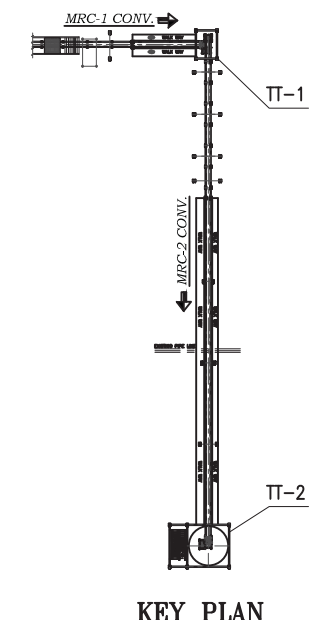
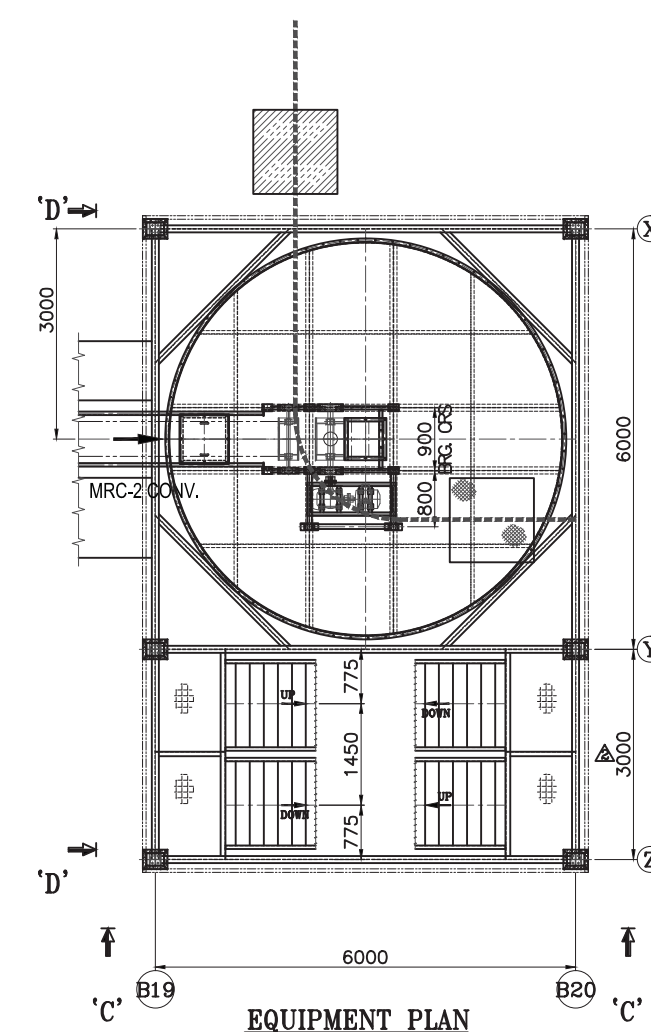
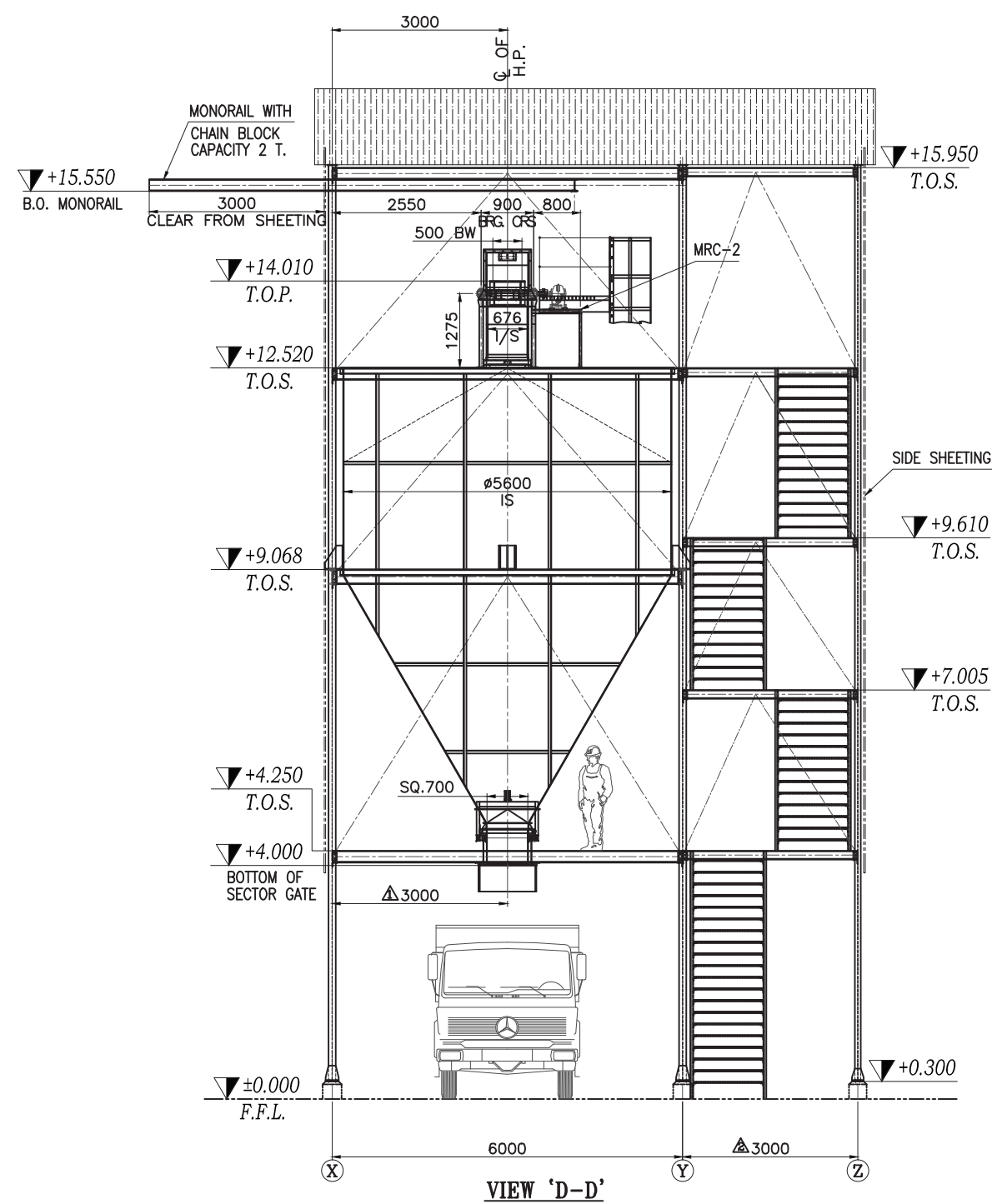
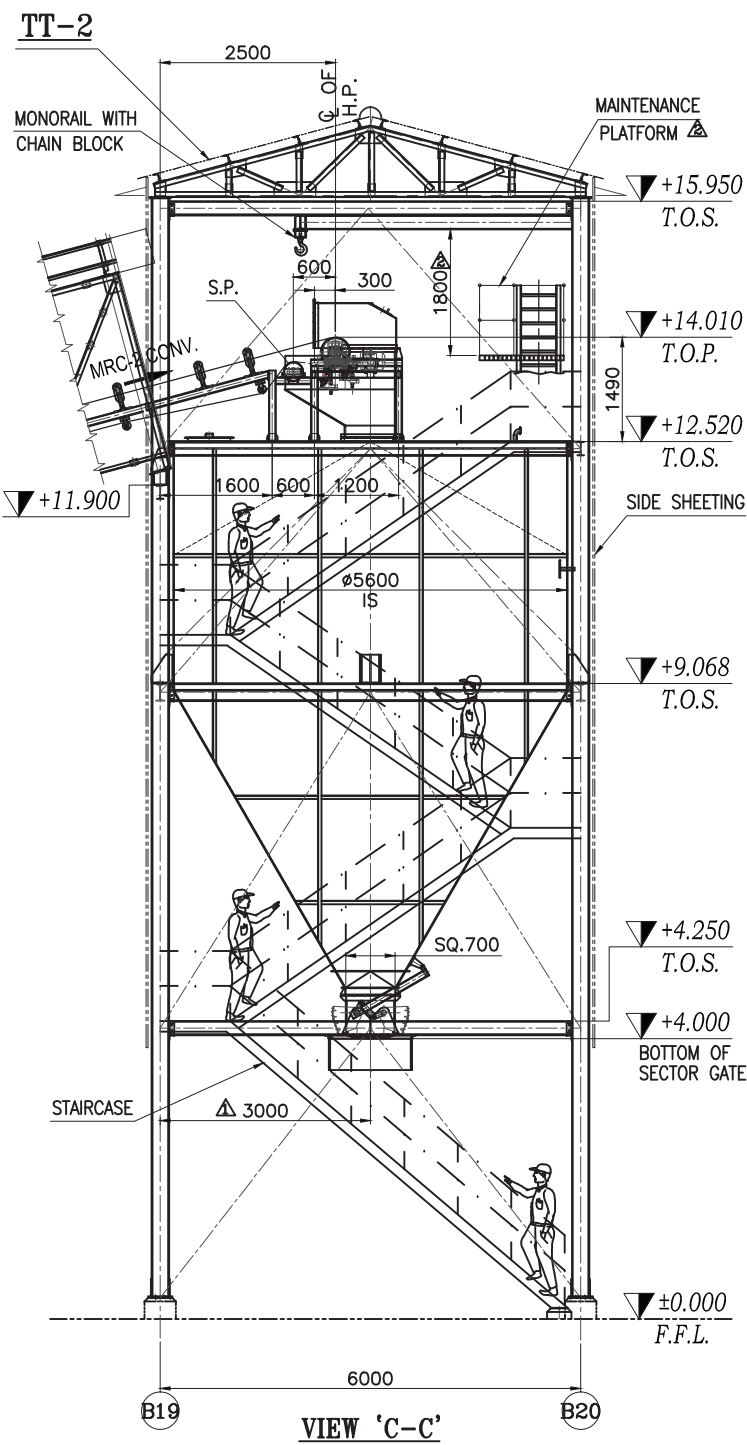


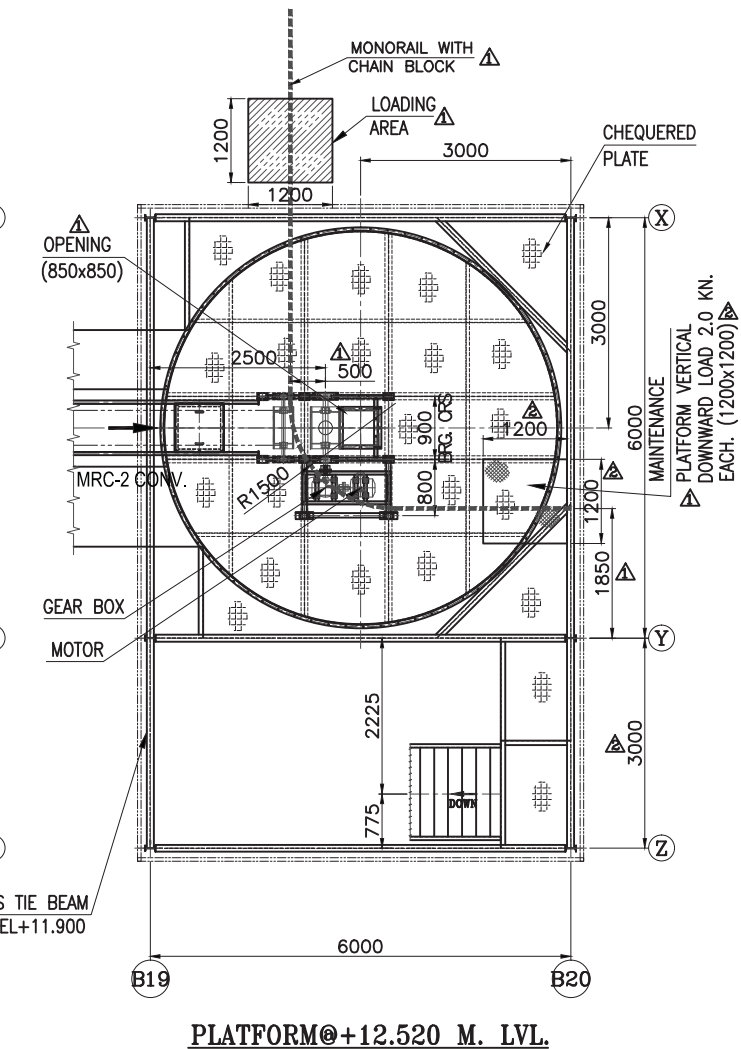
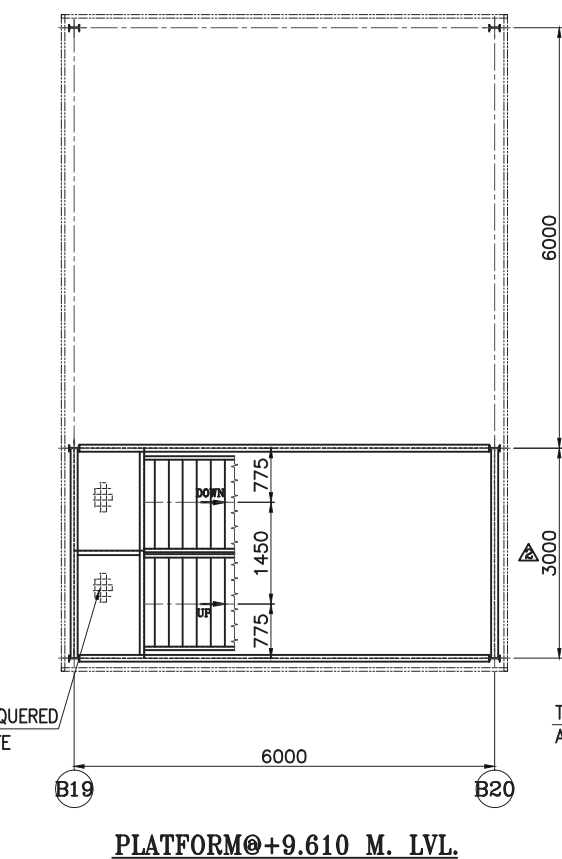
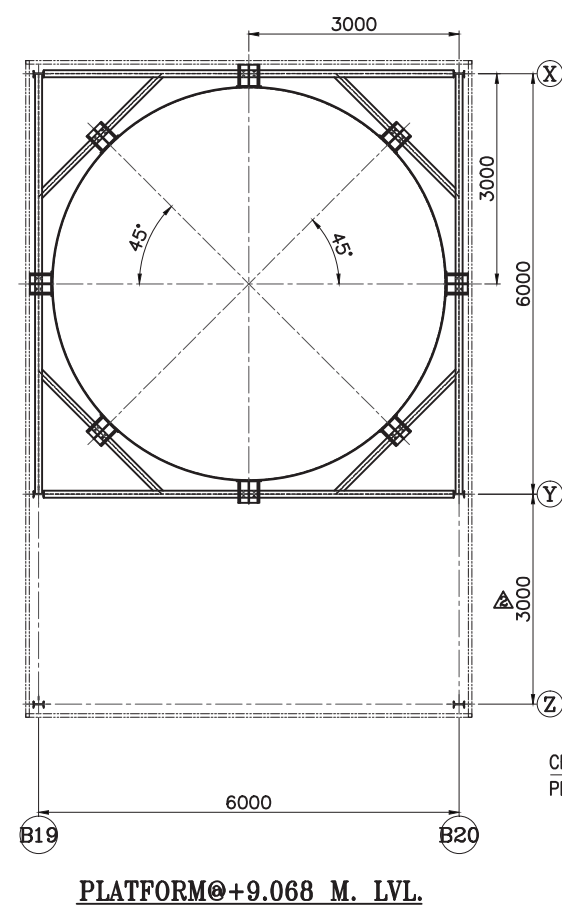
