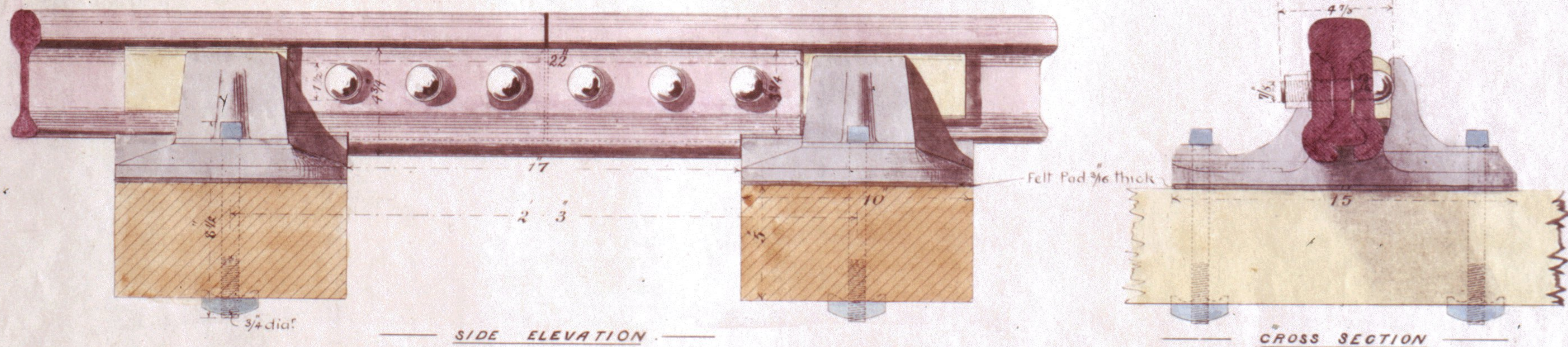


— Midland Railway Northern Counties Committee. —

— Standard Bull Headed Rail Joint. —

— 1/4 Full Size. —



— SIDE ELEVATION. —

— CROSS SECTION —

Rail, 83 lbs. per Yard.

Key, $7 \times 1 \frac{1}{4}$, 19 ozs.

Fishplates, 46 lbs per pair.

Fishbolt, Nut, Washer, 28 ozs. (Lobbotsens Patent)

Chair, 56 lbs.

Crab Bolts, two, 31 ozs each.

(Signed) Berkeley D. Wise.
Chief Engineer. March 1905