LEGEND LEGEND ELECTRICAL SERVICES SWITCHBOARD. REFER TO DETAIL NOTED FOR THE AREA SHOWN HATCHED. ADDITIONAL OUTLETS & FITTINGS MAY BE SHOWN ON DETAIL. SWITCHBOARD / CONTROL PANEL NOT PROVIDED E1 € E1: RECESSED GENERAL LED EMERGENCY LIGHT. AS PART OF THE ELECTRICAL SUBCONTRACT. E2: SURFACE MOUNTED GENERAL LED EMERGENCY LIGHT. SINGLE POWER OUTLET. EX: EMERGENCY LED EXIT LIGHT. DOUBLE POWER OUTLET. Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK. SPECIAL PURPOSE POWER OUTLET. TYPE AS NOTED. CABLE ACCESS, TYPE AS NOTED. L1: 600 x 600 SURFACE LED FLAT PANEL. SINGLE PHASE ISOLATOR. L2 C L2: SURFACE MOUNTED CAN DOWNLIGHT. THREE PHASE ISOLATOR. L3: RECESSED DOWNLIGHT. CONDUIT ROUTE. L4: 1200 LONG SURFACE MOUNTED IP65 BATTEN C/W PRESENCE DETECTOR. ELECTRICAL PIT, TYPE AS NOTED. L5: 1200 LONG SURFACE MOUNTED IP65 BATTEN C/W PRESENCE DETECTOR. ONE-WAY LIGHT SWITCH. L6: WALL MOUNTED AREA LIGHT. TWO-WAY LIGHT SWITCH. L7: LINK WALL LIGHT. CIRCUIT LINE. L8 O L8: SURFACE MOUNTED CAN DOWNLIGHT. SWITCH LINE. POWER CIRCUIT DESIGNATION. DB-x - Py DENOTES DB AND CIRCUIT. ELECTRICAL EQUIPMENT AS NOTED. OUTLET MOUNTED WITHIN RECESS KIT. **EQUIPMENT:** CAT-6 UTP RJ45 COMMUNICATIONS OUTLET. CAT-6 STP RJ45 COMMUNICATIONS OUTLET. SUPPLY AUTHORITY METER. MULTI FUNCTION METER FUSE. SINGLE PHASE. CURRENT TRANSFORMER C/W REMOVABLE LINK. FUSE LINK. COMBINED FUSE SWITCH. × CIRCUIT BREAKER. **NOTE** ALL ELECTRICAL PENETRATIONS THROUGH THE ROOF SHEETING ARE TO BE IN LINE WITH THE STRUCTURAL RESIDUAL CURRENT DEVICE. OR MECHANICAL SERVICES PENETRATIONS TO AVOID DEDICATED FLASHINGS FOR THE ELECTRICAL SERVICES. CONTACTOR - NORMALLY OPEN. CONTACTOR - NORMALLY CLOSED. PAIR 2 PAIR 3 PAIR 4 PAIR 1 WH/GN GN WH/OG BU WH/BU OG WH/BN BN **SCHEMATIC RJ45 PINOUT CONFIGURATION** NOT TO SCALE **ELECTRICAL DESIGN GROUP ELECTRICAL DESIGN GROUP BRISBANE** THE COPYRIGHT OF THIS DRAWING REMAINS THE PROPERTY OF THE PTY LTD ACN 092 710 793 ELECTRICAL DESIGN GROUP. CONSULTANTS ELECTRICAL BUILDING SERVICES

TRADING AS:

