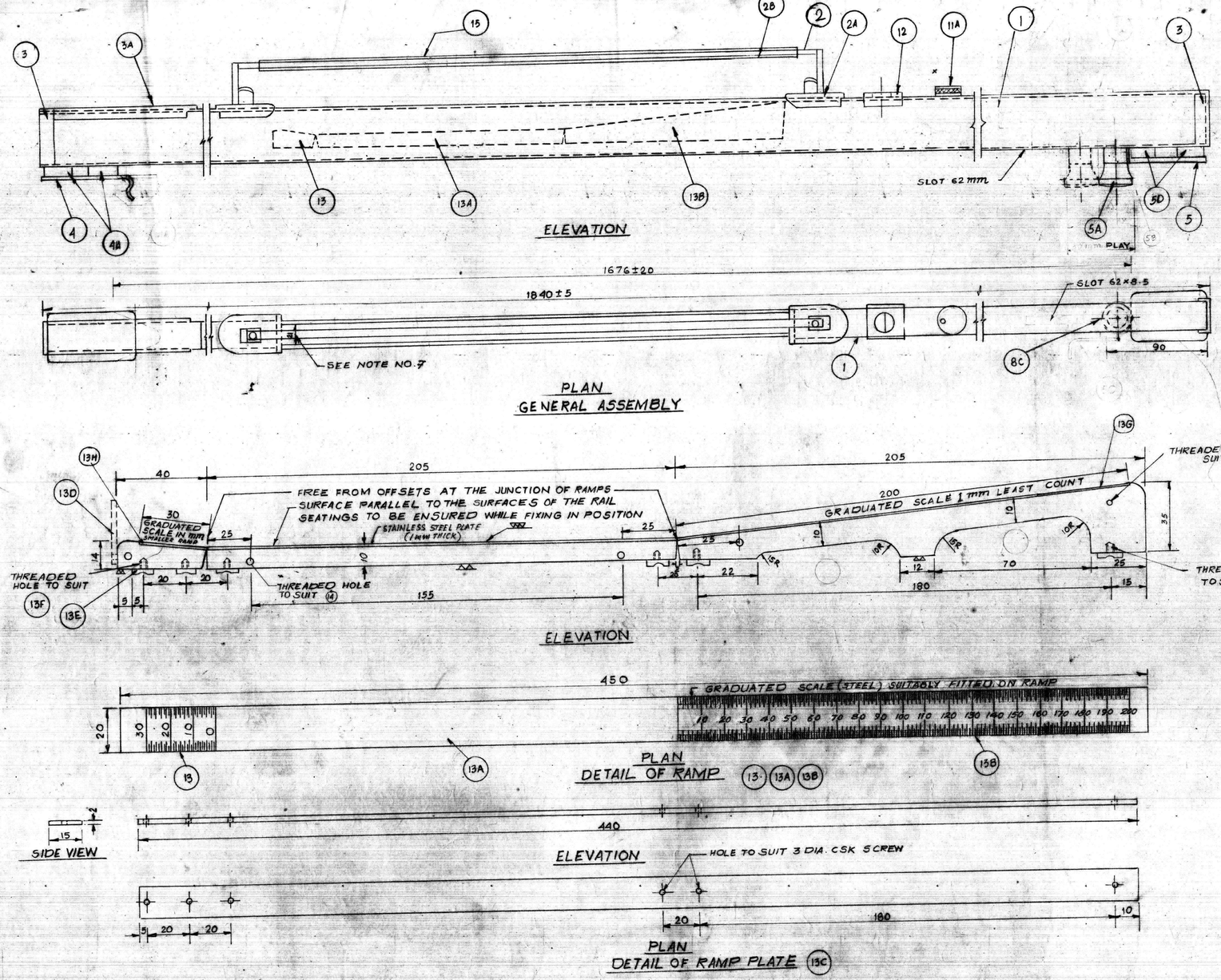

PART NO	DESCRIPTION	MATERIAL	SPECIFICATION	NO OFF
15	PLASTIC TUBE 8.5 DIA	PLASTIC	IS: 3076-85	1
14B	SPRING WASHER	SPRING STEEL	IS: 3063-94	1
14A	PLAIN WASHER	M.S.	IS: 2016-67	2
14	CSK SCREW (SIDE OF RAMP) M 3X8	STEEL	IS: 1366-82	10
13H	GRADUATED SCALE (SMALLER RAMP)	STAINLESS STEEL	IS: 6603-72	1
13G	GRADUATED SCALE (LONGER RAMP)	STAINLESS STEEL	IS: 6603-72	1
13F	CSK SCREW (BOTTOM OF RAMP) M3X10	STEEL	— DO —	6
13E	GROOVED RUBBER PAD	RUBBER	GRADE II TYPE B IS:5192-75	6
13D	SIDE VERTICAL RAMP PLATE	M.S.	IS: 2062-92	1
13C	BASE RAMP PLATE	ALUMINIUM ALLOY	IS: 617-94	1
13B	RAMP (LONGER	— DO —	IS: 617-94	1
13A	RAMP (HORIZONTAL)	— DO —	— DO —	1
13	RAMP (SMALLER)	— DO —	— DO —	1
12C	NUT FOR COMPRESSING SPRING 6 DIA	STEEL	IS: 1364-92	1
12B	EYE PIECE BRACKET	BLACK NYLON	IS: 5210-95 OR BLACK NYLON	1
12A	PROJECTING GEASS COVER	GLASS	IS — DO —	1
12	EYE PIECE	BLACK NYLON	IS: 5210-95 OR BLACK NYLON	1
11C	SET SCREW AM 2x5	STEEL	IS: 1366-82	1
11B	STOPPER SCREW AM 2X6	BRASS	IS: 1366-82	1
11A	CLAMPING (KNOB)	ALUMINIUM ALLOY	IS 733-1983	1
11	CLAMPING STUD	BRASS	IS 3488-80 OR IS: 4170-67	1
10A	SCREW AM 2X4	BRASS	IS 1366-82	1
10	GRADUATED SCALE (ANODIZED)	ALUMINIUM	IS: 733-1983	1
9A	LOCK NUT (SCALE BLOCK) FOR 6 DIA	STEEL	IS: 1364-92	2
9	MOVEABLE GAUGE SCALE BLOCK	ALUMINUM	IS: 733-1983	1
8C	CSK SCREW M3X8	STEEL	IS: 1366-82	2
8B	CSK SCREW M3X6	STEEL	IS: 1366-82	4
8A	FIXED BLOCK B	ALUMINIUM	IS: 733-1983	1
8	FIXED BLOCK A	MILD STEEL	— DO —	1
7C	NUT HEXAGONAL HEADED (LOCK)	STEEL	IS 2588-67	2
7B	PLAIN WASHER	MILD STEEL	IS: 2016-67	2
7A	COMPRESSION SPRING	SPRING STEEL	IS: 727-1984	1
7	CONNECTING ROD	MILD STEEL	IS: 2062-1925	1
6A	SPL GRUB SCREW M8X25	STEEL	IS: 2388-1971	1
6	SLIDING GUIDE BRACKET	ALUMINIUM	IS: 733-1983	1
5D 5E	DISTANCE BLOCK B (INSULATING) SLIDING END	NYLON-6	IS: 5210-1995 OR NYLON-6	2
5C	CSK SCREW M 6.25X25	STEEL	IS: 1366-82	2
5B	SLIDING END KEY PLATE END)	ALUMINIUM	IS 733-1983	1
5A	SLIDING GAUGE TIP B	STEEL	IRS M-10	1
5	RAIL SEATING (SLIDING END)	MILD STEEL	— DO —	1
4D	CSK SCREW M 3X5	STEEL	IS: 1366-82	2
