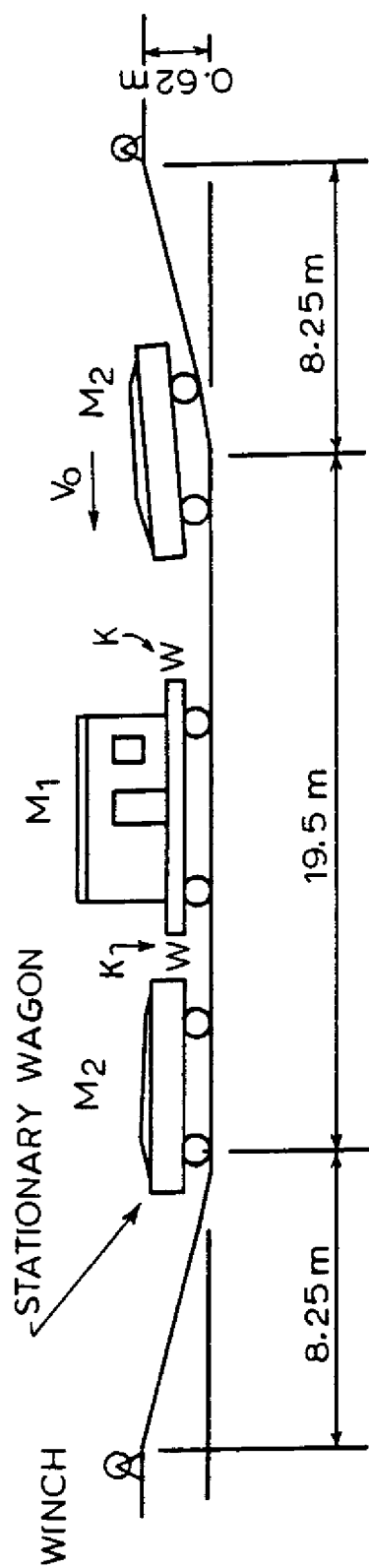




Treating M_1 AND M_2 as rigid

$$\tau = \frac{\pi M_1 \sqrt{\alpha}}{\sqrt{K M_1 (1 + \alpha)}}, \quad \alpha = \frac{M_2}{M_1}$$

$$a_{\max} = \frac{\tau V_0 K}{\pi M_1}$$

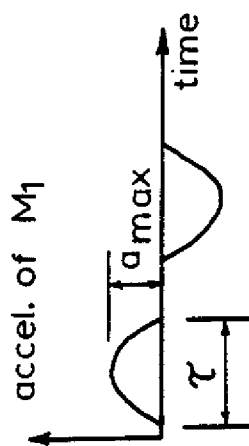


FIG. 2

Railway Wagon Shock Test Facility

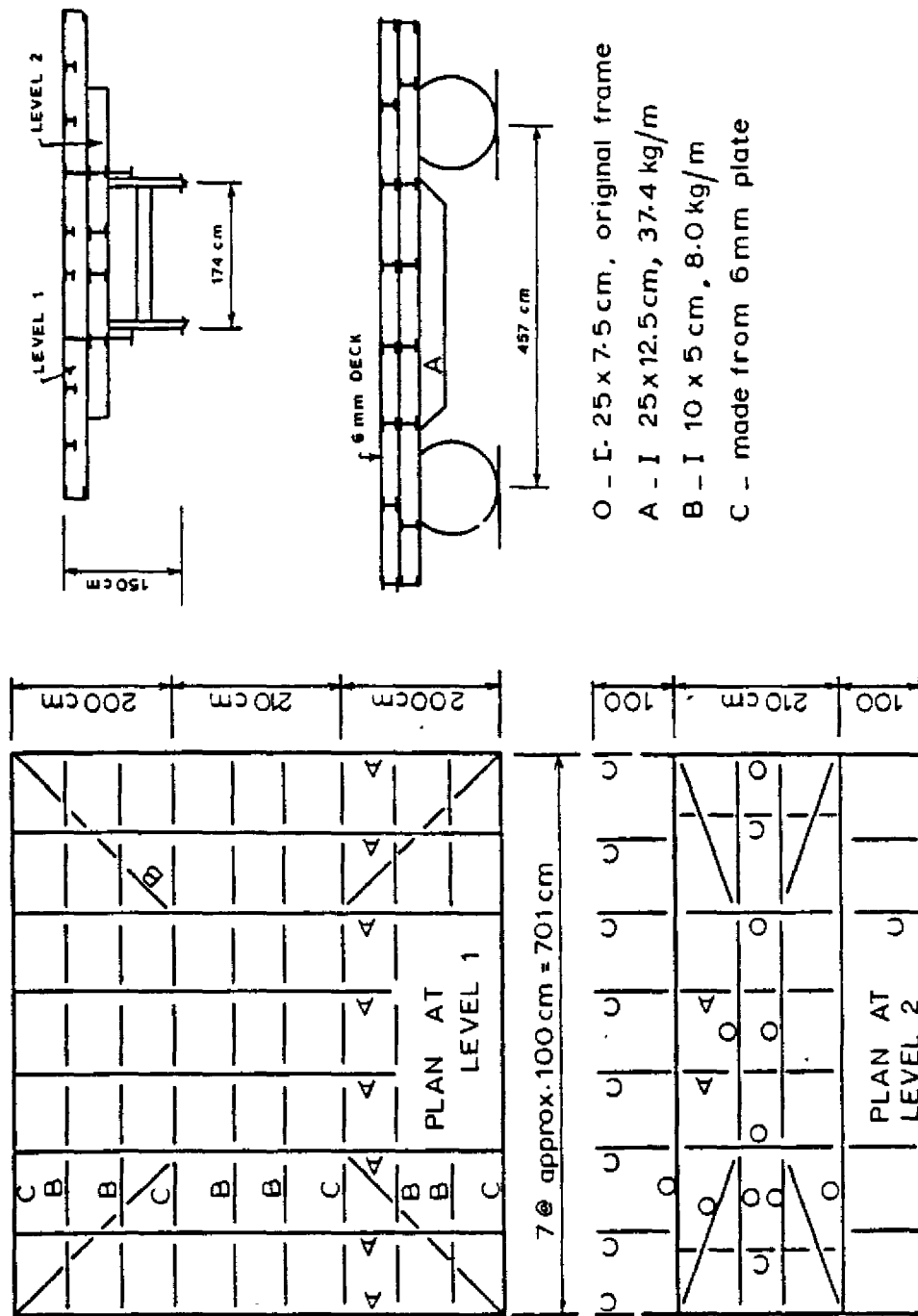


FIG. 3
Structural Details of the Shock Table

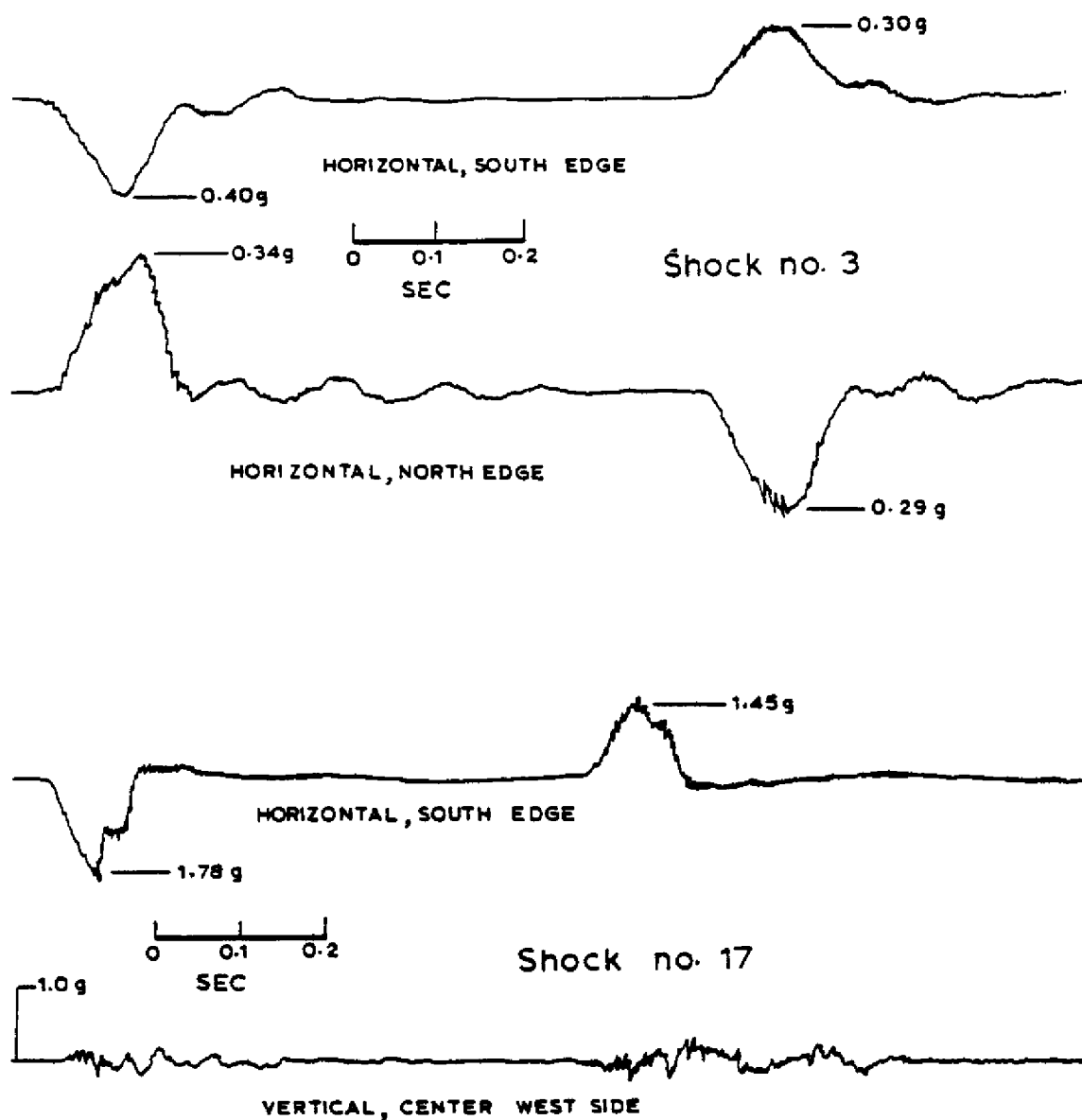


FIG. 4
Accelerations of the Shock Table

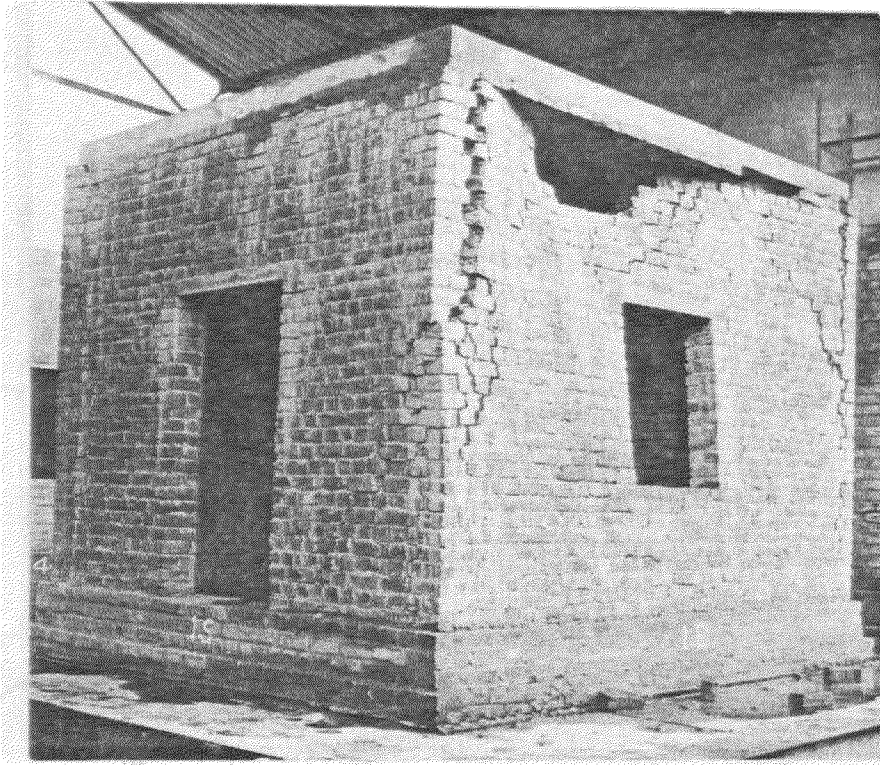


FIG. 5
Failure of unreinforced brick structure laid in mud mortar.

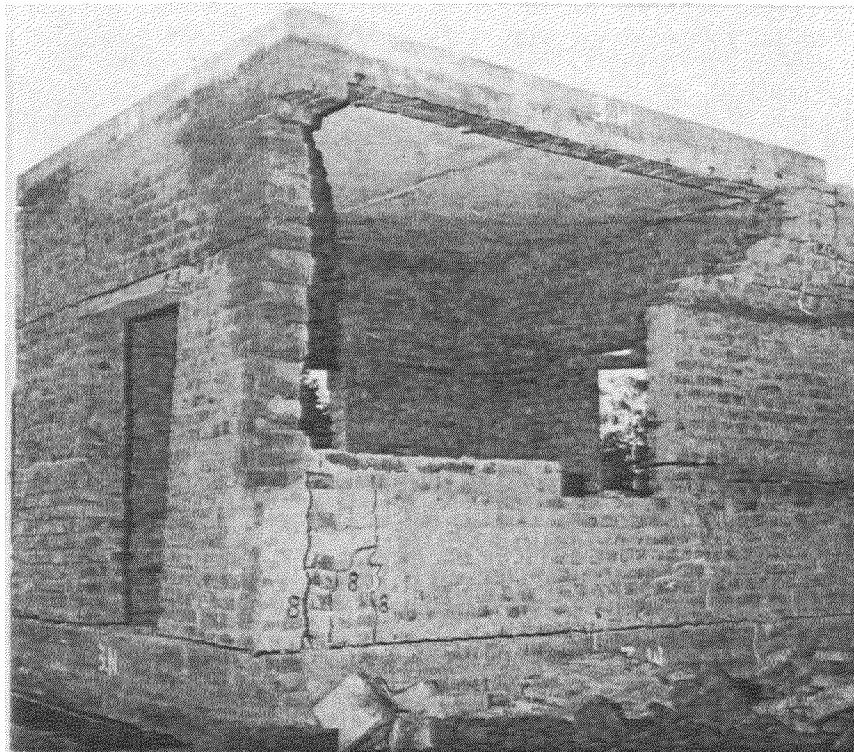


FIG. 6
Failure of unreinforced brick structure, 1:6 cement mortar.