



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375

Website: www.edg.net.au Email: brisbane@edg.net.au

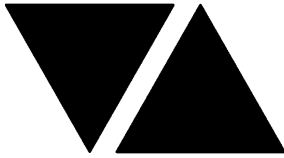
C2969a - BLUE FIN FISHING CLUB, INALA - ALTERATIONS
ELECTRICAL SERVICES CONTRACT DOCUMENT SCHEDULE
REVISION F - 30 APRIL 2024

C2969a-0001(F).xls

ISSUING INFORMATION				DATE OF ISSUE							
	DAY	07	15	23	01	18	30				
	MONTH	02	02	02	03	04	04				
	YEAR	24	24	24	24	24	24				
REASON FOR ISSUE				T	T	T	T	C	C		
A = APPROVAL C = CONSTRUCTION N = COORDINATION P = PRELIMINARY T = TENDER											

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DOCUMENTS		REVISION									
C2969a-E01.dwg	LEGEND, SCHEMATICS & DETAILS	A			B	C					
C2969a-E02.dwg	NOTES	A	B			C					
C2969a-E03.dwg	SITE PLAN	A	B		C	D					
C2969a-E04.dwg	FLOOR PLAN	A	B	C	D	E	F				
C2969a-E05.dwg	REFLECTED CEILING PLAN	A	B	C	D	E					
C2969a-E06.dwg	INTERNAL ELEVATION DETAILS	A		B	C	D					
C2969a-0001.xls	CONTRACT DOCUMENT SCHEDULE	A	B	C	D	E	F				
C2969a-0002.xls	EQUIPMENT SCHEDULE	A	B	C	D	E					
C2969a-0004.xls	LIGHTING CONTROL SCHEDULE	A		B	C	D					
C2969a-0005.xls	DISTRIBUTION BOARD DB-T SCHEDULE	A	B		C	D					
C2969a-0001.zip	FITTING & OUTLET DATASHEETS				A	B					



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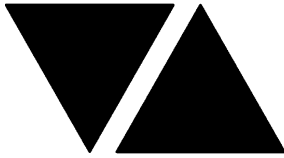
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ELECTRICAL EQUIPMENT SCHEDULE

REVISION E - 18 APRIL 2024

THE LIGHT FITTING SUPPLIER CONTACT DETAILS MAY BE AVAILABLE ON THE EDG WEBSITE VIA THE FOLLOWING LINK
www.edg.net.au/Links/Lighting.htm

TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
L1	22W 3000K LED	RECESSED DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	BLACK	GAMMA ILLUMINATION COBALT 1401-3K-22W	B
L2	13W 3000K LED	RECESSED ADJUSTABLE DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	BLACK	GAMMA ILLUMINATION MYLO 1004-VWFL-3K-13W	A
L3	13W 3000K LED	RECESSED DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	BLACK	GAMMA ILLUMINATION RHO 1001-3K-13W	A
L4	13W 3000K LED	RECESSED ADJUSTABLE DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	WHITE	GAMMA ILLUMINATION MYLO 1004-VWFL-3K-13W	A
L5	22W 3000K LED	RECESSED DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	WHITE	GAMMA ILLUMINATION COBALT 1401-3K-22W	A
L6	13W 3000K LED	RECESSED DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	WHITE	GAMMA ILLUMINATION RHO 1001-3K-13W	A
L7	22W 3000K LED	RECESSED DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	WHITE	GAMMA ILLUMINATION COBALT 1402-3K-22W	A
L8	120W 3000K LED	EXTERNAL ADJUSTABLE FLOOD LIGHT MOUNTED ON THE FACIA AS HIGH AS PRACTICAL C/W DALI DIMMABLE DRIVER.	BLACK	GAMMA ILLUMINATION ALTUS 1696-3K-120W	A
L9	NO LONGER REQUIRED				E
L10	3000K LED	LED STRIP LIGHT MOUNTED IN THE SUSPENDED BULKHEAD AS PER THE ARCHITECTURAL DETAIL PROVIDE THE L10 STRIP WITH A COMMON REMOTE 240-24V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT PER GROUP NOT EXCEEDING 10M OF STRIP	NA	NPA L-NF-GLOW-WW + POWER SUPPLY & DALI CONTROLLER	C



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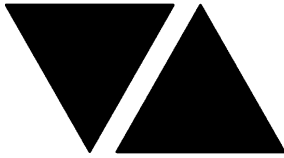
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www.edg.net.au/Links/Lighting.htm

TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
L11	3000K LED	FLEXIBLE LED ROPE FLEX SCREW FIXED RECESSED IN PLACE WITHIN THE SERVERY COUNTER AS PER THE DETAILED ELEVATION AND THE ARCHITECTURAL DETAIL PROVIDE THE L11 STRIP WITH A COMMON REMOTE 240-24V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT PER GROUP NOT EXCEEDING 10M OF STRIP	WHITE	NPA L-NF-GLOW-WWW + POWER SUPPLY & DALI CONTROLLER	A
L12	3000K LED	LED STRIP LIGHT MOUNTED IN THE PLANTER BASE AS PER THE ARCHITECTURAL DETAIL PROVIDE THE L12 STRIP WITH A COMMON REMOTE 240-24V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT PER GROUP NOT EXCEEDING 10M OF STRIP	NA	NPA L-NF-GLOW-WWW + POWER SUPPLY & DALI CONTROLLER	C
L13	5W 3000K LED	RECESSED DOWNLIGHT LIGHT MOUNTED BETWEEN THE TIMBER BLADES C/W A REMOTE DALI DIMMABLE DRIVER / POWER SUPPLY. IT IS ACCEPTABLE TO SUPPLY MULTIPLE L13 FITTINGS FROM A SINGLE POWER SUPPLY	WHITE	GAMMA ILLUMINATION 83011 CIMI CUSTOM	B
L14	2250 LUMENS/M 4000K LED	2400 LONG ROD SUSPENDED EXTRUSION C/W REMOTE DALI DIMMABLE DRIVER CONFIRM THE SUSPENSION HEIGHT ON SITE WITH THE ARCHITECT.	WHITE	KLIK SYSTEMS KALLI BEAM 80 D	D
L15	13W 3000K LED	RECESSED DOWNLIGHT C/W REMOTE DRIVER SUPPLIED FROM THE LOCAL EXISTING LIGHTING CIRCUIT,	WHITE	GAMMA ILLUMINATION RHO 1001-3K-13W	D
BL	3000K LED	LED MODULES MOUNTED IN THE REAR BAR DISPLAY AS PER THE SPORTS BAR SHELVEING DETAIL PROVIDE THE BL MODULES WITH A COMMON REMOTE 240-24V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT	NA	NPA WARM WHITE COR MODULES + POWER SUPPLY & DALI CONTROLLER	C
CL1	3000K LED	CEILING SPHERE C/W REMOTE DALI DIMMABLE DRIVER ALLOW TO INSTALL	WHITE BASE	ALLOW A PC SUM OF \$500.00 PLUS GST FOR THE SUPPLY OF EACH CL1 FITTING	B
PL1A	3000K LED	PENDANT FITTING WITH TWO SPHERES AT DIFFERENT DROP LENGTHS C/W REMOTE DALI DIMMABLE DRIVER ALLOW TO INSTALL	BLACK BASE AND SUSPENSION	ALLOW A PC SUM OF \$1,000.00 PLUS GST FOR THE SUPPLY OF EACH PL1A FITTING	B
PL1B	3000K LED	PENDANT FITTING WITH FOUR SPHERES AT DIFFERENT DROP LENGTHS C/W REMOTE DALI DIMMABLE DRIVER ALLOW TO INSTALL	BLACK BASE AND SUSPENSION	ALLOW A PC SUM OF \$1,800.00 PLUS GST FOR THE SUPPLY OF EACH PL1B FITTING	B
PL1C	3000K LED	PENDANT FITTING WITH THREE SPHERES AT DIFFERENT DROP LENGTHS C/W REMOTE DALI DIMMABLE DRIVER ALLOW TO INSTALL	BLACK BASE AND SUSPENSION	ALLOW A PC SUM OF \$1,400.00 PLUS GST FOR THE SUPPLY OF EACH PL1C FITTING	B



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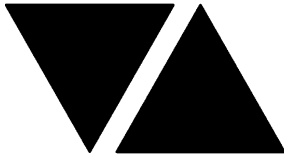
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ELECTRICAL EQUIPMENT SCHEDULE

REVISION E - 18 APRIL 2024

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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
PL1D	3000K LED	PENDANT FITTING WITH TWO SPHERES WITH THE SAME DROP LENGTHS C/W REMOTE DALI DIMMABLE DRIVER ALLOW TO INSTALL	BLACK BASE AND SUSPENSION	ALLOW A PC SUM OF \$1,000.00 PLUS GST FOR THE SUPPLY OF EACH PL1D FITTING	B
PL2A	NO LONGER REQUIRED				E
PL2B	NO LONGER REQUIRED				E
PL2C	NO LONGER REQUIRED				E
PL2D	NO LONGER REQUIRED				E
PL2E	NO LONGER REQUIRED				E
PL2F	NO LONGER REQUIRED				E
PL3	3000K LED	PENDANT ROPE LIGHT CENTRED OVER THE POOL TABLE	NA	SATELITE ENTWINE PENDANT LIGHT	A
WL1	240V 2700K LED 5W	DECORATIVE 250 DIA WALL LIGHT MOUNTED AS PER THE ARCHITECTURAL ELEVATION PROVIDE THE FITTING WITH A OPAL SPHERE LAMP	STORM	LIGHTING COLLECTIVE CERAMIC DISH WALL LIGHT	A
HEATER TYPE 1 (HL1)		1200 LONG LINEAR HEAT LAMP MOUNTED UNDER THE LOWER SERVERY SHELF AS PER THE ARCHITECTURAL DETAIL ALL CABLING IS TO BE CONCEALED	SILVER	ROBAND HQ1200E	A
HEATER TYPE 2 (HL2)		CEILING MOUNTED ADJUSTABLE HEATER C/W CUSTOM SUPPORT / SUSPENSIONS AS REQUIRED	DESIGNER COLOUR ANTIQUE COPPER	HATCO DL-R-R-700 PLUS 100W IR LAMP	A
H3	EXITING EXTERNAL HEATER TO REMAIN PROVIDE THE HEATER WITH A NEW SUPPLY FROM DB-T.				A



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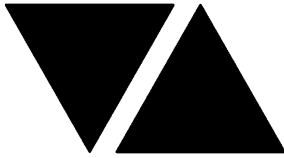
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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
H4		EXITING EXTERNAL HEATER TO BE RELOCATED TO THE H5 POSITION			A
H5		RELOCATED EXTERNAL HEATER PROVIDE THE HEATER WITH A NEW SUPPLY FROM DB-T.			A
E1	LED	EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D63 - C90-D63.	WHITE UNLESS NOTED AS BLACK (BK)	CLEVERTRONICS LLIFE	B
EX	LED	EXIT LIGHT: MAINTAINED 24M VIEWING DISTANCE EXIT LIGHT C/W DIFFUSERS & DIRECTIONAL ARROWS AS SHOWN. CEILING SURFACE MOUNT 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. AS2293 CLASSIFICATION C0-D1.25- C90-D2	BLACK	CLEVERTRONICS LUBPRO-SM	A
MANUAL DALI POT DIMMER / LIGHT SWITCH		DALI POT C/W INTEGRAL 20 DALI DEVICE POWER SUPPLY C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE. FACTOR SET POWER ON RETURN TO LAST LEVEL.	WHITE	SMARTSCAPE DALI RD20 CLIPSAL C2000	D
ONE-WAY LIGHT SWITCH		ONE-WAY LIGHT SWITCH C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES 30USM	A
SINGLE POWER OUTLET		SINGLE 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 UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES	A
SINGLE POWER OUTLET AUTO DOOR (AD)		SINGLE POWER OUTLET C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNTED CONCEALED WITHIN THE AUTO DOOR MULLION. RATING 10A U.N.O.	WHITE	CLIPSAL C2000 SERIES	A
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 UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES	A
WEATHERPROOF POWER OUTLET (WP)		IP54 WEATHERPROOF SINGLE / DOUBLE POWER OUTLET AS NOTED ON DRAWING C/W COVER FLAP OVER SOCKET. MOUNT AT MINIMUM 1100mm AFFL U.N.O. RATING 10A U.N.O.	-	CLIPSAL WSCF227F	B
SPECIAL PURPOSE OUTLET		SPECIAL PURPOSE OUTLET TYPE AS NOTED. MOUNT AT 1350mm AFFL U.N.O. RATING 20A U.N.O. CONNECT TO EQUIPMENT VIA FLEXIBLE CONDUIT.			A
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	A

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Pages inc. any attach. 4 of 5



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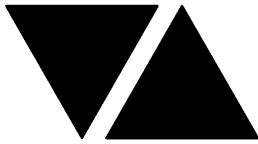
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ELECTRICAL EQUIPMENT SCHEDULE

REVISION E - 18 APRIL 2024

THE LIGHT FITTING SUPPLIER CONTACT DETAILS MAY BE AVAILABLE ON THE EDG WEBSITE VIA THE FOLLOWING LINK
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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
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	A
DB-T		PROVIDE A NEW DISTRIBUTION BOARD DB-T AS PER THE DB-T SCHEDULE AND NOTES. PROVIDE A NEW SUBMAIN FROM THE NEW MCCB IN THE MSB TO SUPPLY DB-T. REFER TO THE DB-T SCHEDULE FOR DETAILS OF THE SUBMAIN SIZE.			A
DB-K		EXISTING DISTRIBUTION BOARD DB-K. REMOVE ANY CIRCUITS MADE REDUNDANT BY THE WORKS AND UPDATE THE SCHEDULE PRIOR TO PRACTICAL COMPLETION.			A
MSB		MAIN SWITCHBOARD TO BE PROVIDED WITH NEW 160 AMP MCCB THAT MATCHES THE EXISTING BRAND TO SUPPLY DB-T. UPDATE THE MSB LABELLING PRIOR TO PRACTICAL COMPLETION.			A
HEATER LOAD CENTRES		REMOVE THE EXISTING HEATER LOAD CENTRES AND SUPPLY. PROVIDE ALL NEW CIRCUITS FOR THE EXTERNAL HEATERS FROM DB-T.			A
COMMUNICATIONS RACK (CR-A)		EXISTING COMMUNICATIONS RACK. PROVIDE ADDITIONAL PATCH PANELS TO MATCH THE EXISTING AS NECESSARY TO ACCOMMODATE THE ADDITIONAL COMMUNICATIONS OUTLETS. UPDATE THE PATCH PANEL LABELLING PRIOR TO PRACTICAL COMPLETION.			A
COMMUNICATIONS OUTLET		RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO CAT 6 PATCH PANELS IN RACK CR-A VIA 4-PAIR CAT-6 UTP CABLE. MOUNT UP TO 3 RJ45 OUTLETS PER MULTI-GANG FACEPLATE WITH SEPARATE PERMANENT LABELLING FOR EACH OUTLET. MOUNT AT 300 AFFL UNLESS NOTED OTHERWISE	WHITE UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES	A
HDMI CABLE (HDM1)		PROVIDE EACH HDMI POINT AS A FACTORY TERMINATED HDMI CABLE LESS THAN 15M IN LENGTH RUNNING BACK TO THE NOMINATED HDMI POINT ADJACENT THE NODI LOCATED IN JOINERY. PROVIDE SLACK IN THE CABLE AT EACH END TO ALLOW CONNECTION TO THE TV AND NODI. PERMANENTLY LABEL EACH OUTLET AND THE CABLES CORRESPONDING END. PROVIDE A WHITE TRADER COBRUSH FACEPLATE AT EACH HDMI POINT TO FACILITATE THE HDMI CABLES ENTERING THE WALL CAVITY.			A
FIRE INDICATOR PANEL (FIP)		EXISTING FIRE INDICATOR PANEL TO BE UPGRADED AS NECESSARY TO ACCOMMODATE THE WORKS.			A
FIRE EVACUATION SPEAKER		RECESSED 5W TWO-TONE 8-INCH CONE ALERT AND EVACUATION SPEAKER TO AS1670.1 C/W 100V MULTI-TAP TRANSFORMER AND FLUSH GRILLE PAINTED OUT TO MATCH THE CEILING. (SM) DENOTES TO BE SURFACE MOUNT. WHITE UNLESS NOTED AS BLACK.			A
SMOKE DETECTOR		SURFACE MOUNTED SMOKE DETECTOR TO AS1670. WHITE UNLESS NOTED AS BLACK.			A



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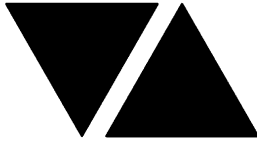
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LIGHTING CONTROL SCHEDULE

