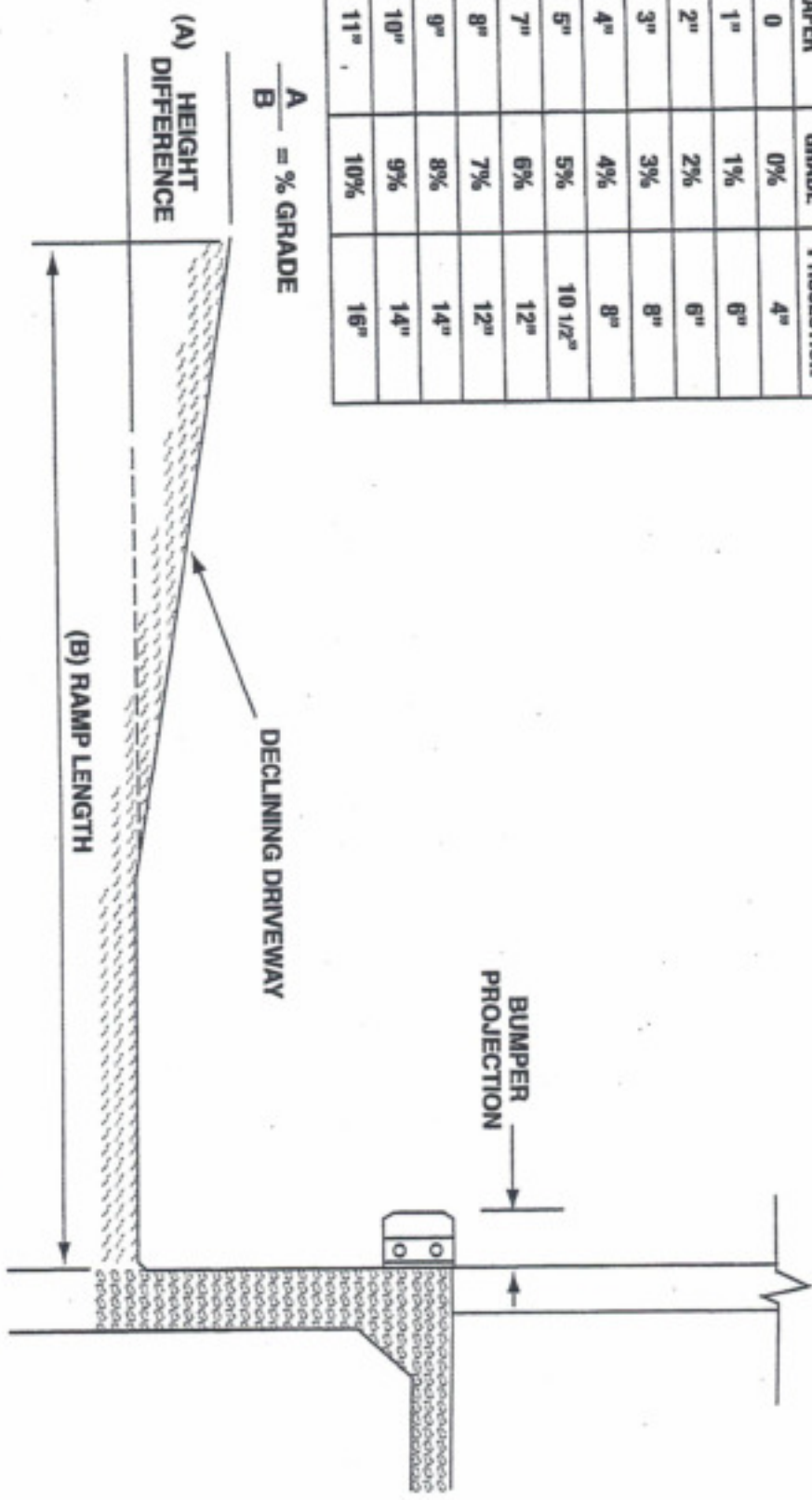


BASIC GUIDELINES FOR BUMPERS & TAPERED SEALS

(Field conditions may vary, consult factory)

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"

$$\frac{A}{B} = \% \text{ GRADE}$$



NOTES

TITLE	BUMPERS & TAPERED SEALS	GMA
JOB		LOADING DOCK EQUIPMENT