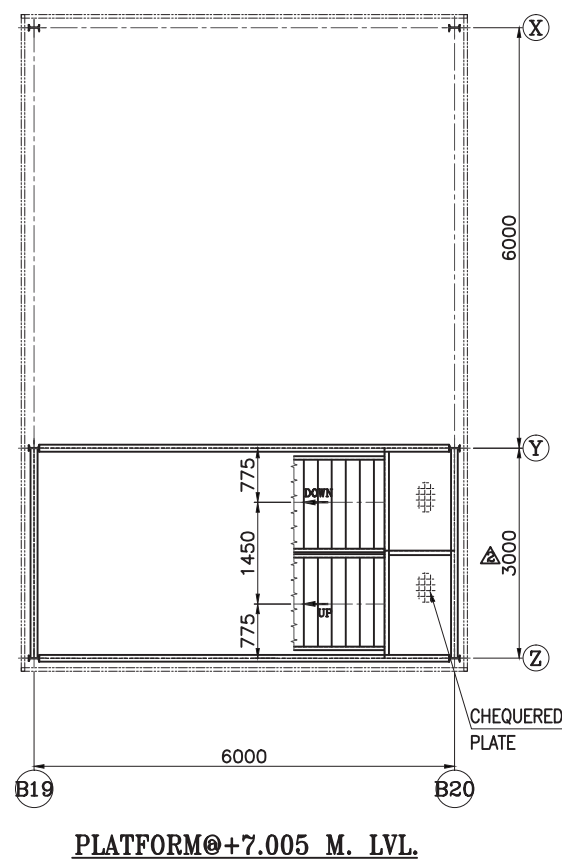
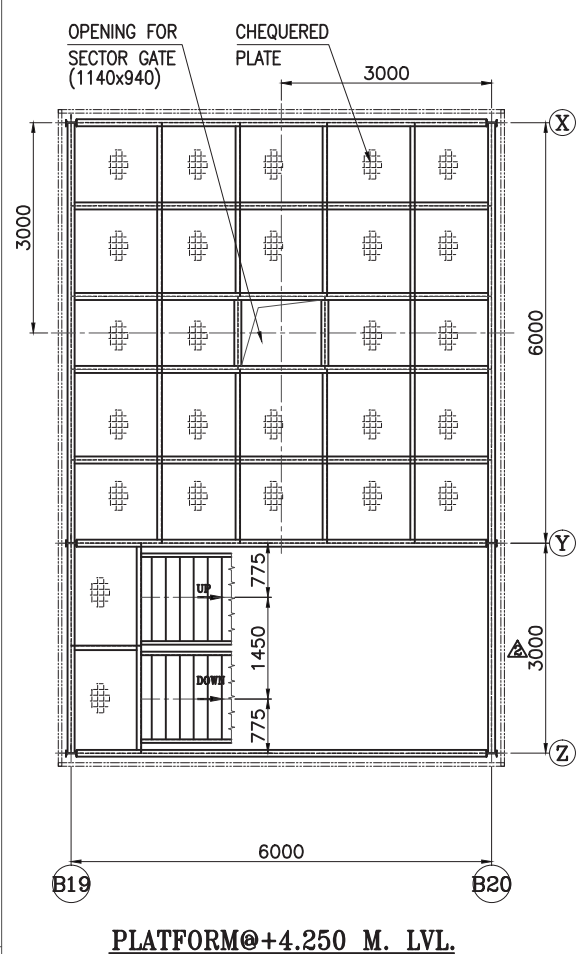


LEGEND	
MRC	MILL REJECT BELT CONVEYOR
FFL	FINISH FLOOR LEVEL
HP	HEAD PULLEY
SP	SNUB PULLEY
TOS	TOP OF STEEL
TOP	TOP OF PULLEY

- NOTES:-**
- 1) ALL DIMENSIONS ARE IN mm.
 - 2) THIS IS A G.A. DRAWING & MINOR CHANGES IN DESIGN AND DIMENSIONS MAY OCCUR WHILE DETAILING.
 - 3) EL (±) 0.000M CORRESPONDS TO THE GROUND FLOOR LEVEL OF THE POWER HOUSE BUILDING WHICH IS RL292.760M ABOVE MSL.
 - 4) PAINTING AS PER NTPC APPROVED PAINTING SHUDULED.

REF. DRG NO.:-

- 1) GA OF MRC-1 AND MRC-2 FOR MRS - 4210-104-PVM-B-068



**NTPC KAHALGAON STAGE-I
4X210MW**

TITLE G.A. OF TT-1 AND TT-2 (SILO) FOR MRS

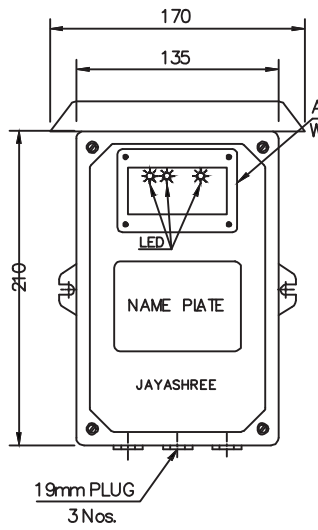
DO NOT SCALE
IF IN DOUBT PLEASE ASK

10 9 8 7 6 5 4 3 2 1

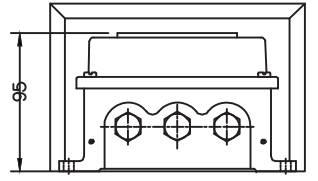
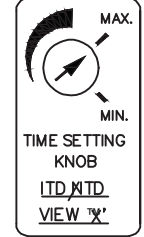
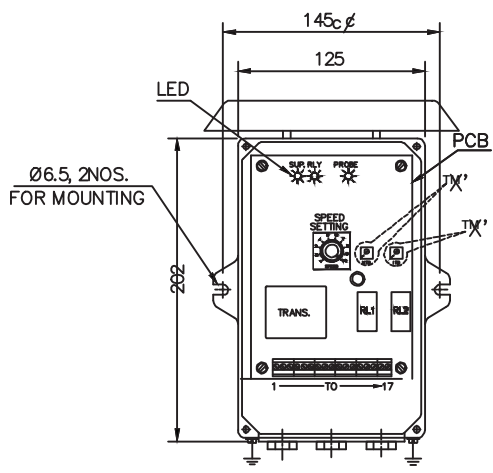
MONITORING UNIT

SENSOR PROBE

FRONT VIEW WITH COVER



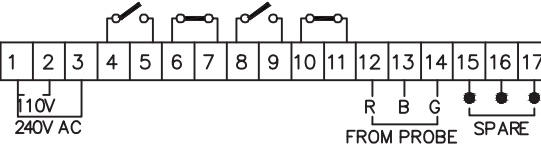
FRONT VIEW WITHOUT COVER



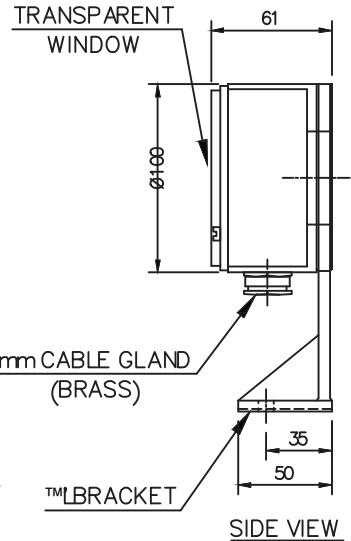
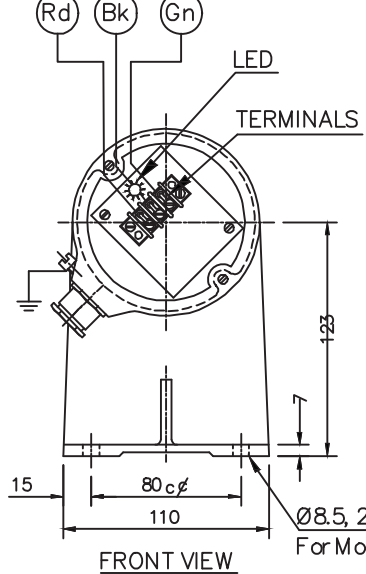
BOTTOM VIEW WITH COVER

