



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

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**C2864a - DRY DOCK ROAD HOTEL, TWEED HEADS SOUTH**  
**ELECTRICAL SERVICES CONTRACT DOCUMENT SCHEDULE**  
**REVISION F - 28 NOVEMBER 2025**

**C2864a-0001(F).xls**

ISSUING INFORMATION				DATE OF ISSUE								
	DAY	MONTH	YEAR	08	31	09	01	22	28			
				03	05	12	08	08	11			
				24	24	24	25	25	25			
				P	P	P	T	T	C			
REASON FOR ISSUE												
A = APPROVAL		C = CONSTRUCTION		N = COORDINATION		P = PRELIMINARY			T = TENDER			

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P = PRINT				T = TRACING				D = DISC			
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DOCUMENTS		REVISION									
C2864a-E01.dwg	LEGEND	A	B	C	D	E	F				
C2864a-E02.dwg	SITE PLAN	A		B	C						
C2864a-E03.dwg	CARPARK PLAN	A		B	C	D					
C2864a-E04.dwg	HOTEL FLOOR PLAN	A	B	C	D		E				
C2864a-E05.dwg	HOTEL FLOOR PLAN DETAILS	A	B	C	D						
C2864a-E06.dwg	HOTEL REFLECTED CEILING PLAN	A	B	C	D						
C2864a-E07.dwg	HOTEL JOINERY LIGHTING PLAN	A	B	C	D		E				
C2864a-E08.dwg	BOTTLE SHOP FLOOR PLAN	A	B	C	D						
C2864a-E09.dwg	BOTTLE SHOP REFLECTED CEILING PLAN	A	B	C	D	E					
C2864a-E10.dwg	ROOF PLANS	A		B	C						
C2864a-E11.dwg	SCHEMATICS & DETAILS	A	B	C	D						
C2864a-E12.dwg	NOTES			A	B						
C2864a-E13.dwg	HOTEL HEATER & FAN PLAN				A						
C2864a-0001.xls	CONTRACT DOCUMENT SCHEDULE	A	B	C	D	E	F				
C2864a-0002.xls	EQUIPMENT SCHEDULE		A		B	C	D				
C2864a-0004.xls	LIGHTING CONTROL SCHEDULE				A		B				
C2864a-0005.xls	ABBREVIATIONS SCHEDULE				A						
C2864a-0006.xls	DISTRIBUTION BOARD DB-1 SCHEDULE				A		B				
C2864a-0007.xls	DISTRIBUTION BOARD DB-2 SCHEDULE				A						
C2864a-0008.xls	DISTRIBUTION BOARD DB-B SCHEDULE				A						
C2864a-0001.zip	FITTING & OUTLET DATASHEETS		A		B						



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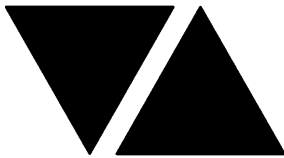
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## ELECTRICAL EQUIPMENT SCHEDULE

REVISION D - 28 NOVEMBER 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](http://www.edg.net.au/Links/Lighting.htm)

TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
L1	30W COOL WHITE LED	9m HIGH POLE C/W ENGINEER CERTIFIED FOOTING AND A CAR PARK LIGHT 15 DEG TILT	BLACK FITTING & POLE	SAL COMMERCIAL OCS3040NA75	C
L2	30W COOL WHITE LED	7.8m HIGH POLE C/W A CAR PARK LIGHT MOUNTED ON A ENGINEER CERTIFIED 1200 HIGH 600 DIA REINFORCED CONCRETE BOLLARD / FOOTING. FITTING MOUNTED AT 9m. 15 DEG TILT	BLACK FITTING & POLE	SAL COMMERCIAL OCS3040NA75	C
L3	36W LED 4000K	SURFACE MOUNTED IP66 1200 LONG BATTEN C/W INTEGRAL DRIVER AND OCCUPANCY SENSOR	LIGHT GREY	GAMMA STORM 1558-CCT-36+SENSOR	A
L4	36W LED 4000K	SURFACE MOUNTED IP66 1200 LONG BATTEN C/W INTEGRAL DRIVER	LIGHT GREY	GAMMA STORM 1558-CCT-36	A
L5	36W LED 4000K	SURFACE MOUNTED IP66 1200 LONG BATTEN C/W INTEGRAL DRIVER AND AN UNSWITCHED AS2293 NON MAINTAINED EMERGENCY PACK CONFIGURED TO ONLY OPERATE UPON MAINS FAILURE	LIGHT GREY	GAMMA STORM 1558-CCT-36	A
L6	100W 4000K LED	HIGH BAY C/W INTEGRAL DRIVER CHAIN SUSPENDED	BLACK	GAMMA ILLUMINATION ORBIT 2 881538	A
L7	90W COOL WHITE LED	9m HIGH POLE C/W ENGINEER CERTIFIED FOOTING AND A CAR PARK LIGHT 15 DEG TILT	BLACK FITTING & POLE	SAL COMMERCIAL OCS9040NA45	C
L8	90W COOL WHITE LED	7.8m HIGH POLE C/W A CAR PARK LIGHT MOUNTED ON A ENGINEER CERTIFIED 1200 HIGH 600 DIA REINFORCED CONCRETE BOLLARD / FOOTING. FITTING MOUNTED AT 9m. 15 DEG TILT	BLACK FITTING & POLE	SAL COMMERCIAL OCS9040NA45	C
L9	90W 5000K LED	SUSPENDED IP 65 VEHICLE ENTRY LIGHT C/W INTEGRAL DIMMABLE DRIVER AND ILLUMINATION LEVEL SENSOR. PROVIDE EACH VEHICLE ENTRY INSTALLATION WITH AN enLIGHTEN CECS CONTROLLER.	BLACK	EQUAL TO enLIGHTEN TAURO BLACK TB90D-57-S1-CECS	B
L10	50W LED	ADJUSTABLE FLOOD LIGHT C/W INTEGRAL DRIVER MOUNTED ON THE BUILDING AS INDICATED.	BLACK	SAL COMMERCIAL FCB5050NAS1	C
L11	13W 4000K LED	RECESSED DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION COBALT 1402-4K-13W	B



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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
L12	22W 4000K LED	RECESSED DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION COBALT 1441-4K-22W	B
L13	34W 4000K LED	1200 x 300 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER MOUNTED IN A FLUSH RECESSED PB MOUNTING KIT	WHITE TRIM	GAMMA ILLUMINATION AXIS 1549-4K-34W C/W FLUSH RECESS PB KIT	A
L14	26W 4000K	600 x 600 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER MOUNTED IN A FLUSH RECESSED PB MOUNTING KIT	WHITE TRIM	GAMMA ILLUMINATION AXIS 1548-4K-26W C/W FLUSH RECESS PB KIT	A
L15	100W 3000K LED	1200 DIA DECORATIVE PENDANT C/W INTEGRAL LED CHIP SET AND REMOTE DALI DIMMABLE DRIVER. PROVIDE THE FITTING WITH A HANG SURE SUSPENSION KIT	BLACK	ALLOW A PC SUM OF \$4000.00 FOR EACH L15 FITTING	A
L16	100W 3000K LED	800 DIA DECORATIVE PENDANT C/W INTEGRAL LED CHIP SET AND REMOTE DALI DIMMABLE DRIVER. PROVIDE THE FITTING WITH A HANG SURE SUSPENSION KIT	BLACK	ALLOW A PC SUM OF \$3500.00 FOR EACH L16 FITTING	A
L17	22W 4000K LED	RECESSED DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION COBALT 1441-4K-22W	A
L18	22W 4000K LED	RECESSED DOWNLIGHT C/W REMOTE DRIVER	BLACK	GAMMA ILLUMINATION COBALT 1441-4K-22W	A
L19	40W 3000K LED	DECORATIVE PENDANT C/W INTEGRAL LED CHIP SET AND REMOTE DALI DIMMABLE DRIVER. PROVIDE THE FITTING WITH A HANG SURE SUSPENSION KIT	COPPER	ALLOW A PC SUM OF \$1000.00 FOR EACH L19 FITTING	A
L20	3000K LED	AMENITY RECESSED DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	WHITE	GAMMA ILLUMINATION MYLO 1004-3K-13W	A
L21	3W 3000K LED	RECESSED DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER IT IS ACCEPTABLE TO SUPPLY MULTIPLE FITTINGS FROM A SUITABLE SIZED SINGLE DRIVER	SILVER	GAMMA ILLUMINATION 1108	A
L22	0.5w 2200K FANCY ROUND CLEAR	SUSPENDED 24V AV FESTOON LAMP SYSTEM C/W REMOTE TRANSFORMERS AS REQUIRED 500MM LAMP SPACING PROVIDE A STAINLESS STEEL WIRE SUPPORT SYSTEM	BLACK CABLE & BASES	FIRE FLY FC1-50-BL	B
L23	3000K 5W LED	GARDEN SPIKE LIGHT. IP65, PROVIDE THE L23 FITTINGS WITH A COMMON DALI DIMMABLE POWER SUPPLY LOCATED IN A CONCEALED ACCESSIBLE POSITION.	BLACK	GAMMA ILLUMINATION 885102	A



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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
L24	3.9W 3000K LED	FLUSH RECESSED WALL LIGHT CENTRED 300 AFFL. PROVIDE THE L24 FITTINGS WITH A COMMON DALI DIMMABLE POWER SUPPLY IN A CONCEALED ACCESSIBLE POSITION.	BLACK	GAMMA ILLUMINATION DUEX 4130-3K-24V	A
L25	50W 3000K LED	600 DIA DECORATIVE SURFACE MOUNT BUNKER C/W INTEGRAL LED CHIP SET AND REMOTE DALI DIMMABLE DRIVER.	BLACK	ALLOW A PC SUM OF \$2500.00 FOR EACH L25 FITTING	A
L26	2 X 90W COOL WHITE LED	9m HIGH POLE C/W ENGINEER CERTIFIED FOOTING AND A CAR PARK LIGHT 15 DEG TILT	BLACK FITTING & POLE	2 X SAL COMMERCIAL OCS9040NA45	C
L27	2 X 30W COOL WHITE LED	9m HIGH POLE C/W ENGINEER CERTIFIED FOOTING AND A CAR PARK LIGHT 15 DEG TILT	BLACK FITTING & POLE	2 X SAL COMMERCIAL OCS3040NA75	C
L28	2 X 90W COOL WHITE LED	7.8m HIGH POLE C/W A CAR PARK LIGHT MOUNTED ON A ENGINEER CERTIFIED 1200 HIGH 600 DIA REINFORCED CONCRETE BOLLARD / FOOTING. FITTING MOUNTED AT 9m. 15 DEG TILT	BLACK FITTING & POLE	2 X SAL COMMERCIAL OCS9040NA45	C
L29	2 X 30W COOL WHITE LED	7.8m HIGH POLE C/W A CAR PARK LIGHT MOUNTED ON A ENGINEER CERTIFIED 1200 HIGH 600 DIA REINFORCED CONCRETE BOLLARD / FOOTING. FITTING MOUNTED AT 9m. 15 DEG TILT	BLACK FITTING & POLE	2 X SAL COMMERCIAL OCS3040NA75	C
L30	100W COOL WHITE LED	ADJUSTABLE FLOOD LIGHT C/W INTEGRAL DRIVER MOUNTED ON THE BUILDING AS INDICATED.	BLACK	SAL COMMERCIAL FCB10050NAS1	C
L31	2.4W 2700K LED	FLOOR MOUNTED UNDERWATER UP LIGHT C/W 31 DEG BEAM AND A REMOTE DALI DIMMABLE DRIVER. IT IS ACCEPTABLE TO SUPPLY MULTIPLE L31 FITTINGS FROM A SINGLE SUITABLY SIZED DRIVER. LOCATE THE DRIVER IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DRAWINGS.	STAINLESS STEEL	EQUAL TO MODULAR PARTNERS LIGHT GRAPHIX LD242A-700LW27-MB-DALI	D
BOTTLE SHOP CABLE TRAY		PROVIDE A BLACK PERFORATED CABLE TRAY SYSTEM SIZED AS PER THE DRAWING. PROVIDE SECURITY AND COMMUNICATIONS CABLING CHANNELS AS PER THE CABLE TRAY SECTIONS. MOUNT THE TRACK, EMERGENCY LIGHTING AND COMMUNICATIONS OUTLETS ON THE UNDERSIDE OF THE CABLE TRAY. ALL COMPONENTS FIXED TO THE CABLE TRAY ARE TO BE BLACK.			B
BOTTLE SHOP CABLE TRAY TRACK LIGHTING		3 CHANNEL TRACK MOUNTED ON THE UNDERSIDE OF THE CABLE TRAY CIRCUIT EACH CHANNEL AS PER THE DRAWING PROVIDE A FITTING FOR EACH 750MM OF TRACK. DISTRIBUTE THE FITTINGS EVENLY ACROSS THE THREE CHANNELS CONFIRM THE FITTING POSITIONS AND AIMING ON SITE WITH THE ARCHITECT	BLACK TRACK BLACK FITTINGS	GAMMA ILLUMINATION 25 SERIES TRACK 1115-VWFL-3K-14W FITTINGS	B





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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
S1	12W/M 3000K LED	FLEXIBLE LED ROPE FLEX SCREW FIXED IN PLACE ABOVE THE BAR / DINING ROOM WALL PELMET AS PER THE ARCHITECTURAL DETAIL PROVIDE A REMOTE 240-24V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT	WHITE	NPA L-NF-GLOW-WW + POWER SUPPLY & DALI CONTROLLER	A
S2	12W/M 3000K LED	FLEXIBLE LED ROPE FLEX SCREW FIXED IN PLACE ABOVE THE GAMING ROOM CEILING PELMET AS PER THE ARCHITECTURAL DETAIL PROVIDE A REMOTE 240-24V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT	WHITE	NPA L-NF-GLOW-WW + POWER SUPPLY & DALI CONTROLLER	A
S3	12W/M 3000K LED	FLEXIBLE LED ROPE FLEX SCREW FIXED IN PLACE ABOVE THE TAB ROOM CEILING PELMET AS PER THE ARCHITECTURAL DETAIL PROVIDE A REMOTE 240-24V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT	WHITE	NPA L-NF-GLOW-WW + POWER SUPPLY & DALI CONTROLLER	A
S4	12W/M 3000K LED	FLEXIBLE LED ROPE FLEX SCREW FIXED IN PLACE ABOVE THE ENTRY CEILING PELMET AS PER THE ARCHITECTURAL DETAIL PROVIDE A REMOTE 240-24V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT	WHITE	NPA L-NF-GLOW-WW + POWER SUPPLY & DALI CONTROLLER	A
S5	12W/M 3000K LED	FLEXIBLE LED ROPE FLEX SCREW FIXED IN PLACE WITHIN THE ENTRY PORTAL AS PER THE ARCHITECTURAL DETAIL THE S5 IS TO RISE VERTICALLY FROM THE GROUND TO THE HEAD OF THE PORTAL ACROSS THE PORTAL THEN DOWN TO THE GROUND. PROVIDE A REMOTE 240-24V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT	WHITE	NPA L-NF-GLOW-WW + POWER SUPPLY & DALI CONTROLLER	A
S6	12W/M 3000K LED	FLEXIBLE LED ROPE FLEX SCREW FIXED IN PLACE WITHIN THE GAMING PORTAL AS PER THE ARCHITECTURAL DETAIL THE S6 IS TO RISE VERTICALLY FROM THE GROUND TO THE HEAD OF THE PORTAL ACROSS THE PORTAL THEN DOWN TO THE GROUND. PROVIDE A REMOTE 240-24V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT	WHITE	NPA L-NF-GLOW-WW + POWER SUPPLY & DALI CONTROLLER	A
S7	12W/M 3000K LED	FLEXIBLE LED ROPE FLEX SCREW FIXED IN PLACE UNDER THE SEAT AS PER THE ARCHITECTURAL DETAIL PROVIDE A REMOTE 240-24V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT	WHITE	NPA L-NF-GLOW-WW + POWER SUPPLY & DALI CONTROLLER	A
S8	12W/M 3000K LED	FLEXIBLE LED ROPE FLEX SCREW FIXED IN PLACE UNDER THE BAR COUNTER PELMET AS PER THE ARCHITECTURAL DETAIL PROVIDE A REMOTE 240-24V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT	WHITE	NPA L-NF-GLOW-WW + POWER SUPPLY & DALI CONTROLLER	A
S9	12W/M 3000K LED	FLEXIBLE LED ROPE FLEX SCREW FIXED IN PLACE UNDER THE EXTERNAL SEAT / STAIR AS PER THE ARCHITECTURAL DETAIL PROVIDE A REMOTE 240-24V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT	WHITE	NPA L-NF-GLOW-WW + POWER SUPPLY & DALI CONTROLLER	A



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S10	A SINGLE HORIZONTAL RUN OF LED STRIP LIGHT 4000K WHITE LEDS AT 12MM SPACING WITH REMOTE CONTROL GEAR. MOUNT THE LED STRIP UNDER THE OVERHEAD CUPBOARDS HARD AGAINST THE SPLASHBACK AS PER THE ARCHITECTURAL JOINERY DETAILS THE SUPPLIER IS TO CUT / JOIN THE LED STRIPS TO SUIT THE SITE DIMENSIONS. DO NOT CUT THE LED STRIPS ON SITE SCREW FIX THE ALUMINIUM SUPPORT IN PLACE. SUPPLY / SWITCH THE S10 WITH EH ASSOCIATED ROOMS CEILING LIGHTING.			NEON PRODUCTS AUSTRALIA LF-DFB-NW-300-12 + PR-LIN172153-F	A
S11	12W/M 3000K LED	FLEXIBLE LED ROPE FLEX SCREW FIXED IN PLACE ABOVE THE GAMING ROOM CEILING PELMET AS PER THE ARCHITECTURAL DETAIL PROVIDE A REMOTE 240-24V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT	WHITE	NPA L-NF-GLOW-WWW + POWER SUPPLY & DALI CONTROLLER	B
DECK HEATER (H1)		CEILING MOUNTED 2300w AREA HEATER. CONFIRM THE SUSPENSION HEIGHT ON SITE WITH THE ARCHITECT. PROVIDE EACH HEATER WITH A DEDICATED WIRED WALL MOUNTED ON / OFF / OUTPUT CONTROLLER	BLACK HEATER AND MOUNTING	EQUAL TO BROMIC 2620251 + WIRED CONTROLLER	B
DECK HEATER CONTROLLER (HC)		DEDICATED WIRED 1000AFFL WALL MOUNTED ON / OFF / OUTPUT CONTROLLER FOR EACH HEATER PROVIDE WRITTEN CONFIRMATION FROM THE HEATER MANUFACTURER THE CONTROLLER IS COMPATIBLE WITH THE HEATER.			B
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
E3	NOT USED				B
E4	LED	EMERGENCY LIGHT: SURFACE MOUNTED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D63 - C90-D63.	BLACK	CLEVERTRONICS CLIFE-PRO- SM-BLK	A
E5	LED	EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D63 - C90-D63.	BLACK	CLEVERTRONICS CLIFE-PRO- BLK	A
E6	LED	WHITE EXIT LIGHT: MAINTAINED 24M VIEWING DISTANCE EXIT LIGHT C/W DIFFUSERS & DIRECTIONAL ARROWS AS SHOWN. CEILING 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	WHITE	CLEVERTRONICS LUB PRO SM	A