REVISION D - 18 APRIL 2024

MISCELLANEOUS EQUIPMENT					REV
ITEM	DESCRIPTION				A
CONTROL MODULE 1					A
TYPE:	DYNALITE DDRC1220FR-GL				A
DESCRIPTION	12 CH SWITCHING CONTROLLER				A
LOCATION	DIN RAIL MOUNTED WITHIN DB-T				A
BUS:	A				A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUIT	USE	A
1	SWITCH	BISTRO	DB-T - L2	WL1	A
2	SWITCH	POOL TABLE	DB-T - L5	PL3	A
3	SWITCH				A
4	SWITCH				A
5	SWITCH				A
6	SWITCH	PLAYGROUND	DB-T - L6	PLAYGROUND	C
7	SPARE				A
8	SPARE				A
9	SPARE				A
10	SPARE				A
11	SPARE				A
12	SPARE				A
CONTROL MODULE 2					A
TYPE:	DYNALITE DDBC1200				A
DESCRIPTION	12CH BOARD CAST DALI CONTROLLER				A
LOCATION	DIN RAIL MOUNTED WITHIN DB-T				A
BUS:	A				A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUIT	USE	A
13	DALI DIM	BISTRO	DB-T - L2	L6	A
14	DALI DIM	BISTRO	DB-T - L2	L6	A
15	DALI DIM	BISTRO	DB-T - L2	L6	A
16	DALI DIM	BAR	DB-T - L2	L6	A
17	DALI DIM	BISTRO	DB-T - L3	L5	A
18	DALI DIM	BISTRO	DB-T - L3	L10	A
19	DALI DIM	BISTRO	DB-T - L3	L11	A
20	DALI DIM	BISTRO	DB-T - L3	L5	A
21	DALI DIM	BAR	DB-T - L4	PL1	A
22	DALI DIM	BAR	DB-T - L4	L4	A
23	DALI DIM	BAR	DB-T - L4	L5	A
24	DALI DIM	TAB	DB-T - L4	L1	A



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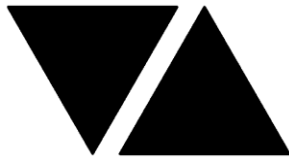
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LIGHTING CONTROL SCHEDULE

REVISION D - 18 APRIL 2024

CONTROL MODULE 3					A
TYPE:		DYNALITE DDBC1200			A
DESCRIPTION		12CH BOARD CAST DALI CONTROLLER			A
LOCATION		DIN RAIL MOUNTED WITHIN DB-T			A
BUS:		A			A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUIT	USE	A
25	DALI DIM	POOL TABLE	DB-T - L5	L2	A
26	DALI DIM	POOL TABLE	DB-T - L5	L3	A
27	DALI DIM				D
28	DALI DIM	LOUNGE	DB-T - L11	CL1	A
29	DALI DIM				D
30	DALI DIM	LOUNGE	DB-T - L12	CL1	A
31	DALI DIM	LOUNGE	DB-T - L6	PL1	D
32	DALI DIM	LOUNGE	DB-T - L6	PL1	D
33	DALI DIM	PLAY	DB-T - L8	L8	A
34	DALI DIM	EXTRENAL	DB-T - L8	L9	A
35	DALI DIM	LOUNGE	DB-T - L9	L7	A
36	DALI DIM	LOUNGE	DB-T - L10	L7	A
CONTROL MODULE 4					B
TYPE:		DYNALITE DDBC1200			B
DESCRIPTION		12CH BOARD CAST DALI CONTROLLER			B
LOCATION		DIN RAIL MOUNTED WITHIN DB-T			B
BUS:		A			B
CHANNEL	CONTROL	DESCRIPTION			B
		LOCATION	CIRCUIT	USE	B
37	DALI DIM	BAR COUNTER	DB-T - L4	L5	B
38	DALI DIM	PLANTER	DB-T - L6	L12	B
39	DALI DIM	PLANTER	DB-T - L6	L12	B
40	DALI DIM	REAR BAR DISPLAY	DB-T - L4	BL	B
41	DALI DIM	SOUND CEILING TAB	DB-T - L4	L15	C
42	DALI DIM				B
43	DALI DIM				B
44	DALI DIM				B
45	DALI DIM				B
46	DALI DIM				B
47	DALI DIM				B
48	DALI DIM				B



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C2969a - BLUE FIN FISHING CLUB, INALA - ALTERATIONS














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DISTRIBUTION BOARD DB-T





















REVISION D - 18 APRIL 2024

FAULT CURRENT: 6KA							250A NON AUTO LOAD BREAK	REV
MAIN SWITCH:								A
CHASSIS SIZE: 84 POLE								A
SUPPLIED FROM: MSB								A
CHASSIS RATING: 250A							4C70	A
SUPPLY CABLE:								A
PHASES: 3								
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS INCLUDING THE DYNALITE EQUIPMENT PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. IN ADDITION TO THE CIRCUITS NOTED BELOW PROVIDE ALL NEW AS3000 COMPLIANT SWITCHGEAR AND CONTROLS TO SUPPLY THE EXISTING SERVICES NOTED AS BEING RESUPPLIED FROM DB-T. THE SWITCHGEAR AND CONTROLS ARE TO MATCH THE EXISTING IN CAPACITY AND FUNCTION.							A	
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE		
P1	1	20	RCBO	2.5	LOUNGE	PROJECTOR	A	
P2	1	20	RCBO	2.5	LOUNGE	CLEANING	A	
P3	1	20	RCBO	2.5	TAB	TV	A	
P4	1	20	RCBO	2.5	TAB	TAB	A	
P5	1	20	RCBO	2.5	TAB	SST	A	
P6	1	20	RCBO	2.5	TAB	NODI	A	
P7	1	20	RCBO	2.5	BAR	GLASS WASHER	A	
P8	1	20	RCBO	2.5	BAR	WATER	A	
P9	1	20	RCBO	2.5	BAR	TV	A	
P10	1	20	RCBO	2.5	BAR	POS	A	
P11	1	20	RCBO	2.5	SERVERY	MENUS TV	A	
P12	1	32	RCBO	6.0	SERVERY	FRYER	A	
P13	1	20	RCBO	2.5	SERVERY	ROTISSERIE	A	
P14	1	20	RCBO	2.5	SERVERY	CAKE DISPLAY	A	
P15	1	20	RCBO	2.5	DINING	TV	A	
P16	1	20	RCBO	2.5	LOUNGE	VENDING	A	
P17	1	20	RCBO	2.5	LOUNGE	AUTO DOOR	A	
P18	1	20	RCBO	2.5	LOUNGE	TV	B	
P19	1	20	RCBO	2.5	SERVERY	REFRIGERATOR	C	
L1	1	20	RCBO	2.5		LIGHTS	A	
L2	1	20	RCBO	2.5		LIGHTS	A	
L3	1	20	RCBO	2.5		LIGHTS	A	
L4	1	20	RCBO	2.5		LIGHTS	A	
L5	1	20	RCBO	2.5		LIGHTS	A	
L6	1	20	RCBO	2.5		LIGHTS	A	
L7							D	
L8	1	20	RCBO	2.5		LIGHTS	A	
L9	1	20	RCBO	2.5		LIGHTS	A	
L10	1	20	RCBO	2.5		LIGHTS	A	
L11	1	20	RCBO	2.5		LIGHTS	A	
L12	1	20	RCBO	2.5		LIGHTS	A	






























LEGEND

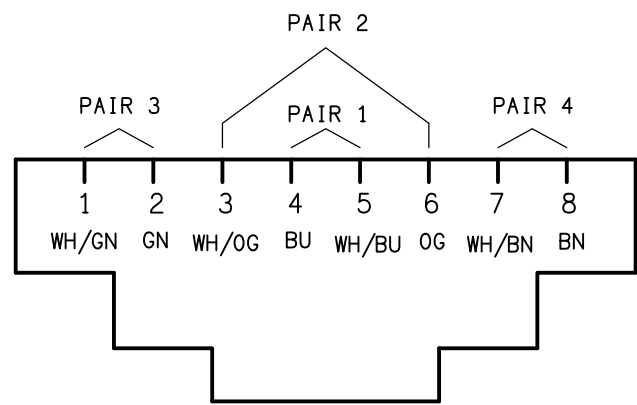
-  ELECTRICAL SERVICES SWITCHBOARD.
-  SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF THE ELECTRICAL SUBCONTRACT.
-  SINGLE POWER OUTLET.
-  DOUBLE POWER OUTLET.
-  SPECIAL PURPOSE POWER OUTLET.
-  SIGNAGE CONNECTION.
-  SINGLE PHASE ISOLATOR.
-  THREE PHASE ISOLATOR.
-  CONDUIT ROUTE.
-  ONE-WAY LIGHT SWITCH.
-  TWO-WAY LIGHT SWITCH.
-  MANUAL DALI DIMMER.
-  CIRCUIT LINE.
-  SWITCH LINE.
- DB-x - Py

POWER CIRCUIT DESIGNATION. DENOTES DB AND CIRCUIT.
- xx

LIGHTING CONTROL CHANNEL REFERENCE.
-  ELECTRICAL EQUIPMENT AS NOTED.
-  RJ45 COMMUNICATIONS OUTLET.
-  HDMI OUTLET.
-  FIRE EVACUATION SPEAKER.
-  FIRE STROBE VISUAL INDICATOR.
-  FIRE INDICATOR PANEL.
-  FIRE DOOR INTERFACE.
-  SMOKE DETECTOR.
-  FUSE.
-  SINGLE PHASE.
-  THREE PHASE.
-  CURRENT TRANSFORMER C/W REMOVABLE LINK.
-  FUSE LINK.
-  COMBINED FUSE SWITCH.
-  CIRCUIT BREAKER.
-  ISOLATOR.
-  RESIDUAL CURRENT DEVICE.
-  CONTACTOR - NORMALLY OPEN.
-  CONTACTOR - NORMALLY CLOSED.
-  REFER TO DETAIL NOTED FOR THE AREA SHOWN HATCHED. ADDITIONAL OUTLETS & FITTINGS MAY BE SHOWN ON DETAIL.

