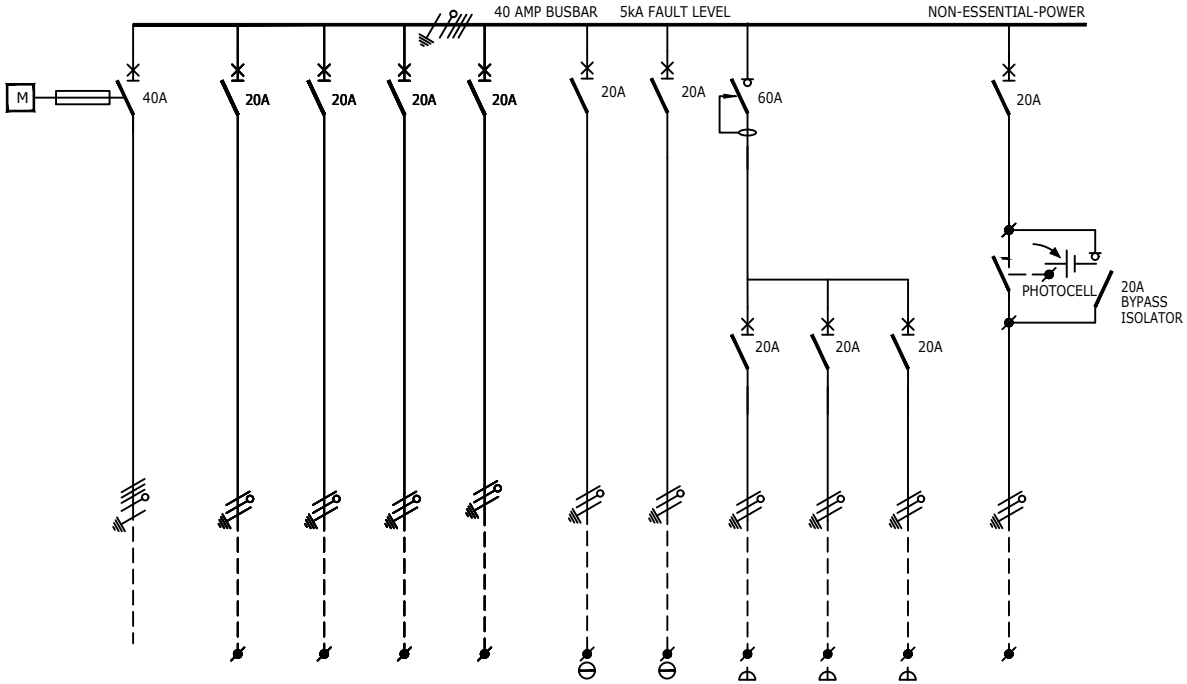
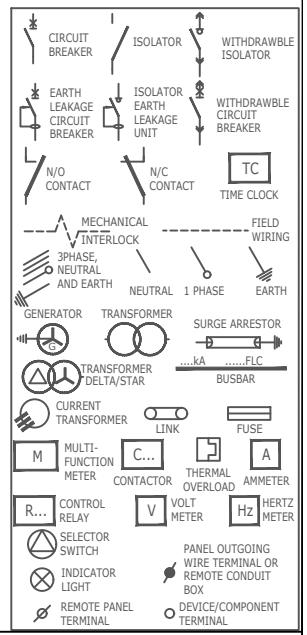


NOTES

1) DROPPERS/TAILS TO BE RATED FOR FULL I^2t LET THROUGH.
2) HARNESSED WIRING TO BE DERATED.
3) TUFFNOL BRACES ARE NOT TO BE USED ABOVE 10kA.
4) COPPER BUSBARS TO BE CONTINUOUS RATED.
5) ALL OUTGOING CIRCUIT BREAKERS TO BE FITTED WITH COPPER TAILS TO FACILITATE CABLE TERMINATIONS IN THE CABLE CHAMBER AND NOT ON THE CIRCUIT BREAKER.
6) COPPER TAILS FROM DROPPER BUSBAR AND OUTGOING COPPER TAILS TO BE ADEQUATELY BRACED FOR FAULT LEVEL AND SHROUDED WITH HEAT SHRINK.
7) ALL CIRCUIT BREAKERS TO BE FITTED WITH TERMINAL SHIELD ON LIVE AND LOAD SIDES.
8) ENCLOSURE TO BE IP54.
9) PHASING RWB, TOP TO BOTTOM, LEFT TO RIGHT, BACK TO FRONT.
10) INTERNAL TEMP TO BE LIMITED TO 5° ABOVE AMBIANT, MAX 40°C.
11) ALL CIRCUITS TO BE LABELED.
12) 25% SPARE SPACE. SPARE SPACES ARE TO BE FITTED WITH COPPER BUSBAR TAILS CONNECTED TO DROPPER BUSBARS TO ALLOW INSTALLATIONOF CIRCUIT BREAKERS WITH A MINIMAL SHUTDOWN PERIOD.

PANEL: RED	-ESSENTIAL
BLUE	-UPS
INCOMING CABLE	-CABLES/ TOP
OUTGOING CIRCUITS	-CABLES / TOP
COLOUR	-WHITE
MOUNTING	-SURFACE
ACCESS	-FRONT
PROTECTIVE DEVICES	-SCHNEIDER
ACB's (1250A-4000A)	-MASTERPACT NW
MCCB'S(800A - 1000A)	-COMPACT NS
MCCB'S(60A-630A)	-EASYPACT CSV
MCB's	-MULTI 9, TYPE 2
CONTACTORS	-AC3 HEAVY DUTY
METERS	-SCHNEIDER PM 3255



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TITLE: Ikageng Police Station

DRAWING TITLE: DB-G/DB-G-E

Single Line Diagram

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