

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 AS A DESIGN AND CONSTRUCT PACKAGE.
- CCTV SYSTEM AS A DESIGN AND CONSTRUCT PACKAGE.
- SECURITY SYSTEM AS A DESIGN AND CONSTRUCT PACKAGE.
- PUBLIC ADDRESS AS A DESIGN AND CONSTRUCT PACKAGE.
- MAINTENANCE MANUAL DETAILING ALL COMPONENTS OF THE WORKS AND INCLUDING AS CONSTRUCTED DOCUMENTS.
- 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.

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 OF ALL WORKS THAT HAVE AN EFFECT ON OR WILL BE AFFECTED BY THE ELECTRICAL SERVICES.

UNLESS SPECIFICALLY NOTED ON THE DRAWINGS, PROVIDE ALL OF THE ELECTRICAL SERVICES IN ACCORDANCE WITH THE REQUIREMENTS OF THE FOLLOWING DOCUMENTS:

- DAN MURPHY'S ELECTRICAL SPECIFICATION
- DAN MURPHY'S PA SYSTEM SPECIFICATION
- WOOLWORTHS GROUP INFORMATION TECHNOLOGY STRUCTURED CABLING SYSTEM SPECIFICATION
- DME600 - COVER SHEET _ DRAWING INDEX_REVA
- DME601 - LIGHTING CONCEPT LAYOUT_REVA
- DME602 - POWER LAYOUT_REVA
- DME605 - DATA LAYOUT_REVA
- DME606 - PUBLIC ADDRESS LAYOUT_REVA
- DME607 - CCTV _ SECURITY LAYOUT_REVA
- DME608 - LED CABINET LIGHTS_REVA - TREND 14042023 LIGHTING

FOLLOWING ARE ACCEPTED DEVIATIONS FROM THE ABOVE DOCUMENTS:

- NO GENERATOR OR GENERATOR DB.
- NO REFRIGERATION SWITCHBOARD.
- NO ENERGY MANAGEMENT SYSTEM EMS AS ALL LIGHTING WILL ONLY BE CONTROLLED BY MANUAL LIGHT SWITCHES.
- REDUCED SWITCHBOARD SPECIFICATION.
- FIRE DETECTION IS NOT REQUIRED.

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.
- 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 EMERGENCY SERVICES.
- ACMA.

NOTES

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 COMBINATION RCD CIRCUIT BREAKER. ALL CONDUIT AND FITTINGS TO BE RIGID UPVC TO AS2053, UNLESS NOTED OTHERWISE.

6. POWER DISTRIBUTION

THE POWER DISTRIBUTION COMPONENT OF THIS CONTRACT INCLUDES PROVIDING A NEW SUPPLY FROM THE ENERGEX PADMOUNT SUBSTATION, REPLACING THE MAIN SWITCHBOARD, NEW SUBMAINS, A DISTRIBUTION BOARD AND UPS DISTRIBUTION BOARD WITHIN THE DAN MURPHYS TENANCY AS WELL AS THE REQUIRED CIRCUITS AND OUTLETS.

AS PART OF THE TENDER PROCESS INSPECT THE SITE AND ALLOW OF ALL WORKS REQUIRED THAT HAVE NOT BEEN COMPLETED AS PART OF THE EARLY WORKS. THE CLIENT HAS OBTAINED THE MAIN SWITCHBOARD AS PER THE MAIN SWITCHBOARD SHOP DRAWING. UNDER THE ELECTRICAL SCOPE PICK UP THE MAIN SWITCHBOARD FROM THE MANUFACTURER IN NORTH BRISBANE, DELIVER IT TO SITE, UNLOAD IT, POSITION IT AND FIX IT IN PLACE.

