



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

C3413a - EDEN BREWHOUSE, REDBANK PLAINS

C3413a-0001(C).xls

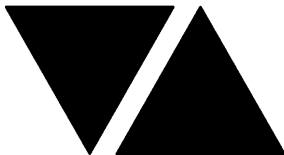
ELECTRICAL SERVICES CONTRACT DOCUMENT SCHEDULE

REVISION C - 23 MAY 2025

ISSUING INFORMATION				DATE OF ISSUE						
	DAY	12	16	23						
	MONTH	05	05	05						
	YEAR	25	25	25						
REASON FOR ISSUE				T	T	T				
A = APPROVAL				C = CONSTRUCTION			N = COORDINATION			P = PRELIMINARY
										T = TENDER

DISTRIBUTION				NUMBER OF COPIES						
WWW.EDG.NET.AU				1E	1E	1E				
INASPACE ARCHITECTS				1E	1E	1E				
METTLE				1E	1E	1E				
EMPIRE PROJECT MANAGEMENT				1E	1E	1E				
P = PRINT				T = TRACING		D = DISC		E = EMAIL		F = FAX

DOCUMENTS		REVISION								
C3413a-E01.dwg	LEGEND & SITE PLAN	A	B							
C3413a-E02.dwg	NOTES	A	B							
C3413a-E03.dwg	FLOOR PLAN	A	B							
C3413a-E04.dwg	GAMING ROOM FLOOR PLAN	A	B	C						
C3413a-E05.dwg	REFLECTED CEILING PLAN	A								
C3413a-0001.xls	CONTRACT DOCUMENT SCHEDULE	A	B	C						
C3413a-0002.xls	EQUIPMENT SCHEDULE	A								
C3413a-0004.xls	LIGHTING CONTROL SCHEDULE	A	B							
C3413a-0005.xls	DISTRIBUTION BOARD DB-G SCHEDULE	A	B							



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375 Fax: (07) 3716 0222

Web Site: www.edg.net.au Email: brisbane@edg.net.au

C3413a - EDEN BREWHOUSE, REDBANK PLAINS

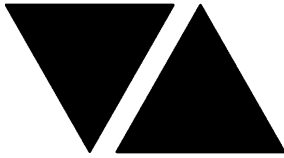
C3413a-0002(A).xls

ELECTRICAL EQUIPMENT SCHEDULE

REVISION A - 12 MAY 2025

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	12W/M 2700K CRI MIN 90+ LED	FLEXIBLE LED ROPE FLEX SCREW FIXED RECESSED BEHIND THE MIRROR AS PER THE ARCHITECTURAL DETAIL. PROVIDE THE L1 STRIP WITH REMOTE DALI DIMMABLE POWER SUPPLIES AS REQUIRED LOCATE THE POWER SUPPLIES IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS. IT IS ACCEPTABLE TO SUPPLY MULTIPLE L1 RUNS WITHIN THE SAME ROOM FROM A COMMON SUITABLY SIZED POWER SUPPLY.	WHITE	SELECTION BY CONTRACTOR SUBMIT DETAILS FOR APPROVAL	A
L2	12W/M 2700K CRI MIN 90+ LED	FLEXIBLE LED ROPE FLEX SCREW FIXED RECESSED INTO THE PLANTER RECESS AS PER THE ARCHITECTURAL DETAIL. PROVIDE THE L2 STRIP WITH REMOTE DALI DIMMABLE POWER SUPPLIES AS REQUIRED LOCATE THE POWER SUPPLIES IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS. IT IS ACCEPTABLE TO SUPPLY MULTIPLE L2 RUNS WITHIN THE SAME ROOM FROM A COMMON SUITABLY SIZED POWER SUPPLY.	WHITE	SELECTION BY CONTRACTOR SUBMIT DETAILS FOR APPROVAL	A
L3	3000K LED	AMENITY RECESSED DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	WHITE	EQUAL TO GAMMA ILLUMINATION MYLO 1004-3K-13W	A
L4	EXISTING LIGHT TO BE RETAINED AS IS				A
L5	TRAILING EDGE DIMMABLE 240 VOLT 2700K E27 FILAMENT LED 400 LUMENS +/- 10% 40,000 HOUR LIFE	SURFACE MOUNTED IP55 FITTING	BLACK	LIGHTING COLLECTIVE SKU LCN0100CL-1	A
L6	PROVIDE NEW PENDANT LIGHTS TO MATCH THE EXISTING DINING ROOM PENDANTS				A
L7	20W 3000K LED	REPLACE THE EXISTING WALL MOUNTED BATTEN WITH A NEW IP54 FITTING UTILISING THE EXISTING CIRCUIT AND CONTROLS	BLACK	EQUAL TO GAMMA ILLUMINATION TOMMASO 1775-3K-20W	A
L8	22W 3000K LED	RECESSED DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	EQUAL TO GAMMA ILLUMINATION COBALT 1441-3K-22W	A
L9	13W 3000K LED	RECESSED 40DEG DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	WHITE	EQUAL TO GAMMA ILLUMINATION RHO 1001-3K-13W	A



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375 Fax: (07) 3716 0222

Web Site: www.edg.net.au Email: brisbane@edg.net.au

C3413a - EDEN BREWHOUSE, REDBANK PLAINS

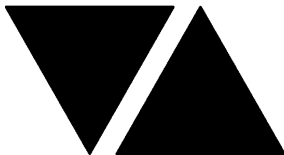
C3413a-0002(A).xls

ELECTRICAL EQUIPMENT SCHEDULE

REVISION A - 12 MAY 2025

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
PL1	3 X TRAILING EDGE DIMMABLE 240 VOLT 2700K E27 FILAMENT LED 400 LUMENS +/- 10% 40,000 HOUR LIFE	DECORATIVE PENDANT CONFIRM THE SUSPENSION HEIGHT ON SITE WITH THE ARCHITECT	ANTIQUE BLACK	LIGHTING COLLECTIVE EXTRA LARGE WOVEN IRON STRIPES	A
PL2	3 X TRAILING EDGE DIMMABLE 240 VOLT 2700K E27 FILAMENT LED 400 LUMENS +/- 10% 40,000 HOUR LIFE	DECORATIVE PENDANT CONFIRM THE SUSPENSION HEIGHT ON SITE WITH THE ARCHITECT	ANTIQUE BLACK	LIGHTING COLLECTIVE LARGE WOVEN IRON STRIPES	A
E1	LED	EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D63 - C90-D63.	WHITE	CLEVERTRONICS CLIFE-PRO	A
E2	LED	EMERGENCY LIGHT: SURFACE MOUNTED ON THE UNDERSIDE OF THE TABLE TRAY SYSTEM NON- MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D63 - C90-D63.	BLACK	CLEVERTRONICS CLIFE-PRO- SM-BLK	A
EX	LED	BLACK 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.	BLACK	CLEVERTRONICS LUB PRO SM	A
CEILING FAN 1 (CF1)		NEW CEILING FAN TO MATCH THE EXISTING ADJACENT CF3 OUTDOOR DINING CEILING FANS LOCATE THE CONTROLS WITHIN THE OFFICE ADJACENT THE EXISTING CONTROLS.			A
CEILING FAN 2 (CF2)		750 DIA WALL MOUNTED FAN. CONFIRM THE MOUNTING HIGHT ON SITE WITH THE ARCHITECT.	BLACK	CEILING FANS DIRECT MERCATOR AIRBOND SKU 223329	A
CEILING FAN 3 (CF3)		EXISTING CEILING FAN TO REMAIN AS IS			A
CEILING FAN 4 (CF4)		1780 DIA CEILING FAN C/W RAKED CEILING MOUNT. CONFIRM THE DROP LENGTH WITH THE ARCHITECT	BLACK & KOA	CEILING FANS DIRECT 277491	A
HAND DRYER CONNECTION (HD)		SINGLE POWER OUTLET C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND FOR THE HAND DRYER MOUNT THE GPO AS PER THE ARCHITECTURAL DETAIL	WHITE UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES	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



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375 Fax: (07) 3716 0222

Web Site: www.edg.net.au Email: brisbane@edg.net.au

C3413a - EDEN BREWHOUSE, REDBANK PLAINS

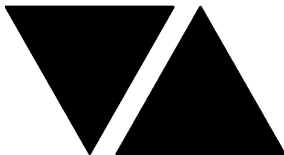
C3413a-0002(A).xls

ELECTRICAL EQUIPMENT SCHEDULE

REVISION A - 12 MAY 2025

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
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
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
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-K		EXISTING DISTRIBUTION BOARD DB-K TO BE PROVIDED AN ADDITIONAL CIRCUIT AS DETAILED. UPDATE THE SCHEDULE ACCORDINGLY			A
DB-G		EXISTING DISTRIBUTION BOARD DB-G TO BE PROVIDED WITH AN ADDITIONAL CUBICAL AS PER THE NOTES AND DB-G SCHEDULE. THE SWITCHGEAR FOR THE EXISTING DB-G CIRCUITS THAT BECOME REDUNDANT ARE TO BE REMOVED. UPDATE THE SCHEDULE AT PRACTICAL COMPLETION SUCH THAT THE USE AND LOCATION CAN BE SIMPLY IDENTIFIED.			A
MDB		EXISTING mdb TO REMAIN AS IS			A
MSSB		EXISTING MECHANICAL SERVICES SWITCHBOARD TO REMAIN AS IS			A
DIMMERS		EXISTING PHILIPS DYNALITE DIMMERS TO REMAIN AS IS			A
CIRCUIT DB-K - P1		PROVIDE CIRCUIT DB-K - P1 AS A 20 AMP RCBO PROTECTED 2.5MM CIRCUIT SUPPLIED FROM DB-K			A
COMMUNICATIONS RACK (CR-A)		EXISTING SECURITY RACK TO REMAIN AS IS			A
COMMUNICATIONS RACK (CR-B)		EXISTING AV RACK TO REMAIN AS IS			A
COMMUNICATIONS RACK (CR-C)		EXISTING COMMUNICATIONS RACK TO BE UPGRADED WITH NEW PATCH PANELS TO ACCOMMODATE THE ADDITIONAL COMMUNICATIONS OUTS AS REQUIRED.			A
COMMUNICATIONS RACK (CR-E)		EXISTING GAMING RACK TO BE REMOVED. ALL EXISTING SERVICES WITHIN CR-E THAT REMAIN ARE TO BE RELOCATED INTO CR-G			A



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375 Fax: (07) 3716 0222

Web Site: www.edg.net.au Email: brisbane@edg.net.au

C3413a - EDEN BREWHOUSE, REDBANK PLAINS

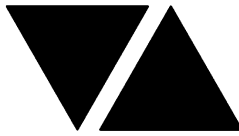
C3413a-0002(A).xls

ELECTRICAL EQUIPMENT SCHEDULE

REVISION A - 12 MAY 2025

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
COMMUNICATIONS RACK (CR-G)		PROVIDE A NEW GAMING COMMUNICATIONS RACK 42RU 600WIDE X 600DEEP C/W CASTERS. PROVIDE ALL NECESSARY FIBERS AND PATCH PANELS TO ACCOMMODATE THE GAMING CABLING THIS INCLUDES SEPARATE E-BET, LINK AND CMS PATCH PANELS. PROVIDE THE RACK WITH FOUR TOP MOUNTED VENTILATION FANS A 10 PORT POWER RAIL AND THREE HALF DEPTH SHELVES. RELOCATE / REPLACE THE EXISTING LEAD-IN AND TIE CABLES TO CR-E TO CR-G.		4 CABLING SKU 002.001.4260	A
COMMUNICATIONS OUTLET		RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO CAT 6 PATCH PANELS IN RACK CR-C 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
GAMING OUTLETS		PROVIDE EACH BANK OF GAMING MACHINES WITH: <ul style="list-style-type: none">• THREE CAT 6 OUTLETS LABELLED S1, S2, AND S3 CABLED TO A E-BET PATCH PANEL IN CR-G VIA GREEN CAT 6 UTP CABLE.• FOUR CAT 6 OUTLETS LABELLED L1, L2, L3, AND L4 CABLED TO A LINK PATCH PANEL IN CR-G VIA RED CAT 6 UTP CABLE.• A CAT 6 OUTLET LABELLED CMS CABLED TO A CMS PATCH PANEL IN CR-G VIA YELLOW AMP CERTIFIED CAT 6 UTP CABLE. THE GAMING MACHINE BANK OUTLETS MUST NOT PASS THROUGH ANY OTHER GAMING MACHINE BANKS.			A
GAMING FIBRE (GF)		PROVIDE A HPELL PLASTIC 2X DUPLEX FIBRE OPTIC CABLE BETWEEN THE POKER MACHINE BASES AND FROM THE POKER MACHINE BASES BACK TO RACK CR-G AS INDICATED. RUN ALL FIBRE CABLING OUTSIDE OF THE POKER MACHINE BASES IN 25MM DIA CONDUIT. OTHER THAN FIBRE CONNECTING ADJACENT BASES, UNIQUELY IDENTIFY EACH FIBRE DURABLE CABLE AT EACH END. PROVIDE EACH FIBRE CABLE WITH A 4M. TERMINATION WILL BE BY OTHERS.			A
FIRE INDICATOR PANEL (FIP)		EXISTING FIP TO BE UPGRADED AS REQUIRED TO ACCOMMODATE THE DETECTOR AND SPEAKER CHANGES.			A
SMOKE DETECTOR		AS1670.1 SURFACE MOUNTED SMOKE DETECTOR			A
THERMAL DETECTOR		SURFACE MOUNTED THERMAL DETECTOR TO AS1670.1.			A
RECESSED FIRE ALARM SPEAKER		AS1670.1 RECESSED FIRE ALARM SPEAKER C/W WHITE GRILL			A



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375 Fax: (07) 3716 0222

Web Site: www.edg.net.au Email: brisbane@edg.net.au

C3413a - EDEN BREWHOUSE, REDBANK PLAINS

C3413a-0004(B).xls

LIGHTING CONTROL SCHEDULE

REVISION B - 16 MAY 2025

MISCELLANEOUS EQUIPMENT					REV
ITEM	DESCRIPTION				A
CONTROL MODULE 1					A
TYPE:		DYNALITE DDBC1200			A
DESCRIPTION		12CH BOARD CAST DALI CONTROLLER			A
LOCATION		DIN RAIL MOUNTED WITHIN DB-G			A
BUS:		A			A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUIT	USE	A
1	DALI DIM	GAMING	DB-G-L1	L9	B
2	DALI DIM	OUTDOOR DINING	DB-G-L4	L8	A
3	DALI DIM	AMENITY	DB-G-L7	L3	B
4	DALI DIM	AMENITY	DB-G-L8	L1	B
5	DALI DIM	PLANTER	DB-G-L7	L2	A
6	DALI DIM				A
7	DALI DIM				A
8	DALI DIM				A
9	DALI DIM				A
10	DALI DIM				A
11	DALI DIM				A
12	DALI DIM				A
CONTROL MODULE 2					A
TYPE:		DYNALITE DDMC802			A
DESCRIPTION		8CH MODULAR CONTROLLER			A
LOCATION		DIN RAIL MOUNTED WITHIN DB-G			A
BUS:		A			A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUITS	USE	A
13	DGTM105	DINING	DB-G-L5	L6	A
14					
15	DGTM105	OUTDOOR DINING		L5	A
16					
17					A
18					A
19					A
20					A
CONTROL MODULE 3					
TYPE:		DYNALITE DDMC802			A
DESCRIPTION		8CH MODULAR CONTROLLER			A
LOCATION		DIN RAIL MOUNTED WITHIN DB-G			A
BUS:		A			A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUITS	USE	A
21	DGTM105	OUTDOOR DINING	DB-G-L8	PL1 & PL2	A
22					
23					A
24					A
25					A
26					A
27					A
28					A



