



# VEHICLE RESTRAINT SITE SURVEY

Rev. 11-2018

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## INSTRUCTIONS

1. Survey must be completed based upon conditions at time of installation.
2. Dock face must be clear of any obstructions prior to installation.
3. Lights and signs must be mounted in full view of forklift and tractor-trailer operations.
4. Examples of why bracketing may be required:
  - Sloped approach greater than 1/2" per foot.
  - Bumper projection over 4.5". (Bumpers are manufactured to nominal sizes; actual projection must be verified).
  - Insufficient embedded lower front pit curb angle
  - 24" deep pits.
  - Other than solid concrete dock face (6" thick minimum).
5. Hollow "D" and flex steel bumpers not acceptable.

Customer: \_\_\_\_\_

Order #: \_\_\_\_\_

Job: \_\_\_\_\_

Surveyed By: \_\_\_\_\_

Address: \_\_\_\_\_

Date: \_\_\_\_\_

City: \_\_\_\_\_

Quantity: \_\_\_\_\_

State & Zip: \_\_\_\_\_

# of Pictures\*: \_\_\_\_\_

\* Note pictures are useful in seeing what might be missing from this survey. If at all possible please include with this survey

## RESTRAINT TYPE

- TPR Vehicle Restraint
- UniLock Vehicle Restraint
- PowerHold Vehicle Restraint

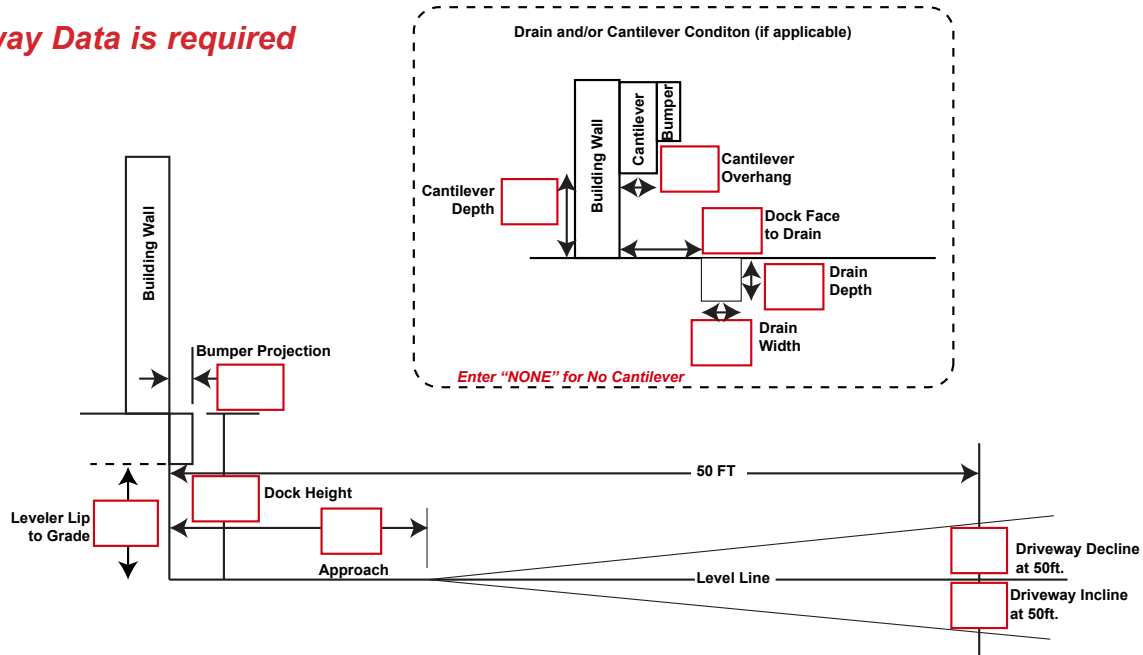
- PowerStop Hydraulic Vehicle Restraint
- PowerStop Manual Vehicle Restraint
  - Low Profile Hook
  - Low Profile Tall Hook
  - 24" Tall Back Plate in Lieu of 27"
  - All LEDs

## BUILDING AND DOCK PIT DATA

1. Dock/Door #'s: \_\_\_\_\_
2. Centerline Dimension between Doors: \_\_\_\_\_ Inches  
*\*Note adequate space is required for mounting signs and lights.*
3. Dock Face/TPR Mounting Surface:
  - Concrete, solid tilt-up precast, min 6" thick
  - Brick/cinder block, hollow tilt-up/precast
  - Legs/Self Stand Frames - (Consult Factory)
  - Embed mounting plate, minimum 6" thick concrete
  - Stub wall (partial wall w/open pit)
  - Other \_\_\_\_\_
4. Is the pit floor material concrete:  
 Yes  No
5. If pit does not exist, is the dock floor concrete:  
 Yes  No
6. Is there an existing pit floor plate bracket:  
 Yes  No
7. Is there an existing wall imbed plate:  
 Yes  No
8. Lower Front Pit Curb Angle  
 3 x 3  4 x 4  None  Pan Material  Other \_\_\_\_\_
9. Drive/Approach Material at Dock Face  
 Concrete  Asphalt  Gravel/Dirt  Other \_\_\_\_\_
10. Leveler Sub-Frame Position to Dock Face:  
 Flush  Protruding  Set Back  Not Applicable
11. Leveler Sub-frame Set back or Protrusion: \_\_\_\_\_ Inches
12. Will this application incorporate Trailer Lifts, Wheel Risers, Existing Brackets (Aftermarket Upgrade) or obstructions on the dock face?  
 No  Existing Brackets (Upgrade)  Trailer Lift  Wheel Risers  
 Dock Face Obstructions - Explain: \_\_\_\_\_

