

#### SEALS AND SHELTERS:

- ★ Reduce Heat Loss
- ★ Reduce Product Spoilage
- ★ Reduce Pilferage
- ★ Reduce Dust, Bugs, etc.
- ★ Increase Employee Morale **AND** Productivity

**RECOMMENDATION FOR DOCK BUMPER PATTERN**  
 6" Dock Vertical Bumpers on Outside and 4-1/2" Deep Horizontal Bumper in Middle of the Opening.  
 All 1" Below Dock Level  
*(As Shown at Left).*

#### DIMENSIONS *(Fill in Completely)*

- A. Door Width \_\_\_\_\_
- B. Door Height \_\_\_\_\_
- C. Distance Between Doors \_\_\_\_\_
- D. Clearance Above Doors \_\_\_\_\_
- E. Projection of Dock Foundation \_\_\_\_\_
- F. Dock Height \_\_\_\_\_
- G. Dock Bumper Projection \_\_\_\_\_
- H. Height of Dock Foundation Projection \_\_\_\_\_

- Number of Doors \_\_\_\_\_
- Type of Building \_\_\_\_\_
- Type of Jambs \_\_\_\_\_
- Dock Levelers Pit \_\_\_\_\_  
E.O.D. \_\_\_\_\_
- Dock Boards, Plates \_\_\_\_\_
- Dock Bumpers \_\_\_\_\_
- Size \_\_\_\_\_ Condition \_\_\_\_\_
- Overhead Projection  
Yes  No

#### RECOMMENDATION:

- Seal
- Shelter
- Other

#### Chase Distributer:

JOB: \_\_\_\_\_

LOCATION: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

ARCHITECT: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_

### TRUCK/APPROACH INFORMATION

Approach: Level \_\_\_\_\_ Decline \_\_\_\_\_ Incline \_\_\_\_\_

Obstructions: \_\_\_\_\_

Special Notes: \_\_\_\_\_

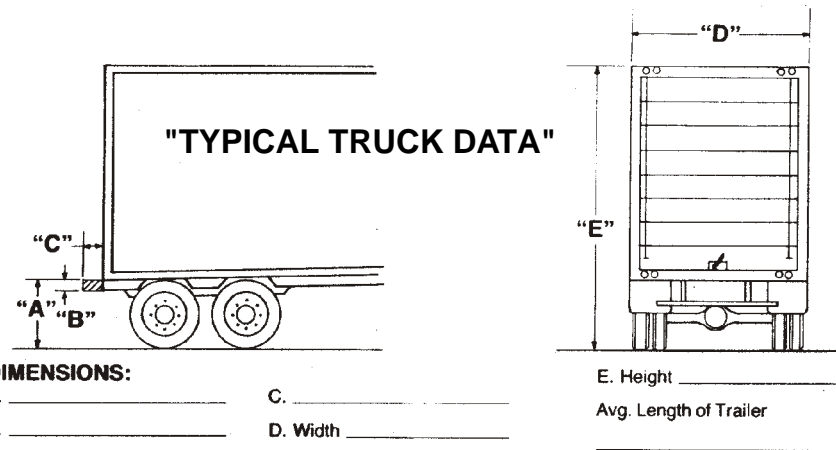
#### Frequency of Use:

Once a Day or Less \_\_\_\_\_

Two to Five Times a Day \_\_\_\_\_

High Usage \_\_\_\_\_

Frequency of Use: \_\_\_\_\_



### CALCULATING INCLINE/DECLINE

- Tools You Will Need:
1. 60' Long String or Line
  2. Line Level
  3. English Tape Measure

#### STEPS:

- Have customer hold end of line (you may also use a weight or fasten line to a solid surface) on top front edge of dock.
- Measure out 3' from dock and begin taking height measurements. Make sure line is level with top of dock.
- Fill in height measurements at 5' intervals until the chart at left is completely filled in. You should be approximately 53' from the dock.
- The difference between your first height measurement and your last measurement at 53' is your incline or decline in inches.
- Using the information gathered in the previous steps, you may now use the following formula to calculate the Projection Differential.

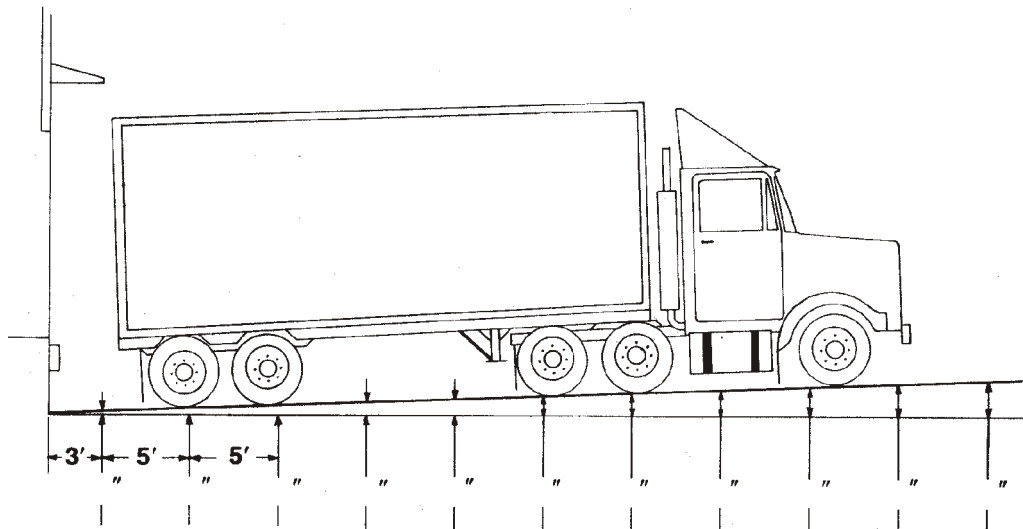
#### FORMULA:

$$\frac{\text{RISE}}{\text{RUN}} \times (\text{Door Height} + 6") = \frac{\text{Difference in Projection}}{\text{Top to Bottom}}$$

#### Example of "Declining" Approach:

DATA	APPLIED DATA
RISE: 18"	$\frac{18}{636} \times (108 + 6) = X$
RUN: 53' (53 x 12 = 636 inches)	
DOOR HEIGHT: 9' (9 x 12 = 108 inches)	$.0283 \times 114 = 3.22"$

Use 3" Less Projection at the Top  
and You Will Have a Uniform "CRUSH" of the Seal!



#### Fill in Completely

(Every Five Foot - Starting Three Foot Out From Dock)

**NOTE:** It is common for approach ramps to be constructed with a 1% decline to prevent trailer creep.