

# UNENCLOSED 90° / ADJACENT EXIT PLATFORM w/ PLATFORM GATE (PIT APPLICATION)

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

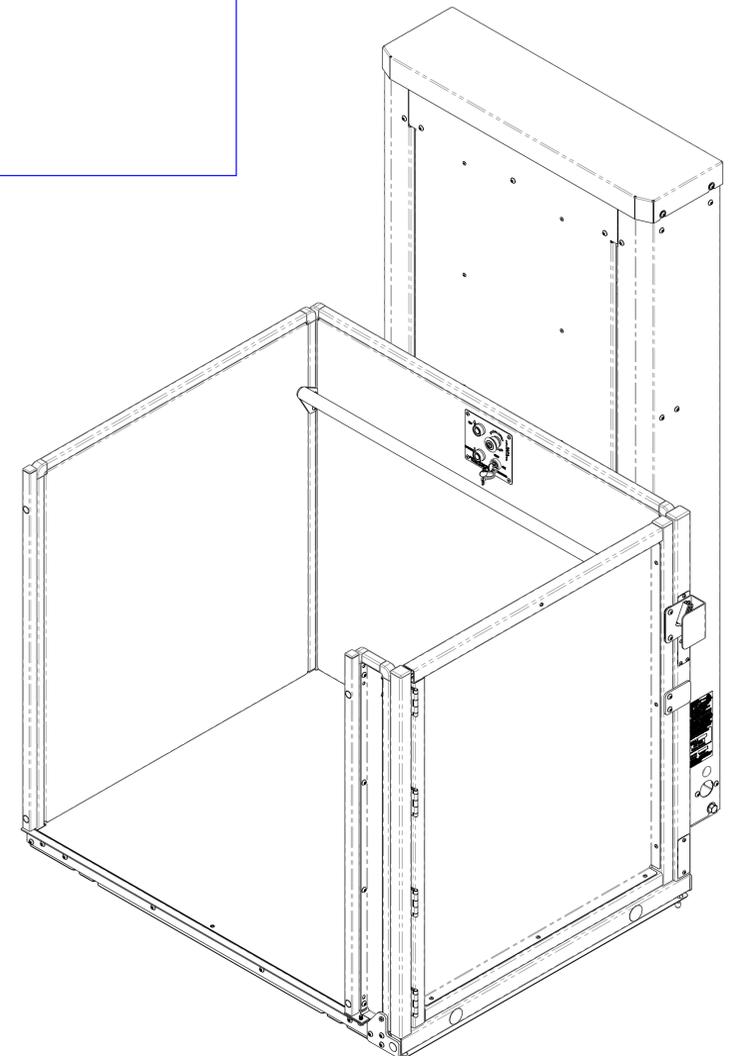
### TECHNICAL DATA/SPECIFICATIONS

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"

