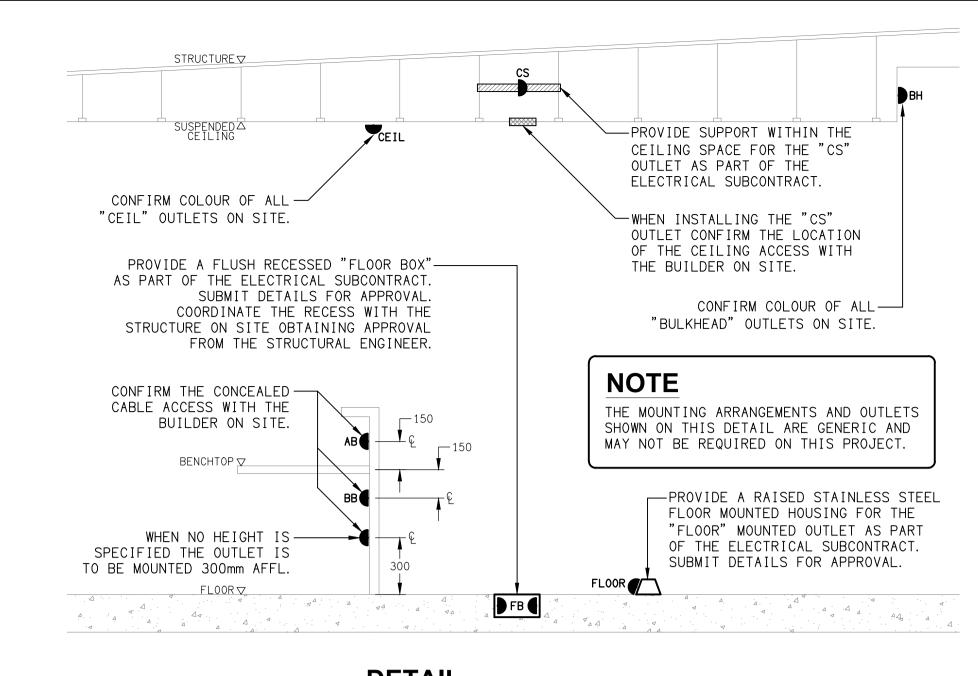
### **LEGEND LEGEND** ELECTRICAL SERVICES SWITCHBOARD. FUSE. SINGLE PHASE. SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF THE ELECTRICAL SUBCONTRACT. THREE PHASE. SINGLE POWER OUTLET. CURRENT TRANSFORMER C/W REMOVABLE LINK. DOUBLE POWER OUTLET. FUSE LINK. DOUBLE POWER OUTLET C/W INTEGRAL USB CHARGERS. COMBINED FUSE SWITCH. SPECIAL PURPOSE POWER OUTLET. CIRCUIT BREAKER. ■ SIGN OUTLET / CONNECTION. ISOLATOR. SINGLE PHASE ISOLATOR. RESIDUAL CURRENT DEVICE. THREE PHASE ISOLATOR. CONTACTOR - NORMALLY OPEN. JUNCTION BOX. CONTACTOR - NORMALLY CLOSED. CONDUIT ROUTE. REFER TO DETAIL NOTED FOR THE AREA SHOWN HATCHED. ADDITIONAL OUTLETS & FITTINGS MAY BE SHOWN ON DETAIL. CABLE TRAY AS NOTED. E1 E1: GENERAL LED EMERGENCY LIGHT. PIT X D ELECTRICAL PIT, TYPE AS NOTED. EX: EMERGENCY LED EXIT LIGHT. T □ TELSTRA PIT. Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK. ELECTRICAL FLOOR BOX, TYPE AS NOTED. TYPE AS NOTED. HAND DRYER CONNECTION. L1: OVERHEAD CUPBOARD LED STRIP LIGHT. LIGHTING CONTROL SWITCH PANEL, TYPE AS NOTED. L2: 600 x 600 RECESSED T-BAR FLAT PLATE. ONE-WAY LIGHT SWITCH. L3: 600 x 600 RECESSED FLAT PLATE. TWO-WAY LIGHT SWITCH. L4: AMENITY RECESSED DOWNLIGHT. CIRCUIT LINE. L5: RECESSED DOWNLIGHT. SWITCH LINE. L6: RECESSED DOWNLIGHT. POWER CIRCUIT DESIGNATION. DB-x - Py L7 O L7: RECESSED DOWNLIGHT. DENOTES DB AND CIRCUIT. L8: RECESSED DOWNLIGHT LIGHTING CONTROL CHANNEL REFERENCE. L9: RECESSED DOWNLIGHT. MAIN DISTRIBUTION FRAME. ELECTRICAL EQUIPMENT AS NOTED. L10: SUSPENDED HIGH BAY FITTING. RJ45 COMMUNICATIONS OUTLET. L11: 1200 LONG IP65 BATTEN C/W EMERGENCY PACK. NBN NETWORK TERMINATION DEVICE. L12: SURFACE MOUNTED CAR PARK LIGHT C/W MOVEMENT SENSOR. NBN PREMISES CONNECTION DEVICE. L13: 3800 LONG RECESSED EXTRUSION FITTING. SUPPLY AUTHORITY CODE COMPLIANT LV MAXIMUM DEMAND L14: 1200 LONG IP65 SURFACE MOUNTED BATTEN C/W MOVEMENT SENSOR. TARIFF METER. МТВ L15: 1200 LONG IP65 SURFACE MOUNTED BATTEN. METERING TEST BLOCK METER. ND Cx GSD L16: WALL MOUNTED CARPARK LIGHT. NETWORK DEVICE. L17: 50W CARPARK LIGHT ON A 9m HIGH POLE. CONTACTOR. L18: 150W CARPARK LIGHT ON A 9m HIGH POLE. GENERATION SIGNALLING DEVICE. DRSC DEMAND RESPONSE SITE CONTROLLER.



