

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.
- COMMUNICATIONS CABLING.
- 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.

NOTES

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.
- WORKPLACE HEALTH AND SAFETY ACT.
- TELECOMMUNICATIONS ACT.
- ACMA REQUIREMENTS.

4. CIRCUITS / CABLING / CONTROL

PROVIDE A NEW LIGHTING AND NEW POWER CIRCUIT FROM DB-L 2.5mm² TWIN & EARTH STRANDED COPPER CONDUCTORS, PVC INSULATED 0.6/1kV V75 GRADE TO AS3174, PROTECTED BY A 20 AMP RCBO. ALL CABLING AND CONDUITS BELOW THE TOP OF THE MASONRY COLUMNS MUST BE CONCEALED. CABLING ABOVE THE TOP OF THE MASONRY COLUMNS IS TO BE RUN IN RIGID UPVC AS2053 CONDUIT FIXED TO THE STRUCTURAL STEEL IN A NEAT AND TRADESMAN LIKE MANNER. PROVIDE AN ELV CONTROL SYSTEM TO ALLOW THE FOUR GROUPS OF L1 FITTINGS TO BE SWITCHED VIA THE ADMINISTRATION BUILDING SWITCH PANEL (SP).

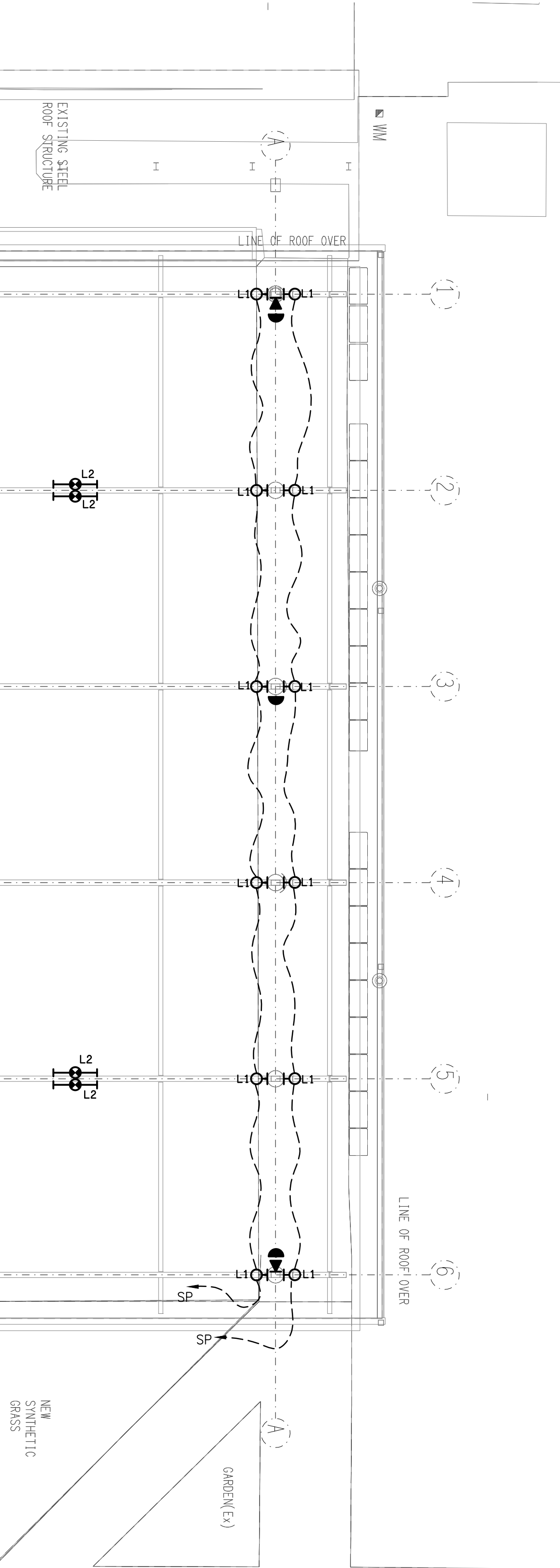
LEGEND

- L1** IP65 2 X 13.5W 3000K UP / DOWN WALL BLACK LIGHT C/W INTEGRAL DRIVER MOUNTED ON THE MASONRY COLUMN AT 2700 AFFL. RAPID LED R6056. ALL OF THE L1 FITTINGS ARE TO BE SUPPLIED VIA THE NEW DB-L LIGHTING CIRCUIT. THE L1 FITTINGS ARE TO BE SWITCHED AS FOUR CHANNELS VIA AN ELV CONTROL SYSTEM AT THE NEW SP IN THE ADMINISTRATION BUILDING.
- L2** IP66 1200 LONG BATTEN C/W INTEGRAL DRIVER AND AN UNSWITCHED AS2293 NON MAINTAINED EMERGENCY PACK CONFIGURED TO ONLY OPERATE UPON MAINS FAILURE. MOUNT THE FITTING HORIZONTALLY ON THE SIDE OF THE ROOF STRUCTURE. GAMMA STORM 1558-CCT-36W.
- SP** PROVIDE A FOUR GANG CLIPSAL C2000 WHITE SWITCH PANEL WITH MANUAL SWITCHES TO CONTROL THE FOUR COVERED AREA LIGHTING CHANNELS. PROVIDE BLACK ENGRAVING ON THE FACEPLATE "COVERED AREA". LOCATE THE SWITCH PANEL IN THE ADMINISTRATION BUILDING ABOVE THE EXISTING EVACUATION / LOCKDOWN BUTTONS.
- DB-L** PROVIDE A CLIPSAL WSC227/2 DOUBLE 10 AMP GPO MOUNTED ON A ROUND COLUMN MOUNTING BLOCK AT 2,200 AFFL ON THE MASONRY COLUMN. ALL OF THE GPOs ARE TO BE SUPPLIED VIA THE NEW DB-L POWER CIRCUIT.
- CR-L** PROVIDE A CLIPSAL C2000 WHITE FACEPLATE WITH A RJ45 COMMUNICATIONS OUTLET 100MM BELOW THE ROOF ON THE STRUCTURAL STEEL CABLED VIA AN EXTERNAL GEL FILLED CAT 6 UTP CABLE TO ONE OF THE EXISTING PORTS IN THE LIBRARY BUILDING COMMUNICATIONS RACK CR-L. UNIQUELY PERMANENTLY LABEL THE PORT AND OUTLET.
- DB-L** PROVIDE THE EXISTING LIBRARY BUILDING DISTRIBUTION BOARD DB-L WITH NEW SWITCHGEAR THAT MATCHES THE EXISTING FOR THE NEW POWER AND LIGHTING CIRCUITS. UPDATE THE SCHEDULE ACCORDINGLY.
- CR-L** UTILISE THE EXISTING SPARE PATCH PANEL PORTS IN CR-L TO ACCOMMODATE THE NEW COMMUNICATIONS OUTLETS.

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PROJECT:
**HOLY SPIRIT SCHOOL, BRAY PARK
COVERED SHELTER**

102 SPARKES ROAD, BRAY PARK, QUEENSLAND

A	TENDER	05/11/2025
REV:	DESCRIPTION:	DATE:

DRAWING:
**ELECTRICAL SERVICES
LEGEND & REFLECTED CEILING PLAN**

SCALE: 1:100	AT A1	PROJECT NO: C3652a	DRAWING NO: E01	REVISION: A
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