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

C3413a - EDEN BREWHOUSE, REDBANK PLAINS

C3413a-0005(B).xls

DISTRIBUTION BOARD DB-G

REVISION B - 16 MAY 2025

FAULT CURRENT: 6kA CHASSIS SIZE: NEW 60 POLE CHASSIS RATING: 250A PHASES: 3							REV
MAIN SWITCH: 250AMP							A
							A
							A
							A
PROVIDE DB-G WITH AN ADDITIONAL CUBICAL THAT CONTAINS TWO FULL WIDTH DIN RAILS TO ACCOMMODATE FUTURE CONTROLS IN ADDITION TO THE CONTROLS INCLUDING THE DYNALITE EQUIPMENT PROVIDED AS PART OF THE INITIAL WORKS. SUPPLY THE CHASSIS IN THE NEW CUBICAL FROM THE LINE SIDE OF THE EXISTING DB-G MAIN SWITCH. PROVIDE THE NEW CHASSIS WITH A DEDICATED NON AUTO LOAD BREAK ISOLATION MAIN SWITCH. REMOVE ALL OF THE EXISTING SWITCHGEAR IN DB-G THAT IS MADE REDUNDANT BY THE WORKS. IT IS ACCEPTABLE TO UTILISE EXISTING DB-G CIRCUITS / SWITCHGEAR TO SUPPLY THE NEW CIRCUITS IF THEY ARE IN APPROPRIATE CONDITION, HAS SUFFICIENT CAPACITY AND APPROPRIATE CONTROLS. UPDATE THE DB-G SCHEDULE AT PRACTICAL COMPLETION SUCH THAT THE CIRCUIT USE AND LOCATION ARE OBVIOUS.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P1	3	20	RCBO	2.5	ROOF	AC	A
P2	1	20	RCBO TC ON OFF	2.5	ROOF	EXHAUST FAN	A
P3	3	20	RCBO TC ON OFF	2.5	ROOF	EXHAUST FAN	A
P4	1	20	RCBO	2.5		CR-G	A
P5	1	20	RCBO	2.5	OUTDOOR DINING	HEATERS	A
P6	1	20	RCBO	2.5	OUTDOOR DINING	TV	A
P7	1	20	RCBO	2.5	OUTDOOR DINING	TV	A
P8	1	20	RCBO	2.5	OUTDOOR DINING	TV	A
P9	1	20	RCBO	2.5		CLEANING	A
P10	1	20	RCBO	2.5	AMENITY	HAND DRYER	A
P11	1	20	RCBO	2.5	AMENITY	GPOs	A
P12	1	20	RCBO	2.5	AMENITY	HAND DRYER	A
P13	1	20	RCBO TC ON OFF	2.5	EXTERNAL	PLAYGROUND	A
P14	1	20	RCBO	2.5	OUTDOOR DINING	BLINDS	B
P15	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P16	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P17	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P18	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P19	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P20	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P21	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P22	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P23	1	20	RCBO	2.5	GAMING	GAMING MACHINES	A
P24	1	20	RCBO	2.5	GAMING	MODEM	A
P25	1	20	RCBO	2.5	GAMING	MODEM	A
P26	1	20	RCBO	2.5	GAMING	CRT	A
P27	1	20	RCBO	2.5	GAMING	CRT	A
P28	1	20	RCBO	2.5	GAMING	CLEANING	A
P28	1	20	RCBO	2.5	GAMING	FCU	A
P29	1	20	RCBO	2.5	OUTDOOR DINING	TV	A
P30	1	20	RCBO	2.5	OUTDOOR DINING	BLINDS	B
P31	1	20	RCBO	2.5	GAMING	SIGN	B
P32	1	20	RCBO	2.5	GAMING	SIGN	B
P33	1	20	RCBO	2.5	GAMING	SIGN	B
P34	1	20	RCBO	2.5	GAMING	SIGN	B
P35	1	20	RCBO	2.5	GAMING	SIGN	B
P36	1	20	RCBO TC ON OFF	2.5	ROOF	EXHAUST FAN	B



