

DOCK-RAMP

VERTICAL DOCK LEVELER

APPROVAL FORM AND DRAWINGS

Authorized Distributor

Dock Leveler Standard Features Unless Specified Otherwise:

- Vertical Travel: +12" Above / -6" Below Dock Level
- Run-Off Guards: 3" High Run-Off Guards
- Mechanical Vertical Lock For Added Safety

Model: _____

Nominal Size:

☐ 6' W x 5' L ☐ 6' W x 6' L ☐ 7' W x 5' L ☐ 7' W x 6' L

Capacity:

☐ 30,000 lbs. ☐ 35,000 lbs. ☐ 40,000 lbs.

Lip Size: ☐ 16" (Standard) ☐ 18" ☐ 20" ☐ 24" **Lip Width:** ☐ Full Width ☐ Taper Lip

Electrical Requirements: (Voltage / Phase / Hertz)

☐ 110-120V /1PH/ 60HZ ☐ 208V / 1PH / 60HZ ☐ 220-240V /1PH/ 60HZ ☐ 200-208V /3PH/ 60HZ ☐ 220-240V /3PH/ 60HZ
☐ 440-480V /3PH/ 60HZ ☐ 550-600V /3PH/ 60HZ ☐ 220V /1PH/ 50 HZ ☐ 380-415V /3PH/ 50HZ

Power Pack: ☐ Dock Standard With Remote With 18' Of Hose

Bumpers: ☐ Laminated DB411 (4.5" x 14" x 10") ☐ Molded DB13 (4" x 10" x 13") **Dock Paint:** ☐ Blue ☐ Black ☐ Gray

Special Notations: _____

General Option

Facility Safety Accessories

- ☐ Manual Light Package (NEMA 12 Control With On/Off Toggle Switch For 115V/1PH/60HZ)
- ☐ Automatic Light Package (NEMA 12 Control With On/Off Toggle Switch For 115V/1PH/60HZ. Note: Light Activated By Dock Lip Extension)
- ☐ Key Switch Control For Light Package
- ☐ Cast-In-Place Mounting Plate (For Future Restraint Install)
- ☐ Wheel Chock c/w 15' Chain

Dock Leveler

- ☐ PowerPack Mounted Underside Of Deck
- ☐ 10" Bumper Risers (10" Interior Clearance Required)
- ☐ Other Bumper Model _____ (See Bumper Submittal)
- ☐ Steel Face Plate For Bumper
- ☐ Laminated Bumper
- ☐ Molded Bumper

Hydraulics

- ☐ Biodegradable Oil
- ☐ Arctic Oil (Temp. -27° C / -18° F)

Controls

- ☐ Overhead Door Interlock;
- ☐ Mechanical
- ☐ Photo Switch
- ☐ Emergency Stop Button
- ☐ Downward Drift Solenoid

Weatherseals

- ☐ Rubber ☐ Sides ☐ Rear
- ☐ Brush ☐ Sides ☐ Rear

Paint And Finish

- ☐ Other Paint Color For Dock (Specify Pantone / ICI Code _____)
- ☐ Rust Inhibiting Primer For Dock
- ☐ Non-Skid Grit Surface For Deck
- ☐ Hot Dipped Galvanized;
- ☐ Dock Leveler

