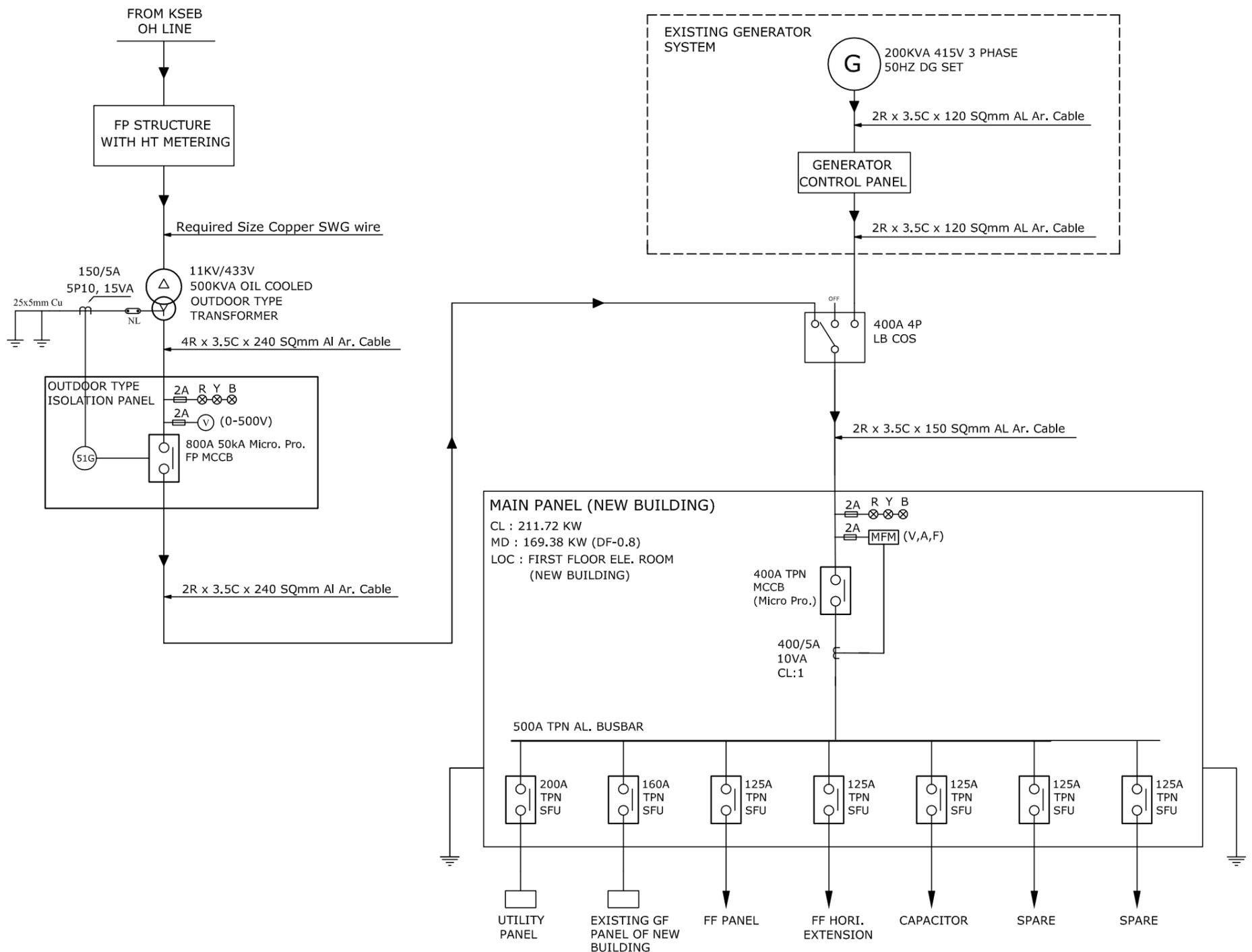


PROPOSED HT ELECTRICAL SCHEMATIC FOR THE TALUK HOSPITAL KARUNAGAPPALLY



| DESCRIPTION | | UTILITY PANEL | EXISTING GF PANEL OF NEW BUILDING | FF PANEL | FF HORI. EXTENSION | CAPACITOR BANK | SPARE | SPARE |
|----------------------------|----------------|---------------|-----------------------------------|----------|--------------------|----------------|-------|-------|
| CONNECTED LOAD | KW | 102 | 29.72 | 58 | 22 | 50kVAR | | |
| | HP | - | - | - | - | - | | |
| | KVA | - | - | - | - | - | | |
| BACK UP FUSE(AMPS) | | - | - | - | - | - | | |
| PVC AL CABLE | SIZE(SQ mm) | 150 | 95 | 70 | 70 | 95 | | |
| | RUNxNO OF CORE | 1x3.5 | 1x3.5 | 1x3.5 | 1x3.5 | 1x3.5 | | |
| | LENGTH(Mtrs) | - | - | - | - | - | | |
| EARTH CONDUCTOR (GI STRIP) | | 25x5 | 25x5 | 25x5 | 25x5 | 25x5 | | |
| SYSTEM VOLTAGE | | 415V | 415V | 415V | 415V | 415V | | |

**HLL LIFECARE LTD
INFRASTRUCTURE DEVELOPMENT DIVISION
TRIRUVANANTHAPURAM, KERALA**