

PERMANENT WAY NOTES

DIMENSIONS, FORMULAE ETC FOR CHECK LUMPS

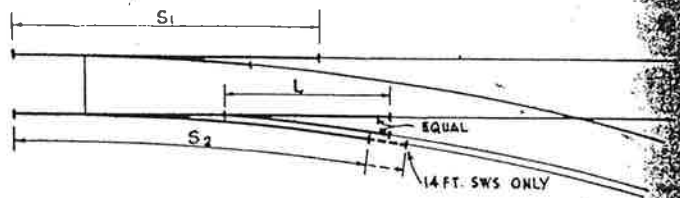
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THESE NOTES ARE INTENDED FOR THE GUIDANCE AND ASSISTANCE OF STAFF ENGAGED UPON PERMANENT WAY WORK. THEY DO NOT IN ANY WAY MODIFY, SUPPLEMENT OR AMEND THE INSTRUCTIONS LAID DOWN IN E.D.I., STANDARD DRAWINGS, CIRCULARS ETC., WHICH SHOULD BE REFERRED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

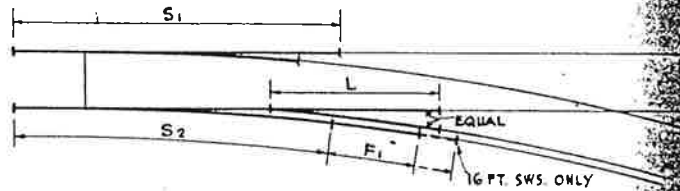
NOTES

- CHECK LUMPS CANNOT BE USED WITH FLEXIBLE SWITCHES.
- THE DIMENSIONS ON THIS SHEET DO NOT APPLY TO CHECK LUMPS IN COMPOUNDS.
- A SWITCH TONGUE 2 FT. SHORTER THAN STANDARD IS USED ON THE CHECK LUMP SIDE WITH A STANDARD TONGUE ON THE OPPOSITE SIDE.
- CROSSINGS FOR USE WITH 9 FT. SWITCHES WITH CHECK LUMPS IN STANDARD SINGLE CONNECTIONS ARE SUPPLIED WITH ONE WING RAIL LENGTHENED TO JOIN THE LUMP RAIL WITHOUT A CLOSURE.
- CHECK LUMPS ARE SUPPLIED COMPLETE WITH FILLING IN RAILS (AS SHOWN BY A THICK LINE ON DIAGRAMS), AND THE NECESSARY FISHPLATES AND FISHBOLTS TO JOIN TOGETHER THE SWITCH TONGUE, STOCK RAIL, LUMP RAIL AND FILLING IN RAILS. e.g. 20 FT. SWITCHES ARE SUPPLIED WITH 4 PRS. OF FISHPLATES, 2 PRS OF WHICH ARE GROOVED.

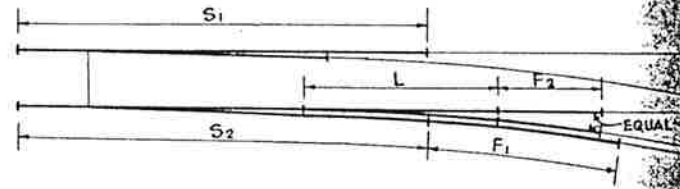
9 FT TO 15 FT SWITCHES



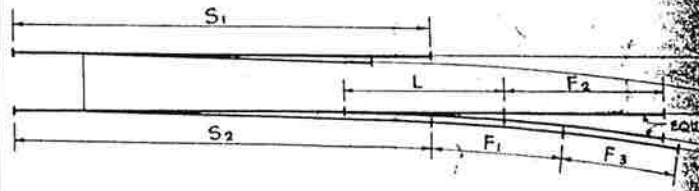
16 FT & 18 FT SWITCHES



20 FT SWITCHES



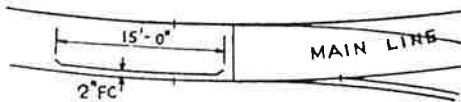
30 FT SWITCHES



DETAILS ON THIS SHEET APPLY ONLY TO CHECK LUMPS MADE SINCE JANUARY 1948

HIGH RAIL CHECKS

WHERE A CHECK LUMP IS USED IN A TURNOUT WITH ADVERSE CANT A 15 FT HIGH RAIL CHECK SHOULD BE ORDERED FOR USE IN FRONT OF THE SWITCHES. THIS IS SUPPLIED FROM SWINDON COMPLETE WITH 6 NO CC 2" CHAIRS.



FOR CHAIRING OF CHECK LUMPS SEE P.W. NOTES R 3793

TYPE OF SWITCH	STOCK RAILS		LUMP RAILS	FILLING IN RAILS		
	S ₁	S ₂	L	F ₁	F ₂	F ₃
9 FT	30'-0"	30'-0"	17'-10"	-	-	-
10	30'-0"	30'-0"	16'-10"	-	-	-
12	28'-6"	40'-0"	24'-10"	-	-	-
14	28'-6"	45'-0"	23'-6"	-	-	-
15	29'-9"	45'-0"	26'-10"	-	-	-
16	30'-0"	30'-0"	28'-11"	22'-6"	-	-
18	32'-4"	32'-4"	32'-4"	21'-2"	-	-
20	34'-4"	34'-4"	19'-1 1/2"	30'-0"	17'-10 1/2"	-
30	44'-4"	44'-4"	29'-9"	30'-0"	29'-9"	22'-3"

METHOD OF INCREASING FLANGEWAY CLEARANCE FOR WIDENED GAUGE.