MODEL: _____ QTY: _____ ORDER #: _____ DATE: _____

CUSTOMER: _____

STREET ADDRESS: _____

CITY: _____ STATE/PROVINCE: _____ ZIP / POSTAL: _____

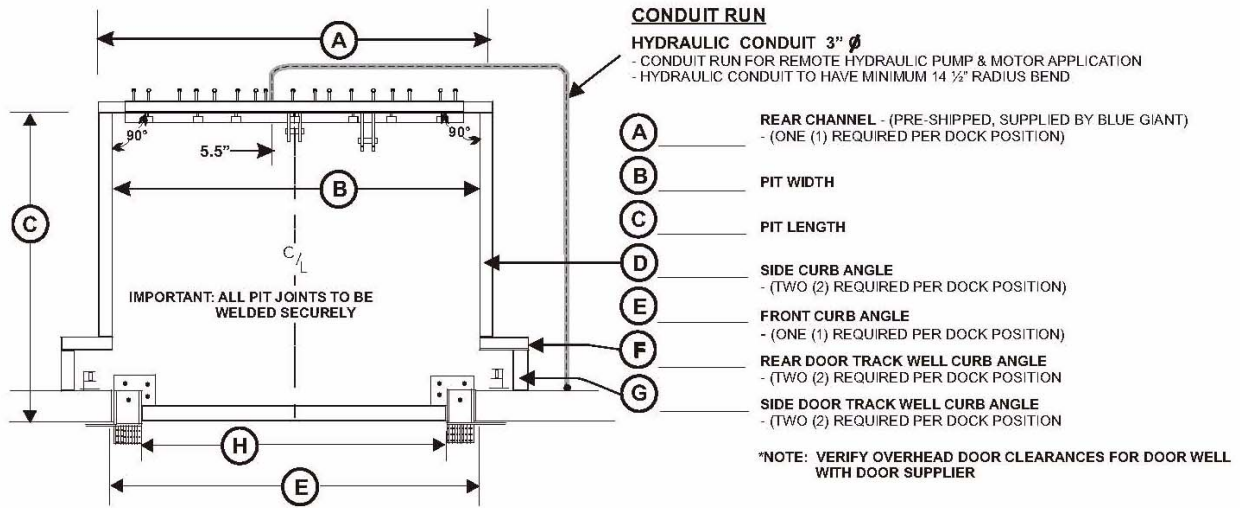
PROJECT: _____ GENERAL CONTRACTOR: _____

ARCHITECT: _____ DEALER: _____

APPROVED BY: _____ APPROVAL DATE: _____

The following artist renderings & information supplied subject to change without notice or liability. Please refer to owners/installation manuals where applicable.

