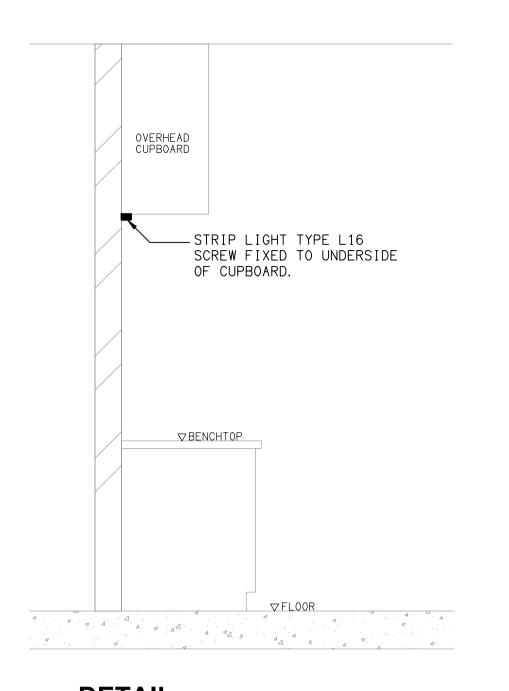
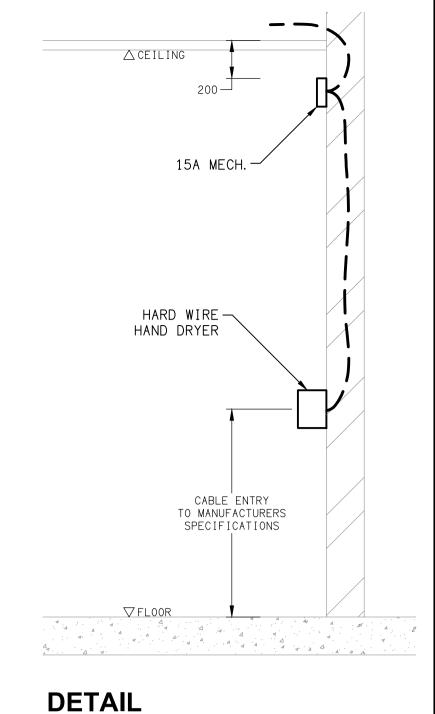
LEGEND LEGEND ELECTRICAL SERVICES SWITCHBOARD. E1 E1: GENERAL LED EMERGENCY LIGHT. SWITCHBOARD BY OTHERS. EX: EMERGENCY LED EXIT LIGHT. SINGLE POWER OUTLET. Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK. TYPE AS NOTED. DOUBLE POWER OUTLET. L1: KIA LOOP LIGHT RED LED. △ SPECIAL PURPOSE POWER OUTLET. L2: FLUSH CEILING RECESSED CUSTOMER LED EXTRUSION. SIGNAGE OUTLET. L3 C L3: FLUSH WALL RECESSED CUSTOMER LED EXTRUSION. SINGLE PHASE ISOLATOR. L4: SHOWROOM AREA DOUBLE HEAD LED RECESSED DOWN LIGHTS MOUNTED IN CEILING RECESS. THREE PHASE ISOLATOR. L5: SHOWROOM RECESSED LED DOWNLIGHT. EV CHARGER CONNECTION, TYPE AS NOTED. L6 O L6: AMENITY RECESSED LED DOWNLIGHT. ELECTRICAL FLOOR BOX, TYPE AS NOTED. L7 C L7: GENERAL 22W RECESSED LED DOWNLIGHT. HAND DRYER CONNECTION. L8 C L8: GENERAL 28W RECESSED LED DOWNLIGHT. LIGHTING PRESENCE DETECTOR SWITCH. L9: 1200 LONG NON SWITCHED NON MAINTAINED LIGHTING CONTROL SWITCH PANEL, TYPE AS NOTED. EMERGENCY LIGHT. LIGHTING CONTROL CHANNEL REFERENCE. L10: 1200 x 300 RECESSED LED FLAT PANEL TROFFER. CIRCUIT LINE. L11: KIA SUSPENDED HIGH LIGHT LED EXTRUSION. SWITCH LINE. L12: 1200 LONG BATTEN. POWER CIRCUIT DESIGNATION. L13 L13: EXTERNAL WALL LIGHT. DB-x - Py DENOTES DB AND CIRCUIT. L14: 100W SUSPENDED HIGH BAY. ELECTRICAL EQUIPMENT AS NOTED. L15: 150W SUSPENDED HIGH BAY. RJ45 COMMUNICATIONS OUTLET. L16: OVERHEAD CUPBOARD LED STRIP LIGHT. L17: KIA DECORATIVE PENDANT. SINGLE PHASE. CURRENT TRANSFORMER C/W REMOVABLE LINK. FUSE LINK. COMBINED FUSE SWITCH. CIRCUIT BREAKER. RESIDUAL CURRENT DEVICE. CONTACTOR - NORMALLY OPEN. CONTACTOR - NORMALLY CLOSED. ENERGEX REVENUE METER. PAIR 2 PAIR 3 PAIR 4 PAIR 1 WH/GN GN WH/OG BU WH/BU OG WH/BN BN **NOTE** ALL ELECTRICAL PENETRATIONS THROUGH THE ROOF SHEETING ARE TO BE IN LINE WITH THE STRUCTURAL OR MECHANICAL SERVICES PENETRATIONS TO AVOID **SCHEMATIC** DEDICATED FLASHINGS FOR THE ELECTRICAL SERVICES. **RJ45 PINOUT CONFIGURATION** NOT TO SCALE



