














LEGEND

-  ELECTRICAL SERVICES SWITCHBOARD.
-  SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF THE ELECTRICAL SUBCONTRACT.
-  SINGLE POWER OUTLET.
-  DOUBLE POWER OUTLET.
-  SPECIAL PURPOSE POWER OUTLET.
-  SIGNAGE CONNECTION.
-  SINGLE PHASE ISOLATOR.
-  THREE PHASE ISOLATOR.
-  ONE-WAY LIGHT SWITCH.
-  TWO-WAY LIGHT SWITCH.
-  LIGHTING PRESENCE DETECTOR.
-  CIRCUIT LINE.
-  SWITCH LINE.

DB-x - Py POWER CIRCUIT DESIGNATION. DENOTES DB AND CIRCUIT.

 ELECTRICAL EQUIPMENT AS NOTED.

 RJ45 COMMUNICATIONS OUTLET.

 FUSE.


 SINGLE PHASE.

 THREE PHASE.


 CURRENT TRANSFORMER C/W REMOVABLE LINK.


 COMBINED FUSE SWITCH.

 CIRCUIT BREAKER.

 ISOLATOR.

 RESIDUAL CURRENT DEVICE.

 CONTACTOR - NORMALLY OPEN.

 CONTACTOR - NORMALLY CLOSED.

 NBN NETWORK TERMINATION DEVICE.

 NBN PREMISES CONNECTION DEVICE.

 SINGLE PHASE DIRECT WIRED RETAIL METER.












 THREE PHASE DIRECT WIRED RETAIL METER.

 THREE PHASE CT RETAIL METER.

 EXISTING THREE PHASE RETAIL METER TO BE REMOVED.

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

LEGEND

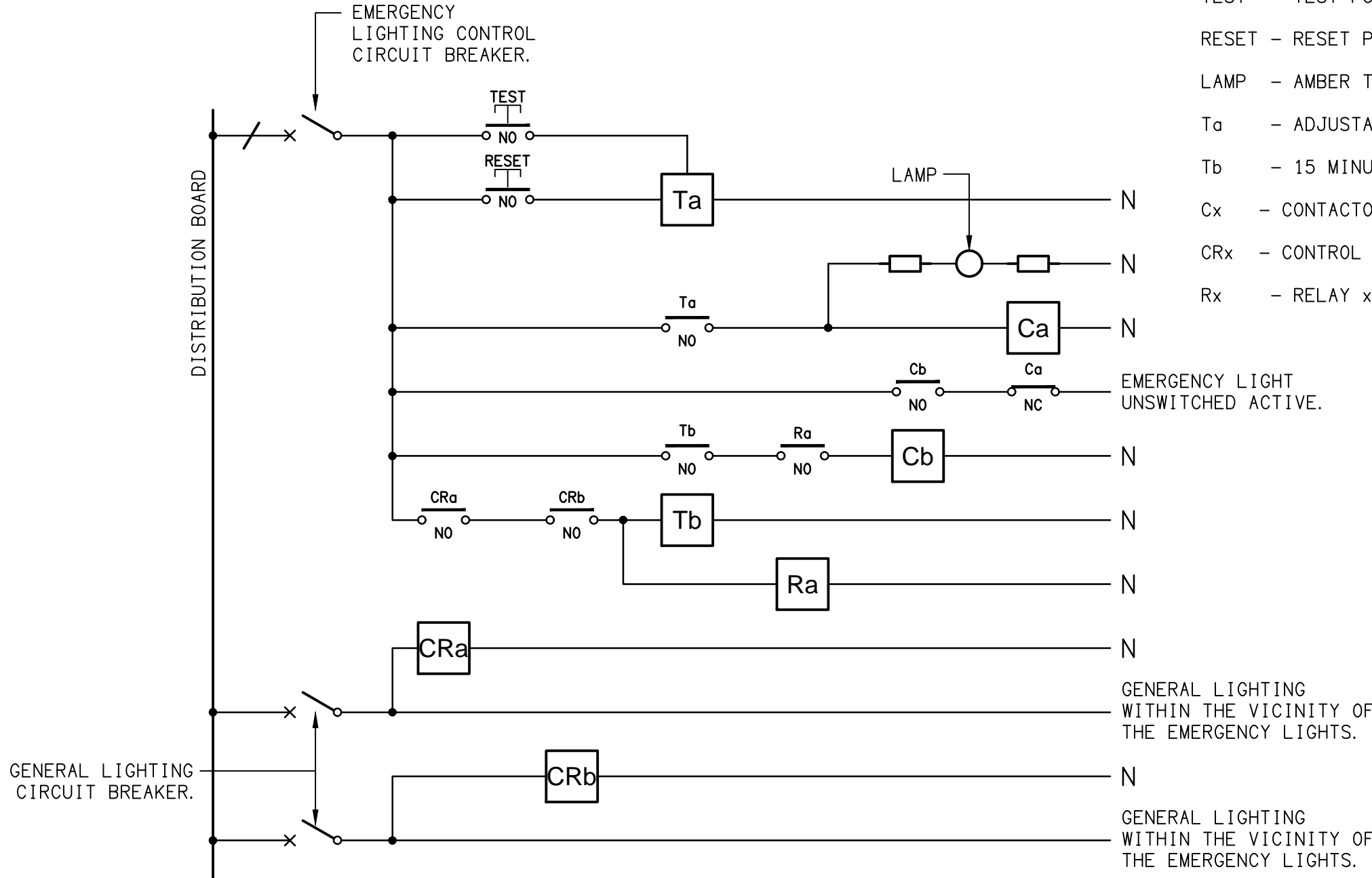
-  E1: GENERAL LED EMERGENCY LIGHT.
-  EX: EMERGENCY LED EXIT LIGHT.
-  Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK. TYPE AS NOTED.
-  L1: 1200 X 300 T-BAR TROFFER.
-  L2: 600 X 600 TROFFER C/W PB RECESSES KIT.
-  L3: 600 LONG SURFACE MOUNTED DIFFUSED LED BATTEN C/W INTEGRAL SENSOR.
-  L4: 900 LUMEN +/- 15% RECESSED DOWNLIGHT.
-  L5: 1400 LUMEN +/- 15% RECESSED DOWNLIGHT.
-  L6: ADJUSTABLE 30W +/- 15% FLOOD LIGHT MOUNTED ON THE BUILDING FACADE.
-  L7: 30W +/- 15% CARPARK LIGHT MOUNTED ON A 5m POLE C/W LARGE REAR SPILL SHIELD.
-  L8: 30W +/- 15% CARPARK LIGHT MOUNTED ON A 5m POLE.

NOTE

ALL ELECTRICAL PENETRATIONS THROUGH THE ROOF SHEETING ARE TO BE IN LINE WITH THE STRUCTURAL OR MECHANICAL SERVICES PENETRATIONS TO AVOID DEDICATED FLASHINGS FOR THE ELECTRICAL SERVICES.

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.
- Ta - ADJUSTABLE 0-3 HOUR TIMED RELAY.
- Tb - 15 MINUTE RUN-ON TIMER TO OPERATE UPON THE RETURN OF MAINS POWER.
- Cx - CONTACTOR x.
- CRx - CONTROL RELAY x.
- Rx - RELAY x.



NOTES

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

SCHEMATIC  
EMERGENCY LIGHTING  
NOT TO SCALE