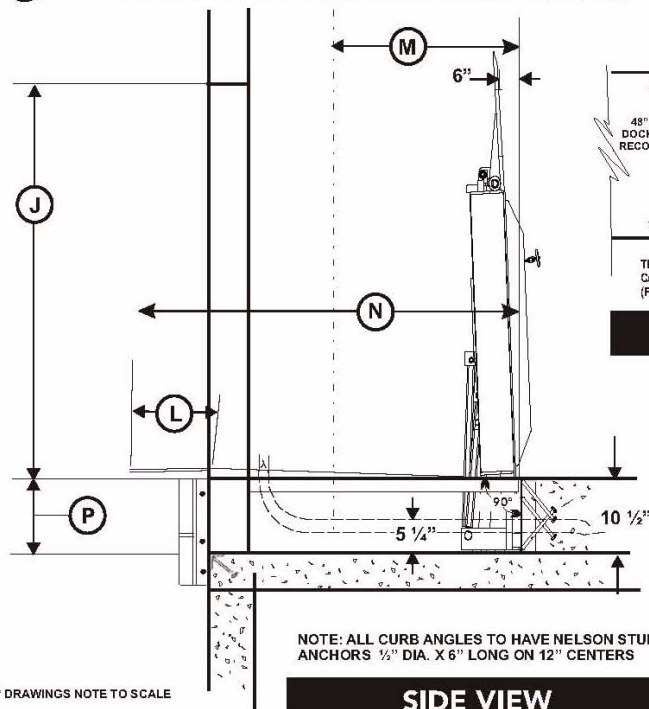
VERTICAL DOCK LEVELER STANDARD PIT DETAILS WITH DR85 RESTRAINT SYSTEM



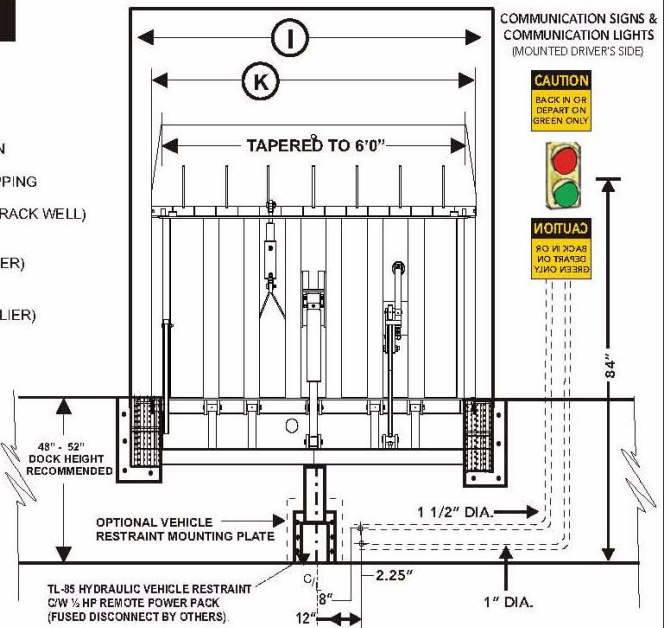
PLAN VIEW

- H** — DISTANCE BETWEEN BUMPERS
- DOCK RECOMMENDATIONS:**
 - FOR PIT STYLE APPLICATIONS MINIMUM CLEARANCE BETWEEN PIT SIDE WALL AND VERTICAL LEVELER TO BE 12"
 - GUARDRAILS SHOULD BE INSTALLED TO PREVENT FROM STEPPING INTO PIT
 - CONTINUOUS STYLE PIT (NO PIT SIDE WALLS AND NO DOOR TRACK WELL)

- I** — DOOR OPENING WIDTH (VERIFY WITH OVERHEAD DOOR SUPPLIER)
- J** — DOOR OPENING HEIGHT (VERIFY WITH OVERHEAD DOOR SUPPLIER)



