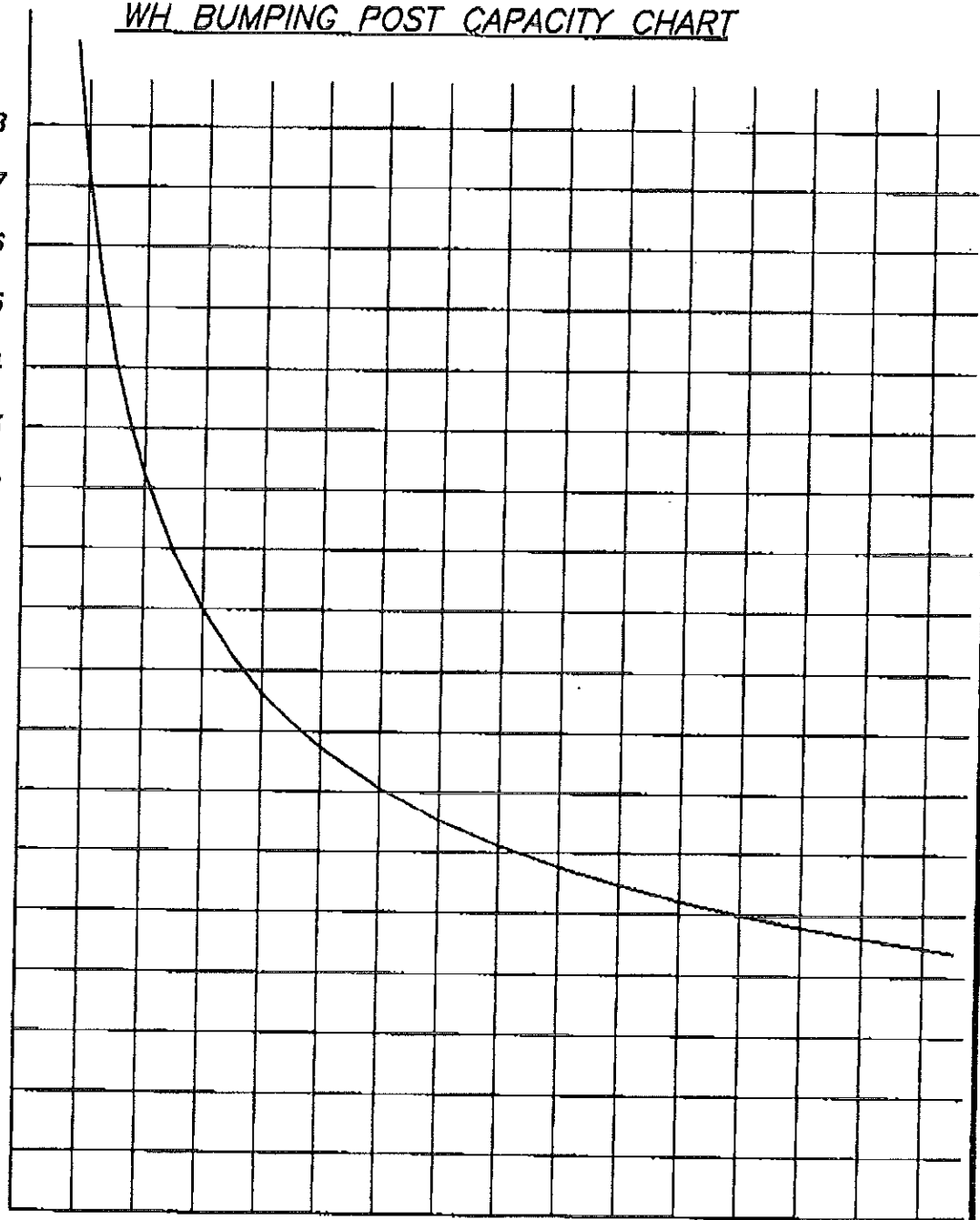


A-1477 RP 4-8-0.

WH BUMPING POST CAPACITY CHART

4.33 18
 3.86 17
 3.42 16
 3.00 15
 2.62 14
 2.26 13
 1.92 12
 1.62 11
 1.33 10
 1.08 9
 0.86 8
 0.66 7
 0.48 6
 0.33 5
 0.21 4
 0.12 3
 0.05 2
 0.01 1



DECELERATION (g's)
MAX VELOCITY M.P.H.

100,000 200,000 300,000 400,000 500,000 600,000 700,000 800,000 900,000 1,000,000 1,100,000 1,200,000 1,300,000 1,400,000 1,500,000

TRAIN WEIGHT LBS.

RESISTIVE FORCE = 400,000 LBS. MAX.
 ENERGY ABSORPTION = 1,000,000 FT. LBS. MAX.
 HYDRAULIC CYLINDER STROKE = 30 IN.