

LEGEND

TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No.
L1	8W 2700K GLS FILAMENT E27 240 VOLT LED	RATTAN WICKER 800 DIA 450 HIGH E27 PENDANT SUSPEND THE FAN AS PER DETAIL A ON DRAWING C3086A-E03.DWG. SWITCH THE 240 VOLT SUPPLY TO THE FITTING VIA BLUETOOTH CASAMBI CONTROLLER	WHITE SUSPENSION NATURAL RATTAN FINISH	CREATIVE LIGHTING SOLUTIONS CREY POT 80
L2	8W 2700K GLS FILAMENT E27 240 VOLT LED	300 HIGH RATTAN WICKER WALL LIGHT MOUNTED ON THE HIGH LEVEL BULKHEAD SWITCH THE 240 VOLT SUPPLY TO THE FITTING VIA BLUETOOTH CASAMBI CONTROLLER	NATURAL RATTAN FINISH	TEMPLE & WEBSTER DUNE DRUM WALL SCONCE TMPL2078
L3	1W LED AT 500 CENTRES	24V DC IP65 FESTOON LIGHTING TO BE FIXED TO A 316 STAINLESS STEEL WIRE SUPPORT SYSTEM. RUN THE SUPPLY CABLE IN BLACK FLEXIBLE CONDUIT ALONG THE ROPE CONNECTING THE POST TO THE BUILDING WITH THE DRIVER LOCATED WITHIN THE BUILDING CEILING SPACE. SWITCH THE 240 VOLT SUPPLY TO THE DRIVER VIA BLUETOOTH CASAMBI CONTROLLER	BLACK CABLE AND FIXINGS	GLOW WORM LIGHTING 1M (2 GLOBE/M) COMMERCIAL GRADE LED FESTOON LIGHTING
L4	12W 2700K LED	POST TOP MOUNTED ADJUSTABLE 24V DC 44 DEG BEAM TREE FLOOD LIGHT C/W REMOTE INTEGRATED CASAMBI BLUETOOTH DIMMABLE DRIVER. RUN THE SUPPLY CABLE IN BLACK FLEXIBLE CONDUIT ALONG THE ROPE CONNECTING THE POST TO THE BUILDING WITH THE DRIVER LOCATED WITHIN THE BUILDING CEILING SPACE.	BLACK	GAMMA ILLUMINATION RULLO 1373-WFL-2700K-12W-24V
L5	13W 3000K LED	RECESSED DOWNLIGHT C/W REMOTE INTEGRATED CASAMBI BLUETOOTH DIMMABLE DRIVER MOUNT THE DOWNLIGHT INTO THE REAR VERTICAL FACE OF THE FEATURE BULKHEAD TO ILLUMINATE THE REAR BAR THE DRIVER IS TO BE CONTAINED WITHIN THE FEATURE BULKHEAD	WHITE	GAMMA ILLUMINATION SCOOP 1495-VWFL-3K-13W
L6	WARM WHITE LED	HORIZONTAL LED STRIP WITHIN AN ALUMINIUM EXTRUSION MOUNTED ON TOP OF THE FEATURE BULKHEAD TO UPLIGHT THE CEILING PROVIDE THE STRIP WITH A CONCEALED DEDICATED 240-12V POWER SUPPLY DALI DIMMABLE DRIVER CONTROLLED / DIMMED BY A BLUETOOTH CASAMBI CONTROLLER	NATURAL	NEON PRODUCTS AUSTRALIA LF-DFB-WW-300-12 + PR-LIN172153-F
L7	13W 2700K LED	RECESSED DOWNLIGHT C/W REMOTE INTEGRATED CASAMBI BLUETOOTH DIMMABLE DRIVER MOUNT THE DOWNLIGHT INTO THE UNDERSIDE OF THE FEATURE BULKHEAD THE DRIVER IS TO BE CONTAINED WITHIN THE FEATURE BULKHEAD	WHITE TRIM AND BAFFLE	GAMMA ILLUMINATION REBA 1217-FL-3K-13W
L8	15W 2700K LED	REPLACE THE EXISTING DOWNLIGHT WITH RECESSED DOWNLIGHT C/W REMOTE INTEGRATED CASAMBI BLUETOOTH DIMMABLE DRIVER	WHITE TRIM AND BAFFLE	GAMMA ILLUMINATION CORBEL 1411-4K-22W
RECESSED SPEAKER		30W 100V MULTI TAPPED SPEAKER C/W WHITE GRILL	WHITE GRILL	AUSTRALIAN MONITOR QFC8CS
EXTERNAL SPEAKER		60W 100V MULTI TAPPED IP66 BRACKET MOUNTED EXTERNAL MARINE GRADE SPEAKER	BLACK	SONANCE 93148
VOLUME CONTROL x (VCx)		WALL MOUNTED BACKGROUND MUSIC VOLUME CONTROL CONFIRM THE LOCATION ON SITE WITH THE OPERATOR PROVIDE PERMANENT LABELLING OF THE ASSOCIATED ZONE	WHITE	AUSTRALIAN MONITOR RC1-LIN
AV RACK		PROVIDE A 12 RU WALL MOUNTED RACK TO HOUSE THE BACKGROUND MUSIC EQUIPMENT. CONFIRM THE RACK POSITION ON SITE WITH THE OPERATOR. PROVIDE THE RACK WITH AN INTEGRAL DOUBLE GPO ON A NW DEDICATED 20 AMP RCBO PROTECTED CIRCUIT FROM THE LOCAL DISTRIBUTION BOARD		
POST A		150 X 150 TIMBER POST C/W REINFORCED CONCRETE FOOTING THE POST IS TO BE 3,000 HIGH AND CONTAIN A BLACK WEATHER PROTECTION CAP. CONNECT THE POST TO THE BUILDING VIA 40MM ROPE FIXED TO THE POST AND BUILDING VIA 316 STAINLESS STEEL EYE BOLTS. MOUNT THE TWO L4 FITTINGS AND SPEAKER TO THE TOP OF THE POST.		
POST B		150 X 150 TIMBER POST C/W REINFORCED CONCRETE FOOTING THE POST IS TO BE 3,000 HIGH AND CONTAIN A BLACK WEATHER PROTECTION CAP. CONNECT POST B TO POST A VIA 40MM ROPE FIXED TO THE POSTS VIA 316 STAINLESS STEEL EYE BOLTS.		
FAN 1 (F1)		REPLACE THE EXISTING CEILING FAN WITH A NEW 1500 DIA CEILING FAN C/W HANDHELD REMOTE CONTROL UNITS UNIVERSAL MOUNT SUSPEND THE FAN AS PER DETAIL A ON DRAWING C3086A-E03.DWG.	BLACK	BIG ASS HAIKU BLACK 1500
FAN 2 (F2)		REPLACE THE EXISTING CEILING FAN WITH A NEW 1500 DIA CEILING FAN C/W HANDHELD REMOTE CONTROL UNITS UNIVERSAL MOUNT PROVIDE THE SHORTEST SUSPENSION PRACTICAL	WHITE	BIG ASS HAIKU WHITE 1500
FEATURE BULKHEAD		FEATURE CUSTOM BULKHEAD SUSPENDED OVER THE BAR AS PER DRAWING C3086a-E04.dwg.		
SWITCH PANEL SP1		PROVIDE SP1 AS THREE KINETIC WALL MOUNTED SWITCHES POSITIONED ON SITE AS DIRECTED BY THE OPERATOR. SWITCH 1 IS TO CONTROL THE INTERNAL DOWNLIGHTS. SWITCH 2 IS TO CONTROL THE INTERNAL DECORATIVE LIGHTS AND SWITCH 3 IS TO CONTROL THE EXTERNAL LIGHTS.	WHITE	3 X TRIDONIC 28002420

NOTES

1. EXTENT OF WORKS

THE ELECTRICAL SERVICES 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.
 - LIGHTING MODIFICATIONS AND ADDITIONS.
 - LIGHTING CONTROL.
 - REPLACING CEILING FANS.
 - BACKGROUND MUSIC SYSTEM.
 - REMOVAL OF ALL EXISTING ELECTRICAL SERVICES MADE REDUNDANT BY THE WORKS.
 - 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 CONTRACTORS 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 CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE INSTALLATION IS FIT FOR PURPOSE AND IS PROVIDED AS A COMPLETE WORKING INSTALLATION. IT IS THE ELECTRICAL 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.

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. ALL INTERNAL AND EXTERNAL FIXINGS ARE TO BE MARINE GRADE 316 STAINLESS STEEL.

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 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 CLIENT 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 RESCUE AUTHORITY.

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

6. LIGHTING

ALL OF THE LIGHT FITTINGS, LAMPS 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.
 - CEILING FANS.
 - EARTHING OF THE LIGHTING INSTALLATION.
 - LIGHTING CONTROL.
 - LIGHTING SUBCIRCUITS.
 - TESTING AND COMMISSIONING.


SET UP AND COMMISSION THE CASAMBI LIGHTING CONTROL SYSTEM IN SOUTH EAST QUEENSLAND PRIOR TO THE COMPONENTS BEING DELIVERED TO SITE.

7. BACKGROUND MUSIC

THE BACKGROUND MUSIC COMPONENT OF THIS CONTRACT INCLUDES THE PROVISION OF INTERNAL AND EXTERNAL SPEAKERS WIRED TO A DUAL ZONE AMPLIFIER LOCATED IN A NEW 19 INCH AV RACK. THE RACK IS TO INCLUDE A MEDIA SOURCE SELECTOR WITH AN AUDIO FROM THE EXISTING MATV SYSTEM. PROVIDE THE INTERNAL AND EXTERNAL ZONES EACH WITH A DEDICATED REMOTE WALL MOUNTED VOLUME CONTROLLER.

THE BACKGROUND MUSIC COMPONENT OF THIS CONTRACT INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING EXTENT OF WORK:
 - INTERNAL SPEAKERS.
 - EXTERNAL SPEAKERS.
 - DUAL ZONE AMPLIFIER.
 - MEDIA SOURCE SELECTOR.
 - AV RACK.
 - REMOTE WALL MOUNTED VOLUME CONTROLLER FOR EACH ZONE.
 - CABLING.
 - BALANCING OF THE SPEAKERS.
 - TESTING AND COMMISSIONING.

REFER TO THE BACKGROUND MUSIC SCHEMATIC FOR ADDITIONAL DETAILS.

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: SUNSET TAVERN, KARUMBA - LIGHTING & AV	A INFORMATION 04/08/2023 REV: DESCRIPTION: DATE:
			2 WARD STREET, KARUMBA, QUEENSLAND	DRAWING: ELECTRICAL SERVICES LEGEND & NOTES
				SCALE: NOT TO SCALE AT A1 PROJECT NO: C3086a DRAWING NO: E01 REVISION: A