

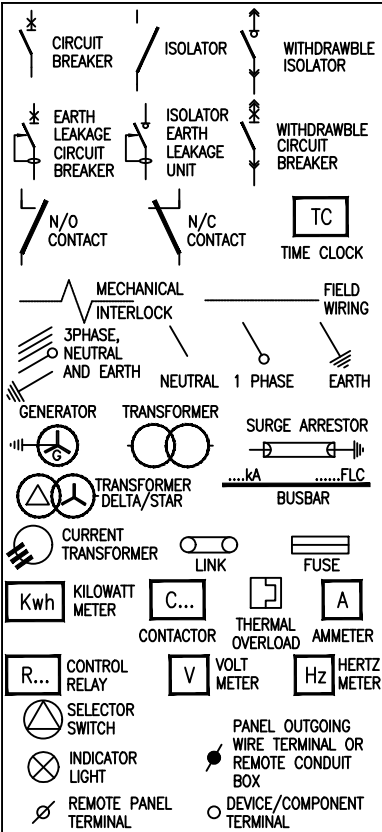
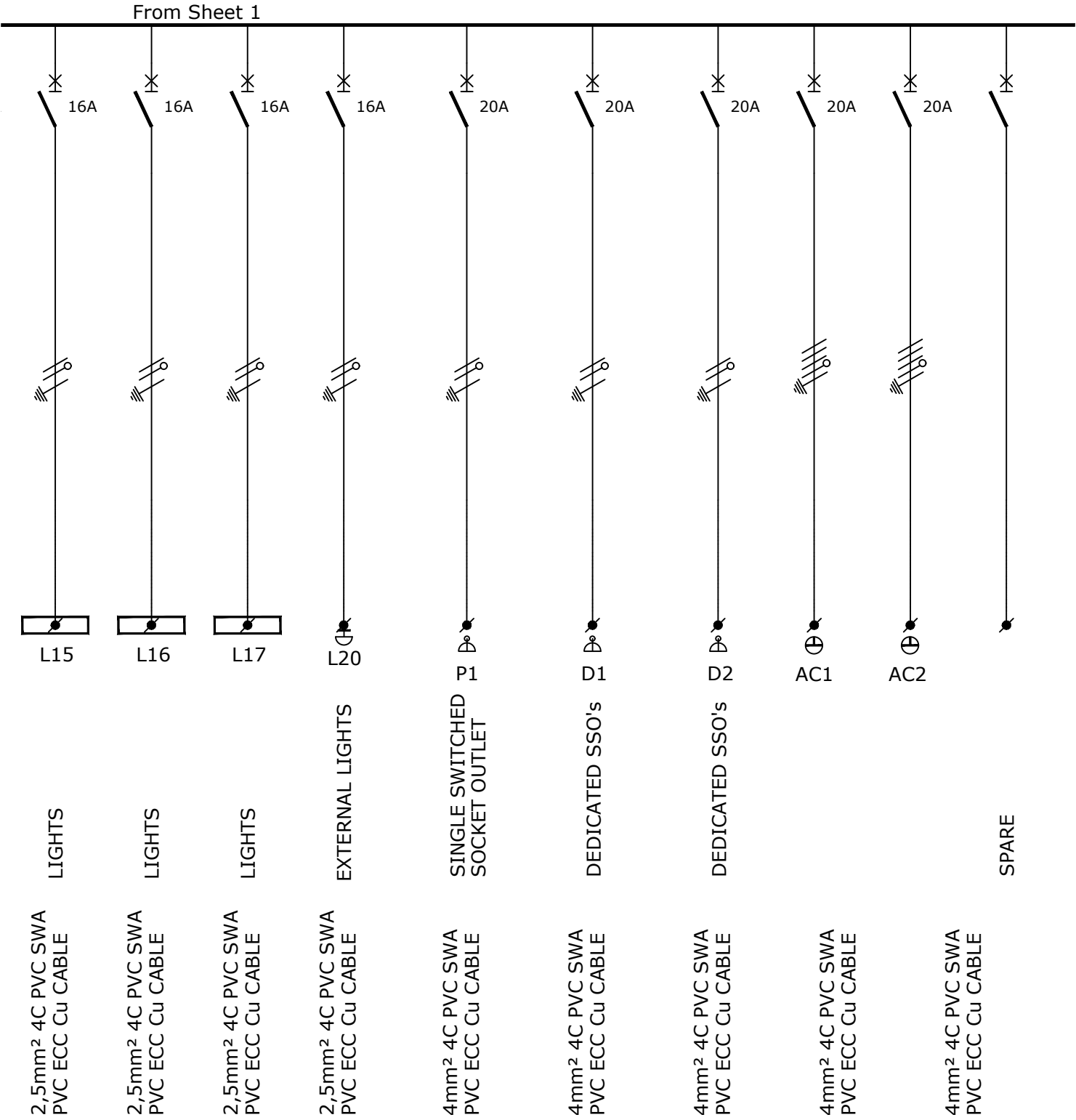


① CLASS 1 SURGE ARRESTOR

NOTES

- 1) DROPPERS/TAILS TO BE RATED FOR FULL P<sub>n</sub> LET THROUGH.
- 2) HARNESSSED WIRING TO BE DERATED.
- 3) TUFFNOL BRACES ARE NOT TO BE USED ABOVE 10kA.
- 4) COPPER BUSBARS TO BE CONTINUOUS RATED.
- 5) SUFFICIENT SPACE REQUIRED FOR SAFE ACCESS FOR REWIRING.
- 6) EARTH AND NEUTRAL BARS TO BE EASILY ACCESIBLE.
- 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.
- 13) DB TO BE FITTED WITH A4 LEGEND CARD HOLDER WITH STANDARD IBUYA A4 LEGEND CARD.
- 14) EACH CIRCUIT TO BE LABELED WITH DETAILED DESCRIPTION OF CONNECTED DEVICE.
- 15) EXTERNAL EARTH STUD MOUNTED ADJACENT CABLE ENTRY.

INCOMING CABLE	-BOTTOM
OUTGOING CIRCUITS	-TOP/BOTTOM
COLOUR	-RED
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



*JK*

Approved in Principle  
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TITLE
Makhaza Police Station Electrical Installation
DRAWING TITLE:
DB-CE Single Line Diagram

