



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3602a - METROPOLE HOTEL, PROSERPINE - LIQUOR WAREHOUSE

C3602a-0001(A).xls

ELECTRICAL SERVICES CONTRACT DOCUMENT SCHEDULE

REVISION A - 15 AUGUST 2025

| ISSUING INFORMATION   |  |  |  | DATE OF ISSUE |    |  |  |  |  |  |  |  |  |
|---|--|--|--|---------------|----|--|--|--|--|--|--|--|--|
|   |  |  |  | DAY           | 15 |  |  |  |  |  |  |  |  |
|   |  |  |  | MONTH         | 08 |  |  |  |  |  |  |  |  |
|   |  |  |  | YEAR          | 25 |  |  |  |  |  |  |  |  |
| REASON FOR ISSUE  |  |  |  | A             |    |  |  |  |  |  |  |  |  |
| A = APPROVAL C = CONSTRUCTION N = COORDINATION P = PRELIMINARY T = TENDER |  |  |  |               |    |  |  |  |  |  |  |  |  |

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| P = PRINT T = TRACING D = DISC E = EMAIL F = FAX |  |  |  |                  |  |  |  |  |  |  |  |  |  |

| DOCUMENTS       |                            |  |  | REVISION |  |  |  |  |  |  |  |  |  |
|-----------------|----------------------------|--|--|----------|--|--|--|--|--|--|--|--|--|
| C3602a-E01.dwg  | LEGEND & NOTES             |  |  | A        |  |  |  |  |  |  |  |  |  |
| C3602a-E02.dwg  | FLOOR & RCP                |  |  | A        |  |  |  |  |  |  |  |  |  |
| C3602a-0001.xls | CONTRACT DOCUMENT SCHEDULE |  |  | A        |  |  |  |  |  |  |  |  |  |
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NOTES

1. EXTENT OF WORKS

THE ELECTRICAL SERVICES SUB-CONTRACT INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:

- SUPPLY AND INSTALLATION OF ALL COMPONENTS FORMING PART OF THE ELECTRICAL SERVICES.
- CO-ORDINATION.
- INSPECTIONS.
- TESTING AND COMMISSIONING.
- MAINTENANCE.
- CABLING, CABLE SUPPORT SYSTEMS AND ACCESS.
- POWER DISTRIBUTION.
- LIGHTING.
- ADJUST THE EXISTING BRIGADE MONITORED AS1670.1 COMPLIANT FIRE DETECTION AND ALARM SYSTEM IN ACCORDANCE WITH AS1670.1 TO ACCOMMODATE THE PROPOSED WORKS.
- REMOVAL, PROTECTION, MODIFICATION AND REINSTATEMENT OF THE FOLLOWING SERVICES AS NECESSARY TO FACILITATE THE BUILDING WORKS AS DETAILED ON THE ARCHITECTURAL AND STRUCTURAL DOCUMENTS:
  - COMMUNICATIONS CABLING.
  - FIRE ALARM AND DETECTION SERVICES THAT ARE NOT NOTED AS BEING MODIFIED.
  - LIGHTING SERVICES THAT ARE NOT NOTED AS BEING REMOVED.
  - POWER SERVICES THAT ARE NOT NOTED AS BEING REMOVED.
- ALL MINOR COMPONENTS AND INCIDENTAL WORKS NOT SPECIFICALLY REFERRED TO, HOWEVER NECESSARY TO COMPLETE THE ELECTRICAL SERVICES INSTALLATION SUCH THAT IT IS HANDED OVER COMPLETE, OPERATIONAL AND FIT FOR THE INTENDED USE.

PRIOR TO COMMENCING WORK CONSULT SITE MANAGEMENT FOR ANY HAZARDOUS MATERIAL AND OR ASBESTOS REGISTERS AS WELL AS UNDERTAKE A THOROUGH INSPECTION OF THE SITE TO IDENTIFY ANY POTENTIAL HAZARDOUS MATERIALS, ASBESTOS AND HEALTH OR SAFETY RISKS. ADVISE THE CONTRACTOR OF ANY POTENTIAL HAZARDOUS MATERIALS, ASBESTOS AND HEALTH OR SAFETY RISKS IF IDENTIFIED AND DO NOT COMMENCE WORK UNTIL AN APPROPRIATE MANAGEMENT PLAN HAS BEEN DEVELOPED AND AGREED TO BY ALL PARTIES.