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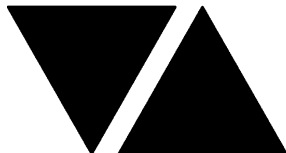
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EX	LED	BLACK EXIT LIGHT: MAINTAINED 24M VIEWING DISTANCE EXIT LIGHT C/W DIFFUSERS & DIRECTIONAL ARROWS AS SHOWN. CEILING SURFACE MOUNT OR WALL MOUNT BETWEEN 2100mm & 2700mm AFFL IF THERE IS NO VERTICAL SURFACE TO MOUNT THE FITTING ON WITHIN THIS RANGE CONFIRM THE MOUNTING HEIGHT WITH THE ENGINEER.	BLACK	CLEVERTRONICS LUB PRO SM	A
EMERGENCY PACK		LIGHT FITTINGS THAT ARE DESIGNATED AS BEING PROVIDED WITH AN EMERGENCY PACK ARE TO BE PROVIDED WITH AN INTEGRAL AS2293 EMERGENCY PACK. THE FITTINGS ARE TO BE NON MAINTAINED WITH ALL LAMPS SWITCHED AS PER THE LIGHTING CONTROL FOR THAT SPACE UNLESS NOTED OTHERWISE. REFER TO THE SPECIFICATION FOR FURTHER DETAILS OF THE CONFIGURATION AND SWITCHING OF EMERGENCY LIGHTS.			A
CHANNEL x		CONTROL CHANNEL WITH A NUMERICAL REFERENCE. REFER TO THE POWER AND LIGHTING CONTROL SCHEMATIC / SCHEDULE			B
CEILING FAN 1 (F1)		2400 DIA CEILING FAN C/W CUSTOM 250 X 250 TIMBER MOUNTING BLOCK TO ALLOW THE FAN TO BE MOUNTED HORIZONTALLY. CONFIRM THE SUSPENSION HEIGHT OF THE FANS WITH THE ARCHITECT ON SITE. PROVIDE EACH FAN WITH A DEDICATED WIRED WALL MOUNTED ON / OFF / SPEED CONTROLLER	BLACK	EQUAL TO BIG ASS 161-08 C/W WIRED CONTROLLER	B
CEILING FAN 2 (F2)		1500 DIA CEILING FAN C/W CUSTOM 250 X 250 TIMBER MOUNTING BLOCK TO ALLOW THE FAN TO BE MOUNTED HORIZONTALLY. CONFIRM THE SUSPENSION HEIGHT OF THE FANS WITH THE ARCHITECT ON SITE. PROVIDE EACH FAN WITH A DEDICATED WIRED WALL MOUNTED ON / OFF / SPEED CONTROLLER	BLACK	EQUAL TO 1500 DIA CALIBO ALULA C/W WIRED CONTROLLER	B
CEILING FAN CONTROLLER (FC)		DEDICATED WIRED 1000AFFL WALL MOUNTED ON / OFF / SPEED CONTROLLER FOR EACH CEILING FAN PROVIDE WRITTEN CONFIRMATION FROM THE FAN MANUFACTURER THE CONTROLLER IS COMPATIBLE WITH THE FAN.			B
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
TWO-WAY LIGHT SWITCH		TWO -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



# ELECTRICAL DESIGN GROUP

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**C2864a - DRY DOCK ROAD HOTEL, TWEED HEADS SOUTH**

**C2864a-0002(D).xls**

## ELECTRICAL EQUIPMENT SCHEDULE

**REVISION D - 28 NOVEMBER 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](http://www.edg.net.au/Links/Lighting.htm)**

TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
BOTTLE SHOP LIGHTING CONTROL SWITCH PANEL (SPB)		MULTI GANG SWITCH PANEL AS PER THE SP-B DETAIL MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	STAINLESS STEEL	CLIPSAL B SERIES	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
SINGLE POWER OUTLET AUTO DOOR (AD)		SINGLE POWER OUTLET C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNT THE OUTLETS WITH IN THE AUTO DOOR MULLION SUCH THAT THE FLEX IS NOT VISIBLE	WHITE	CLIPSAL C2000 SERIES	A
AUTO DOOR PUSH BUTTON (PB)		BLANK FACEPLATE C/W RECESSED DEEP WALL BOX AND A CONCEALED 32 DIA CONDUIT FROM THE WALL BOX TO THE AUTO DOOR MOTOR / CONTROLLER MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES FACEPLATE	A
SINGLE POWER OUTLET SUSPENDE (SUS)		SINGLE 10A POWER OUTLET SUSPENDE TO 1600 AFFL UNLESS NOTED OTHERWISE VIA A 3MM STAINLESS STEEL WIRE ROPE.	WHITE	CLIPSAL "56 SERIES" 56SPO310-RW	A
SINGLE 15A POWER OUTLET SUSPENDE (SUS)		SINGLE 15A POWER OUTLET SUSPENDE TO 1600 AFFL UNLESS NOTED OTHERWISE VIA A 3MM STAINLESS STEEL WIRE ROPE.	WHITE	CLIPSAL "56 SERIES" 56SPO315	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
IP56 SINGLE POWER OUTLET		SINGLE POWER OUTLET IP56 MOUNT AT 300mm AFFL U.N.O. RATING 10A U.N.O.	GREY	CLIPSAL 56 SERIES	A
DOUBLE POWER OUTLET (USB)		DOUBLE POWER OUTLET C/W USB CHARGER AND CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNT ABOVE BENCH U.N.O. RATING 10A U.N.O.	WHITE UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES + 30USBCM MECH	A
IP56 DOUBLE POWER OUTLET		DOUBLE POWER OUTLET IP56 MOUNT AT 300mm AFFL U.N.O. RATING 10A U.N.O.	GREY	CLIPSAL 56 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.	GREY	CLIPSAL WSC227/1-RG	A



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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
15A WEATHERPROOF POWER OUTLET (WP 15A)		IP54 WEATHERPROOF 20A SINGLE POWER OUTLET. MOUNT AT MINIMUM 1100mm AFFL U.N.O. RATING 20A U.N.O.	GREY	CLIPSAL WSC227/1/15-RG	A
20A WEATHERPROOF POWER OUTLET (WP 20A)		IP66 WEATHERPROOF 20A SINGLE POWER OUTLET. MOUNT AT MINIMUM 1100mm AFFL U.N.O. RATING 20A U.N.O.	GREY	CLIPSAL 56 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
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
THREE-PHASE ISOLATOR RSD		THREE-PHASE ISOLATOR. MOUNT AT HIGH LEVEL ADJACENT THE ROLLER SHUTTER DOOR CONTROLLER / MOTOR. COORDINATE THE POSITION ON SITE WITH THE ROLLER SHUTTER DOOR SUPPLIER CONNECT TO EQUIPMENT VIA FLEXIBLE CONDUIT.	-	CLIPSAL WHT35	A
DOUBLE POWER OUTLET FLOOR MOUNTED (FLOOR)		SURFACE MOUNTED FLOOR BOX C/W A WHITE DOUBLE GPO POWER POINT SOCKET AND A BLANK FACEPLATE ON THE OTHER SIDE.	STAINLESS STEEL FLOOR BOX WHITE OUTLETS	ELECTRIC CABLE DUCT SYSTEMS AFB20 - 4C-SKU040.000.0117 AND CLIPSAL C2000 OUTLET	C
SIGN CONNECTION		COORDINATE THE LOCATION AND CONNECTION WITH THE SIGN CONTRACTOR ENSURING THE GPO / ISOLATORS ARE PROVIDED WITH APPROPRIATE WEATHER PROTECTION AND ARE CONCEALED FROM VIEW.			A
TIMBER POLE		PROVIDE A DECORATIVE 150 DIA 4000 HIGH TIMBER POLE C/W A CONCRETE FOOTING AND GALVANIZED MOUNTING BRACKET SUCH THAT THE TIMBER IS ABOVE THE GROUND. CONFIRM THE TIMBER TYPE AND FINISH WITH THE ARCHITECT			C
INTERCOM CALL STATION (ICS)		PROVIDE AN IP66 WALL MOUNTED FLUSH RECESSED INTERCOM CALL STATION TO CALL THE INTERCOM HANDSET. SUBMIT DETAILS OF THE INTERCOM SYSTEM FOR APPROVAL			C
INTERCOM HANDSET (IHS)		WALL MOUNTED INTERCOM HANDSET TO ANSWER THE CALL STATION. PROVIDE ALL NECESSARY POWER SUPPLIES LOCATED IN AN ACCESSIBLE CONCEALED POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.			C
SECURITY EQUIPMENT		SECURITY EQUIPMENT BY THE SECURITY CONTRACTOR.			C



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ELECTRICAL EQUIPMENT SCHEDULE					
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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
DB-1		DISTRIBUTION BOARD DB-1 AS PER THE DB-1 SCHEDULE, POWER SCHEMATICS AND THE SPECIFICATION. PROVIDE A SHOP DRAWING OF DB-1 FOR APPROVAL.			A
DB-2		DISTRIBUTION BOARD DB-2 AS PER THE DB-2 SCHEDULE, POWER SCHEMATICS AND THE SPECIFICATION. PROVIDE A SHOP DRAWING OF DB-2 FOR APPROVAL.			A
DB-B		DISTRIBUTION BOARD DB-B AS PER THE DB-B SCHEDULE, POWER SCHEMATICS AND THE SPECIFICATION. PROVIDE A SHOP DRAWING OF DB-B FOR APPROVAL.			A
MSB		MAIN SWITCHBOARD AS PER THE POWER SCHEMATIC AND THE SPECIFICATION. PROVIDE A SHOP DRAWING OF THE MAIN SWITCHBOARD FOR APPROVAL.			A
MSSB-H		HOTEL MECHANICAL SERVICES SWITCHBOARD PROVIDED BY THE MECHANICAL SUB CONTRACTOR. COORDINATE THE SUBMAIN CONNECTION WITH THE MECHANICAL SUB CONTRACTOR ON SITE.			A
MSSB-B		BOTTLE SHOP MECHANICAL SERVICES SWITCHBOARD PROVIDED BY THE MECHANICAL SUB CONTRACTOR. COORDINATE THE SUBMAIN CONNECTION WITH THE MECHANICAL SUB CONTRACTOR ON SITE.			B
DB-HR		HOTEL REFRIGERATION SERVICES SWITCHBOARD PROVIDED BY THE REFRIGERATION SUB CONTRACTOR. COORDINATE THE SUBMAIN CONNECTION WITH THE REFRIGERATION SUB CONTRACTOR ON SITE.			B
DB-BR		BOTTLE SHOP REFRIGERATION SERVICES SWITCHBOARD PROVIDED BY THE MECHANICAL SUB CONTRACTOR. COORDINATE THE SUBMAIN CONNECTION WITH THE MECHANICAL SUB CONTRACTOR ON SITE.			A
DB-E1 -E9		EV CHARGER DISTRIBUTION BOARD DB-E AS PER THE SPECIFICATION . PROVIDE A SHOP DRAWING OF DB-E1 TO DB-E9 FOR APPROVAL.			B
GENERATOR CONNECTION CUBICLE (GCC)		PROVIDE THE GENERATOR CONNECTION CUBICAL AS A LOCKABLE EXTERNAL GRADE STAINLESS STEEL HOUSING WALL MOUNTED AT LOW LEVEL. PROVIDE THE CUBICAL WITH PRE DRILLED LINKS TO ALLOW TEMPORARY GENERATOR MAIN TO BE CONNECTED. CONNECT THE PERMANENT GENERATOR MAINS TO THE LINKS. PROVIDE THE CUBICAL WITH FACILITY SO THE DOOR CAN BE CLOSED WITH THE TEMPORARY MAINS CONNECTED. SUBMIT A SHOP DRAWING OF THE CUBICAL FOR APPROVAL.			A
REVENUE METER (M1)		CODE COMPLIANT RETAIL METER INCLUDING ALL ASSOCIATED COMPONENTS INCLUDING THE METERS AND CTS ETC.			B
PRIVATE METER (M2)		PROVIDE A MULTIFUNCTION METER THAT LOGS THE FOLLOWING ACROSS EACH PHASE, DEMANDS , VOLTAGES, POWER FACTORS, AND HARMONICS.			A
MANUAL TRANSFER SWITCH (MTS)		MANUAL ELECTRICAL AND MECHANICAL INTERLOCKED LOAD TRANSFER SWITCH.			A
HOTEL PV INVERTER (INV-H)		5KW IP 66 1 PHASE PV INVERTER C/W 5 YEAR REPLACEMENT WARRANTY CONNECTED TO THE PV PANELS. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS. PROVIDE DETAILS OF THE PV SYSTEM AND DESIGN FOR APPROVAL.			C
HOTEL PV PANELS		6W OF PV PANELS C/W GALVANIZED MOUNTING BRACKET. PROVIDE PV PANELS WITH A 10 YEAR PRODUCT WARRANTY AND A 25 YEAR PANEL PERFORMANCE WARRANTY . REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS.			C



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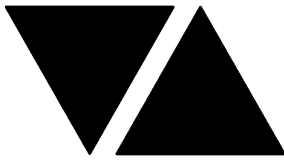
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C2864a - DRY DOCK ROAD HOTEL, TWEED HEADS SOUTH					C2864a-0002(D).xls
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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
BOTTLE SHOP PV INVERTER (INV-B)		5KW IP 66 1 PHASE PV INVERTER C/W 5 YEAR REPLACEMENT WARRANTY CONNECTED TO THE PV PANELS. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS. PROVIDE DETAILS OF THE PV SYSTEM AND DESIGN FOR APPROVAL.			C
BOTTLE SHOP PV PANELS		6W OF PV PANELS C/W GALVANIZED MOUNTING BRACKET. PROVIDE PV PANELS WITH A 10 YEAR PRODUCT WARRANTY AND A 25 YEAR PANEL PERFORMANCE WARRANTY. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS.			C
COMMUNICATIONS RACK (H1)		HOTEL IT FREE STANDING 42 RU MINIMUM 800 DEEP 800 WIDE COMMUNICATIONS RACK CR-1 PROVIDE A SHOP DRAWING OF THE RACK INCLUDING THE ARRANGEMENT OF EQUIPMENT PROVIDED WITHIN IT AS PART OF THE CONTRACT FOR APPROVAL. PROVIDE THE RACK WITH THE REQUIRED CAT 6 PATCH PANELS, CABLE MANAGEMENT AS PER THE SPECIFICATION. PROVIDE THE RACK WITH CASTERS. REFER TO THE SPECIFICATION FOR ADDITIONAL REQUIREMENTS.		4 CABLING SKU 002.001.4280	A
COMMUNICATIONS RACK (H2)		HOTEL GAMING FREE STANDING 42 RU MINIMUM 600 DEEP 600 WIDE COMMUNICATIONS RACK CR-2 PROVIDE A SHOP DRAWING OF THE RACK INCLUDING THE ARRANGEMENT OF EQUIPMENT PROVIDED WITHIN IT AS PART OF THE CONTRACT FOR APPROVAL. PROVIDE THE RACK WITH THE REQUIRED CAT 6 PATCH PANELS, CABLE MANAGEMENT AS PER THE SPECIFICATION. PROVIDE THE RACK WITH CASTERS. REFER TO THE SPECIFICATION FOR ADDITIONAL REQUIREMENTS.		4 CABLING SKU 002.001.4280	A
COMMUNICATIONS RACK (H2)		HOTEL AV SECURITY FREE STANDING 42 RU MINIMUM 600 DEEP 600 WIDE RACK CR-3 PROVIDE A SHOP DRAWING OF THE RACK. PROVIDE THE RACK WITH CASTERS. REFER TO THE SPECIFICATION FOR ADDITIONAL REQUIREMENTS.		4 CABLING SKU 002.001.4280	A
COMMUNICATIONS RACK (H4)		HOTEL AV SECURITY FREE STANDING 42 RU MINIMUM 600 DEEP 600 WIDE RACK CR-4 PROVIDE A SHOP DRAWING OF THE RACK. PROVIDE THE RACK WITH CASTERS. REFER TO THE SPECIFICATION FOR ADDITIONAL REQUIREMENTS.		4 CABLING SKU 002.001.4280	A
COMMUNICATIONS RACK (CR-B)		BOTTLE SHOP COMMUNICATIONS AV SECURITY WALL MOUNTED HINGED 18 RU MINIMUM 600 DEEP 600 WIDE RACK CR-B PROVIDE A SHOP DRAWING OF THE RACK. REFER TO THE SPECIFICATION FOR ADDITIONAL REQUIREMENTS.		4 CABLING SKU 002.001.4280	A
COMMUNICATIONS OUTLET		RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO CAT 6 PATCH PANELS IN RACK CR-1 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
CAT 6 GAMING OUTLET		RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO CAT 6 DEDICATED GAMING PATCH PANELS IN RACK CR-2 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