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

C3413a - EDEN BREWHOUSE, REDBANK PLAINS



















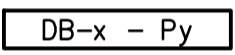



















C3413a-0005(B).xls

DISTRIBUTION BOARD DB-G






REVISION B - 16 MAY 2025

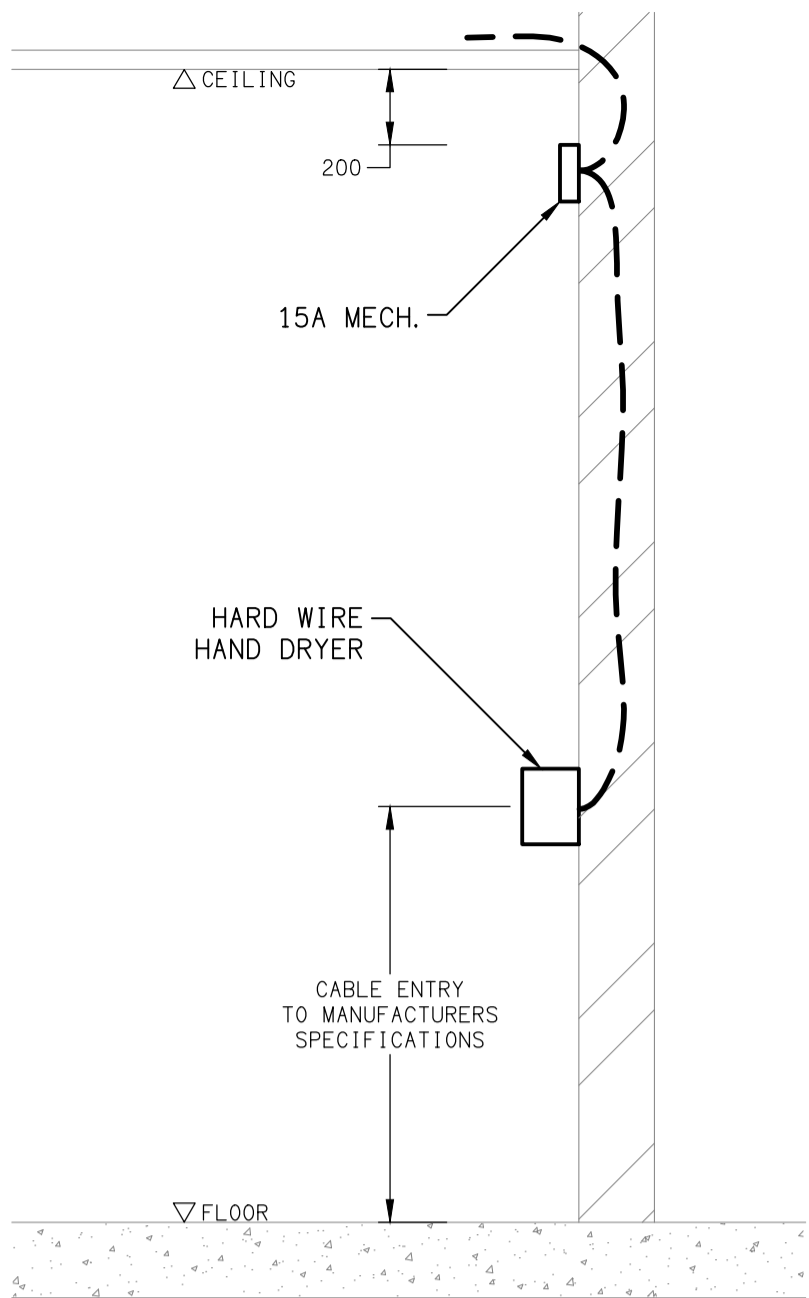
FAULT CURRENT: 6kA CHASSIS SIZE: NEW 60 POLE CHASSIS RATING: 250A PHASES: 3							MAIN SWITCH: 250AMP	REV
							A	
							A	
							A	
PROVIDE DB-G WITH AN ADDITIONAL CUBICAL THAT CONTAINS TWO FULL WIDTH DIN RAILS TO ACCOMMODATE FUTURE CONTROLS IN ADDITION TO THE CONTROLS INCLUDING THE DYNALITE EQUIPMENT PROVIDED AS PART OF THE INITIAL WORKS. SUPPLY THE CHASSIS IN THE NEW CUBICAL FROM THE LINE SIDE OF THE EXISTING DB-G MAIN SWITCH. PROVIDE THE NEW CHASSIS WITH A DEDICATED NON AUTO LOAD BREAK ISOLATION MAIN SWITCH. REMOVE ALL OF THE EXISTING SWITCHGEAR IN DB-G THAT IS MADE REDUNDANT BY THE WORKS. IT IS ACCEPTABLE TO UTILISE EXISTING DB-G CIRCUITS / SWITCHGEAR TO SUPPLY THE NEW CIRCUITS IF THEY ARE IN APPROPRIATE CONDITION, HAS SUFFICIENT CAPACITY AND APPROPRIATE CONTROLS. UPDATE THE DB-G SCHEDULE AT PRACTICAL COMPLETION SUCH THAT THE CIRCUIT USE AND LOCATION ARE OBVIOUS.							A	
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE		
L1	1	20	RCBO	2.5	GAMING	LIGHTS	A	
L2	1	20	RCBO	2.5	OUTDOOR DINING	FANS	A	
L3	1	20	RCBO	2.5	OUTDOOR DINING	FANS	A	
L4	1	20	RCBO	2.5	OUTDOOR DINING	LIGHTS	A	
L5	1	20	RCBO	2.5	OUTDOOR DINING	LIGHTS	A	
L6	1	20	RCBO	2.5	OUTDOOR DINING	FANS	A	
L7	1	20	RCBO	2.5	AMENITY	LIGHTS	A	
L8	1	20	RCBO	2.5	OUTDOOR DINING	LIGHTS	A	

LEGEND

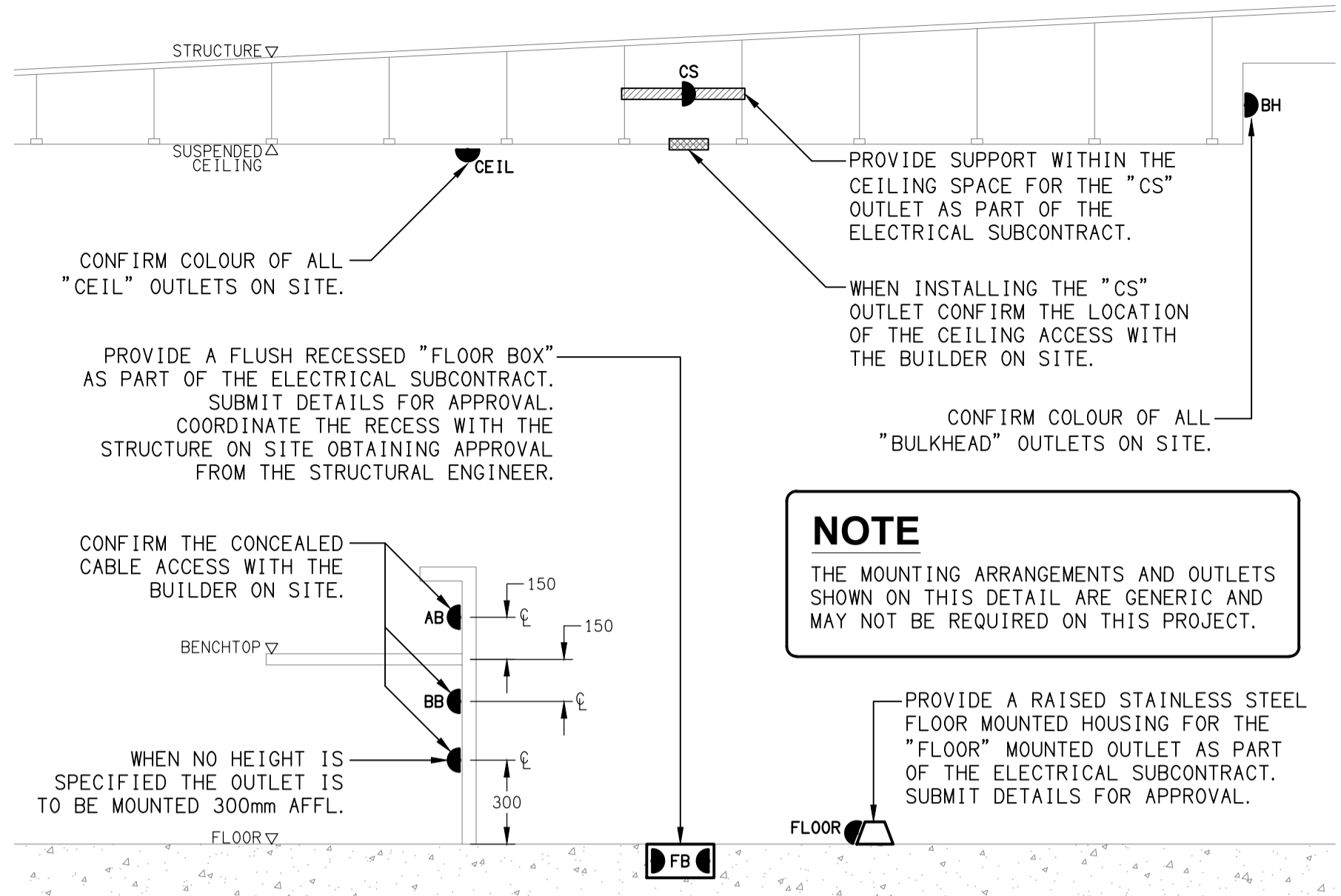
-  ELECTRICAL SERVICES SWITCHBOARD.
-  SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF THE ELECTRICAL SUBCONTRACT.
-  SINGLE POWER OUTLET.
-  DOUBLE POWER OUTLET.
-  BLIND POWER OUTLET, CONFIRM POSITION WITH BLIND SUPPLIER.
-  SPECIAL PURPOSE POWER OUTLET.
-  EXIST  EXISTING POWER OUTLET TO REMAIN AS NOTED.
-  SIGNAGE CONNECTION.
-  SINGLE PHASE ISOLATOR.
-  THREE PHASE ISOLATOR.
-  GAMING FIBRE.
-  CONDUIT ROUTE.
-  HAND DRYER CONNECTION.
-  RJ45 COMMUNICATIONS OUTLET.
-  RJ45 GAMING OUTLETS.
-  CIRCUIT LINE.
-  SWITCH LINE.
-  DB-x - Py POWER CIRCUIT DESIGNATION. DENOTES DB AND CIRCUIT.
-  LIGHTING CONTROL CHANNEL REFERENCE.
-  ELECTRICAL EQUIPMENT AS NOTED.
-  REFER TO DETAIL NOTED FOR THE AREA SHOWN HATCHED. ADDITIONAL OUTLETS & FITTINGS MAY BE SHOWN ON DETAIL.
-  FIRE INDICATOR PANEL.
-  SMOKE DETECTOR.
-  RECESSED FIRE ALARM SPEAKER.
-  CF1: NEW CEILING FAN TO MATCH EXISTING CF3 FAN.
-  CF2: 750 DIA WALL MOUNTED FAN.
-  CF3: EXISTING CEILING FAN TO REMAIN AS IS.
-  CF4: 1780 DIA SUSPENDED CEILING FAN.
-  E1: GENERAL RECESSED LED EMERGENCY LIGHT, WHITE.
-  E2: GENERAL RECESSED LED EMERGENCY LIGHT, BLACK.
-  EX: EMERGENCY LED EXIT LIGHT, WHITE UNLESS NOTED AS BLACK.
-  L1: MIRROR REAR LED STRIP LIGHT.
-  L2: PLANTER RECESS LED STRIP LIGHT.
-  L3: AMENITY RECESSED DOWNLIGHT.
-  L4: EXISTNG LIGHT TO BE RETAINED AS IS.
-  L5: SURFACE MOUNTED IP55 FITTING.
-  L6: NEW PENDANT TO MATCH EXISTING DINING ROOM PENDANT.

LEGEND

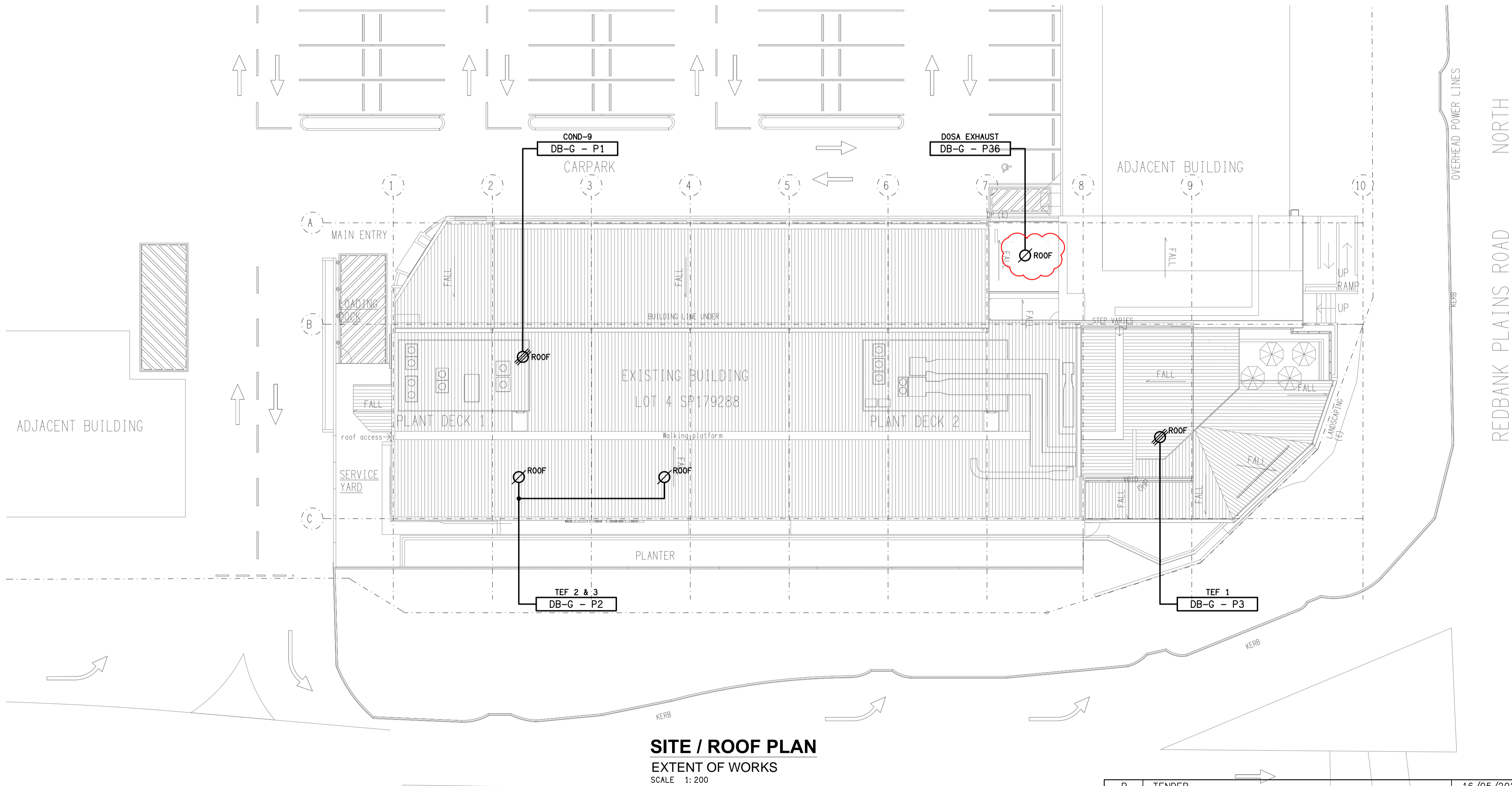
-  L7: EXISTING WALL LIGHT TO BE REPLACED WITH N
-  L8: DOSA RECESSED DOWNLIGHT
-  L9: GAMING RECESSED DOWNLIGHT.
-  PL1: DECORATIVE PENDANT LIGHT.
-  PL2: DECORATIVE PENDANT LIGHT.



DETAIL
HAND DRYER CONNECTION
NOT TO SCALE



DETAIL
TYPICAL OUTLET MOUNTINGS
NOT TO SCALE



NOTES

1. EXTENT OF WORKS

THE ELECTRICAL SERVICES SUB-CONTRACT IS TO BE UNDERTAKEN AS A DESIGN AND CONSTRUCT CONTRACT WITH THE ELECTRICAL SUB-CONTRACTOR TAKING RESPONSIBILITY FOR ALL ASPECTS OF THE ELECTRICAL SERVICES DESIGN, DOCUMENTATION AND INSTALLATION. THIS INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:

- DESIGN AND BUILDING APPROVAL CERTIFICATION.
- DESIGN DOCUMENTATION FOR APPROVAL.
- FOR CONSTRUCTION DOCUMENTATION.
- ELECTRICAL AUTHORITY APPLICATIONS, NEGOTIATIONS AND APPROVALS.
- 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.
- FIRE ALARM SYSTEM.
- 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 VENUE 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.

THE CURRENT ELECTRICAL SERVICES DESIGN AND DOCUMENTATION HAS BEEN DEVELOPED TO BE 75% COMPLETE. TO ALLOW THE SCOPE TO BE ESTABLISHED AND THE WORKS PRICED AS A DESIGN AND CONSTRUCT ELECTRICAL SUB CONTRACT. THE RESOLUTION OF THE DESIGN AND DOCUMENTATION IS TO BE UNDERTAKEN BY THE ELECTRICAL SERVICES SUB-CONTRACTOR AS PART OF THE WORKS. THIS RESOLUTION INCLUDES THOUGH IS NOT LIMITED TO ESTABLISHING / CONFIRMING AND RESOLVING THE REQUIREMENT OF THE FOLLOWING INCLUDING, SIZES, POSITIONS, CONNECTION TYPES, QUANTITIES ETC:

- HYDRAULIC SERVICES
- ILLUMINATED AND DIGITAL SIGNAGE
- ARCHITECTURE INCLUDING JOINERY
- MECHANICAL SERVICES

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.

IDENTIFY ALL EXISTING UNDERGROUND SERVICES WITHIN THE SCOPE OF THE WORKS PRIOR TO UNDERTAKING ANY EXCAVATION. 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 LIAISING, 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.

ANY INTERRUPTION TO THE POWER SUPPLY TO ANY SERVICES OUTSIDE OF THE AREA OF WORKS MUST BE RESTRICTED TO OUTSIDE OF THE TENANTS OPERATING HOURS AND MUST BE ADVISED TO THE OPERATOR IN WRITING TWO WEEKS PRIOR.

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. 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.
- STATE GOVERNMENT, DIVISION OF WORKPLACE, HEALTH AND SAFETY.
- 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 UPGRADING DB-G WITH AN ADDITIONAL CUBICAL TO ACCOMMODATE THE ADDITIONAL CIRCUITS. ALL OF THE EXISTING SWITCHBOARDS, CIRCUITS, CABLING AND OUTLETS THAT BECOME REDUNDANT ARE TO BE REMOVED. ANY INTERRUPTION TO THE POWER SUPPLY TO ANY SERVICES OUTSIDE OF THE AREA OF WORKS MUST BE RESTRICTED TO OUTSIDE OF THE VENUES OPERATING HOURS AND MUST BE ADVISED TO THE OPERATOR IN WRITING AT LEAST ONE WEEK PRIOR.

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

- POWER DISTRIBUTION.
- NEW DB-G CUBICAL AND SWITCHGEAR.
- 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 DB-G DISTRIBUTION BOARD SCHEDULE FOR ADDITIONAL REQUIREMENTS AND THE DB-G CIRCUIT DETAILS. THE ADDITIONAL DB-K CIRCUIT DETAILS ARE NOTED IN THE EQUIPMENT SCHEDULE.

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.

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.
- CEILING FANS.
- 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 LIGHTING CONTROL SYSTEM.

INTERFACE THE NEW PHILIPS DYNALITE CONTROLS INTO THE EXISTING SYSTEM AND REPROGRAM THE EXISTING SWITCH PANELS TO CONTROL THE NEW LIGHTING.

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

DALI TO PHASE DIMMING CONVERTERS ARE NOT ACCEPTABLE.

8. EMERGENCY AND EXIT LIGHTING

TEST THE EXISTING EMERGENCY AND EXIT LIGHTING TEST FACILITY AND CONFIRM COMPLIANCE WITH AS2293.1. ENSURE ALL OF THE EXISTING EMERGENCY AND EXIT LIGHTING IS CONTROLLED VIA THE TEST FACILITY AND CONFIGURED IN ACCORDANCE WITH AS2293.1. UTILISE THE EXISTING EMERGENCY AND EXIT LIGHTING TEST FACILITY TO SUPPLY THE NEW 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.

NOTES

9. COMMUNICATIONS

THE COMMUNICATIONS CABLING COMPONENT OF THIS CONTRACT INCLUDES THE REMOVAL OF THE GAMING COMMUNICATIONS RACK CR-E AND THE ESTABLISHMENT OF A NEW GAMING COMMUNICATIONS RACK CR-G. THE EXISTING SERVICES TO CR-E THAT REMAIN INCLUDING THE LEAD-IN SERVICES AND TIE CABLES ARE TO BE REPLACED / REDIRECTED TO CR-G. THE GAMING ROOM IS TO BE PROVIDED WITH NEW FIBRE CABLING AND CAT 6 UTP CABLING TO CR-G. THE GENERAL COMMUNICATIONS CABLE ARE TO BE RUN BACK TO CR-C. ALL REDUNDANT COMMUNICATIONS CABLING IS TO BE REMOVED AND THE PATCH PANEL PORT LABELS UPDATED ACCORDINGLY.

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

- NEW GAMING COMMUNICATIONS RACK CR-G.
- REMOVAL OF THE EXISTING GAMING COMMUNICATIONS RACK CR-E.
- GAMING OPTICAL FIBRE CABLE.
- GAMING CAT6 UTP OUTLETS.
- GENERAL CAT6 UTP COMMUNICATIONS OUTLETS.
- LABELLING.
- TESTING AND COMMISSIONING.
- REMOVAL OF ALL REDUNDANT COMMUNICATIONS CABLING.

10. FIRE ALARM SYSTEM.

THE FIRE ALARM SYSTEM COMPONENT OF THIS CONTRACT INCLUDES THE MODIFICATION OF THE ENTIRE EXISTING FIRE ALARM SYSTEM TO ACCOMMODATE THE PROPOSED RENOVATION.

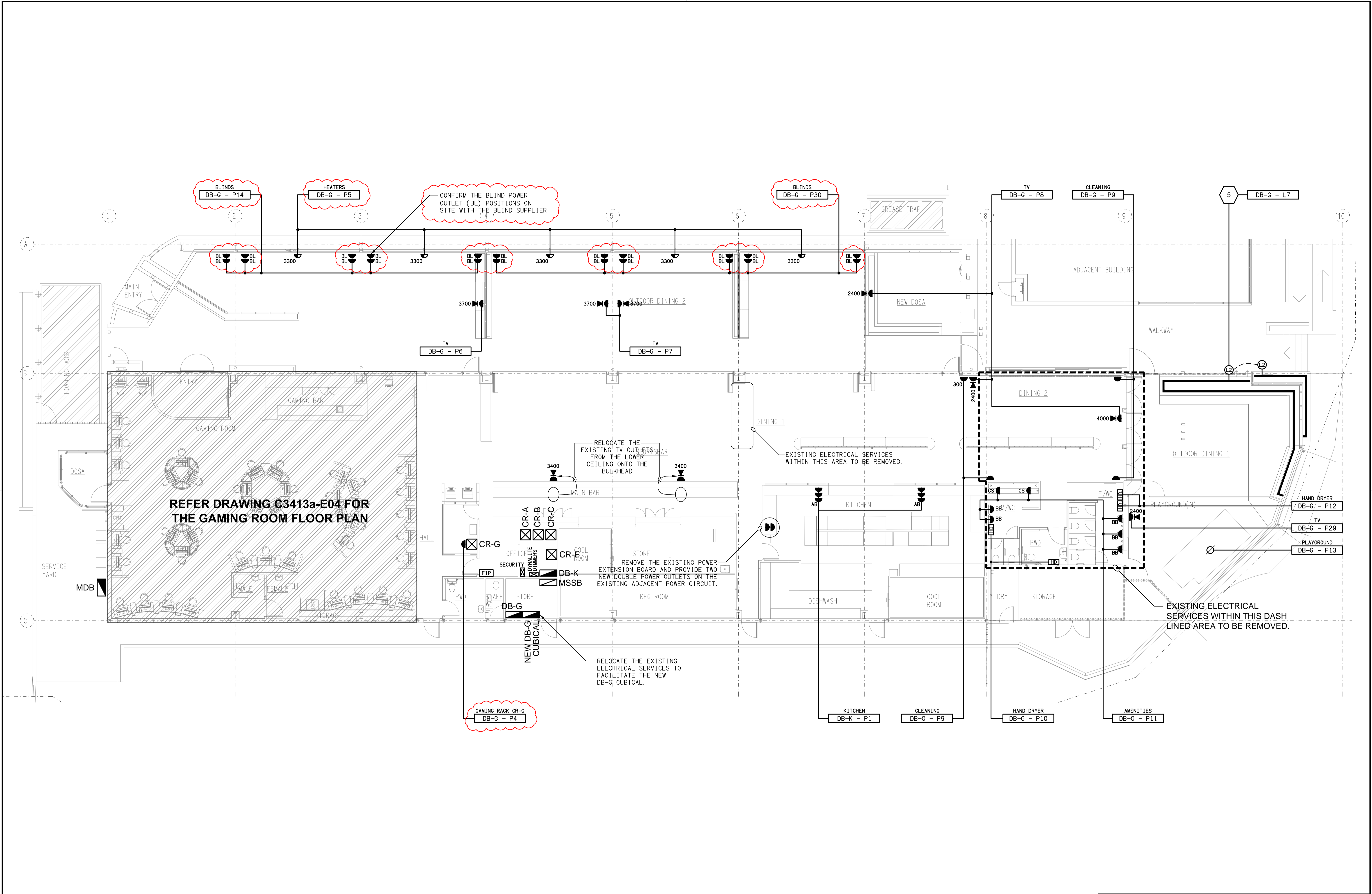
THE FIRE ALARM SYSTEM COMPONENT OF THIS CONTRACT INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING EXTENT OF WORK:

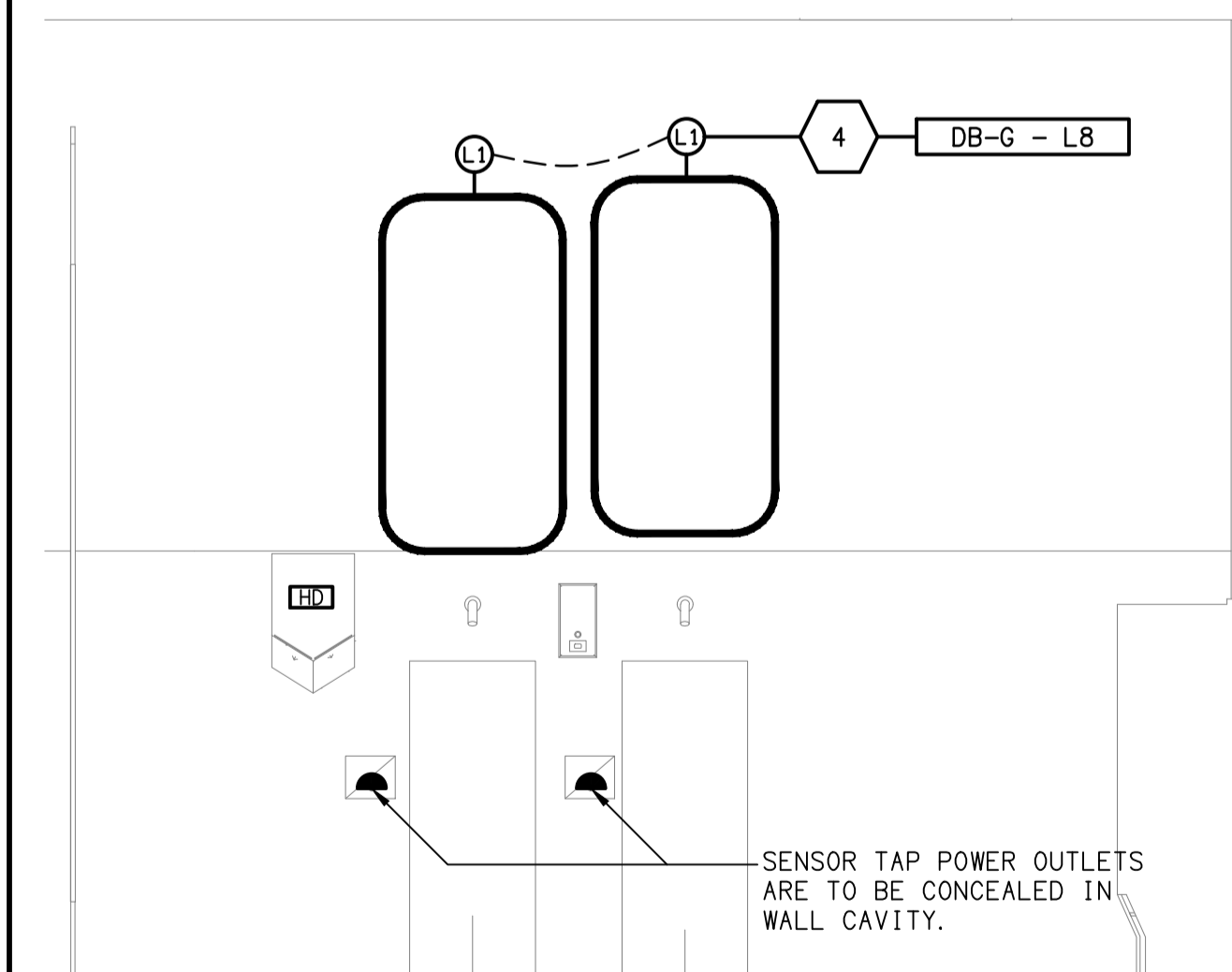
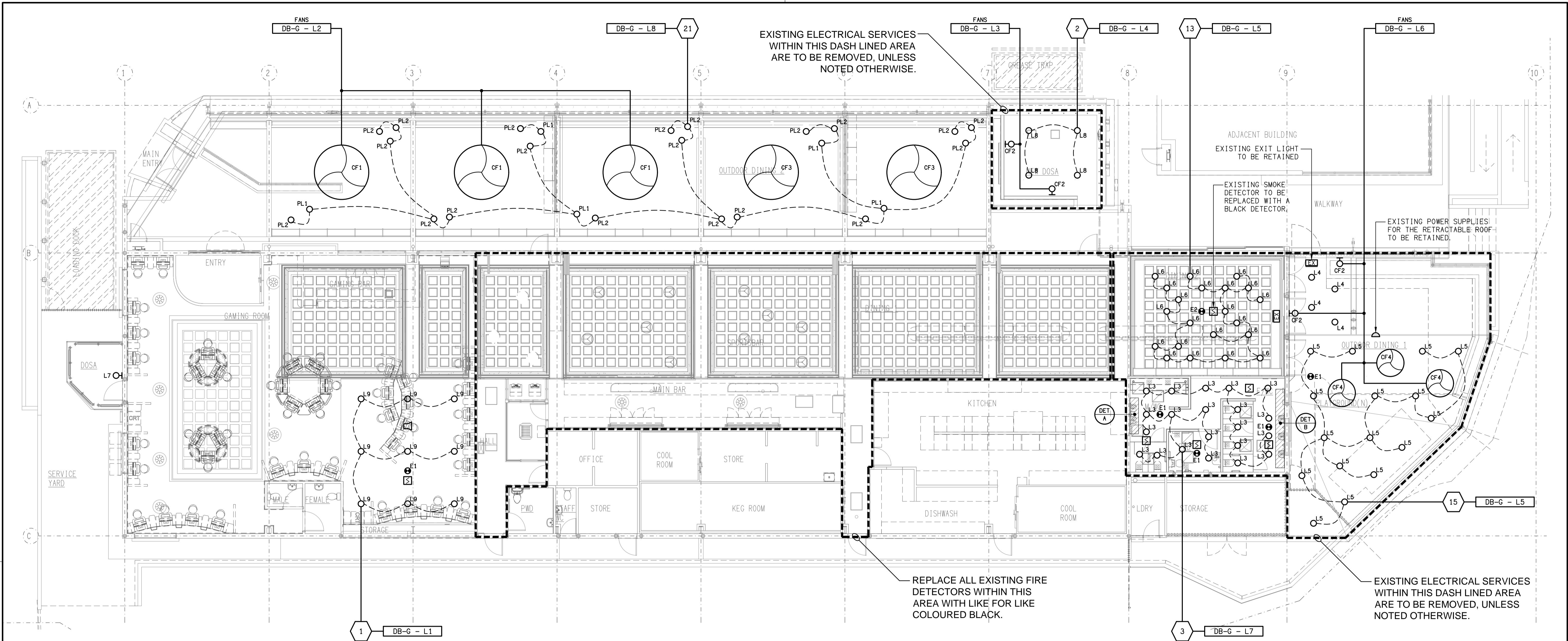
- UPGRADE / MODIFY THE FIRE INDICATOR PANEL INCORPORATING AN FDCIE AND EWGIE AS NECESSARY.
- HORNS AND SPEAKERS.
- SMOKE DETECTORS.
- THERMAL DETECTORS.
- CONCEALED SPACE DETECTORS.
- CONCEALED SPACE DETECTOR ACCESS.
- UPDATED WALL MOUNTED ENGRAVED ZONE PLAN ADJACENT THE FIP.
- CABLING.
- CABLE ACCESS WAYS.
- TESTING AND COMMISSIONING.