SIDE VIEW



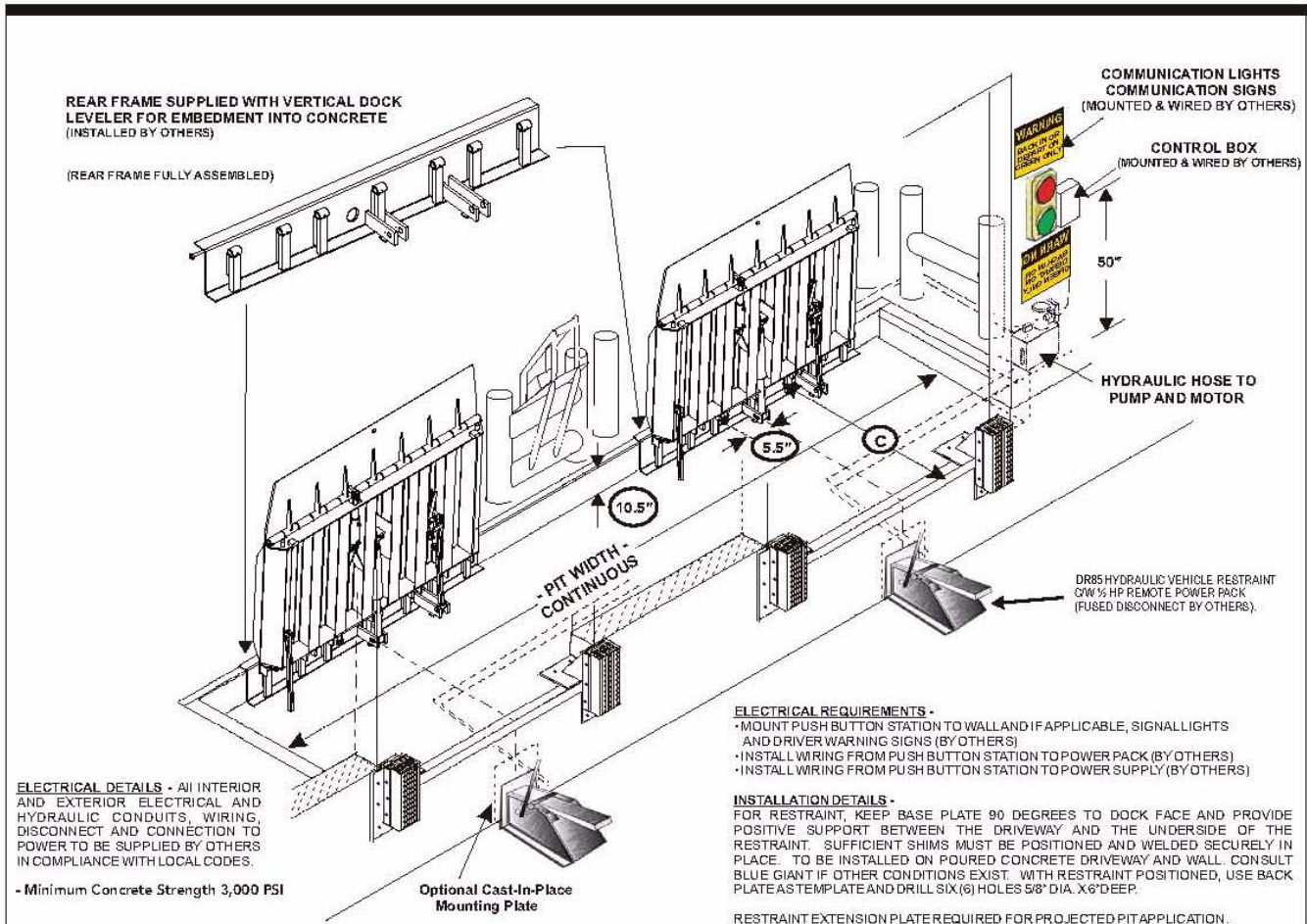
FRONT VIEW

- K** — VERTICAL DOCK LEVELER WIDTH
- L** — LIP LENGTH
- M** — MINIMUM DISTANCE OF DOOR FROM REAR PIT WALL
- N** — OVERALL LENGTH OF VERTICAL DOCK LEVELER
- P** — PIT DEPTH

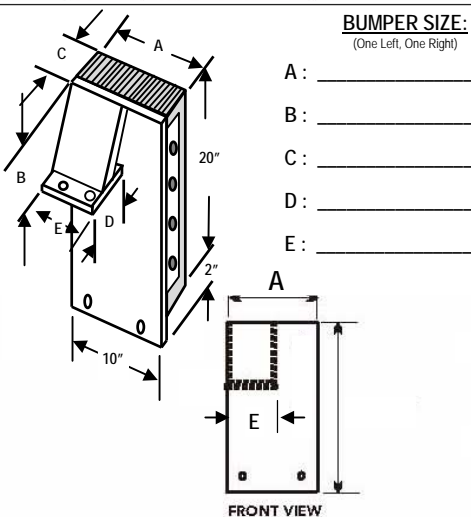
Please Return All Submittal Approvals To Blue Giant Stamped/Signed And Dated

Initial Date / /

VERTICAL DOCK LEVELER ARRANGEMENT DETAILS WITH DR85 RESTRAINT SYSTEM



☐ **RAISED OFFSET BUMPER BRACKETS AND LAMINATED VERTICAL BUMPERS SIZE - 10" L X 20" H x 4.5" Deep**
 (Supplied by DOCK-RAMP not standard)



"VS" MODEL	DOCK LEVELER DIMENSIONS		
	DECK WIDTH	LENGTH (with lip extended)	LIP EXTENSION
DRHD65VS/DR85	72 in.	60 in.	16 in.
DRHD66VS/DR85	72 in.	72 in.	16 in.
DRHD68VS/DR85	72 in.	96 in.	16 in.
DRHD75VS/DR85	83 in.	60 in.	16 in.
DRHD76VS/DR85	83 in.	72 in.	16 in.
DRHD78VS/DR85	83 in.	96 in.	16 in.

"VS" MODEL	CAPACITY (specify)	PIT DIMENSIONS		
		PIT WIDTH	PIT LENGTH	PIT DEPTH (plus 1/2" slope)
DRHD65VS/DR85	30,000 lbs 40,000 lbs 50,000 lbs	continuous	45.5"	10.5"
DRHD66VS/DR85		continuous	57.5"	10.5"
DRHD68VS/DR85		continuous	81.5"	10.5"
DRHD75VS/DR85		continuous	45.5"	10.5"
DRHD76VS/DR85		continuous	57.5"	10.5"
DRHD78VS/DR85		continuous	81.5"	10.5"

STEEL FACE BUMPERS RECOMMENDED FOR HIGH TRAFFIC APPLICATIONS

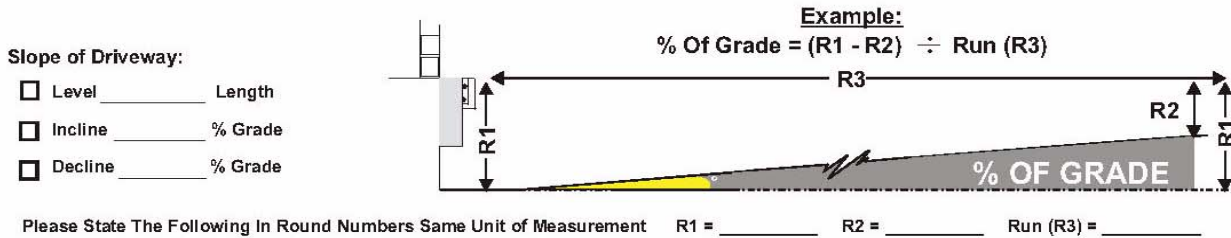
Please Return All Submittal Approvals To Blue Giant Stamped/Signed And Dated