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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
RECESS KIT (RK)		VERTICALLY ORIENTATED WALL BOX TO ALLOW THE OUTLET TO BE RECESSED WITHIN THE WALL CAVITY	WHITE	REPELEC RECWP1WH	B
GAMING FIBRE (GF)		INSTALL DUPLEX FIBRE OPTIC CABLE BETWEEN THE POKER MACHINE BASES AND FROM THE POKER MACHINE BASES BACK TO RACK CR-2 AS INDICATED. THE DUPLEX FIBRE OPTIC CABLE WILL BE SUPPLIED AND TERMINATED BY OTHERS.			A
NBN PREMISE CONNECTION DEVICE (PCD)		NBN COMPLIANT PREMISES CONNECTION DEVICE TO BE CONNECTED TO THE NTD VIA AN NBN COMPLIANT DROP CONDUIT. CONNECT THE PCD TO THE TELSTRA PIT VIA AN NBN COMPLIANT LEAD-IN CONDUIT.			A
NBN NETWORK TERMINATION UNIT (NTD)		NBN COMPLIANT NETWORK TERMINATION UNIT TO BE PROVIDED IN ACCORDANCE WITH THE NBN REQUIREMENTS			A
RISER		PROVIDE THE RISER AS A BLACK 2 CHANNEL 150 X 75 PER CHANNEL ALUMINIUM DUCT WITH A SCREW FIXED REMOVABLE LID WALL MOUNTED FROM THE FLOOR TO THE CEILING SPACE ABOVE. PROVIDE DETAILS OF THE PROPOSED RISER FOR APPROVAL			A
PIT P1		PROVIDE A REINFORCED MASONRY INSITU PIT / TRENCH BELOW MSB FOR THE FULL LENGTH OF THE MSB AS PER THE MSB SECTION DETAIL. PROVIDE AS PART OF THE ELECTRICAL WORKS THE SWITCHBOARD AND LID SUPPORT SYSTEM AND THE TRENCH LIDS. PROVIDE THE TRENCH LIDS AND STRUCTURAL SUPPORT SYSTEM AS HOT DIPPED GALVANISED STEEL. PROVIDE THE TRENCH LIDS WITH LIFTING HOLES CHECKER PLATE R10 ANTI SLIP PATTERNING WITH EACH PART NO HEAVIER THAN 20 kg. FIX THE LIDS IN PLACE SUCH THAT A TOOL IS REQUIRED TO REMOVE THEM. PROVIDE THE TRENCH WITH AN AUTOMATIC SUMP PUMP TO DRAIN TO THE STORMWATER SYSTEM. PROVIDE CABLE SUPPORTS WITHIN THE TRENCH TO ENSURE THAT THERE ARE NO CABLES WITHIN 50MM OF THE TRENCH FLOOR.			A
PIT P2		900 X 900 CLEAR INTERNAL X 1000 DEEP INSITU POWER PIT C/W A REINFORCED CONCRETE SURROUND AND A CLASS C STEEL LID WITH A SLIP RESISTANCE OF R10 SUBMIT DETAILS OF THE PIT, LID AND AN INSTALLATION SECTION FOR APPROVAL.			A
PIT P3		900 X 900 CLEAR INTERNAL X 1000 DEEP INSITU POWER PIT C/W A REINFORCED CONCRETE SURROUND AND A CLASS C STEEL LID WITH A SLIP RESISTANCE OF R10 SUBMIT DETAILS OF THE PIT, LID AND AN INSTALLATION SECTION FOR APPROVAL.			A
PIT P4		600 X 600 CLEAR INTERNAL X 700 DEEP INSITU POWER PIT C/W A REINFORCED CONCRETE SURROUND AND A CLASS C STEEL LID WITH A SLIP RESISTANCE OF R10 SUBMIT DETAILS OF THE PIT, LID AND AN INSTALLATION SECTION FOR APPROVAL.			A
PIT C1		600 X 600 CLEAR INTERNAL X 700 DEEP PLASTIC POWER PIT C/W A REINFORCED CONCRETE SURROUND AND A CLASS C STEEL LID WITH A SLIP RESISTANCE OF R10 SUBMIT DETAILS OF THE PIT, LID AND AN INSTALLATION SECTION FOR APPROVAL.			A
PIT C2		450 X 450 CLEAR INTERNAL X 700 DEEP PLASTIC COMMUNICATIONS PIT C/W A REINFORCED CONCRETE SURROUND AND A CLASS C INFILL LID SUBMIT DETAILS OF THE PIT, LID AND AN INSTALLATION SECTION FOR APPROVAL.			A
TELSTRA / NBN PIT		EXISTING TELSTRA PIT CONFIRM THE POSITION ON SITE			A





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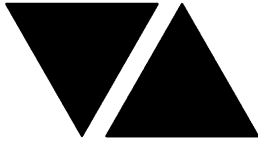
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## LIGHTING CONTROL SCHEDULE

REVISION B - 28 NOVEMBER 2025

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
SP4	AS DETAILED IN THE EQUIPMENT SCHEDULE 6-BUTTON PROGRAMMABLE SWITCH PANEL C/W CENTRAL LCD DISPLAY DYNALITE ANTUMBRA DISPLAY ALUMINIUM				A
SP5	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
CONTROL MODULE 1					A
TYPE:		DYNALITE DDRC1220FR-GL		A	
DESCRIPTION		12 CH SWITCHING CONTROLLER			A
LOCATION		DIN RAIL MOUNTED WITHIN DB-1			A
BUS:		A			A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUIT	USE	A
1-1	SWITCH	GAMING	DB-1 - P1	BASE SIGNS	A
1-2	SWITCH	GAMING	DB-1 - P2	BASE SIGNS	A
1-3	SWITCH	GAMING	DB-1 - P3	BASE SIGNS	A
1-4	SWITCH	GAMING	DB-1 - P4	BASE SIGNS	A
1-5	SWITCH	EXTERNAL	DB-1 - L1	SIGN	A
1-6	SWITCH	EXTERNAL	DB-1 - L1	SIGN	A
1-7	SWITCH	EXTERNAL	DB-1 - L1	SIGN	A
1-8	SWITCH	GAMING	DB-1 - L2	SIGN	A
1-9	SWITCH		DB-1 - L2	SIGN	A
1-10	SWITCH	EXTERNAL	DB-1 - L3	L10	A
1-11					A
1-12					A
CONTROL MODULE 2					A
TYPE:		DYNALITE DDBC1200		A	
DESCRIPTION		12CH BOARD CAST DALI CONTROLLER			A
LOCATION		DIN RAIL MOUNTED WITHIN DB-1			A
BUS:		A			A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUIT	USE	A
1-13	DALI DIM		DB-1 - L4	L23	A
1-14	DALI DIM		DB-1 - L4	L31	B
1-15	DALI DIM		DB-1 - L4	L23	A
1-16	DALI DIM		DB-1 - L4	S6	A
1-17	DALI DIM		DB-1 - L5	S5	A
1-18	DALI DIM		DB-1 - L5	L18	A
1-19	DALI DIM		DB-1 - L5	S4	A
1-20	DALI DIM		DB-1 - L5	L18	A
1-21	DALI DIM		DB-1 - L5	L18	A
1-22	DALI DIM		DB-1 - L5	S4	A
1-23	DALI DIM		DB-1 - L6	L18	A
1-24	DALI DIM		DB-1 - L5	S4	A



# ELECTRICAL DESIGN GROUP

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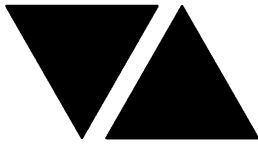
C2864a - DRY DOCK ROAD HOTEL, TWEED HEADS SOUTH

C2864a-0004(B).xls

LIGHTING CONTROL SCHEDULE

REVISION B - 28 NOVEMBER 2025

CONTROL MODULE 3					A
TYPE:	DYNALITE DDBC1200				A
DESCRIPTION	12CH BOARD CAST DALI CONTROLLER				A
LOCATION	DIN RAIL MOUNTED WITHIN DB-1				A
BUS:	A				A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUIT	USE	A
1-25	DALI DIM		DB-1 - L6	L18	A
1-26	DALI DIM		DB-1 - L6	L18	A
1-27	DALI DIM		DB-1 - L6	S2	A
1-28	DALI DIM		DB-1 - L7	L20	A
1-29	DALI DIM		DB-1 - L7	L20	A
1-30	DALI DIM		DB-1 - L7	L20	A
1-31	DALI DIM		DB-1 - L8	L20	A
1-32	DALI DIM		DB-1 - L8	L20	A
1-33	DALI DIM		DB-1 - L9	L17	A
1-34	DALI DIM		DB-1 - L9	L21	A
1-35	DALI DIM		DB-1 - L9	L20	A
1-36	DALI DIM		DB-1 - L9	L20	A
CONTROL MODULE 4					A
TYPE:	DYNALITE DDBC1200				A
DESCRIPTION	12CH BOARD CAST DALI CONTROLLER				A
LOCATION	DIN RAIL MOUNTED WITHIN DB-1				A
BUS:	A				A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUITS	USE	A
1-37	DALI DIM		DB-1 - L10	L25	A
1-38	DALI DIM		DB-1 - L10	L16 & L25	A
1-39	DALI DIM		DB-1 - L10	L15	A
1-40	DALI DIM		DB-1 - L11	L16 & L25	A
1-41	DALI DIM		DB-1 - L11	L15	A
1-42	DALI DIM		DB-1 - L11	L16	A
1-43	DALI DIM		DB-1 - L12	L15	A
1-44	DALI DIM		DB-1 - L12	S1	A
1-45	DALI DIM		DB-1 - L13	L19	A
1-46	DALI DIM		DB-1 - L13	L17	A
1-47	DALI DIM		DB-1 - L14	L19	A
1-48	DALI DIM		DB-1 - L14	L17	A
CONTROL MODULE 5					A
TYPE:	DYNALITE DDBC1200				A
DESCRIPTION	12CH BOARD CAST DALI CONTROLLER				A
LOCATION	DIN RAIL MOUNTED WITHIN DB-1				A
BUS:	A				A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUITS	USE	A
1-49	DALI DIM		DB-1 - L15	L18	A
1-50	DALI DIM		DB-1 - L15	L22	A
1-51	DALI DIM		DB-1 - L15	S3	A
1-52	DALI DIM		DB-1 - L11	S1	A
1-53	DALI DIM		DB-1 - L11	L15	A
1-54	DALI DIM		DB-1 - L11	S7	A
1-55	DALI DIM		DB-1 - L15	L23	A
1-56	DALI DIM		DB-1 - L14	S8	A
1-57	DALI DIM		DB-1 - L14	S8	A
1-58	DALI DIM		DB-1 - L13	S8	A
1-59	DALI DIM		DB-1 - L13	S8	A
1-60	DALI DIM		DB-1 - L6	S11	A



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## LIGHTING CONTROL SCHEDULE

REVISION B - 28 NOVEMBER 2025

CONTROL MODULE 6					A
TYPE:		DYNALITE DDRC1220FR-GL			A
DESCRIPTION		12 CH SWITCHING CONTROLLER			A
LOCATION		DIN RAIL MOUNTED WITHIN DB-2			A
BUS:		A			A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUIT	USE	A
2-1	SWITCH	ROOF	DB-2 - L1	SIGN	A
2-2	SWITCH	INTERNAL	DB-2 - L2	SIGN	A
2-3	SWITCH	EXTERNAL	DB-2 - L3	L10	A
2-4	SWITCH	DECK	DB-2 - L4	L22	A
2-5	SWITCH	KITCHEN	DB-2 - L5	KITCHEN LIGHTS	A
2-6	SPARE				A
2-7	SPARE				A
2-8	SPARE				A
2-9	SPARE				A
2-10	SPARE				A
2-11	SPARE				A
2-12	SPARE				A
CONTROL MODULE 7					A
TYPE:		DYNALITE DDBC1200			A
DESCRIPTION		12CH BOARD CAST DALI CONTROLLER			A
LOCATION		DIN RAIL MOUNTED WITHIN DB-2			A
BUS:		A			A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUIT	USE	A
2-13	DALI DIM		DB-2 - L6	L24	A
2-14	DALI DIM		DB-2 - L6	L24	A
2-15	DALI DIM		DB-2 - L4	S7	A
2-16	DALI DIM		DB-2 - L4	S9	A
2-17	DALI DIM		DB-2 - L7	L20	A
2-18	DALI DIM		DB-2 - L7	L17	A
2-19	DALI DIM		DB-2 - L8	L20	A
2-20	DALI DIM		DB-2 - L8	L20	A
2-21	DALI DIM		DB-2 - L9	L17	A
2-22	DALI DIM		DB-2 - L9	L17	A
2-23	DALI DIM		DB-2 - L9	L15	A
2-24	DALI DIM		DB-2 - L9	L15	A
CONTROL MODULE 8					A
TYPE:		DYNALITE DDBC1200			A
DESCRIPTION		12CH BOARD CAST DALI CONTROLLER			A
LOCATION		DIN RAIL MOUNTED WITHIN DB-2			A
BUS:		A			A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUIT	USE	A
2-25	DALI DIM		DB-2 - L9	S1	A
2-26	DALI DIM		DB-2 - L10	L15	A
2-27	DALI DIM		DB-2 - L10	L15	A
2-28	DALI DIM		DB-2 - L10	L15	A
2-29	DALI DIM		DB-2 - L10	L17	A
2-30	DALI DIM		DB-2 - L10	L19	A
2-31	DALI DIM		DB-2 - L10	L17	A
2-32	DALI DIM		DB-2 - L10	L15	A
2-33	DALI DIM		DB-2 - L11	L15	A
2-34	DALI DIM		DB-2 - L11	L17	A
2-35					A
2-36					A



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## ABBREVIATIONS SCHEDULE

REVISION A - 01 AUGUST 2025

ABBREVIATION	DESCRIPTION
500	NUMBER DENOTES MOUNTING HEIGHT AFFL
15A	15-AMP
24HR	24-HOUR
A	AMPS
AB	MOUNT ABOVE BENCH
AC	ALTERNATING CURRENT
ACOP	APPROVED CODE OF PRACTICE
AD	AUTO DOOR
AFFL	ABOVE FINISHED FLOOR LEVEL TO THE CENTRE OF THE ITEM UNLESS NOTED OTHERWISE
AV	AUDIO VISUAL
BB	MOUNT BELOW BENCH
BC	MOUNT 100mm BELOW CEILING
BH	MOUNT ON / IN BULKHEAD
BL	OUTLET TO BE BLACK IN COLOUR
BS	BRITISH STANDARDS
BWU	BOILING WATER UNIT
C/W	COMPLETE WITH
CATV	CABLE TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CD	COMPACT DISK
CEIL	MOUNT ON CEILING
CIBSE	CHARTERED INSTITUTION OF BUILDING SERVICES ENGINEERS
COAX	CO-AXIAL
COMMS	COMMUNICATIONS
CPU	CENTRAL PROCESSING UNIT
CS	MOUNT CONCEALED WITHIN CEILING SPACE
CT	CURRENT TRANSFORMER
DB	DISTRIBUTION BOARD
DBA	DECIBELS – ADJUSTED
DC	DIRECT CURRENT
DDC	DIRECT DIGITAL CONTROL
DIA	DIAMETER
DIM	LIGHT SWITCH TO BE DIMMABLE
DW	DISH WASHER
DWG	AUTOCAD DRAWING FORMAT
DXF	DRAWING EXCHANGE FORMAT - AUTOCAD DXF
ELCB	EARTH LEAKAGE CIRCUIT BREAKER
EMC	ELECTROMAGNETIC COMPATIBILITY
EMI	ELECTROMAGNETIC INTERFERENCE
EXIST	EXISTING EQUIPMENT TO REMAIN UNLESS NOTED OTHERWISE
FFL	FINISHED FLOOR LEVEL
FIP	FIRE INDICATOR PANEL
FLOOR	FLOOR MOUNTED
FM	FREQUENCY MODULATION
HCFC	HYDROCHLOROFLUOROCARBON
HD	HAND DRYER
HP	HOT PLATE
HV	HIGH VOLTAGE
HWS	HOT WATER SYSTEM
HZ	HERTZ (CYCLES PER SECOND)
K	KILO (1000 UNITS)
KA	KILOAMPERE (1000A)
KVA	KILO VOLT AMPERES
KWH	KILO WATT HOURS
LCD	LIQUID CRYSTAL DISPLAY



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C2864a - DRY DOCK ROAD HOTEL, TWEED HEADS SOUTH

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## ABBREVIATIONS SCHEDULE

REVISION A - 01 AUGUST 2025

ABBREVIATION	DESCRIPTION
LED	LIGHT EMITTING DIODE
LV	LOW VOLTAGE
M	METRE
MATV	MASTER ANTENNA TELEVISION
MCB	MINIATURE CIRCUIT BREAKER
MCCB	MOULDED CASE CIRCUIT BREAKER
MDF	MAIN DISTRIBUTION FRAME
MM	MILLI- METRE(S)
MSB	MAIN SWITCH BOARD
MSSB	MECHANICAL SERVICES SWITCHBOARD
MW	MICROWAVE
N	NEUTRAL
NTS	NOT TO SCALE
OV	OVEN
PDF	PORTABLE DOCUMENT FILES
PE	POLYETHYLENE
PF	POWER FACTOR
PH	PHASE
PIR	PASSIVE INFRA RED
POT	PLAIN OLD TELEPHONE
PP	POLYPROPYLENE
PTFE	POLYTETRAFLUOROETHYLENE
PVC	POLYVINYLCHLORIDE
RAD	RADIUS
RCCB	RESIDUAL CURRENT CIRCUIT BREAKER
RCD	CIRCUIT PROTECTED VIA A 30mA RESIDUAL CURRENT DEVICE
REF	REFRIGERATION
RH	RANGE HOOD
RMS	ROOT MEAN SQUARE
RPM	REVOLUTIONS PER MINUTE
RS232	SIGNAL INPUT/OR OUTPUT SERIALY CODED
RSD	ROLLER SHUTTER DOOR
STP	SHIELDED TWISTED PAIR
SUS	SUSPENDED
SWA	GALVANISED STEEL WIRE ARMOUR
TEX	TOILET EXHAUST
TP	TEST POINT
TPN	THREE PHASE & NEUTRAL
TRC	TELECOM REFERENCE CONDUCTOR
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTIBLE POWER SUPPLY
UPVC	UNPLASTICISED POLYVINYLCHLORIDE
UTP	UNSHIELDED TWISTED PAIR (WIRE CABLE)
UV	ULTRA VIOLET
V	VOLTS
VA	VERTICAL ARCHITRAVE OUTLET TYPE
W	WATT
WC	MOUNT WITHIN WALL CAVITY
WP	WEATHERPROOF TO IP56 UNLESS NOTED OTHERWISE
XLPE	CROSS-LINKED POLYETHYLENE INSULATED



