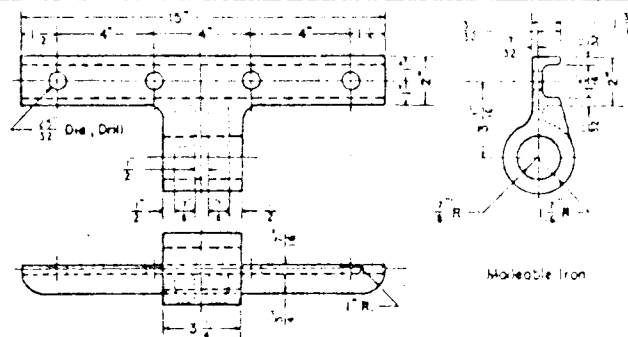
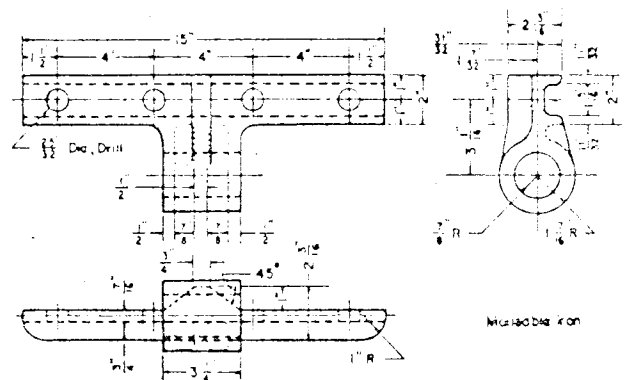
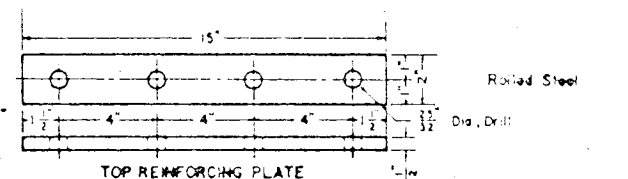




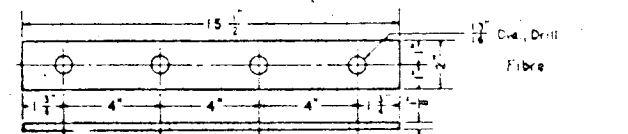
NON-INSULATED ROD BASKET



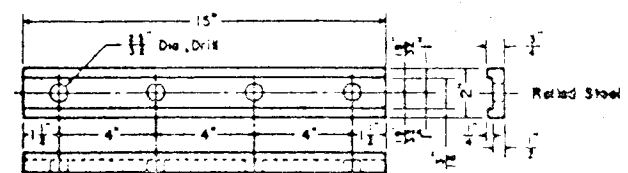
INSULATED ROD BASKET



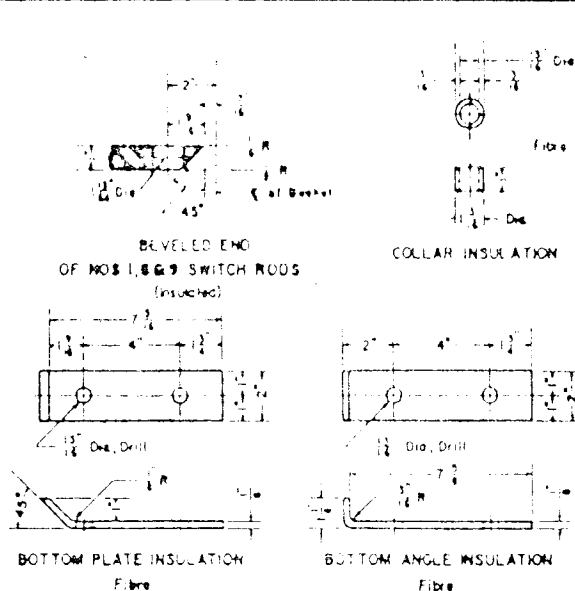
TOP REINFORCING PLATE



TOP PLATE INSULATION

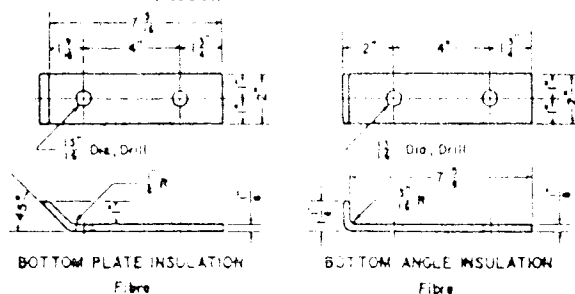


HEAD LOCK REINFORCING PLATE



BEVELED END
OF NOS 1, 8 & 9 SWITCH RODS
(Insulated)

COLLAR INSULATION



BOTTOM PLATE INSULATION

BOTTOM ANGLE INSULATION

NOTE—
When Movable Point Crossings, Slip Crossings, or Slow Acting Spring Switches are ordered complete, the Manufacturer shall drill these holes for rod bolts at the requested locations, and the rod bolt holes in rods for movable point rails shall be located equidistant from the center line of the rod.
When Rods are ordered separately for Movable Point Rails, Switch Rails of Slip Crossings, or Switch Rails of Slow Acting Spring Switches, such rods shall be furnished drilled at one end only, and these holes for rod bolts shall be drilled in the field.

Requirements for rods alone must specify Rod Number, whether insulated or non-insulated, and the number of this plan, and in addition, whether the rods are ordered for Standard Split Switches, Slow Acting Spring Switches, Movable Point Rails, or Switch Rails of Slip Crossings.

