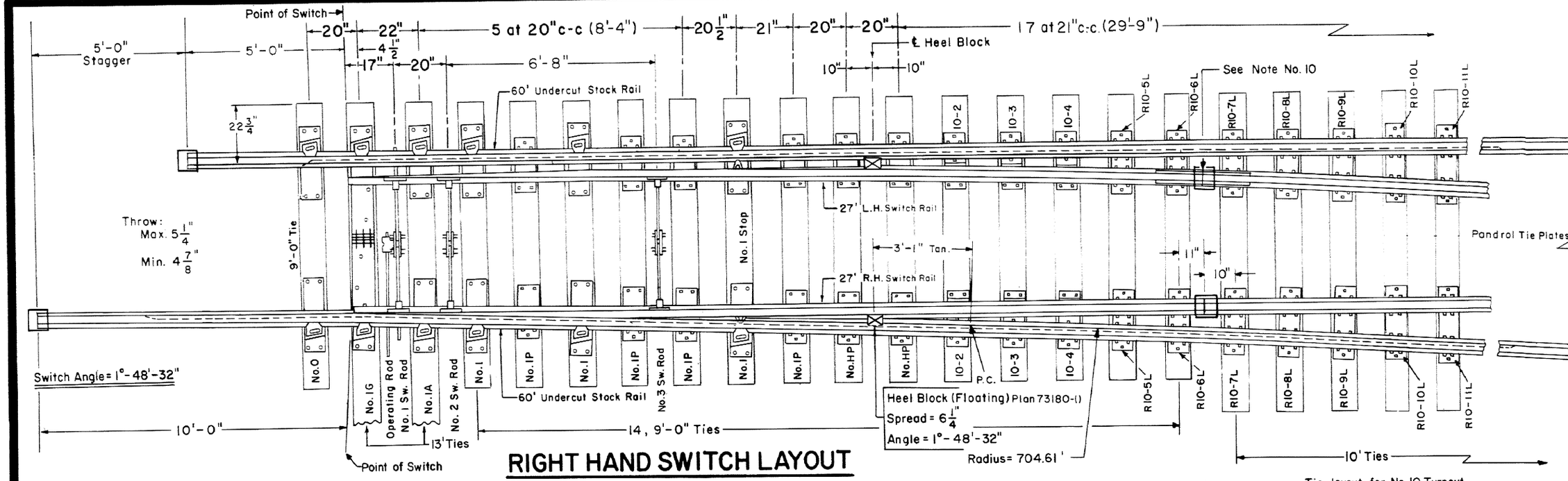
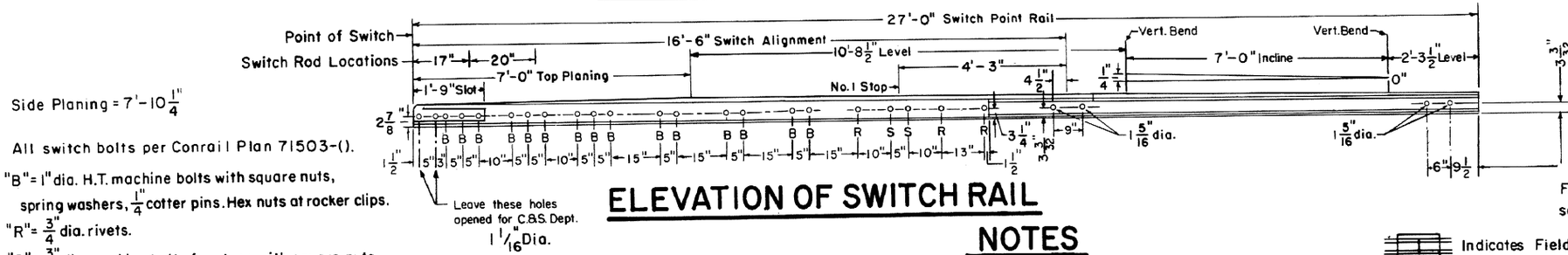
Revisions
"B"- Mar., 1979
"C"- Jan., 1980
"D"- May, 1980
"E"- Dec., 1981
"F"- Jun., 1983
G - Sept., 1985
H - Apr., 1986
I - June, 1991
J - Jan., 1993
K - Dec., 1994
L - July, 1996




# RIGHT HAND SWITCH LAYOUT




# ELEVATION OF SWITCH RAIL

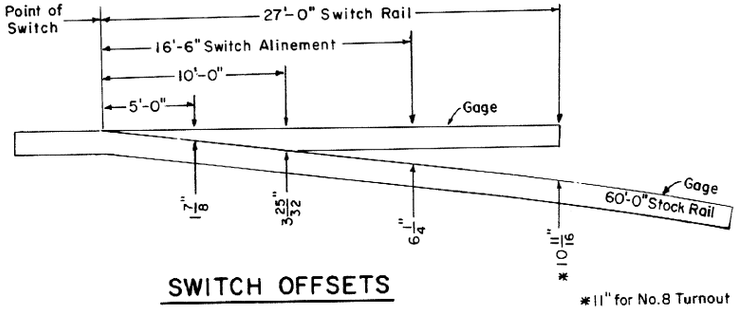
Side Planing = 7'-10 1/4"

All switch bolts per Conrail Plan 71503-().

"B" = 1" dia. H.T. machine bolts with square nuts, spring washers, ¼" cotter pins. Hex nuts at rocker clips.

"R" = ¾" dia. rivets.

"S" = 15/4" dia. machine bolts for stops with square nuts, spring washers and 3/16" cotter pins.




## SWITCH OFFSETS

*11" for No.8 Turnout

Tie layout for No. 10 Turnout see Conrail Plan 73185-().

See Conrail Plan 73167-() for detail showing clearance on reinforcing bar for electric switch heater supports.

For placing of special plates 10-2 thru 10-11 see Plan 72222-().

Indicates Field Weld

12 - All bolts shall be dipped immediately before applying (so that all threads are thoroughly coated) in NO-OX-ID "GG" grease manufactured by Dearborn Chemical Co.

## NOTES

1 - This plan is for use with A.R.E.A. recommended standards for 132 R.E. / 136 RE
2 - Workmanship and materials shall be as per current A.R.E.A. Specifications.
3 - Gage Plate 1-G as shown on Conrail Plan 73522-().
4 - Switch Plates Nos. 0, 1, 1A, 1P, HP shown on Conrail Plan 73522-().
5 - Turnout Plates No. 2 thru No. 11 as shown on Conrail Plan 72222-().
6 - Stock Rails to be undercut as per Conrail Plan 73062-().
7 - Switch Rails to be undercut per A.R.E.A. Design 5100.
8 - All rails to be Fully Heat Treated, and meet CR MW180 Spec.
9 - Vertical insulated switch rods and adjustable rocker clips as per Conrail Plan 73518-().
10 - All rails, including switch rails, to be drilled per Conrail Plan 71015-() or Plan 71016-(), except that first hole is not to be drilled by the manufacturer. Conrail forces to field drill first hole when necessary.
11 - See Conrail Plan 73184-(), sheet 2, for Bill of Material

CONRAIL

73181-L

STANDARD

# 16'-6" STRAIGHT SPLIT SWITCH

## 27' SWITCH RAILS WITH FLOATING HEEL BLOCKS

## FOR NO. 10 WELDED TURNOUT

JANUARY 1978

R. H. Smith
Chief Engineer - Maintenance of Way

B. S. Gordon
Chief Engineering Officer