#### **DETAIL** TYPICAL OUTLET MOUNTINGS NOT TO SCALE

### **EQUIPMENT:**

**NOTE** 

ALL ELECTRICAL PENETRATIONS THROUGH THE ROOF

SHEETING ARE TO BE IN LINE WITH THE STRUCTURAL

DEDICATED FLASHINGS FOR THE ELECTRICAL SERVICES.

PAIR 3

OR MECHANICAL SERVICES PENETRATIONS TO AVOID

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.

PAIR 2

PAIR 1

1 2 3 4 5 6 7

**SCHEMATIC** 

NOT TO SCALE

WH/GN GN WH/OG BU WH/BU OG WH/BN BN

**RJ45 PINOUT CONFIGURATION** 

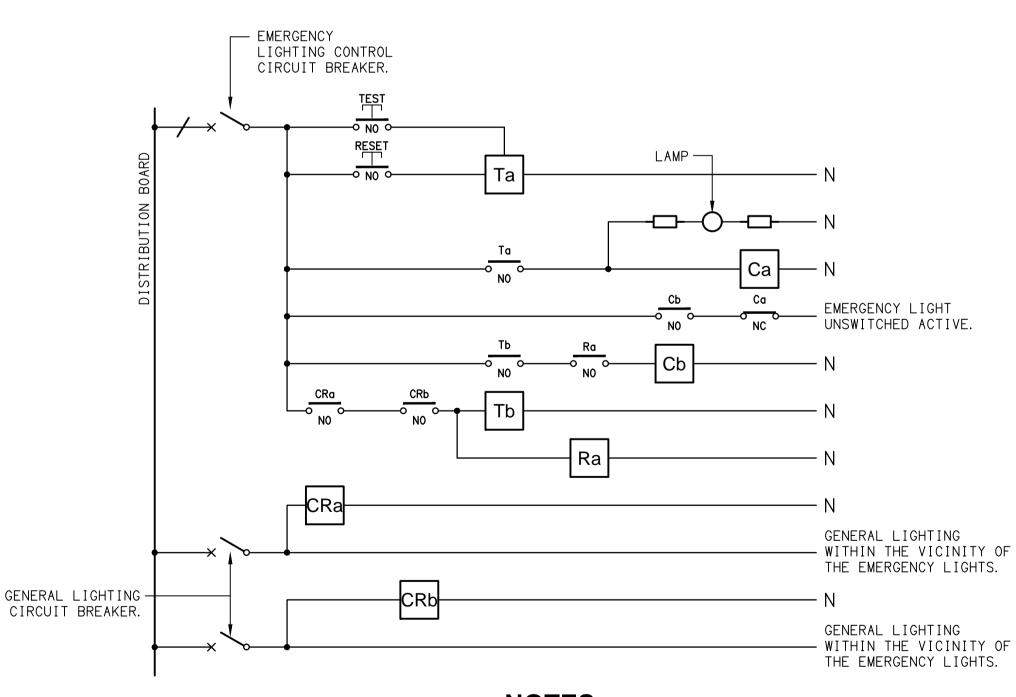
Ta - ADJUSTABLE 0-3 HOUR TIMED RELAY.

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

Cx - CONTACTOR x.

CRx - CONTROL RELAY x.

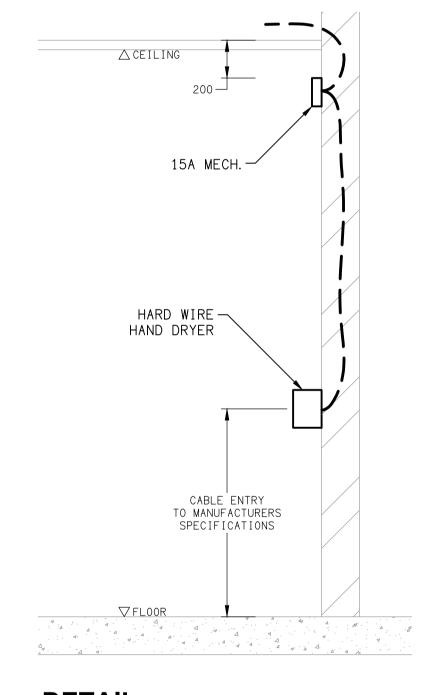
Rx - RELAY x.



# **NOTES**

1. THE EMERGENCY LIGHT UNSWITCHED ACTIVE / GENERAL LIGHTING SWITCHED ACTIVE CIRCUIT ARRANGEMENT AND CONTROL IS TYPICAL FOR ALL CIRCUITS SUPPLYING EMERGENCY LIGHTS.

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



# **DETAIL**

HAND DRYER CONNECTION NOT TO SCALE

# **SCHEMATIC**

**EMERGENCY LIGHTING** 

2. PROVIDE ADDITIONAL CONTROL RELAYS (CRx) CONFIGURED AS

**ELECTRICAL DESIGN GROUP BRISBANE** PTY LTD ACN 092 710 793

TRADING AS:

**ELECTRICAL DESIGN GROUP** 

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**ELECTRICAL DESIGN GROUP** 

NOT TO SCALE

CONSULTANTS ELECTRICAL BUILDING SERVICES BRISBANE **GOLD COAST**  LLEWELLYN MOTORS SPRINGFIELD - LOT 34

| ELECTRICAL SERVICES **LEGEND & DETAILS** 

B | 50% DEVELOPED

REV: DESCRIPTION:

NOT TO SCALE AT A1

LOT 34 AUGUSTA PARKWAY, AUGUSTINE HEIGHTS

C3396a E01

REVISION: B

28/11/2024

DATE:

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