- NOTES:
- ENCLOSURE : CAST ALUMINIUM
 - PROTECTION GRADE : IP 65
 - SURFACE FINISH : LIGHT BLUE (RAL 5012) EPOXY POWDER COATED
 - GASKET : NITRILE RUBBER
 - SUPPLY : 110V OR 240V AC $\pm 10\%$, 50Hz $\pm 5\%$
 - OUTPUT CONTACTS : 2NO + 2NC
 - CONTACT RATING : 10A RES. @ 240V AC AT 0.3pF LAGGING
 - OVER ALL DIMS. SUBJECT TO GENERAL TOLERANCE OF $\pm 4\%$

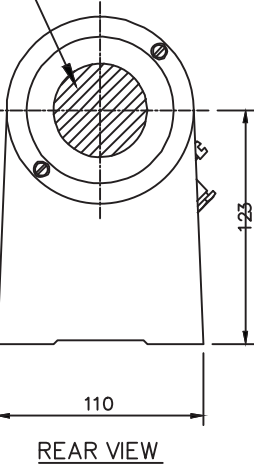
TERMINAL DIAGRAM



TO Monitoring Unit



SENSING FACE



- NOTES:-
- SUPPLY VOLTAGE : 12V DC (From Monitoring Unit)
 - SENSING DISTANCE : 16mm $\pm 10\%$ (NOMINAL)
 - LOAD CURRENT : 10 mA. MAX.
 - OPERATING FREQUENCY : 200 Hz. MAX.
 - ENCLOSURE : CAST ALUMINIUM (PE50)
 - TM BRACKET : CAST ALUMINIUM
 - SURFACE FINISH : LIGHT BLUE (RAL 5012) EPOXY POWDER COATED
 - PROTECTION GRADE : IP 67 FOR PROBE IP 65 FOR TERMINALS

NTPC KAHALGAON STAGE-I
4X210MW

REV.	NATURE	DATE	DRN		APPD.			
	TITLE : G. A. DRG. FOR ELECTRONIC SPEED SWITCH	TOLERANCE TABLE						
		FROM UP TO AND INCLUDING	6 TO 30	30 TO 120	120 TO 315	315 TO 1000	1000 TO 2000	2000 TO 4000
		PERMISSIBLE DEVIATION	±0.5	±0.8	±1.2	±2	±3	±4

TITLE G.A. OF ZERO SPEED SWITCH FOR MRS

DATA SHEET

DATA SHEET		ELECTRONIC SPEED SWITCH
Sr. No.	Specification	Particulars
MONITORING UNIT		
1	Model No.	
1.1	Supply Voltage	110 OR 240 VAC
1.2	Output Contacts	2 NO +2 NC
1.3	Contact Rating	10 A Res.@ 240 V AC,50 Hz
1.4	Speed Range & Flags	5-50 RPM & 4 FLAG
1.5	Speed Setting	Calibrated linear potentiometer
1.6	Speed Setting Accuracy	+ / - 5 %
1.7	Switching Hysteresis	+ / - 5 %
1.8	Enclosure	Cast Aluminum
1.9	Protection Grade	IP-65
2	Dimensions	210 * 135 * 95(Approximately)
2.1	Paint Shade	Light Blue RAL 5012
2.2	Mounting	145 mm c/c 6.5 mm holes. To be mounted using M 6.5 bolt .
2.3	SPEED ACTUATION ON MAX. SPEED	Relay ON @ 54 RPM
2.4	SPEED ACTUATION ON MIN. SPEED	Relay ON @ 7 RPM
3	SENSOR PROBE	
3.1	Model No.	SP 12 PE50 (Non Contact Type)
3.2	Supply Voltage	12 V DC from controller
3.3	Enclosure	Cast Aluminum
3.4	Protection Grade	IP 67 For Probe, IP 65 for Terminals
3.5	Paint Shade	Light Blue RAL 5012
3.6	Effective Sensing Distance	16 mm + / - 10 % (Nominal)
3.7	L Bracket	Cast Aluminum
SCOPE OF SUPPLY		
4.1	Monitoring Unit	Yes
4.2	Sensor Probe	Yes