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C2864a - DRY DOCK ROAD HOTEL, TWEED HEADS SOUTH

C2864a-0006(B).xls

DISTRIBUTION BOARD DB-1

REVISION B - 28 NOVEMBER 2025

<div>FAULT CURRENT: 6kA</div> <div>CHASSIS SIZE: 2 X 84 POLES</div> <div>CHASSIS RATING: 250A</div> <div>PHASES: A</div> <div>MAIN SWITCH: 250A NON AUTO LOAD BREAK</div> <div>SUPPLIED FROM: MSB</div> <div>CABLE: 1C 120</div>							REV
							A
							A
							A
							A
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.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	GAMING	SIGN	A
P2	1	20	RCBO	2.5	GAMING	SIGN	A
P3	1	20	RCBO	2.5	GAMING	SIGN	A
P4	1	20	RCBO	2.5	GAMING	SIGN	A
P5	1	20	RCBO	2.5	GAMING	CLEANING	A
P6	1	20	RCBO	2.5	GAMING	CRT	A
P7	1	20	RCBO	2.5	GAMING	VENDING	A
P8	1	20	RCBO	2.5	GAMING	TV	A
P9	1	20	RCBO	2.5	GAMING	POKER MACHINES	A
P10	1	20	RCBO	2.5	GAMING	POKER MACHINES	A
P11	1	20	RCBO	2.5	GAMING	POKER MACHINES	A
P12	1	20	RCBO	2.5	GAMING	POKER MACHINES	A
P13	1	20	RCBO	2.5	GAMING	POKER MACHINES	A
P14	1	20	RCBO	2.5	GAMING	POKER MACHINES	A
P15	1	20	RCBO	2.5	GAMING	MODEM	A
P16	1	20	RCBO	2.5		RACK H1	A
P17	1	20	RCBO	2.5		RACK H1	A
P18	1	20	RCBO	2.5		RACK H2	A
P19	1	20	RCBO	2.5		RACK H2	A
P20	1	20	RCBO	2.5		RACK H3	A
P21	1	20	RCBO	2.5		RACK H3	A
P22	1	20	RCBO	2.5		RACK H4	A
P23	1	20	RCBO	2.5		RACK H4	A
P24	1	20	RCBO	2.5	EXTERNAL	GPO	A
P25	1	20	RCBO	2.5	EXTERNAL	PUMP	A
P26	3	20	RCBO	2.5		RSD	A
P27	1	20	RCBO	2.5		HWS	A
P28	1	20	RCBO	2.5		CLEANING	A
P29	1	20	RCBO	2.5		CLEANING	A
P30	1	20	RCBO	2.5		AUTODOOR	A
P31	1	20	RCBO	2.5		TV	A
P32	1	20	RCBO	2.5		LED SCREEN	A
P33	1	20	RCBO	2.5		SRT	A
P34	1	20	RCBO	2.5		ATM	A
P35	1	20	RCBO	2.5		ATM	A
P36	1	20	RCBO	2.5		AUTODOOR	A
P37	3	50		10.0		28KW HWS	A
P38	1	20	RCBO	2.5		LED SCREEN	A
P39	1	20	RCBO	2.5		TV	A
P40	1	20	RCBO	2.5		CLEANING	A
P41	1	20	RCBO	2.5	EXTERNAL	GPO	A
P42	1	20	RCBO	2.5		HD	A
P43	1	20	RCBO	2.5		HD	A
P44	3	50		10.0		28KW HWS	A
P45	1	20	RCBO	2.5		AUTO DOOR	A
P46	1	20	RCBO	2.5		CLEANING	A
P47	1	20	RCBO	2.5	LOADING	POST MIX	A
P48	1	20	RCBO	2.5	LOADING	POST MIX	A
P49	1	20	RCBO	2.5	LOADING	ICE MACHINE	A

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Pages inc. any attach. 1 of 2



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C2864a - DRY DOCK ROAD HOTEL, TWEED HEADS SOUTH

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DISTRIBUTION BOARD DB-1

REVISION B - 28 NOVEMBER 2025

							REV
FAULT CURRENT:			6kA	MAIN SWITCH:			250A NON AUTO LOAD BREAK
CHASSIS SIZE:			2 X 84 POLES	SUPPLIED FROM:			MSB
CHASSIS RATING:			250A	CABLE:			1C 120
PHASES:			A				
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.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P50	1	20	RCBO	2.5	BAR	GPOs	A
P51	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P52	1	20	RCBO	2.5	BAR	POS	A
P53	1	20	RCBO	2.5	EXTERNAL	SOLOIST	A
P54	1	20	RCBO	2.5	EXTERNAL	SOLOIST	A
P55	1	20	RCBO	2.5	KEG ROOM	BEER	A
P56	1	20	RCBO	2.5	KEG ROOM	BEER	A
P57	1	20	RCBO	2.5	KEG ROOM	GLYCOL	A
P58	1	20	RCBO	2.5	KEG ROOM	COMPRESSOR	A
P59	1	20	RCBO	2.5	EXTERNAL	GLYCOL	A
P60	1	20	RCBO	2.5	GAMING	GPO	A
P61	1	20	RCBO	2.5	GAMING	COFFEE	A
P62	1	20	RCBO	2.5	GAMING	RF	A
P63	1	20	RCBO	2.5	GAMING	VENDING	A
P64	1	32		6.0	EXTERNAL	INVERTER	A
P65	1	20	RCBO	2.5	TAB	TV	A
P66	1	20	RCBO	2.5	EXTERNAL	TV	A
P67	1	20	RCBO	2.5	GAMING	LOUVRES	A
P68	1	20	RCBO	2.5	DECK	HEATER	A
P69	1	20	RCBO	2.5	DECK	HEATER	A
P70	1	20	RCBO	2.5	DECK	HEATER	A
P71	1	20	RCBO	2.5	DECK	HEATER	A
P72	1	20	RCBO	2.5	DECK	HEATER	A
P73	1	20	RCBO	2.5	DECK	HEATER	A
P74	1	20	RCBO	2.5	ENTRY	LED SCREEN	A
P75	1	20	RCBO	2.5	EXTERNAL	WATER FEATURE	B
L1	1	20	RCBO	2.5	HOTEL	SIGN	A
L2	1	20	RCBO	2.5	HOTEL	SIGN	A
L3	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L4	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L5	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L6	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L7	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L8	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L9	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L10	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L11	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L12	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L13	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L14	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L15	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L16	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L17	1	20	RCBO	2.5	HOTEL	FANS	A
L18	1	20	RCBO	2.5	HOTEL	FANS	A



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DISTRIBUTION BOARD DB-2

REVISION A - 01 AUGUST 2025

							REV
FAULT CURRENT:		6kA		MAIN SWITCH:		250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:		3 X 84 POLES		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		CABLE:		1C 120	A
PHASES:		A					A
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.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	EXTERNAL	MAINTENANCE	A
P2	1	20	RCBO	2.5		CLEANING	A
P3	1	20	RCBO	2.5		HWS	A
P4	1	20	RCBO	2.5		HD	A
P5	1	20	RCBO	2.5		HD	A
P6	1	20	RCBO	2.5	EXTERNAL	SHED	A
P7	1	20	RCBO	2.5		CLEANING	A
P8	1	20	RCBO	2.5		TV	A
P9	1	20	RCBO	2.5	EXTERNAL	LED SCREEN	A
P10	1	20	RCBO	2.5		CLEANING	A
P11	1	20	RCBO	2.5	BAR	POS	A
P12	1	20	RCBO	2.5	BAR	KENO	A
P13	1	20	RCBO	2.5	BAR	COFFEE	A
P14	1	20	RCBO	2.5	BAR	GPOs	A
P15	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P16	1	20	RCBO	2.5	BAR	GPOs	A
P17	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P18	1	20	RCBO	2.5	BAR	GPOs	A
P19	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P20	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P21	1	3	RCBO	2.5	BAR	HWS	A
P22	1	20	RCBO	2.5	BAR	TAB	A
P23	1	20	RCBO	2.5	BAR	GPOs	A
P24	1	20	RCBO	2.5	OFFICE	DESKS	A
P25	1	20	RCBO	2.5	OFFICE	TV	A
P26	1	20	RCBO	2.5	OFFICE	GPOs	A
P27	3	40		6.0	KITCHEN	22.5KW DW	A
P28	3	20	RCBO	2.5	KITCHEN	HWS	A
P29	3	20	RCBO	2.5	KITCHEN	11.2 KW COMBI	A
P30	3	40		6.0	KITCHEN	20.2 KW COMBI	A
P31	3	20	RCBO	2.5	KITCHEN	SALAMANDA	A
P32	3	20	RCBO	2.5	KITCHEN	MERRY CHEF	A
P33	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P34	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P35	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P36	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P37	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P38	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P39	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P40	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P41	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P42	1	20	RCBO	2.5	SERVERY	PRINTER	A
P43	1	20	RCBO	2.5	SERVERY	BAINE MARIE	A
P44	1	20	RCBO	2.5	SERVERY	GPOs	A
P45	1	20	RCBO	2.5	SERVERY	REF	A

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# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C2864a - DRY DOCK ROAD HOTEL, TWEED HEADS SOUTH

C2864a-0007(A).xls

DISTRIBUTION BOARD DB-2

REVISION A - 01 AUGUST 2025

FAULT CURRENT: 6kA  CHASSIS SIZE: 3 X 84 POLES  CHASSIS RATING: 250A  PHASES: A  MAIN SWITCH: 250A NON AUTO LOAD BREAK  SUPPLIED FROM: MSB  CABLE: 1C 120							REV
							A
							A
							A
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.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P46	1	20	RCBO	2.5	SERVERY	PIZZA	A
P47	1	20	RCBO	2.5	SERVERY	MW	A
P48	1	20	RCBO	2.5	KITCHEN	MW	A
P49	1	20	RCBO	2.5	KITCHEN	20A OUTLET	A
P50	1	20	RCBO	2.5	KITCHEN	20A OUTLET	A
P51	1	20	RCBO	2.5	KITCHEN	BAINE MARIE	A
P52	3	20	RCBO	2.5	KITCHEN	MIXER	A
P53	3	40		6.0	KITCHEN	23KW SMOKER	A
P54	1	20	RCBO	2.5	KITCHEN	GPOs	A
P55	1	20	RCBO	2.5		TV	A
P56	1	20	RCBO	2.5		TV	A
P57	1	20	RCBO	2.5		TV	A
P58	1	20	RCBO	2.5	DECK	HEATER	A
P59	1	20	RCBO	2.5	EXTERNAL	LED SCREEN	A
L1	1	20	RCBO	2.5	HOTEL	SIGN	A
L2	1	20	RCBO	2.5	HOTEL	SIGN	A
L3	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L4	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L5	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L6	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L7	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L8	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L9	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L10	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L11	1	20	RCBO	2.5	HOTEL	LIGHTS	A
L12	1	20	RCBO	2.5	HOTEL	FANS	A
L13	1	20	RCBO	2.5	HOTEL	FANS	A
L14	1	20	RCBO	2.5	HOTEL	LIGHTS	A



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C2864a - DRY DOCK ROAD HOTEL, TWEED HEADS SOUTH

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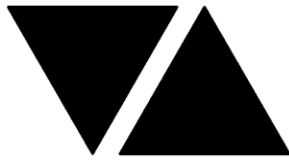
DISTRIBUTION BOARD DB-B

REVISION A - 01 AUGUST 2025

							REV
FAULT CURRENT:		6kA		MAIN SWITCH:		250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:		96 POLES		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		CABLE:		1C 120	A
PHASES:		A					A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS 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.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	SERVERY	POS	A
P2	1	20	RCBO	2.5	SERVERY	POS	A
P3	1	20	RCBO	2.5	SERVERY	POS	A
P4	1	20	RCBO	2.5	ENTRY	TV	A
P5	1	32		6.0	EXTERNAL	INV B	A
P6	1	20	RCBO	2.5	FOYER	ICE	A
P7	1	20	RCBO	2.5	FOYER	ICE	A
P8	1	20	RCBO	2.5	FOYER	ENTRY / EXIT	A
P9	3	20	RCBO	2.5	ENTRIES	RSD	A
P10	1	20	RCBO	2.5	ENTRIES	AUTO DOORS	A
P11	1	20	RCBO	2.5		GATES	A
P12	1	20	RCBO	2.5		CLEANING	A
P13	1	20	RCBO	2.5	OFFICE	OFFICE	A
P14	1	20	RCBO	2.5	OFFICE	PRINTER	A
P15	1	20	RCBO	2.5	OFFICE	DESK	A
P16	1	20	RCBO	2.5	OFFICE	SECURITY	A
P17	1	20	RCBO	2.5	OFFICE	CR-B	A
P18	1	20	RCBO	2.5	OFFICE	CR-B	A
P19	1	20	RCBO	2.5	WARE HOUSE	CLEANING	A
P20	1	20	RCBO	2.5	EXTERNAL	MAINTENANCE	A
P21	3	20	RCBO	2.5	EXTERNAL	PUMP	A
P22	1	20	RCBO	2.5	WARE HOUSE	MAINTENANCE	A
P23	1	20	RCBO	2.5	STORE	CHARGER	A
P24	3	20	RCBO	2.5	STORE	CHARGER	A
P25	1	20	RCBO	2.5	STORE	CHARGER	A
P26	1	20	RCBO	2.5	WARE HOUSE	GPOS	A
P27	1	20	RCBO	2.5	AMENITY	HD GPO	A
P28	3	20	RCBO	2.5	WARE HOUSE	RSD	A
P29	1	20	RCBO	2.5	DRIVE THRU	GPOS	A
P30	1	20	RCBO	2.5	DRIVE THRU	GPOS	A
P31	1	20	RCBO	2.5	COOLROOM	AUTO DOOR	A
P32	1	20	RCBO	2.5	STORE	STORE	A
P33	1	20	RCBO	2.5	STORE	RSD	A
P34	1	20	RCBO B6	2.5	RETAIL	AIR CURTAINS	A
P35	3	63		16.0	EXTERNAL	AC COMP 1	A
P36	3	63		16.0	EXTERNAL	AC COMP 2	A
P37	3	20	RCBO	2.5	LOADING	AC COMP 3	A
P38	1	20	RCBO	2.5	RETAIL	SECURITY	A
P39	1	20	RCBO B3	2.5	RETAIL	DISPLAY	A
P40	1	20	RCBO B3	2.5	RETAIL	DISPLAY	A
P41	1	20	RCBO B3	2.5	RETAIL	DISPLAY	A
P42	1	20	RCBO	2.5	ROOF	RV1	A
P43	1	20	RCBO	2.5	ROOF	RV2	A
P44	1	20	RCBO	2.5	RETAIL	SNACKS	A
P45	1	20	RCBO	2.5	RETAIL	TVs	A
P46	1	20	RCBO	2.5	RETAIL	ICE MACHINE	A

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C2864a - DRY DOCK ROAD HOTEL, TWEED HEADS SOUTH

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DISTRIBUTION BOARD DB-B

REVISION A - 01 AUGUST 2025

<div>FAULT CURRENT: 6kA</div> <div>CHASSIS SIZE: 96 POLES</div> <div>CHASSIS RATING: 250A</div> <div>PHASES: A</div> <div>MAIN SWITCH: 250A NON AUTO LOAD BREAK</div> <div>SUPPLIED FROM: MSB</div> <div>CABLE: 1C 120</div>							REV
							A
							A
							A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS 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.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
L1	1	20	RCBO PE ON DUSK OFF DAWN	4.0	CAR PARK	LIGHTS	A
L2	1	20	RCBO PE ON DUSK OFF DAWN	4.0	CAR PARK	LIGHTS	A
L3	1	20	RCBO PE ON DUSK OFF DAWN	4.0	CAR PARK	LIGHTS	A
L4	1	20	RCBO PE ON DUSK OFF DAWN	4.0	CAR PARK	LIGHTS	A
L5	1	20	RCBO PE ON DUSK OFF DAWN	4.0	CAR PARK	LIGHTS	A
L6	1	20	RCBO PE ON TC OFF	2.5	CAR PARK	PYLON	A
L7	1	20	RCBO PE ON TC OFF	2.5	FAÇADE	SIGNAGE	A
L8	1	20	RCBO PE ON DUSK OFF DAWN	2.5	FAÇADE	LIGHTS	A
L9	1	20	RCBO PE ON DUSK OFF DAWN	2.5	FAÇADE	LIGHTS	A
L10	1	20	RCBO	2.5	PLANT	LIGHTS	A
L11	1	20	RCBO	2.5	STORE	LIGHTS	A
L12	1	20	RCBO	2.5	OFFICE	LIGHTS	A
L13	1	20	RCBO	2.5	RETAIL	SECURITY TRACK LIGHTS	A
L14	1	20	RCBO SP B 1	2.5	RETAIL	CH 2 TRACK LIGHTS	A
L15	1	20	RCBO SP B 2	2.5	RETAIL	CH 3 TRACK LIGHTS	A
L16	1	20	RCBO SP B 1	2.5	RETAIL	CH 2 TRACK LIGHTS	A
L17	1	20	RCBO SP B 2	2.5	RETAIL	CH 3 TRACK LIGHTS	A
L18	1	20	RCBO	2.5	WAREHOUSE	LIGHTS	A
L19	1	20	RCBO	2.5	WAREHOUSE	LIGHTS	A
L20	1	20	RCBO	2.5	WAREHOUSE	LIGHTS	A
L21	1	20	RCBO PE ON TC OFF	2.5	EXTERNAL	SIGNAGE	A
L22	1	20	RCBO PE ON TC OFF	2.5	EXTERNAL	SIGNAGE	A
L23	1	20	RCBO PE ON TC OFF	4.0	CARPARK	SIGNAGE	A
L24	1	20	RCBO PE ON TC OFF	4.0	CARPARK	SIGNAGE	A

LEGEND

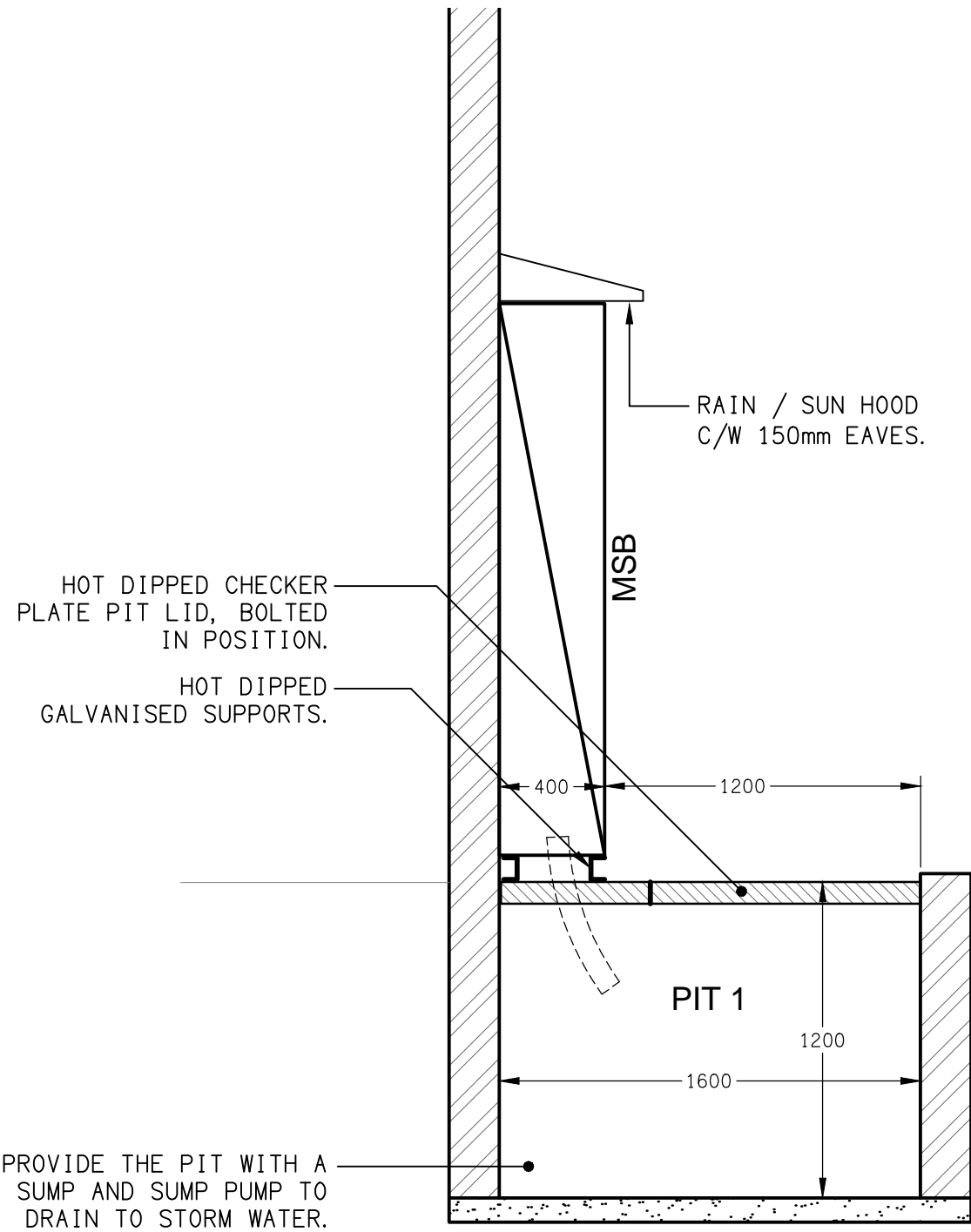
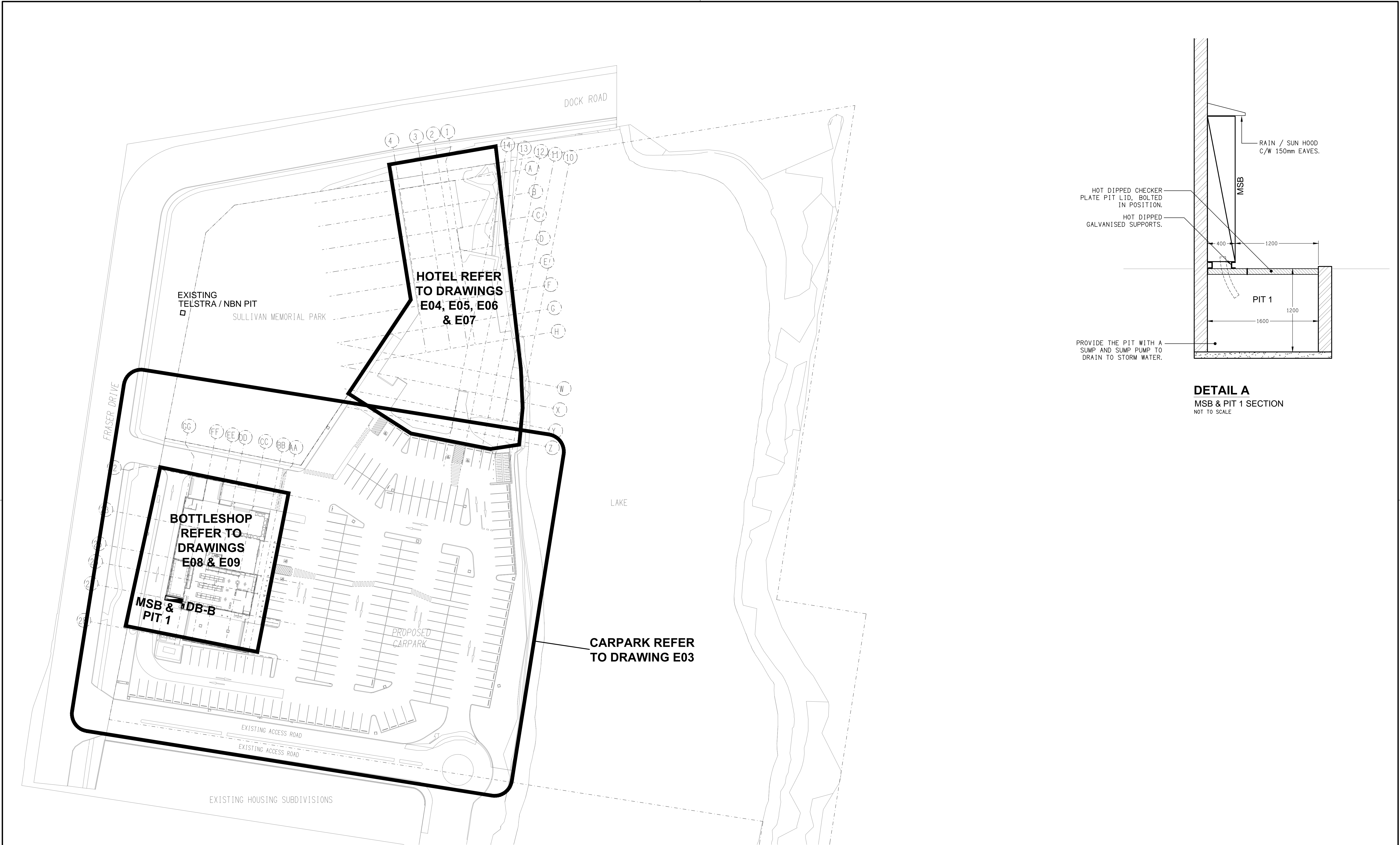
	ELECTRICAL SERVICES SWITCHBOARD.
	SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF THE ELECTRICAL SUBCONTRACT.
	SINGLE POWER OUTLET.
	DOUBLE POWER OUTLET.
	DOUBLE POWER OUTLET C/W USB CHARGER.
	SPECIAL PURPOSE POWER OUTLET.
	SINGLE PHASE ISOLATOR.
	THREE PHASE ISOLATOR.
	JUNCTION BOX / RISER, TYPE AS NOTED.
	SIGN CONNECTION.
	CONDUIT ROUTE.
	OUTLET NOTED MOUNTED WITH RECESS KIT.
	ELECTRICAL PIT, TYPE AS NOTED.
	TELSTRA PIT.
	HAND DRYER CONNECTION.
	GAMING FIBRE.
	LIGHTING CONTROL SWITCH PANEL, TYPE AS NOTED.
	ONE-WAY LIGHT SWITCH.
	TWO-WAY LIGHT SWITCH.
	CIRCUIT LINE.
	SWITCH LINE.
	POWER CIRCUIT DESIGNATION. DENOTES DB AND CIRCUIT.
	LIGHTING CONTROL CHANNEL REFERENCE.
	ELECTRICAL EQUIPMENT AS NOTED.
	RJ45 COMMUNICATIONS OUTLET.
	NBN NETWORK TERMINATION DEVICE.
	NBN PREMISES CONNECTION DEVICE.
	CAT-6 LINK CABLE OUTLET.
	GENERATOR CONNECTION CUBICLE.
	SUPPLY AUTHORITY CODE COMPLIANT LV MAXIMUM DEMAND TARIFF METER.
	PRIVATE MULTI-FUNCTION METER.
	MANUAL TRANSFER SWITCH.
	FUSE.
	SINGLE PHASE.
	THREE PHASE.
	CURRENT TRANSFORMER C/W REMOVABLE LINK.
	FUSE LINK.
	COMBINED FUSE SWITCH.

LEGEND

	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.
	ELECTRICAL CABLE TRAY AS NOTED.
	LIGHTING TRACK C/W ADJUSTABLE TRACK LIGHTS, CABLE TRAY MOUNTED AS PER DETAILS.
	E1: GENERAL RECESSED LED EMERGENCY LIGHT, WHITE.
	E2: CABLE TRAY MOUNTED LED EMERGENCY LIGHT, BLACK.
	E3: NO LONGER REQUIRED.
	E4: GENERAL SURFACE LED EMERGENCY LIGHT, BLACK.
	E5: GENERAL RECESSED LED EMERGENCY LIGHT, BLACK.
	E6 EX: EMERGENCY LED EXIT LIGHT, WHITE.
	EX: EMERGENCY LED EXIT LIGHT, BLACK.
	Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK. TYPE AS NOTED.
	L1: 30W CARPARK LIGHT MOUNTED ON A 9m POLE.
	L2: 30W CARPARK LIGHT MOUNTED ON A 7.8m POLE C/W VEHICLE IMPACT PROTECTION.
	L3: 1200 LONG SURFACE BATTEN C/W OCCUPANCY SENSOR.
	L4: 1200 LONG SURFACE BATTEN.
	L5: 1200 LONG BATTEN UNSWITCHED C/W NON-MAINTAINED EMERGENCY PACK.
	L6: DRIVE THROUGH LIGHT.
	L7: 90W CARPARK LIGHT MOUNTED ON A 9m POLE.
	L8: 90W CARPARK LIGHT MOUNTED ON A 7.8m POLE C/W VEHICLE IMPACT PROTECTION.
	L9: EXTERNAL HIGH BAY BRACKET MOUNTED LIGHT.
	L10: 50W CARPARK LIGHT, WALL MOUNTED.
	L11: EXTERNAL RECESSED DOWNLIGHT.
	L12: EXTERNAL RECESSED DOWNLIGHT.
	L13: 1200 x 300 LED FLAT PANEL LIGHT, PLASTERBOARD RECESSED.
	L14: 600 x 600 LED FLAT PANEL LIGHT, PLASTERBOARD RECESSED.
	L15: 1200 DIA DECORATIVE SUSPENDED PENDANT.
	L16: 800 DIA DECORATIVE SUSPENDED PENDANT.
	L17: RECESSED DOWNLIGHT.
	L18: RECESSED DOWNLIGHT.
	L19: DECORATIVE SUSPENDED PENDANT.
	L20: AMENITY RECESSED DOWNLIGHT.
	L21: RECESSED DOWNLIGHT.
	L22: FESTOON STRING LIGHTS C/W STAINLESS STEEL SUPPORT SYSTEM.

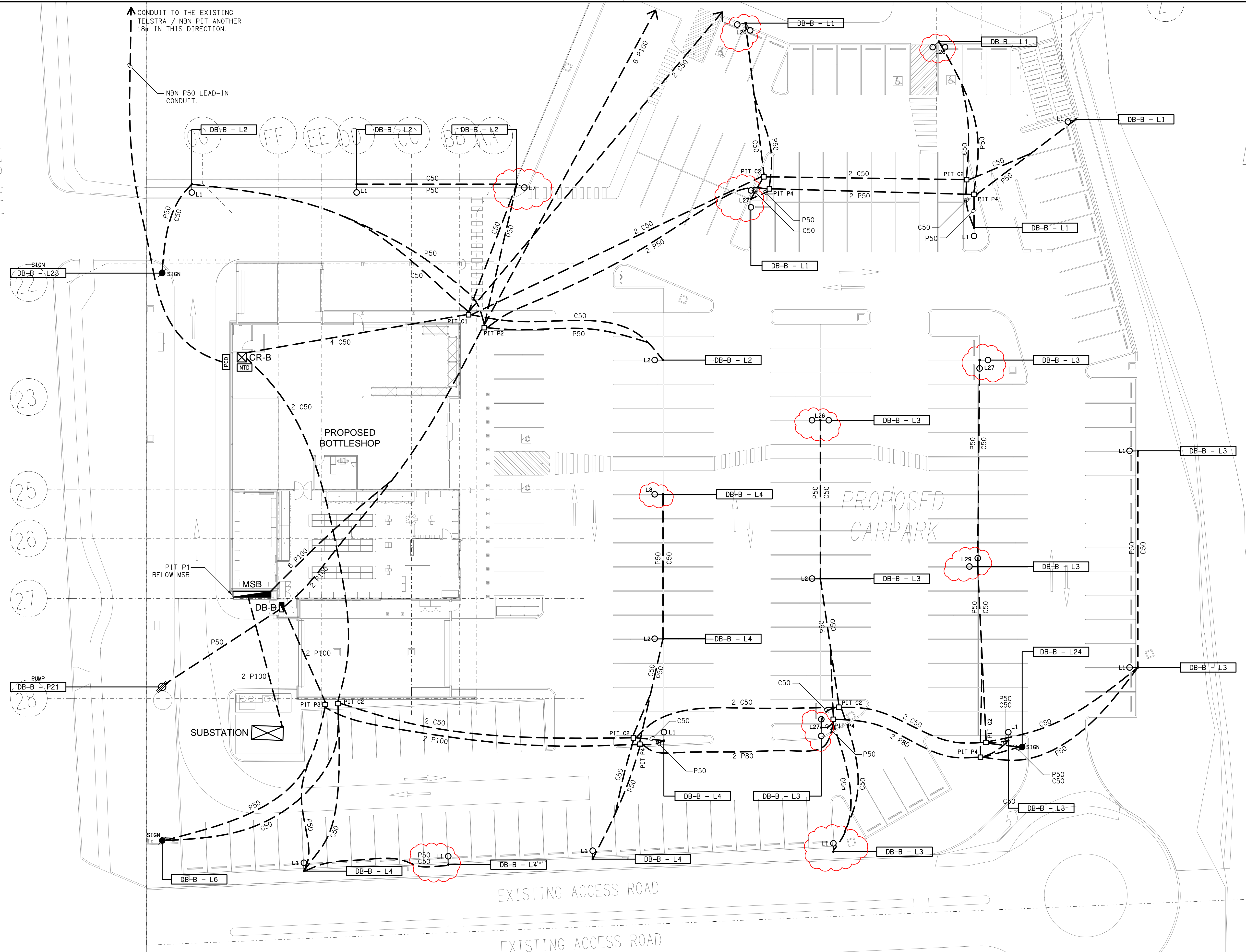
LEGEND

	L23: GARDEN SPIKE LIGHT.
	L24: FLUSH RECESSED WALL LIGHT.
	L25: 600 DIA DECORATIVE SURFACE BUNKER LIGHT.
	L26: TWIN 90W FITTING CARPARK LIGHT ON A 9m HIGH POLE.
	L27: TWIN 30W FITTING CARPARK LIGHT ON A 9m HIGH POLE.
	L28: TWIN 90W FITTING CARPARK LIGHT ON A 7.8m HIGH POLE C/W VEHICLE IMPACT PROTECTION.
	L29: TWIN 30W FITTING CARPARK LIGHT ON A 7.8m HIGH POLE C/W VEHICLE IMPACT PROTECTION.
	L30: 100W CARPARK WALL LIGHT.
	L31: WATER FEATURE LIGHT.
	Sx: LED STRIP LIGHT, TYPE AS NOTED.
	F1: 2400 DIA CEILING FAN.
	F2: 1500 DIA CEILING FAN.
	H1: DECK HEATER.
	PB: AUTO DOOR PUSH BUTTON.
	ICS: INTERCOM CALL STATION.
	IHS: INTERCOM HAND SET.
	FC: CEILING FAN CONTROL.
	HC: CEILING HEATER CONTROL.