SUPPLY ALL LABOUR, MATERIALS, EQUIPMENT, AND ALL OTHER ITEMS, WHETHER MENTIONED IN DETAIL OR NOT, REQUIRED FOR THE SATISFACTORY COMPLETION OF THE ELECTRICAL SERVICES INSTALLATION, LEAVING IN FULL WORKING ORDER TO THE SATISFACTION OF THE PROJECT MANAGER.

ACCEPT FULL RESPONSIBILITY FOR LIASING, ARRANGING AND CO-ORDINATION ALL WORKS THAT HAVE AN EFFECT ON OR WILL BE AFFECTED BY THE ELECTRICAL SERVICES.

REMOVE ALL OF THE EXISTING ELECTRICAL SERVICES THAT BECOME REDUNDANT DUE TO THE WORKS.

2. WORKMANSHIP

ENSURE THAT THE WORK IS PERFORMED BY THE HOLDER OF A CURRENT ELECTRICAL SUB CONTRACTOR LICENSE. ENSURE THE INSTALLATION AND ALL COMPONENTS, FIXTURES, FITTINGS, OUTLETS AND CABLES ARE SUPPLIED AND INSTALLED TO A HIGH STANDARD THROUGHOUT, AND INSTALLED IN A NEAT AND TRADESMAN LIKE MANNER, TO THE CURRENT INDUSTRY STANDARDS. ENSURE ALL MATERIALS AND COMPONENTS OF A SIMILAR TYPE ARE OF THE SAME MANUFACTURER AND INSTALLED IN A UNIFORM MANNER.

IT IS THE ELECTRICAL SUB CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE INSTALLATION IS FIT FOR PURPOSE AND IS PROVIDED AS A COMPLETE WORKING INSTALLATION. IT IS THE ELECTRICAL SUB CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL COMPONENTS, FITTINGS, FIXTURES, SYSTEMS, PROGRAMMING ETC IRRESPECTIVE OF THE LEVEL DETAILED IN THE DOCUMENTS SUCH THAT THE INSTALLATION IS PROVIDED AS A COMPLETE WORKING INSTALLATION.

CONCEAL ALL WIRING AND CONDUITS. EXPOSED CABLING OR CONDUITS ARE GENERALLY NOT ACCEPTABLE. IT IS NOTED THAT CHASING AND REINSTATEMENT WILL BE REQUIRED. ENSURE ALL COMPONENTS, EQUIPMENT AND MATERIALS SUPPLIED ARE NEW, UNUSED, DESIGNED AND SELECTED TO ENSURE SATISFACTORY OPERATION UNDER VARYING ATMOSPHERIC, CLIMATIC, HUMID TROPICAL CONDITIONS WITHOUT DISTORTION AND DETERIORATION IN ANY PART AFFECTING EFFICIENCY AND RELIABILITY OF THE SYSTEMS. DESIGN AND SELECT ALL EQUIPMENT TO PROVIDE THE NECESSARY SAFETY TO HUMAN LIFE AND PROPERTY DURING OPERATION AND MAINTENANCE WITH PARTICULAR ATTENTION GIVEN TO ELECTRICAL SAFETY AND SEGREGATION PRECAUTIONS.

CHECK THE FINISHED PAINTWORK AROUND THE AREA OF EACH INSTALLATION AND TOUCH UP ALL DAMAGED PARTS AND FINISHES AFTER THE INSTALLATION OF THE ELECTRICAL SERVICES.

ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE BUILDER'S PROGRAM. ENSURE ALL FINAL LOCATIONS OF OUTLETS AND FITTINGS ARE CO-ORDINATED ONSITE WITH THE ARCHITECT AND ALL OTHER SERVICES, TO THE APPROVAL OF THE PROJECT MANAGER. ALLOW TO CO-ORDINATE THE FINAL LOCATION OF ALL EQUIPMENT, FITTINGS, & OUTLETS, SUCH THAT THEY ARE INSTALLED IN ACCORDANCE WITH THE AS3000 RESTRICTED ZONES, AND ARE NOT COVERED INAPPROPRIATELY.