LOCATE THE MAIN SWITCHBOARD OVER THE EXISTING TRENCH AND PROVIDE ADDITIONAL GALVANIZED STRUCTURAL SUPPORTS AS NECESSARY. REPLACE THE EXISTING MAIN SWITCHBOARD TRENCH LID SUCH THAT IT DOES NOT EXTEND UNDER THE MAIN SWITCHBOARD AND NO SINGLE COMPONENT WEIGHS MORE THAN 20KG. THE LID IS TO BE GALVANIZED CHECKER PLATE.

PROVIDE THE MAIN SWITCHBOARD WITH TWO ADDITIONAL 250/160 AMP MCCBS THAT MATCH THE EXISTING. PROVIDE NEW SUBMAINS FROM THE MAIN SWITCHBOARD TO THE DAN MURPHY MECHANICAL SERVICES SWITCHBOARD MSSB AND THE NEW DAN MURPHY DISTRIBUTION BOARD DB-DM. PROVIDE ALL OF THE OUTGOING MCCBS WITH MECHANICALLY FIXED ENGRAVED LABELLING TO REFLECT THEIR USE. ALL CABLING INTO THE MAIN SWITCHBOARD MUST ENTRE THE BOARD FROM BELOW.

OBTAIN APPROVAL OF THE MAIN SWITCHBOARD SHOP DRAWING FROM ENERGEX AND ARRANGE FOR THE NEW METERING TO BE PROVIDED. THEN ENERGEX REFERENCES ARE:

- APPLICATION REFERENCE NO. CX22GOL08B3514A
- WORK REQUEST NO. WR7761405
- PROJECT DESCRIPTION. INSTX 1118 GOLD COAST HWY, PALM BEACH

PROVIDE UNDERGROUND CONDUITS FROM THE MAIN SWITCHBOARD TRENCH INTO THE STORE AT THE REAR OF THE TAVERN. TURN THE CONDUITS UP ONTO A CABLE LADDER WITH HAT SECTION TO 2400 AFFL THAT RISES UP THE STORE WALL THEN RETICULATE HORIZONTALLY AT HIGH LEVEL ON NEW CABLE TRAY IN THE GROUND FLOOR CEILING SPACE. SIZE THE CABLE TRAY TO ACCOUNT FOR ALL OF THE CABLING BEING PROVIDED AS PART OF THE WORKS PLUS 100% SPARE SPACE. UNDERTAKE ALL NECESSARY PENETRATIONS AND REINSTATEMENT TO THE HOTEL TO FACILITATE THE INSTALLATION OF THE CABLE LADDER AND SUBMAINS TO THE SAME LEVEL OF FINISH AS THE EXISTING.

REPLACE THE EXISTING HOTEL MSB DISTRIBUTION BOARD DB-2 WITH A NEW 96 POLE PANEL BOARD IN THE EXISTING MSB ROOM. PROVIDE THE NEW DB-2 TO THE SAME SPECIFICATION AS DB-DM. REDIRECT THE REMAINING 6 CIRCUITS FROM DB-M TO DB-2 WITH NEW AS3000 COMPLIANT SWITCHGEAR. REDIRECT THE REMAINING 53 POLES (MIX OF SINGLE AND THREE PHASE CIRCUITS) FROM THE OLD MSB SECTION A DISTRIBUTION CHASSIS TO DB-2 WITH NEW AS3000 COMPLIANT SWITCHGEAR. REFER TO THE DB-2 SCHEDULE FOR ADDITIONAL CIRCUITS TO BE PROVIDED FROM DB-2.

THE EXISTING ENERGEX SUPPLY TO THE HOTEL IS TO BE REMOVED ONCE THE NEW SUPPLY HAS BEEN COMMISSIONED AND THE HOTELS SUB BOARDS ARE SUPPLIED FROM THE NEW MAIN SWITCHBOARD VIA NEW SUBMAINS. CONFIRM THE SUBMAIN ROUTE THROUGH THE HOTEL ON SITE.

REMOVE ALL OF THE EXISTING CONSUMERS MAINS, SUBMAINS, SWITCHBOARDS AND SWITCHGEAR FROM THE HOTEL AS MADE REDUNDANT BY THE WORKS.

