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.

SIGN CONNECTION.

INTERCONNECTED HDMI OUTLETS.

EMERGENCY CONTROL PANEL.

LIGHTING PRESENCE DETECTOR SWITCH.

LIGHTING CONTROL SWITCH PANEL.

LIGHTING DALI POT DIMMER.

ONE-WAY LIGHT SWITCH.

TWO-WAY LIGHT SWITCH.

CIRCUIT LINE.

SWITCH LINE.

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

ELECTRICAL EQUIPMENT AS NOTED.

▼ RJ45 COMMUNICATIONS OUTLET.

RK T RJ45 COMMUNICATIONS OUTLET MOUNTED IN A RECESS KIT.

CCTV OUTLET.

▼ FUTURE CCTV OUTLET.

SECURITY DIRECTIONAL MOTION DETECTOR.

SECURITY SIREN STROBE.

SECURITY PIEZO SIREN.

PA HORN / HOOTER.

PA MULTI-TAP CONE SPEAKER.

FIRE EVACUATION SPEAKER.

FIRE INDICATOR PANEL.

FIRE DOOR INTERFACE.

FIRE ALARM SYSTEM STROBE.

THERMAL DETECTOR.

SMOKE DETECTOR.

CONCEALED SMOKE DETECTOR.

ACCESS CONTROL AUTO DOOR INTERFACE.

ACCESS CONTROL CARD READER.

ACCESS CONTROL ELECTRIC STRIKE, TYPE AS NOTED.

ACCESS CONTROL INTERCOM CALL STATION.

ACCESS CONTROL EXIT PUSH BUTTON.

LEGEND

SINGLE PHASE.

X CIRCUIT BREAKER.

CONTACTOR - NORMALLY OPEN.

CONTACTOR - NORMALLY CLOSED.

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

E1 € E1: GENERAL LED EMERGENCY LIGHT, WHITE.

E2: GENERAL LED EMERGENCY LIGHT, BLACK.

EX EX: EMERGENCY LED EXIT LIGHT.

L1 O L1: 28W DIMMABLE LARGE RECESSED DOWNLIGHT.

L2: 13W DIMMABLE SMALL RECESSED DOWNLIGHT.

L3 C L3: 13W RECESSED MEDIUM DOWNLIGHT.

L4 O L4: 13W RECESSED SMALL DOWNLIGHT.

L5: OVERHEAD WINDOW LED STRIP LIGHT.

L6: SURFACE BUNKER LIGHT.

L7: EXISTING HIGH LEVEL FLOODLIGHT TO BE RETAINED.

L8: EXISTING SOFIT FLOODLIGHT TO BE RETAINED.

L9 \(\bar{\barge}\) L9: WALL MOUNTED AREA LIGHT.

L10 O L10: 22W ADJUSTABLE RECESSED DOWNLIGHT, BLACK.

-L11 O L11: 22W RECESSED DOWNLIGHT, WHITE.

P1 O P1: DECORATIVE YELLOW PENDANT.

P2 P2: DECORATIVE YELLOW PENDANT.

P3 O P3: DECORATIVE BLUE PENDANT.

P4 O P4: DECORATIVE GREEN PENDANT.

P5: DECORATIVE GREEN PENDANT.

P6: DECORATIVE RED PENDANT.

NOTE

EQUIPMENT:

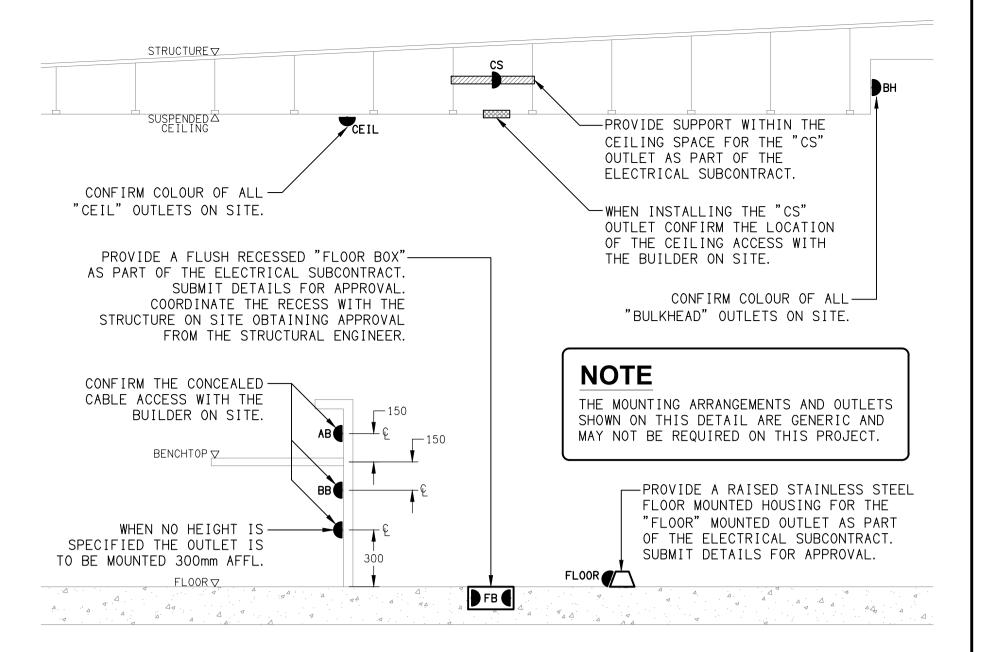
ESCUTCHEON.

Cx - CONTACTOR x.

Rx - RELAY x.

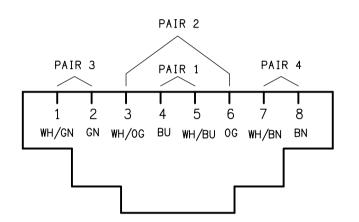
CRx - CONTROL RELAY x.

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.



DETAIL

TYPICAL OUTLET MOUNTINGS NOT TO SCALE



SCHEMATIC

RJ45 PINOUT CONFIGURATION NOT TO SCALE

EMERGENCY LIGHTING CONTROL CIRCUIT BREAKER. LAMP — EMERGENCY LIGHT UNSWITCHED ACTIVE. GENERAL LIGHTING WITHIN THE VICINITY OF THE EMERGENCY LIGHTS. GENERAL LIGHTING CIRCUIT BREAKER. GENERAL LIGHTING WITHIN THE VICINITY OF THE EMERGENCY LIGHTS.

NOTES

SCHEMATIC EMERGENCY LIGHTING

NOT TO SCALE

GOLD COAST

TEST - TEST PUSH BUTTON MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.

RESET - RESET PUSH BUTTON MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.

Tb - 15 MINUTE RUN-ON TIMER TO OPERATE UPON THE RETURN OF MAINS POWER.

LAMP - AMBER TEST INDICATING LAMP MOUNTED ON THE DISTRIBUTION BOARD

Ta - ADJUSTABLE 0-3 HOUR TIMED RELAY.

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.

REV: DESCRIPTION: ANGLICAN CHURCH GRAMMAR SCHOOL **ELECTRICAL SERVICES LEGEND & DETAILS**

D | CONSTRUCTION

ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793 TRADING AS:

ELECTRICAL DESIGN GROUP

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VERIFIED ONSITE.

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BRISBANE

OAKLANDS PARADE, EAST BRISBANE

CHILDCARE

NOT TO SCALE AT A1

C3592a E01

REVISION: D

20/10/2025

DATE: