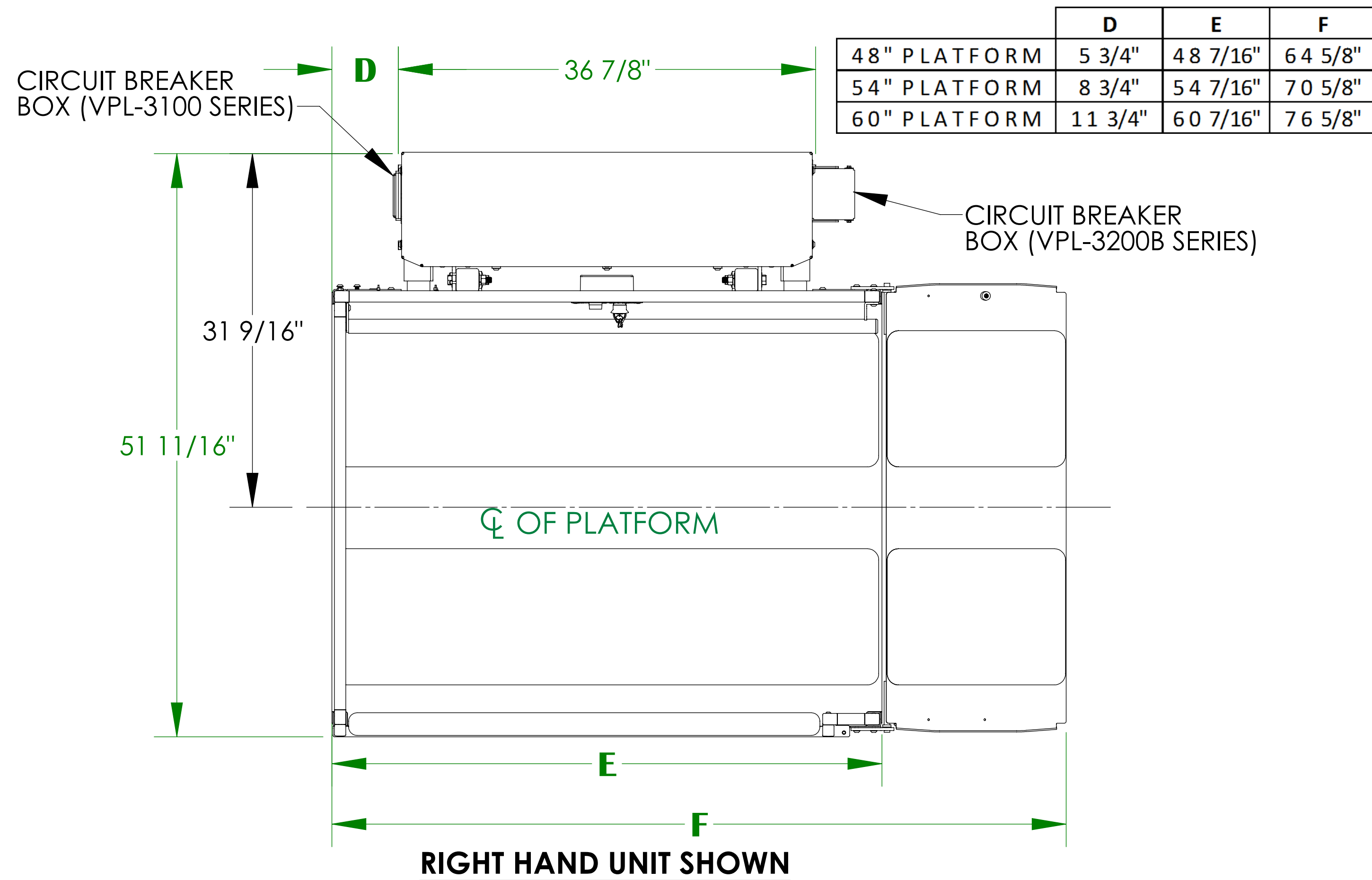


# UNENCLOSED 90°/ADJACENT EXIT PLATFORM (NO PIT)

## 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

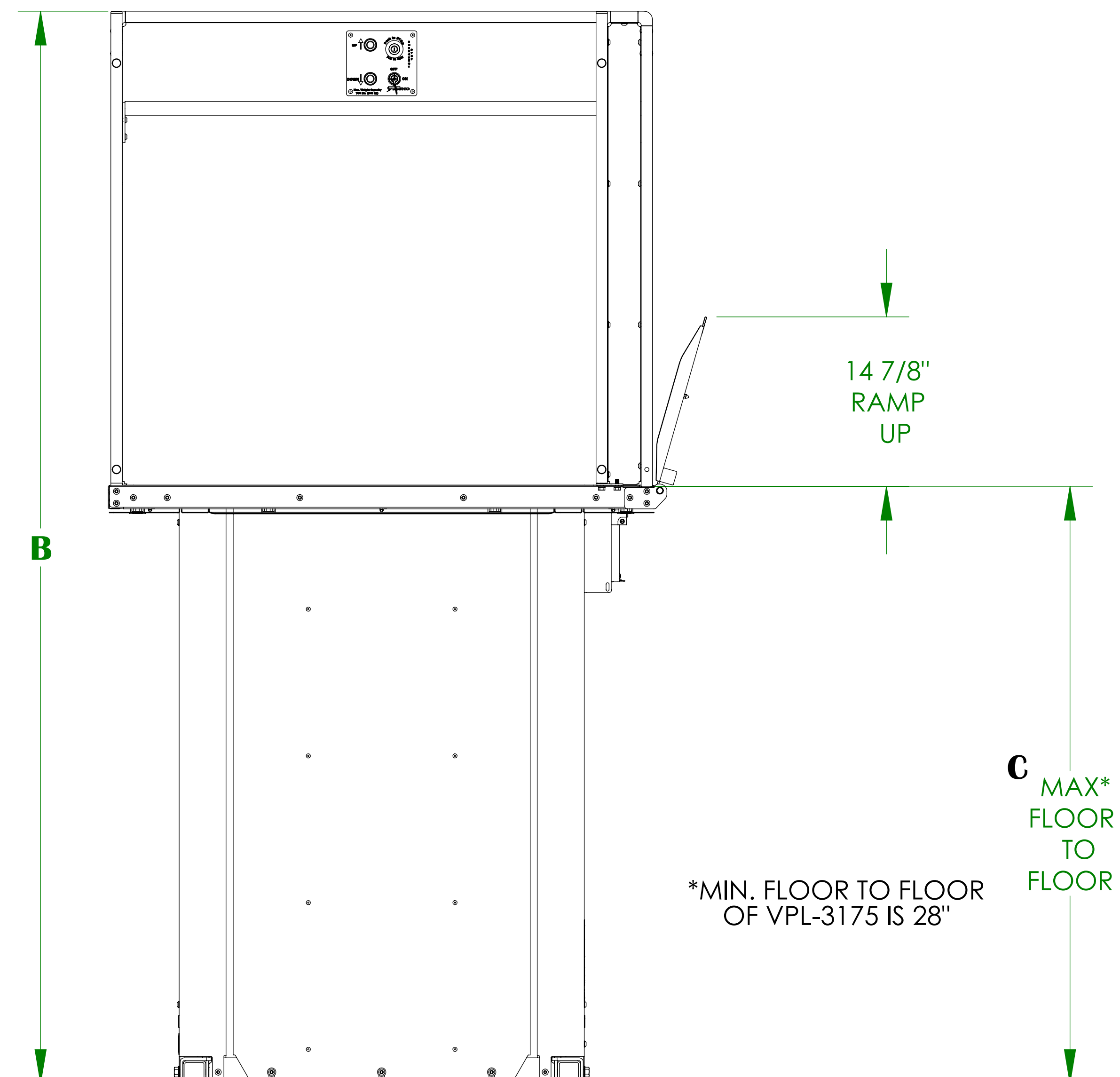
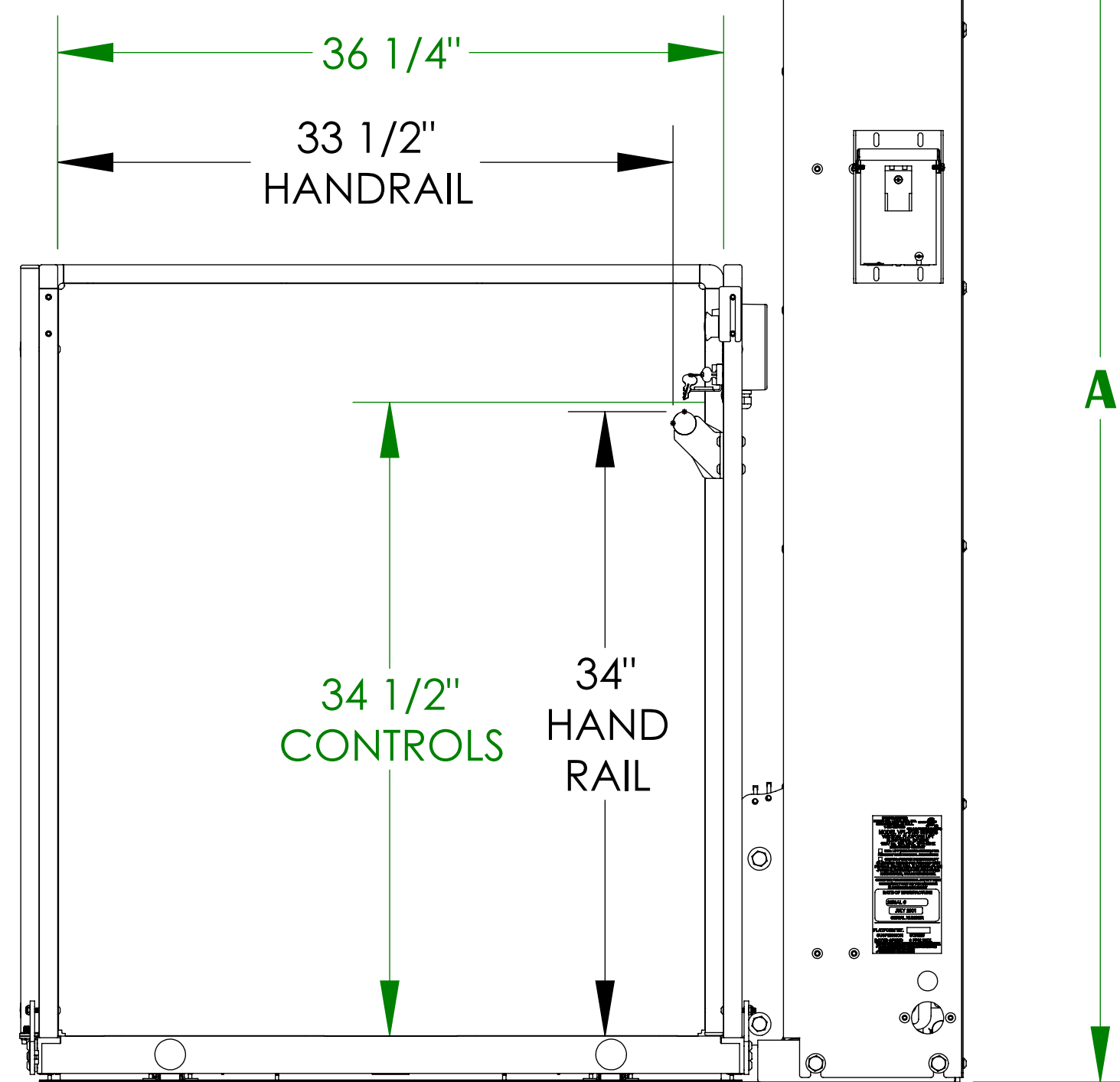
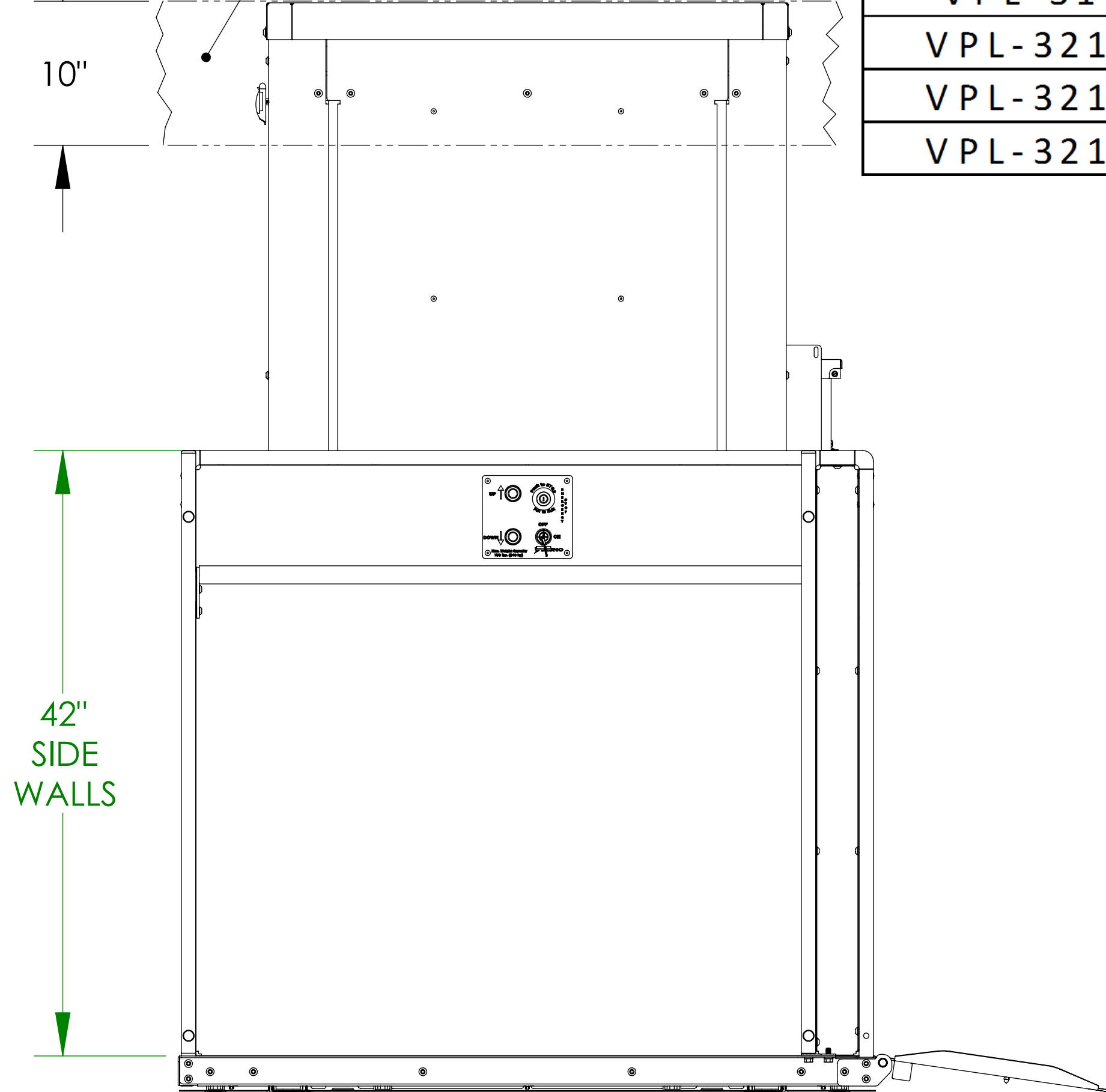
For complete technical specifications please see  
**ILS-00834 "VPL-3100 Series Residential Vertical Platform Lift Technical Specification"**  
**ILS-00986 "VPL-3200B Series Residential Vertical Platform Lift Technical Specification"**

### PERFORMANCE STANDARDS

USA FOOD & DRUG ADMINISTRATION: None  
 ANSI/ASME: A18.1-2008 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 B44.1-04/ASME-A17.5-2004 Elevator and Escalator Electrical Equipment

VPL-3200B SERIES:  
 SOLID BACKING FROM  
 TOP OF UNIT DOWN 10"  
 (WALL LOADING 200 LBS.)

	A	B	C
V P L - 3153	75 9/16"	95"	53"
V P L - 3175	99 9/16"	117"	75"
V P L - 3210B	148 1/16"	165"	123"
V P L - 3212B	172 1/16"	189"	147"
V P L - 3214B	196 1/16"	213"	171"



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

# UNENCLOSED 90°/ADJACENT EXIT PLATFORM (NO PIT)

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

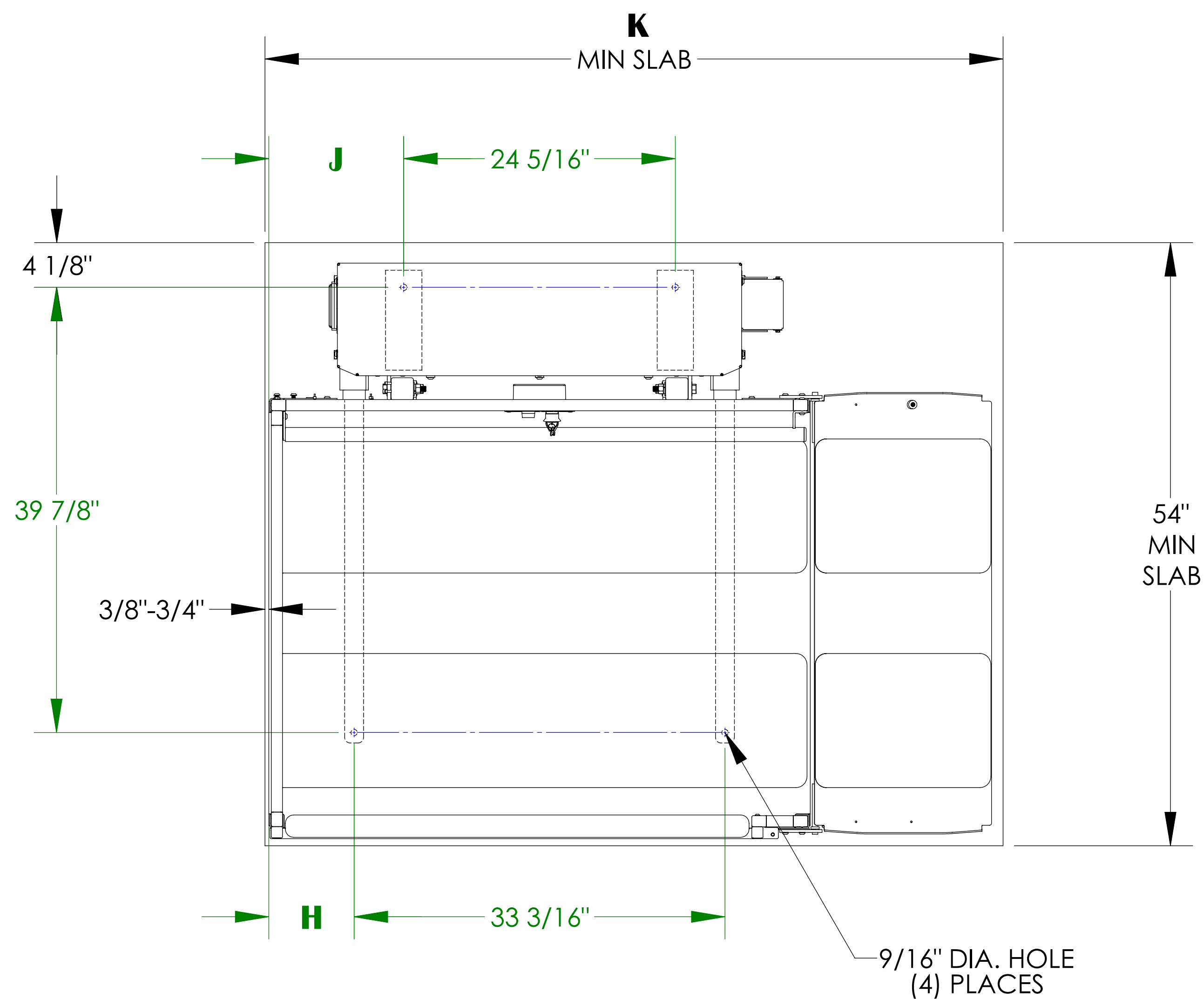
	H	J	K
48" PLATFORM	7 5/8"	12 1/16"	66"
54" PLATFORM	10 5/8"	15 1/16"	72"
60" PLATFORM	13 5/8"	18 1/16"	78"

### 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 specification please see  
**ILS-00834 "VPL-3100 Series Residential Vertical Platform Lift Technical Specification"**  
**ILS-00986 "VPL-3200B Series Residential Vertical Platform Lift Technical Specifications"**



UNITS WITH 90°/ADJACENT EXIT PLATFORM

# UNENCLOSED 90°/ADJACENT EXIT PLATFORM (NO PIT)

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

**TECHNICAL DATA/SPECIFICATIONS**

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INPUT POWER SOURCE:  
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INTERMEDIATE REDUCTION: Dual 4L style Poly-V belts and pulleys, 3.94:1 pulley reduction.

FINAL DRIVE:  
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 VPL-3200B: 1.25" dia. ACME screw w/bronze nut and bronze safety back up nut.

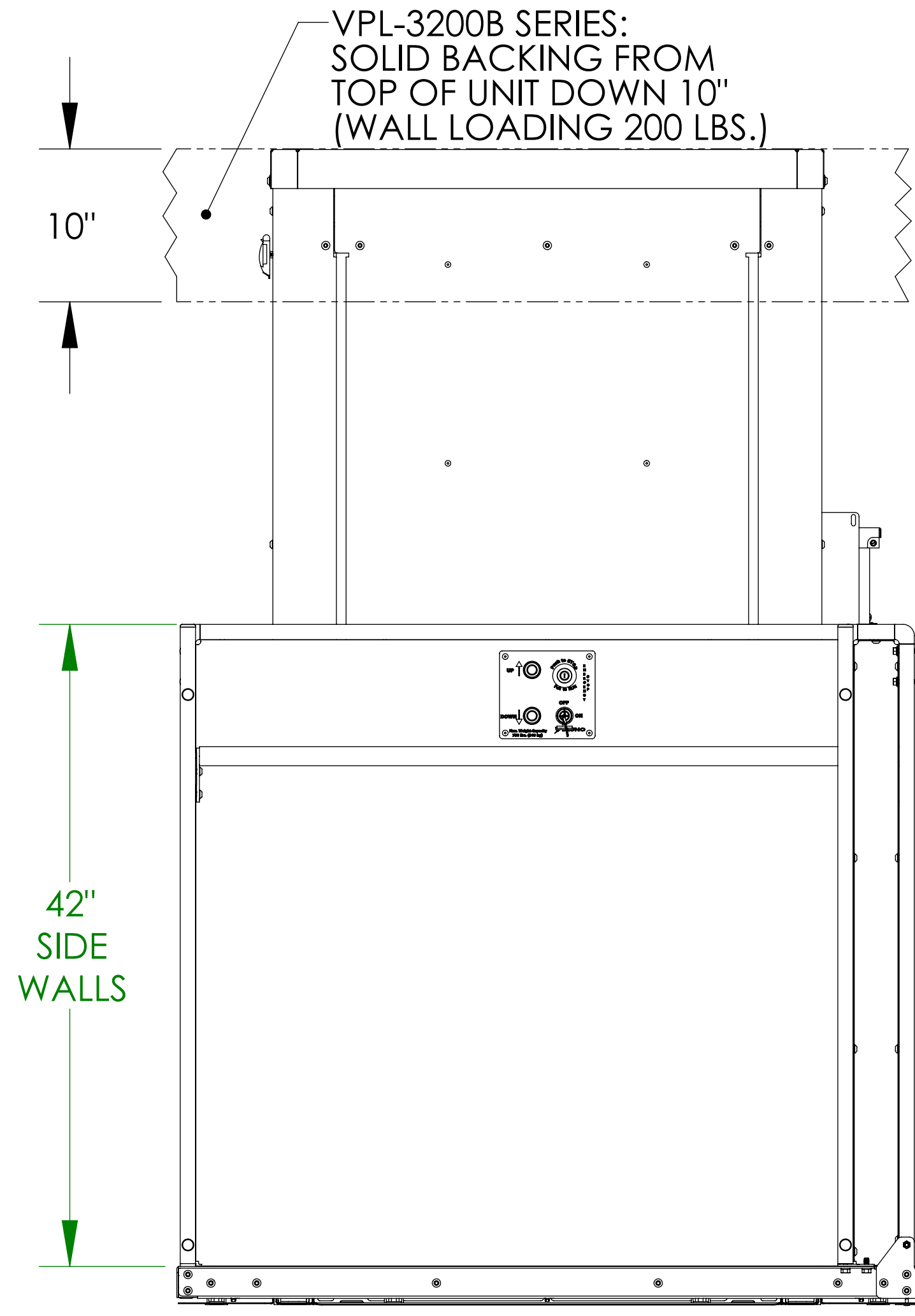
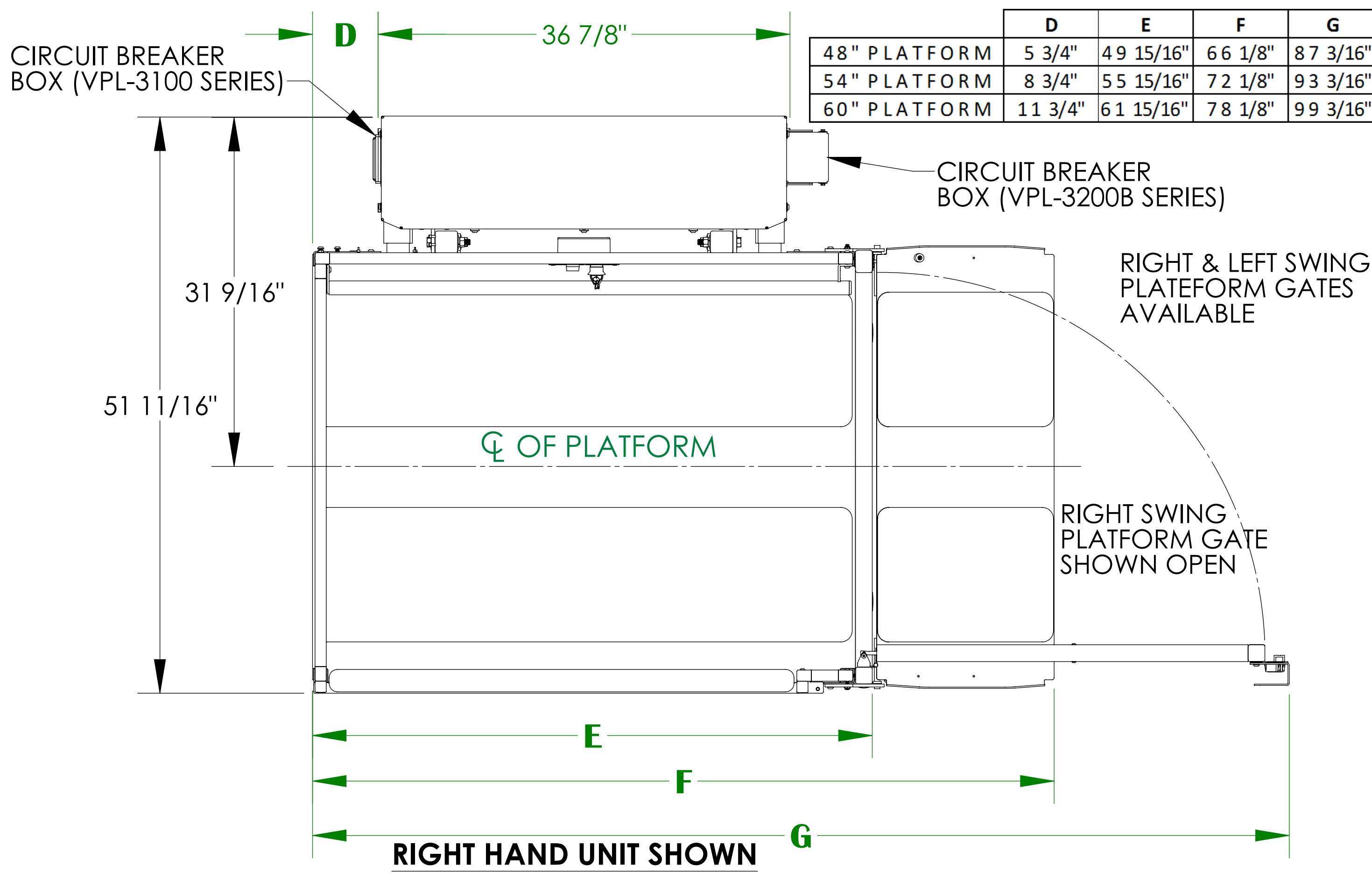
MOTOR CONTROLLER:  
 -AC POWERED UNIT: 24 VAC Relay control.  
 -DC BATTERY POWERED UNIT: 24 VDC Relay control.

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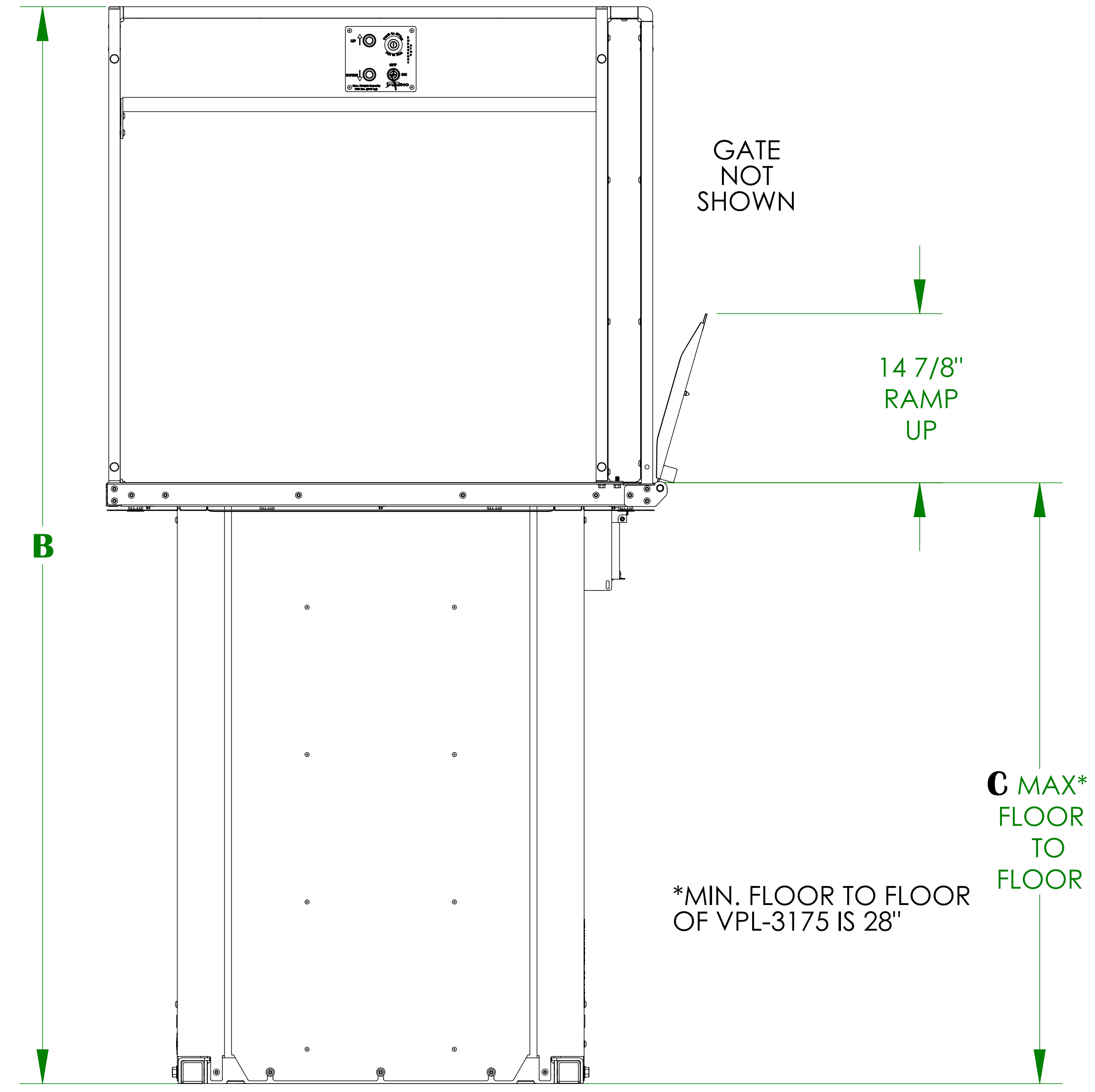
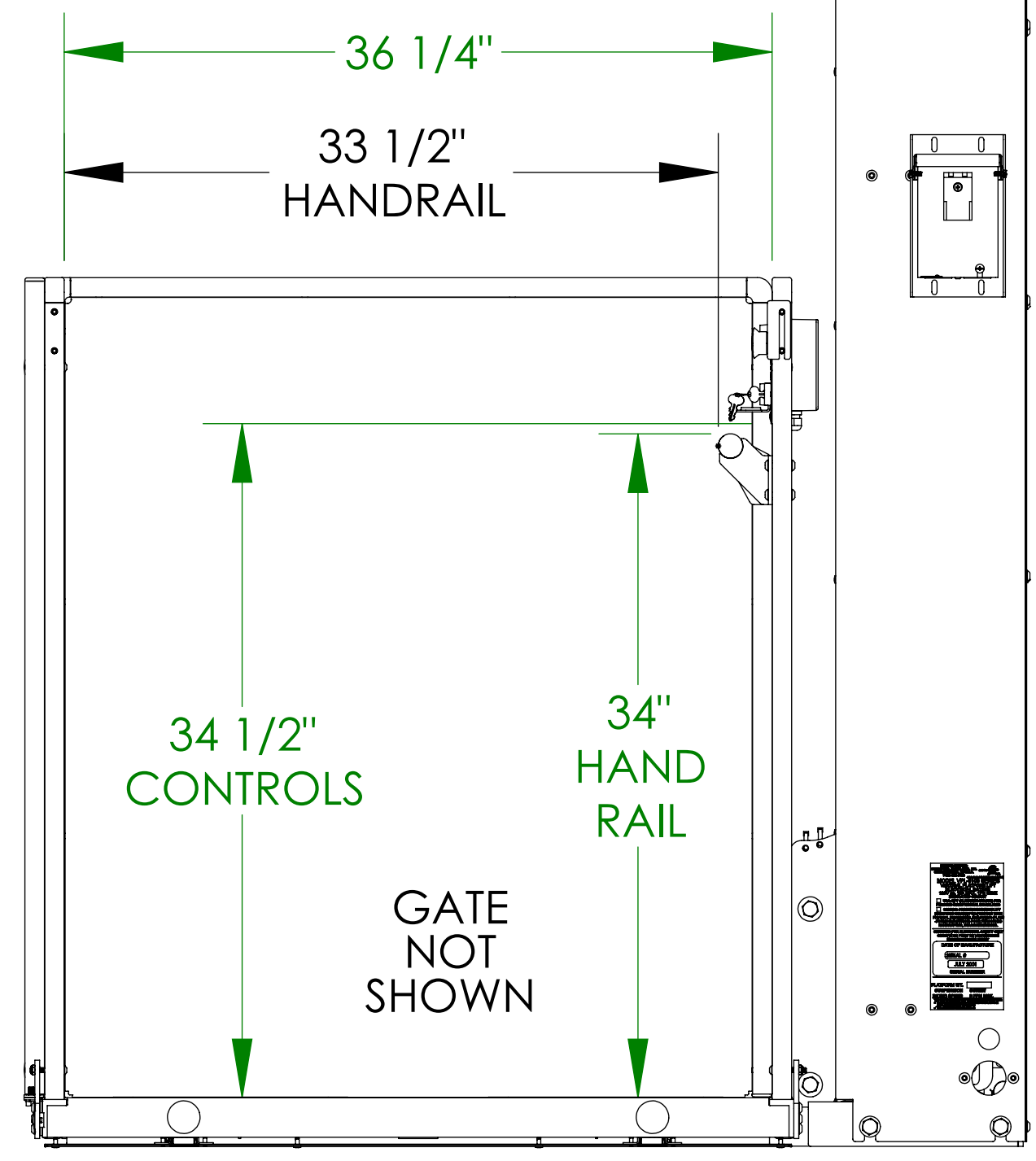
**For complete technical specifications please see**  
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**ILS-00986 "VPL-3200B Series Residential Vertical Platform Lift Technical Specification"**

**PERFORMANCE STANDARDS**

USA FOOD & DRUG ADMINISTRATION: None  
 ANSI/ASME: A18.1-2008 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 B44.1-04/ASME-A17.5-2004 Elevator and Escalator Electrical Equipment

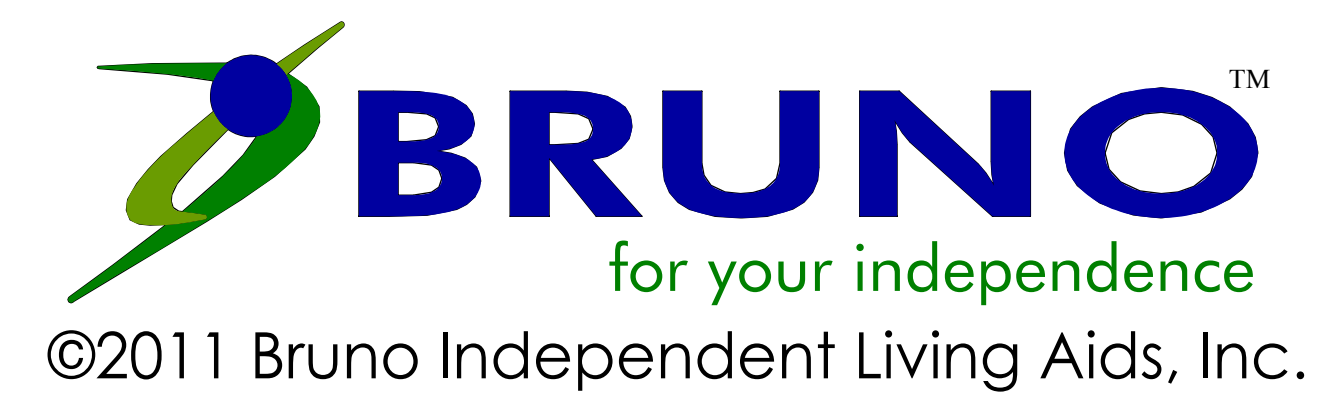


	A	B	C
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VPL-3175	99 9/16"	117"	75"
VPL-3210B	148 1/16"	165"	123"
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VPL-3214B	196 1/16"	213"	171"



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

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**ILS-00934** <sup>3</sup> ALL DIMENSIONS CHANGED TO FRACTIONS  
**SHEET 3 OF 4**  
**REV. 4 (4770)(5-10-11)(DRS)**

# UNENCLOSED 90°/ADJACENT EXIT PLATFORM (NO PIT)

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

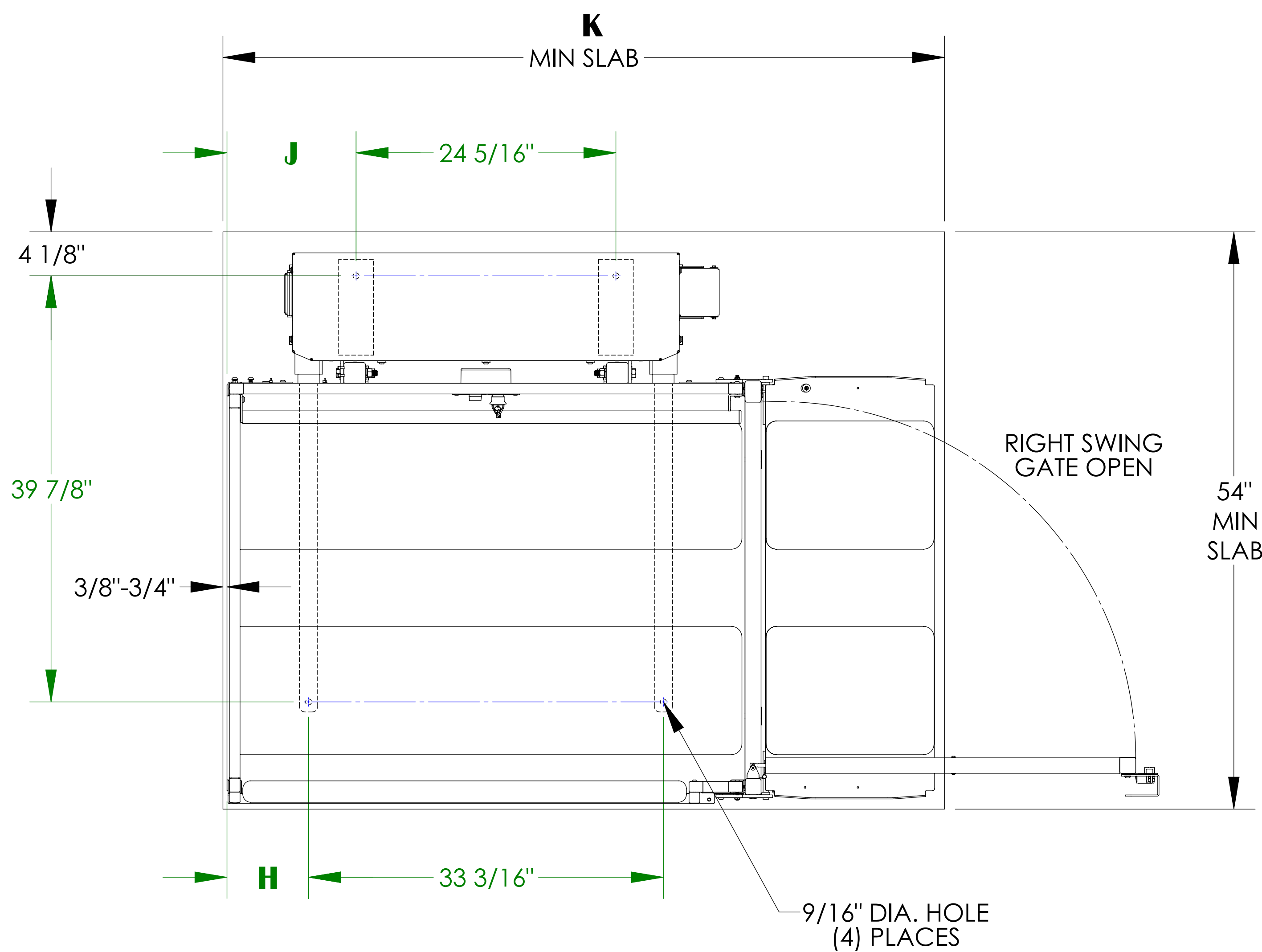
	H	J	K
48" PLATFORM	7 5/8"	12 1/16"	67 1/2"
54" PLATFORM	10 5/8"	15 1/16"	73 1/2"
60" PLATFORM	13 5/8"	18 1/16"	79 1/2"

### 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:**  
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**ILS-00986 "VPL-3200B Series Residential Vertical Platform Lift Technical Specification"**



UNITS WITH 90°/ADJACENT EXIT PLATFORM WITH PLATFORM GATE