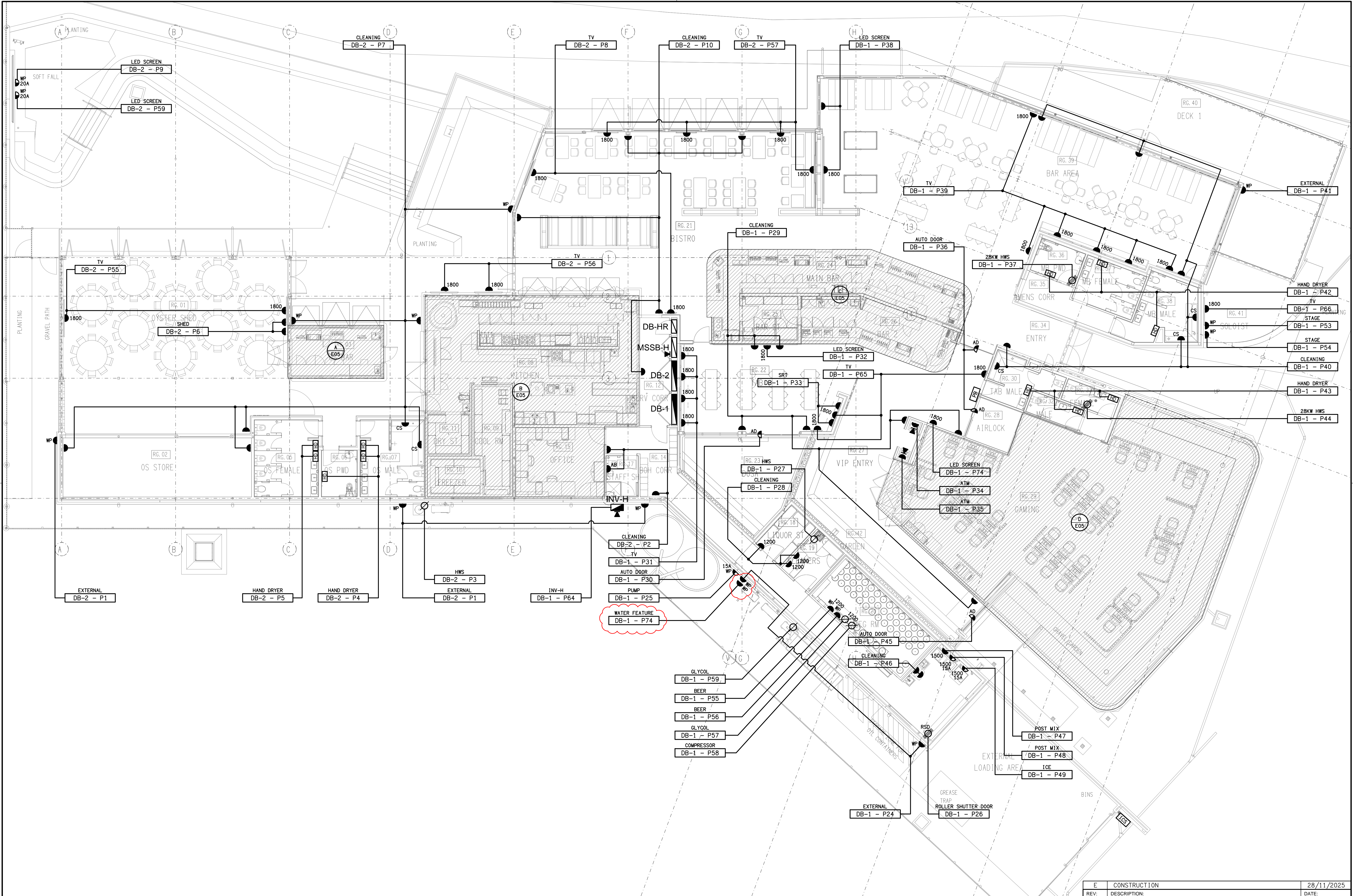


**DETAIL A**  
MSB & PIT 1 SECTION  
NOT TO SCALE

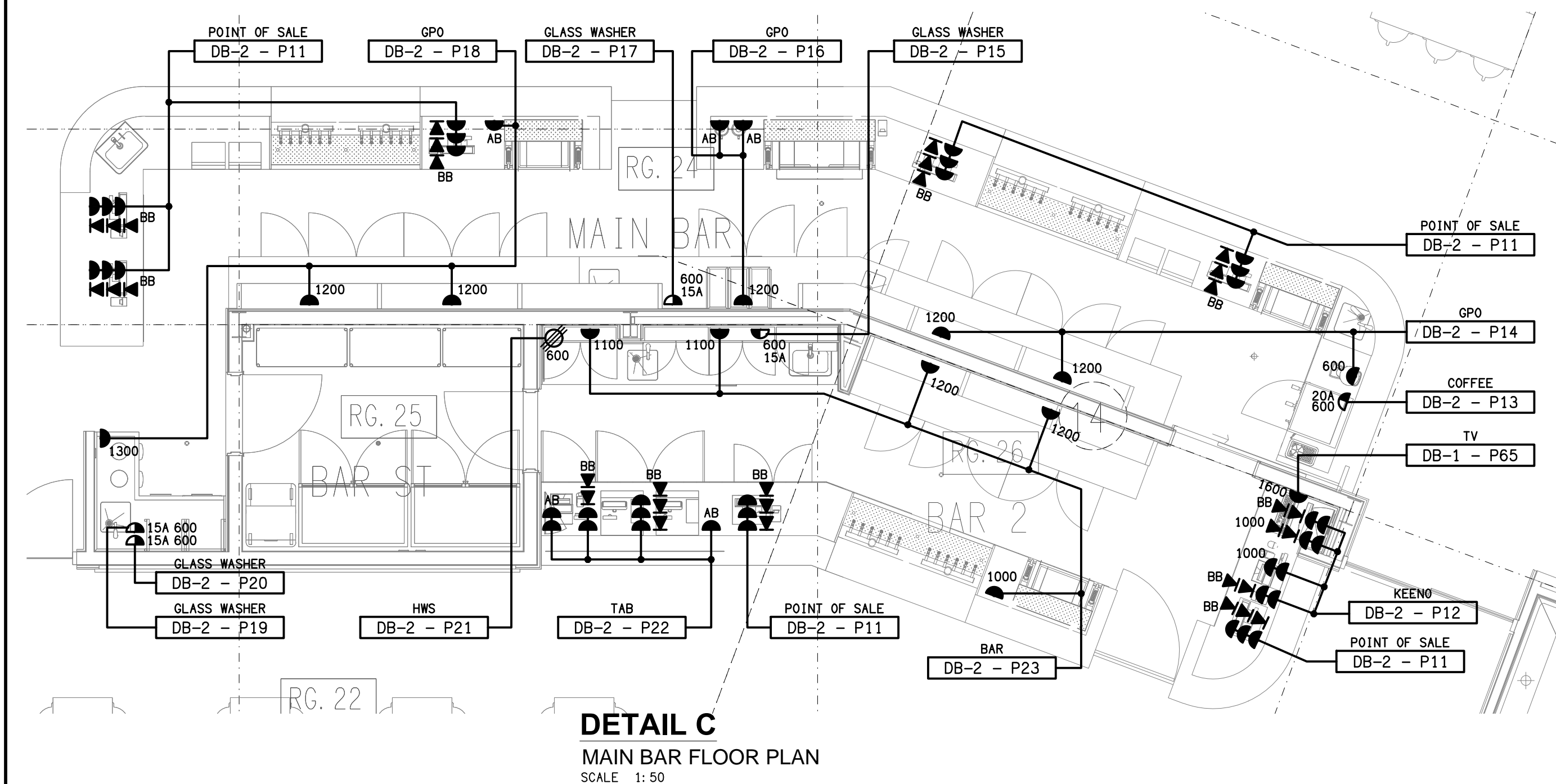




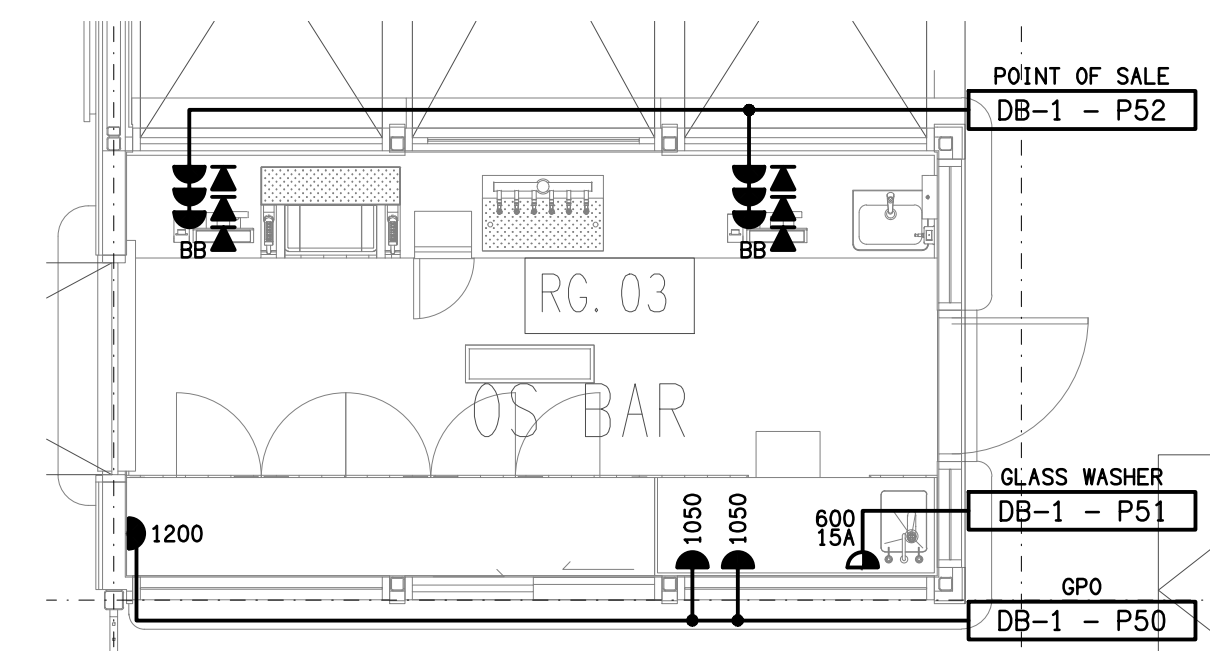




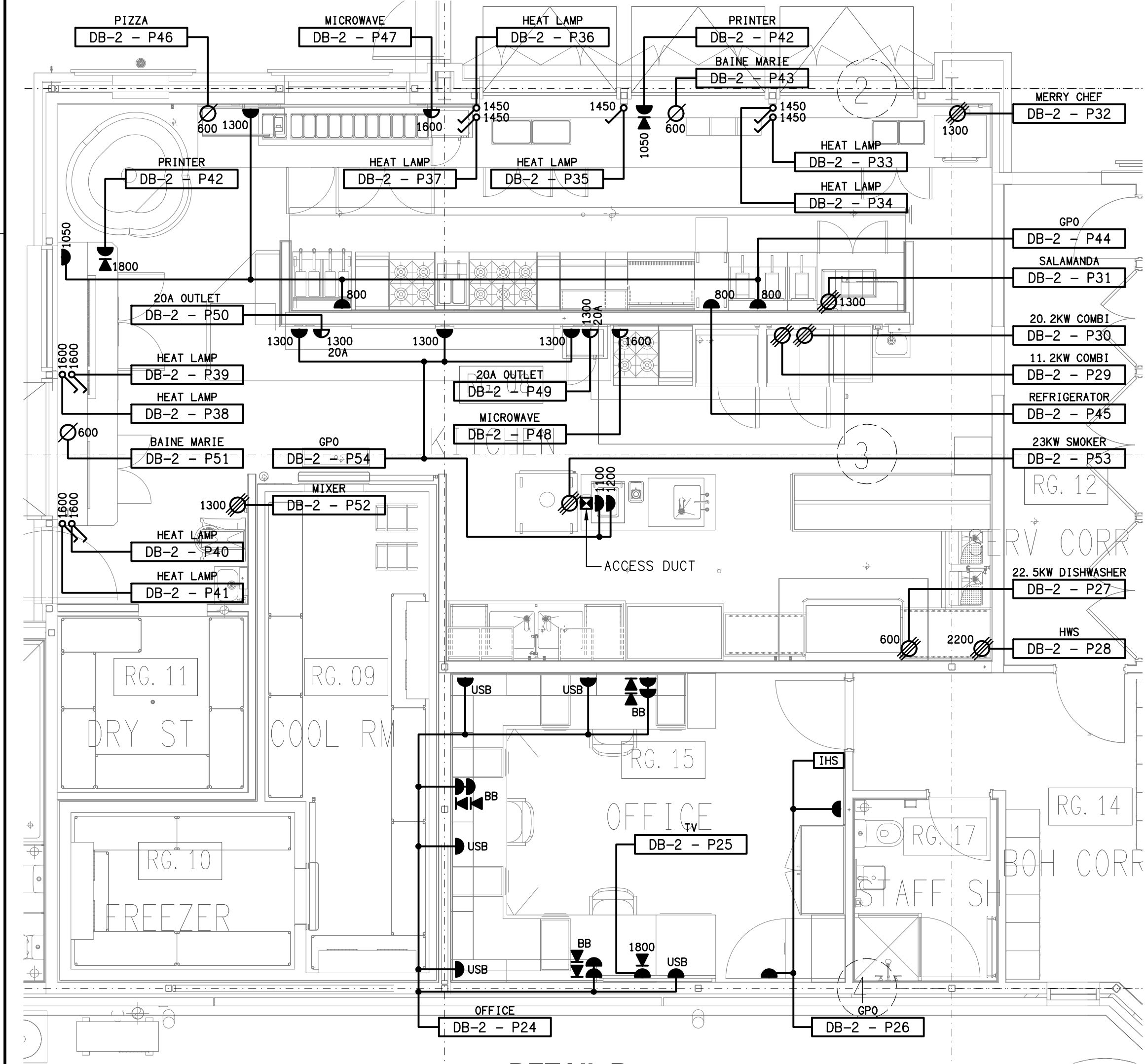




**DETAIL C**  
MAIN BAR FLOOR PLAN  
SCALE 1:50

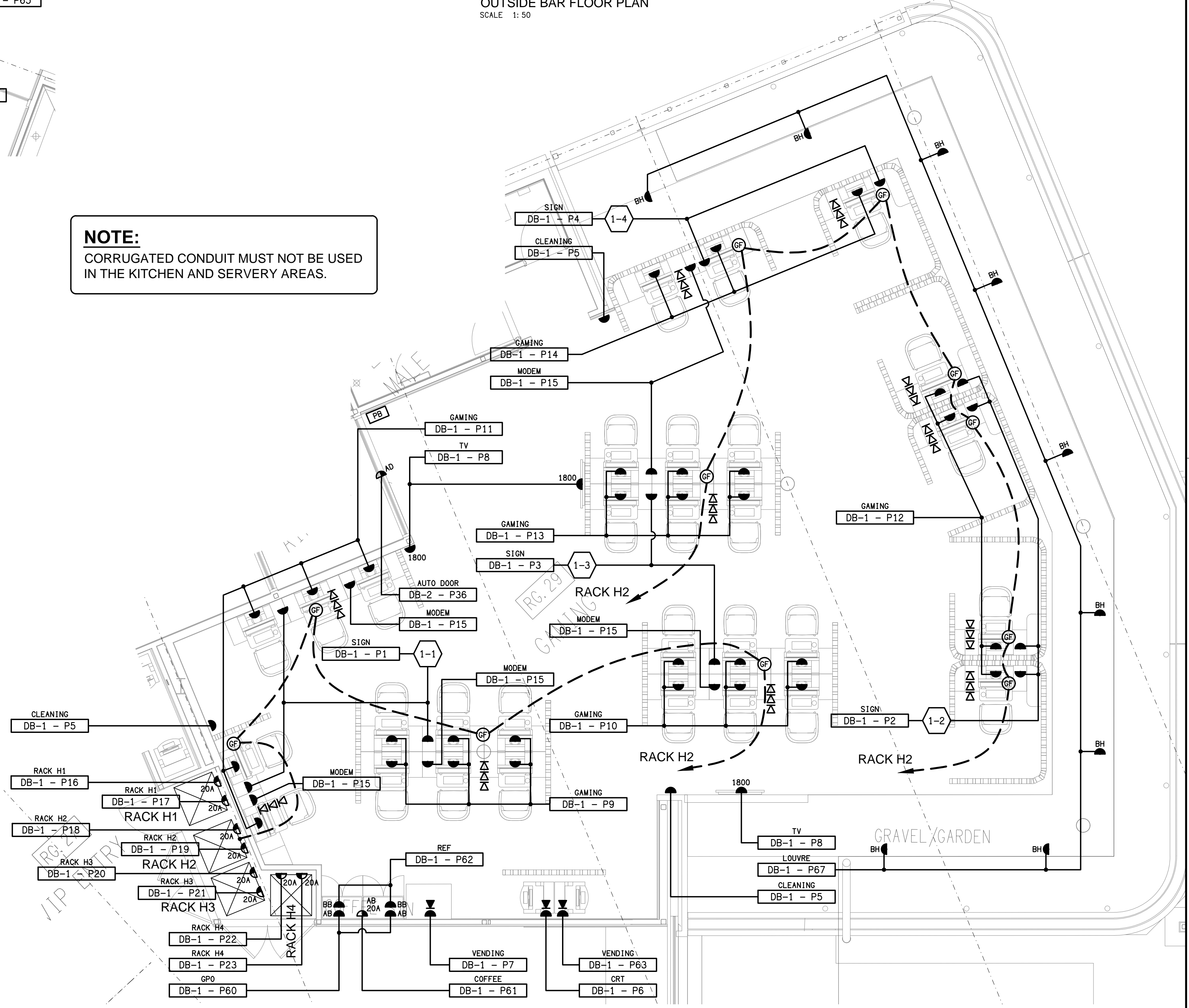


**DETAIL A**  
OUTSIDE BAR FLOOR PLAN  
SCALE 1:50



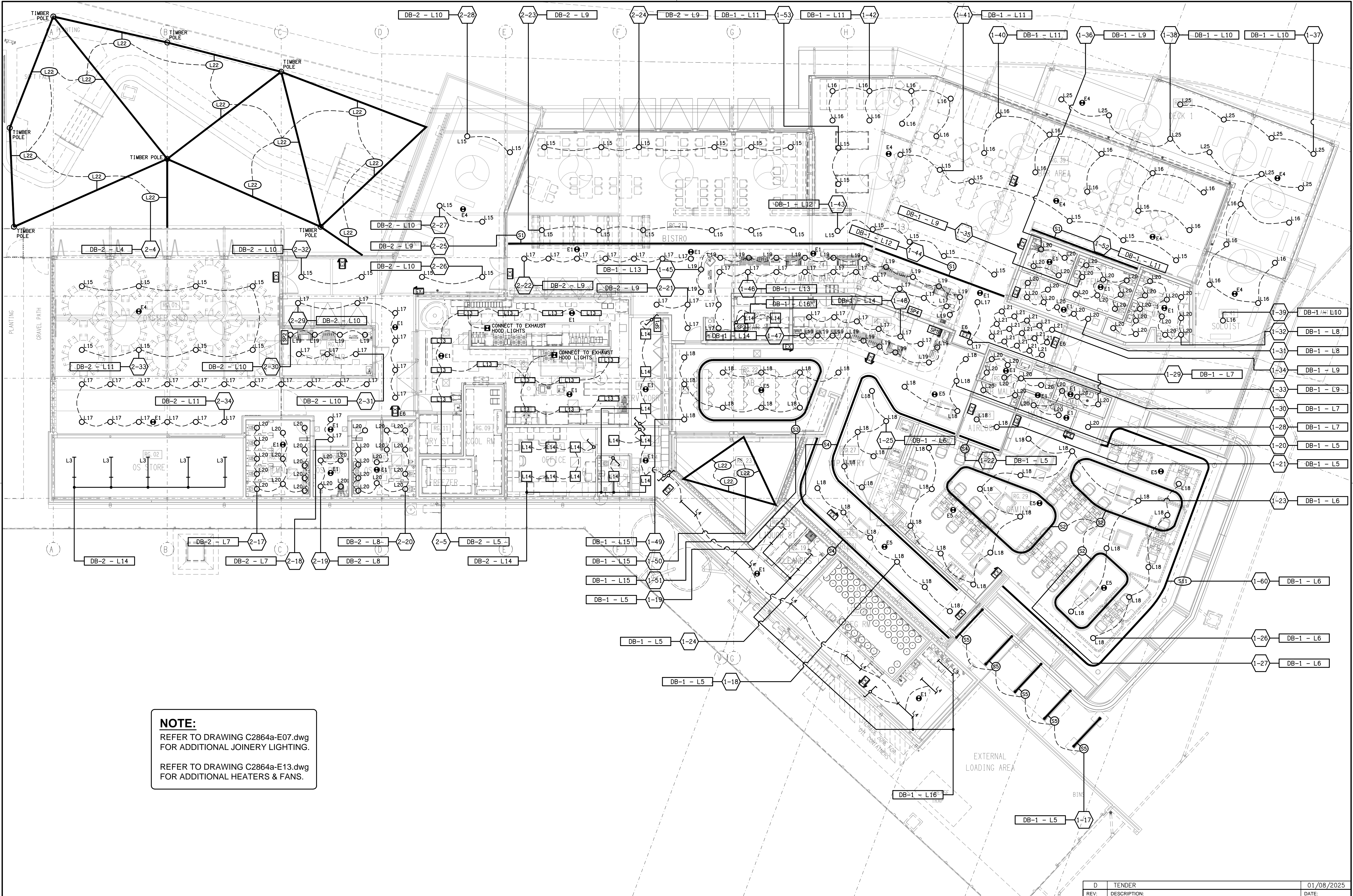