4C	CSK SCREW AM 6X25 X 32	STEEL	IS: 1366-82	2
4B	INSULATING DISTANCE PLATE	NYLON-6	IS: 5210-95 OR NYLON-6	1
4A	INSULATING DISTANC BLOCK (FIXED END)	DO	— DO —	2
4	RAIL SEATING WITH GAUGE TIP (FIXED END)	STEEL	IS 5517-69	1
3C	NUT HEX HEADED 6.25 DIA	STEEL	IS: 1364-92	2
3B	SCREW FIXING M3X6	STEEL	IS 1366-82	6
3A	INSULATING STRIP	— DO —	— DO —	1
3	END CAPS	— DO —	— DO —	2
2D	CSK SCREW (HINGE SPL) M 8X12	ALUMINIUM	IS: 1366-82	2
2C	SCREW (FIXING) M 3X4	STEEL	IS: 1366-82	10
2B	HANDLE ROD	ALUMINIUM	IS: 733-1983	1
2A	HANDLE FIXTURE	— DO —	— DO —	2
2	HANDLE	ALUMINIUM ALLOY	— DO —	1
1	MAIN HOUSING (RECTANGULAR TUBING)	— DO —	IS: 733-1983 OF SIGN HEIGHT 22 mm	1

1. THIS DRAWING SUPERSEDES PREVIOUS DRG NO TM/2003
8. THE GAUGE TIPS SHALL BE SUITABLY HARDENED AND TEMPERED OBTAINING HARDNESS IN THE RANGE OF 380-420 BHN AND SHALL NOT BE PAINTED BUT TREATED FOR ANTI CORROSION.
7. INNER WIDTH OF THE BOX (i.e. MAIN HOUSING) AT ITS CENTRAL PORTION (HOUSING OF RAMP) SHOULD BE FILED FREELY OVER THE RAMP PORTION. TO GET 21 mm MINIMUM SO AS TO USE THE SPIRIT LEVEL TO DRG NO: TM-
6. PARALLELISM OF PLANES OF RAIL SHOULD BE PERFECTLY CHECKED WITH LINE JOINING THE HORIZONTAL (13A).
5. THE RAMP PLATE (13C) MAY BE PLACED IN BETWEEN GROOVED RUBBER PADS (13E) AND BASE OF RAMPS IN MAIN HOUSING (1).
4. FOR THE SAKE OF INTERCHANGEABILITY THE COMPONENTS AND ITS THREADED SCREW HOLES SHOULD BE MADE TO SUIT PRECISION MACHINE SCREWS.
3. TIGHT GAUGE SHOWING MINUS ZONE TO BE PAINTED RED AND SLACK GAUGE PORTION ANODIZED IN GRADUATED SCALE (10) IN TM/0108/2
2. THE INSTRUMENT i.e. GAUGE-CUM-LEVEL IS TO BE SUPPLIED ALONG WITH A SPIRIT LEVEL SIMILAR TO DRG NO TM/2004 AND WOODEN BOX TO DRG NO RDSO/T-256 FOR PROTECTION OF RAILS.
1. ALL DIMENSIONS ARE IN MILLIMETRES.

NOTES

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R. D. S. O

BOX TYPE GAUGE CUM LEVEL (B.G) ASSEMBLY

(DETAILS OF RAMP & RAMP BASE PLATE)

CANC LD / SUP ED
SUP ED

DRG NO. TM/0108

SPECIFICATION	SCALE	ALT	DESCRIPTION	DATE

DRAWN BY: | TRACED BY | APPROVED BY:
CH. BY: | COM. BY | KSC Lal