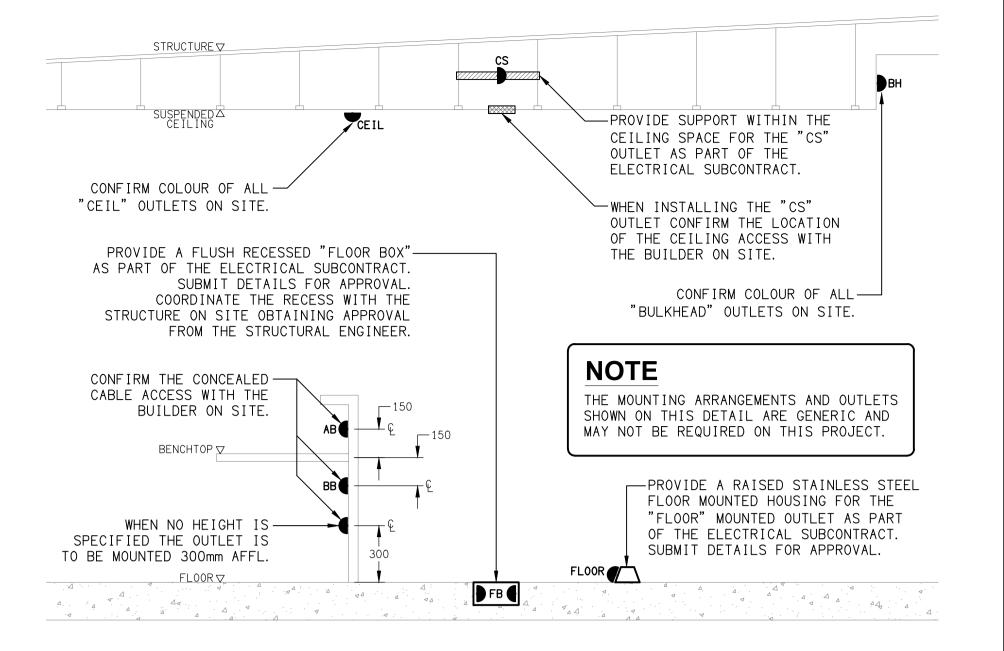
ELECTRICAL DESIGN GROUP

USE FIGURED DIMENSIONS

IN PREFERENCE TO SCALE.

ALL DIMENSIONS TO BE

VERIFIED ONSITE.



TYPICAL OUTLET MOUNTINGS

DETAIL

NOT TO SCALE

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.

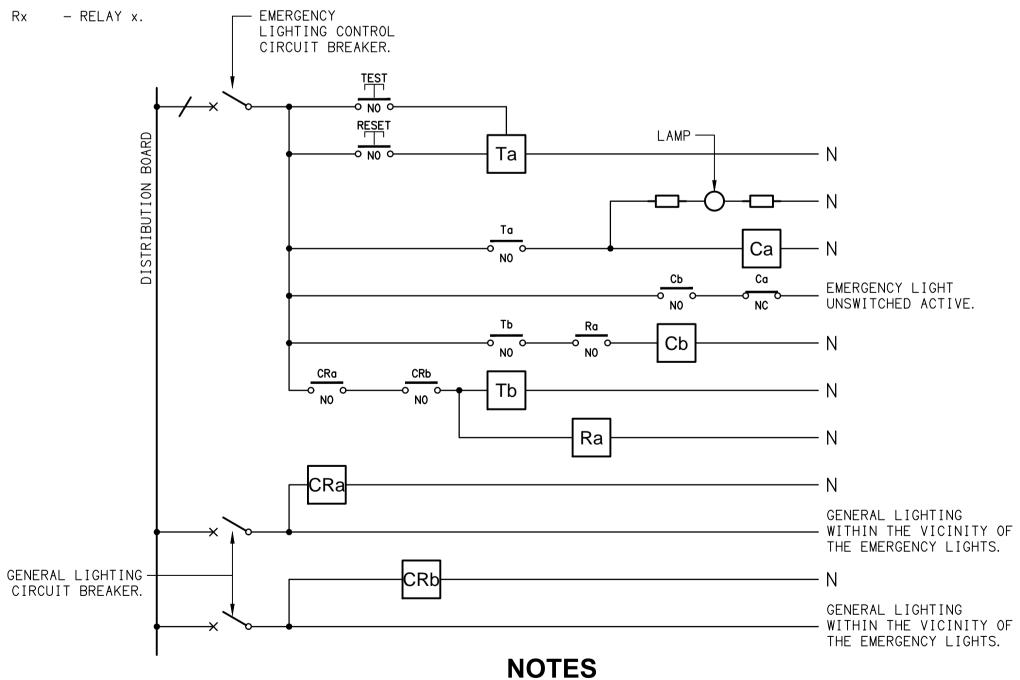
BRISBANE

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

SCHEMATIC EMERGENCY LIGHTING NOT TO SCALE

GOLD COAST

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.

	В	CONSTRUCTION			14/08/2025
	REV:	DESCRIPTION:			DATE:
KINGS CHRISTIAN COLLEGE PIMPAMA, SENIOR SCHOOL - PIM23	EL	ELECTRICAL SERVICES LEGEND & DETAILS			
198 PIMPAMA JACOBS WELL ROAD, PIMPAMA, QUEENSLAND	SCALE:	TO SCALE AT A1	PROJECT NO: C3605a	E01	REVISION: