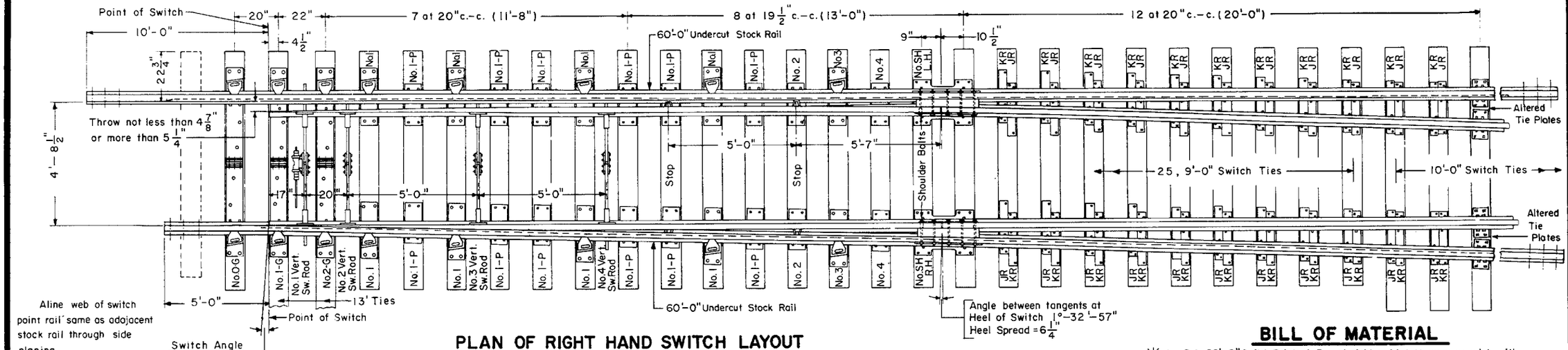
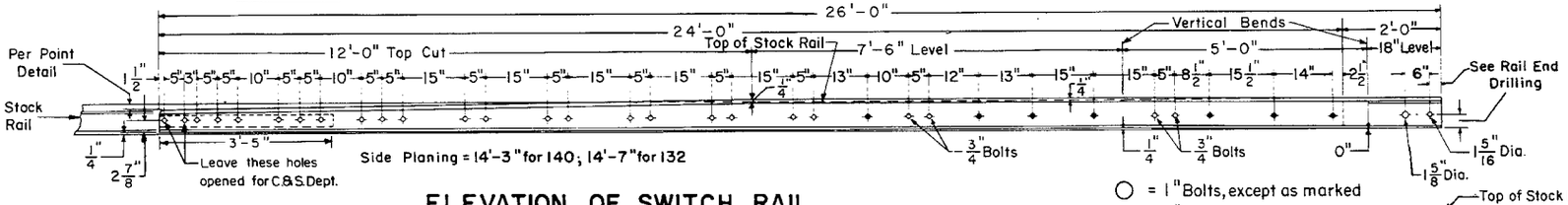
Revisions
B - Mar., 1979
C - Aug., 1979
D - May, 1980
E - Nov., 1983

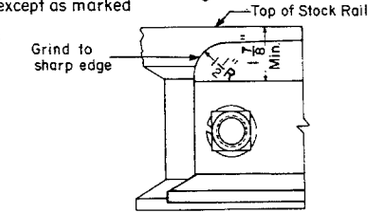


PLAN OF RIGHT HAND SWITCH LAYOUT

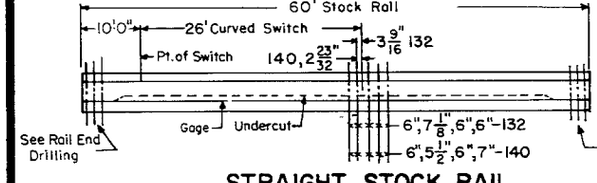


ELEVATION OF SWITCH RAIL

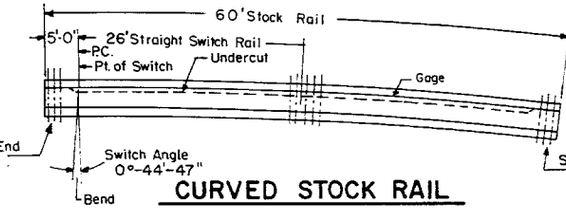
○ = 1" Bolts, except as marked
● = 3/4" Rivets