LEGEND

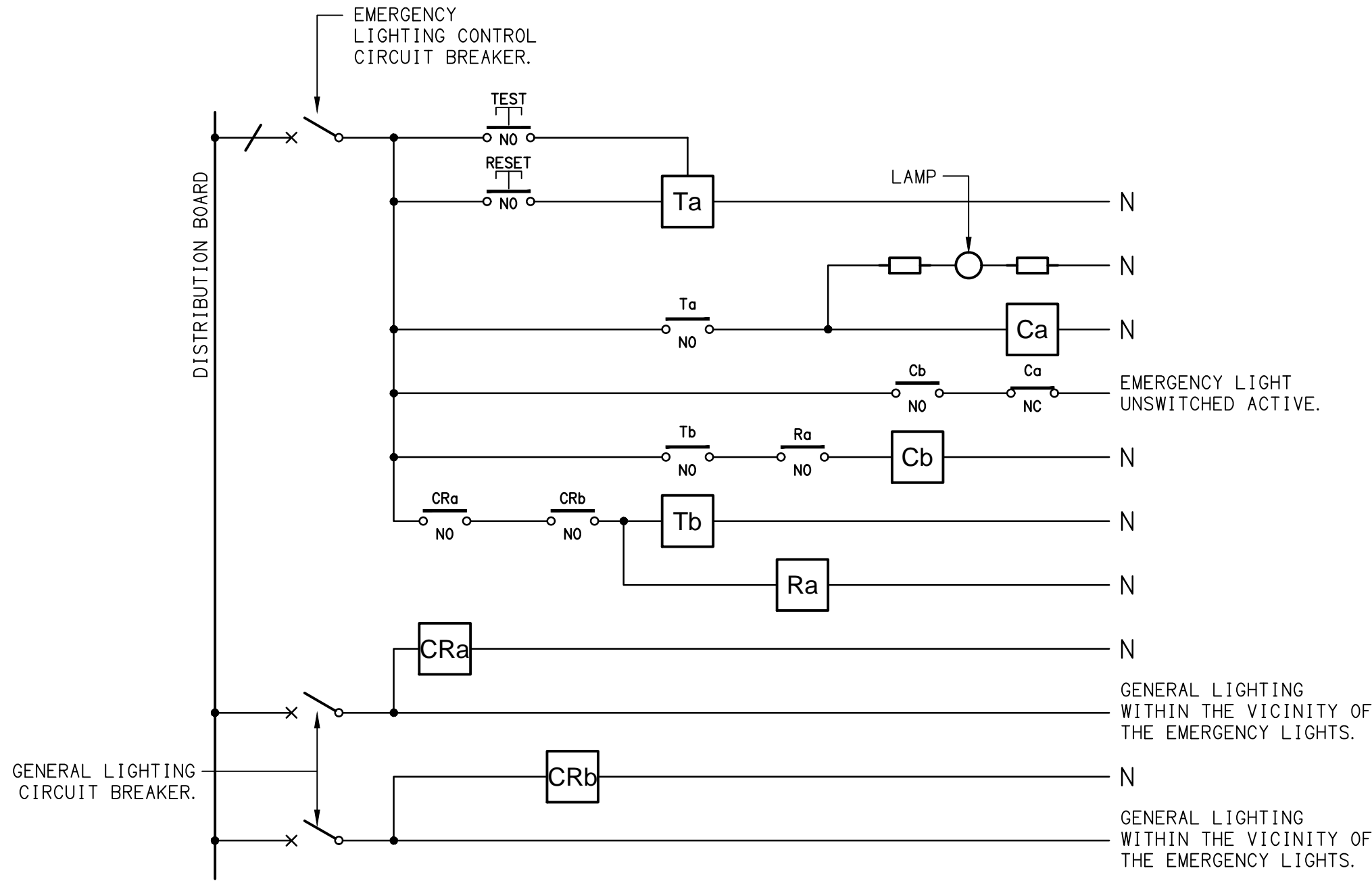
- E1  E1: GENERAL LED EMERGENCY LIGHT.
- EX  EX: EMERGENCY LED EXIT LIGHT.
- Lx  Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK. TYPE AS NOTED.
- L1  L1: RECESSED DOWNLIGHT.
- L2  L2: RECESSED ADJUSTABLE DOWNLIGHT.
- L3  L3: RECESSED DOWNLIGHT.
- L4  L4: RECESSED ADJUSTABLE DOWNLIGHT.
- L5  L5: RECESSED DOWNLIGHT.
- L6  L6: RECESSED DOWNLIGHT.
- L7  L7: RECESSED DOWNLIGHT.
- L8  L8: EXTERNAL ADJUSTABLE FLOOD LIGHT.
- L9  L9: NO LONGER REQUIRED.
- L10  L10: RGB LED STRIP LIGHT WITHIN BULKHEAD.
- L11  L11: FLEXIBLE LED ROPE LIGHT WITHIN SERVERY COUNTER.
- L12  L12: RGB LED STRIP LIGHT WITHIN PLANTER.
- L13  L13: RECESSED DOWNLIGHT BETWEEN TIMBER BLADES.
- L14  L14: 2400 LONG LINEAR PENDANT.
- L15  L15: RECESSED DOWNLIGHT.
- BL  BL: RGB LED BACK LIGHT.
- CL1  CL1: DECORATIVE CEILING SPHERE PENDANT.
- PL1x  PL1x: DECORATIVE SUSPENDED SPHERE PENDANT, TYPE AS NOTED.
- PL2x  PL2x: NO LONGER REQUIRED.
- PL3  PL3: PENDANT ROPE LIGHT CENTRED OVER POOL TABLE.
- WL1  WL1: DECORATIVE WALL LIGHT.
- H1  H1: STRIP HEATER.
- H2  H2: PENDANT HEATER.
- H3  H3: EXISTING EXTERNAL HEATER TO REMAIN.
- H4  H4: EXISTING EXTERNAL HEATER TO BE RELOCATED TO THE H5 POSITION.
- H5  H5: EXISTING RELOCATED EXTERNAL HEATER.



SCHEMATIC
RJ45 PINOUT CONFIGURATION
NOT TO SCALE

EQUIPMENT:

