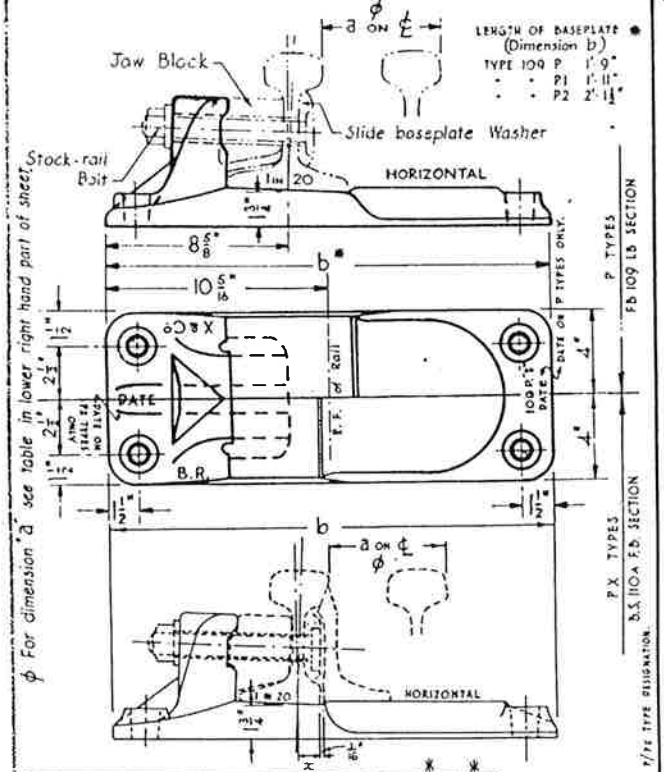
PERMANENT WAY

NOTES

F.B. 109 LB. & B.S. 110A F.B.

SWITCHES - DETAILS OF SLIDE BASEPLATES & BLOCKS

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.



φ For dimension 'a' see table in lower right hand part of sheet.

LENGTH OF BASEPLATE * (Dimension b)

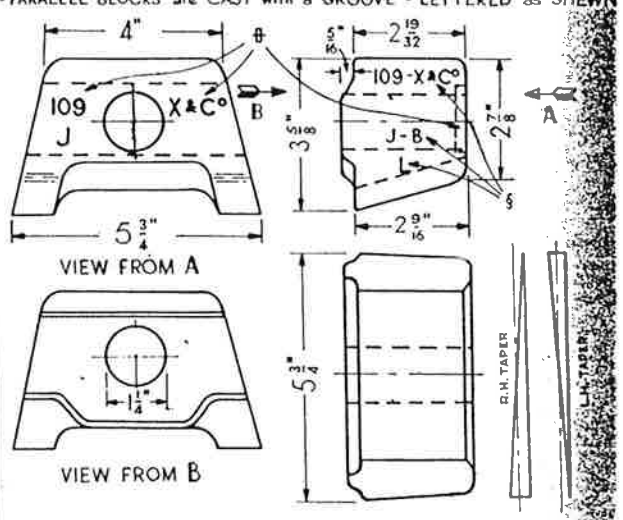
TYPE 109	
P	1'-9"
P1	1'-11"
P2	2'-1½"

DESIGNATION OF BASEPLATE	PX0	PX1	PX2	PX3	PX4	PX5	PX6	PIX5	PIX6
x	1 1/16"	1 3/16"	1 5/16"	1 7/16"	2 1/16"	2 3/16"	2 5/16"	2 3/16"	2 5/16"
b	1'-9"	1'-9"	1'-9"	1'-9"	1'-9"	1'-9"	1'-9"	1'-11"	1'-11"

* FOR USE IN SWITCH DIAMOND CROSSINGS 1 IN 10 TO 1 IN 21

* OR OTHER TYPE DESIGNATION.

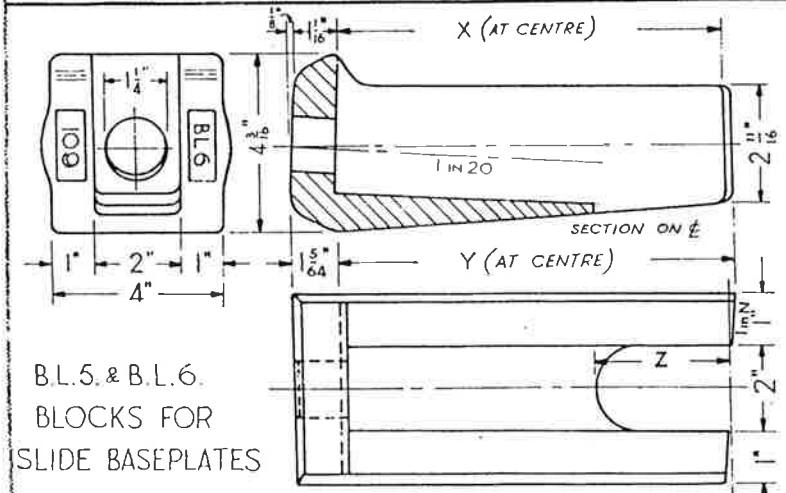
φ PARALLEL BLOCKS are CAST with a GROOVE - LETTERED as SHEWN



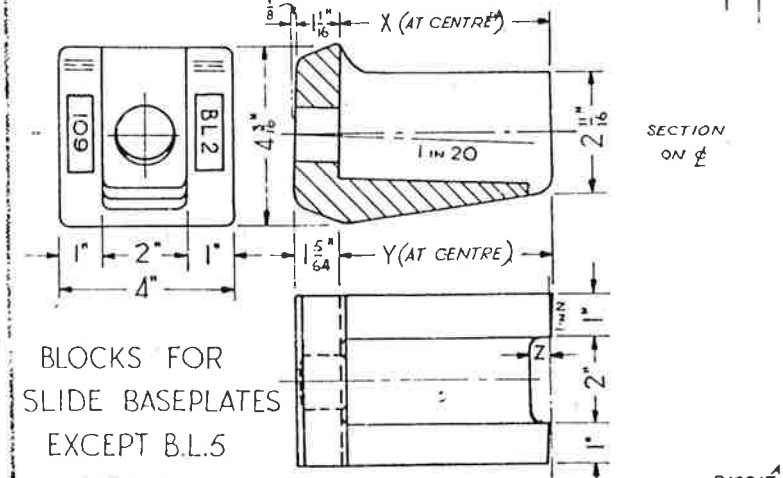
§ TAPERED BLOCKS (AT SWITCH TOE ONLY) WITH LETTERING AT END OF BLOCK NEAREST SWITCH TOE, AS DETAILED BELOW:-

BLOCK MARKING	TAPER
109 J-B. L (OR R.)	1 in 32 LH (OR RH)
109 J-C/D. L (OR R)	1 in 44 LH (OR RH)
109 J-E/F. L (OR R)	1 in 70 LH (OR RH)
109 JS L (OR R)	1 in 96 LH (OR RH)

JAW BLOCKS FOR SLIDE BASEPLATES



B.L.5. & B.L.6. BLOCKS FOR SLIDE BASEPLATES



BLOCKS FOR SLIDE BASEPLATES EXCEPT B.L.5 & B.L.6.

SW'S	BLOCK MARKING		a"	X"	Y"	Z"	1 in N
B	109 BL (or R)	1	3 13/16	2 9/64	2 7/32	1/2	28
		2	4 15/16	3 17/64	3 11/32	1/2	25
		3	6 3/16	4 33/64	4 19/32	1/2	23
		4	7 9/16	5 57/64	5 31/32	1/2	21
		5	9 1/16	7 25/64	7 5/32	3/4	19
		6	10 21/32	8 63/64	9 1/16	3/4	18
C	109 CL (or R)	1	3 13/16	2 9/64	2 7/32	1/2	36
		2	4 23/32	3 3/64	3 1/8	1/2	33
		3	5 11/16	4 1/64	4 3/32	1/2	30
		4	6 23/32	5 3/64	5 1/8	1/2	28
		5	7 27/32	6 11/64	6 1/4	1	26
D	109 DL (or R)	1	3 1/8	1 29/64	1 17/32	1/2	46
		2	3 13/16	2 9/64	2 7/32	1/2	42
		3	4 17/32	2 55/64	2 15/16	1/2	39
		4	5 11/32	3 43/64	3 3/4	1/2	37
		5	6 3/16	4 33/64	4 19/32	1/2	34
E	109 EL (or R)	1	3 7/32	1 35/64	1 5/8	1/2	57
		2	3 23/32	2 3/64	2 1/8	1/2	55
		3	4 9/32	2 39/64	2 11/16	1/2	53
		4	4 23/32	3 11/64	3 1/4	1/2	50
		5	5 7/16	3 49/64	3 27/32	1/2	46
F	109 FL (or R)	1	2 15/16	1 51/64	1 11/32	1/2	83
		2	3 11/32	1 43/64	1 3/4	1/2	77
		3	3 3/4	2 5/64	2 5/32	1/2	71
		4	4 3/16	2 33/64	2 19/32	1/2	65
		5	4 5/8	2 61/64	3 1/32	1/2	60
		6	5 3/32	3 27/64	3 1/2	1/2	63

(FOR "a" DIMENSION SEE TOP L.H. OF SHEET)

R.8017 A (RE/PW/17.A)