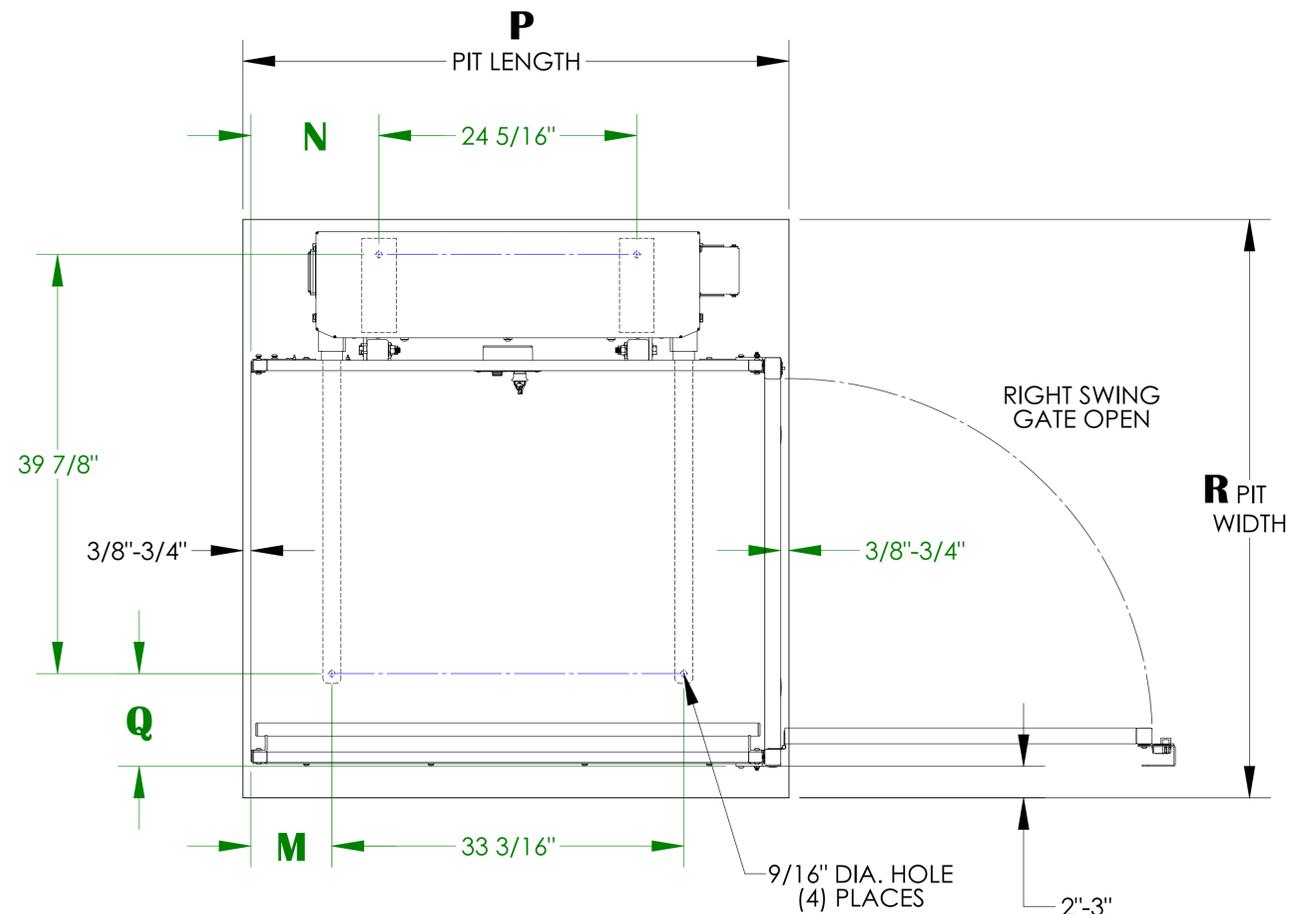
## VPL-3100/VPL-3200B SERIES VERTICLE PLATFORM LIFT ANCHOR POINT LOCATIONS/PIT DETAIL

### 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.

For complete technical specifications please see  
ILS-00834 "VPL-3100 Series Residential Vertical Platform Lift Technical Specification"  
ILS-00986 "VPL-3200B Series Residential Vertical Platform Lift Technical Specification"



UNITS WITH STRAIGHT THROUGH PLATFORM WITH PLATFORM GATE  
(PIT APPLICATION)

	M	N	P	Q	R
36" X 48" PLATFORM	7-5/8"	12-1/16"	50-3/4" - 51-1/2"	9"	54" - 55"
36" X 54" PLATFORM	10-5/8"	15-1/16"	56-3/4" - 57-1/2"	9"	54" - 55"
36" X 60" PLATFORM	13-5/8"	18-1/16"	62-3/4" - 63-1/2"	9"	54" - 55"
42" X 60" PLATFORM	13-5/8"	18-1/16"	62-3/4" - 63-1/2"	15"	60" - 61"

