LEGEND LEGEND PAIR 2 **EQUIPMENT:** ELECTRICAL SERVICES SWITCHBOARD. RETAIL METER. TEST - TEST PUSH BUTTON MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON. PAIR 4 PAIR 3 PAIR 1 SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF PRIVATE MULTI FUNCTION METER. RESET - RESET PUSH BUTTON MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON. THE ELECTRICAL SUBCONTRACT. LAMP - AMBER TEST INDICATING LAMP MOUNTED ON THE DISTRIBUTION BOARD SOLAR NEWTWORK PROTECTION CTs. WH/GN GN WH/OG BU WH/BU OG WH/BN BN ESCUTCHEON. SINGLE POWER OUTLET. Ta - ADJUSTABLE 0-3 HOUR TIMED RELAY. SOLAR NETWORK PROTECTION SMART METER (WIRELESS). DOUBLE POWER OUTLET. - 15 MINUTE RUN-ON TIMER TO OPERATE UPON THE RETURN OF MAINS POWER. SOLAR NETWORK PROTECTION WIRELESS TRANSCEIVER. SPECIAL PURPOSE POWER OUTLET. Cx - CONTACTOR x.**SCHEMATIC** SOLAR NETWORK PROTECTION GRID SIGNALLING DEVICE. CRx - CONTROL RELAY x. CABLE ACCESS, TYPE AS NOTED. **RJ45 PINOUT CONFIGURATION** Rx - RELAY x. NOT TO SCALE SOLAR NETWORK PROTECTION RELAY WIRELESS. SINGLE PHASE ISOLATOR. EMERGENCY MANUAL TRANSFER SWITCH. LIGHTING CONTROL THREE PHASE ISOLATOR. CIRCUIT BREAKER. E1: RECESSED LED EMERGENCY LIGHT, WHITE. JUNCTION BOX AS NOTED. △ CEILING E2: CUSTOM SURFACE CAN MOUNTED LED EMERGENCY LIGHT, BLACK. ELECTRICAL CABLE TRAY, TYPE AS NOTED. LAMP — E3: ACCOUSTIC PANEL RECESSED LED EMERGENCY LIGHT, WHITE. E4 € E4: SURFACE LED EMERGENCY LIGHT, WHITE. 15A MECH. x DENOTES CONDUIT TYPE. E5 € E5: RECESSED LED EMERGENCY LIGHT, BLACK. ELECTRICAL PIT, TYPE AS NOTED. EMERGENCY LIGHT EX: EMERGENCY LED EXIT LIGHT, WHITE. UNSWITCHED ACTIVE. HAND DRYER CONNECTION. Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK. EMERGENCY POWER SHUT OFF. TYPE AS NOTED. HARD WIRE HAND DRYER LIGHTING PRESENCE DETECTOR SWITCH. L1: SURFACE TUBE LIGHT, CUSTOM DROP LENGTH. ONE-WAY LIGHT SWITCH. L2: ROD SUSPENDED EXTRUSION LIGHT, LENGTH AS NOTED. ONE-WAY DIMMER LIGHT SWITCH. L3: ROD SUSPENDED EXTRUSION LIGHT, 1000 LONG. GENERAL LIGHTING WITHIN THE VICINITY OF TWO-WAY LIGHT SWITCH. L4: ROD SUSPENDED EXTRUSION LIGHT, 1000 LONG. THE EMERGENCY LIGHTS. CABLE ENTRY TO MANUFACTURERS GENERAL LIGHTING -SPECIFICATIONS LIGHTING SWITCHPANEL, TYPE x. L5: SURFACE EXTRUSION LIGHT, 2000 LONG. CIRCUIT BREAKER. GENERAL LIGHTING WITHIN THE VICINITY OF CIRCUIT LINE. L6: RECESSED DOWNLIGHT. THE EMERGENCY LIGHTS. ▽ FLOOR SWITCH LINE. L7: SURFACE EXTRUSION LIGHT, 5000 LONG. **NOTES** 1. THE EMERGENCY LIGHT UNSWITCHED ACTIVE / GENERAL LIGHTING POWER CIRCUIT DESIGNATION. L8: 600 x 600 SURFACE MOUNTED FLAT PLATE FITTING. DB-x - Py SWITCHED ACTIVE CIRCUIT ARRANGEMENT AND CONTROL IS TYPICAL DENOTES DB AND CIRCUIT. **DETAIL** FOR ALL CIRCUITS SUPPLYING EMERGENCY LIGHTS. **SCHEMATIC** L9: 300 x 1200 SURFACE MOUNTED FLAT PLATE FITTING. HAND DRYER CONNECTION ELECTRICAL EQUIPMENT AS NOTED. 