



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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ELECTRICAL SERVICES CONTRACT DOCUMENT SCHEDULE

REVISION E - 29 NOVEMBER 2024

ISSUING INFORMATION					DATE OF ISSUE				
	DAY	02	23	24	25	29			
	MONTH	08	09	09	09	11			
	YEAR	24	24	24	24	24			
REASON FOR ISSUE					P	T	T	T	C
A = APPROVAL					C = CONSTRUCTION				
N = COORDINATION					P = PRELIMINARY				
					T = TENDER				

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DOCUMENTS	TITLE	REVISION								
C3257a-E01.dwg	LEGEND & DETAILS	A	B	C		D				
C3257a-E02.dwg	NOTES	A	B			C				
C3257a-E03.dwg	FLOOR PLAN	A	B	C		D				
C3257a-E04.dwg	GAMING ROOM & BAR FLOOR PLAN	A	B	C		D				
C3257a-E05.dwg	REFLECTED CEILING PLAN	A	B	C		D				
C3257a-E06.dwg	JOINERY LIGHTING	A	B	C		D	E			
C3257a-0001.xls	CONTRACT DOCUMENT SCHEDULE	A	B	C		D	E			
C3257a-0002.xls	EQUIPMENT SCHEDULE	A	B	C						
C3257a-0004.xls	LIGHTING CONTROL SCHEDULE	A	B	C						
C3257a-0005.xls	DISTRIBUTION BOARD DB-A SCHEDULE	A	B	C						



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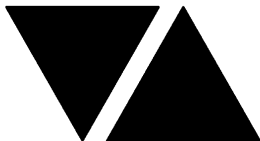
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ELECTRICAL EQUIPMENT SCHEDULE					
REVISION C - 24 SEPTEMBER 2024					
THE LIGHT FITTING SUPPLIER CONTACT DETAILS MAY BE AVAILABLE ON THE EDG WEBSITE VIA THE FOLLOWING LINK www.edg.net.au/Links/Lighting.htm					
TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
L1	20W LED 4000K	600 LONG SURFACE MOUNTED IP65 DIFFUSED BATTEN C/W INTEGRAL ELECTRONIC CONTROL GEAR AND PRESENCE DETECTION SENSOR	NA	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
EXIST	EXISTING RECESSED DOWNLIGHT TO REMAIN AND BE RESWITCHED / CIRCUITED AS INDICATED				B
RD01	NEW RECESSED DOWNLIGHT TO MATCH THE EXISTING RECESSED DOWNLIGHTS			SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
RD02	800 LUMEN 2700K CRI MIN 90+ LED	RECESSED 30 DEG BEAM 75MM DIA DOWNLIGHT C/W REMOTE PHASE CUT DIMMABLE DRIVER LOCATE THE DRIVER IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	WHITE BODY WHITE REFLECTOR	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
RD03	300 LUMEN 2700K CRI MIN 90+ LED	RECESSED 30 DEG BEAM 30MM DIA DOWNLIGHT C/W REMOTE PHASE CUT DIMMABLE DRIVER LOCATE THE DRIVER IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	WHITE BODY WHITE REFLECTOR	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
RD04	300 LUMEN 2700K CRI MIN 90+ LED	RECESSED ADJUSTABLE 30 DEG BEAM 75MM DIA DOWNLIGHT C/W REMOTE PHASE CUT DIMMABLE DRIVER LOCATE THE DRIVER IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	WHITE BODY	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
RD05	300 LUMEN 2700K CRI MIN 90+ LED	RECESSED ADJUSTABLE 30 DEG BEAM 75MM DIA DOWNLIGHT C/W REMOTE PHASE CUT DIMMABLE DRIVER LOCATE THE DRIVER IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	BLACK BODY	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
RD06	1000 LUMEN 2700K CRI MIN 90+ LED	RECESSED 30 DEG BEAM 90MM DIA DOWNLIGHT C/W REMOTE PHASE CUT DIMMABLE DRIVER LOCATE THE DRIVER IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	BLACK BODY BLACK REFLECTOR	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
PD01	240 VOLT 2700K E27 FILAMENT LED 400 LUMENS +/- 20%	DECORATIVE PENDANT ALLOW TO ASSEMBLE AND INSTALL CONFIRM THE SUSPENSION HEIGHT ONSITE WITH THE ARCHITECT	TBA	ALLOW A PC SUM OF \$900 + GST FOR THE SUPPLY OF EACH PD01 FITTING	B
PD02	240 VOLT 2700K E27 FILAMENT LED 400 LUMENS +/- 20%	DECORATIVE PENDANT ALLOW TO ASSEMBLE AND INSTALL CONFIRM THE SUSPENSION HEIGHT ONSITE WITH THE ARCHITECT	TBA	ALLOW A PC SUM OF \$420 + GST FOR THE SUPPLY OF EACH PD02 FITTING	B
PD03	240 VOLT 2700K E27 FILAMENT LED 400 LUMENS +/- 20%	DECORATIVE PENDANT ALLOW TO ASSEMBLE AND INSTALL CONFIRM THE SUSPENSION HEIGHT ONSITE WITH THE ARCHITECT	TBA	ALLOW A PC SUM OF \$450 + GST FOR THE SUPPLY OF EACH PD03 FITTING	B



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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
WL01	240 VOLT 2700K E27 FILAMENT PHASE CUT DIMMABLE LED 400 LUMENS +/- 20%	DECORATIVE 250D X 220W WALL LIGHT MOUNTED AS PER THE ARCHITECTURAL ELEVATION	COPPER	FAT SHACK VINTAGE COPPER RAILWAY OUTDOOR WALL LIGHT W111	B
WL02	240 VOLT 2700K B22 FILAMENT PHASE CUT DIMMABLE LED 400 LUMENS +/- 20%	DECORATIVE 260D x 220W WALL LIGHT MOUNTED AS PER THE ARCHITECTURAL ELEVATION	BLACK	FAT SHACK VINTAGE CONE GOOSENECK OUTDOOR WALL LIGHT W323-MB-BLK	B
WL03	240 VOLT 2700K GU10 PHASE CUT DIMMABLE LED 400 LUMENS +/- 20%	DECORATIVE 215H x 75D WALL LIGHT MOUNTED AS PER THE ARCHITECTURAL ELEVATION	AGED COPPER	FAT SHACK VINTAGE MIDDY COPPER W115-ACPR-GU	B
WL04	NOT USED				B
WL05	240 VOLT 2700K E27 FILAMENT PHASE CUT DIMMABLE LED 400 LUMENS +/- 20%	DECORATIVE 260D X 220W WALL LIGHT MOUNTED AS PER THE ARCHITECTURAL ELEVATION	AGED BRASS	FAT SHACK VINTAGE CONE GOOSENECK OUTDOOR WALL LIGHT W639-GLD- BR5	B
SL01	240 VOLT 2700K E27 PHASE CUT DIMMABLE LED 400 LUMENS +/- 20%	DECORATIVE 155W x 70D WALL SURFACE MOUNTED ON THE TIMBER FEATURE AS PER THE ARCHITECTURAL DETAIL	ANTIQUE BRONZE CEILING ROSE WHITE SHADE	FAT SHACK VINTAGE BAKELITE BOWL	B
SL02	240 VOLT 2700K GU10 PHASE CUT DIMMABLE LED 400 LUMENS +/- 20%	DECORATIVE 155W x 70D WALL SURFACE MOUNTED LIGHT AS PER THE ARCHITECTURAL DETAIL	BRASS BASE OPAL GLASS	ZEST LIGHTING ALTON BRASS OPAL	B
S1	12W/M 2700K CRI MIN 90+ LED	FLEXIBLE LED ROPE FLEX SCREW FIXED RECESSED INTO THE GAMING CEILING PELMET AS PER THE ARCHITECTURAL DETAIL. PROVIDE THE S1 STRIP WITH REMOTE PHASE CUT DIMMABLE POWER SUPPLIES AS REQUIRED LOCATE THE POWER SUPPLIES IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	WHITE	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
S2	12W/M 2700K CRI MIN 90+ LED	FLEXIBLE LED ROPE FLEX SCREW FIXED RECESSED INTO THE AMENITY CEILING PELMET AS PER THE ARCHITECTURAL DETAIL. PROVIDE THE STRIP WITH REMOTE PHASE CUT DIMMABLE POWER SUPPLIES AS REQUIRED LOCATE THE POWER SUPPLIES IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	WHITE	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B



