





FIG. 6.

Note failure of concrete when horizontal reinforcement only is used. Lines of failure correspond to lines of principal compressive stress.

Figure 2. Concrete Failure Using Traditional Methods of Reinforcement.

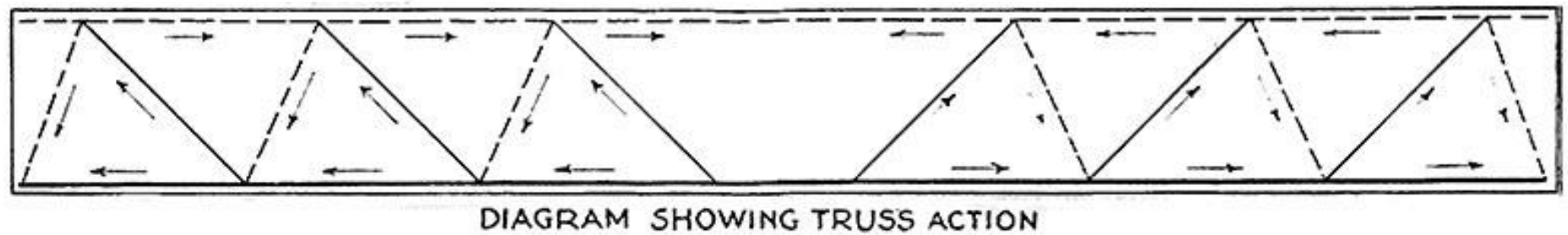
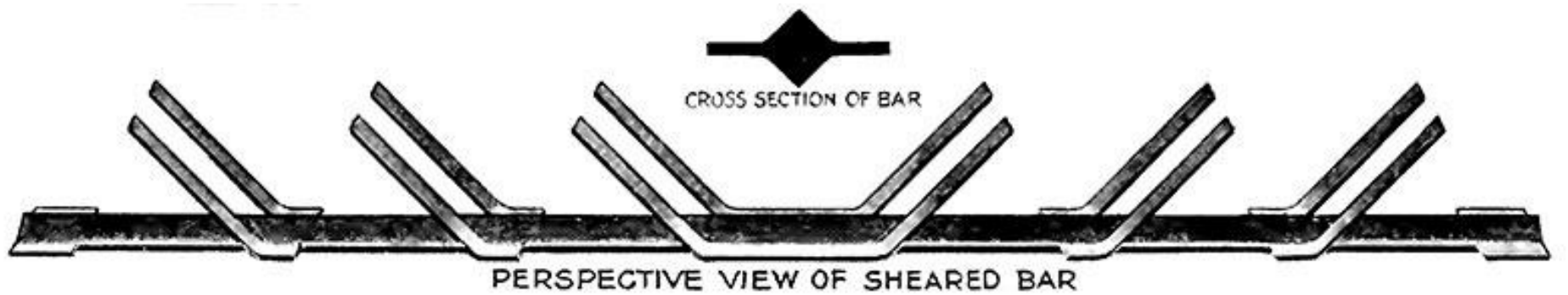




FIG. 10.

Failure of two Kahn reinforced beams

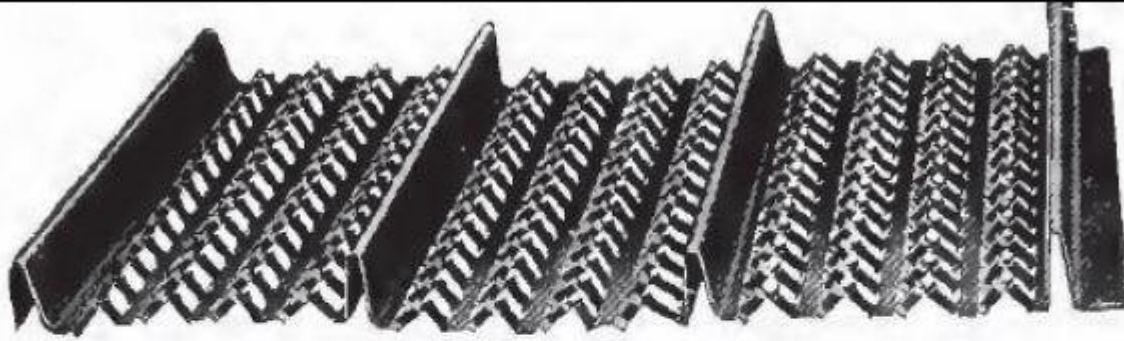
Load: Pig iron 101100 lbs.

Weight of floor slab 9300 lbs.

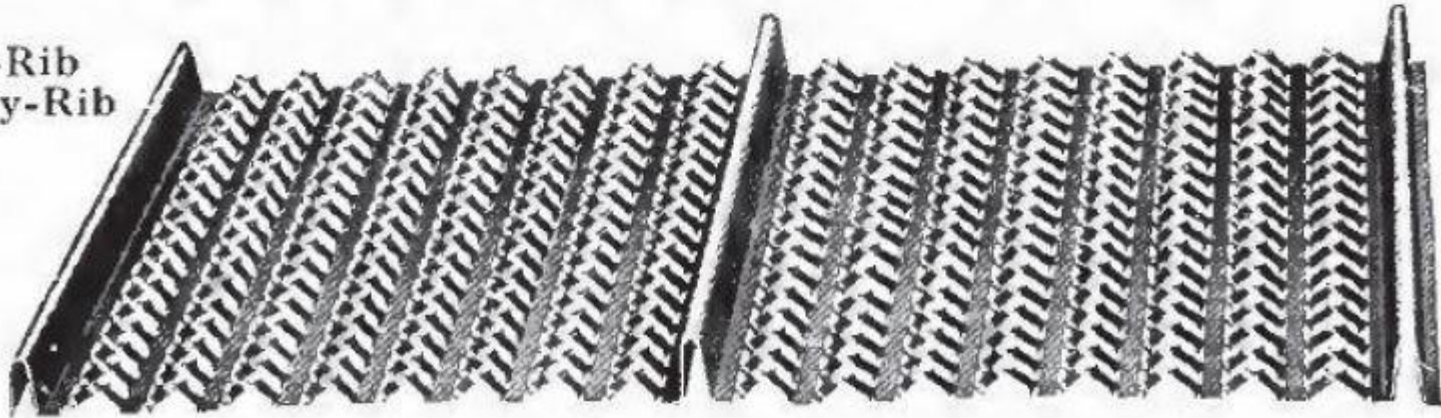
Total weight on beams 110400 lbs.

Beam failed in center pulling four bars of steel in two. Compare with Fig. 6.

4-Rib
Hy-Rib



3-Rib
Hy-Rib



Deep-Rib
Hy-Rib

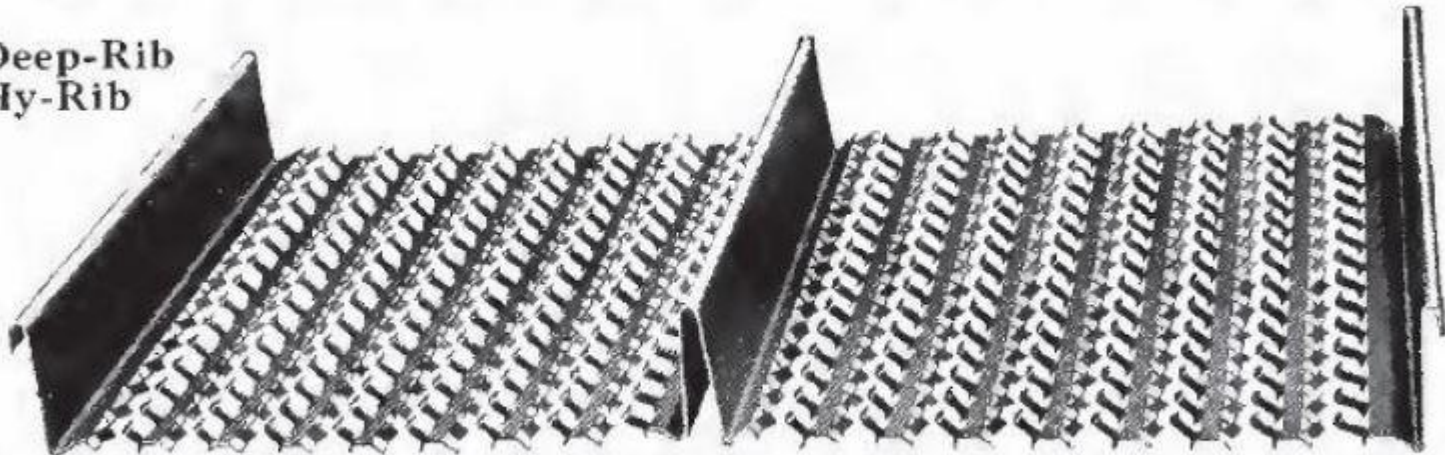


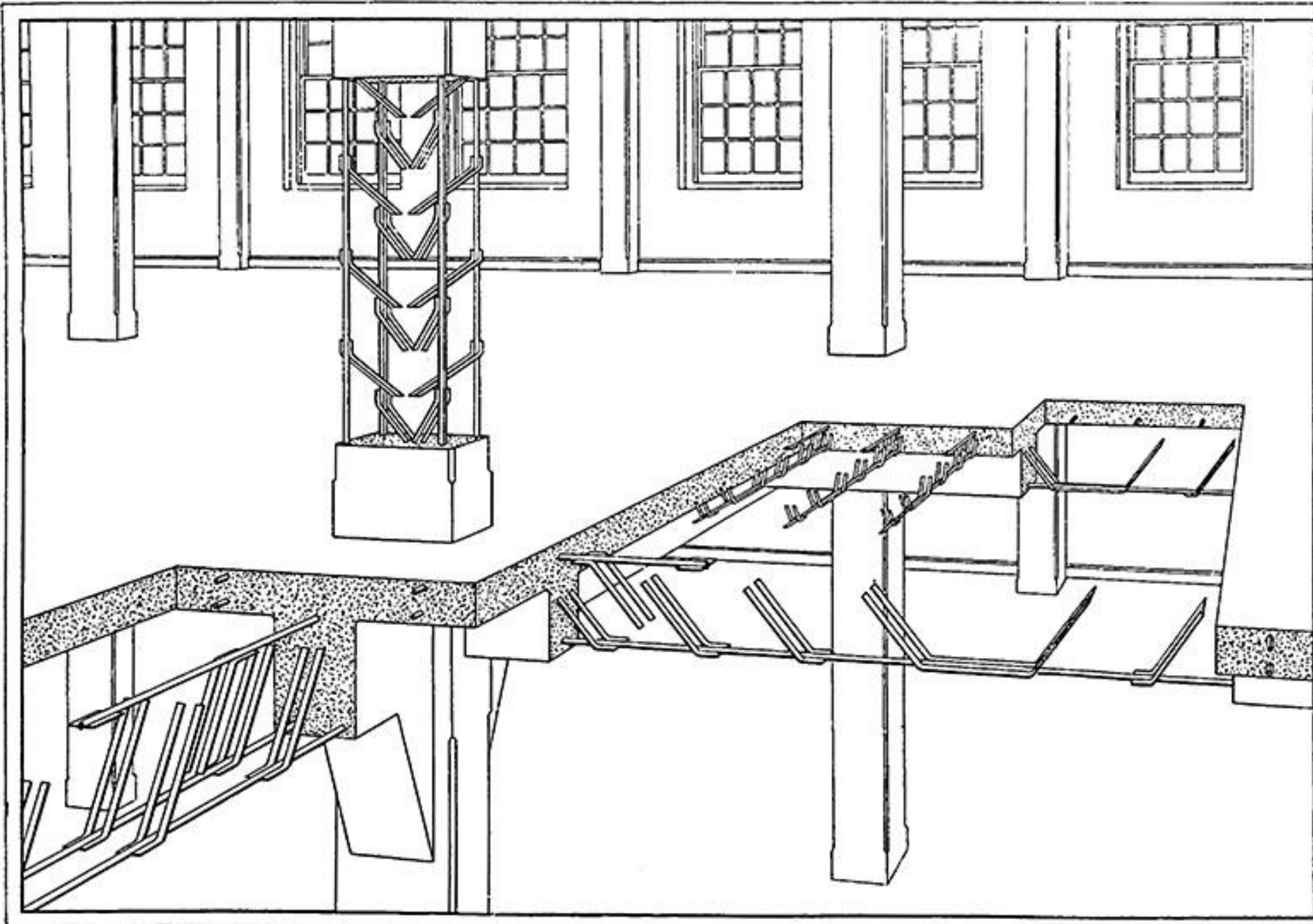
Figure 8. Hy-Rib

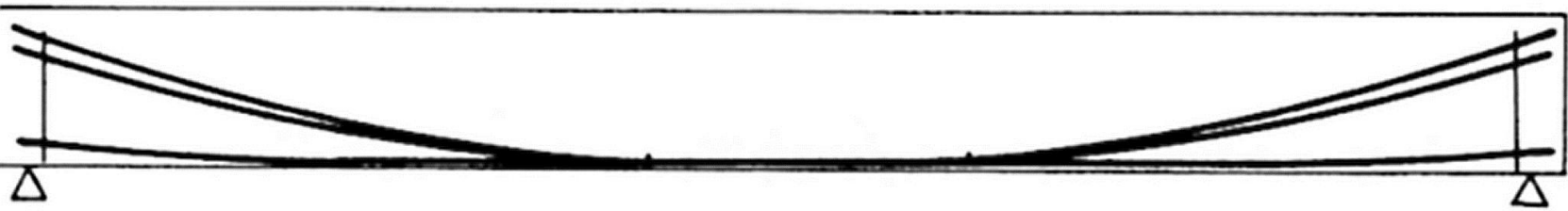
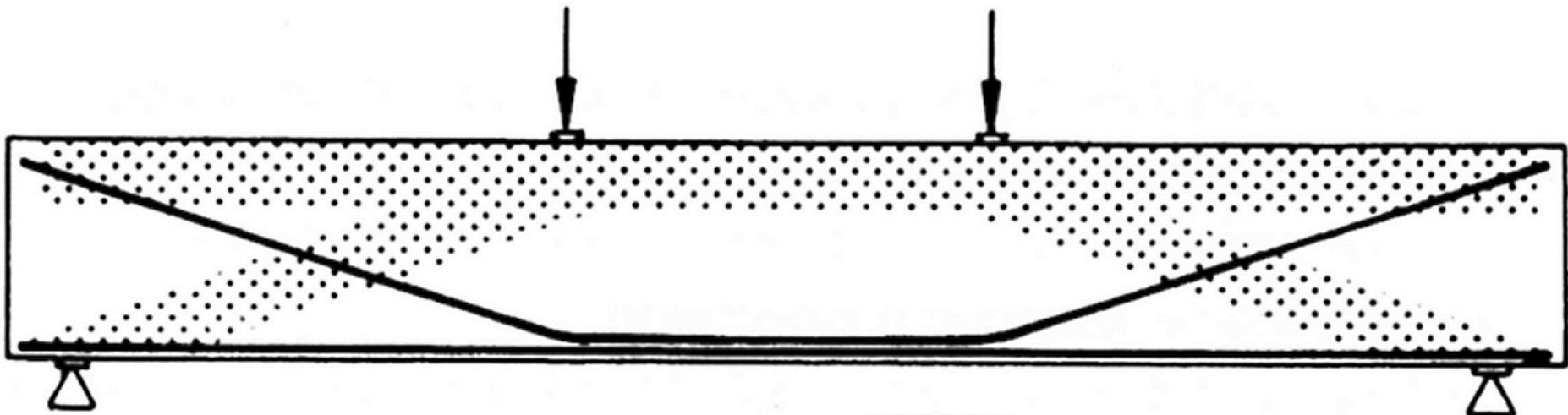


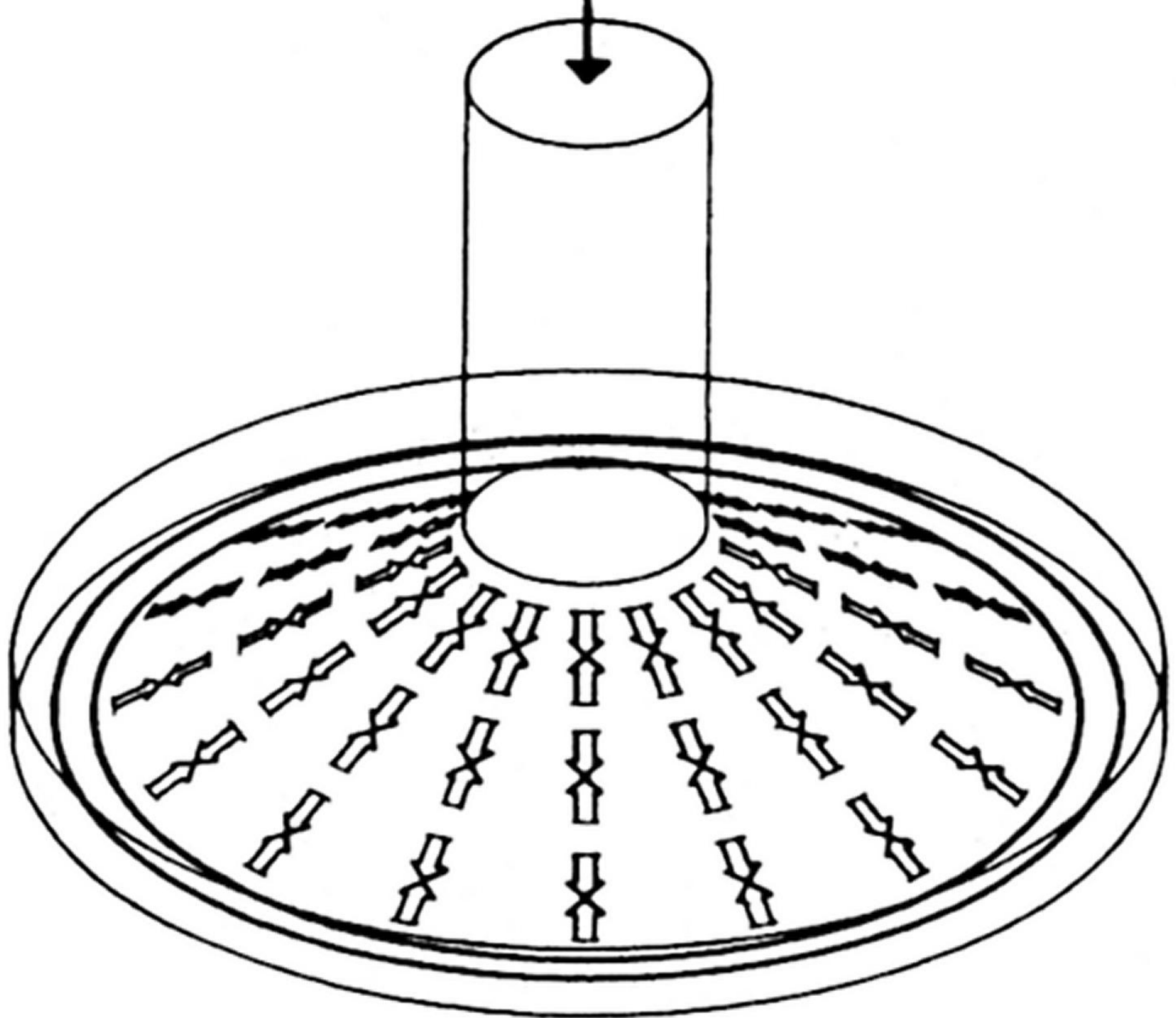


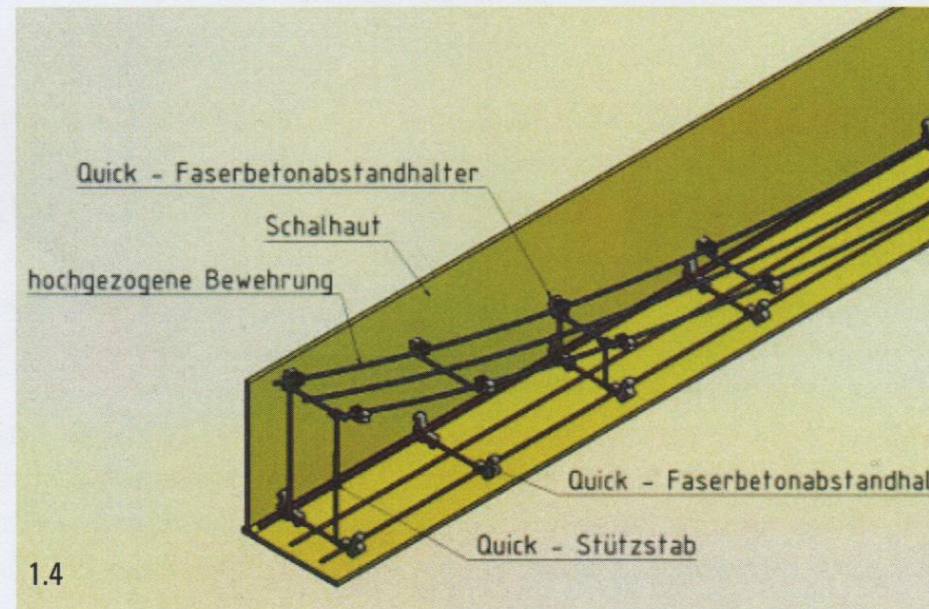
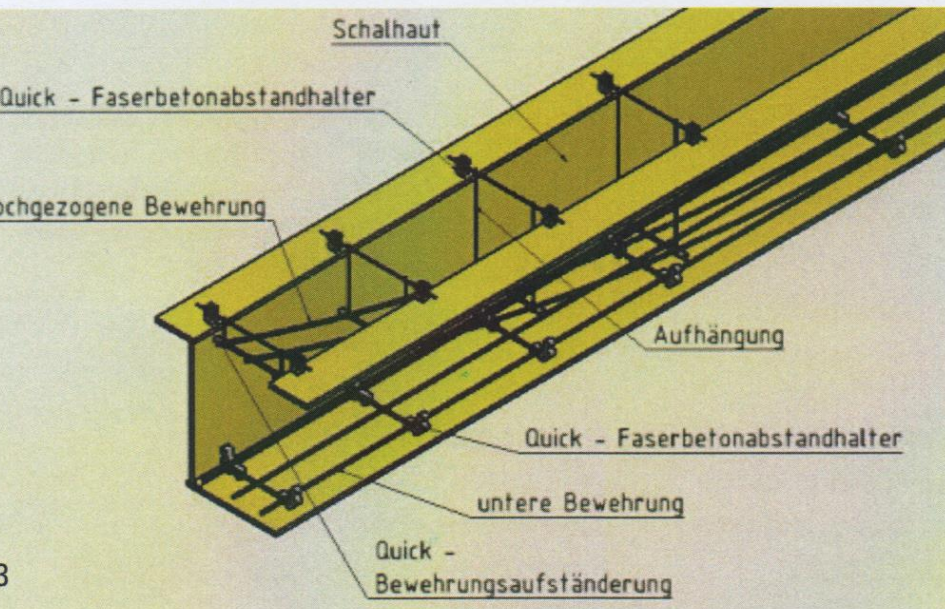
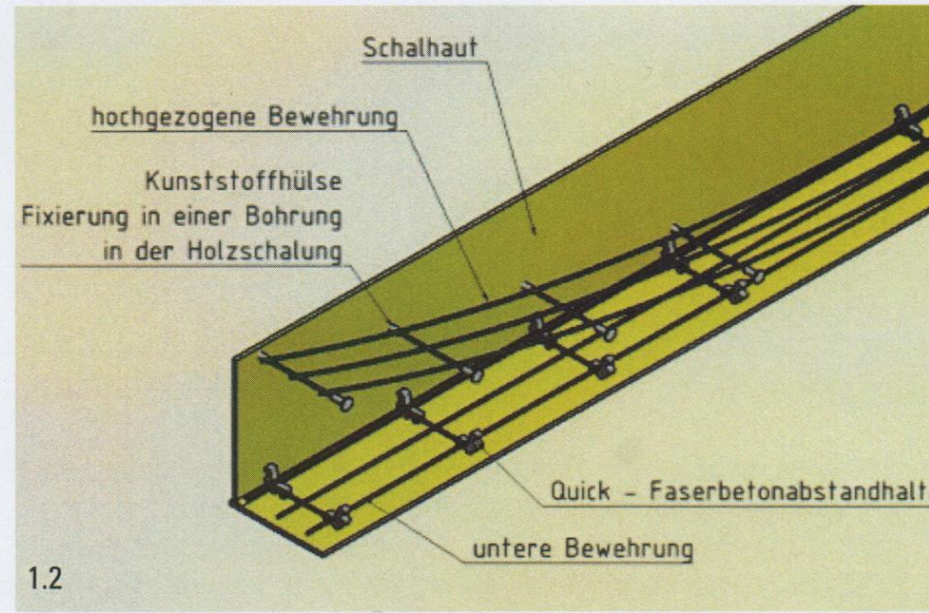
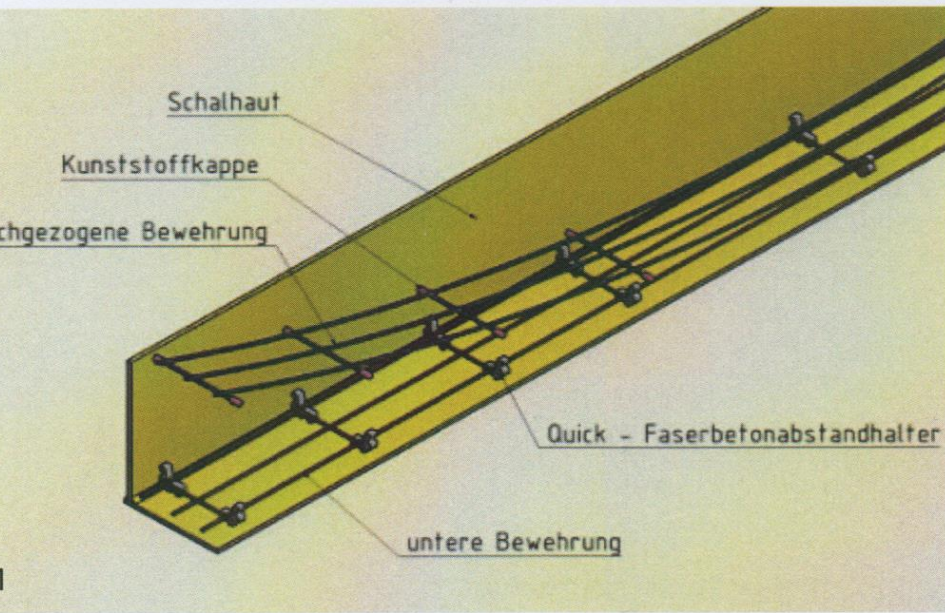
Plastering underside of Hy-Rib after being concreted above.
View taken at Hotel Tuller, Detroit.

Figure 9. Hy-Rib Plastering.









1.1 Fixierung der Mattenstreifen im Balken:
 1.1 Stützung des Querstabs gegen die Schalung mit Kunststoffkappe.

Bild 5