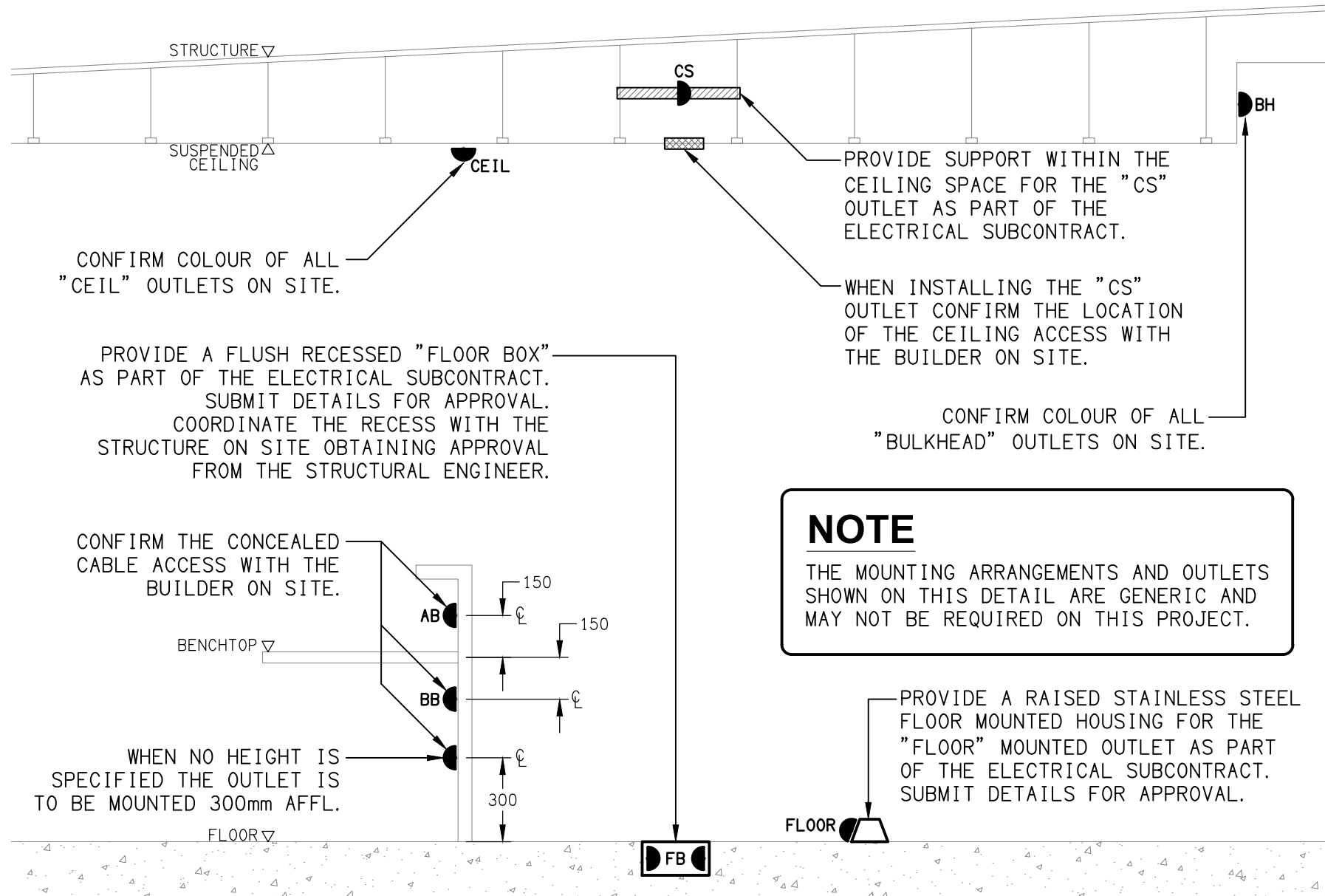
- TEST - TEST PUSH BUTTON MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.
- RESET - RESET PUSH BUTTON MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.
- LAMP - AMBER TEST INDICATING LAMP MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.
- Ta - ADJUSTABLE 0-3 HOUR TIMED RELAY.
- Tb - 15 MINUTE RUN-ON TIMER TO OPERATE UPON THE RETURN OF MAINS POWER.
- Cx - CONTACTOR x.
- CRx - CONTROL RELAY x.
- Rx - RELAY x.



SCHEMATIC
EMERGENCY LIGHTING
NOT TO SCALE

NOTES

- THE EMERGENCY LIGHT UNSWITCHED ACTIVE / GENERAL LIGHTING SWITCHED ACTIVE CIRCUIT ARRANGEMENT AND CONTROL IS TYPICAL FOR ALL CIRCUITS SUPPLYING EMERGENCY LIGHTS.
- PROVIDE ADDITIONAL CONTROL RELAYS (CRx) CONFIGURED AS PER CRa AND CRb FOR ALL ADDITIONAL LIGHTING CIRCUITS THAT SUPPLY LIGHTS IN THE VICINITY OF THE EMERGENCY LIGHTS.



DETAIL
TYPICAL OUTLET MOUNTINGS
NOT TO SCALE

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.

C	CONSTRUCTION	18/04/2024
REV:	DESCRIPTION:	DATE:

ELECTRICAL DESIGN GROUP
ELECTRICAL BUILDING SERVICES CONSULTANTS

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

ELECTRICAL DESIGN GROUP BRISBANE PTY LTD
ACN 092 710 793

TRADING AS:
ELECTRICAL DESIGN GROUP

PROJECT:

**BLUE FIN FISHING CLUB
INALA - ALTERATIONS**

SITE ADDRESS:
**24 LILAC STREET, INALA
QUEENSLAND**

SCALE: SHEET SIZE:

NOT TO SCALE AT A1

DRAWING TITLE:

**ELECTRICAL SERVICES
LEGEND, SCHEMATICS
& DETAILS**

PROJECT NO: DRAWING NO: REVISION:

C2969a E01 C

NOTE

ALL ELECTRICAL PENETRATIONS THROUGH THE ROOF SHEETING ARE TO BE IN LINE WITH THE STRUCTURAL OR MECHANICAL SERVICES PENETRATIONS TO AVOID DEDICATED FLASHINGS FOR THE ELECTRICAL SERVICES.

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.
- INSPECTIONS.
- TESTING AND COMMISSIONING.
- MAINTENANCE.
- CABLING, CABLE SUPPORT SYSTEMS AND ACCESS.
- POWER DISTRIBUTION.
- LIGHTING.
- COMMUNICATIONS CABLING.
- FIRE ALARM SYSTEM.
- 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.

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

REFER TO THE EQUIPMENT SCHEDULE FOR ADDITIONAL REQUIREMENTS.

2. WORKMANSHIP

ENSURE THAT THE ELECTRICAL WORK IS PERFORMED BY THE HOLDER OF A CURRENT ELECTRICAL SUB CONTRACTOR LICENSE AND THE SERVICES COVERED BY THE ACMA IS PERFORMED BY THE HOLDER OF THE APPROPRIATE CURRENT ACMA 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 EMERGENCY SERVICES.

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. POWER DISTRIBUTION

THE POWER DISTRIBUTION COMPONENT OF THIS CONTRACT INCLUDES THE PROVISION OF A NEW DISTRIBUTION BOARD DB-T SUPPLIED VIA NEW 4 CORE Cu XLPE SUBMAIN PROTECTED BY NEW MOULDED CASE THREE PHASE CIRCUIT BREAKER IN THE MSB. ALL OF THE EXISTING SWITCHBOARDS, CIRCUITS, CABLING AND OUTLETS THAT BECOME REDUNDANT ARE TO BE REMOVED. THE EXISTING CIRCUITS THAT REMAIN ARE TO BE RECONNECTED TO DB-T WITH NEW SWITCHGEAR AND CONTROLS. THE EXISTING HEATER LOAD CENTRES ARE TO BE REMOVED AND THE HEATERS PROVIDED WITH NEW CIRCUITS FROM DB-T

ANY INTERRUPTION TO THE POWER SUPPLY TO ANY SERVICES OUTSIDE OF THE AREA OF WORKS MUST BE RESTRICTED TO OUTSIDE OF THE CLUBS OPERATING HOURS AND MUST BE 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.
- DB-T.
- SUBMAIN.
- MSB CIRCUIT BREAKER.
- REMOVAL OF THE EXISTING HEATER LOAD CENTRES.
- ROOF MOUNTED AIRCONDITIONING CIRCUIT AND ISOLATOR.
- CABLE ACCESS WAYS.
- CIRCUITS.
- ISOLATORS AND OUTLETS.
- TESTING AND COMMISSIONING.
- REMOVAL OF ALL EXISTING REDUNDANT SERVICES.
- RECONNECTION OF ALL EXISTING SERVICES THAT REMAIN.

REFER TO THE DISTRIBUTION BOARD SCHEDULE FOR ADDITIONAL REQUIREMENTS AND CIRCUIT DETAILS.

7. LIGHTING

THE CLUBS EXISTING PHILIPS DYNALITE LIGHTING CONTROL SYSTEM IS TO BE EXPANDED INTO DB-T AND ALL OF THE ASSOCIATED DB-T LIGHTS CONTROLLED BY THE DYNALITE SYSTEM. THE DYNALITE SYSTEM IS TO BE INTERFACED INTO THE CLUBS EXISTING CRESTRON CONTROL SYSTEM. BRAD CLEAL OF CRESTRON-SOLUTION AV AUTOMATION PTY LTD (04) 0229-0800 info@solutionav.com.au IS TO BE ENGAGED AS A NOMINATED SUB CONTRACTOR TO SUPPLY COMMISSION AND PROGRAM THE CRESTRON LIGHTING CONTROL SYSTEM IN ACCORDANCE WITH THE CLUB'S REQUIREMENTS. ALLOW TO ATTEND SITE TWICE DURING THE DEFECTS AND LIABILITY PERIOD AND UNDERTAKE ALL NECESSARY MODIFICATIONS TO THE LIGHTING CONTROL PROGRAMMING AS REQUESTED BY THE CLUB.

