

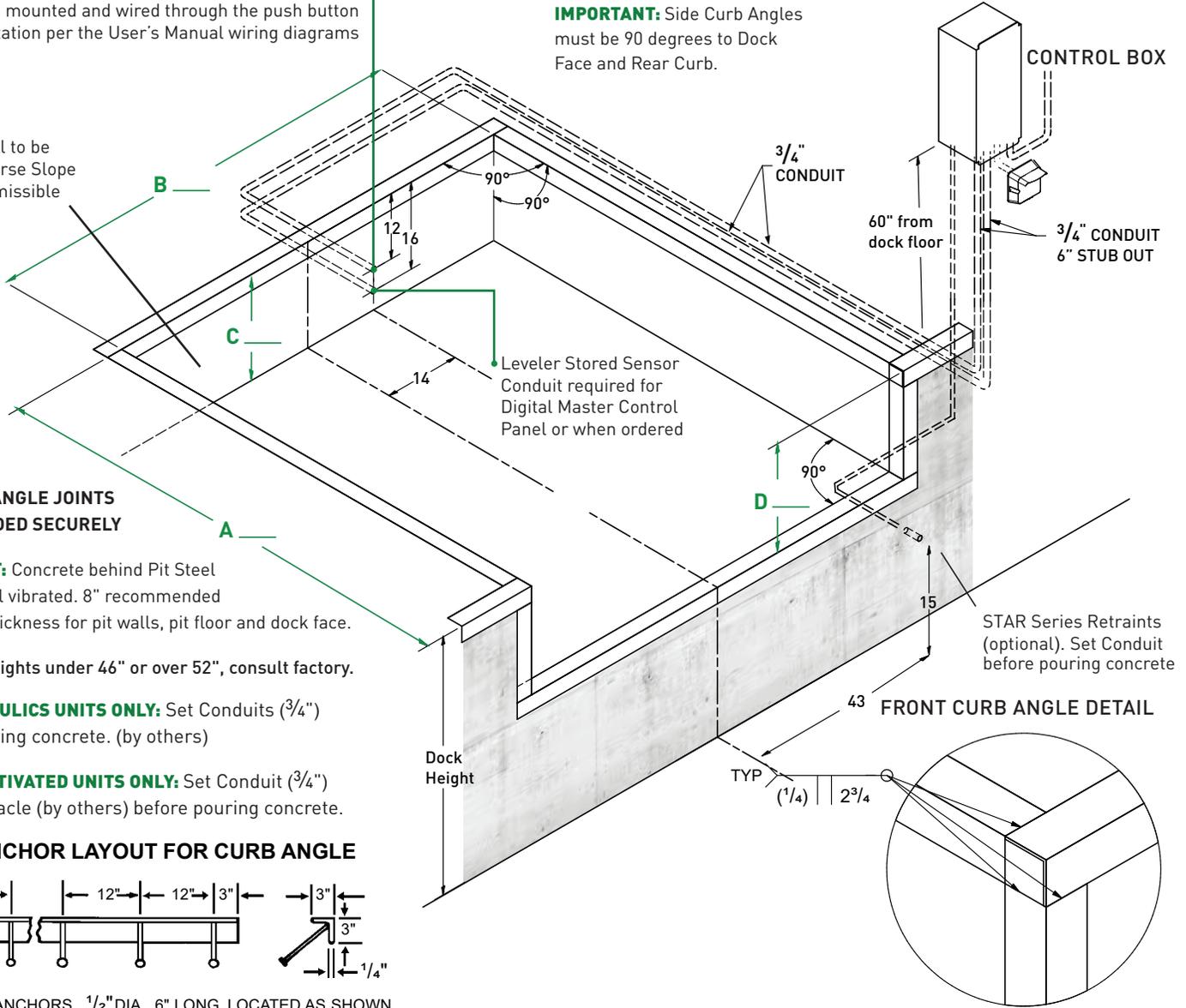


HK, HP, aFX, aFX-S and aFX-C Dock Levelers Straight Pit Details

NEMA 5-15R receptacle for Air Activated levelers must be flush mounted and wired through the push button station per the User's Manual wiring diagrams

IMPORTANT: Side Curb Angles must be 90 degrees to Dock Face and Rear Curb.