ENSURE THAT ALL METAL SURFACES ARE SUITABLY PROTECTED AGAINST CORROSION, AND THAT ALL PLASTIC MATERIALS ARE UV STABILISED.

PROVIDE ALL MATERIALS AS NEW, AND OF THE HIGHEST CLASS AVAILABLE FOR THEIR RESPECTIVE TYPES. ENSURE ALL ASPECTS OF THE WORK ARE OF A HIGH STANDARD THROUGHOUT, AND INSTALLED IN A NEAT AND TRADESMAN LIKE MANNER, TO THE CURRENT INDUSTRY STANDARDS.

3. STANDARDS

IRRESPECTIVE OF INFORMATION CONTAINED IN THE ELECTRICAL SERVICES DOCUMENTS OR IN INSTRUCTIONS, IT IS THE ELECTRICAL SUB CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL ELECTRICAL SERVICES WORKS ARE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FOLLOWING. REFER ANY DISCREPANCIES BETWEEN THE REQUIREMENTS OF THE FOLLOWING AND/OR THE ELECTRICAL SERVICES DOCUMENTS AND INSTRUCTIONS TO THE ARCHITECT FOR CLARIFICATION PRIOR TO THE PLACING OF ORDERS, FABRICATION OR INSTALLATION OF THE ITEMS/METHODS IN DISCREPANCY.

- NCC BUILDING CODE OF AUSTRALIA.
- ELECTRICITY ACT.
- ELECTRICAL SAFETY ACT.
- AS/NZS3000.
- AS3008.
- AS1670.1.
- WORKPLACE HEALTH AND SAFETY ACT.
- TELECOMMUNICATIONS ACT.
- ACMA REQUIREMENTS.

4. AUTHORITIES

ENSURE ALL OF THE ELECTRICAL SERVICES COMPLY WITH THE REQUIREMENTS OF ALL REGULATORY AUTHORITIES HAVING JURISDICTION OVER THE SITE INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

- ACMA.
- LOCAL COUNCIL.
- LOCAL SUPPLY AUTHORITY.
- STATE GOVERNMENT DEPARTMENT OF ENVIRONMENT AND HERITAGE.
- QLD GOVERNMENT DIVISION OF WORKPLACE, HEALTH AND SAFETY.
- QLD FIRE AND RESCUE AUTHORITY.

5. CABLES

UNLESS OTHERWISE SPECIFIED, INSTALL AND TERMINATE CABLES IN ACCORDANCE WITH THE MANUFACTURERS' RECOMMENDATIONS. DETERMINE THE FINAL ROUTES TO SUIT THE BUILDING STRUCTURE AND SITE CONDITIONS. UNLESS NOTED OTHERWISE, PROVIDE ALL 240 VOLT POWER AND LIGHTING WIRING AS 2.5mm² TWIN & EARTH STRANDED COPPER CONDUCTORS, PVC INSULATED 0.6/1kV V75 GRADE TO AS3174, PROTECTED BY A 20 AMP CIRCUIT BREAKER. ALL CONDUIT AND FITTINGS TO BE RIGID UPVC TO AS2053, UNLESS NOTED OTHERWISE.

