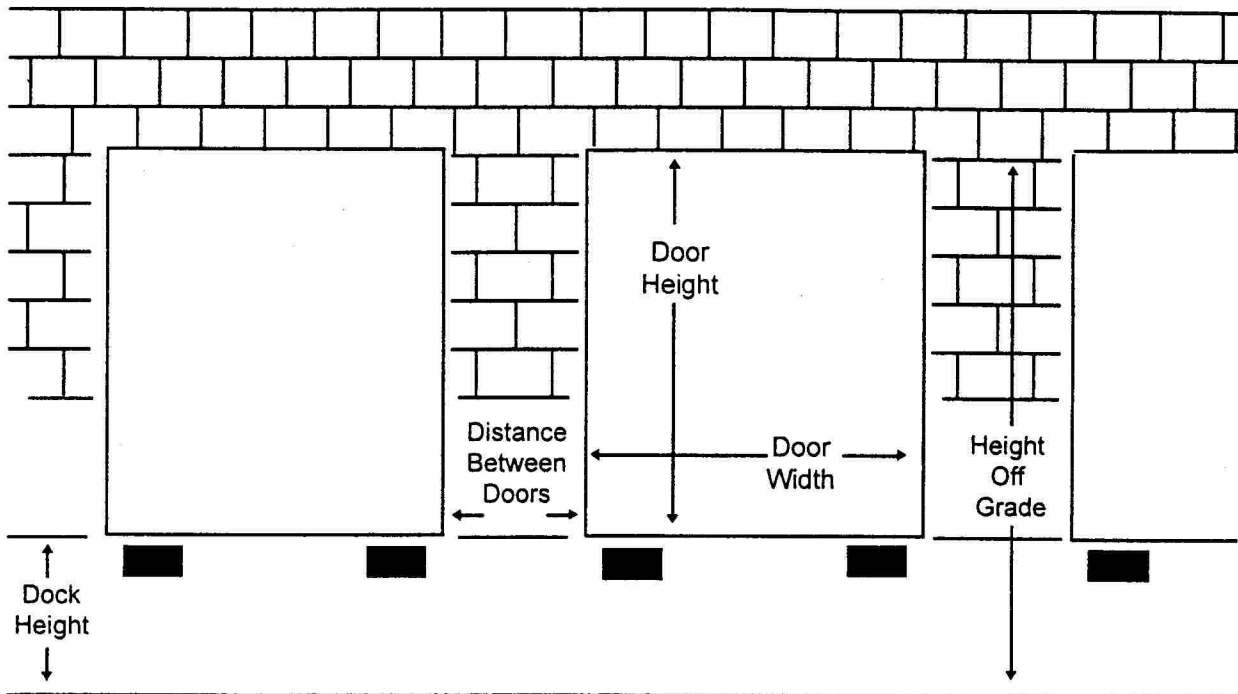


PIONEER Seals and Shelters

Dock Survey

Taking the time to answer the following questions is essential to helping your customer select the correct PIONEER seal or shelter product.



1. What is the door opening size? (measure width and height, in feet and inches)

2. What is the dock height? _____

3. If you are measuring for more than one door on the same wall, what is the distance between the doors? _____

4. How high is the top of the door from the driveway grade? _____

5. What type wall will the seal or shelter be mounted on? (block, brick, metal, etc.)

6. Are there any obstructions around the doors that might prevent proper mounting of a seal or shelter product? (canopies, lights, drain pipes, etc.) _____

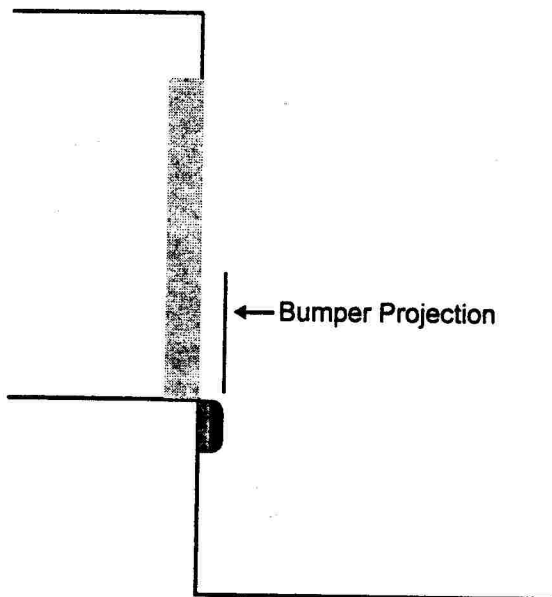
7. What truck heights will be serviced at this door? _____

PIONEER Seals and Shelters

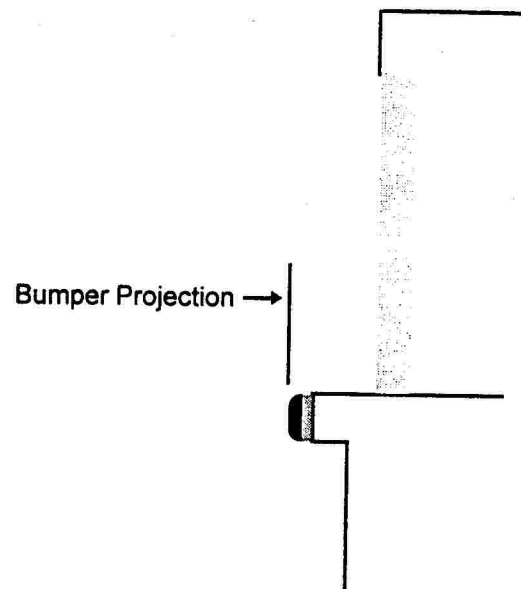
Dock Survey (Cont'd)