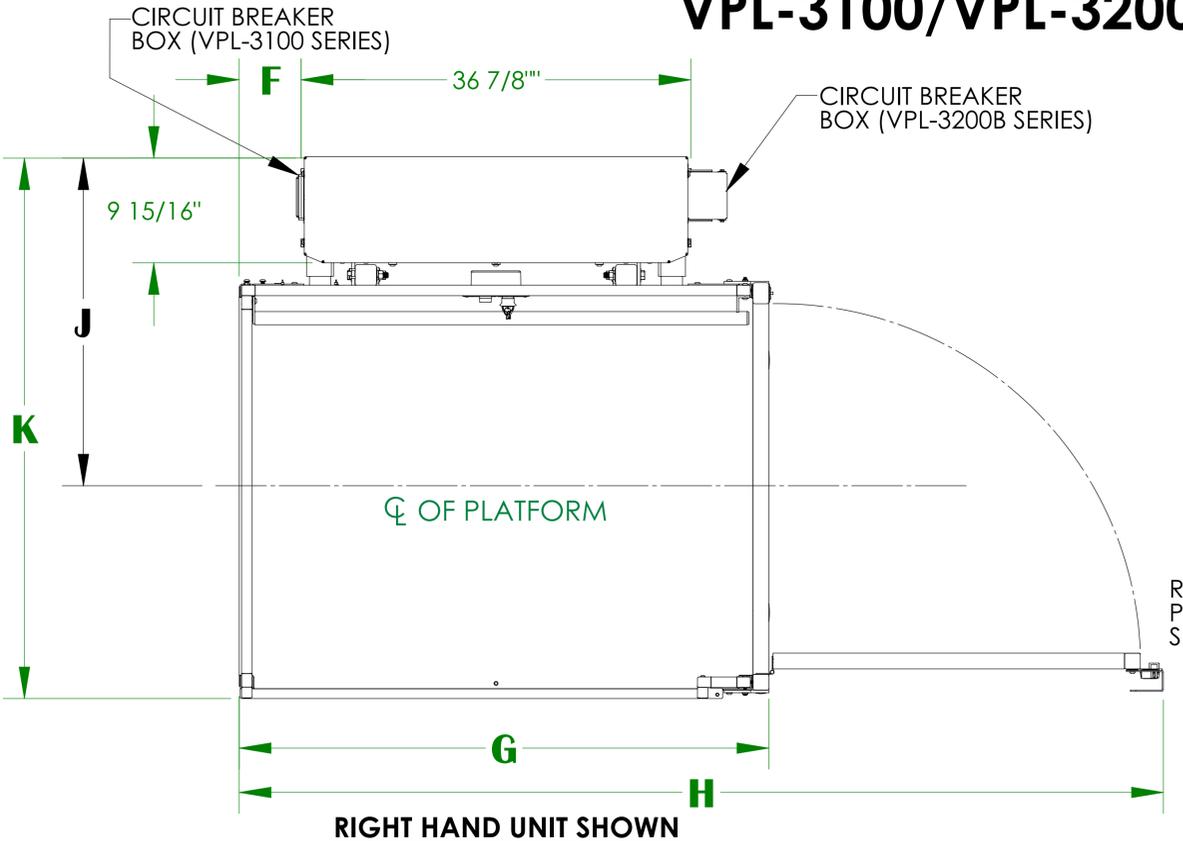
### PERFORMANCE STANDARDS

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



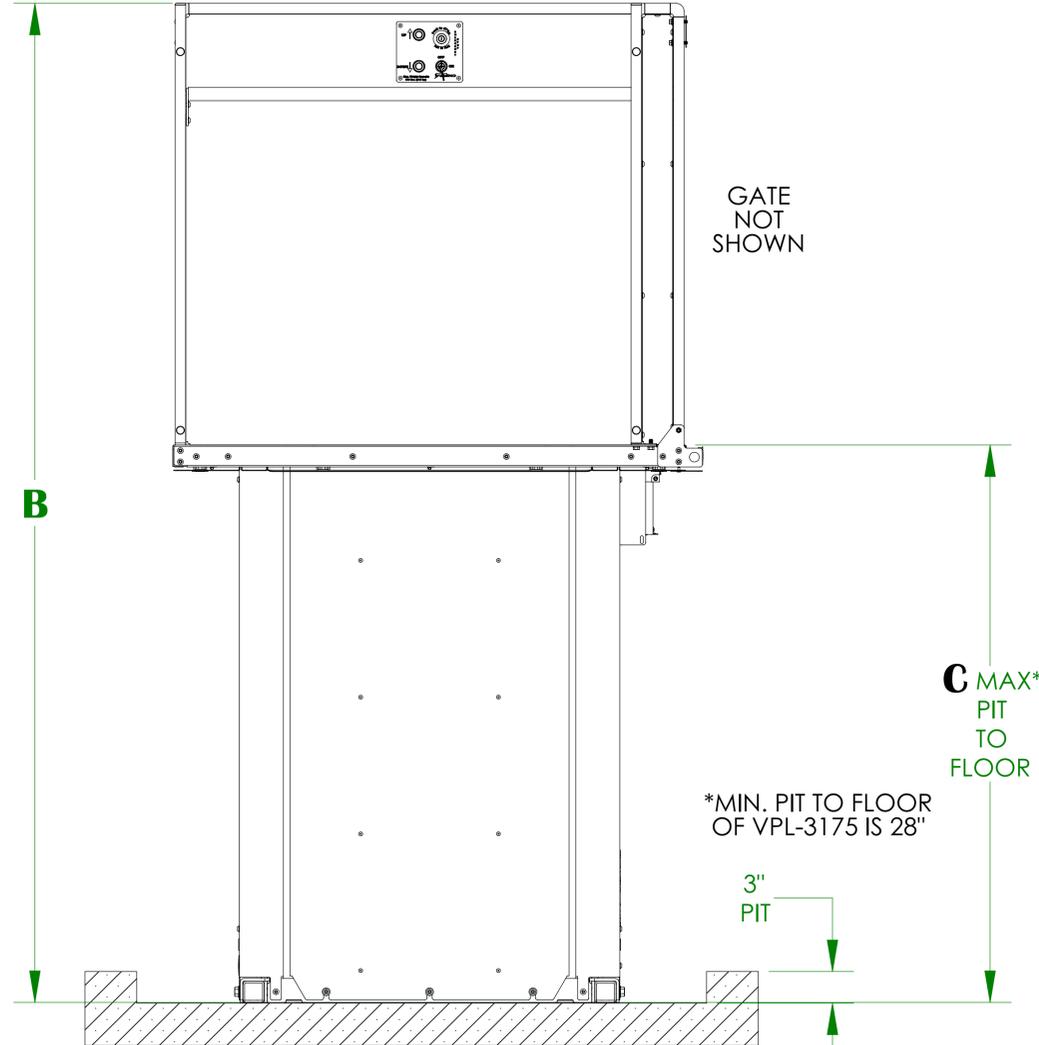
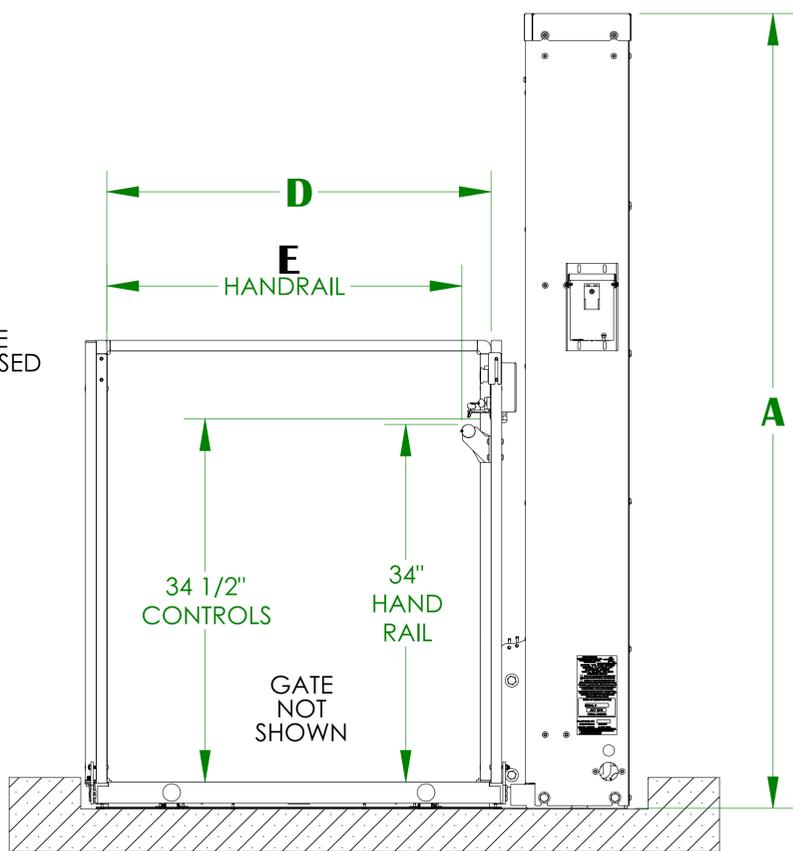
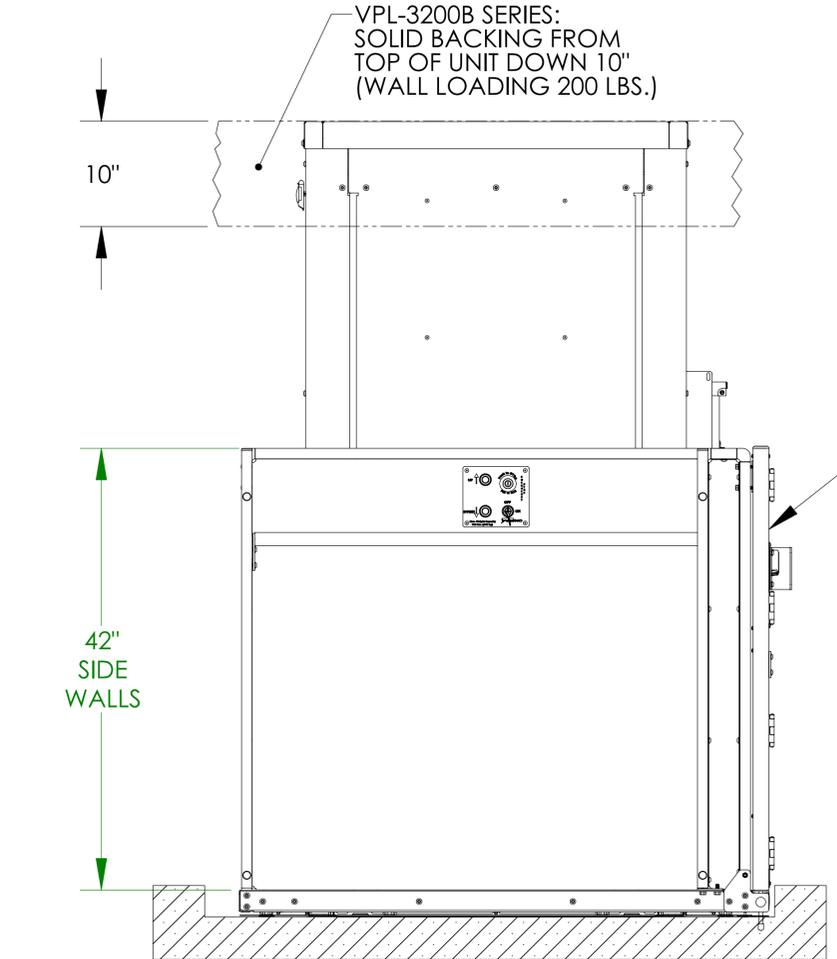
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## VPL-3100/VPL-3200B SERIES VERTICAL PLATFORM LIFT