NOTES

6. POWER DISTRIBUTION

THE POWER DISTRIBUTION COMPONENT OF THIS CONTRACT INCLUDES REPLACING THE EXISTING MAIN SWITCHBOARD, RETAIL METERING AND ASSOCIATED LOAD CENTRES. THE EXISTING ERGON OVERHEAD SERVICE IS TO BE RECONNECTED WITH A NEW ERGON APPROVED CONNECTION BOX. NEW CONCEALED THREE PHASE 25MM² COPPER CONSUMERS MAINS ARE TO BE PROVIDED FROM THE CONNECTION BOX TO A NEW QECM-V4 COMPLIANT MSB. THE NEW MSB IS TO CONTAIN THE RETAIL METERING. PROVIDE A NEW CONCEALED THREE PHASE 25MM² COPPER 4C+E SUBMAIN FROM THE NEW MSB TO A NEW DISTRIBUTION BOARD DB-A PROTECTED BY A 80A CIRCUIT BREAKER. RESUPPLY ALL OF THE EXISTING MSB / LOAD CENTRE CIRCUITS THAT REMAIN FROM DB-A VIA NEW AS3000 COMPLIANT SWITCHGEAR AND CONTROLS THAT CONTAIN THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL SWITCHGEAR AND CONTROLS. PROVIDE THE NEW CIRCUITS FROM DB-A AS NOTED.

THE SOLAR PV SYSTEM WILL BE INSTALLED FROM THE INVERTERS OUTWARDS BY A SPECIALIST CONTRACTOR ENGAGED DIRECTLY BY THE BUILDING OWNER.

THE POWER DISTRIBUTION COMPONENT OF THIS CONTRACT INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING EXTENT OF WORK:

- POWER DISTRIBUTION.
- EARTHING.
- ERGON CONNECTION BOX.
- COORDINATION OF THE RECONNECTION OF THE ERGON SUPPLY AND THE RELOCATION / NEW RETAIL METERING.
- NEW CONSUMERS MAINS.
- NEW MSB.
- NEW SUBMAIN.
- NEW DB-A.
- REMOVAL OF EXISTING REDUNDANT ELECTRICAL SERVICES AND CABLING.
- CIRCUITS.
- ISOLATORS AND OUTLETS.
- TESTING AND COMMISSIONING.

PROVIDE THE NEW MSB / METER PANEL AS / WITH:

- SHOP DRAWINGS FOR APPROVAL.
- WALL MOUNTED.
- 316 STAINLESS STEEL.
- LIGHT GREY ENCLOSURE.
- WHITE ESCUTCHEONS WITH LIFT OFF HINGES AND 1/4 TURN LATCHES TO SECURE THE ESCUTCHEON THAT REMAIN PART OF THE ESCUTCHEON.
- IP66.
- BOTTOM ENTRY ONLY. THE TOP OF THE SWITCHBOARD IS TO BE WELDED SEALED WITHOUT ANY PENETRATIONS.
- DESIGN THE SWITCHBOARD TO OPERATE IN 40 DEG AMBIENT IN DIRECT SUMMER SUNLIGHT.
- ERGON PADLOCK LOCKABLE DOORS ON ALL CUBICLES.
- TWO ERGON PADLOCK KEYS.
- RETAIL METERING.

PROVIDE DISTRIBUTION BOARD DB-A AS FOLLOWS:

- WALL MOUNTED.
- IP44 FORM 1.
- LIGHT GREY ENCLOSURE WHITE ESCUTCHEON.
- 3 POINT 92288 KEY LOCKABLE FLUSH HANDLES ON ALL DOORS.
- LIFT OFF HINGES ON ALL DOORS AND ESCUTCHEONS.
- 1/4 TURN LATCHES AND D HANDLES ON ALL ESCUTCHEONS.
- ALL SWITCHGEAR TO BE SCHNEIDER OR NHP/ TERASAKI.
- PROVIDE SHOP DRAWINGS FOR APPROVAL.
- ALL COMPONENTS ARE TO BE LABELLED WITH NON-STICK LABELS.

REFER TO THE DISTRIBUTION BOARD DB-A SCHEDULE FOR ADDITIONAL DB-C REQUIREMENTS AND DETAILS OF THE DB-A CIRCUITS.

7. LIGHTING

REPLACE THE WAREHOUSE AND EXTERNAL LIGHTING AS NOTED. THE REMAINING LIGHTING IS TO BE RETAINED AND RECONNECTED AS IS.