# DRIVEWAY DATA

*Driveway Data is required*



- Bumper Projection:** \_\_\_\_\_ Inches
- Wall Position to Dock Face**  
 Flush     Protruding     Set Back
- Is the Approach Level or Sloped?**  
 Level     Sloped
- Is there a trench located 12" or less from the face of the bumpers?**  Yes     No

# TRUCK DATA

	Truck Style A	Truck Style B	Truck Style C
Truck Height (A)	_____	_____	_____
Truck Bed Height (B)	_____	_____	_____
Extension Length (C)	_____	_____	_____
RIG Height (D)	_____	_____	_____
RIG Size (std.=4"x4")	_____	_____	_____

**Make Note if Trucks Vary Considerably.**  
*use the 90%/10% rule to capture majority of trailers*

- Yard Jockey use:**  Yes     No
- What types of truck are being service:**  
 Lift Gate     Flatbed  
 LTL     High Cube Van  
 Container     Refrigerated  
 Truck has an Obstructed RIG (UniLock Recommended)

# ELECTRICAL DATA

## CONTROL BOX OPTIONS

- Standard is 115V Single Phase - if other specify \_\_\_\_\_
- Combo Box - Specify product combined with \_\_\_\_\_
- Restraint Engaged Interlocking
- Leveler Stored Interlocking
- Interlock Terminals for Extra Leveler or Door Switch
- Key Switch in Lieu of Selector Switch

## LIGHT DATA (TPR only)

- Advanced 3-color light communication system - Red, Green, Amber (std.)
- Advanced 3-color light communication with optional Audible Alarm

## Powerpack Location

- Restraint
- Remote \_\_\_\_\_

# LEVELER DATA

**1. Leveler Type:**

- Hydraulic       Air       Mechanical       EOD  
 Vertical Storing       Truck Activated \_\_\_\_\_       None

**2. Leveler Brand:** \_\_\_\_\_ **Model:** **NOTE:** Enter "NONE" for no leveler.

**3. Lip Length:** \_\_\_\_\_ **Inches**

**4. Safety Lip**

- Yes    No

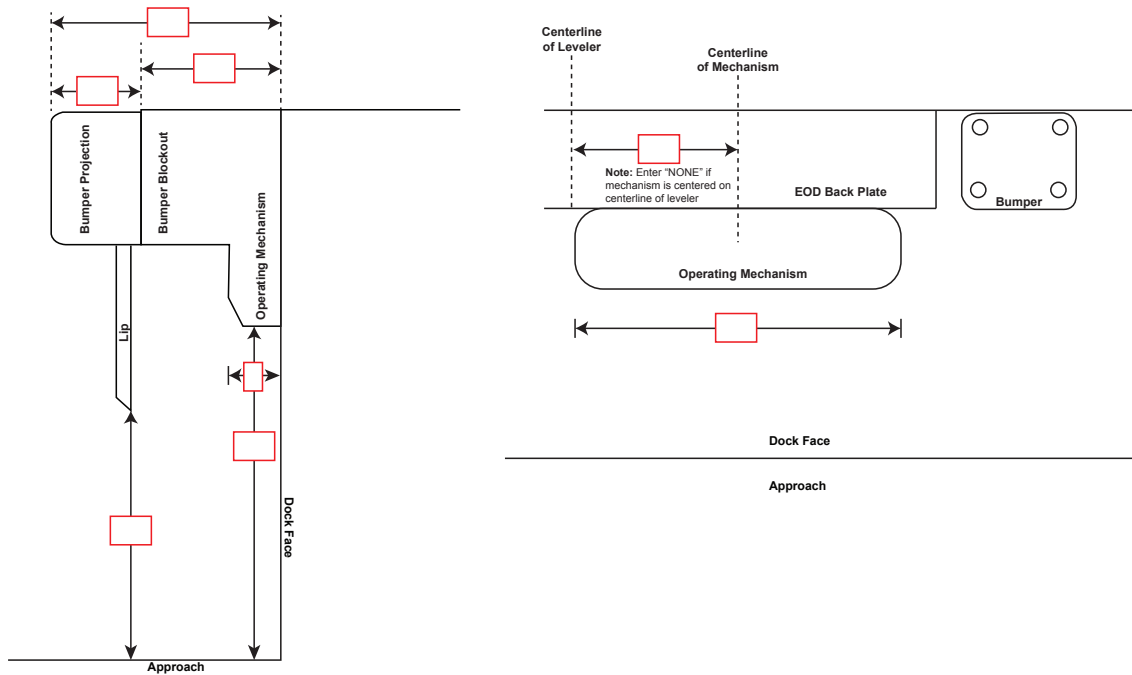
**5. Pit Depth/Front Frame Depth:** \_\_\_\_\_ **Inches**

**NOTE:** Consult Systems Inc. if leveler is on self standing frame.  
 Enter "NONE" if no leveler or "EOD type leveler (refer to EOD drawing on last page.)

**6. Dock Height:** \_\_\_\_\_

# EOD DATA

**Note: Some hydraulic and/or mechanical devices can effect bracket requirements**



# MOUNTING HARDWARE & ACCESSORIES

**TPR & UniLock**

**\*Mounting Anchors Included**

- Z Bracket

**PowerStop**

- Ground Mount Kit Required  
 Face Mount Kit Required

**PowerHold**

- Ground Mount Kit Required  
 Face Mount Kit Required

- Will Systems Inc. supply cantilever bracket?**  
(if necessary)  Yes    No
- Will Systems Inc. supply floor bracing?**  
(if necessary)  Yes    No
- Will Systems Inc. supply additional anchors?**  
(if necessary)  Yes    No
- Will Systems Inc. supply imbed plates?**  
(if necessary)  Yes    No