**DETAIL B**  
KITCHEN & OFFICE FLOOR PLAN  
SCALE 1:50

**NOTE:**  
CORRUGATED CONDUIT MUST NOT BE USED  
IN THE KITCHEN AND SERVERY AREAS.



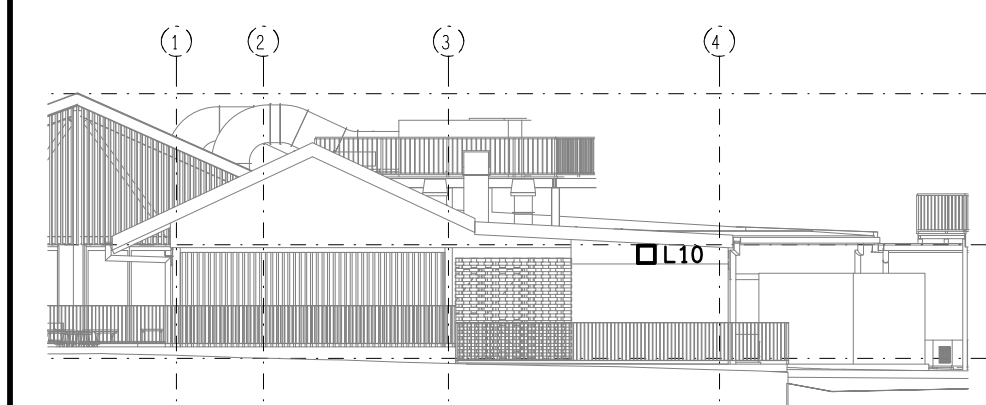
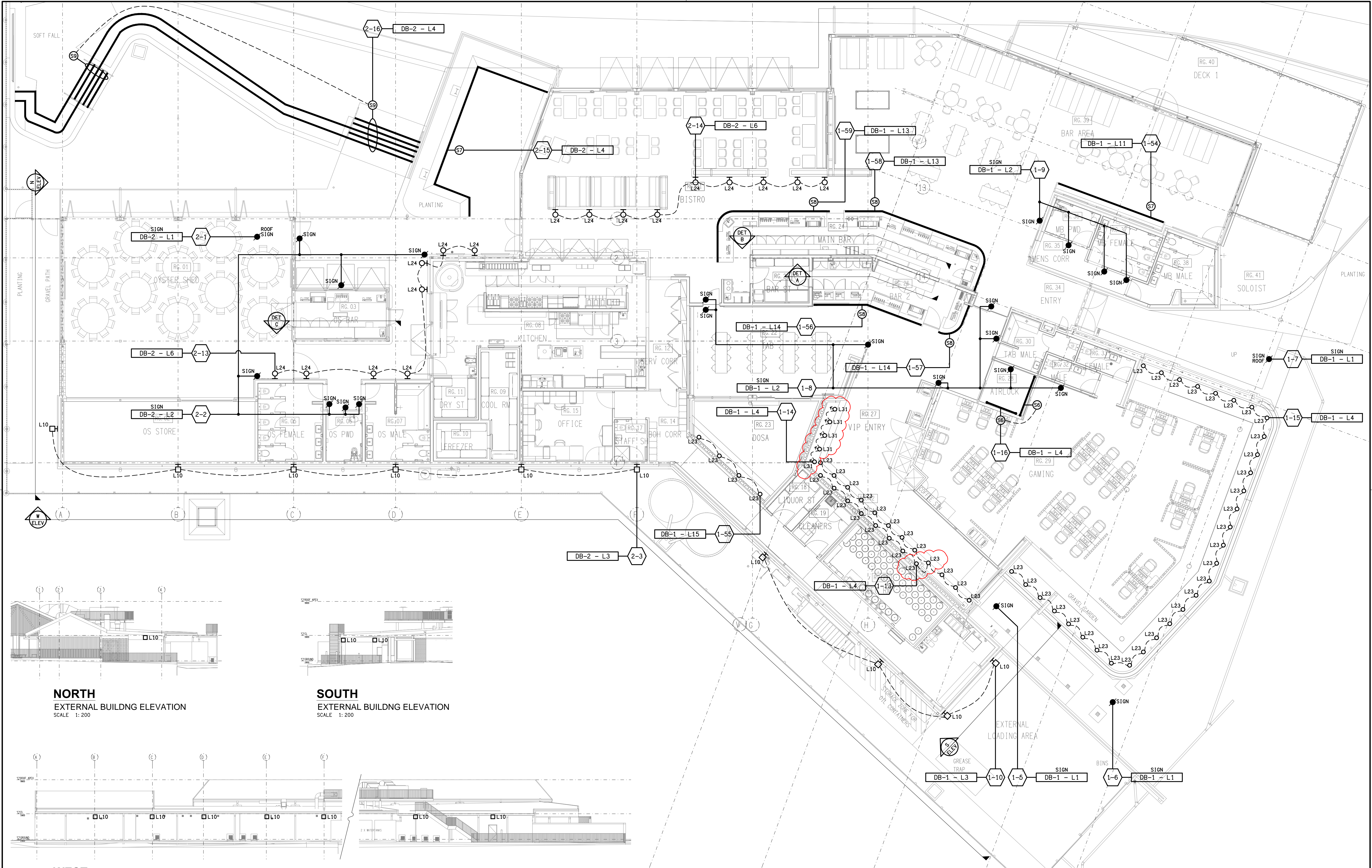
**DETAIL D**  
GAMING ROOM FLOOR PLAN  
SCALE 1:50





**NOTE:**  
REFER TO DRAWING C2864a-E07.dwg  
FOR ADDITIONAL JOINERY LIGHTING.  
  
REFER TO DRAWING C2864a-E13.dwg  
FOR ADDITIONAL HEATERS & FANS.