THE LIGHTING INSTALLATION IS TO INCLUDE A (0-10V / DIGITAL) DIMMABLE LIGHTING CONTROL SYSTEM FOR THE WAREHOUSE LIGHTING WITH A LIGHT LEVEL SENSOR TO AUTOMATICALLY CONTROL THE WAREHOUSE LIGHTS TO ACHIEVE 800 LUX ACROSS THE DRIVEWAY DURING THE DAY AND 160 LUX ACROSS THE DRIVEWAY DURING THE NIGHT. THE REMAINDER OF THE WAREHOUSE IS TO BE ILLUMINATED TO 160 LUX AT ALL TIMES. THE CONTROLLERS ARE TO BE DIN RAIL MOUNTED WITHIN DB-A. PHASE CUT DIMMING AND DALI TO PHASE CUT CONVERTERS ARE NOT ACCEPTABLE. PROVIDE DETAILS OF THE LIGHTING CONTROL PROVIDE A MULTIGANG SWITCH PANEL TO SWITCH THE WAREHOUSE LIGHTING ON AND OFF.

THE EXTERNAL LIGHTING IS TO BE CONTROLLED VIA AUTOMATIC PE CELLS AND TIME CLOCKS AS PER THE DB-A SCHEDULE.

ALL OF THE LIGHT FITTINGS, AND ACCESSORIES ARE TO BE PROVIDED AS PART OF THIS CONTRACT. THE LIGHTING COMPONENT OF THIS CONTRACT INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING EXTENT OF WORK:

- LIGHTING.
- LIGHT FITTINGS AND ACCESSORIES.
- EARTHING OF THE LIGHTING INSTALLATION.
- DIMMABLE WAREHOUSE LIGHTING CONTROL.
- LIGHTING SUBCIRCUITS.
- TESTING AND COMMISSIONING.
- EMERGENCY AND EXIT LIGHTING.

PROVIDE A SINGLE POINT EMERGENCY LIGHTING SYSTEM THAT COMPLIES WITH THE LATEST ISSUE OF ALL PARTS AS2293 AND THE RELEVANT PARTS OF THE NCC BCA. INSTALL EMERGENCY LIGHT FITTINGS NOMINATED AS MAINTAINED WITH THE LAMP PERMANENTLY ON SUPPLIED VIA AN UNSWITCHED ACTIVE MAINS SUPPLY WHEN THE MAINS SUPPLY IS AVAILABLE. WHEN THE MAINS SUPPLY IS NOT AVAILABLE, THE LAMP IS TO REMAIN ON SUPPLIED BY THE EMERGENCY PACK. SINGLE LAMP MAINTAINED EMERGENCY LIGHTS ARE NOT SWITCHED WITH THE LOCAL GENERAL AREA LIGHTING. (THE LAMP IS ALWAYS ON.)

INSTALL EMERGENCY LIGHT FITTINGS NOMINATED AS NON-MAINTAINED WITH THE LAMP REMAINING OFF WHEN THE MAINS SUPPLY IS AVAILABLE. WHEN THE MAINS SUPPLY IS NOT AVAILABLE THE LAMP IS TO BE SWITCHED ON SUPPLIED BY THE EMERGENCY PACK. UNSWITCHED SINGLE LAMP NON-MAINTAINED EMERGENCY LIGHTS ARE NOT SWITCHED WITH THE LOCAL GENERAL AREA LIGHTING. (THE LAMP IS ON ONLY WHEN THE MAINS SUPPLY IS NOT AVAILABLE.) INSTALL EMERGENCY LIGHTS SUCH THAT THE STATUS INDICATOR L.E.D. IS CLEARLY VISIBLE AND THE TEST BUTTONS ARE READILY ACCESSIBLE. LABEL EACH CIRCUIT BREAKER WHICH CONTROLS THE UNSWITCHED ACTIVE TO EXIT LIGHTS WITH A LABEL FIXED ADJACENT; ENGRAVED PLASTIC LAMINATE, GREEN BACKGROUND WITH WHITE CHARACTERS:-

WARNING  
INTERRUPTING SUPPLY WILL DISCHARGE  
EMERGENCY LIGHTING BATTERIES

PROVIDE WRITTEN EVIDENCE OF THE INITIAL COMMISSIONING AND TESTING AND TESTING FOR THE DURATION OF THE MAINTENANCE PERIOD IN ACCORDANCE WITH AS 2293.2.