	D	E	F	G	H	J	K
36" X 48" PLATFORM	36-1/4"	33-1/2"	5-3/4"	49-15/16"	87-3/16"	31-9/16"	51-11/16"
36" X 54" PLATFORM	36-1/4"	33-1/2"	8-3/4"	55-15/16"	93-3/16"	31-9/16"	51-11/16"
36" X 60" PLATFORM	36-1/4"	33-1/2"	11-3/4"	61-15/16"	99-3/16"	31-9/16"	51-11/16"
42" X 60" PLATFORM	42-1/4"	39-1/2"	11-3/4"	61-15/16"	105-3/16"	34-9/16"	57-11/16"

	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"



**ILS-00935**  
**SHEET 2 OF 3**  
**REV. 6 (5328)(4/8/13)(DPG)**

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

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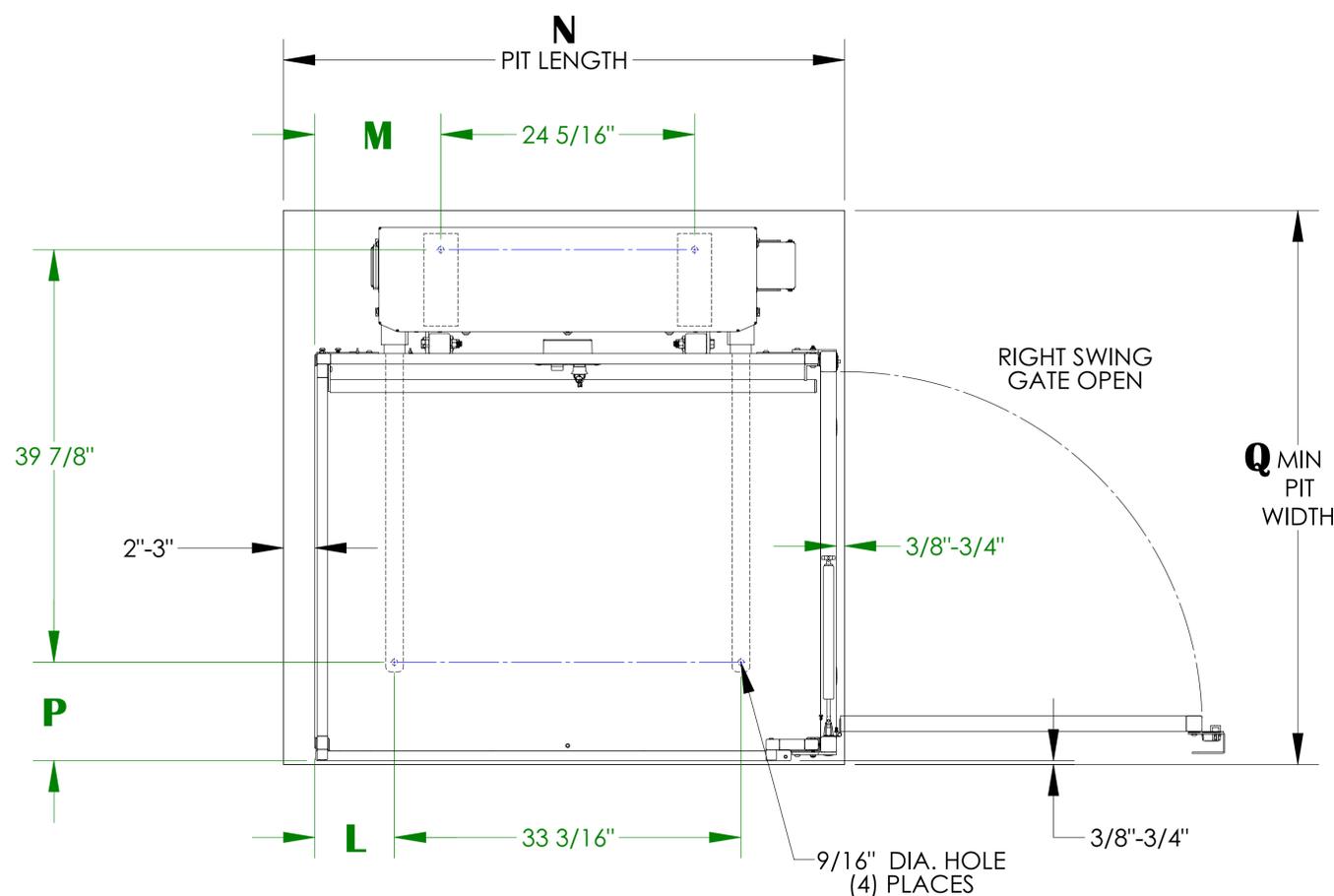
## VPL-3100/VPL-3200B SERIES VERTICAL PLATFORM LIFT ANCHOR POINT LOCATIONS/PIT DETAIL

### TECHNICAL SPECIFICATIONS

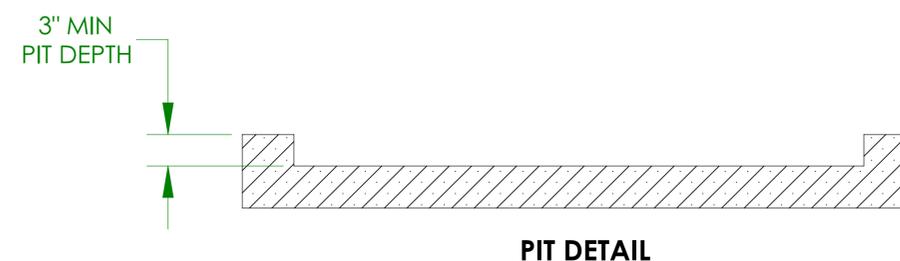
FLOOR ATTACHMENT:  
VPL MUST BE FASTENED TO CONCRETE SLAB USING FOUR (4) 1/2" (3/8" BOLT)  
X MINIMUM 2-1/2" LONG CONCRETE ANCHORS SUITABLE FOR THE ENVIRONMENT.  
FOLLOW SELECTED CONCRETE ANCHOR MANUFACTURERS GUIDELINES AND  
APPLICABLE CODES.

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"



	L	M	N	P	Q
36" X 48" PLATFORM	7-5/8"	12-1/16"	52-3/8" - 53-3/4"	9-11/16"	53-1/2"
36" X 54" PLATFORM	10-5/8"	15-1/16"	58-3/8" - 59-3/4"	9-11/16"	53-1/2"
36" X 60" PLATFORM	13-5/8"	18-1/16"	64-3/8" - 65-3/4"	9-11/16"	53-1/2"
42" X 60" PLATFORM	13-5/8"	18-1/16"	64-3/8" - 65-3/4"	15-11/16"	59-1/2"



UNITS WITH 90° / ADJACENT EXIT PLATFORM WITH PLATFORM GATE  
(PIT APPLICATION)