ALL OF THE LIGHT FITTINGS, LAMPS AND ACCESSORIES ARE TO BE PROVIDED AS PART OF THIS CONTRACT. ALL OF THE EXISTING LIGHTS, CIRCUITS, CABLING AND OUTLETS THAT BECOME REDUNDANT ARE TO BE REMOVED. ANY INTERRUPTION TO THE LIGHTING S OUTSIDE OF THE AREA OF WORKS MUST BE RESTRICTED TO OUTSIDE OF THE CLUBS OPERATING HOURS AND MUST BE ADVISED TO THE OPERATOR IN WRITING TWO WEEKS PRIOR.

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.
- EMERGENCY AND EXIT LIGHTING.
- EARTHING OF THE LIGHTING INSTALLATION.
- LIGHTING CONTROL.
- PHILIPS DYNALITE LIGHTING CONTROL SYSTEM.
- LIGHTING SUBCIRCUITS.
- TESTING AND COMMISSIONING.
- RECONNECTION OF THE EXISTING LIGHTING THAT REMAINS.
- REMOVAL OF ALL EXISTING REDUNDANT LIGHTING SERVICES.

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 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.

NOTES

8. COMMUNICATIONS

THE COMMUNICATIONS CABLING COMPONENT OF THIS CONTRACT INCLUDES THE MODIFICATION OF THE EXISTING UTP CABLING PLANT TO ACCOMMODATE THE NEW CAT 6 RJ45 COMMUNICATIONS OUTLETS CABLED TO THE EXISTING COMMUNICATIONS RACK. MODIFY/UPGRADE THE EXISTING COMMUNICATIONS RACK/PATCH PANELS AS NECESSARY TO ACCOMMODATE THE COMMUNICATIONS OUTLETS. THE COMMUNICATIONS CABLING COMPONENT OF THIS CONTRACT ALSO INCLUDES CAT 6 GAMING OUTLETS CABLED TO THE GAMING RACK AND THE INSTALLATION OF THE GAMING MONITORING DUPLEX FIBRE. MODIFY/UPGRADE THE EXISTING GAMING RACK / PATCH PANELS AS NECESSARY TO ACCOMMODATE THE GAMING OUTLETS.

ALL OF THE EXISTING COMMUNICATION AND GAMING CABLES THAT BECOME REDUNDANT ARE TO BE REMOVED. THE COMMUNICATIONS CABLING COMPONENT OF THIS CONTRACT INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING EXTENT OF WORK:

- COMMUNICATIONS OUTLETS.
- MODIFY/UPGRADE THE EXISTING COMMUNICATIONS RACK/PATCH PANELS.
- GAMING OUTLETS.
- MODIFY/UPGRADE THE EXISTING GAMING RACK/PATCH PANELS.
- REMOVAL OF EXISTING REDUNDANT COMMUNICATIONS AND GAMING CABLING.
- INSTALLATION OF THE GAMING MONITORING DUPLEX FIBRE CABLING.
- TESTING AND COMMISSIONING.

9. FIRE ALARM

THE FIRE ALARM COMPONENT OF THIS CONTRACT IS TO INCLUDE THE REPLACEMENT OF ALL OF THE EXISTING GAMING ROOM CEILING MOUNTED DETECTORS AND SPEAKERS WITH MATCHING BLACK FITTINGS. THE FIRE ALARM SYSTEM MUST BE MAINTAINED OPERATIONAL THROUGHOUT THE ENTIRE BUILDING WHEN IT IS OCCUPIED BY THE CLUB'S CUSTOMERS. THE FIRE ALARM COMPONENT OF THIS CONTRACT INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING EXTENT OF WORK:

- DETECTORS.
- SPEAKERS.
- TESTING AND COMMISSIONING.

10. 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.

MCCB - MOULDED CASE CIRCUIT BREAKER.

MSB - MAIN SWITCHBOARD.

N - NEON / LED INDICATOR WHEN ON.

NTS - NOT TO SCALE.

RCBO - CIRCUIT BREAKER C/W AN INTEGRAL 30mA RESIDUAL CURRENT DEVICE.

RCD - CIRCUIT PROTECTED VIA A 30mA RESIDUAL CURRENT DEVICE.

REF - REFRIGERATOR.

UNO - UNLESS NOTED OTHERWISE.

WP - WEATHERPROOF TO IP56 UNO.

500 - NUMBER DENOTES MOUNTING HEIGHT AFFL.

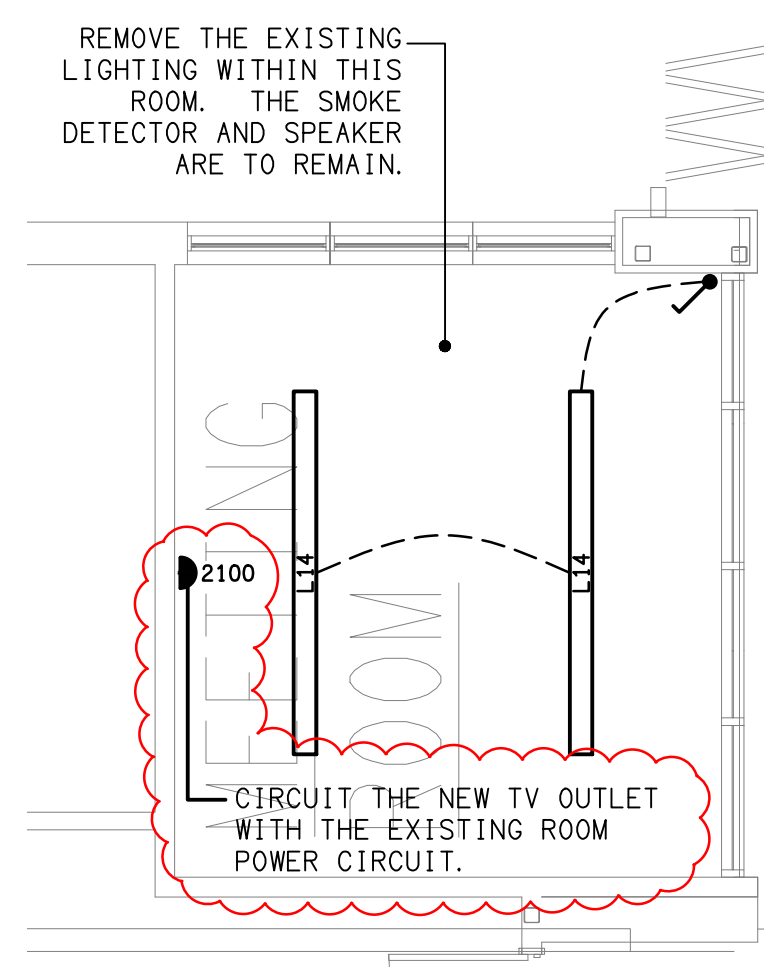
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<div><div>BRISBANE:</div><div>P.O. Box 15 Sherwood Qld 4075 Phone: (07) 3278 4375 Email: brisbane@edg.net.au Web: www.edg.net.au</div></div>		
<div><div>ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793</div><div>TRADING AS: ELECTRICAL DESIGN GROUP</div></div>		
PROJECT:		
BLUE FIN FISHING CLUB INALA - ALTERATIONS		
SITE ADDRESS:		
24 LILAC STREET, INALA QUEENSLAND		
SCALE: SHEET SIZE:		
NOT TO SCALE AT A1		
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DETAILA
MEETING ROOM LIGHTING
SCALE 1:50

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

ELECTRICAL DESIGN GROUP BRISBANE PTY LTD
ACN 092 710 793

TRADING AS:
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PROJECT:

**BLUE FIN FISHING CLUB
INALA - ALTERATIONS**

SITE ADDRESS:

24 LILAC STREET, INALA
QUEENSLAND

SCALE: SHEET SIZE:

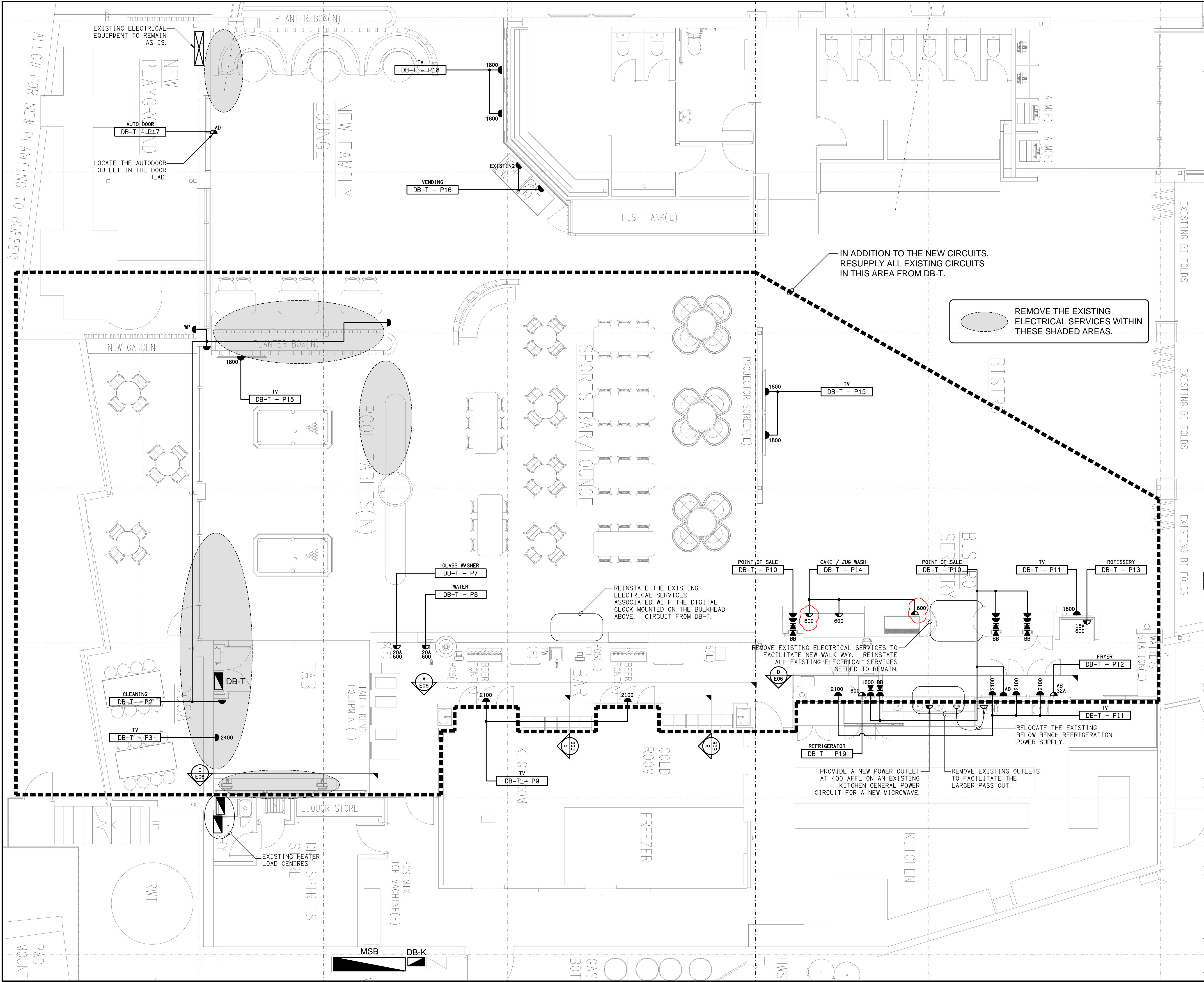
1:200 AT A1

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

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PTY LTD
ACN 092 710 793

TRADING AS:
ELECTRICAL DESIGN
GROUP

PROJECT:
**BLUE FIN FISHING CLUB
INALA - ALTERATIONS**

SITE ADDRESS:
24 LILAC STREET, INALA
QUEENSLAND

SCALE:
1:50

SHEET SIZE:
AT A1

DRAWING TITLE:
**ELECTRICAL SERVICES
FLOOR PLAN**

PROJECT NO:
C2969a

DRAWING NO:
E04

REVISION:
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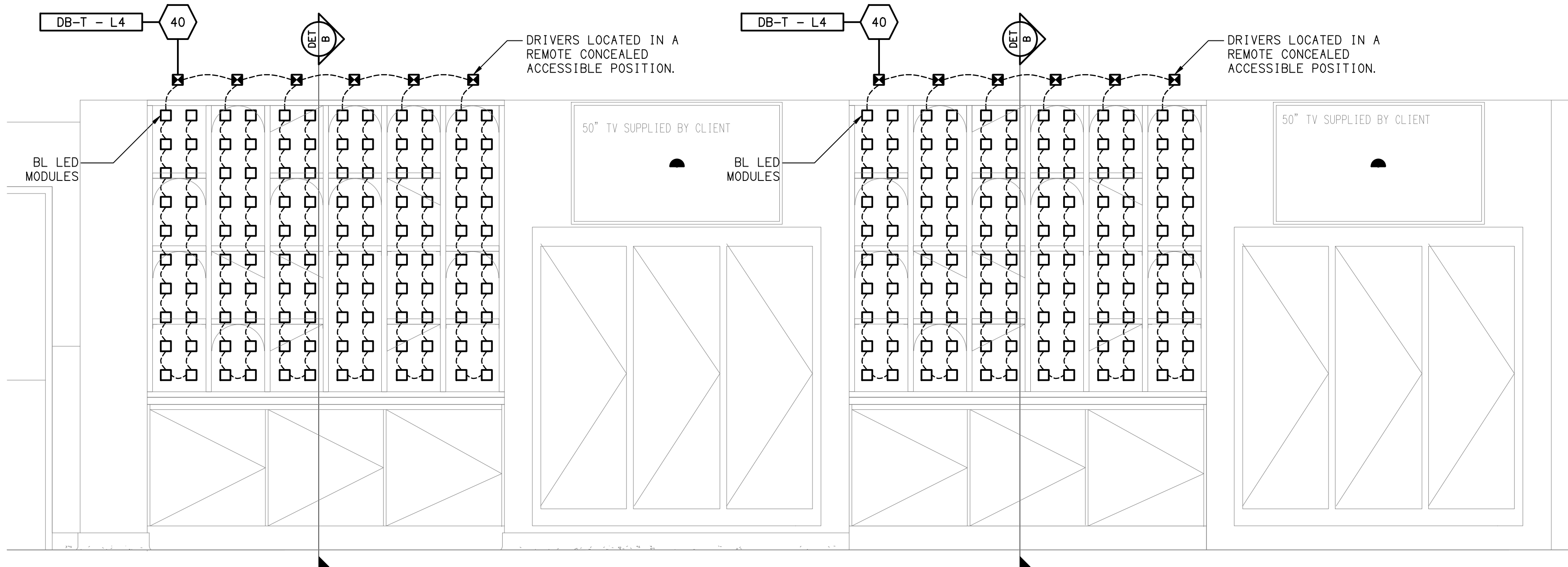


— EXISTING LIGHTS WITHIN THIS DASH LINED AREA ARE TO REMAIN AND BE RESUPPLIED FROM DB-T AND CONTROLLED BY THE DB-T DYNALITE SYSTEM.

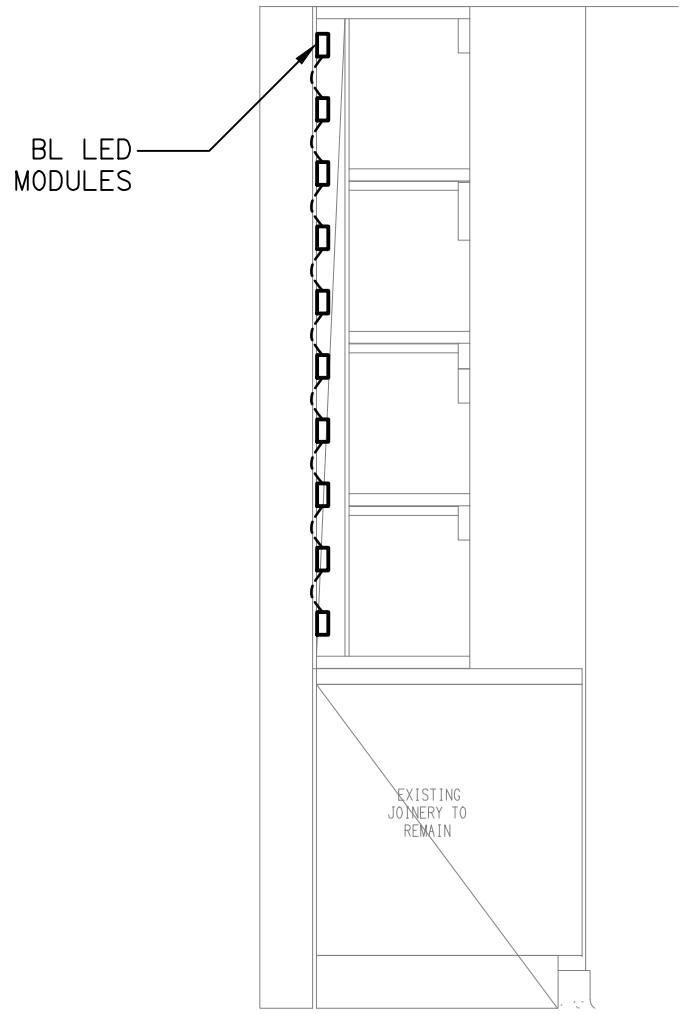
REPLACE THE 2 x 6 VERTICAL RUNS OF RGB LED STRIP LIGHTS WITHIN THE REFRIGERATION AND THE ASSOCIATED CONTROLLERS IN THESE SHADED AREAS WITH IP66 5000K LED STRIP LIGHTS AND CONTROLLERS.