Rear Pit Wall to be plumb. Reverse Slope of 1/4" is permissible



ALL CURB ANGLE JOINTS TO BE WELDED SECURELY

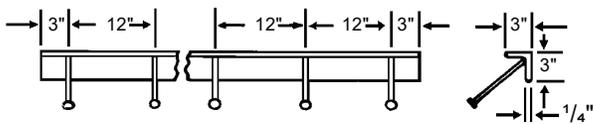
IMPORTANT: Concrete behind Pit Steel must be well vibrated. 8" recommended minimum thickness for pit walls, pit floor and dock face.

For Dock Heights under 46" or over 52", consult factory.

FOR HYDRAULICS UNITS ONLY: Set Conduits (3/4") before pouring concrete. (by others)

FOR AIR ACTIVATED UNITS ONLY: Set Conduit (3/4") and Receptacle (by others) before pouring concrete.

ANCHOR LAYOUT FOR CURB ANGLE



CONCRETE ANCHORS, 1/2" DIA., 6" LONG, LOCATED AS SHOWN

PROJECT INFORMATION

JOB NAME _____
 ADDRESS _____
 GENERAL CONTRACTOR _____
 DISTRIBUTOR _____
 MODEL _____ VOLTAGE _____ QUANTITY _____

CERTIFIED FOR CONSTRUCTION

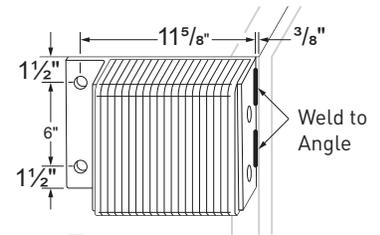
BY _____
 DATE _____
 COMPANY _____
 ADDRESS _____

WARNING: Death or serious injury could result from failure to follow Kelley specifications for pit dimensions and/or configurations, or conduit location; improper installation of dock leveler, anchoring devices or optional/accessory equipment; installation into improperly formulated, prepared or placed concrete or concrete which is otherwise inadequate or unsound.

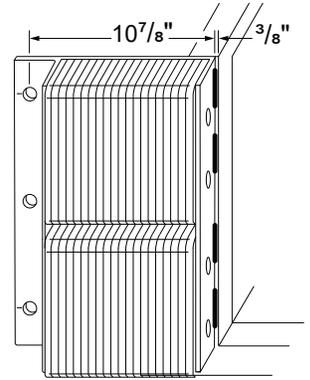
Pit Dimensional Tolerances are +/- 1/8" on squareness, Depth, Width and Length.
Kelley Assumes No Liability for Deviations beyond this Tolerance.

NOMINAL DOCK LEVELER SIZE		6' x 6'	6' x 8'	6' x 10'	6.5' x 6'	6.5' x 8'	6.5' x 10'	7' x 6'	7' x 8'	7' x 10'
PIT LENGTH	DIM. "A"	63"	87"	111"	63"	87"	111"	63"	87"	111"
PIT WIDTH	DIM. "B"	74"	74"	74"	80"	80"	80"	85"	85"	85"
PIT DEPTH Rear	DIM. "C"	19-1/2"	19-1/2"	23-1/2"	19-1/2"	19-1/2"	23-1/2"	19-1/2"	19-1/2"	23-1/2"
PIT DEPTH Front	DIM. "D"	20"	20"	24"	20"	20"	24"	20"	20"	24"
CURB ANGLES										
	Front/Rear	80"	80"	80"	86"	86"	86"	91"	91"	91"
	Side	60"	84"	108"	60"	84"	108"	60"	84"	108"
BUMPERS										
	Vertical	17"	17"	21"	17"	17"	21"	17"	17"	21"
	Horizontal	21"	21"	21"	21"	21"	21"	21"	21"	21"

LAMINATED BUMPERS



- B410-14F (standard for 30 - 50K)
- B610-14F (standard for 60 - 80K)

