

LEGEND

-  ELECTRICAL SERVICES SWITCHBOARD.
-  SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF THE ELECTRICAL SUBCONTRACT.
-  SINGLE POWER OUTLET.
-  DOUBLE POWER OUTLET.
-  DRINK FOUNTAIN POWER OUTLET WITHIN DRINK FOUNTAIN HOUSING.
-  SPECIAL PURPOSE POWER OUTLET.
-  SINGLE PHASE ISOLATOR.
-  THREE PHASE ISOLATOR.
-  CONDUIT ROUTE.
-  LIGHTING CONTROL SWITCH PANEL.
-  CIRCUIT LINE.
-  SWITCH LINE.
-  ONE-WAY LIGHT SWITCH.
-  TWO-WAY LIGHT SWITCH.
-  FAN SPEED CONTROLLER (FSC).
-  PRESENCE DETECTOR.
-  LIGHTING CONTROL CHANNEL.

DB-x - Py

POWER CIRCUIT DESIGNATION.
DENOTES DB AND CIRCUIT.

 ELECTRICAL EQUIPMENT AS NOTED.

 RJ45 COMMUNICATIONS OUTLET.

CR-B COMMUNICATIONS RACK.

 REFER TO DETAIL NOTED FOR THE AREA SHOWN HATCHED.
ADDITIONAL OUTLETS & FITTINGS MAY BE SHOWN ON DETAIL.

 SECURITY ELECTRIC STRIKE.

 SECURITY KEY PANEL.

 SECURITY CAMERA.

 SECURITY REED SWITCH.

 SECURITY PRO TRI TECH INTRUDER DETECTOR.

 SECURITY DUAL TECH INTRUDER DETECTOR.

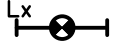
 PIZEO SIREN.

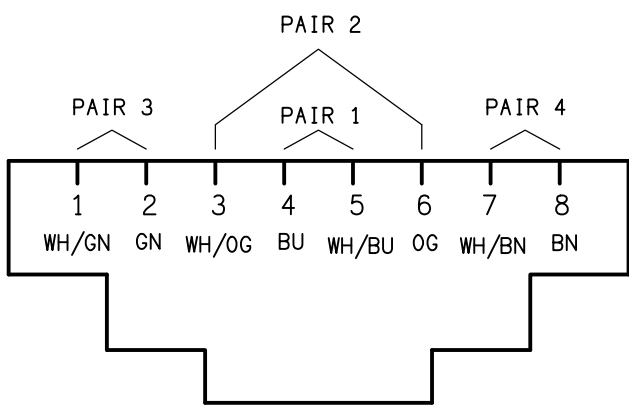
 RECESSED PUBLIC ADDRESS SPEAKER.

 ROLLER SHUTTER SELECTOR SWITCH.

 ROLLER SHUTTER MOTOR UNIT.

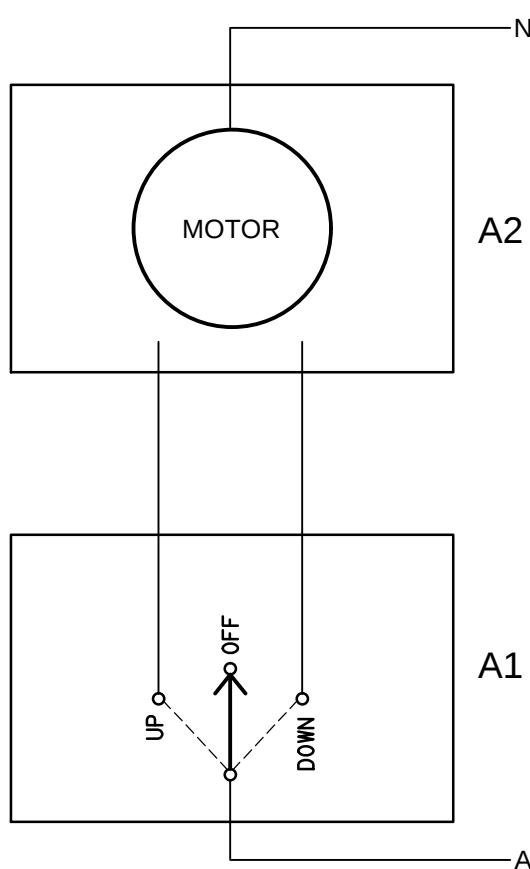
LEGEND

-  EX: EMERGENCY EXIT LIGHT.
-  E1: GENERAL EMERGENCY LIGHT.
-  Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK.
TYPE AS NOTED.
-  Fx: CEILING FAN, TYPE AS NOTED.
-  L1: 600 x 600 T-BAR LED PANEL LIGHT.
-  L2: 600 x 600 PLASTERBOARD LED FLAT PANEL C/W RECESS KIT.
-  L3: 300 x 1200 PLASTERBOARD LED FLAT PANEL C/W RECESS KIT.
-  L4: 1200 LONG IP65 LED BATTEN.
-  L5: 1200 LONG IP65 LED BATTEN C/W INTEGRAL SENSOR.
-  L6: RECESSED LED DOWNLIGHT.
-  L7: WALL MOUNTED LED BUNKER LIGHT.
-  L8: EXISTING CAR PARK POLE LIGHT TO BE RETAINED AS IS.



