# Electrical Drawings

Name of Work: Construction of Changing Room

Name of College: Gedu College of Business Studies, Gedu

Location: Gedu, Chukha

1	ISSUED FOR: APPROVAL							PROJECT: RGoB FUNDED PROJECT	DATE: January 2019	DRAWING NO.: 00	RIV 6
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_	INFORMATION			Engineer, RUB				DRAWING TITLE.:			
4	FOR CONSTRUCTION			Engineer, Rob						SCALE: NTS	
5	REVISION	DATE	MODIFICATION	DESIGNED/DRAWN	CHECKED	APPROVED		As stated			

### **LEGEND**

- 1) All the light points to be wired with 2.5sqmm( $\frac{3}{20}$ ), PVC insulated copper conductor cable, 1.1KVG in surface/pvc cassing capping Pipe 25mm-38mm.
- 2) All the wiring of power points to be wired with  $4\text{sqmm}(\frac{7}{22})$  for 16A socket outlet, PVC insulated copper conductor cable, 1.1KVG in surface
- 3) All power points is to be fixed at 0.3mtr. above finish floor level except in bathroom 1.5mtr. and 6A with control switch board.
- 4) All lighting switch boards should be fixed at 1.6mtr. above the finished floor level.
- 5) Minimum size of PVC cassing capping pipe 25mm-38mm.

# NOTE:

- 1) For Earthing refer standard drawing attached.
- 2) No. 14SWG PVC wire is used for earth continuty.
- 3) Gl strip 25mmX4mm

## TEST RESULT:

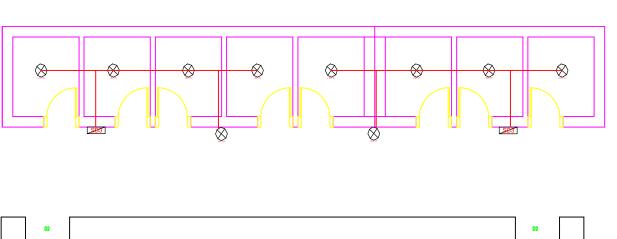
- 1) Polarity test:—All the live conductors must be connected through switch only.
- 2) Insulation test:—Minimum test result should not be less than 1Mega—Ohms.
- 3) Earth continuty test:—Low voltage lamp should satisfy the whole insulation.
- 4) Earth test:—Test result should within 8 Ohms.

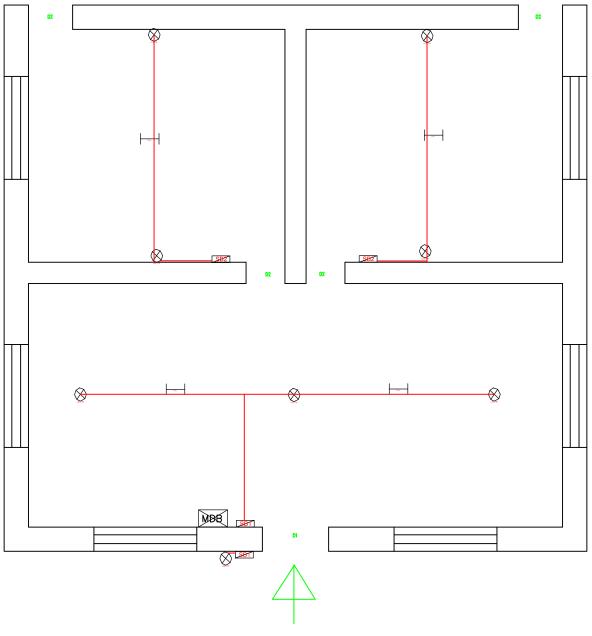
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4 FOR CONSTRUCTION			Engineer, RUB						SCALE: NT	TS
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# MAKE SURE THAT:

- 1) Maximum of two power points are connected to one 16 Amps MCB.
- 2) All light circuit are connected from 6 Amps MCB.
- 3) All sub mains are wired of 16sqmm. cable.
- 4) All light sub circuits are wired of 2.5sqmm. cable.
- 5) All power sub circuit are wired of 4sqmm. cable..
- 6) All earth wires from DB to power point are of 1.5sqmm, single strand, copper wire (green).
- 8) All sub main earthing to be looped with 4sqmm, copper cable, single strand (green).