DETAIL "L16" TYPE STRIP LIGHT MOUNTING NOT TO SCALE



HAND DRYER CONNECTION NOT TO SCALE

EQUIPMENT:

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

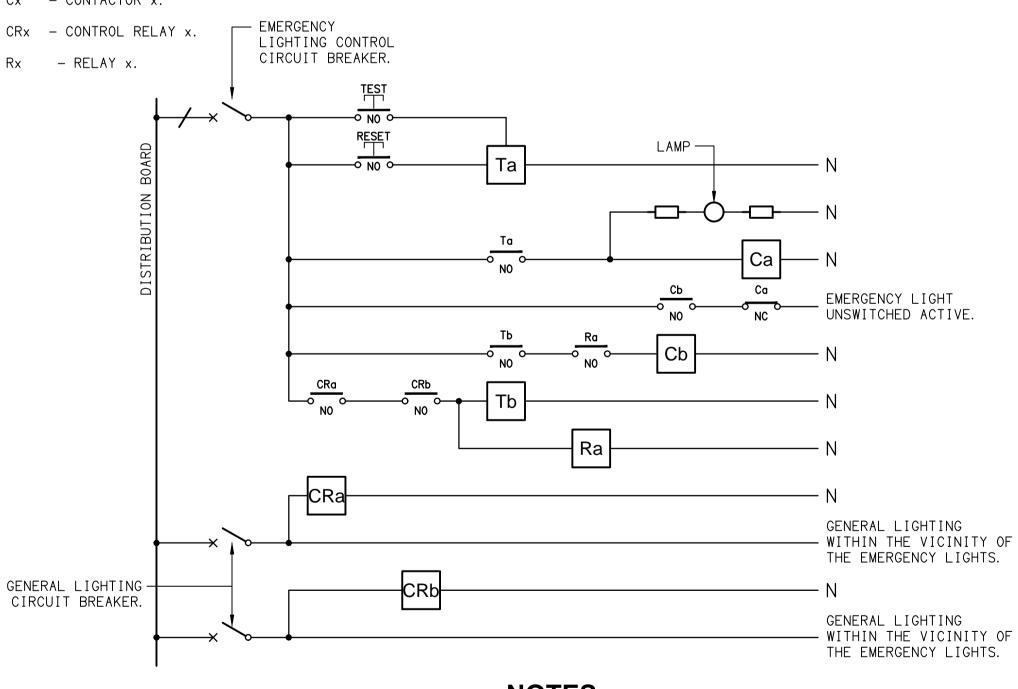
RESET - RESET PUSH BUTTON MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.

LAMP - AMBER TEST INDICATING LAMP MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.

Ta - ADJUSTABLE 0-3 HOUR TIMED RELAY.

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

Cx - CONTACTOR x.



NOTES

ENERGEX PILLAR 4 $-4 \times 10 \times 185$ mm² Cu XLPE / PVC MSB 400A BUS 100A **√** 63A

315A CFS

SCHEMATIC POWER CONFIGURATION NOT TO SCALE

ELECTRICAL DESIGN GROUP ELECTRICAL BUILDING SERVICES

NOT TO SCALE

SCHEMATIC

EMERGENCY LIGHTING

CONSULTANTS GOLD COAST

TOOWONG KIA & MITSUBISHI

1. THE EMERGENCY LIGHT UNSWITCHED ACTIVE / GENERAL LIGHTING

SWITCHED ACTIVE CIRCUIT ARRANGEMENT AND CONTROL IS TYPICAL

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.

FOR ALL CIRCUITS SUPPLYING EMERGENCY LIGHTS.

ELECTRICAL SERVICES LEGEND, SCHEMATICS & DETAILS

C3227a E01 NOT TO SCALE AT A1

REMAINS THE PROPERTY OF THE

ELECTRICAL DESIGN GROUP. USE FIGURED DIMENSIONS IN PREFERENCE TO SCALE. ALL DIMENSIONS TO BE

VERIFIED ONSITE.

THE COPYRIGHT OF THIS DRAWING

ELECTRICAL DESIGN GROUP BRISBANE

ELECTRICAL DESIGN GROUP

PTY LTD ACN 092 710 793

TRADING AS:

BRISBANE P.O.Box 15, Sherwood Q.4075 Phone: (07) 3278 4375

Email: brisbane@edg.net.au

Web: www.edg.net.au

601 MILTON ROAD, TOOWONG

F CONSTRUCTION

REV: DESCRIPTION:

17/02/2025

REVISION:

DATE: