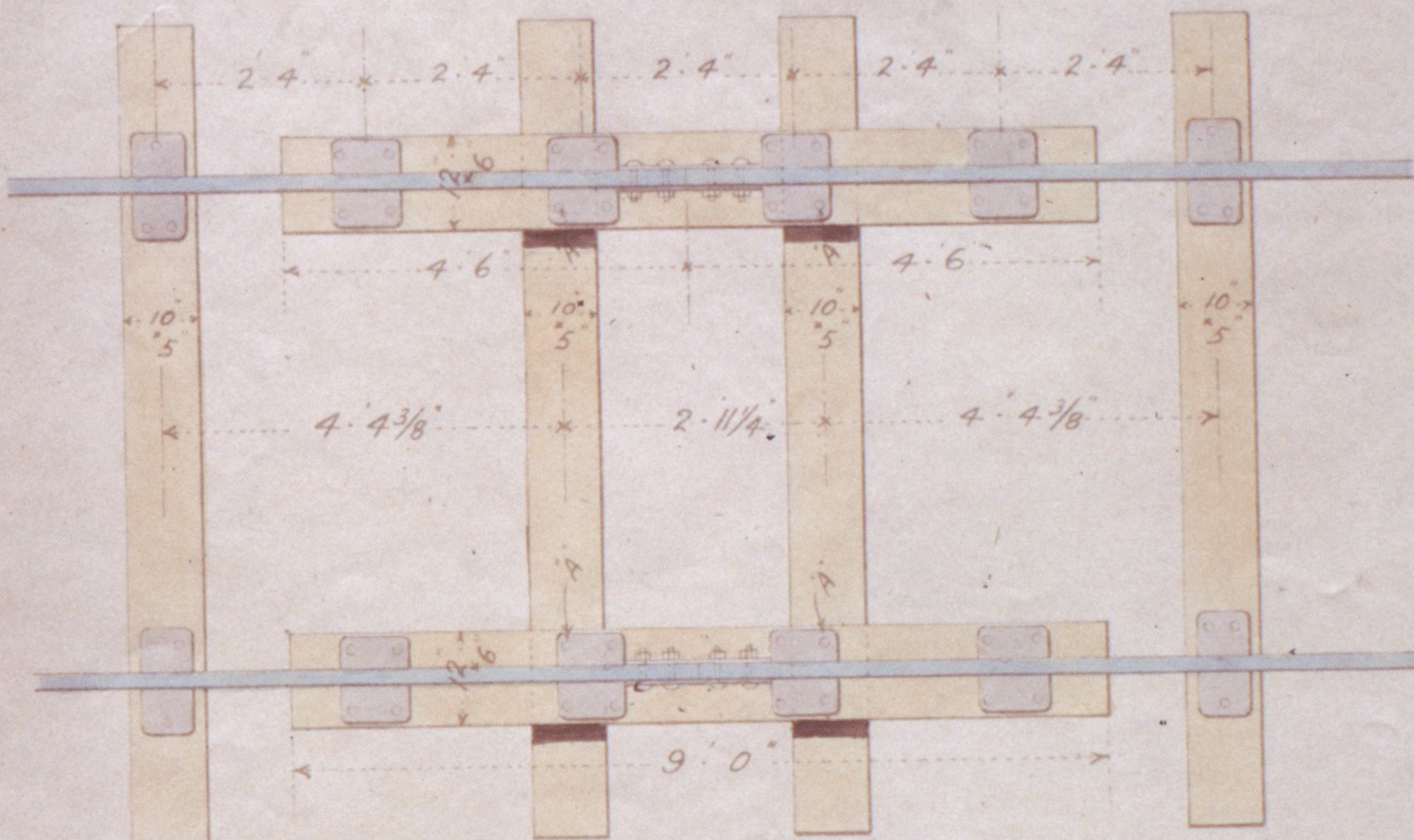


GREAT NORTHERN RAILWAY (IRELAND).

90^{LBS} STEEL BULL-HEAD PERMANENT WAY.

MILLS'S SYSTEM B OF STRENGTHENING RAIL JOINTS.

WITH LONGITUDINAL TIMBER.

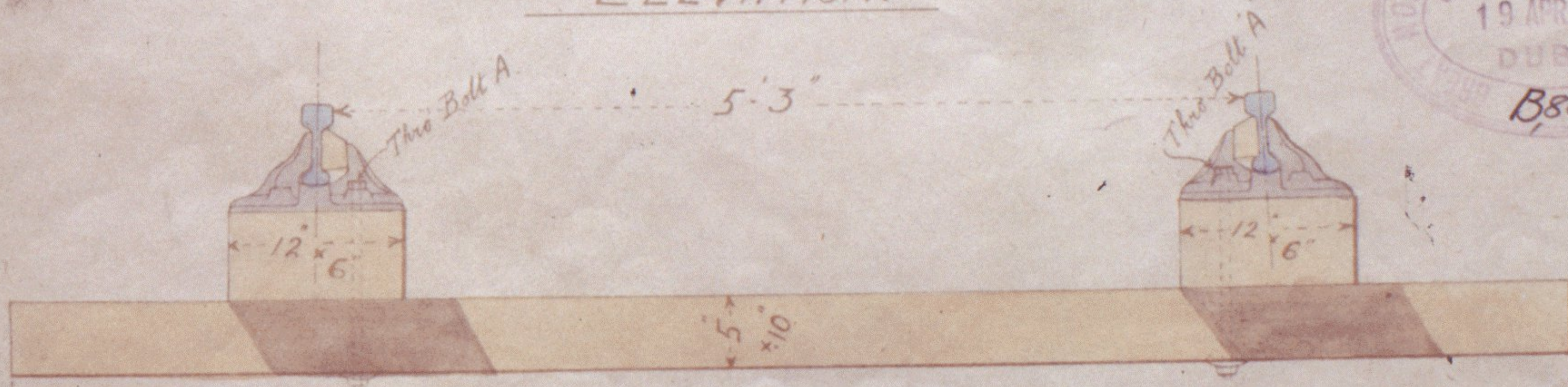


PLAN.

SCALE 1/2" = 1 FOOT.



ELEVATION.



SCALE 1" = 1 FOOT.

SECTION.



M. A. Mills
 Engineer in Chief
 April 6. 1905