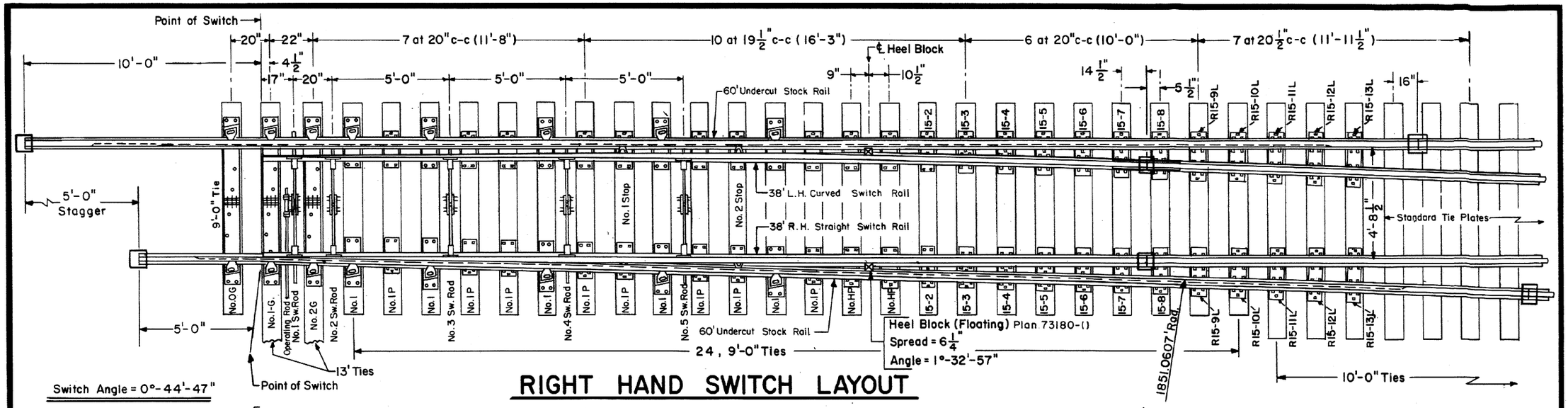
Revisions

B – May, 1980
C – Dec., 1981
D – Jun., 1983
E – Sept., 1985
F – Apr., 1986
G – June, 1991



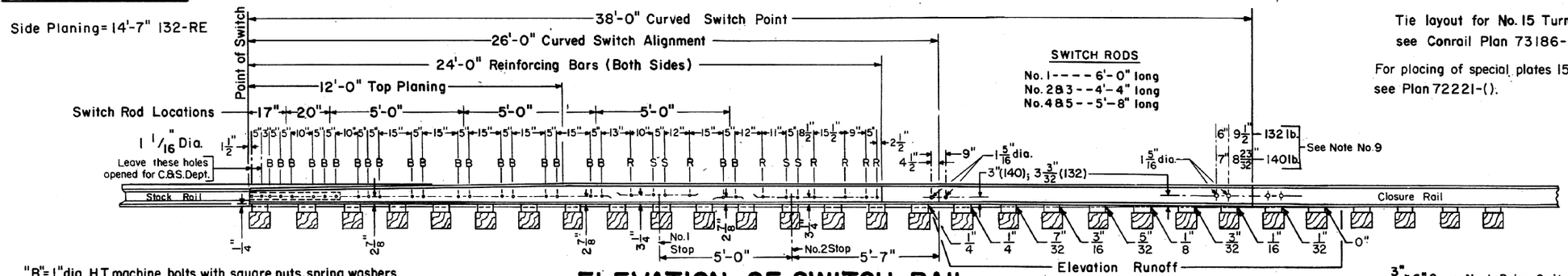
RIGHT HAND SWITCH LAYOUT

Switch Angle = 0°-44'-47"

Side Planing = 14'-7" 132-RE

Tie layout for No. 15 Turnout see Conrail Plan 73186-().

For placing of special plates 15-2 thru 15-13 see Plan 72221-().



SWITCH RODS

No. 1 - - - - 6'-0" long
No. 2 & 3 - - 4'-4" long
No. 4 & 5 - - 5'-8" long

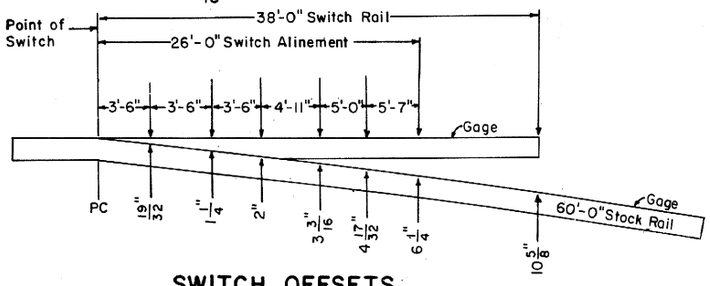
ELEVATION OF SWITCH RAIL

"B" = 1" dia. H.T. machine bolts with square nuts, spring washers and 1/4" cotter pins. Hex. nuts at rocker clips.

"R" = 3/4" dia. rivets.

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

3/4" x 6" Cone Neck Drive Spikes are for use in plates containing an Adjustable Brace.



SWITCH OFFSETS

NOTES

1 – This plan is for use with A.R.E.A. recommended standards for 132 R.E.
2 – Workmanship and materials shall be as per current A.R.E.A. Specifications.
3 – Gage Plate OG, 1-G and 2G are as shown on Conrail Plan 73522-().
4 – Switch Plates No. 1, HP, 1P are as shown on Conrail Plan 73522-().
5 – Turnout Plates No. 2 thru No. 13 are as shown on Conrail Plan 72221-().
6 – Stock Rails to be undercut as per Conrail Plan 73062-().
7 – Switch Rail to be undercut per A.R.E.A. Design 5100.
8 – All rails to be Fully Heat Treated.
9 – Vertical insulated switch rods and adjustable rocker clips as per Conrail Plan 73516-().
10 – All rails, including switch rails, to be drilled per Conrail Plan 71015-() for 132 R.E. rail, 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

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.

CONRAIL

73182-G

STANDARD

26' CURVED SPLIT SWITCH

38' SWITCH RAILS WITH FLOATING HEEL BLOCKS FOR NO. 15 WELDED TURNOUT – 132 R.E. RAIL

JANUARY, 1978

R. H. Smith
Chief Engineer – Maintenance of Way

Chief Engineering Officer