PERMANENT WAY

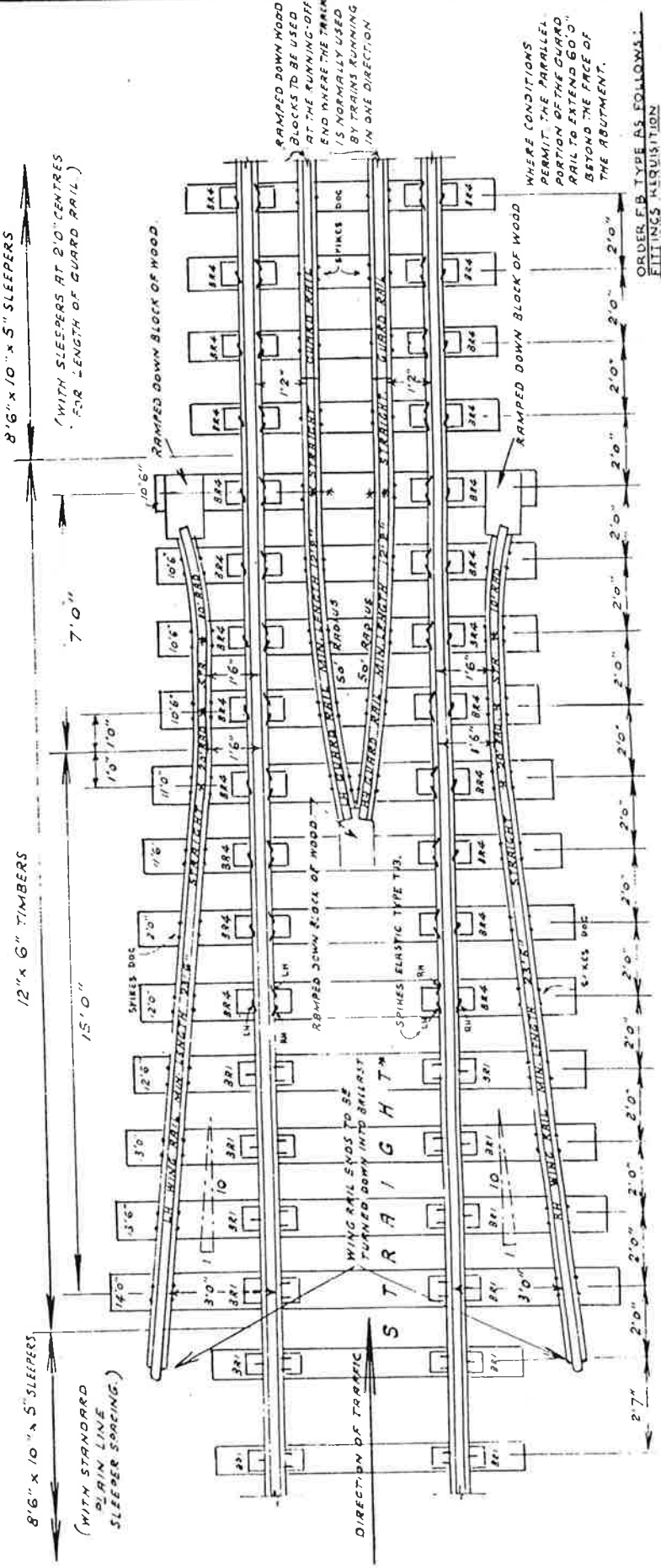
NOTES

INSIDE GUARD RAILS FOR BALLASTED VIADUCTS AND IMPORTANT BRIDGES WITH CROSS-SLEEPERED F.B.TRACK.

THESE NOTES ARE INTENDED FOR THE GUIDANCE AND ASSISTANCE OF STAFF ENGAGED UPON PERMANENT WAY WORK. THEY DO NOT IN ANY WAY MODIFY, SUPPLEMENT OR AMEND THE INSTRUCTIONS LAID DOWN IN E.D.I., STANDARD DRAWINGS CIRCULARS ETC., WHICH SHOULD BE REFERRED TO IN ALL CASES.

GENERAL ARRANGEMENT AT RUNNING-ON END.

(TO BE USED AT BOTH ENDS ON SINGLE-LINE VIADUCTS & BRIDGES)



ORDER F.B. TYPE AS FOLLOWS:
FITTINGS REQUISITION FOR VIADUCT GUARD TO DRG RE/PW/77A. NEW 109 FB SEC.
INSIDE GUARD RAILS { LH / RH
12'2" LONG. { LH / RH
WING RAILS 23'6" LONG { LH / RH
ACCESSORIES REQUISITION NEW 109 FB SECTION
RAILS, IN VARIOUS LENGTHS 1.14
SLEEPERS A+B FOR BR4 B'PL "
BASEPLATES BR4 "
FISHPLATES "
FISHBOLTS 5¾"x1" "
SPIKES, ELASTIC, T.13 { RH / LH
SPIKES, DOG, DRG. R.855

NOTES:
THE GUARD AND WING RAILS ARE TO BE MADE UP FROM F.B. 'SHORTS' AND TO BE FIXED DIRECTLY ON TO THE TIMBERS WITH DOG SPIKES OR SERV. BASEPLATE SCREWS; ALTERNATIVELY, USE B.H. SERV. RAILS KEYED (WOOD) IN M.I. CHAIRS WITH THE SAME ARRANGEMENT OF RAILS AND TIMBER SPACING. ANY SUITABLE FISHPLATES TO BE USED.

THE WING RAIL LENGTH OF 23'6" IS A MINIMUM AND MAY BE INCREASED WHERE SITE CONDITIONS PERMIT; BUT, THE SETTING-OUT DIMENSIONS FOR THE ANGLE OF DIVERGENCE OF 1 IN 10 MUST BE MAINTAINED.

* THE CURVATURE OF WING AND GUARD RAILS, AS ILLUSTRATED, APPLIES ONLY TO STRAIGHT TRACK; WHERE THE RUNNING LINE IS CURVED, THE WING AND GUARD RAILS MUST BE APPROPRIATELY CURVED TO EQUIVALENT RADII.

FLAT-BOTTOM TYPE WITH DOG SPIKES TO BE ADOPTED AS A GENERAL RULE. (C.C.S. CIRC. 11.251 11/1943) 21.9.32 W/9184(9)

ALL PROPOSALS OR EXISTING OR PROVISIONS OF NEW WING OR GUARDS TO BE REFERRED TO THE CHIEF CIVIL ENGINEER. CIRC. 8/375 R.855

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