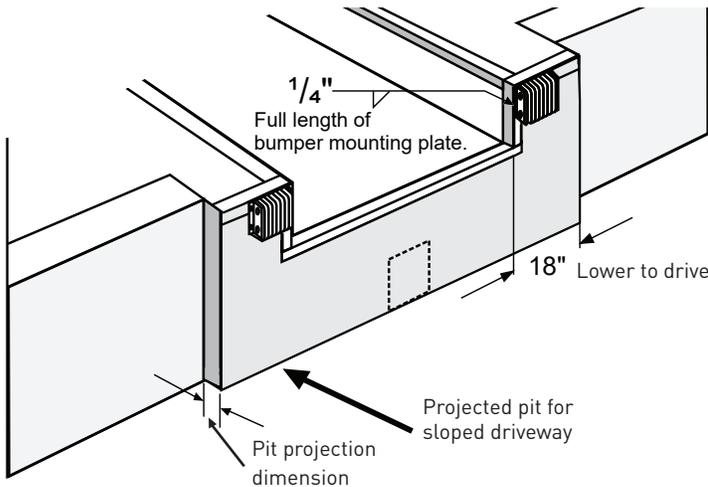


- VB420-11F (optional for 30 - 50K)
- VB620-11F (optional for 60 - 80K)

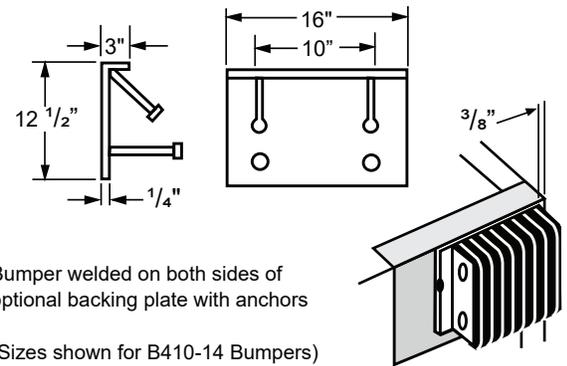
NOTE: See Kelley Drawing No. 10-740 for Cantilever Pit Details. See Kelley Product Manual for Wiring Diagrams.
NOTE: If metal or decorative facing is used, add an extra inch of pit protection for every inch of facing projection.
NOTE: If pit projects more than 4", concrete specifications should be reviewed with qualified structural engineer.

PIT PROJECTION GUIDE FOR DECLINE DRIVE CONDITIONS

PERCENTAGE OF DRIVEWAY GRADE	0%	1%	2%	3%	4%	5%	6%	7%	8%	9%	10%
PIT PROJECTION	0"	2"	3"	4"	5"	6"	8"	9"	10"	11"	12"



(OPTIONAL) BUMPER MOUNTING PLATE



LEVELER ELECTRICAL REQUIREMENTS

- VOLTAGE 120 208 240
- 480 575
- PHASE 1Ø 3Ø
- FREQUENCY 60 Hz 50 Hz

Hydraulic Leveler Series	Hydraulic Dockleveler Control	Voltage (V) and Phase (PH)	Quantity and Wire Gauge (GA)			Total Quantity of Wires
			12 GA	14 GA	18 GA	
HP, HK	Standard Control Box	115V / 1PH	3			3
		230V / 1PH		3		3
		190-575V / 3PH		4		4
	Optional Control Box w/ARTD	115V / 1PH	3		2	5
230V / 1PH			3	2	5	
190-575V / 3PH			4	2	6	
HK	Optional Control Box w/3BC	115V - 230V 1PH	3		3	6
		190-575V / 3PH		4	3	7
	Optional Control Box w/ARTD & 3BC	190-575V / 3PH	3		5	8
		115V - 230V 1PH		4	5	9

ARTD = Auto Return to Dock
3BC = Three Button Control allows independent control of lip with E-stop



1612 Hutton Drive, Suite 140 Carrollton, TX 75006
800.558.6960 kelleydocksolutions.com

4Front Engineered Solutions reserves the right to change specifications and designs without notice and without incurring obligations. 4Front Engineered Solutions products may be the subject of one or more U.S. and/or foreign, issued and/or pending, design and/or utility patents. Kelley as word and logo are registered trademarks belonging to ASSA ABLÖY Entrance Systems AB or other companies controlled by the same organization. All rights reserved.