THIS EVIDENCE IS TO BE IN THE FORM OF A LOG BOOK SIMILAR TO THE GENERAL LIGHTING SERVICE PTY LTD "EMERGENCY LIGHTING MAINTENANCE LOG BOOK AND MANUAL" WHICH IS TO BE PROVIDED BY THE ELECTRICAL SUB-CONTRACTOR AND HAVE ALL ENTRIES FULLY COMPLETED AND BE PRESENTED FOR INSPECTION AT PRACTICAL COMPLETION. THE LOG BOOK IS TO BE RETAINED BY THE ELECTRICAL SUB-CONTRACTOR FOR THE DURATION OF THE MAINTENANCE PERIOD, AND THE SIX MONTHLY TEST AND MAINTENANCE RESULTS ENTERED. THE LOG BOOK IS TO BE PRESENTED FOR APPROVAL AT FINAL COMPLETION (EXPIRY OF THE MAINTENANCE PERIOD) AND WILL BE FORWARDED TO THE OPERATOR FOR THEIR USE.

PROVIDE MAINTENANCE OF THE EMERGENCY AND EXIT LIGHTING INSTALLATION INCLUDING RECORDS IN ACCORDANCE WITH THE LATEST ISSUE OF ALL PARTS AS2293 AND THE RELEVANT PARTS OF THE NCC BCA. PROVIDE THE EMERGENCY LIGHTING SYSTEM WITH A SUPPLY SENSING AND TESTING FACILITY MOUNTED IN DB-A IN ACCORDANCE WITH AS 2293.1. RECONNECT THE EXISTING EMERGENCY AND EXIT LIGHTS THAT REMAIN TO THE NEW A SUPPLY SENSING AND TESTING FACILITY MOUNTED IN DB-A.

