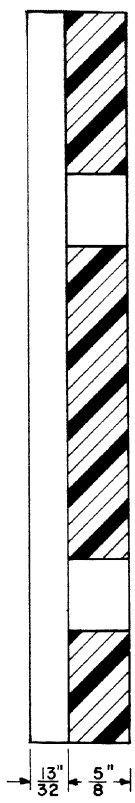


PLAN

* Armored Joint, all others listed are regular insulated joints.



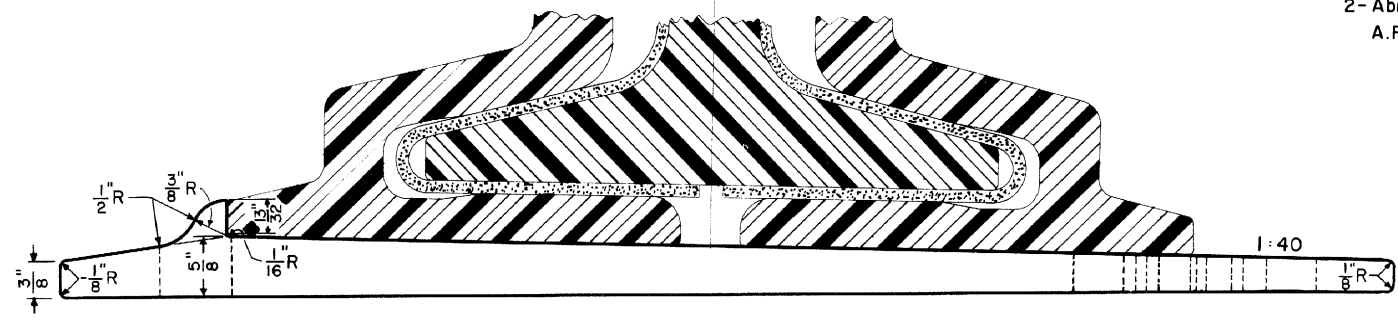
SECTION X-X

SPIKING INSTRUCTIONS

- 1- Use 2 rail holding spikes in all cases on field side of plate in holes designated "A".
- 2- When any one spike hole designated "B" is used for rail holding, use spike hole designated "D" for plate holding spike, when required.
- 3- When either spike hole designated "C" or "D" is used for rail holding, use spike hole designated "E" for plate holding spike, when required.

NOTES

- 1- All spike holes to be $\frac{3}{4}''$ square, with $\frac{1}{16}''$ fillets in the corners.
- 2- Abrasion Plates shall be made in accordance with the current A.R.E.A. Specifications for "Low-Carbon Steel Tie Plates With Copper."



TYPICAL ELEVATION

Bearing area on tie 100.5 sq. inches

CONRAIL 72091-A
 STANDARD
ABRASION PLATE
 FOR CONTINUOUS INSULATING JOINT
 AUGUST, 1982

J. R. Clark
 Chief Engineer - Maintenance of Way

A. B. Gordon
 Chief Engineering Officer