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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
S3	12W/M 2700K CRI MIN 90+ LED	FLEXIBLE LED ROPE FLEX SCREW FIXED RECESSED INTO THE GAMING CEILING PELMET AS PER THE ARCHITECTURAL DETAIL. PROVIDE STRIP WITH REMOTE PHASE CUT DIMMABLE POWER SUPPLIES AS REQUIRED LOCATE THE POWER SUPPLIES IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	WHITE	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
S4	12W/M 2700K CRI MIN 90+ LED	FLEXIBLE LED ROPE FLEX SCREW FIXED RECESSED INTO THE GAMING CEILING PELMET AS PER THE ARCHITECTURAL DETAIL. PROVIDE THE STRIP WITH REMOTE PHASE CUT DIMMABLE POWER SUPPLIES AS REQUIRED LOCATE THE POWER SUPPLIES IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	WHITE	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
S5	12W/M 2700K CRI MIN 90+ LED	FLEXIBLE LED ROPE FLEX SCREW FIXED RECESSED INTO THE BAR COUNTER PELMET AS PER THE ARCHITECTURAL DETAIL. PROVIDE THE STRIP WITH REMOTE PHASE CUT DIMMABLE POWER SUPPLIES AS REQUIRED LOCATE THE POWER SUPPLIES IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	WHITE	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
S6	12W/M 2700K CRI MIN 90+ LED	FLEXIBLE LED ROPE FLEX SCREW FIXED RECESSED INTO THE REAR BAR DISPLAY AS PER THE ARCHITECTURAL DETAIL. PROVIDE THE S1 STRIP WITH REMOTE PHASE CUT DIMMABLE POWER SUPPLIES AS REQUIRED LOCATE THE POWER SUPPLIES IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	WHITE	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
S7	12W/M 2700K CRI MIN 90+ LED	FLEXIBLE LED ROPE FLEX SCREW FIXED RECESSED INTO THE REAR BAR DISPLAY AS PER THE ARCHITECTURAL DETAIL. PROVIDE THE S1 STRIP WITH REMOTE PHASE CUT DIMMABLE POWER SUPPLIES AS REQUIRED LOCATE THE POWER SUPPLIES IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	WHITE	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
S8	12W/M 2700K CRI MIN 90+ LED	FLEXIBLE LED ROPE FLEX SCREW FIXED RECESSED INTO THE REAR BAR DISPLAY AS PER THE ARCHITECTURAL DETAIL. PROVIDE THE S1 STRIP WITH REMOTE PHASE CUT DIMMABLE POWER SUPPLIES AS REQUIRED LOCATE THE POWER SUPPLIES IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	WHITE	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
S9	12W/M 2700K CRI MIN 90+ LED	FLEXIBLE LED ROPE FLEX SCREW FIXED RECESSED INTO THE GAMING MACHINE BASE AS PER THE ARCHITECTURAL DETAIL. PROVIDE STRIP WITH REMOTE PHASE CUT DIMMABLE POWER SUPPLIES AS REQUIRED LOCATE THE POWER SUPPLIES IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	WHITE	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B



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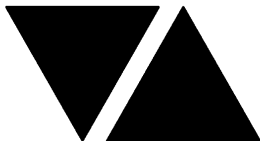
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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
S10	12W/M 2700K CRI MIN 90+ LED	FLEXIBLE LED ROPE FLEX SCREW FIXED RECESSED BEHIND THE TVS AS PER THE ARCHITECTURAL DETAIL. PROVIDE STRIP WITH REMOTE PHASE CUT DIMMABLE POWER SUPPLIES AS REQUIRED LOCATE THE POWER SUPPLIES IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	WHITE	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
S11	12W/M 2700K CRI MIN 90+ LED	FLEXIBLE LED ROPE FLEX SURFACE SCREW FIXED TO THE GAMING ENTRY PORTAL AS PER THE S11 DETAIL AND ARCHITECTURAL PORTAL DETAILS. PROVIDE STRIP WITH REMOTE PHASE CUT DIMMABLE POWER SUPPLIES AS REQUIRED LOCATE THE POWER SUPPLIES IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	WHITE	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
S12	1W LED AT 500 CENTRES	REPLACE THE EXISTING FESTOON LIGHTING WITH 24V DC IP65 FESTOON LIGHTING TO BE FIXED TO A 316 STAINLESS STEEL WIRE SUPPORT SYSTEM. LOCATE THE DRIVER IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS. CONFORM THE LENGTH AND POSITION ON SITE UTILISE THE EXISTING CIRCUIT AND CONTROL TO SUPPLY THE FESTOON LIGHTING.	BLACK CABLE AND FIXINGS 316 STAINLESS STEEL SUPPORT AND FIXINGS	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	B
S13	12W/M 2700K CRI MIN 90+ LED	FLEXIBLE LED ROPE FLEX SURFACE SCREW FIXED TO THE BISTRO BOOTH JOINERY AS PER THE ARCHITECTURAL DETAILS. PROVIDE STRIP WITH REMOTE PHASE CUT DIMMABLE POWER SUPPLIES AS REQUIRED LOCATE THE POWER SUPPLIES IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	WHITE	SELECTION BY CONTRACTOR SUBMITT DETAILS FOR APPROVAL	C
E1	LED	EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D63 - C90-D63.	WHITE	CLEVERTRONICS LLIFE	A
E2	LED	EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D63 - C90-D63.	WHITE	CLEVERTRONICS LLIFE BLK	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



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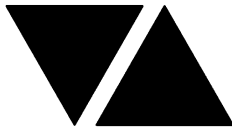
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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
F01	FAN	WALL MOUNTED 450 DIA OSCILLATING FAN TO BE MOUNTED AS PER THE ARCHITECTURAL DETAIL	SILVER	PESTROL DYNABREEZE DIWS-450	A
ONE-WAY LIGHT SWITCH		ONE-WAY LIGHT SWITCH C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES 30USM	A
LIGHTING CONTROL SWITCH PANEL (SPx)		6-BUTTON PROGRAMMABLE SWITCH PANEL C/W CENTRAL LCD DISPLAY MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	ALUMINIUM	DYNALITE ANTUMBRA DISPLAY	A
HAND DRYER CONNECTION (HD)		EXISTING HAND DRYER POWER SUPPLIED TO BE RETAINED.			C
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
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
ELECTRICAL SERVICES POLE (SV)		PROVIDE EACH ELECTRICAL SERVICES POLE AS A ROUND (LESS THAN 100MM DIA) TWO CHANNEL POWDER COATED BLACK POLE FROM THE GAMING BASE TO THE CEILING TO PROVIDE POWER AND COMMUNICATIONS CABLING ACCESS FROM THE CEILING TO THE GAMING MACHINE BASE. PROVIDE A FLANGE AROUND THE POLE TO CONNECT IT TO THE BASE AND TO THE CEILING. SUBMIT DETAILS OF THE PROPOSED POLE FOR APPROVAL.			A
DB-A		REPLACE THE EXISTING DISTRIBUTION BOARD DB-A AS PER THE DB-A SCHEDULE AND NOTES. REMOVE ALL CIRCUITS MADE REDUNDANT. RECONNECT ALL EXISTING CIRCUITS THAT REMAIN WITH NEW SWITCHGEAR AND CONTROLS THAT MATCH THE EXISTING IN CAPACITY AND FUNCTION. RECONNECT THE EXISTING SUPPLY TO DB-A			A



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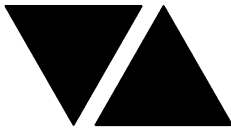
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LIGHTING CONTROL SCHEDULE

REVISION C - 24 SEPTEMBER 2024

MISCELLANEOUS EQUIPMENT					REV
ITEM	DESCRIPTION				A
SP1	AS DETAILED IN THE EQUIPMENT SCHEDULE 6-BUTTON PROGRAMMABLE SWITCH PANEL C/W CENTRAL LCD DISPLAY DYNALITE ANTUMBRA DISPLAY ALUMINIUM				A
SP2	AS DETAILED IN THE EQUIPMENT SCHEDULE 6-BUTTON PROGRAMMABLE SWITCH PANEL C/W CENTRAL LCD DISPLAY DYNALITE ANTUMBRA DISPLAY ALUMINIUM				A
SP3	AS DETAILED IN THE EQUIPMENT SCHEDULE 6-BUTTON PROGRAMMABLE SWITCH PANEL C/W CENTRAL LCD DISPLAY DYNALITE ANTUMBRA DISPLAY ALUMINIUM				A
PE CELL	PROGRAMMABLE PE CELL DUS 90CS CONFIRM THE LOCATION ON SITE WITH THE ARCHITECT				A
TIME CLOCK	PROGRAMMABLE TIME CLOCK ENVISION GATEWAY PDEG C/W INTERNET ACCESS LOCATE DB-B				A
DIM MODULES	PHASE CUT DIMMING MODULE PROVIDE THE TYPE (TE / LE) COMPATABLE WITH THE LIGHTS				B
SWITCHED MODULES	SWITCHING MODULE CONTROLLING AN EXTERNAL CONTACTOR PER CHANNEL.				B
CONTROL MODULE 1					B
TYPE:		DYNALITE DDMC802			B
DESCRIPTION		8CH MODULAR CONTROLLER			B
LOCATION		DIN RAIL MOUNTED WITHIN DB-A			B
BUS:		A			B
CHANNEL	CONTROL	DESCRIPTION			B
		LOCATION	CIRCUIT	USE	B
1	DIM	BISTRO	DB-A - L1	WALL LIGHTS	B
2	DIM	BISTRO	DB-A - L1	RD01	B
3	DIM	BISTRO	DB-A - L1	EXIST RD01	B
4	DIM	BISTRO	DB-A - L1	RD01	B
5	DIM	BISTRO	DB-A - L2	EXIST	B
6	DIM	BISTRO	DB-A - L2	EXIST RD01	B
7	DIM	BISTRO	DB-A - L2	SD02	B
8	DIM	BISTRO	DB-A - L2	RD01	B
CONTROL MODULE 2					B
TYPE:		DYNALITE DDMC802			B
DESCRIPTION		8CH MODULAR CONTROLLER			B
LOCATION		DIN RAIL MOUNTED WITHIN DB-A			B
BUS:		A			B
CHANNEL	CONTROL	DESCRIPTION			B
		LOCATION	CIRCUIT	USE	B
9	DIM	BISTRO	DB-A - L3	PENDANTS	B
10	DIM	BISTRO	DB-A - L3	EXIST	B
11	DIM	BISTRO	DB-A - L3	EXIST RD01	B
12	DIM	BISTRO	DB-A - L3	RD02	B
13	DIM	BISTRO	DB-A - L4	RD01	B
14	DIM	BISTRO	DB-A - L4	RD04	B
15	DIM	BISTRO	DB-A - L4	RD01 RD05	B
16	DIM	BISTRO	DB-A - L4	RD01 RD03	B



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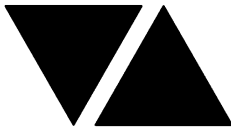
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REVISION C - 24 SEPTEMBER 2024

CONTROL MODULE 3					B
TYPE:		DYNALITE DDMC802			B
DESCRIPTION		8CH MODULAR CONTROLLER			B
LOCATION		DIN RAIL MOUNTED WITHIN DB-A			B
BUS:		A			B
CHANNEL	CONTROL	DESCRIPTION			B
		LOCATION	CIRCUIT	USE	B
17	DIM	BISTRO	DB-A - L5	S2	C
18	DIM	BISTRO	DB-A - L5	RD03	C
19	DIM	BISTRO	DB-A - L5	S2	C
20	SWITCHED	EXTERNAL	DB-A - L5	FAN	B
21	DIM	BISTRO	DB-A - L6	S13	C
22					B
23					B
24					B
CONTROL MODULE 4					B
TYPE:		DYNALITE DDMC802			B
DESCRIPTION		8CH MODULAR CONTROLLER			B
LOCATION		DIN RAIL MOUNTED WITHIN DB-A			B
BUS:		A			B
CHANNEL	CONTROL	DESCRIPTION			B
		LOCATION	CIRCUITS	USE	B
25	DIM	BISTRO	DB-A - L6	S7	B
26	DIM	BISTRO	DB-A - L6	S8	B
27	DIM	BISTRO	DB-A - L6	S10	B
28	DIM	BISTRO	DB-A - L6	S5	B
29	DIM	GAMING	DB-A - L7	S5	B
30	DIM	GAMING	DB-A - L7	S6	B
31	DIM	GAMING	DB-A - L8	S9	B
32	DIM	GAMING	DB-A - L9	S9	B
CONTROL MODULE 5					B
TYPE:		DYNALITE DDMC802			B
DESCRIPTION		8CH MODULAR CONTROLLER			B
LOCATION		DIN RAIL MOUNTED WITHIN DB-A			B
BUS:		A			B
CHANNEL	CONTROL	DESCRIPTION			B
		LOCATION	CIRCUITS	USE	B
33	DIM	GAMING ENTRY	DB-A - L10	S11	B
34	DIM	GAMING	DB-A - L11	WALL LIGHTS	B
35	DIM	GAMING	DB-A - L11	S2	B
36	DIM	GAMING	DB-A - L11	RD03	B
37	DIM	GAMING	DB-A - L12	RD01	B
38	DIM	GAMING	DB-A - L12	RD01	B
39	DIM	GAMING	DB-A - L7	SL02	B
40	DIM	GAMING	DB-A - L7	RD05	B



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LIGHTING CONTROL SCHEDULE

REVISION C - 24 SEPTEMBER 2024

CONTROL MODULE 6					B
TYPE:		DYNALITE DDMC802			B
DESCRIPTION		8CH MODULAR CONTROLLER			B
LOCATION		DIN RAIL MOUNTED WITHIN DB-A			B
BUS:		A			B
CHANNEL	CONTROL	DESCRIPTION			B
		LOCATION	CIRCUITS	USE	B
41	DIM	GAMING	DB-A - L13	S1	B
42	DIM	GAMING	DB-A - L13	RD01	B
43	DIM	GAMING	DB-A - L13	S3 S4	B
44	DIM	GAMING	DB-A - L13	RD01	B
45	DIM	GAMING	DB-A - L12	RD01	B
46	DIM	DOSA	DB-A - L12	EXISTING	B
47	DIM	GAMING	DB-A - L12	RD06	B
48	DIM	GAMING	DB-A - L12	RD06	C
CONTROL MODULE 7					B
TYPE:		DYNALITE DDMC802			B
DESCRIPTION		8CH MODULAR CONTROLLER			B
LOCATION		DIN RAIL MOUNTED WITHIN DB-A			B
BUS:		A			B
CHANNEL	CONTROL	DESCRIPTION			B
		LOCATION	CIRCUITS	USE	B
49	SWITCHED	GAMING	DB-A - P37	SIGN	B
50	SWITCHED	GAMING	DB-A - P36	SIGN	B
51	SWITCHED	GAMING	DB-A - P35	SIGN	B
52					B
53					B
54					B
55					B
56					B



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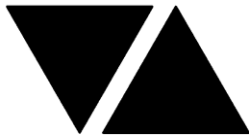
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DISTRIBUTION BOARD DB-A

REVISION C - 24 SEPTEMBER 2024

<p>FAULT CURRENT: 6KA</p> <p>CHASSIS SIZE: 60 + 84 POLE</p> <p>CHASSIS RATING: 250A</p> <p>PHASES: 3</p> <p>MAIN SWITCH: 250A NON AUTO LOAD BREAK</p>							REV
							A
							A
							A
							A
<p>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. RECONNECT ALL OF THE EXISTING DB-A CIRCUITS THAT REMAIN TO THE NEW DB-A WITH NEW SWITCHGEAR AND CONTROLS THAT HAS THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL. RECONNECT THE EXISTING SUPPLY SUBMAIN. REMOVE THE ADJACENT RCD ENCLOSURE. UPDATE THE SCHEDULE AT PRACTICAL COMPLETION TO INCLUDE THE CIRCUIT USE AND LOCATION. PROVIDE THE DB WITH 2 X 3 PHASE 100 AMP DIN RAIL MOUNTED CIRCUIT BREAKERS TO SUPPLY THE TWO EXISTING AIRCONDITIONING SYSTEMS.</p>							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	BAR	ATM	A
P2	1	20	RCBO	2.5	BAR	CLEANING	A
P3	1	20	RCBO	2.5	BAR	TV	A
P4							C
P5							C
P6	1	20	RCBO	2.5	BAR	TV	A
P7	1	20	RCBO	2.5	BAR	TAB	A
P8	1	20	RCBO	2.5	BAR	TAB	A
P9	1	20	RCBO	2.5	BAR	TAB	A
P10	1	20	RCBO	2.5	BAR	AUTO DOOR	A
P11	1	20	RCBO	2.5	BAR	POS	A
P12	1	20	RCBO	2.5	BAR	BAR COUNTER	A
P13	1	20	RCBO	2.5	BAR	REF	A
P14	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P15	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P16	1	20	RCBO	2.5	GAMING	REF	A
P17	1	20	RCBO	2.5	GAMING	COFFEE	A
P18	1	20	RCBO	2.5	GAMING	POS	A
P19	1	20	RCBO	2.5	GAMING	REF	A
P20	1	20	RCBO	2.5	GAMING	BAR COUNTER	A
P21							C
P22							C
P23	1	20	RCBO	2.5	GAMING	CLEANING	A
P24	1	20	RCBO	2.5	GAMING	CRT	A
P25	1	20	RCBO	2.5	GAMING	CRT	A
P26	1	20	RCBO	2.5	GAMING	MODEM	A
P27	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P28	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P29	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P30	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P31	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P32	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P33	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P34	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P35	1	20	RCBO	2.5	GAMING	SIGN	A
P36	1	20	RCBO	2.5	GAMING	SIGN	A
P37	1	20	RCBO	2.5	GAMING	SIGN	A
P38	1	20	RCBO	2.5	GAMING	GAMING MACHINES	B



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

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DISTRIBUTION BOARD DB-A














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<p>FAULT CURRENT: 6KA</p> <p>CHASSIS SIZE: 60 + 84 POLE</p> <p>CHASSIS RATING: 250A</p> <p>PHASES: 3</p> <p>MAIN SWITCH: 250A NON AUTO LOAD BREAK</p>							REV
							A
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<p>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. RECONNECT ALL OF THE EXISTING DB-A CIRCUITS THAT REMAIN TO THE NEW DB-A WITH NEW SWITCHGEAR AND CONTROLS THAT HAS THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL. RECONNECT THE EXISTING SUPPLY SUBMAIN. REMOVE THE ADJACENT RCD ENCLOSURE. UPDATE THE SCHEDULE AT PRACTICAL COMPLETION TO INCLUDE THE CIRCUIT USE AND LOCATION. PROVIDE THE DB WITH 2 X 3 PHASE 100 AMP DIN RAIL MOUNTED CIRCUIT BREAKERS TO SUPPLY THE TWO EXISTING AIRCONDITIONING SYSTEMS.</p>							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
L1	1	20	RCBO	2.5	BISTRO	LIGHTS	B
L2	1	20	RCBO	2.5	BISTRO	LIGHTS	B
L3	1	20	RCBO	2.5	BISTRO	LIGHTS	B
L4	1	20	RCBO	2.5	BISTRO	LIGHTS	B
L5	1	20	RCBO	2.5	BISTRO	LIGHTS	B
L6	1	20	RCBO	2.5	BISTRO	BAR STRIP LIGHTS	B
L7	1	20	RCBO	2.5	GAMING	GAMING STRIP LIGHTS	B
L8	1	20	RCBO	2.5	GAMING	GAMING MACHINES	B
L9	1	20	RCBO	2.5	GAMING	GAMING MACHINES	B
L10	1	20	RCBO	2.5	GAMING	GAMING ENTRY	B
L11	1	20	RCBO	2.5	GAMING	GAMING AMENITIES	B
L12	1	20	RCBO	2.5	GAMING	GAMING	B
L13	1	20	RCBO	2.5	GAMING	GAMING	B
L14							B
L15							B
L16							B

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.
-  ELECTRICAL SERVICE POLE.
-  NO LONGER REQUIRED.
-  LIGHTING CONTROL SWITCHPANEL, TYPE x.
-  ONE-WAY LIGHT SWITCH.
-  TWO-WAY LIGHT SWITCH.
-  CIRCUIT LINE.
-  SWITCH LINE.
- DB-x - Py

POWER CIRCUIT DESIGNATION. DENOTES DB AND CIRCUIT.
- xx

LIGHTING CONTROL CHANNEL REFERENCE.
-  ELECTRICAL EQUIPMENT AS NOTED.
-  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.
- F01

F01: WALL MOUNTED FAN.
- Sx

Sx: LED STRIP LIGHT, TYPE AS NOTED.
- E1

E1: GENERAL LED EMERGENCY LIGHT, WHITE.
- E2


E2: GENERAL LED EMERGENCY LIGHT, BLACK.
- EX

EX: EMERGENCY LED EXIT LIGHT.

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.

LEGEND

-  L1: 600 LONG SURFACE BATTEN.
- RD01

RD01: RECESSED DOWNLIGHT, WHITE, TO MATCH EXISTING.
- RD02

RD02: RECESSED DOWNLIGHT, WHITE.
- RD03

RD03: RECESSED MINI DOWNLIGHT, WHITE.
- RD04

RD04: ADJUSTABLE MINI RECESSED DOWNLIGHT, WHITE.
- RD05

RD05: ADJUSTABLE MINI RECESSED DOWNLIGHT, BLACK.
- RD06

RD06: RECESSED DOWNLIGHT, BLACK.
- SL01

SL01: DECORATIVE WALL LIGHT.
- SL02

SL02: DECORATIVE SURFACE MOUNTED SPHERE.
- PD01

PD01: DECORATIVE LARGE PENDANT.
- PD02

PD02: DECORATIVE SMALL PENDANT.
- PD03

PD03: DECORATIVE MEDIUM PENDANT.
- WL01

WL01: DECORATIVE WALL LIGHT.
- WL02

WL02: DECORATIVE WALL LIGHT.
- WL03

WL03: DECORATIVE DOWN WALL LIGHT.
- WL04

WL04: NOT USED.
- WL05

WL05: DECORATIVE WALL LIGHT.
- EXIST

EXIST: EXISTING DOWNLIGHT.

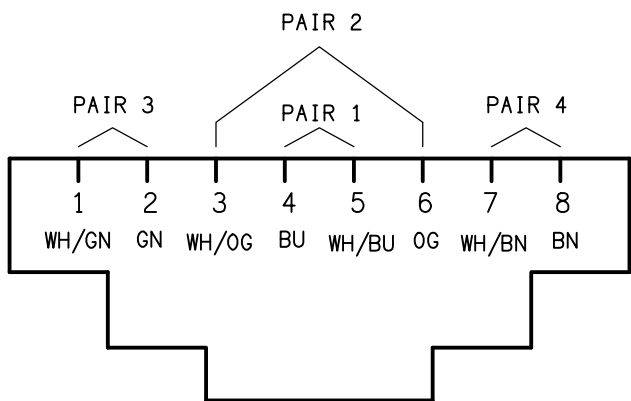
EXISTING FLOOR & WALL MOUNTED ELECTRICAL SERVICES WITHIN THIS AREA ARE TO BE REMOVED UNLESS NOTED OTHERWISE.

SITE PLAN

EXTENT OF DEMOLITION WORKS
SCALE 1: 200

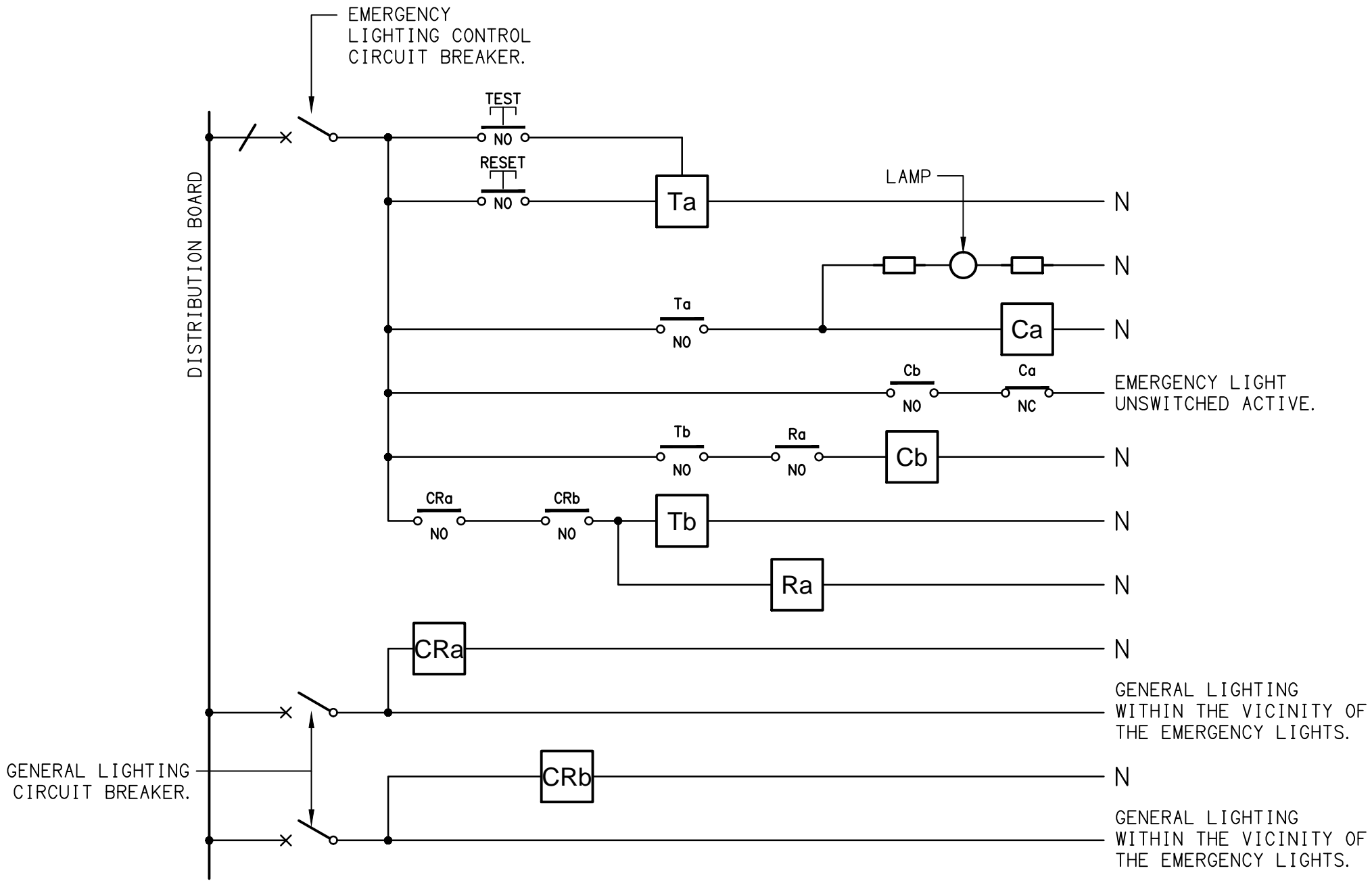
EQUIPMENT:

- 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

RJ45 PINOUT CONFIGURATION
NOT TO SCALE

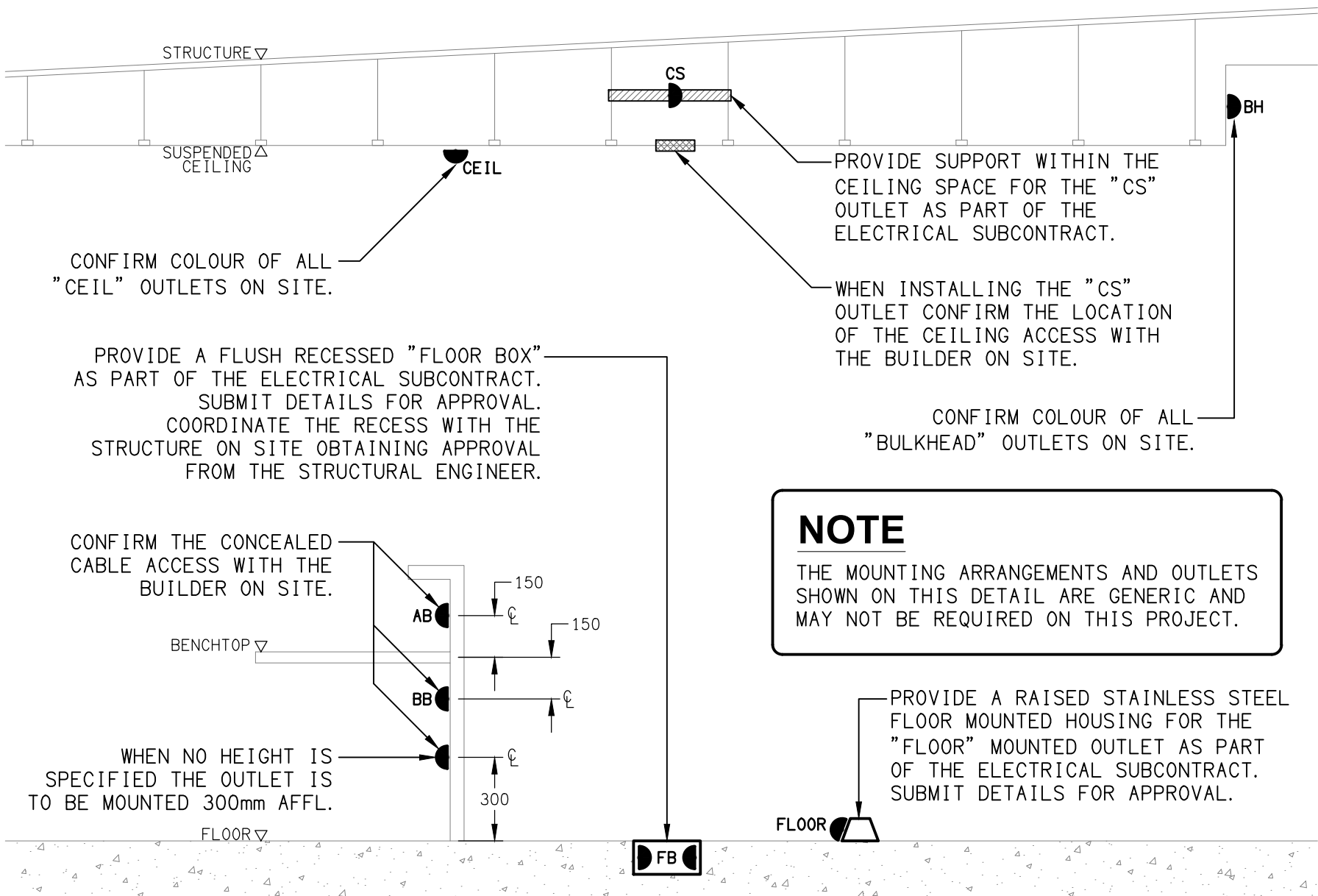


NOTES

- 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.

SCHEMATIC

EMERGENCY LIGHTING
NOT TO SCALE



DETAIL

TYPICAL OUTLET MOUNTINGS
NOT TO SCALE

NOTE

THE MOUNTING ARRANGEMENTS AND OUTLETS SHOWN ON THIS DETAIL ARE GENERIC AND MAY NOT BE REQUIRED ON THIS PROJECT.

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PTY LTD
ACN 092 710 793

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ELECTRICAL DESIGN GROUP

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USE FIGURED DIMENSIONS
IN PREFERENCE TO SCALE.

ALL DIMENSIONS TO BE
VERIFIED ONSITE.

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BRISBANE GOLD COAST

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PROJECT:
PUB MOOLOOLABA

23 VENNING STREET, MOOLOOLABA

D	CONSTRUCTION	29/11/2024
REV:	DESCRIPTION:	DATE:

DRAWING:
**ELECTRICAL SERVICES
LEGEND & DETAILS**

SCALE:
AS SHOWN

AT A1

PROJECT NO:
C3257a

DRAWING NO:
E01

REVISION:
D

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.
- MODIFICATION, RELOCATION AND EXTENSION AS NECESSARY OF ALL EXISTING SERVICES THAT ARE IMPACTED BY THE WORKS OR REQUIRED TO BE EXTENDED BY THE WORKS.
- REMOVAL OF ALL EXISTING SERVICES MADE REDUNDANT BY THE WORKS.
- AS CONSTRUCTED DOCUMENTS.
- ANY TEMPORARY WORKS REQUIRED TO KEEP THE PUB OPERATING DURING THE CONSTRUCTION PROCESS.
- 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.

UNDERTAKE THE WORKS IN STAGES REFLECTING THE MAIN CONTRACT.

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.
- AS1870.1.
- 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 REPLACING THE EXISTING DISTRIBUTION BOARD DB-A. 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 THE NEW SWITCHBOARDS WITH NEW SWITCHGEAR AND CONTROLS. THE EXISTING SUPPLY SUBMAIN IS TO BE RECONNECTED.

ANY INTERRUPTION TO THE POWER SUPPLY TO ANY SERVICES OUTSIDE OF THE AREA OF WORKS MUST BE RESTRICTED TO OUTSIDE OF THE PUBS 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-A.
- CABLE ACCESS WAYS.
- CIRCUITS.
- ISOLATORS AND OUTLETS.
- TESTING AND COMMISSIONING.
- REMOVAL OF ALL EXISTING REDUNDANT SERVICES.
- RECONNECTION OF ALL EXISTING SERVICES THAT REMAIN.
- GAMING ELECTRICAL SERVICES POLES.

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

PROVIDE DISTRIBUTION BOARD DB-A AS FOLLOWS:

- WALL MOUNTED.
- IP44 FORM 261.
- LIGHT GREY 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 SCHNEIDER OR NHP/ TERASAKI.
- PROVIDE SHOP DRAWINGS FOR APPROVAL.
- 25% SPARE POLES AT PRACTICAL COMPLETION.
- ALL COMPONENTS ARE TO BE LABELLED WITH NON-STICK LABELS.

ENSURE ALL THREE PHASE CIRCUITS ARE PROVIDED WITH CORRECT PHASE ROTATION.

ENSURE ALL OUTLETS AND ISOLATORS ARE POSITIONED SUCH THAT THEY ARE NOT COVERED BY THE EQUIPMENT. THE FINAL POSITION OF ALL OUTLETS AND ISOLATORS ARE TO BE CONFIRMED ON SITE BY THE TENANTS REPRESENTATIVE.

ALL PENDANT OUTLETS ARE TO BE PROVIDED WITH A CHAIN RESTRAINT FROM THE CEILING.

7. 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.
- 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 INCLUDING THE REDUNDANT DYNALITE CONTROLLERS.

COMMISSION THE LIGHTING CONTROL AT PRACTICAL COMPLETION AND AGAIN THREE TIMES DURING THE DEFECTS AND LIABILITY PERIOD TO THE SATISFACTION OF THE OPERATOR.

ENSURE THE LIGHTING CONTROL MODULES ARE COMPATABLE WITH THE LOAD BEING CONTROLLED.

NOTES

8. 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 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.

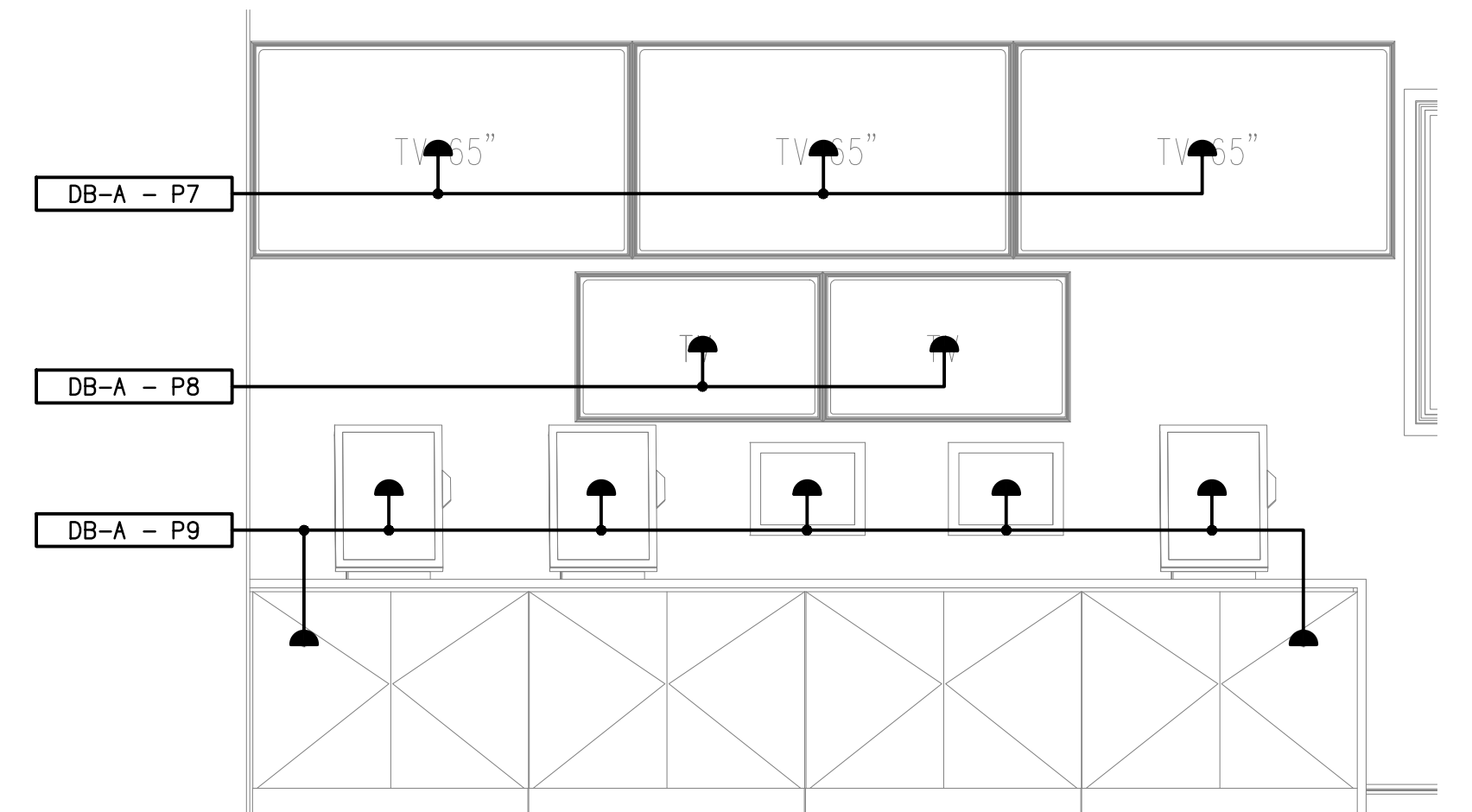
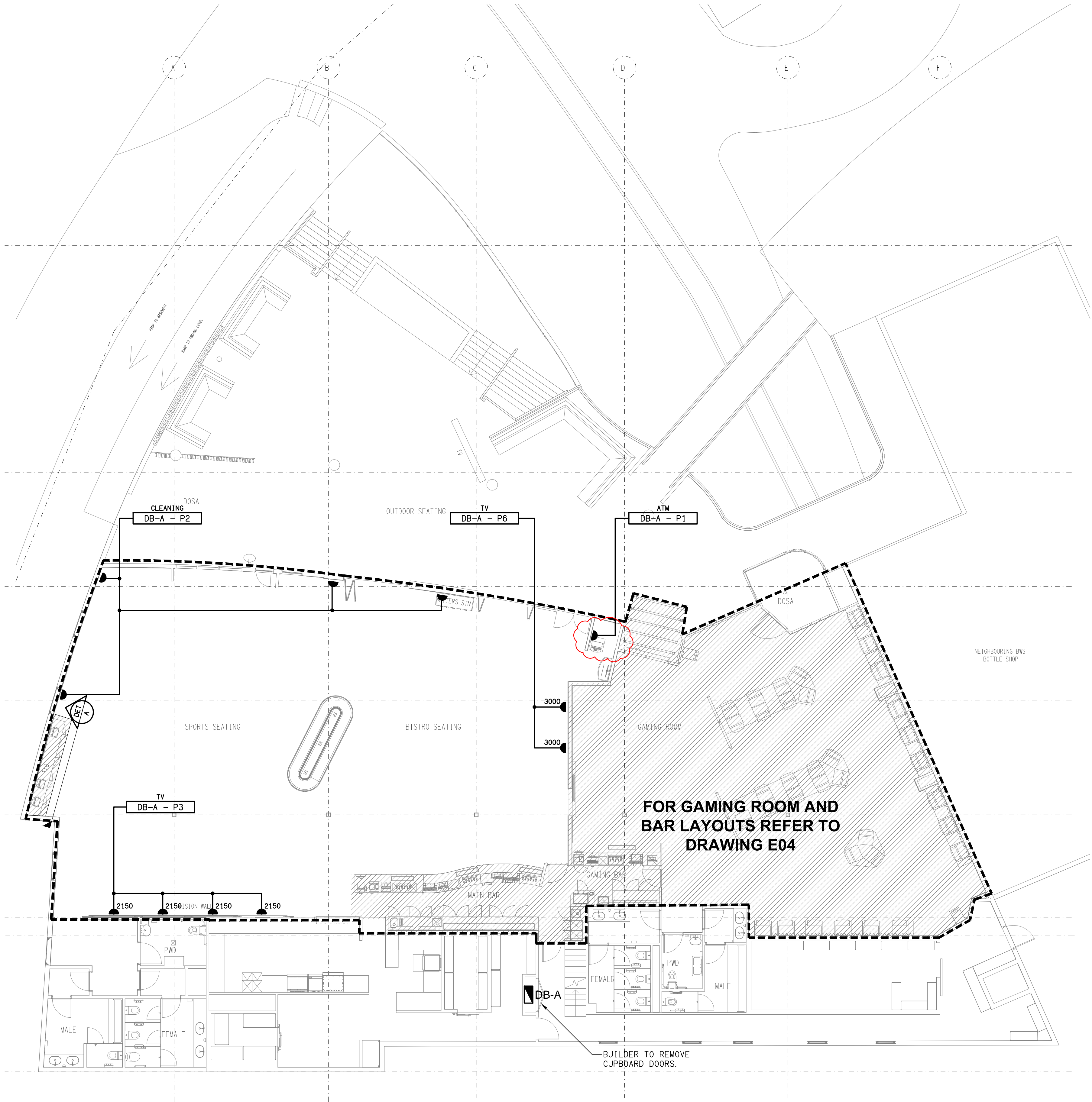
THIS EVIDENCE IS TO BE IN THE FORM OF A LOG BOOK SIMILAR TO THE GENERAL LIGHTING SERVICE PTY LTD "EMERGENCY LIGHTING MAINTENANCE LOG BOOK AND MANUAL" WHICH IS TO BE PROVIDED BY THE ELECTRICAL SUB-CONTRACTOR AND HAVE ALL ENTRIES FULLY COMPLETED AND BE PRESENTED FOR INSPECTION AT PRACTICAL COMPLETION. 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.

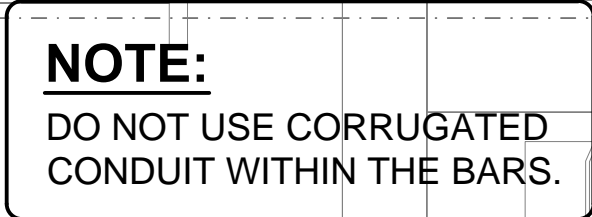
9. ABBREVIATIONS

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.
DW - DISHWASHER.
HP - HOT PLATE.
MCB - MINIATURE CIRCUIT BREAKER.
MSB - MAIN SWITCHBOARD.
MSSB - MECHANICAL SERVICES SWITCHBOARD.
MW - MICROWAVE.
N - NEON / LED INDICATOR WHEN ON.
NTS - NOT TO SCALE.
OV - OVEN.
QDC - QUEENSLAND DEVELOPMENT CODE.
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.

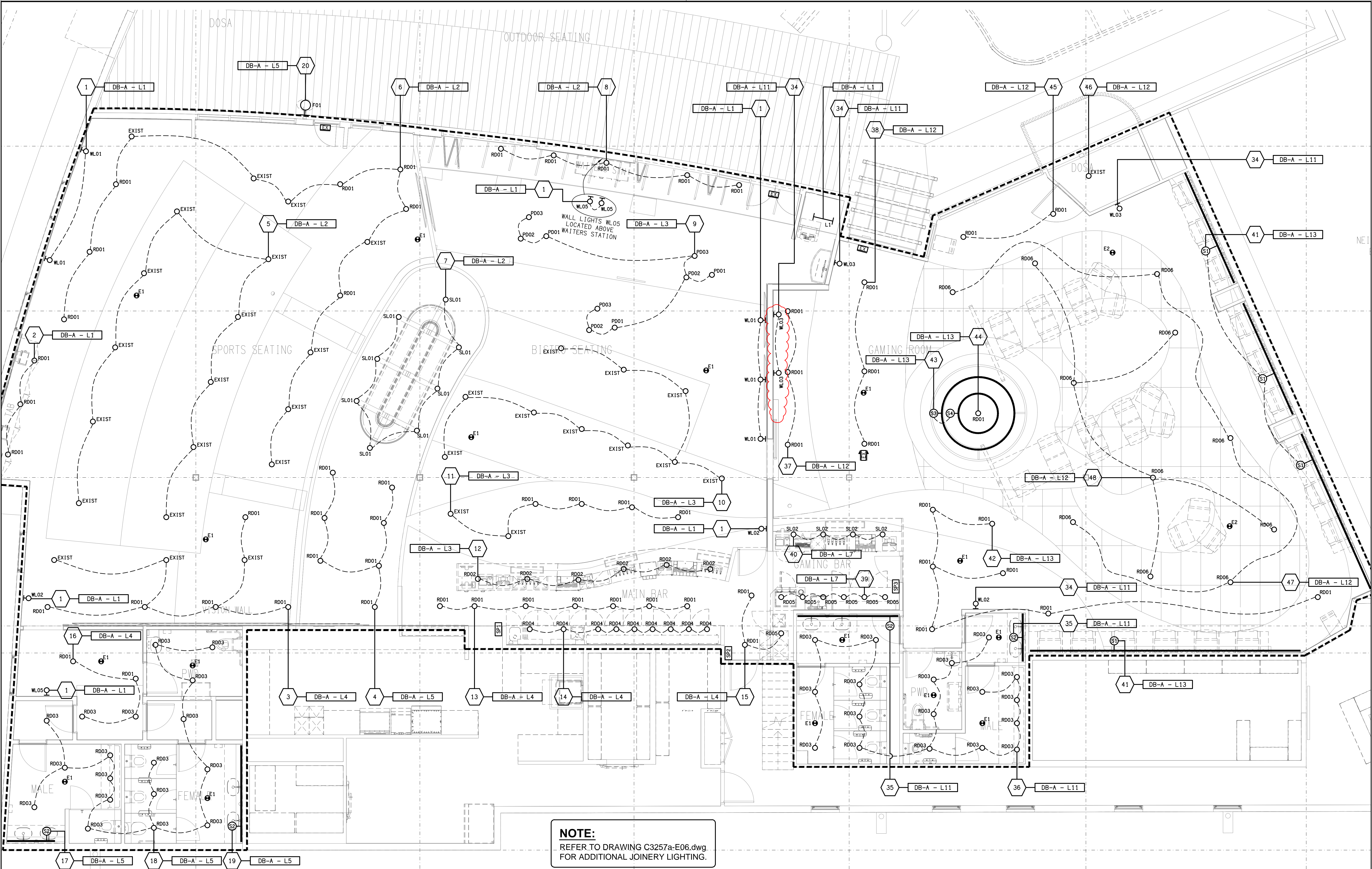
<div><div>ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793</div><div>TRADING AS: ELECTRICAL DESIGN GROUP</div></div>		<div><div>THE COPYRIGHT OF THIS DRAWING REMAINS THE PROPERTY OF THE ELECTRICAL DESIGN GROUP.</div><div>USE FIGURED DIMENSIONS IN PREFERENCE TO SCALE.</div><div>ALL DIMENSIONS TO BE VERIFIED ONSITE.</div></div>		<div><div><div><div><div></div></div><div>ELECTRICAL DESIGN GROUP</div><div>ELECTRICAL BUILDING SERVICES CONSULTANTS</div><div>BRISBANEGOLD COAST</div></div><div><div>P.O.Box 15, Sherwood Q.4075 Phone: (07) 3278 4375 Email: brisbane@edg.net.au Web: www.edg.net.au</div></div></div></div>		<div>PROJECT: PUB MOOLOOLABA</div> <div>23 VENNING STREET, MOOLOOLABA</div>		<div><div><div>C</div><div>CONSTRUCTION</div><div>29/11/2024</div></div><div><div>REV:</div><div>DESCRIPTION:</div><div>DATE:</div></div></div>	
						<div>DRAWING: ELECTRICAL SERVICES NOTES</div>		<div><div>SCALE: NOT TO SCALE</div><div>PROJECT NO: C3257a</div><div>DRAWING NO: E02</div><div>REVISION: C</div></div>	



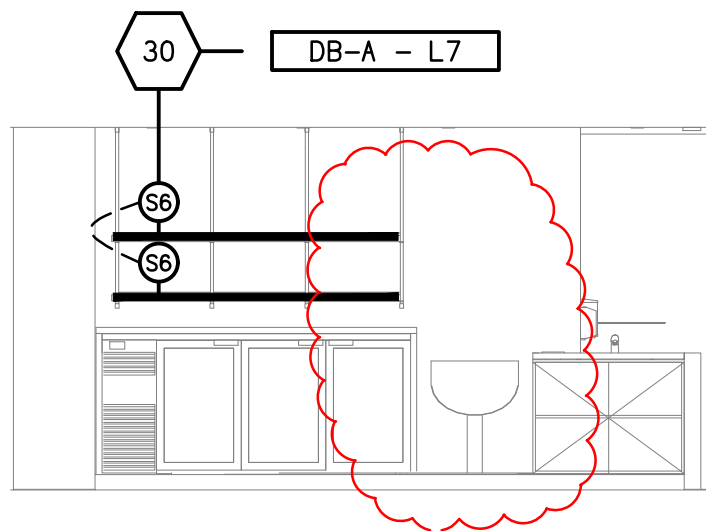
DETAIL A
SPORTS TAB WALL ELEVATION
SCALE 1:25