LEGEND

| THE LIGHT FITTING SUPPLIER CONTACT DETAILS MAY BE AVAILABLE ON THE EDG WEBSITE VIA THE FOLLOWING LINK <a href="http://www.edg.net.au/Links/Lighting.htm">www.edg.net.au/Links/Lighting.htm</a> |                          |  |                    |                                  |
|--|--------------------------|--|--------------------|----------------------------------|
| TYPE   | LAMPS                    | DESCRIPTION  | COLOUR / ACCESSORY | CATALOGUE No                     |
| L1   | 200W 4000K LED           | PENDANT HIGH BAY C/W INTEGRAL 0-10V DIMMABLE DRIVER. MOUNT AS HIGH AS PRACTICAL ENSURING THE FANS DO NOT CAUSE STROBING.   | BLACK              | SAL UFO SHB23MP200TC             |
| L2   | 100W 4000K LED           | PENDANT HIGH BAY C/W INTEGRAL 0-10V DIMMABLE DRIVER. MOUNT AS HIGH AS PRACTICAL ENSURING THE FANS DO NOT CAUSE STROBING.   | BLACK              | SAL UFO SHB23MP100TC             |
| L3   |                          | SURFACE MOUNTED IP65 UNSWITCHED LED BATTEN C/W INTEGRAL AS2293 NON MAINTAINED D63 - D40 EMERGENCY PACK. THE FITTING IS TO ONLY OPERATE UPON MAINS FAILURE.   |                    |                                  |
| L4   | 180W LED 5000K           | REPLACE THE EXISTING EXTERNAL HIGH LEVEL WALL MOUNTED FLOOD LIGHT WITH A NEW WALL MOUNTED CARPARK LIGHT C/W INTEGRAL DRIVER.   | BLACK              | SAL SHP305/180NDL/BK             |
| L5   | 70W LED 5000K            | EXTERNAL CARPARK LIGHT WALL MOUNTED AT 5400 AFFL C/W INTEGRAL DRIVER.  | BLACK              | SAL SHP305/70NDL/BK              |
| L6   | 6W E27 240VOLT 3000K LED | EXTERNAL IP44 WALL MOUNTED DECORATIVE LIGHT CENTRED BETWEEN THE TOP OF THE WINDOW AND THE SOFFIT.  | BLACK              | FAT SHACK VINTAGE SKU W1033-BLK  |
| L7   | 25W LED 4000K            | RECESSED ADJUSTABLE DOWNLIGHT C/W REMOTE DRIVER  | WHITE              | SAL S9525/125DL/WH               |
| EX   | LED                      | EXIT LIGHT: MAINTAINED AS2293 COMPLIANT 40M VIEWING DISTANCE EXIT LIGHT C/W DIFFUSERS & DIRECTIONAL ARROWS AS SHOWN. CEILING OR WALL MOUNT BETWEEN 2100mm & 2700mm AFFL IF THERE IS NO VERTICAL SURFACE TO MOUNT THE FITTING ON WITHIN THIS RANGE CONFIRM THE MOUNTING HEIGHT WITH THE ENGINEER. | WHITE              | EQUAL TO CLEVERTRONICS CJELED-40 |
| LIGHTING CONTROL SWITCH PANEL  |                          | MULTI GANG ON / OFF SWITCHPANEL C/W 20 AMP MECHANISMS TO SWITCH THE CIRCUITS NOMINATED IN THE DB-A SCHEDULE. MOUNT AT 1000mm AFFL  | WHITE              | CLIPSAL C2000 SERIES             |
| DOUBLE POWER OUTLET  |                          | DOUBLE POWER OUTLET C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNT AT 300mm AFFL U.N.O. RATING 10A U.N.O.   | WHITE              | CLIPSAL C2000 SERIES             |
| SINGLE-PHASE ISOLATOR  |                          | SINGLE-PHASE WEATHERPROOF ISOLATOR. MOUNT AT 1350mm AFFL U.N.O. RATING 20A U.N.O. CONNECT TO EQUIPMENT VIA FLEXIBLE CONDUIT.   | -                  | CLIPSAL WHT20                    |
| THREE-PHASE ISOLATOR   |                          | THREE-PHASE WEATHERPROOF ISOLATOR. MOUNT AT 1350mm AFFL U.N.O. RATING 20A U.N.O. CONNECT TO EQUIPMENT VIA FLEXIBLE CONDUIT.  | -                  | CLIPSAL WHT35                    |
| PV INVERTER x PROVIDE A CIRCUIT TO THE PV INVERTER. THE INVERTER WILL BE SUPPLIED BY THE BUILDING OWNERS SPECIALIST PV CONTRACTOR.   |                          |  |                    |                                  |
| DB-A DISTRIBUTION BOARD DB-A AS PER THE DB-A SCHEDULE AND NOTES. PROVIDE A SHOP DRAWING OF DB-A FOR APPROVAL.  |                          |  |                    |                                  |
| MSB MAIN SWITCHBOARD IN ACCORDANCE WITH THE QECM-V4 TO BE PROVIDED IN ACCORDANCE WITH THE NOTES.   |                          |  |                    |                                  |
| OPTICAL BEAM RECEAVER  |                          | EXISTING AS1670.1 FIRE DETECTION OPTICAL BEAM RECEIVER TO BE RELOCATED AS NECESSARY TO ACCOMMODATE THE PROPOSED WORKS.   |                    |                                  |
| OPTICAL BEAM TRANSMITTER   |                          | EXISTING AS1670.1 FIRE DETECTION OPTICAL BEAM TRANSMITTER TO BE RELOCATED AS NECESSARY TO ACCOMMODATE THE PROPOSED WORKS.  |                    |                                  |
| HORN SPEAKER   |                          | EXISTING AS1670.1 FIRE ALARM HORN SPEAKER TO BE RELOCATED AS NECESSARY TO ACCOMMODATE THE PROPOSED WORKS.  |                    |                                  |

