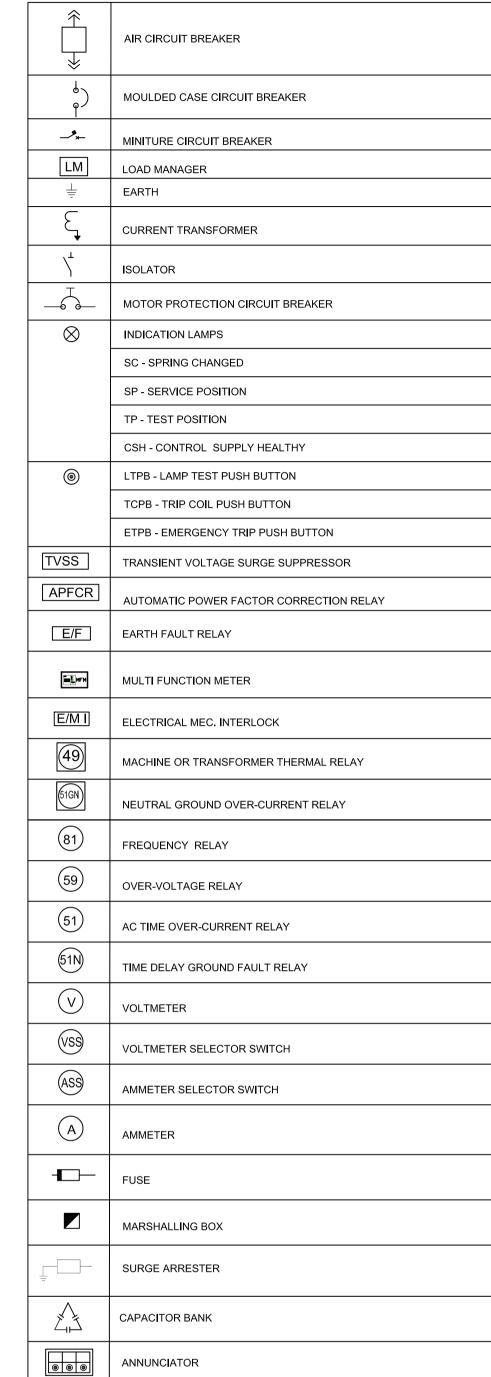


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SINGLE LINE DIAGRAM - ELECTRICAL



NOTES:

LEGEND

- 1. ALL SWITCHGEARS SHALL BE PROVIDED WITH TNC SWITCHES.
- 2. ALL SURGE ARRESTER SHALL BE WITH SURGE COUNTER.
- 3. ALL MCBS SHALL BE CURRENT LIMITING TYPE.
- 4. THE ON . OFF AND TRIP POSITION OF MCCB SHALL BE CLEARLY INDICATED, OPERATING HANDLE FOR OPERATING MCCBS WITH THE DOOR CLOSED SHALL BE PROVIDED.
- 5. ALL INDICATING LAMPS SHALL BE MULTICHIP LED TYPE.
- 6. ALL BUS COUPLERS SHOULD BE WITH ON (RED) & OFF (GREEN) INDICATION LAMPS. '. MULTI FUCTION METER & ENERGY METER SHALL BE PROVIDED WITH (BUT NOT LIMITED TO) FOLLOWING METRINGS FEATURES: CURRENT, VOLTAGE, ENERGY (KWH), MD (KW / KVA).
- 8. ALL VERTICAL & HORIZONTAL BUSBARS SHALL BE WITH MENTIONED RATING
- . MPCB SHALL BE USED INSTEAD OF FUSE WHILE FEEDING CONTROL SUPPLY VOLTAGE I.E. 230V AC DIRECTLY DERIVED FROM AC BUS.
- 10. ALL MCCB FEEDERS ON ALL PANELS SHALL BE PROVIDED WITH ON/OFF/TRIP INDICATING LAMPS THROUGH AUXILARY CONTACTS.
- 11. ALL MCC PANELS RELAY SETTING & CONTROLS SHALL SUIT TO MOTOR CAPACITY AS PER TYPE 2 CO-ORDINATION.
- 12. MULTI FUNCTION METER (MFM) SHALL BE CLASS-1 AND SHALL BE PROVIDED WITH RS485 PORT & MOD BUS COMMUNICATION PROTOCOL.
- 13. METAL ENGRAVED CAUTION BOARD'S SHALL BE RIVETTED ON COVERS FOR
- 14. NEUTRAL IS REQUIRED FOR ALL PANELS AS SHOWN.SIZE OF NEUTRAL SHALL BE 50% OF PHASE FOR ALL PANELS EXCEPT UPS PANELS.FOR UPS PANLES NEUTRAL SHALL BE 200% OF PHASE.
- 15. FOR SPARE FEEDERS MFM / EM IS NOT REQUIRED, HOWEVER, SPACE PROVISION SHALL BE MADE FOR MFM / EM.
- 16. ALL SIGNALS MONITORING SHALL BE SOFT SIGNALS RS485 PORT.
- 17. THE CONTRACTOR AND PANEL VENDOR IS RESPONSIBLE FOR RELAY/RELEASE
- COORDINATION, OVERCURRENT/EARTH FAULT/SHORT CIRCUIT CURRENTSETTINGS AT VARIOUS LEVELS AND AT EACH PANEL/DB, TO ACHIEVE PROPER FAULT DISCRIMINATION.RELAY SETTINGS AT EACH VOLTAGE LEVEL SHALL BE SUITABLY SELECTED, COORDINATED AND SET AT SITE BY ELECTRICAL CONTRACTOR TO ACHIEVE PROPER DISCRIMINATION.

NOTES

- 2. ALL DIMENSIONS ARE IN CENTIMETERS UNLESS AND OTHERWISE SPECIFIED 3. ALL LEVELS ARE FINISHED LEVELS.
- ARCHITECT BEFORE COMMENCEMENT OF WORK
- 5. FOR DETAILS OF ALL CUTOUTS IN SLABS AND BEAMS REFER SERVICES CONSULTANTS DRAWINGS.
- 6. FOR STAIRCASE DETAILS REFER DRAWING. NO. 5.1 7. FOR TOILET DETAILS REFER DRAWING. NO. 6.1
- 8. FOR DOOR DETAILS REFER DRWG NO. 8.1
- 9. FOR WINDOW DETAILS REFER DRWG NO. 9.1
- 10. FOR KITCHEN PANTRY DETAILS REFER DRWG NO. 10.1 11. FOR MISCELLANEOUS DETAILS REFER DRAWING NO. 29.1
- 12. FOR VERANDAH DETAILS REFER DRAWING NO. 31.1

Remarks Revisions

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SINGLE LINE DIAGRAM - ELECTRICAL

Drawing No. NUC(1)-CC-E4.0 Checked: MT Scale:

2016.08.05 Approved. VASTU SHILPA CONSULTANTS Architects I Planners I Urban Designers

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