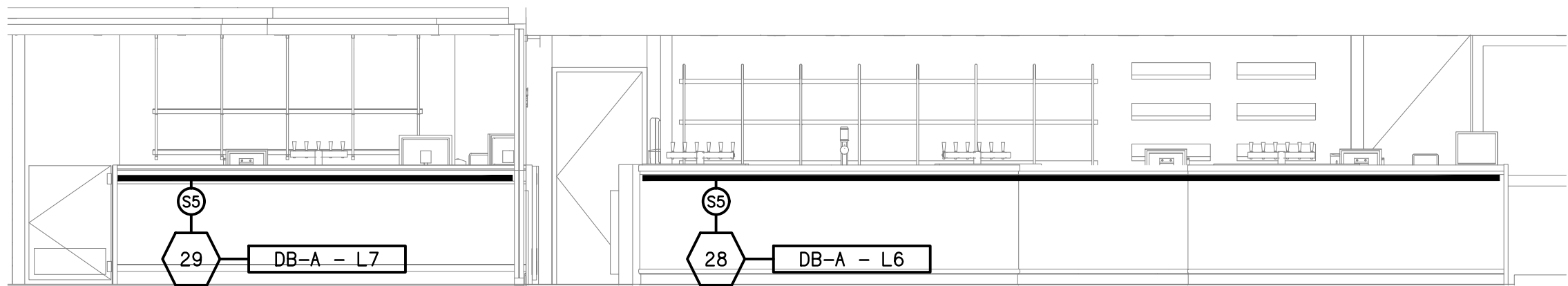
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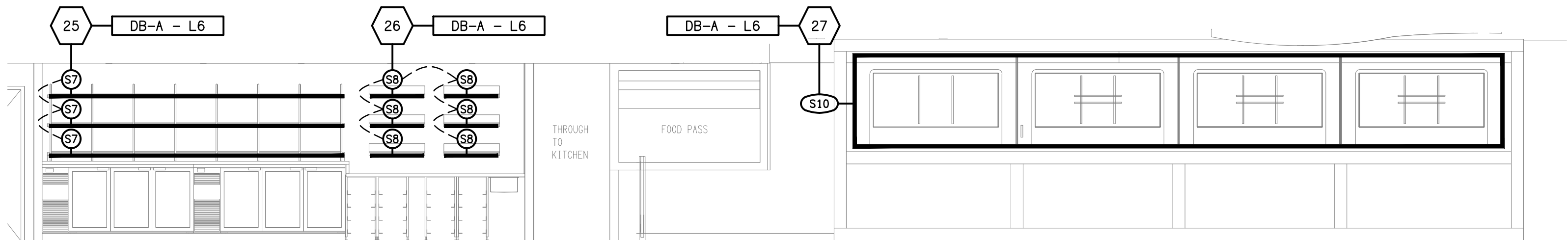
NOTE:
REFER TO DRAWING C3257a-E06.dwg.
FOR ADDITIONAL JOINERY LIGHTING.



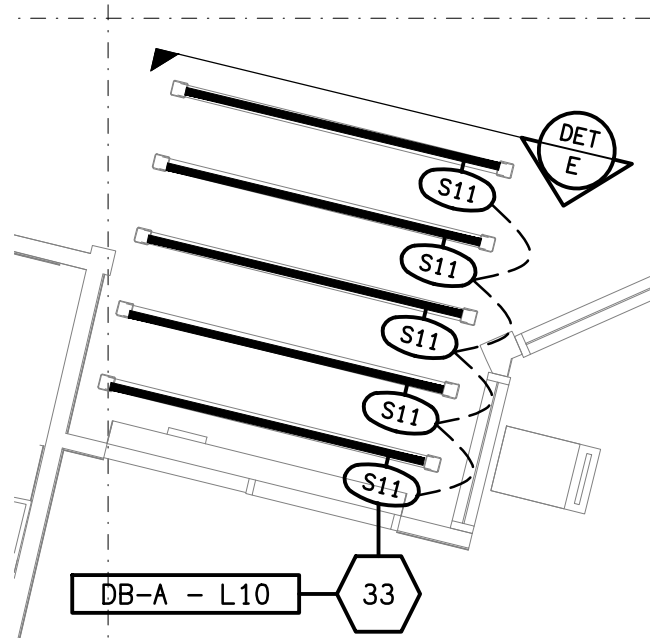
DETAIL A
GAMING BAR REAR WALL ELEVATION
SCALE 1: 50



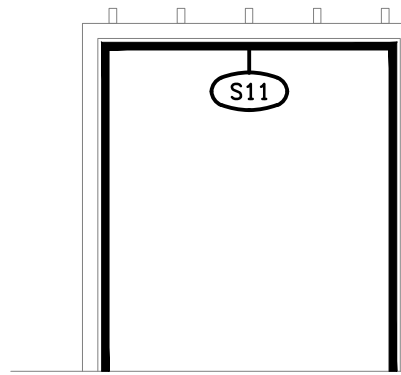
DETAIL B
GAMING / MAIN BAR COUNTER ELEVATION
SCALE 1: 50



DETAIL C
MAIN BAR REAR WALL / VISION WALL ELEVATION
SCALE 1: 50

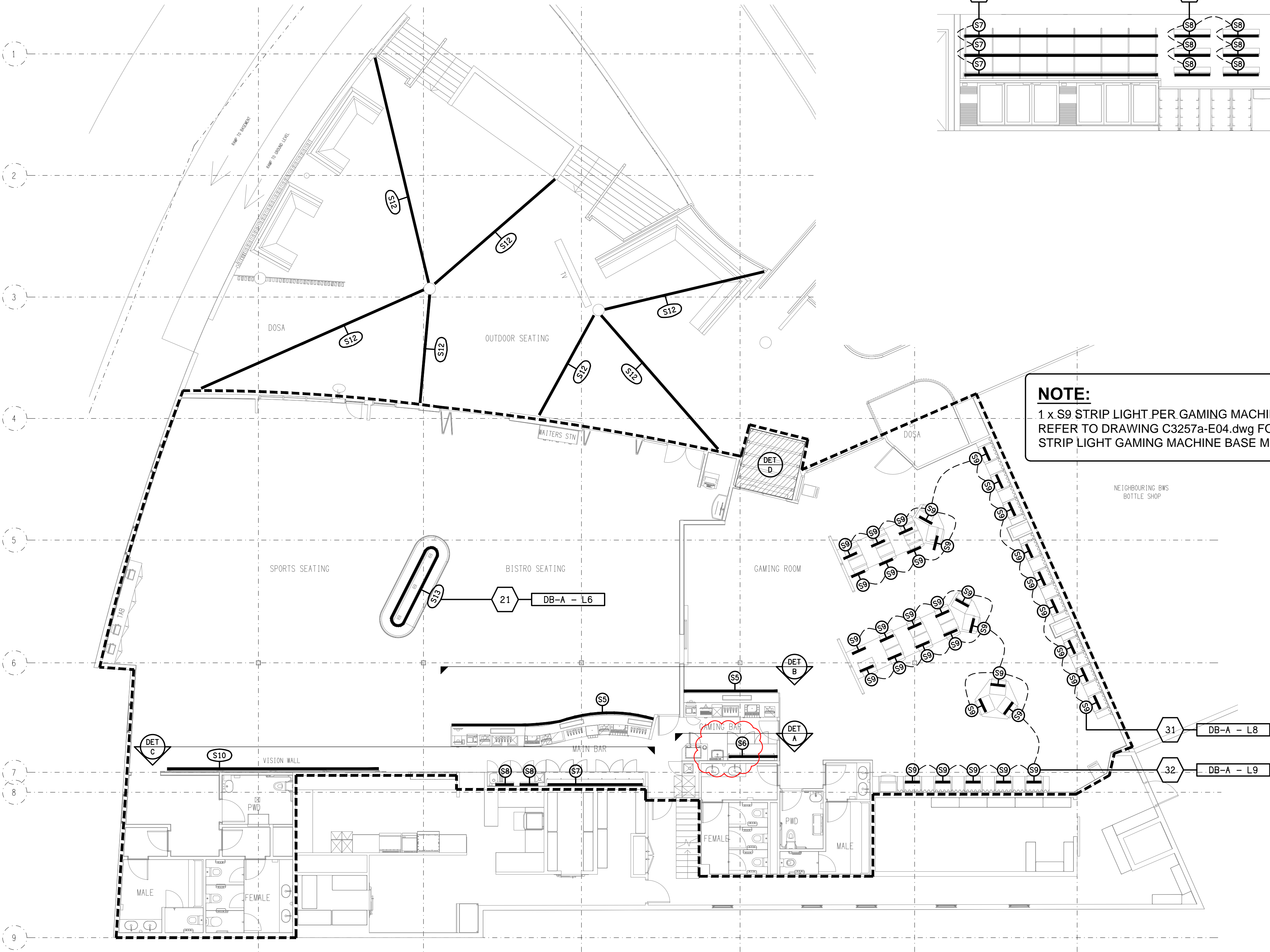


DETAIL D
GAMING ENTRY PLAN
SCALE 1: 50



DETAIL E
GAMING ENTRY ELEVATION
SCALE 1: 50

NOTE:
1 x S9 STRIP LIGHT PER GAMING MACHINE BASE.
REFER TO DRAWING C3257a-E04.dwg FOR THE S9
STRIP LIGHT GAMING MACHINE BASE MOUNTING.



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PROJECT:
PUB MOOLOOLABA

23 VENNING STREET, MOOLOOLABA

E	CONSTRUCTION	29/11/2024
REV.	DESCRIPTION:	DATE:

DRAWING:
ELECTRICAL SERVICES
JOINERY LIGHTING

SCALE:
1:100 UNO AT A1

PROJECT NO:
C3257a

DRAWING NO:
E06

REVISION:
E