END OF SWITCH RAIL (SIDE VIEW)



STRAIGHT STOCK RAIL



CURVED STOCK RAIL

BILL OF MATERIAL

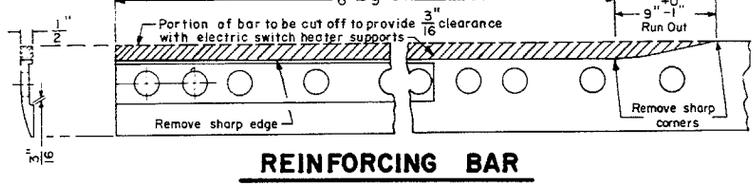
✳ 1 - Pair 26'-0" Switch Points, 1-R.H. straight and 1-L.H. curve, complete with reinforcing bars, clips and stops attached.
2 - 60'-0" Undercut Stock Rails. See C.R. Plan 73062-( ).
4 - Insulated Vertical Switch Rods, I with basket. See C.R. Plan 73516-( ).
2 - Heel Block Assemblies, complete. See C.R. Plan 73515-( ).
3 - Insulated Gage Plates, No. 0-G, No. 1-G and No. 2-G
8 - No. 1 Adjustable Brace Slide Plates
2 - No. 3 " " " "
12 - No. 1-P Shoulder Slide Plates
2 - No. 2 " " "
2 - No. 4 " " "
2 - No. SH Heel Plates, 1-R.H. and 1-L.H.
} See C.R. Plan 73517-( ).
16 - Adjustable Rail Braces, Type-A, complete See C.R. Plan 73515-( ).
4 - Switch Stops. See C.R. Plan 73515-( ).
8 - Adjustable Rocker Clips for Vertical Switch Rods. See C.R. Plan 73516-( ).
22 - "JR" Twin Tie Plate
22 - "KR" Twin Tie Plate
} See C.R. Plan 72202-( ).
4 - Altered Std. Tie Plates. Interfering corners cut off.

NOTES

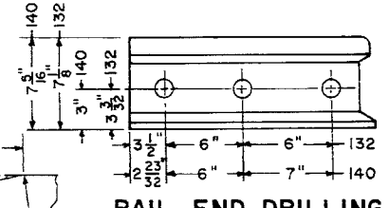
1 - This plan is for use with A.R.E.A. recommended standards for 132 or 140 R.E. rail.
2 - Stock rails and switch rails to be fully heat treated, all other rails end hardened.
3 - All bolts shall be dipped immediately before applying (so that all threads are thoroughly coated) in NO-OX-ID "GG" grease, mfr'd. by Dearborn Chemical Co.
✳ 4 - When ordering a Left Hand Switch, these items shall be opposite hand.

TURNOUT INFORMATION

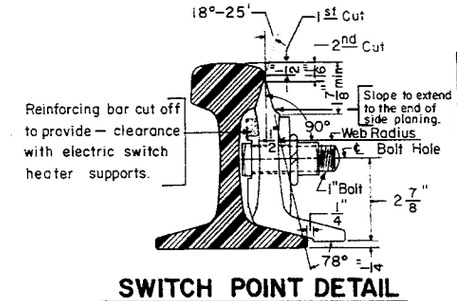
OFFSETS
C.R. Plan 73011-( )
TIE and RAIL LAYOUT
C.R. Plan 73194-( )



REINFORCING BAR



RAIL END DRILLING



SWITCH POINT DETAIL
(A.R.E.A. DESIGN 5100)

CONRAIL

73178-E

STANDARD

26'-0" CURVED SPLIT SWITCH FOR NO. 15 TURNOUT - UNDERCUT

132 R.E. or 140 R.E. RAIL

OCTOBER, 1976

R H Smith
Chief Engineer - Maintenance of Way

Gordon
Chief Engineering Officer