When non-insulated, the rods shall be furnished solid.
Rods Nos 1, 8 and 9 shall be furnished complete with rod basket, but without sleeve for basket.

Head Lock Reinforcing Plate shall be furnished on Insulated Rods Nos. 2, 3, 4, 5, 6 and 7.

All switch rod joint bolts shall have A.S.A. Regular square heads and A.S.A. Heavy square nuts with helical spring washers; and all such bolts shall be carbon-steel with medium-carbon steel nuts, and shall conform to requirements of current A.R.E.A. Specifications for Heat-Treated Carbon-Steel Track Bolts, and Carbon-Steel Nuts.

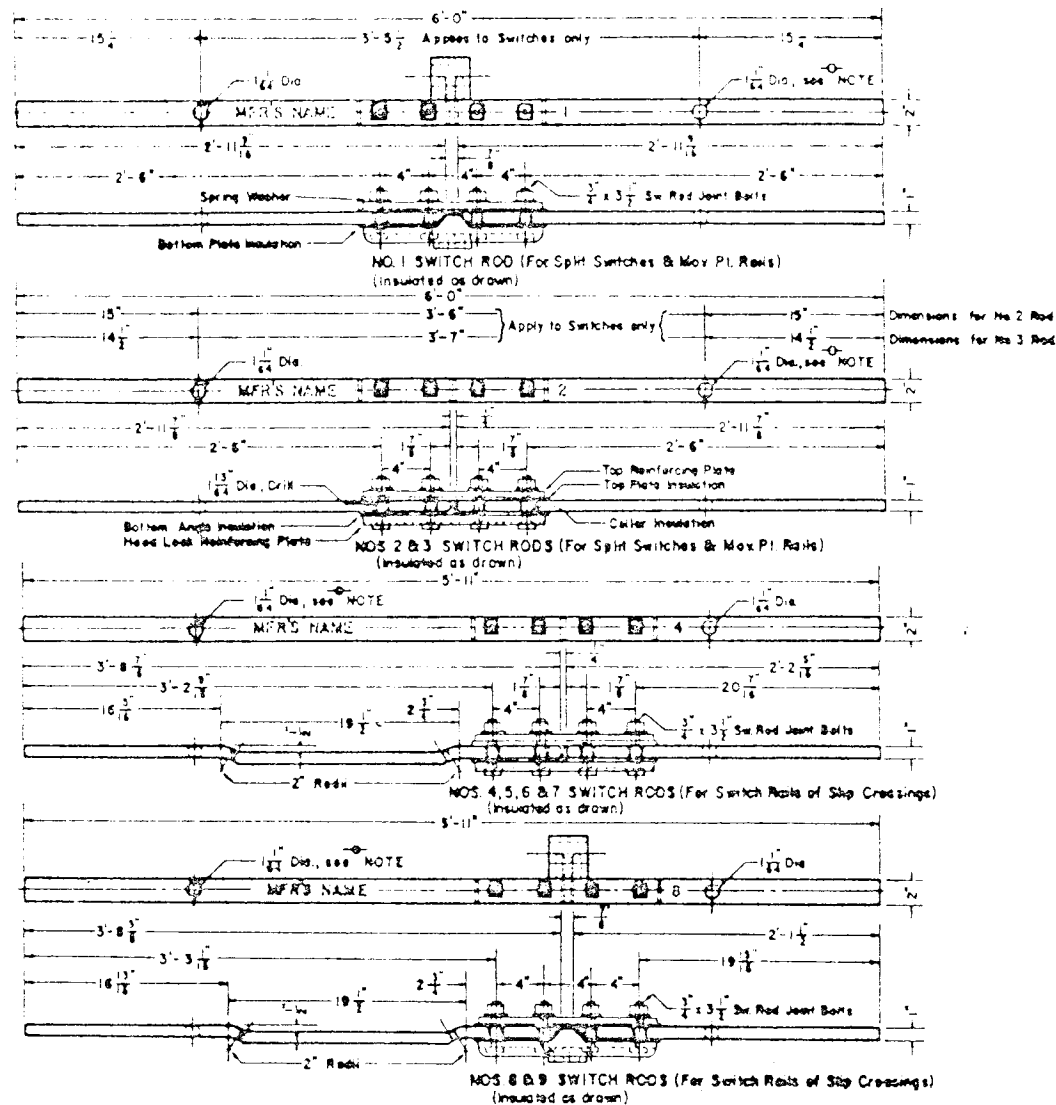
All spring washers shall conform to The Pennsylvania Railroad Specifications for Helical Spring Washers, C.E. 7-1.

All fibre parts must meet the requirements of current A.A.R. Signal Section Manual, Part 5B, Specification No. 13 for "Hard Fibre", and A.A.R. Signal Section Manual, Part No. 17B, covering "Requisites for Fabricated Fibre Parts for Track Insulation."

All rods must be clearly marked by steel stamp with deeply cut characters to indicate manufacturer's name or trade mark, and the rod number as indicated on this plan, in the position as shown.

All Switch Rails shall conform to AISI Grade No. C-1030 (Marchant Bar Quality Steel).

All Head Locks and Top Reinforcing Plates, shall conform to AISI Grade No. C-1020 (Marchant Bar Quality Steel).



73600-D

THE PENNSYLVANIA RAILROAD
STANDARD
DETAILS OF
RODS FOR SPLIT SWITCHES, MOVABLE POINT AND SLIP CROSSINGS
FOR 100 AND 130-LB. R.R. RAIL
OFFICE OF CHIEF ENGINEER, PHILA., PA., MAY 1951