THE POWER SUPPLY TO THE SITE IS TO BE MAINTAINED AT ALL TIMES THE HOTEL GAMING ROOM IS OPERATING. ANY INTERRUPTION TO THE POWER SUPPLY MUST BE FOR LESS THAN TWO HOURS AND MUST ADVISED TO THE OPERATOR IN WRITING TWO WEEKS PRIOR.

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

- POWER DISTRIBUTION.
 - EARTHING.
 - CABLE ACCESS WAY INCLUDING EXTENSION OF THE UNDERGROUND CONDUITS AND CABLE LADDERS AS NECESSARY. - PICK UP THE MSB AND INSTALL IT. ADDITIONAL STRUCTURAL SUPPORTS AS NECESSARY.
 - NEW CONSUMERS MAINS.
 - MODIFY / REPLACE THE MSB TRENCH LID.
 - NEW ENERGEX RETAIL METERING. UPGRADE.
 - SUBMAINS.
 - DB-DM, UPS DB AND DB-2.
 - NEW CIRCUITS.
 - REDIRECT ALL EXISTING CIRCUITS THAT REMAIN IN THE EXISTING MSB ROOM TO THE NEW DB-2. - NEW SUBMAINS TO DB-DM, THE DM MSSB AND THE EXISTING SWITCHBOARDS WITHIN THE HOTEL.
 - ISOLATORS AND OUTLETS.
 - TESTING AND COMMISSIONING.
 - REMOVAL OF ALL EXISTING SERVICES THAT BECOME REDUNDANT DUE TO THE WORKS.
- REFER TO THE DISTRIBUTION BOARD SCHEDULES FOR ADDITIONAL REQUIREMENTS AND CIRCUIT DETAILS.
- PROVIDE THE NEW DISTRIBUTION BOARDS AS FOLLOW:
- IP44.
 - LIGHT GRAY ENCLOSURE WHITE ESCUTCHEON.
 - 3 POINT LOCKABLE 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 TERASAKI.
 - PROVIDE SHOP DRAWINGS FOR APPROVAL.

NOTES

7. LIGHTING

TAKE POSSESSION OF THE TREND LIGHTING LIGHT FITTINGS NOTED AS BEING SUPPLIED BY THE CLIENT AND INSTALL. ALL REMAINING 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.
- CARPARK LIGHTING INCLUDING CABLE ACCESS, FOOTINGS AND POLES.
- EARTHING OF THE LIGHTING INSTALLATION.
- LIGHTING CONTROL.
- LIGHTING SUBCIRCUITS.
- TESTING AND COMMISSIONING.

PROVIDE DB-DM AND DB-2 WITH 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 AS FOLLOWS:

- IF THE FITTING IS NOT BEING SWITCHED, THE LAMP IS TO REMAIN 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.)
- IF THE FITTING IS BEING SWITCHED, THE LAMP IS TO BE SUPPLIED AND CONTROLLED WITH THE LOCAL GENERAL AREA LIGHTING 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. (THE LAMP IS ON WHEN TURNED ON WITH THE LOCAL GENERAL LIGHTING OR THE MAIN 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 IN ACCORDANCE WITH AS 2293.1.

8. COMMUNICATIONS CABLING

PROVIDE THE COMMUNICATIONS CABLING AS A DESIGN AND CONSTRUCT PACKAGE AS PER THE GENERIC DOCUMENTS REFERENCED UNDER SECTION 1 ABOVE. THE COMMUNICATIONS SERVICES INDICATED ON THE SITE-SPECIFIC DRAWINGS ARE TO BE USED AS A GUIDE AND NEED TO BE FURTHER DEVELOPED AND COORDINATED TO REFLECT THE ACTUAL SITE REQUIREMENTS.