2. PROVIDE ADDITIONAL CONTROL RELAYS (CRx) CONFIGURED AS **EMERGENCY LIGHTING** PER CRa AND CRb FOR ALL ADDITIONAL LIGHTING CIRCUITS THAT NOT TO SCALE SUPPLY LIGHTS IN THE VICINITY OF THE EMERGENCY LIGHTS. L10: 600 x 600 SURFACE MOUNTED FLAT PLATE FITTING, DIMMABLE. RK OUTLET MOUNTED WITHIN RECESS KIT. L11: RECESSED DOWNLIGHT. ▼ RJ45 COMMUNICATIONS OUTLET. L12: 600 x 600 RECESSED FLAT PLATE FITTING. STRUCTURE FIRE INDICATOR PANEL. L13: RECESSED DOWNLIGHT. REFER TO DETAIL NOTED FOR THE AREA SHOWN HATCHED. ADDITIONAL OUTLETS & FITTINGS MAY BE SHOWN ON DETAIL. PROVIDE SUPPORT WITHIN THE L14O L14: RECESSED DOWNLIGHT. CEILING SPACE FOR THE "CS" OUTLET AS PART OF THE GAS CONTROL POWER SUPPLY. ELECTRICAL SUBCONTRACT. L15: 1200 LONG SURFACE IP65 BATTEN C/W PRESENCE SENSOR. CONFIRM COLOUR OF ALL-"CEIL" OUTLETS ON SITE. FUSE. -WHEN INSTALLING THE "CS" OUTLET CONFIRM THE LOCATION 600 LONG SURFACE IP65 BATTEN. 5mm HIGH BLACK -OF THE CEILING ACCESS WITH SINGLE PHASE. PROVIDE A FLUSH RECESSED "FLOOR BOX"-ENGRAVED TEXT. THE BUILDER ON SITE. AS PART OF THE ELECTRICAL SUBCONTRACT. L17: RECESSED DOWNLIGHT. PRÈSS FOR SUBMIT DETAILS FOR APPROVAL. EMERGENCY CONFIRM COLOUR OF ALL THREE PHASE. 10mm HIGH RED-COORDINATE THE RECESS WITH THE "BULKHEAD" OUTLETS ON SITE. L18O L18: SURFACE DOWNLIGHT. ENGRAVED TEXT. STRUCTURE ON SITE OBTAINING APPROVAL *POWER SHUT OFF FROM THE STRUCTURAL ENGINEER. CURRENT TRANSFORMER C/W REMOVABLE LINK. L19: SURFACE DARK ROOM SAFE LIGHT. **NOTE** CONFIRM THE CONCEALED -FUSE LINK. CABLE ACCESS WITH THE THE MOUNTING ARRANGEMENTS AND OUTLETS L20: WALL MOUNTED DARK ROOM SAFE LIGHT. BUILDER ON SITE. STAINLESS STEEL -SHOWN ON THIS DETAIL ARE GENERIC AND FACEPLATE. MAY NOT BE REQUIRED ON THIS PROJECT. COMBINED FUSE SWITCH BENCHTOP 🔽 L21: 1200 LONG SURFACE IP65 BATTEN. CIRCUIT BREAKER. L22 8 6m HIGH POLE WITH TWO ADJUSTABLE IP65 LIGHT FITTINGS. FLOOR MOUNTED HOUSING FOR THE "FLOOR" MOUNTED OUTLET AS PART WHEN NO HEIGHT IS -40mm DIA RED-OF THE ELECTRICAL SUBCONTRACT. SPECIFIED THE OUTLET IS L23: WALL MOUNTED AT RL 28.200 ADJUSTABLE IP65 FLOOD LIGHT. LATCHING MUSHROOM SUBMIT DETAILS FOR APPROVAL. TO BE MOUNTED 300mm AFFL. PUSH BUTTON. FLOOR RESIDUAL CURRENT DEVICE. SCHNEIDER L24: JOINERY LED STRIP LIGHT. FB Z B4BS 54 C/W Z B4BZ 102 CONTACTOR - NORMALLY OPEN. CEILING FEATURE RECESSED LED EXTRUSION. **DETAIL** CONTACTOR - NORMALLY CLOSED. **DETAIL** L26 L26: JOINERY RECESSED DOWNLIGHT. TYPICAL OUTLET MOUNTINGS **EMERGENCY POWER SHUT OFF (ESO)** $\sim\sim\sim\sim\sim\sim$ NOT TO SCALE NOT TO SCALE L27O L27: RECESSED DOWNLIGHT, BLACK. F | CONSTRUCTION 03/07/2025 REV: DESCRIPTION: DATE: **ELECTRICAL DESIGN GROUP ELECTRICAL DESIGN GROUP BRISBANE** THE COPYRIGHT OF THIS DRAWING KINGS CHRISTIAN COLLEGE **ELECTRICAL SERVICES** REMAINS THE PROPERTY OF THE ELECTRICAL DESIGN GROUP. ACN 092 710 793 ELECTRICAL BUILDING SERVICES CONSULTANTS **LEGEND & DETAILS** CHAMBERS FLAT, MIDDLE SCHOOL CHA10 TRADING AS: USE FIGURED DIMENSIONS BRISBANE **GOLD COAST ELECTRICAL DESIGN GROUP** IN PREFERENCE TO SCALE. P.O.Box 15, Sherwood Q.4075 ALL DIMENSIONS TO BE REVISION: Phone: (07) 3278 4375 VERIFIED ONSITE. C3232a E01 Email: brisbane@edg.net.au 38-112 ANZAC AVENUE, CHAMBERS FLAT NOT TO SCALE AT A1

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