

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

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

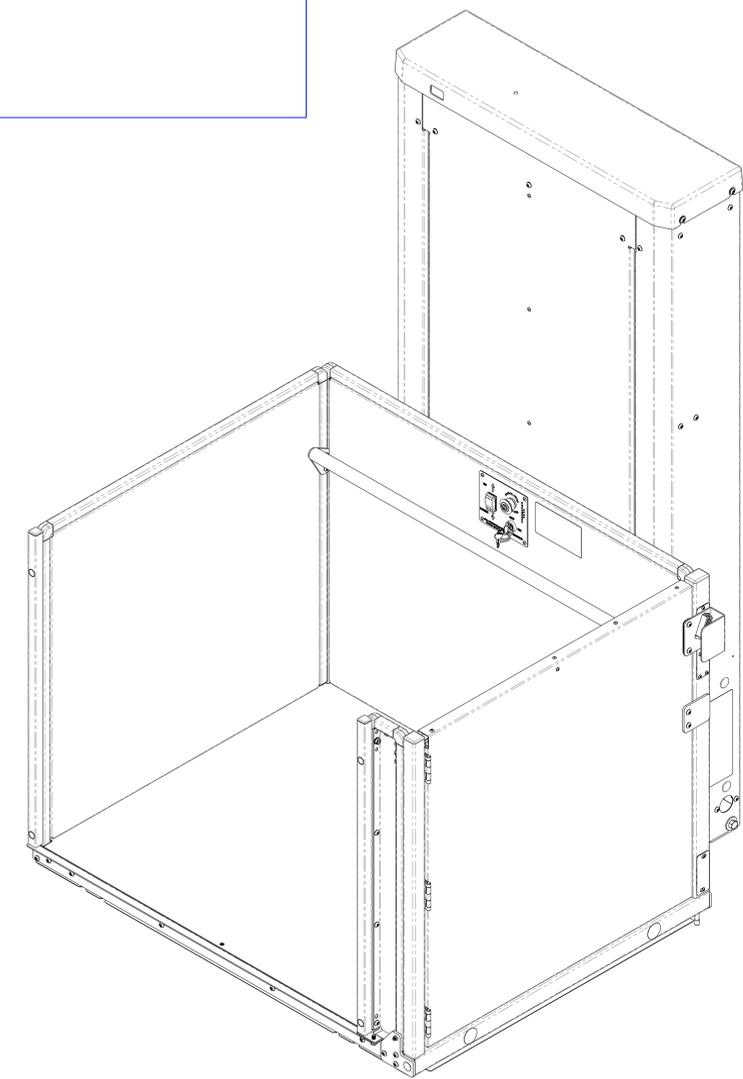
### TECHNICAL DATA/SPECIFICATIONS \*

RATED LOAD:	750 lbs maximum.
INPUT POWER SOURCE:	
-AC POWERED UNIT:	110-120 Volt 8 Amp 60 Hz dedicated service.
-DC BATTERY POWERED UNIT:	110-120 Volt 3 Amp 60 Hz battery charger.
DRIVE:	
-AC POWERED UNIT:	1/2 hp motor, 1750 rpm, 90 VDC, 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

### 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-00834 "VPL-3100 Residential Vertical Platform Lift Technical Specification"  
ILS-00986 "VPL-3210B Residential Vertical Platform Lift Technical Specification"



**ILS-01560**  
**SHEET 1 OF 3**  
**REV. 0 (7683)(11/03/22)(TAK)**

Bruno Independent Living Aids, Inc., 1780 Executive Drive, P.O. Box 84, Oconomowoc, WI 53066  
Phone (800) 882-8183 Fax (262) 953-5501

