## PIT DETAIL FOR PR SERIES POWER HYDRAULIC DOCK LEVELERS ANCHOR LAYOUT FOR CURB ANGLES 12" Disconnect (by others) Concrete anchors Dim. B 3 1/4" thick x 1" wide x 6" long Tolerance (Alternate direction ±1/8 Control Panel of each "J" hook anchor) (inside wall) Dim. A DOCK FLOOR Tolerance -1/4" +0" 14" Set(3/4") conduit and recessed weatherproof WAL receptacle (4" x 4" wast be blimp junction box) and Rear of pit cover (by others) Dim. E before pouring concrete 90° ±1/8 Dim. D Dim. C Tolerance ±1/8" Tolerance 90° NOTE: Optional Tolerances: CleanPit ±1/8" in depth, width and squareness ½"Pitch -1/4" +0 in length from rear to front • 1/2" pitch toward front of pit for drainage. All curb angle joints to be welded completely. ANCHOR LAYOUT FOR BUMPER MOUNTING PLATE Levelers to be stitch welded to rear pit steel with 6" on and 6" off weld pattern, for further instructions request an installation manual. Side curb angles must be 90° to 12" dock face and rear curb. 12" Concrete behind Pit Steel must be Optional well vibrated. 8" recommended vehicle restraint minimum thickness for pit walls, pit mounting plate & 14"floor and dock face. conduit locations - consult factory • For dock heights under 44" or over 52" consult factory. For Declined Slope Driveways DRIVEWAY APPROACH · For decline slope drive condition, See pit projection guide on back consult field sales representative. Pit steel furnished by general contractor or available from manufacturer at additional cost.

A Division of Systems, Inc.

Customer:	Certified For Construction:	
Job:	By:	
Location:	Date:	
Qty:	Company:	
Model/Size:	City & State:	
Capacity:		
Represented By:	Voltage/Phase:	
Sales Representative:	Drawing #:	J

PR 05/12

Pit dimensional tolerances are ±1/8" in depth, width and squareness, -1/4" +0" in length. POWERAMP/Systems, Inc. assume no liability for deviations beyond this tolerance.

	Dimensi	ons below	below are for all PR Series, pit type hydraulic levelers of 30K to 120K industry rated capacities								
	Contractors Bill Of Material					Nominal Pit Dimensions					
	Curb Angles 1/4" x 3" x 3"			Mounting Plates ¼" Thick		Dim. "A"	Dim. "B"	Dim. "C"	Dim. "D"	Dim. "E"	
Leveler Size	Front (Qty 1)	Rear (Qty 1)	Side (Qty 2)	Bumper Embed (Qty 2)			Width	Depth (rear)	Depth (front)	CleanPit	
6' x 6'	74"	80"	60"	3" x 12" x 14"	16" x 16"	63"	74"	23½"	24"	14½"	
6.5' x 6'	80"	0" 86" 60" 3" x	3" x 12" x 14"	16" x 16"	63"	80"	23½"	24"	14½"		
7' x 6'	85"	91"	60"	3" x 12" x 14"	16" x 16"	63"	85"	23½"	24"	14½"	
6' x 8'	74"	80"	84"	3" x 12" x 14"	16" x 16"	87"	74"	23½"	24"	26"	
6.5' x 8'	80"	86"	84"	3" x 12" x 14"	16" x 16"	87"	80"	23½"	24"	26"	
7' x 8'	85"	91"	84"	3" x 12" x 14"	16" x 16"	87"	85"	23½"	24"	26"	
6' x 10'	74"	80"	108"	3" x 12" x 14"	16" x 16"	111"	74"	23½"	24"	34"	
6.5' x 10'	80"	86"	108"	3" x 12" x 14"	16" x 16"	111"	80"	23½"	24"	34"	
7' x 10'	85"	91"	108"	3" x 12" x 14"	16" x 16"	111"	85"	23½"	24"	34"	
6' x 12'	74"	80"	132"	3" x 12" x 14"	16" x 16"	135"	74"	23½"	24"		
6.5' x 12'	80"	86"	132"	3" x 12" x 14"	16" x 16"	135"	80"	23½"	24"	Consult Manufacturer	
7' x 12'	85"	91"	132"	3" x 12" x 14"	16" x 16"	135"	85"	23½"	24"		

(Qty 2)

## Optional Bumper Plates - in lieu of above

- 11" wide x 20" high (Qty 2)
- ☐ 11" wide x 24" high (Qty 2)
- Other Bumper Embed \_

\*Weldment is required ONLY for clean pit style leveler.

NOTE: Altering pit depth from the above recommended depths may affect service range and options such as folding/locking toe guards and platform mounted power pack. Consult factory to determine service range and available options.

## Pit Projection Guide for Decline Slope Driveways

Length

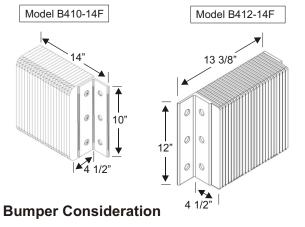
D	Rise of
Percentage	Driveway
Of Grade =	Driveway

% of Driveway Grade							
Pit Projection							
*Excludes Bumper Projection							

0%	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%
0"	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"

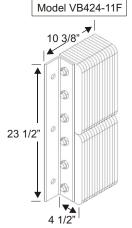
**Bumper Layout** 

NOTE: Projection of pit may require modifications to seals and shelters. Coordinate with supplier if required.



10 3/8" 19 1/2" 4 1/2

Model VB420-11F



☐ 2 Model B410-14F laminated bumpers ☐ 2 Model B412-14F laminated bumpers ☐ 2 Model VB420-11F laminated bumpers

☐ 2 Model VB424-11F laminated bumpers

Other: \_

☐ Optional - 6" Projection

Standard on PR Series Optional - 6" Projection

☐ Optional - 6" Projection ☐ Optional - 6" Projection

☐ Optional - Steel face

Optional - Steel face

☐ Optional - Steel face

☐ Optional - Steel face

A continuing product improvement process is in effect at Systems, Inc. We reserve the right to make product changes without prior notice.