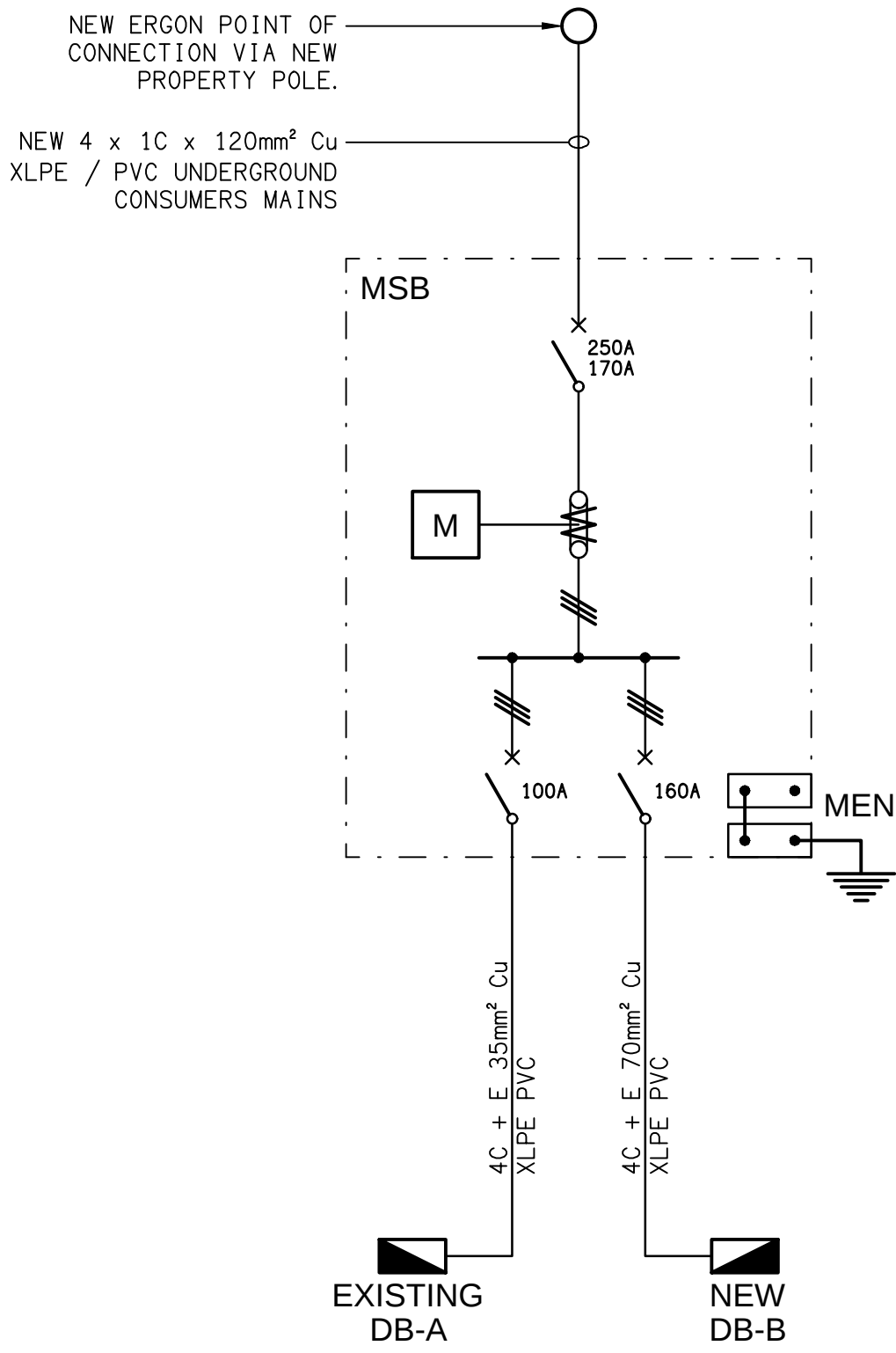
SCHEMATIC

RJ45 PINOUT CONFIGURATION
NOT TO SCALE



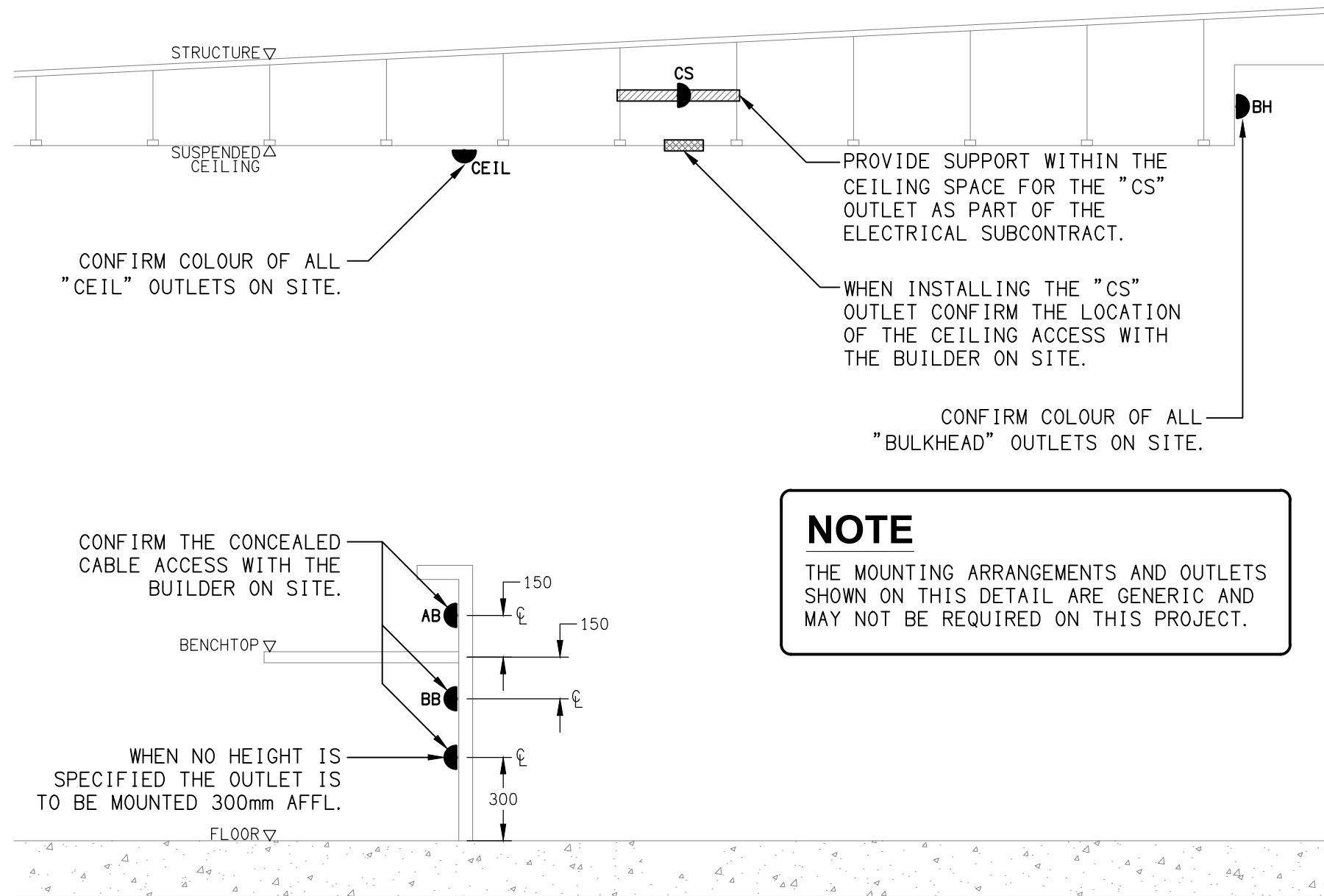
DETAIL

TYPICAL A1 & A2 FACEPLATES
NOT TO SCALE



SCHEMATIC

MAIN SWITCHBOARD CONFIGURATION
NOT TO SCALE

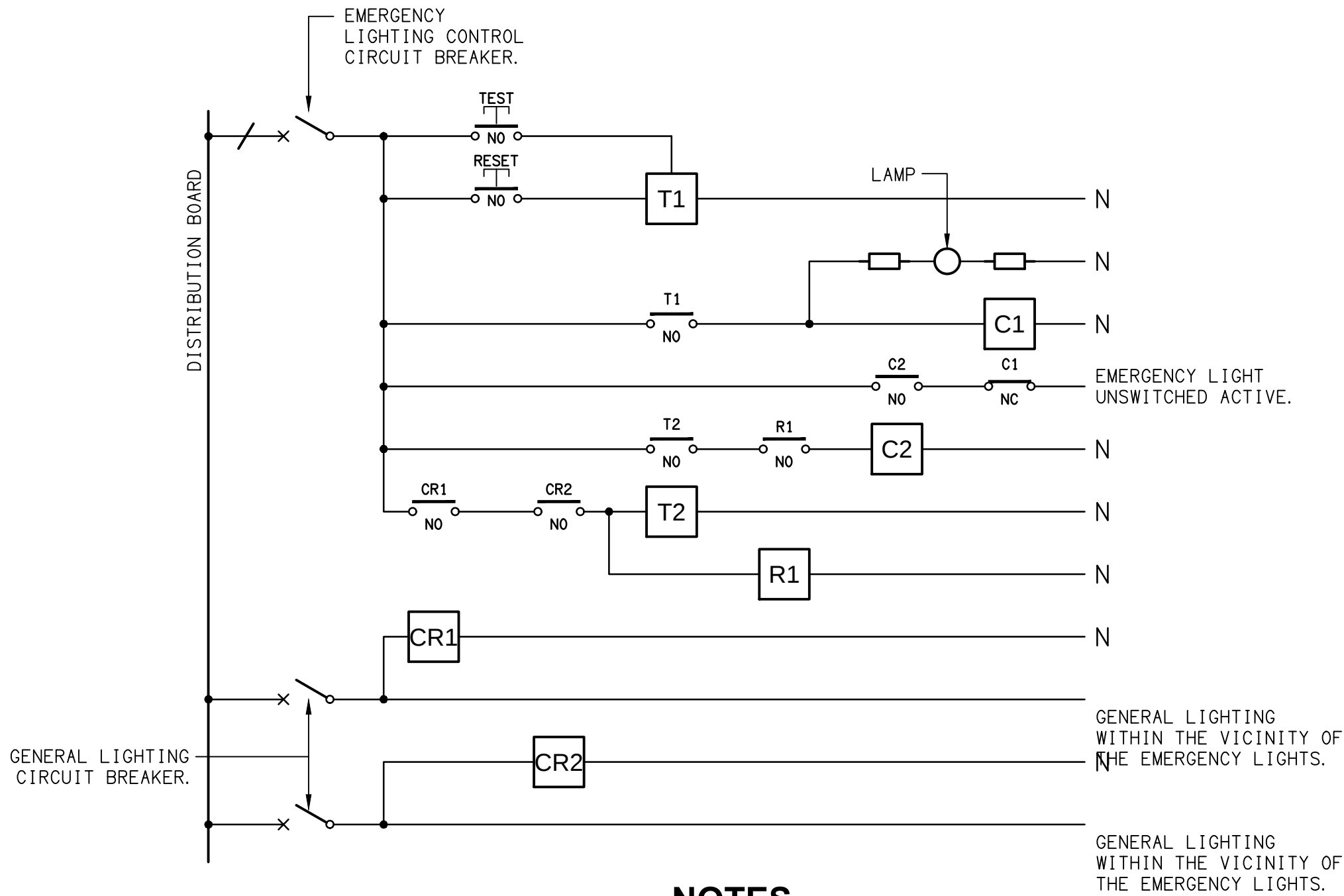


DETAIL

TYPICAL OUTLET MOUNTINGS
NOT TO SCALE

EQUIPMENT:

- TEST - TEST PUSH BUTTON MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.
- RESET - RESET PUSH BUTTON MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.
- LAMP - AMBER TEST INDICATING LAMP MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.
- T1 - ADJUSTABLE 0-3 HOUR TIMED RELAY.
- T2 - 15 MINUTE RUN-ON TIMER TO OPERATE UPON THE RETURN OF MAINS POWER.
- Cx - CONTACTOR x.
- CRx - CONTROL RELAY x.
- Rx - RELAY x.



SCHEMATIC

EMERGENCY LIGHTING
NOT TO SCALE

NOTES

- THE EMERGENCY LIGHT UNSWITCHED ACTIVE / GENERAL LIGHTING SWITCHED ACTIVE CIRCUIT ARRANGEMENT AND CONTROL IS TYPICAL FOR ALL CIRCUITS SUPPLYING EMERGENCY LIGHTS.
- PROVIDE ADDITIONAL CONTROL RELAYS (CRx) CONFIGURED AS PER CR1 AND CR2 FOR ALL ADDITIONAL LIGHTING CIRCUITS THAT SUPPLY LIGHTS IN THE VICINITY OF THE EMERGENCY LIGHTS.