9. CCTV

PROVIDE THE CCTV SYSTEM AS A DESIGN AND CONSTRUCT PACKAGE AS PER THE GENERIC DOCUMENTS REFERENCED UNDER SECTION 1 ABOVE. THE COMMUNICATIONS SERVICES INDICATED ON THE SITE-SPECIFIC DRAWINGS ARE TO BE USED AS A GUIDE AND NEED TO BE FURTHER DEVELOPED AND COORDINATED TO REFLECT THE ACTUAL SITE REQUIREMENTS.

10. SECURITY

PROVIDE THE SECURITY SYSTEM AS A DESIGN AND CONSTRUCT PACKAGE AS PER THE GENERIC DOCUMENTS REFERENCED UNDER SECTION 1 ABOVE. THE COMMUNICATIONS SERVICES INDICATED ON THE SITE-SPECIFIC DRAWINGS ARE TO BE USED AS A GUIDE AND NEED TO BE FURTHER DEVELOPED AND COORDINATED TO REFLECT THE ACTUAL SITE REQUIREMENTS.

11. PUBLIC ADDRESS

PROVIDE THE PUBLIC ADDRESS SYSTEM AS A DESIGN AND CONSTRUCT PACKAGE AS PER THE GENERIC DOCUMENTS REFERENCED UNDER SECTION 1 ABOVE. THE COMMUNICATIONS SERVICES INDICATED ON THE SITE-SPECIFIC DRAWINGS ARE TO BE USED AS A GUIDE AND NEED TO BE FURTHER DEVELOPED AND COORDINATED TO REFLECT THE ACTUAL SITE REQUIREMENTS.

12. ABBREVIATIONS

- A - AMP CURRENT RATING
- AB - MOUNT ABOVE BENCH.
- AFFL - ABOVE FINISHED FLOOR LEVEL.
- BB - MOUNT BELOW BENCH.
- BH - MOUNT ON BULKHEAD.
- CEIL - MOUNT ON CEILING.
- CS - MOUNT WITHIN CEILING SPACE.
- C/W - COMPLETE WITH.
- MCB - MINIATURE CIRCUIT BREAKER.
- MSB - MAIN SWITCHBOARD.
- NTS - NOT TO SCALE.
- RCBO - CIRCUIT PROTECTED VIA A 30mA RESIDUAL CURRENT DEVICE INTEGRAL TO THE CIRCUIT BREAKER. 3-PHASE RCBO TO BE 4-POLE.
- REF - REFRIGERATOR.
- UNO - UNLESS NOTED OTHERWISE.
- WP - WEATHERPROOF TO IP56 UNO.
- 500 - NUMBER DENOTES MOUNTING HEIGHT AFFL.

B	TENDER	19/06/2023
REV:	DESCRIPTION:	DATE:

DRAWING:	ELECTRICAL SERVICES NOTES		
----------	----------------------------------	--	--

SCALE:	PROJECT NO:	DRAWING NO:	REVISION:
NOT TO SCALE AT A1	C2582a	E09	B

ELECTRICAL DESIGN GROUP BRISBANE
PTY LTD
ACN 092 710 793

TRADING AS:
ELECTRICAL DESIGN GROUP

THE COPYRIGHT OF THIS DRAWING
REMAINS THE PROPERTY OF THE
ELECTRICAL DESIGN GROUP.

USE FIGURED DIMENSIONS
IN PREFERENCE TO SCALE.

ALL DIMENSIONS TO BE
VERIFIED ONSITE.

 **ELECTRICAL DESIGN GROUP**
ELECTRICAL BUILDING SERVICES CONSULTANTS
BRISBANE GOLD COAST

P.O.Box 15, Sherwood Q.4075
Phone: (07) 3278 4375
Email: brisbane@edg.net.au
Web: www.edg.net.au

PROJECT:

PALM BEACH DAN MURPHYS

1118 GOLD COAST HIGHWAY, PALM BEACH, GOLD COAST