Initial _____ Date ____ / ____ / ____

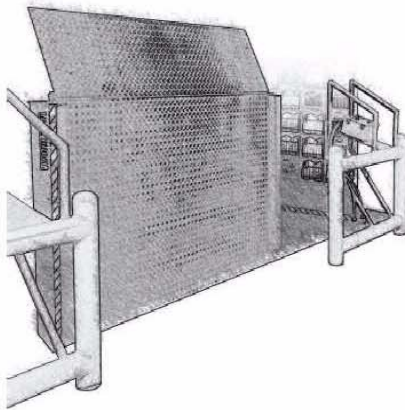
VERTICAL DOCK LEVELER GRADE DETAILS

SLOPED DRIVEWAY APPROACH FORMULA: % OF GRADE = RISE (R₁ - R₂) DIVIDED BY RUN (R₃)

- Rise is the difference in elevation between the dock and point in front of dock, e.g. 50'
- Run is the actual distance on the driveway that the rise is measured e.g. 50' to match the average "over-the-road" trailer length
- To determine this on site, use a 50' string line. Restrict access to dock leveler and loading dock position take all safety precautions, secure string line to top of lip spool of dock leveler when in the cross-traffic position or loading dock floor. Walk out 50' and measure vertical drop to grade. Use level for accurate height level.



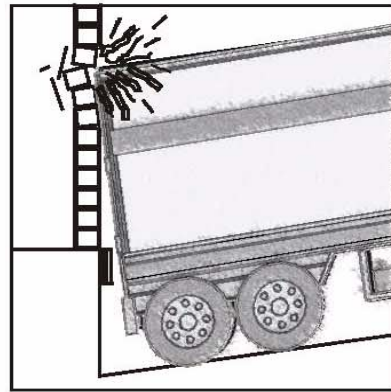
PROTECTIVE RAILING



! WARNING

Industrial Accidents Are Costly And Can Lead To Legal/Insurance Issues. Protective Railings Around The Vertical Dock Leveler And Pit, Protects Against; Unauthorized Entry By Employees, Vehicle Damage And Costly Downtime And Repairs.

IMPROPER BUMPER PROJECTION



! WARNING

Spotting Tractors (Yard Jockeys) When Used At The Loading Dock To Switch Trailers, Creates A Momentary Decline Slope. This Is Due To The Front Of The Trailer Being Lifted, Which In Turn Tilts The Back Of The Trailer To The Building. This Creates Lack Of Bumper Projection, Which Can Damage The Building And Injure Personnel. Please Contact Blue Giant For Further Information At (800) 668 - 7078.

SAFETY

! WARNING

CODE COMPLIANCE

NEED TO MEET OSHA & ANSI STANDARDS



To Meet OSHA*, ANSI Requirements And To Remove Some Legal/Insurance Issues That May Arise, It Is Required To Use At Minimum Wheel Chocks Anytime Loading Equipment Is Used At The Dock To Load/Unload Vehicles. However, With The High Overall Cost Of Wheel Chocks And Their Effectiveness Low, We Recommend OSHA Accepted Alternative To Wheel Chocks, The Mechanical Means Of Securing Trucks In Position To The Dock. We Recommend For Your Consideration The Leading Technology From **DOCK-RAMP** in Manual Restraints Or Powered Push Button Activated Restraints For Employees Safety And Providing Your Company A Modern Safe Dock.

Provided Safety: Model _____ ☐ None
☐ Wheel Chocks ☐ Manual Restraint ☐ Powered Restraint ☐ By Others

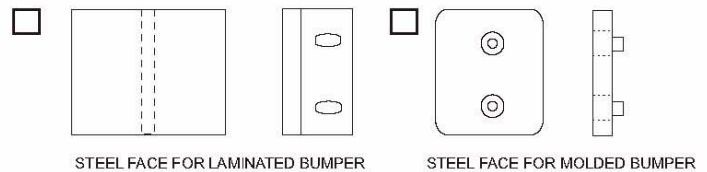
*Reference
 OSHA 1910.178 (k) (1)
 OSHA 1910.178 (m) (7)

Please Return All Submittal Approvals

Stamped/Signed And Dated

Initial _____ Date ____ / ____ / ____

MOLDED **LAMINATED**

**Approval Form Vertical Dock: (rev. May 15/07)**