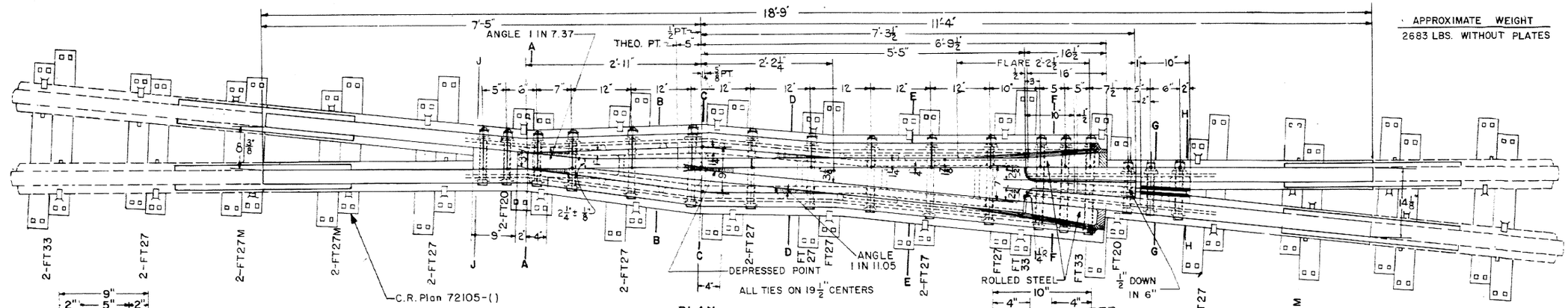
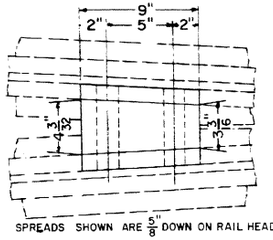
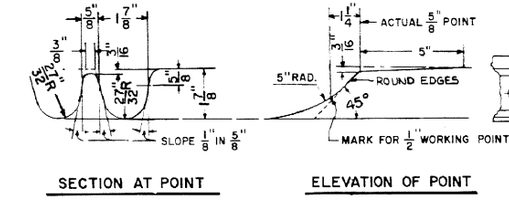
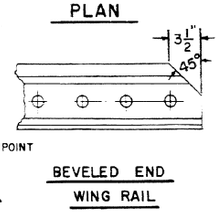
Revisions
"A" June, 1978
"B" Jan., 1982

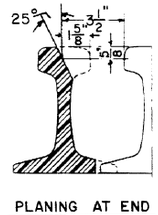


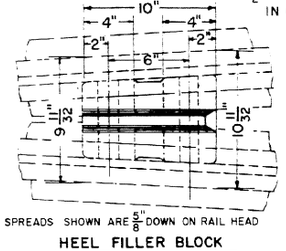


TOE FILLER BLOCK

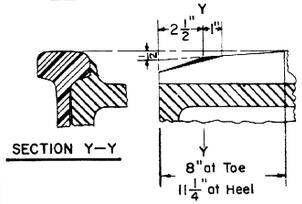


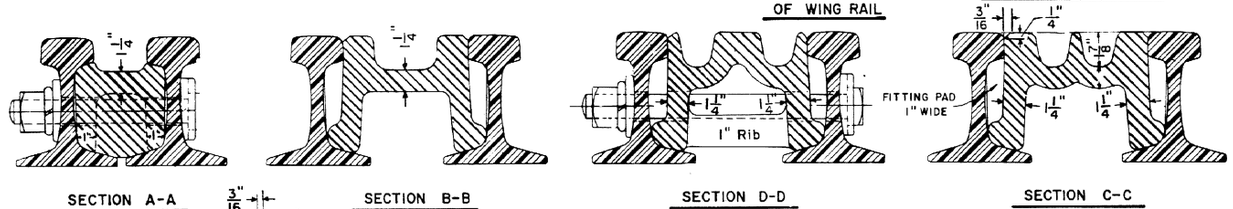


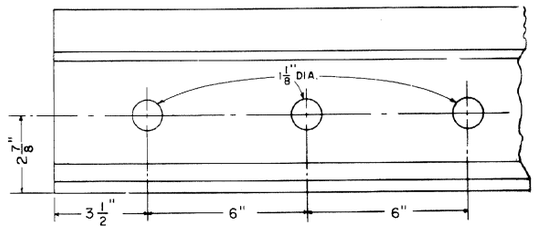




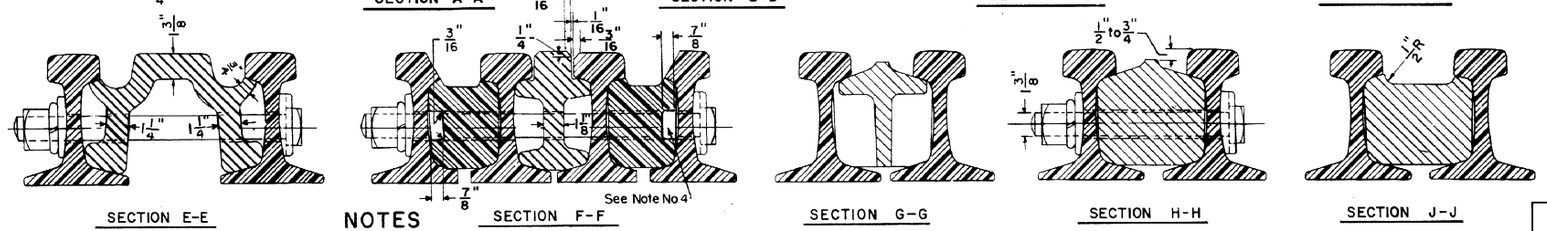
HEEL FILLER BLOCK







RAIL END DRILLINGS



NOTES

1- Casting to be explosion hardened, with toe and heel arms end hardened including the end of heel arms that fix next to casting.
2- This plan is for use with A.R.E.A. recommended standards for 119 R.E. rail.
3- Workmanship and materials, including beveling and hardening rail ends, shall be per current "A.R.E.A. Specification."
4- Groove for bond wires shall extend from end of filler block at least to the center line of the second bolt hole.
5- All bolts used in construction of frog, shall be dipped immediately before applying (so all threads are thoroughly coated) in NO-OX-ID "GG" grease.

FROG TIE PLATES REQUIRED

3 - FT 20
15 - FT 27
4 - FT 27 Mod.
4 - FT 33
2 - FTR 27 Mod.
2 - FTR 31 Mod.
2 - FTR 33

CONRAIL

74154-C

STANDARD

No. 10 RAILBOUND MANGANESE STEEL FROG

FOR 119 LB. R.E. RAIL

JANUARY, 1977

R H Smith
Chief Engineer - Maintenance of Way

A R Gordon
Chief Engineering Officer