8. What is the distance from the building to the face of the dock bumpers? (choose the illustration that matches the dock layout you are surveying) _____

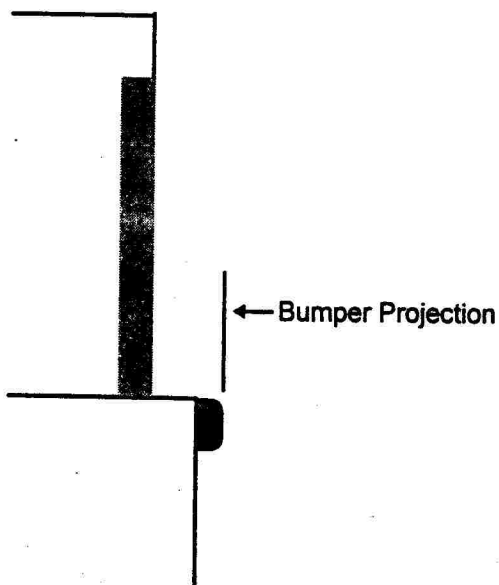
A. Flush Dock



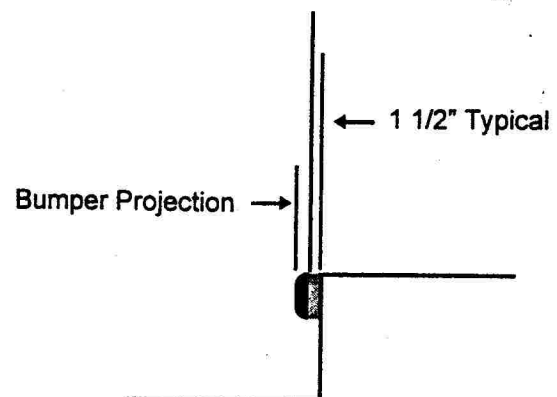
C. Cantilever Dock



B. Building Wall Offset



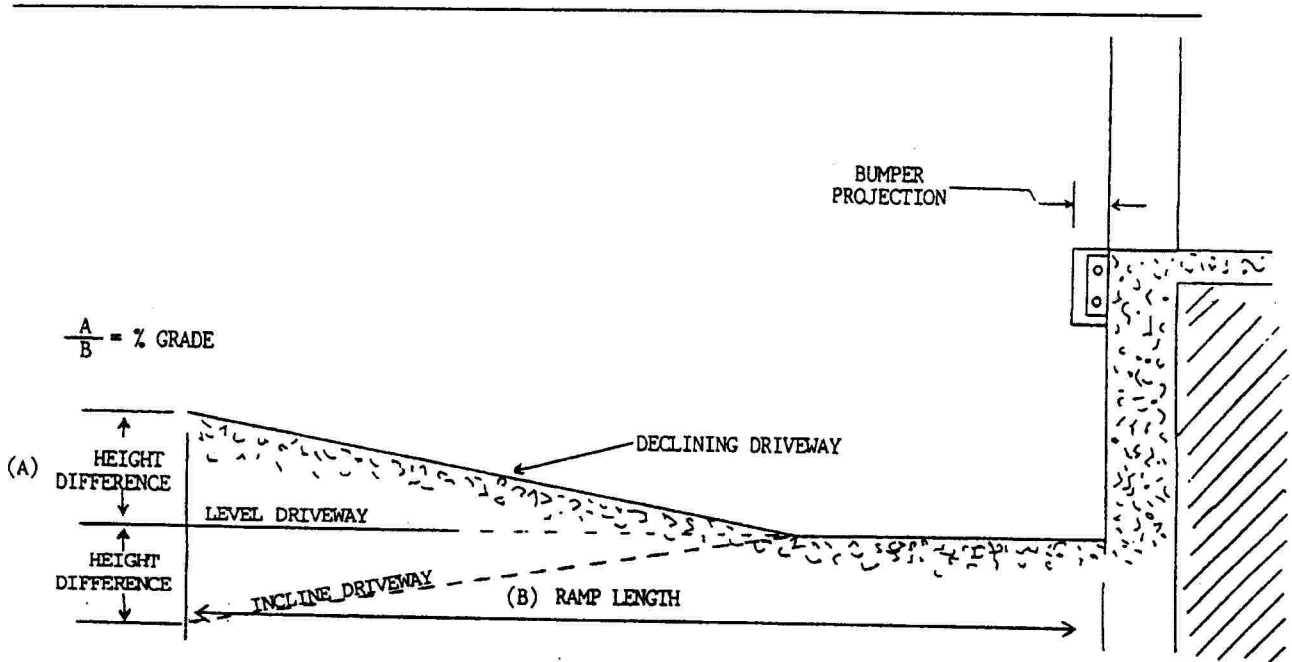
D. Metal Overhang



PIONEER Seals and Shelters

Dock Survey (Cont'd)

9. Is the approach level, declined, or inclined? What is the percentage of incline or decline?



10. Using the chart below, what should the bumper projection be?

Example:

- 24" height difference decline over 60'
- $24" \div 720 = .03$ or 3% or 3" taper

Note:

Bumper projection should always keep truck off wall a minimum of 4" in the event of a decline approach.

Suggested Taper	% Grade	Bumper Projection
0"	0%	4"
1"	1%	6"
2"	2%	6"
3"	3%	8"
4"	4%	8"
5"	5%	10 1/2"
7"	6%	12"
8"	7%	12"
9"	8%	14"
10"	9%	14"
11"	10%	16"