11. ABBREVIATIONS

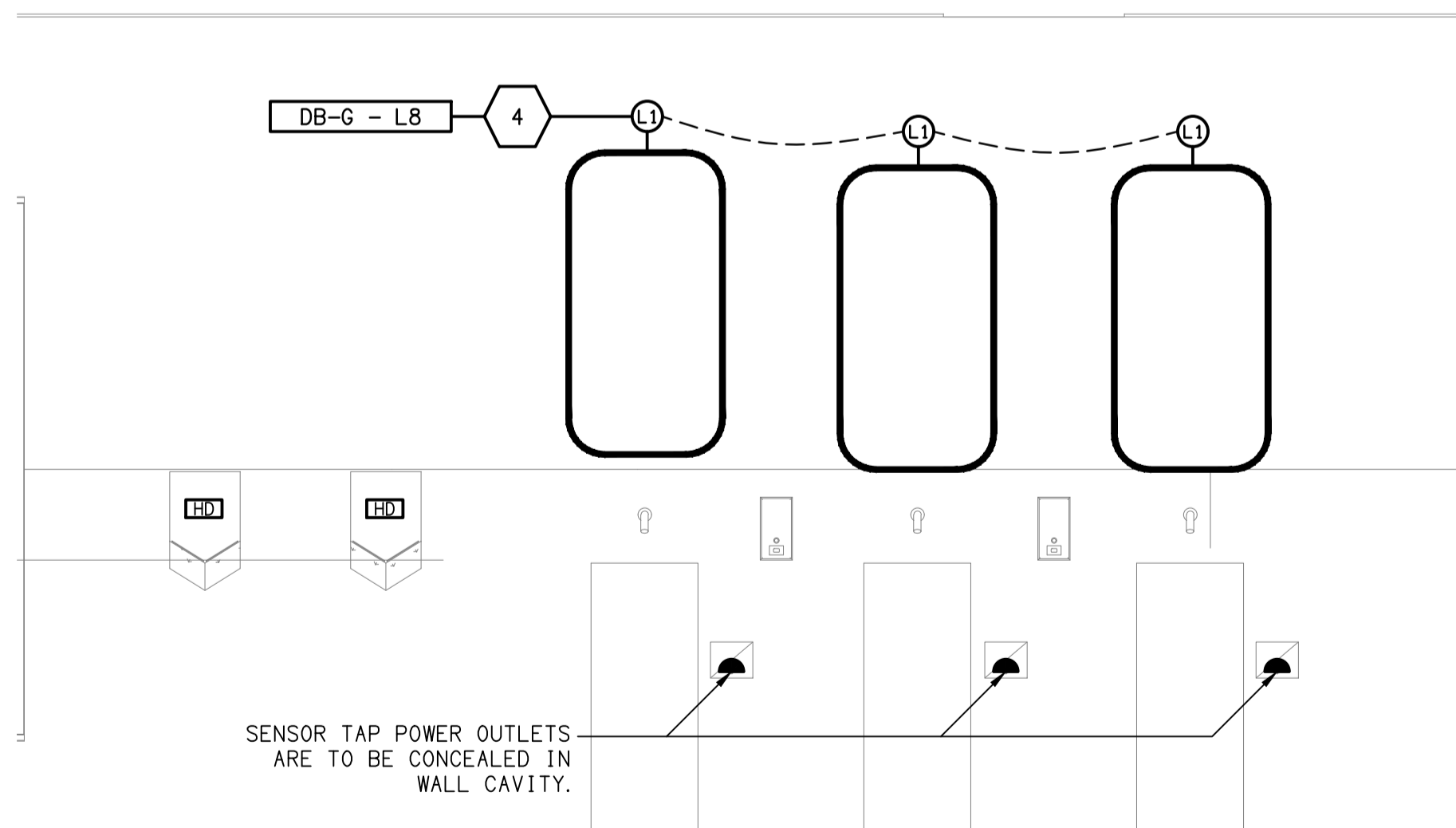
A - AMP CURRENT RATING
AB - MOUNT ABOVE BENCH.
AFFL - ABOVE FINISHED FLOOR LEVEL.
BB - MOUNT BELOW BENCH.
BH - MOUNT ON BULKHEAD.
CEIL - MOUNT ON CEILING.
CS - MOUNT WITHIN CEILING SPACE.
C/W - COMPLETE WITH.
MCB - MINIATURE CIRCUIT BREAKER.
MDB - MAIN DISTRIBUTION SWITCHBOARD.
MSSB - MECHANICAL SERVICES 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.
UNO - UNLESS NOTED OTHERWISE.
WP - WEATHERPROOF TO IP56 UNO.
500 - NUMBER DENOTES MOUNTING HEIGHT AFFL.

ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793		THE COPYRIGHT OF THIS DRAWING REMAINS THE PROPERTY OF THE ELECTRICAL DESIGN GROUP.		PROJECT: EDEN BREWHOUSE, REDBANK PLAINS		B TENDER 16/05/2025	
TRADING AS: ELECTRICAL DESIGN GROUP		USE FIGURED DIMENSIONS IN PREFERENCE TO SCALE.		DRAWING: ELECTRICAL SERVICES NOTES		REV: DESCRIPTION: DATE:	
ALL DIMENSIONS TO BE VERIFIED ONSITE.		ELECTRICAL BUILDING SERVICES CONSULTANTS BRISBANE GOLD COAST		381 REDBANK PLAINS ROAD, REDBANK PLAINS		SCALE: NOT TO SCALE AT A1	
P.O.Box 15, Sherwood Q.4075 Phone: (07) 3278 4375 Email: brisbane@edg.net.au Web: www.edg.net.au		PROJECT NO: C3413a		DRAWING NO: E02		REVISION: B	





DETAIL A
MALE WASH BASIN ELEVATION
SCALE 1: 20



DETAIL B
FEMALE WASH BASIN ELEVATION
SCALE 1: 20