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| <div>ELECTRICAL DESIGN GROUP BRISBANE<br/>PTY LTD<br/>ACN 092 710 793</div> <div>TRADING AS:<br/>ELECTRICAL DESIGN GROUP</div> | <div>THE COPYRIGHT OF THIS DRAWING<br/>REMAINS THE PROPERTY OF THE<br/>ELECTRICAL DESIGN GROUP.</div> <div>USE FIGURED DIMENSIONS<br/>IN PREFERENCE TO SCALE.</div> <div>ALL DIMENSIONS TO BE<br/>VERIFIED ONSITE.</div> | <div><div><div></div><div>ELECTRICAL DESIGN GROUP</div></div><div>ELECTRICAL BUILDING SERVICES CONSULTANTS</div><div>BRISBANE GOLD COAST</div><div>P.O.Box 15, Sherwood Q.4075<br/>Phone: (07) 3278 4375<br/>Email: brisbane@edg.net.au<br/>Web: www.edg.net.au</div></div> | <div>PROJECT:<br/>METROPOLE HOTEL, PROSERPINE<br/>LIQUOR WAREHOUSE</div> <div>82 MAIN STREET, PROSERPINE, QUEENSLAND</div> | A BUILDING APPROVAL15/08/2025                     |  |                       |                    |                |
|  |  |   |  | REV: DESCRIPTION:DATE:                            |  |                       |                    |                |
|  |  |   |  | DRAWING:<br>ELECTRICAL SERVICES<br>NOTES & LEGEND |  |                       |                    |                |
|  |  |   |  | SCALE:<br>NOT TO SCALE AT A1                      |  | PROJECT NO:<br>C3602a | DRAWING NO:<br>E01 | REVISION:<br>A |
|  |  |   |  |   |  |                       |                    |                |



PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS.

| CIRC | PH | CIRCUIT           | CONTROL                                   | CABLE       | LOCATION  | CIRCUIT             |
|------|----|-------------------|---|-------------|-----------|---------------------|
|      |    | BREAKER<br>(amps) | EQUIPMENT                                 | SIZE ( mm2) |           | USE                 |
| P1   | 3  | 50                | MCB                                       | 10          | WAREHOUSE | INV 1               |
| P2   | 3  | 50                | MCB                                       | 10          | WAREHOUSE | INV 2               |
| P3   | 1  | 20                | RCBO                                      | 2.5         | WAREHOUSE | GPO                 |
| P4   | 3  | 20                | RCBO                                      | 2.5         | WAREHOUSE | SLIDING DOOR        |
| P5   | 3  | 20                | RCBO                                      | 2.5         | WAREHOUSE | SLIDING DOOR        |
| P6   | 3  | 20                | RCBO                                      | 2.5         | WAREHOUSE | ROLLER SHUTTER DOOR |
| P7   | 3  | 20                | RCBO                                      | 2.5         | WAREHOUSE | SLIDING DOOR        |
| P8   | 3  | 20                | RCBO                                      | 2.5         | WAREHOUSE | EXHAUST FAN         |
| P9   | 1  | 20                | RCBO                                      | 2.5         | WAREHOUSE | BIG ASS FAN         |
| P10  | 1  | 20                | RCBO                                      | 2.5         | WAREHOUSE | BIG ASS FAN         |
| P11  | 1  | 25                | RCBO                                      | 4           | WAREHOUSE | BIG ASS FAN         |
|      |    |                   |   |             |           |                     |
|      |    |                   |   |             |           |                     |
| L1   | 1  | 20                | RCBO SP                                   | 2.5         | WAREHOUSE | LIGHTING            |
| L2   | 1  | 20                | RCBO SP                                   | 2.5         | WAREHOUSE | LIGHTING            |
| L3   | 1  | 20                | RCBO SP                                   | 2.5         | WAREHOUSE | LIGHTING            |
| L4   | 1  | 20                | RCBO SP                                   | 2.5         | WAREHOUSE | LIGHTING            |
| L5   | 1  | 20                | RCBO SP                                   | 2.5         | WAREHOUSE | LIGHTING            |
| L6   | 1  | 20                | RCBO PE CELL<br>ON DUSK TC OFF<br>10.00PM | 2.5         | EXTERNAL  | SECURITY LIGHTING   |
| L7   | 1  | 20                | RCBO PE CELL<br>ON DUSK TC OFF<br>10.00PM | 2.5         | EXTERNAL  | DECORATIVE LIGHTING |

