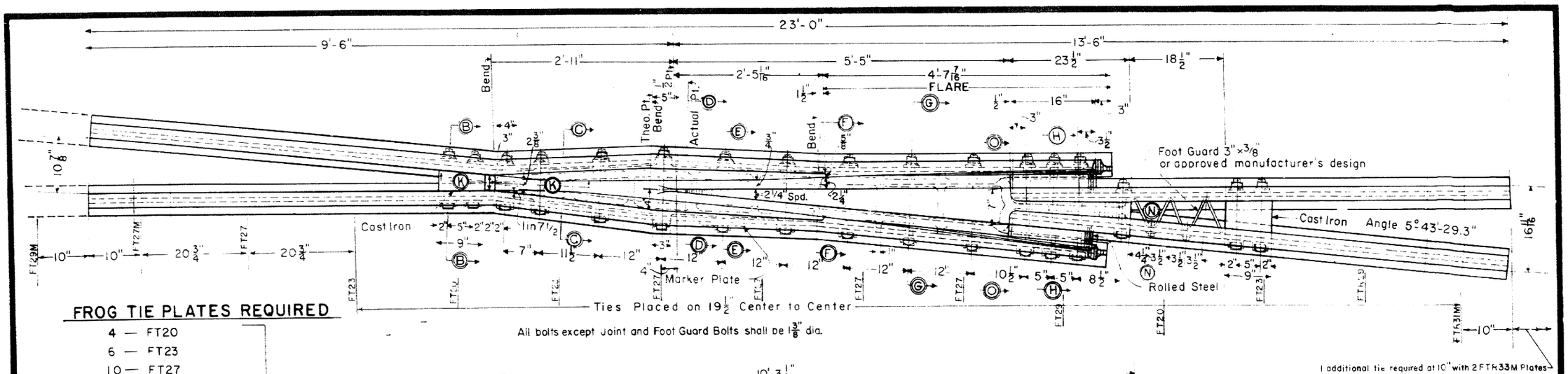
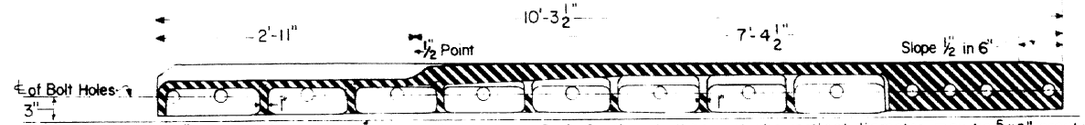


FROG TIE PLATES REQUIRED

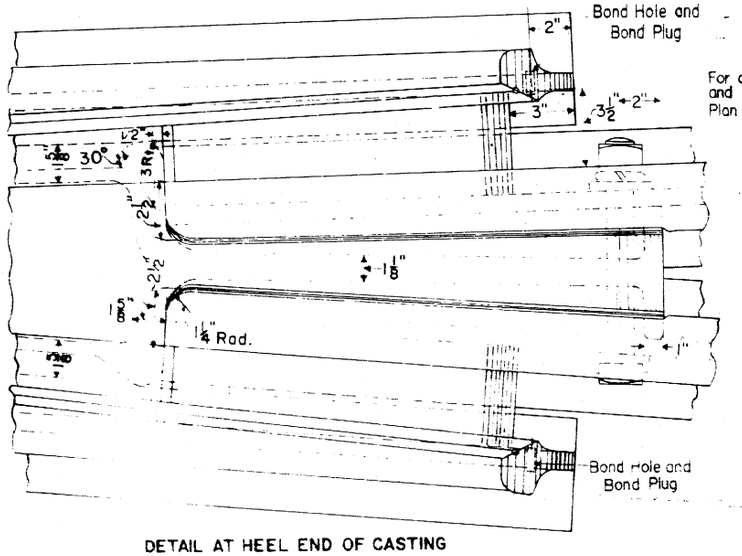
- 4 — FT20
- 6 — FT23
- 10 — FT27
- 2 — FT27 Modified
- 2 — FT29
- 2 — FT29 Modified
- 2 — FTR29
- 2 — FTR31 Modified
- 2 — FTR33 Modified

— C.R. Plan 72105-( )



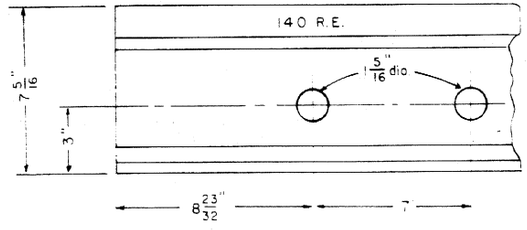
Cored Bolt Holes in Body Casting shall be oval; the vertical diameter may be 5/16" greater than the diameter of the bolt; the horizontal diameter not more than 3/4" greater than the diameter of the bolt.

SECTION THROUGH MANGANESE BODY ON CENTER LINE



For details of bond holes and bond plugs, see Plan 74149-( ).

DETAIL AT HEEL END OF CASTING



RAIL END DRILLING

FOR FIELD WELDS

NOTES

1 — This plan is for use with A.R.E.A. recommended standards for 140 RE Rail.

2 — Workmanship and materials, including beveling and harding rail ends, shall be per current "A.R.E.A. Specifications"

3 — Groove for bond wires shall extend from end of filler block at least to center line of second bolt hole.

4 — All bolts used in construction of frog and switch material shall be dipped immediately before applying (so that all threads are thoroughly coated) in NO-OX-ID "GG" grease, manufactured by Dearborn Chemical Company.

5 — When frog is to be used in bolted track, first bolt hole is to be drilled in the field as shown on C.R. Plan 71010.

Sections and other details shall be in accordance with Standard Plan 74149-( ).

CONRAIL

74141-A

STANDARD

NO. 10 RAILBOUND MANGANESE STEEL FROG

FOR 140 RE RAIL

DECEMBER 1976

R.H. Smith
Chief Engineer - Maintenance of Way

F.R. Gordon
Chief Engineering Officer