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 WH/GN GN WH/OG BU WH/BU OG WH/BN BN ESCUTCHEON. SOLAR NEWTWORK PROTECTION CTs. SINGLE POWER OUTLET. Ta - ADJUSTABLE 0-3 HOUR TIMED RELAY. SOLAR NETWORK PROTECTION SMART METER (WIRELESS). - 15 MINUTE RUN-ON TIMER TO OPERATE UPON THE RETURN OF MAINS POWER. DOUBLE POWER OUTLET. Cx - CONTACTOR x. SOLAR NETWORK PROTECTION WIRELESS TRANSCEIVER. SPECIAL PURPOSE POWER OUTLET. **SCHEMATIC** CRx - CONTROL RELAY x. SOLAR NETWORK PROTECTION GRID SIGNALLING DEVICE. RJ45 PINOUT CONFIGURATION Rx - RELAY x. CABLE ACCESS, TYPE AS NOTED. NOT TO SCALE SOLAR NETWORK PROTECTION RELAY WIRELESS. SINGLE PHASE ISOLATOR. **EMERGENCY** LIGHTING CONTROL MANUAL TRANSFER SWITCH. CIRCUIT BREAKER. THREE PHASE ISOLATOR. E1: RECESSED LED EMERGENCY LIGHT, WHITE. JUNCTION BOX AS NOTED. LAMP — E2: CUSTOM SURFACE CAN MOUNTED LED EMERGENCY LIGHT, WHITE. ELECTRICAL CABLE TRAY, TYPE AS NOTED. E3: ACCOUSTIC PANEL RECESSED LED EMERGENCY LIGHT, WHITE. 15A MECH. E4: SURFACE LED EMERGENCY LIGHT, WHITE. x DENOTES CONDUIT TYPE. EX: EMERGENCY LED EXIT LIGHT, WHITE. EMERGENCY LIGHT ELECTRICAL PIT, TYPE AS NOTED. UNSWITCHED ACTIVE. Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK. HAND DRYER CONNECTION. TYPE AS NOTED. HARD WIRE -HAND DRYER EMERGENCY POWER SHUT OFF. L1: SURFACE TUBE LIGHT, CUSTOM DROP LENGTH. LIGHTING PRESENCE DETECTOR SWITCH. L2: ROD SUSPENDED EXTRUSION LIGHT, LENGTH AS NOTED. ONE-WAY LIGHT SWITCH. L3: ROD SUSPENDED EXTRUSION LIGHT, 1000 LONG. GENERAL LIGHTING WITHIN THE VICINITY OF ONE-WAY DIMMER LIGHT SWITCH. L4: ROD SUSPENDED EXTRUSION LIGHT, 1000 LONG. THE EMERGENCY LIGHTS. CABLE ENTRY TO MANUFACTURERS GENERAL LIGHTING SPECIFICATIONS TWO-WAY LIGHT SWITCH. L5: SURFACE EXTRUSION LIGHT, 2000 LONG. CIRCUIT BREAKER. GENERAL LIGHTING WITHIN THE VICINITY OF LIGHTING SWITCHPANEL, TYPE x. L6: RECESSED DOWNLIGHT. THE EMERGENCY LIGHTS. ▽ FLOOR CIRCUIT LINE. L7: SURFACE EXTRUSION LIGHT, 5000 LONG. **NOTES** 1. THE EMERGENCY LIGHT UNSWITCHED ACTIVE / GENERAL LIGHTING SWITCH LINE. L8: 600 x 600 SURFACE MOUNTED FLAT PLATE FITTING. SWITCHED ACTIVE CIRCUIT ARRANGEMENT AND CONTROL IS TYPICAL **DETAIL** FOR ALL CIRCUITS SUPPLYING EMERGENCY LIGHTS. **SCHEMATIC** POWER CIRCUIT DESIGNATION. L9: 300 x 1200 SURFACE MOUNTED FLAT PLATE FITTING. DB-x - Py HAND DRYER CONNECTION 2. PROVIDE ADDITIONAL CONTROL RELAYS (CRx) CONFIGURED AS EMERGENCY LIGHTING NOT TO SCALE 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. ELECTRICAL EQUIPMENT AS NOTED. L11: RECESSED DOWNLIGHT. OUTLET MOUNTED WITHIN RECESS KIT. L12: 600 x 600 RECESSED FLAT PLATE FITTING. STRUCTURE ▼ RJ45 COMMUNICATIONS OUTLET. L13O L13: RECESSED DOWNLIGHT. REFER TO DETAIL NOTED FOR THE AREA SHOWN HATCHED. PROVIDE SUPPORT WITHIN THE ADDITIONAL OUTLETS & FITTINGS MAY BE SHOWN ON DETAIL. CEILING SPACE FOR THE "CS" L14: RECESSED DOWNLIGHT. OUTLET AS PART OF THE ELECTRICAL SUBCONTRACT. GAS CONTROL POWER SUPPLY. CONFIRM COLOUR OF ALL-L15: 1200 LONG SURFACE IP65 BATTEN C/W PRESENCE SENSOR. "CEIL" OUTLETS ON SITE. -WHEN INSTALLING THE "CS" OUTLET CONFIRM THE LOCATION L16: 600 LONG SURFACE IP65 BATTEN OF THE CEILING ACCESS WITH 5mm HIGH BLACK -PROVIDE A FLUSH RECESSED "FLOOR BOX"-ENGRAVED TEXT. THE BUILDER ON SITE. SINGLE PHASE. AS PART OF THE ELECTRICAL SUBCONTRACT. PRÈSS FOR SUBMIT DETAILS FOR APPROVAL. L17O L17: RECESSED DOWNLIGHT. EMERGENCY CONFIRM COLOUR OF ALL 10mm HIGH RED-COORDINATE THE RECESS WITH THE "BULKHEAD" OUTLETS ON SITE. ENGRAVED TEXT. STRUCTURE ON SITE OBTAINING APPROVAL *POWER SHUT OFF FROM THE STRUCTURAL ENGINEER. L18: SURFACE DOWNLIGHT. CURRENT TRANSFORMER C/W REMOVABLE LINK. NOTE L19: SURFACE DARK ROOM SAFE LIGHT. CONFIRM THE CONCEALED -CABLE ACCESS WITH THE THE MOUNTING ARRANGEMENTS AND OUTLETS FUSE LINK. BUILDER ON SITE. STAINLESS STEEL -SHOWN ON THIS DETAIL ARE GENERIC AND L20: WALL MOUNTED DARK ROOM SAFE LIGHT. FACEPLATE. MAY NOT BE REQUIRED ON THIS PROJECT. BENCHTOP 🔽 COMBINED FUSE SWITCH. L21: 1200 LONG SURFACE IP65 BATTEN. FLOOR MOUNTED HOUSING FOR THE CIRCUIT BREAKER. "FLOOR" MOUNTED OUTLET AS PART L22: 6m HIGH POLE WITH TWO ADJUSTABLE IP65 LIGHT FITTINGS. WHEN NO HEIGHT IS -40mm DIA RED-OF THE ELECTRICAL SUBCONTRACT. SPECIFIED THE OUTLET IS LATCHING MUSHROOM SUBMIT DETAILS FOR APPROVAL. TO BE MOUNTED 300mm AFFL. PUSH BUTTON. L23: WALL MOUNTED AT RL 28.200 ADJUSTABLE IP65 FLOOD LIGHT. FLOOR SCHNEIDER FB Z B4BS 54 C/W RESIDUAL CURRENT DEVICE. Z B4BZ 102 L24: JOINERY LED STRIP LIGHT. CONTACTOR - NORMALLY OPEN. **DETAIL** CEILING FEATURE RECESSED LED EXTRUSION. **DETAIL** CONTACTOR - NORMALLY CLOSED. TYPICAL OUTLET MOUNTINGS **EMERGENCY POWER SHUT OFF (ESO)** L26 L26: JOINERY RECESSED DOWNLIGHT. NOT TO SCALE NOT TO SCALE E | CONSTRUCTION 15/04/2025 REV: DESCRIPTION: DATE: **ELECTRICAL DESIGN GROUP** THE COPYRIGHT OF THIS DRAWING **ELECTRICAL DESIGN GROUP BRISBANE** KINGS CHRISTIAN COLLEGE **ELECTRICAL SERVICES** REMAINS THE PROPERTY OF THE ACN 092 710 793 ELECTRICAL DESIGN GROUP. ELECTRICAL BUILDING SERVICES CONSULTANTS **LEGEND & DETAILS** CHAMBERS FLAT, MIDDLE SCHOOL CHA10 USE FIGURED DIMENSIONS **GOLD COAST** BRISBANE **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. E C3232a E01 Email: brisbane@edg.net.au 38-112 ANZAC AVENUE, CHAMBERS FLAT NOT TO SCALE AT A1