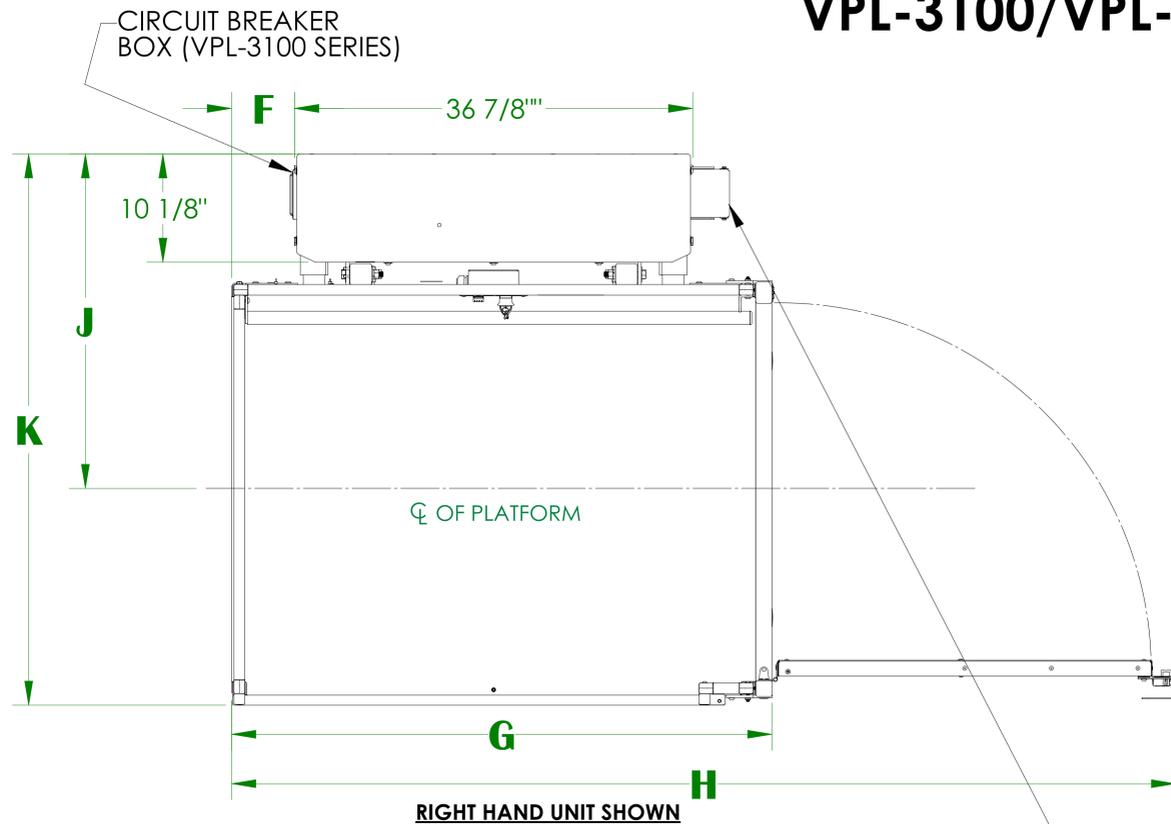
Any reproduction or other use of these materials without written permission of Bruno Independent Living Aids, Inc. is expressly prohibited.  
Bruno Independent Living Aids, Inc. reserves the right to modify or make changes to these specifications at any time without notice.



©Bruno Independent Living Aids, Inc.

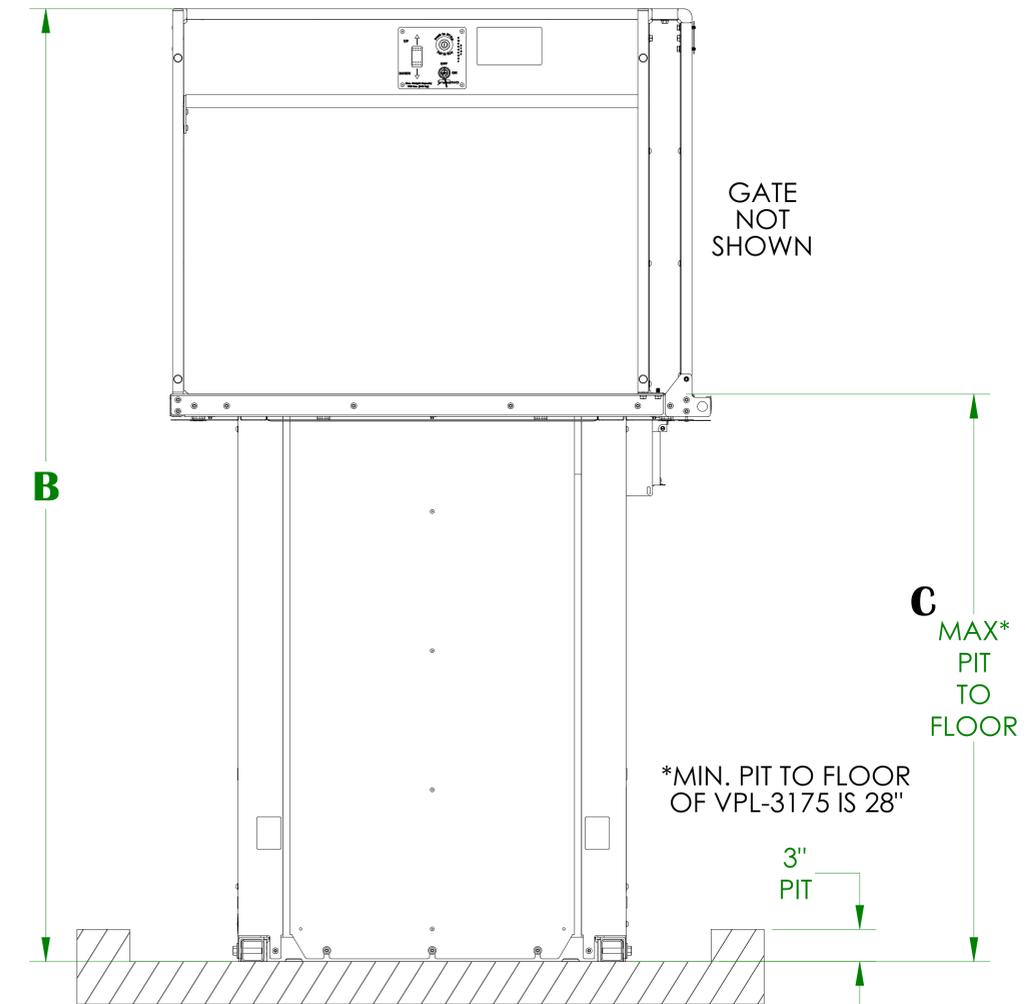
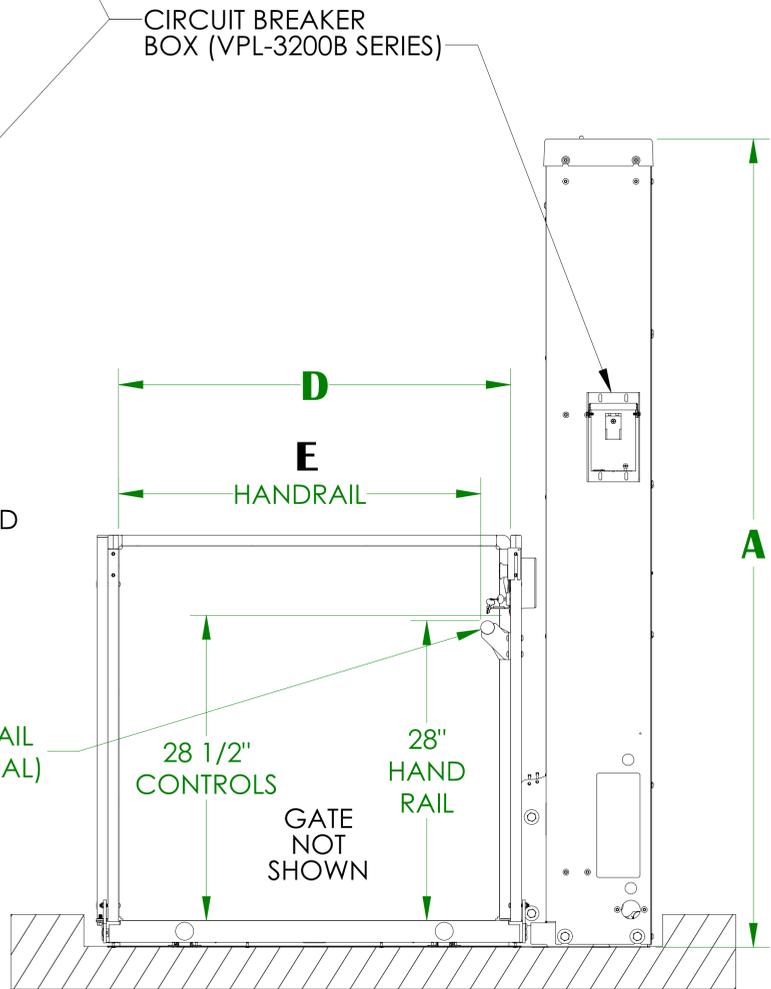
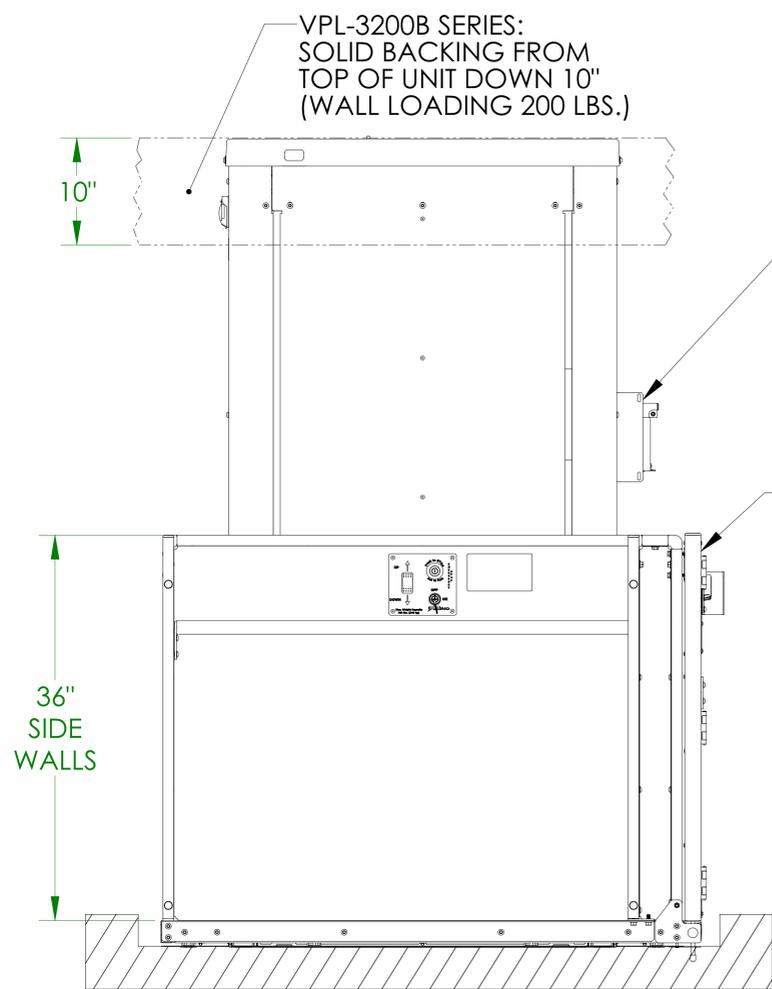
# UNENCLOSED 90° / ADJACENT EXIT PLATFORM W/ PLATFORM GATE (PIT APPLICATION)(RES)

## 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"	89"	53"
VPL-3175	97-9/16"	111"	75"
VPL-3210B	148-1/16"	159"	123"



NOTES: 1) PLATFORM GATE CAN BE MOUNTED ON EITHER SIDE OF THE PLATFORM  
2) SEE ILS-01561 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.



©Bruno Independent Living Aids, Inc.

**ILS-01560**  
**SHEET 2 OF 3**  
**REV. 0 (7683)(11/03/22)(TAK)**

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

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

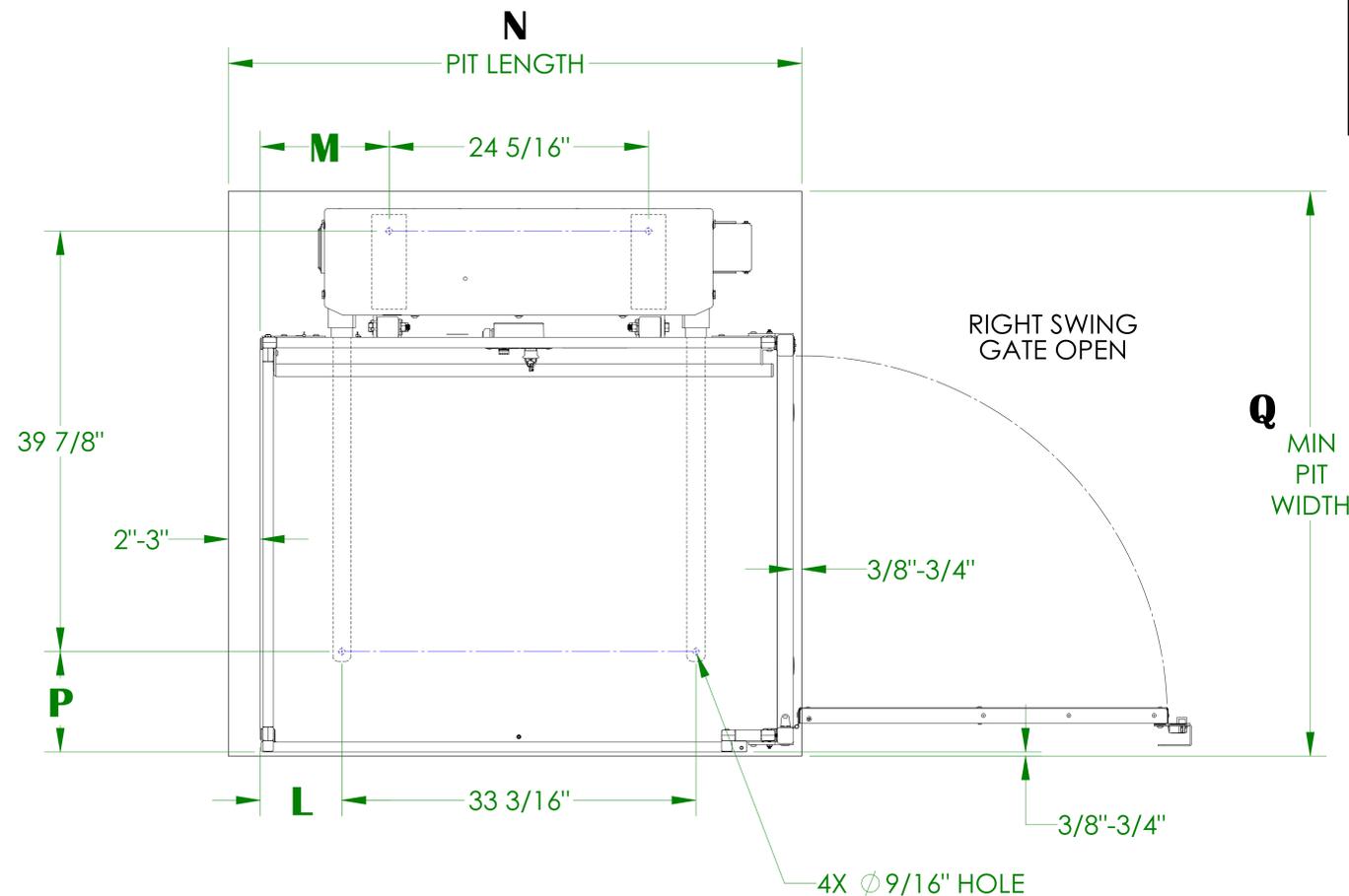
### ANCHOR POINT LOCATIONS/PIT DETAIL

#### TECHNICAL SPECIFICATIONS \*

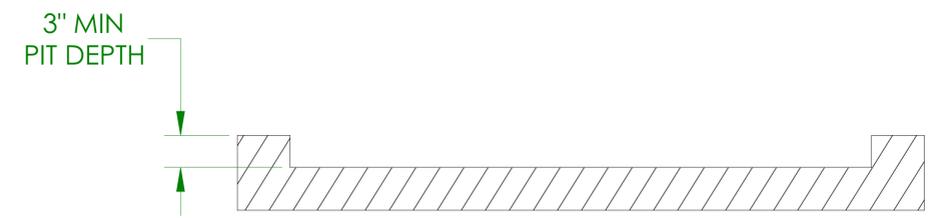
FLOOR ATTACHMENT:  
VPL MUST BE FASTENED TO CONCRETE SLAB USING FOUR (4) 1/2" (3/8" BOLT)  
X MINIMUM 2-1/2" LONG CONCRETE ANCHORS SUITABLE FOR THE ENVIRONMENT.  
FOLLOW SELECTED CONCRETE ANCHOR MANUFACTURERS GUIDELINES AND  
APPLICABLE CODES.

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

\* For complete technical specifications please see  
ILS-00834 "VPL-3100 Residential Vertical Platform Lift Technical Specification"  
ILS-00986 "VPL-3210B 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)

PIT DETAIL

**ILS-01560**  
**SHEET 3 OF 3**  
**REV. 0 (7683)(11/03/22)(TAK)**

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.



©Bruno Independent Living Aids, Inc.