— EXISTING LIGHTS WITHIN THIS DASH LINED AREA ARE TO REMAIN AND BE RESUPPLIED FROM DB-T AND CONTROLLED BY THE DB-T DYNALITE SYSTEM.

— ALL OF THE EXISTING LIGHTING
WITHIN THIS DASH LINED AREA IS
TO BE REMOVED UNLESS NOTED
OTHERWISE.

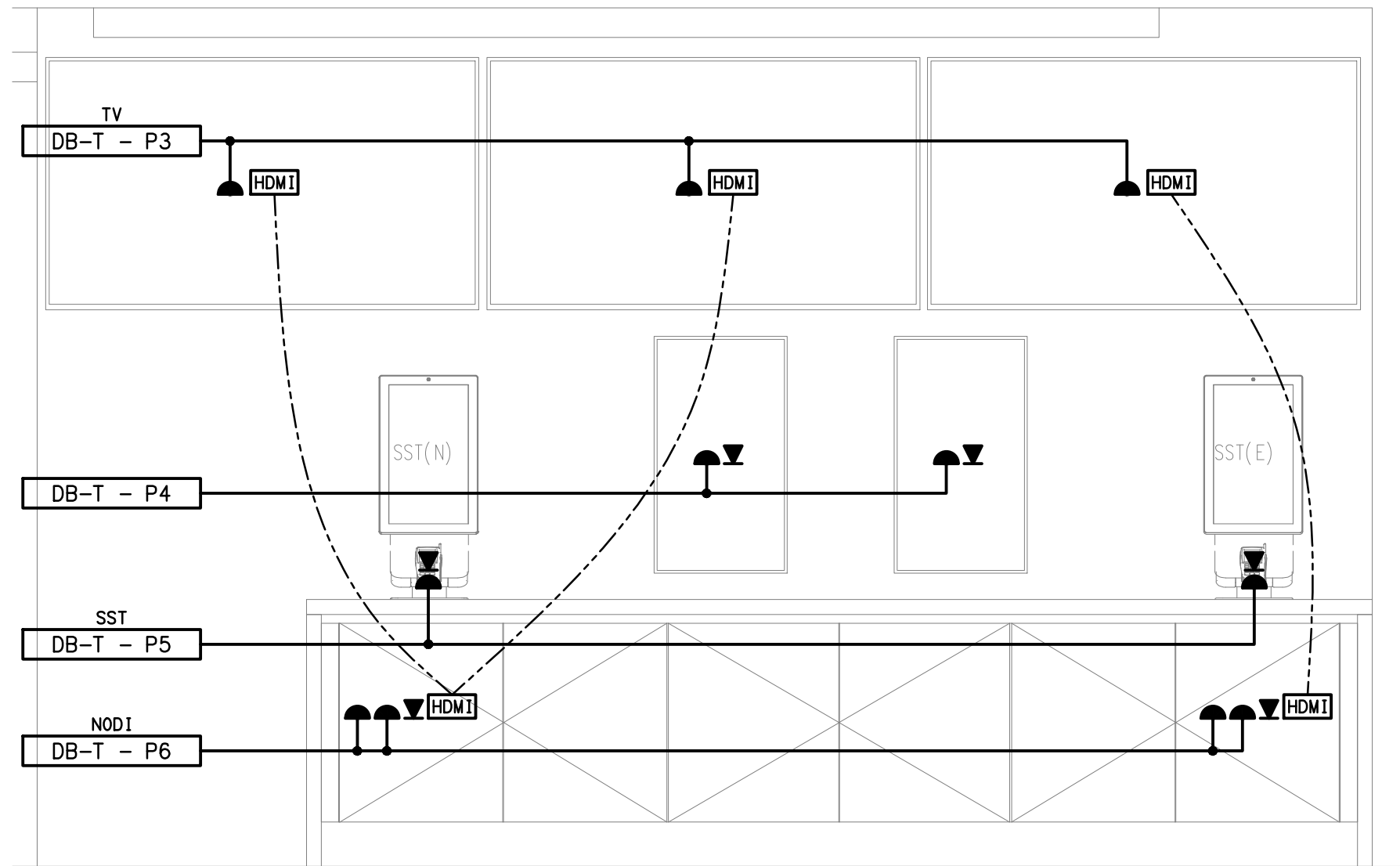


DETAIL A
SPORTS BAR REAR WALL ELEVATION
SCALE 1: 20

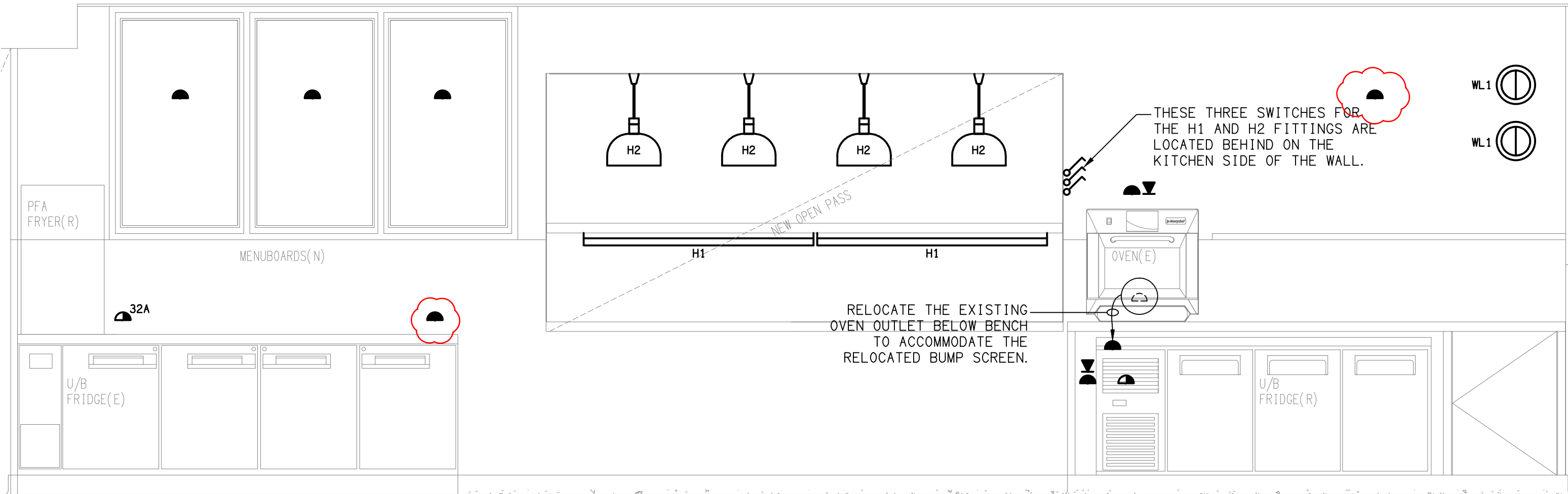


DETAIL B
TYPICAL SPORTS BAR SHELVING SECTION
SCALE 1: 20

NOTE:
FOR OUTLETS AND FITTINGS NOT SHOWN
CIRCUITED AND SWITCHED, REFER TO THE
FLOOR AND REFLECTED CEILING PLANS.



DETAIL C
TAB WALL ELEVATION
SCALE 1: 20



DETAIL D
BISTRO BAR REAR WALL ELEVATION
SCALE 1: 20

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Phone: (07) 3278 4375
Email: brisbane@edg.net.au
Web: www.edg.net.au

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TRADING AS:
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PROJECT:
**BLUE FIN FISHING CLUB
INALA - ALTERATIONS**

SITE ADDRESS:
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QUEENSLAND**

SCALE: 1:20 SHEET SIZE: A1

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INTERNAL ELEVATION
DETAILS**

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