


















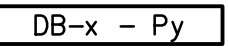
































































LEGEND

-  ELECTRICAL SERVICES SWITCHBOARD.
-  SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF THE ELECTRICAL SUBCONTRACT.
-  ELECTRICAL CABLE TRAY / LADDER.
-  SINGLE POWER OUTLET. TYPE AS NOTED.
-  DOUBLE POWER OUTLET. TYPE AS NOTED.
-  SPECIAL PURPOSE POWER OUTLET.
-  SINGLE PHASE ISOLATOR.
-  THREE PHASE ISOLATOR.
-  CONDUIT ROUTE.
-  TELSTRA / NBN PIT.
-  LIGHTING MOTION SENSOR SWITCH.
-  LIGHTING PRESENCE DETECTOR SWITCH.
-  ONE-WAY LIGHT SWITCH.
-  ONE-WAY LIGHT SWITCH C/W DIMMER.
-  TWO-WAY LIGHT SWITCH.
-  CEILING FAN SPEED CONTROLLER (FSC).
-  CEILING FAN.
-  CIRCUIT LINE.
-  SWITCH LINE.
-  DB-x - Py POWER CIRCUIT DESIGNATION. DENOTES DB AND CIRCUIT.
-  ELECTRICAL EQUIPMENT AS NOTED.
-  MATV BELLING-LEA OUTLET.
-  RJ45 COMMUNICATIONS OUTLET.
-  RJ45 COMMUNICATIONS OUTLET HUB.
-  NBN NETWORK TERMINATION DEVICE.
-  NBN TYPE 8 OPTICAL SPLITTER.
-  NBN PREMISES CONNECTION DEVICE.
-  ACCESS CONTROL CARD READER.
-  ACCESS CONTROL DOOR ELECTRIC STRIKE.
-  ACCESS CONTROL LIFT INTERFACE MODULE.
-  ACCESS CONTROL ROLLER SHUTTER DOOR INTERFACE.
-  CCTV CAMERA.
-  VIDEO INTERCOM CALL STATION.
-  VIDEO INTERCOM HANDSET
-  PV SOLAR SYSTEM INVERTER.
-  ELECTRIC VEHICLE CHARGER.
-  ELECTRIC VEHICLE CHARGING ISOLATION SWITCH.
-  FIRE INDICATOR PANEL.
-  SMOKE ALARM.
-  SMOKE ALARM TEST FACILITY.
-  FLOOR HEATER.

LEGEND

-  SINGLE PHASE.
-  THREE PHASE.
-  FUSED LINK.
-  AUTOMATIC CIRCUIT BREAKER.
-  NON AUTO LOAD BREAK ISOLATOR.
-  RESIDUAL CURRENT DEVICE. TYPE A UNO.
-  CONTACTOR - NORMALLY OPEN.
-  CONTACTOR - NORMALLY CLOSED.
-  L1. AMENITY WALL LIGHT.
-  L2. DOUBLE SURFACE MOUNTED CAN DOWNLIGHTS.
-  L3. 13W RECESSED DOWNLIGHT.
-  L4. 18W RECESSED DOWNLIGHT.
-  L5. 18W RECESSED DOWNLIGHT.
-  L6. 25W RECESSED DOWNLIGHT.
-  L7. ADJUSTABLE JOINERY MOUNTED UPLIGHT.
-  L8. GARDEN STAKE LIGHT.
-  L9. WALL MOUNTED SIGN LIGHT.
-  L10. LIFT LOBBY WALL LIGHT.
-  L11. INGROUND UPLIGHT.
-  L12. EXTERNAL WALL LIGHT.
-  L13. 25W RECESSED DOWNLIGHT.
-  L14. 600 LONG IP65 BATTEN.
-  L15. UNDERWATER RGB POOL LIGHT.
-  L16. 3200 HIGH POLE MOUNTED CARPARK LIGHT.
-  L17. SURFACE MOUNTED DIMMABLE CARPARK ENTRY LIGHT.
-  L18. 1200 LONG IP65 BATTEN C/W SENSOR.
-  L19. 1200 LONG IP65 BATTEN.
-  L20. SURFACE MOUNTED SHOWER BUNKER LIGHT.
-  L21. SURFACE MOUNTED CAN DOWNLIGHT.
-  L22. PENTHOUSE WALL MOUNTED ARTWORK LIGHT.
-  L23. PENTHOUSE KITCHEN PENDANT LIGHT.
-  S1. OVERHEAD CUPBOARD LED STRIP LIGHT.
-  S2. HORIZONTAL SHELIVING LED STRIP LIGHT.
-  S3. JOINERY LED STRIP LIGHT.
-  S4. 1800 LONG VERTICAL LED STRIP MIRROR LIGHT.
-  S5. CELLAR LED STRIP LIGHT.

LEGEND

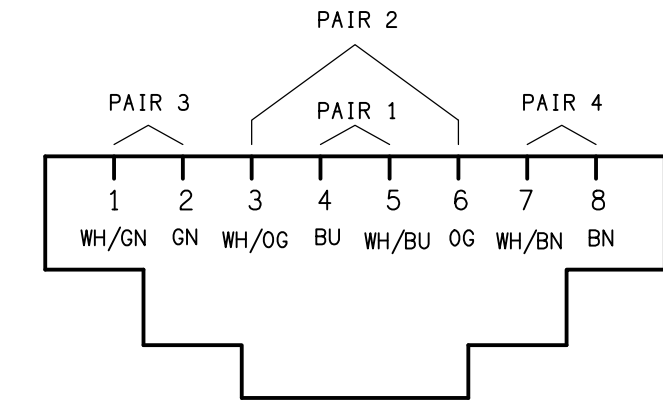
-  REFER TO DETAIL NOTED FOR THE AREA SHOWN HATCHED. ADDITIONAL OUTLETS & FITTINGS MAY BE SHOWN ON DETAIL.
-  E1: GENERAL LED EMERGENCY LIGHT.
-  EX: EMERGENCY LED EXIT LIGHT.
-  EX WP: WEATHERPROOF EMERGENCY LED EXIT LIGHT.
-  Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK. TYPE AS NOTED.

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.

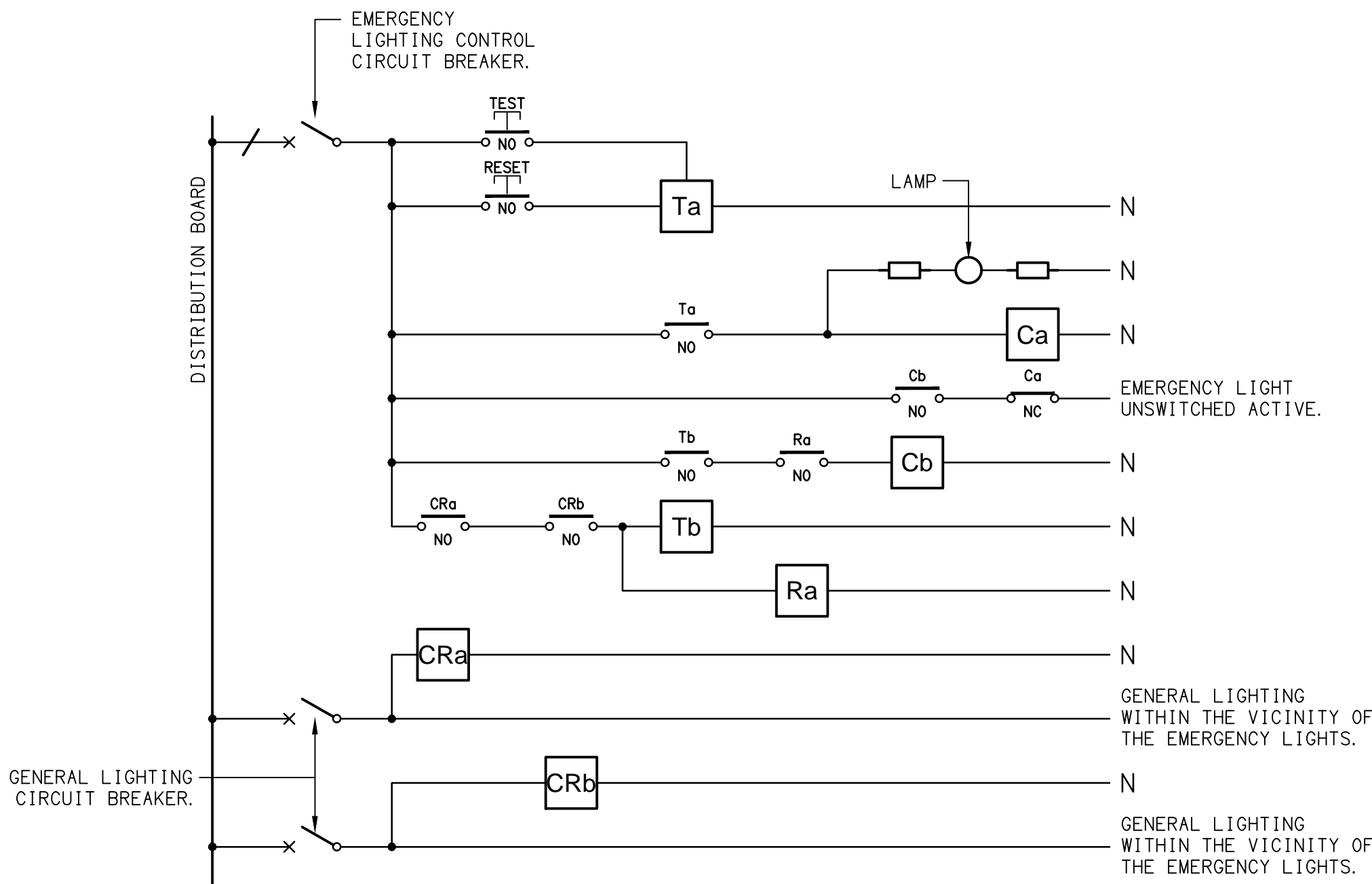
EQUIPMENT:

- 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.



SCHEMATIC

RJ45 PINOUT CONFIGURATION
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 CRa AND CRb FOR ALL ADDITIONAL LIGHTING CIRCUITS THAT SUPPLY LIGHTS IN THE VICINITY OF THE EMERGENCY LIGHTS.

SCHEMATIC

EMERGENCY LIGHTING
NOT TO SCALE

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USE FIGURED DIMENSIONS IN PREFERENCE TO SCALE.

ALL DIMENSIONS TO BE VERIFIED ONSITE.

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ELECTRICAL BUILDING SERVICES CONSULTANTS

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TRADING AS:
ELECTRICAL DESIGN GROUP

PROJECT:

TI-TREE COLLECTIVE

SITE ADDRESS:

294-298 GIVEN TERRACE, PADDINGTON
BRISBANE, QUEENSLAND

SCALE: SHEET SIZE:

NOT TO SCALE AT A1

DRAWING TITLE:

ELECTRICAL SERVICES
LEGEND & DETAILS

PROJECT NO: DRAWING NO: REVISION:

C3599a E01 A