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### MAIN ENTRANCE

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4 FOR CONSTRUCTION

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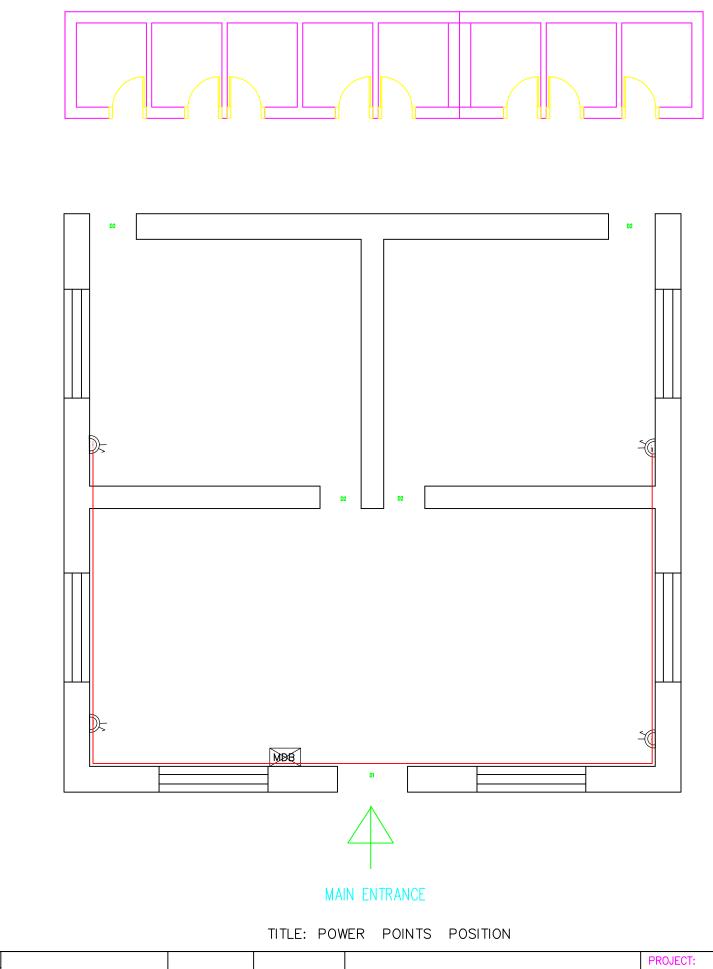
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TITLE: LIGHTING POINTS POSITION

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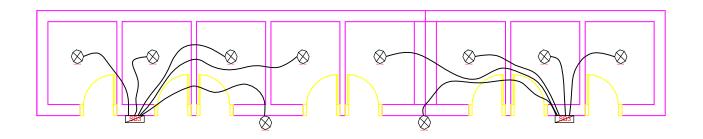
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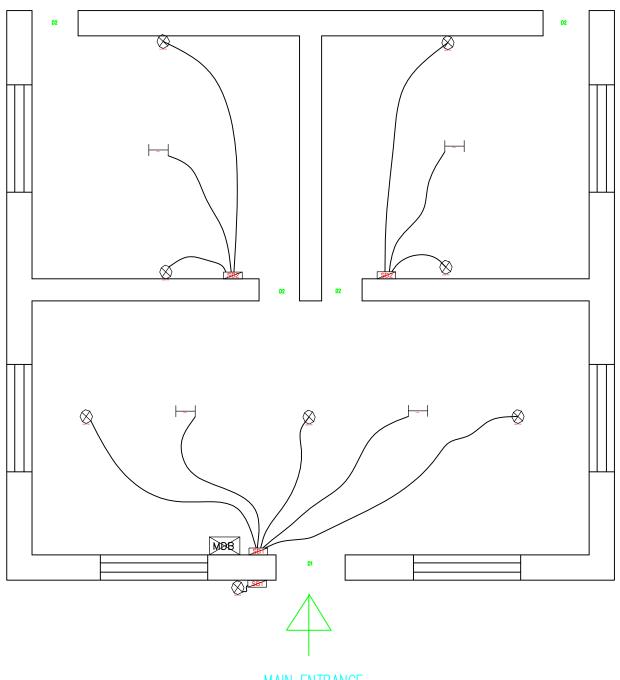
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DATE

MODIFICATION

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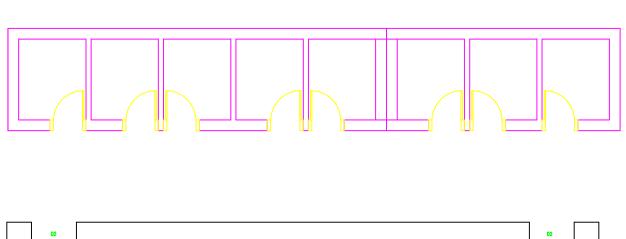


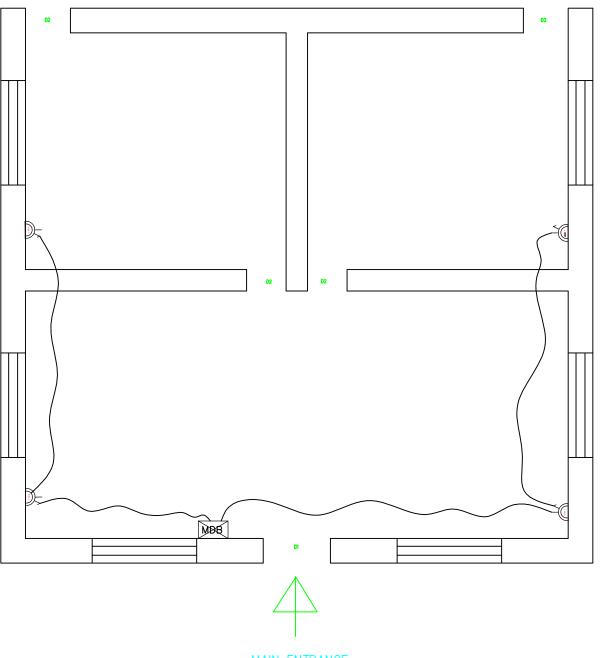


MAIN ENTRANCE

TITLE: LIGHT CIRCUIT

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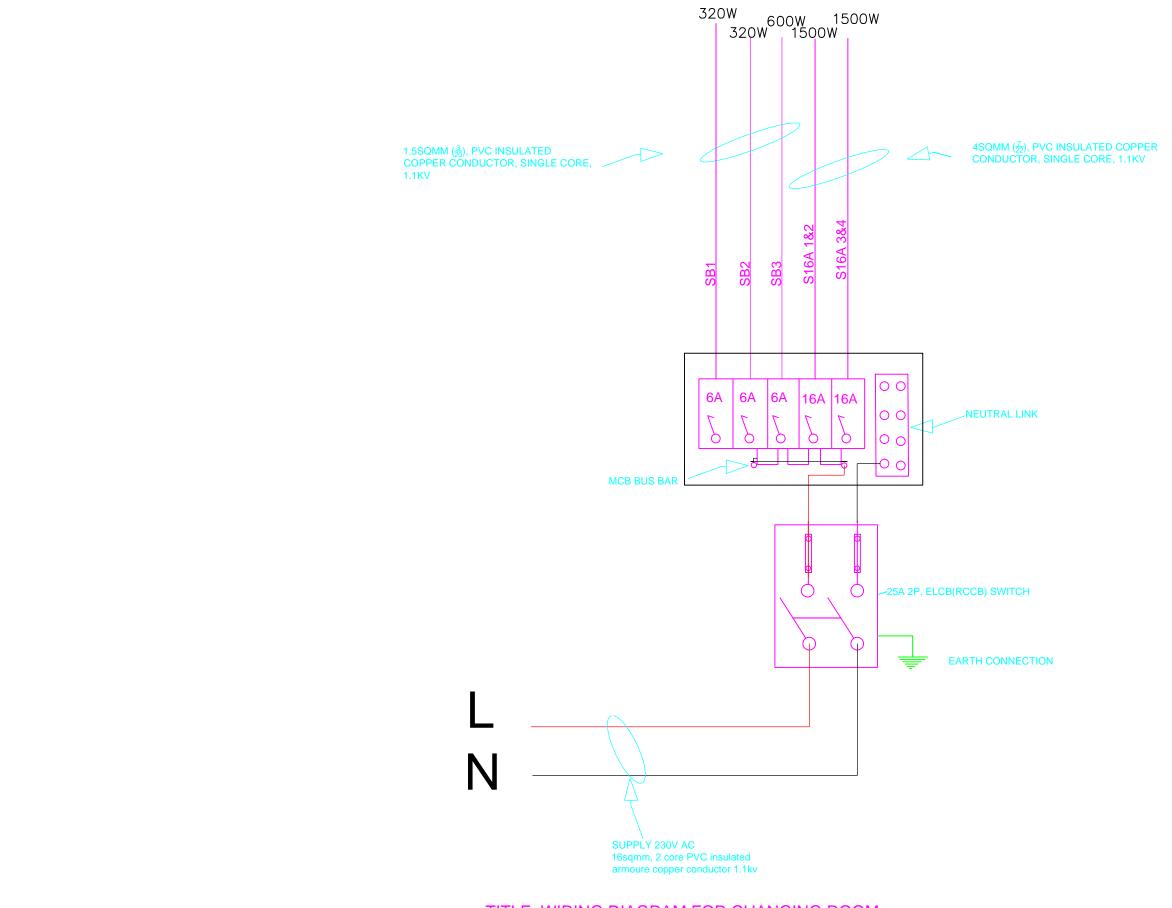




MAIN ENTRANCE

TITLE: CONNECTION FOR MDB TO POWER POINT

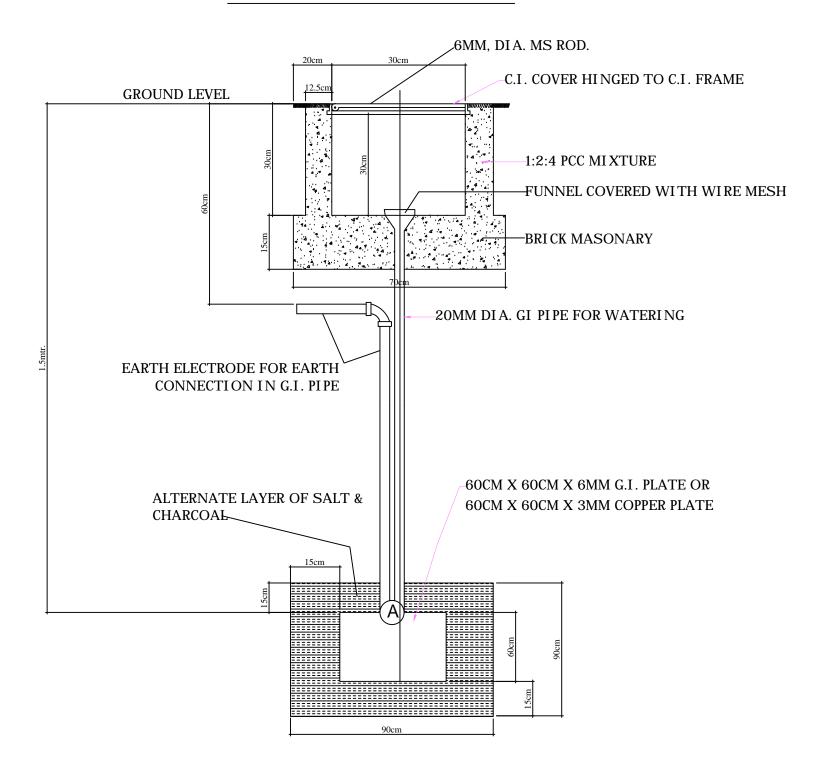
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### TITLE: WIRING DIAGRAM FOR CHANGING ROOM

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### PLATE EARTHING DETAILS



TITLE: STANDARD EARTHING DRAWING

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