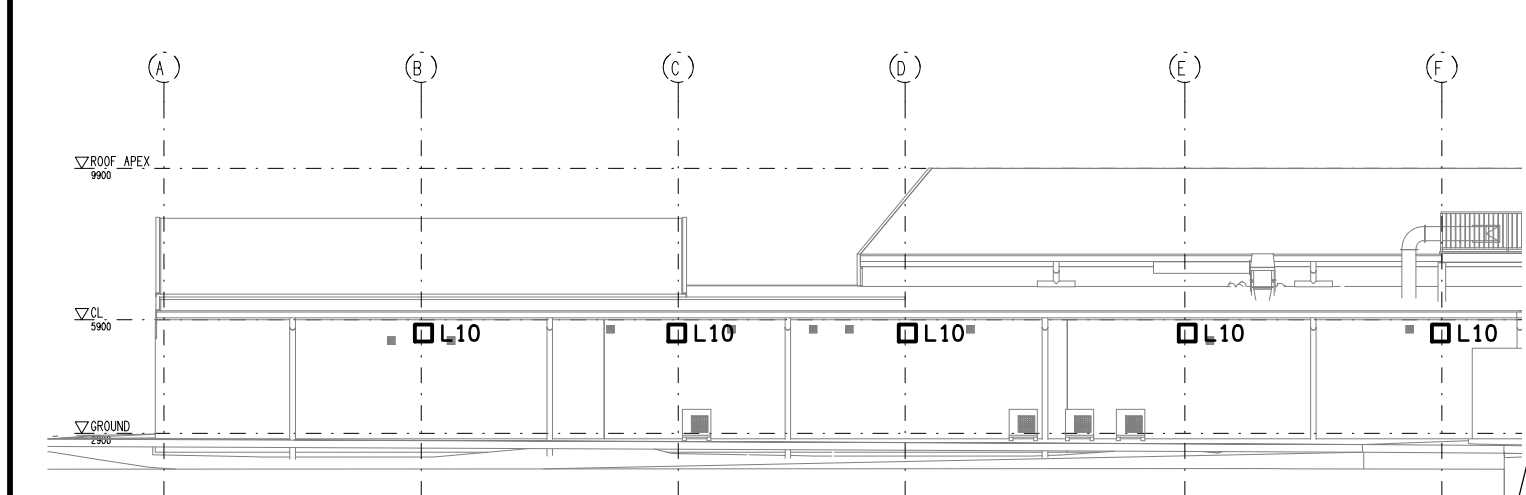




**NORTH**  
EXTERNAL BUILDING ELEVATION  
SCALE 1: 200

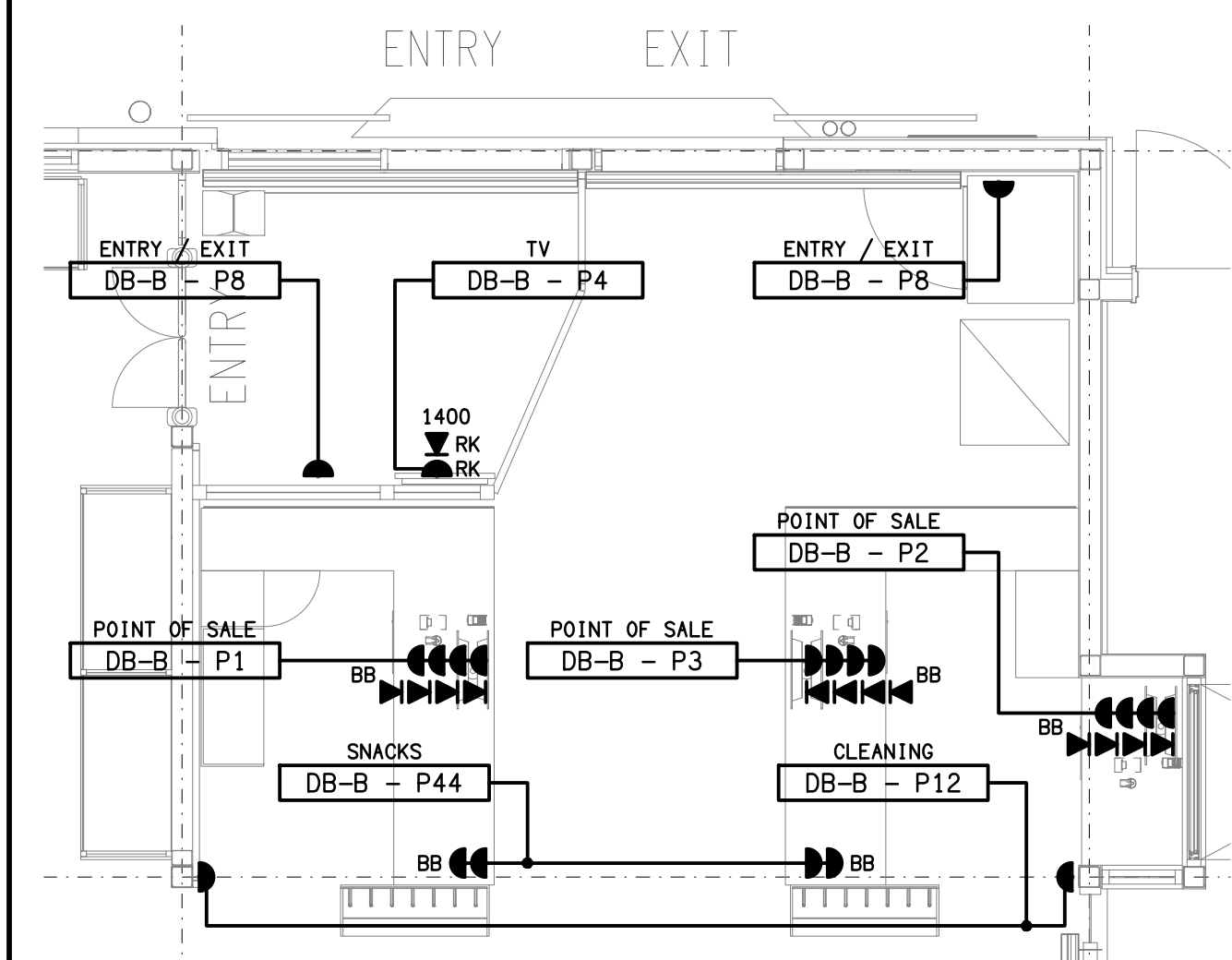


**SOUTH**  
EXTERNAL BUILDING ELEVATION  
SCALE 1: 200

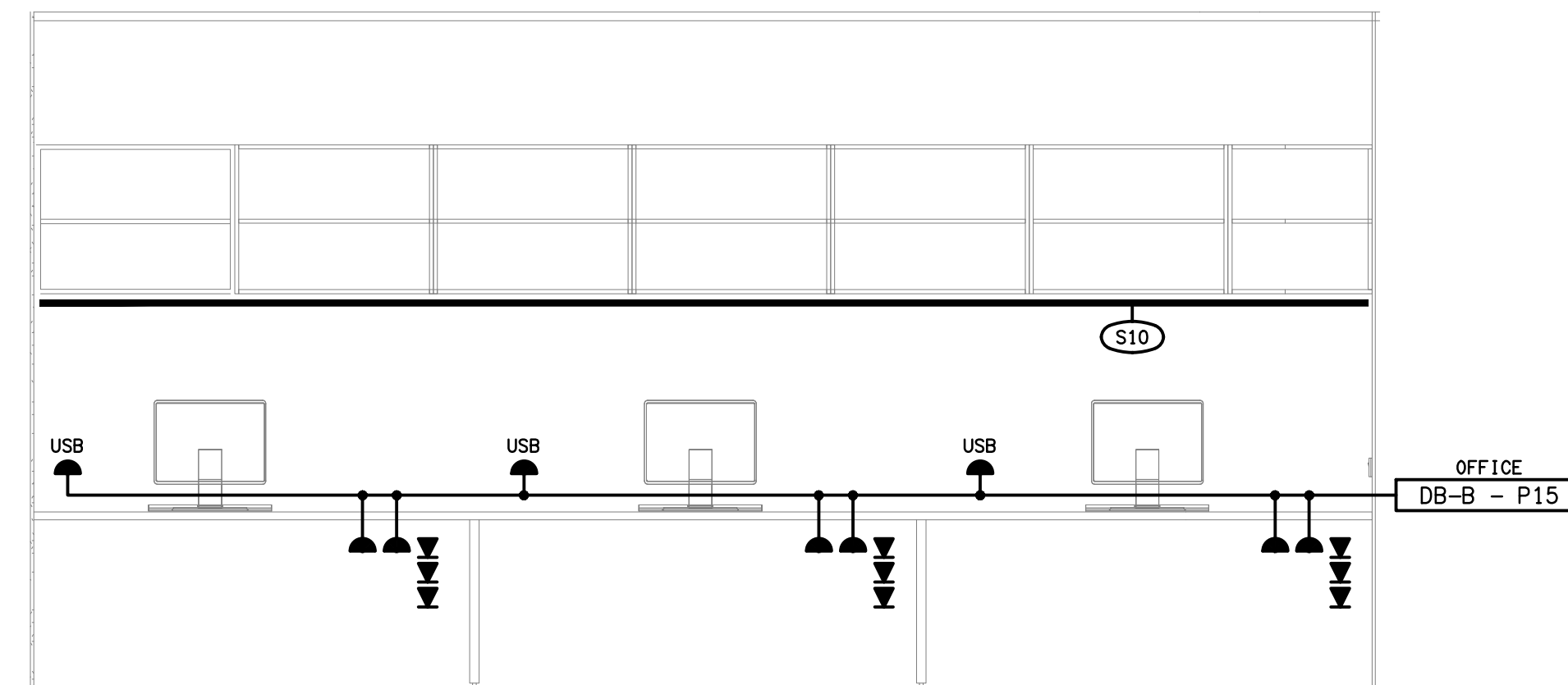


**WEST**  
EXTERNAL BUILDING ELEVATION  
SCALE 1: 200

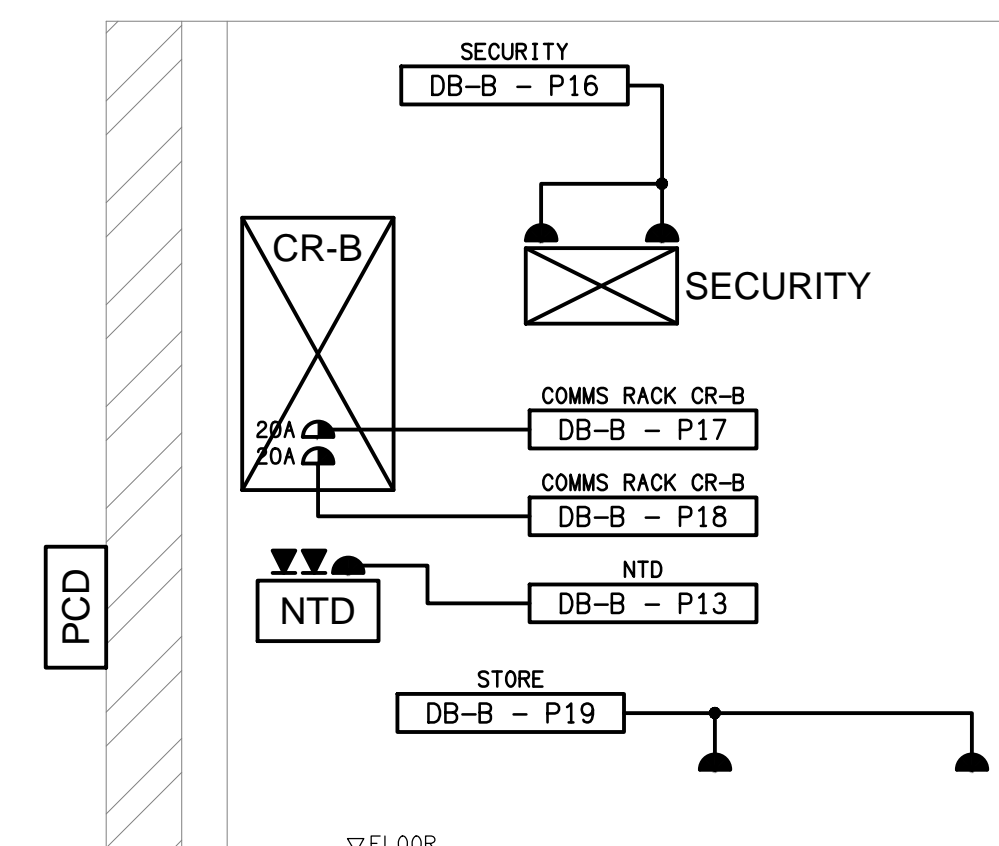




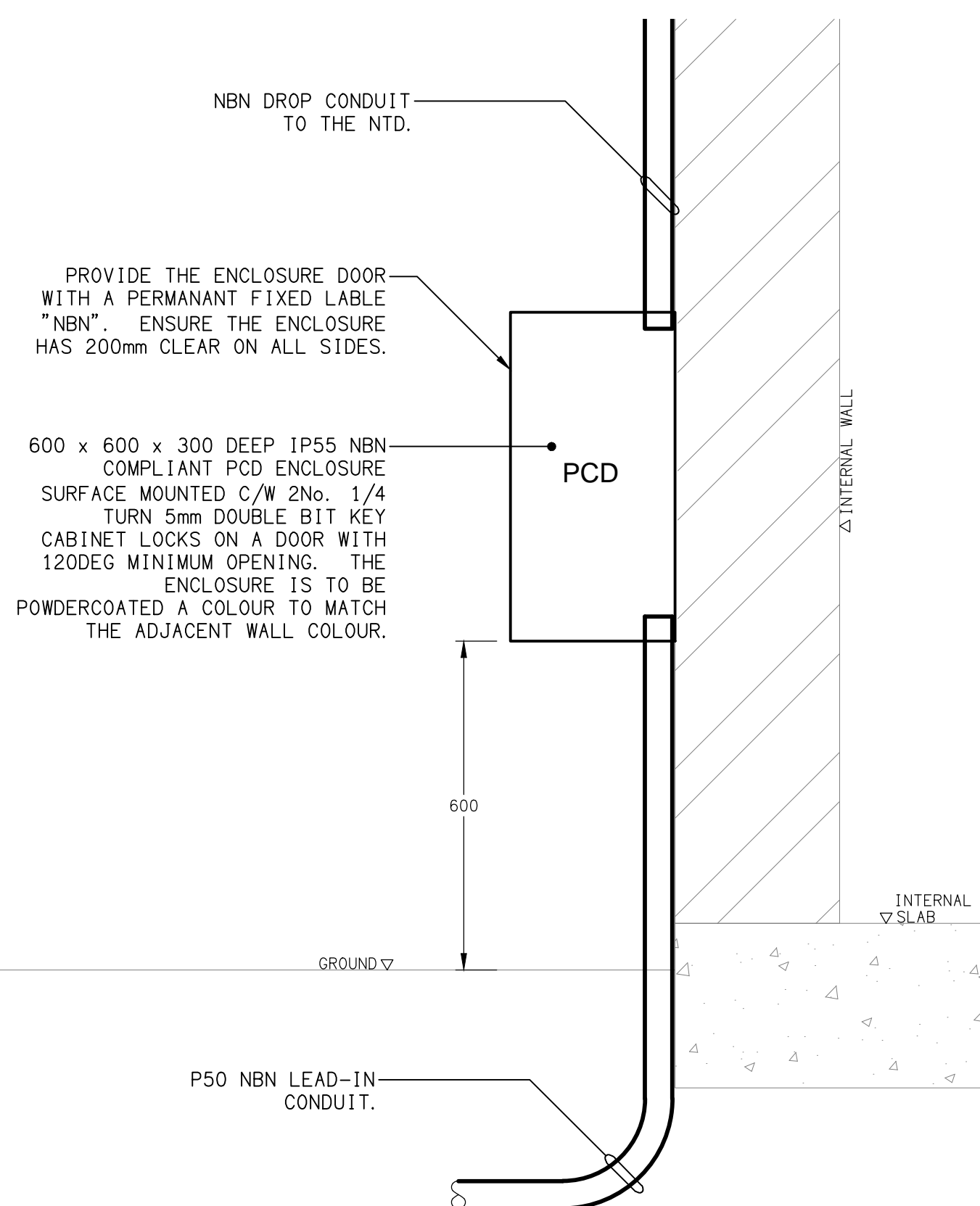
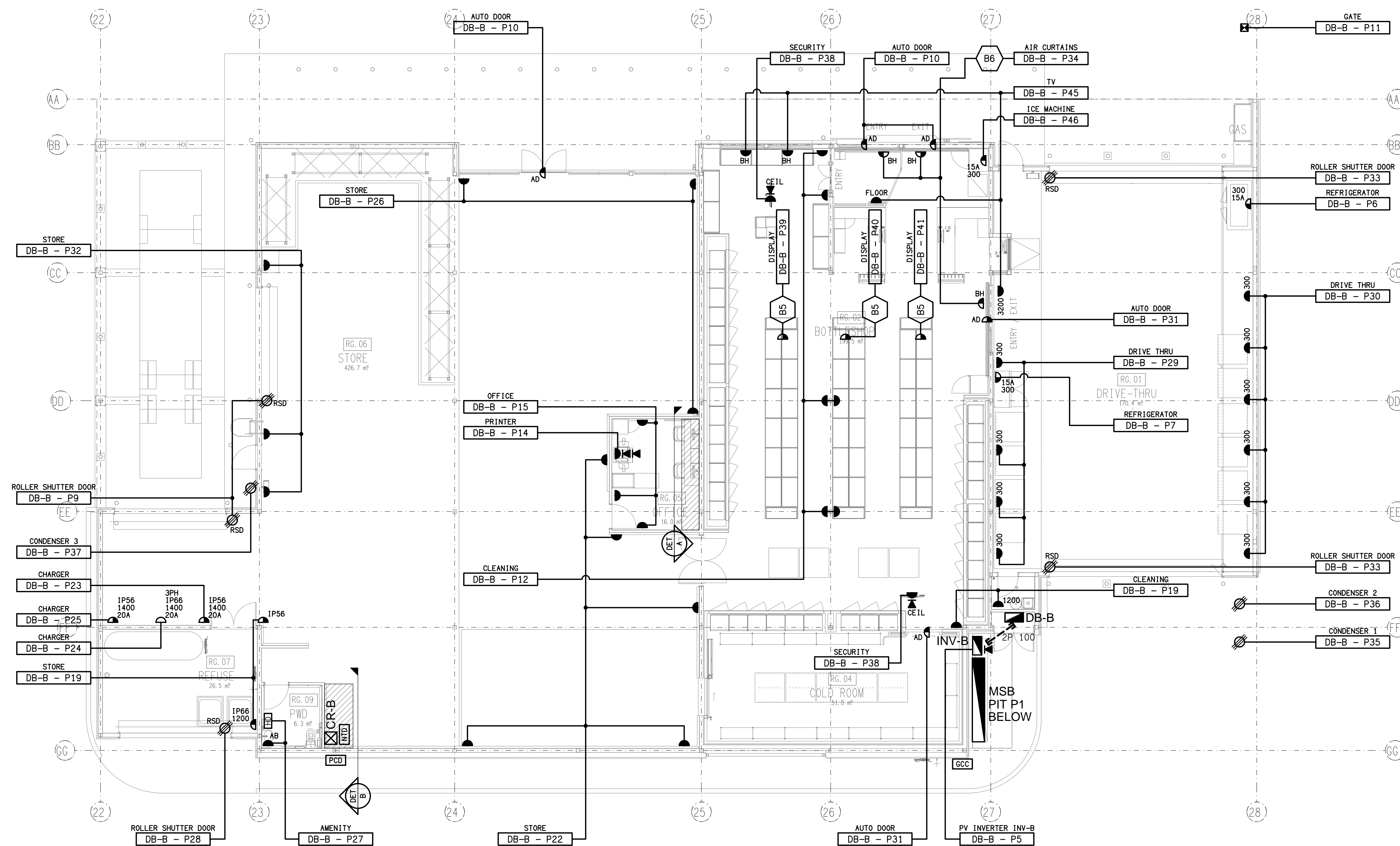
**DETAIL D**  
POINT OF SALE & ENTRY FLOOR PLAN  
SCALE 1: 50



**DETAIL A**  
OFFICE WORKSTATION ELEVATION  
SCALE 1: 25



**DETAIL B**  
COMMUNICATIONS WALL ELEVATION  
SCALE 1: 25



**DETAIL C**  
PCD MOUNTING  
NOT TO SCALE

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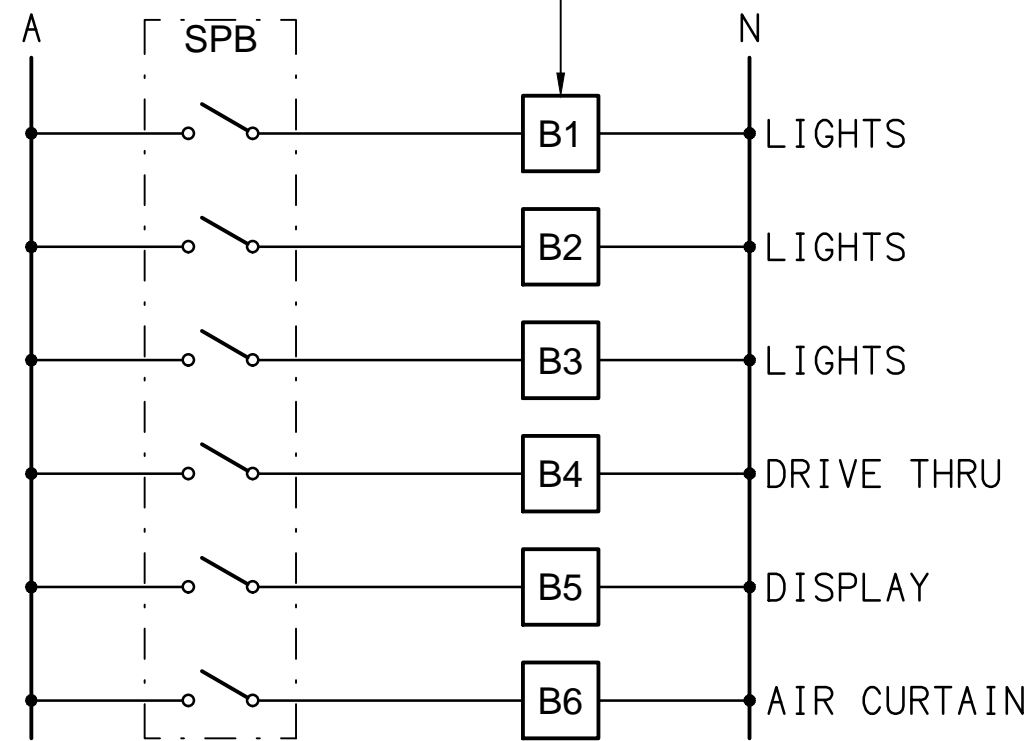
PROJECT:  
**DRY DOCK ROAD HOTEL,  
TWEED HEADS SOUTH**  
  
CORNER DOCK ROAD & FRASER DRIVE, NEW SOUTH WALES

D	TENDER	01/08/2025
REV.	DESCRIPTION:	DATE:

DRAWING:  
**ELECTRICAL SERVICES  
BOTTLE SHOP FLOOR PLAN**

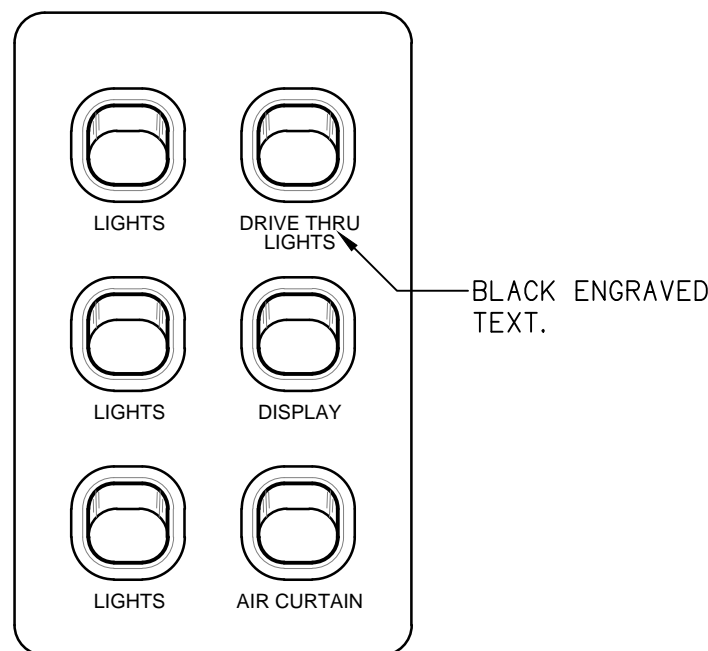
SCALE:	PROJECT NO:	DRAWING NO:	REVISION:
1:100 UNO AT A1	<b>C2864a</b>	<b>E08</b>	<b>D</b>

CONTACTORS TO CONTROL THE ASSOCIATED CIRCUITS NOMINATED IN THE DISTRIBUTION BOARD DB-B SCHEDULE.



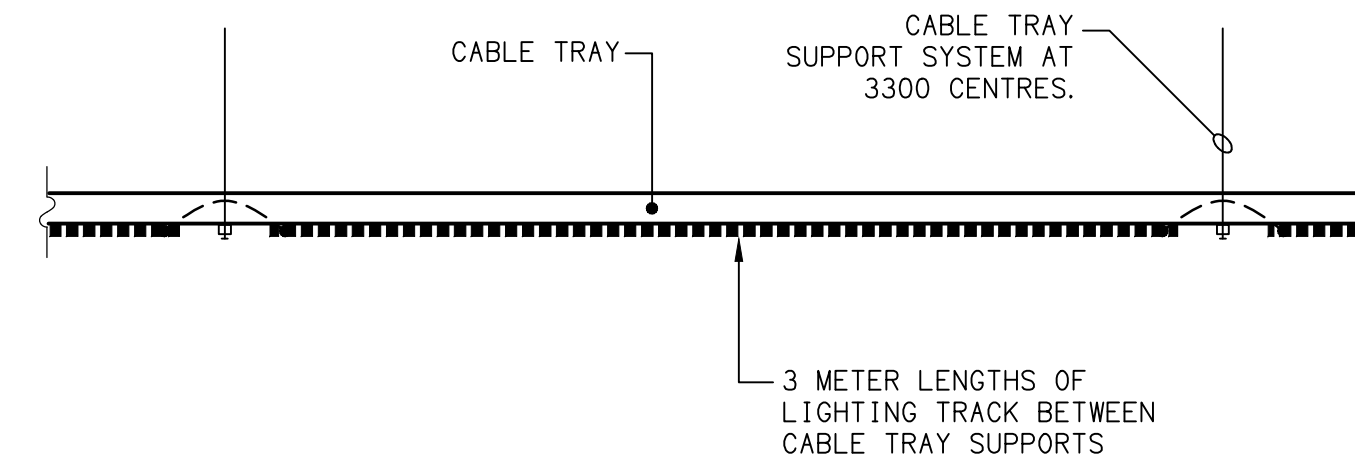
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SWITCHPANEL SPB CONFIGURATION  
NOT TO SCALE



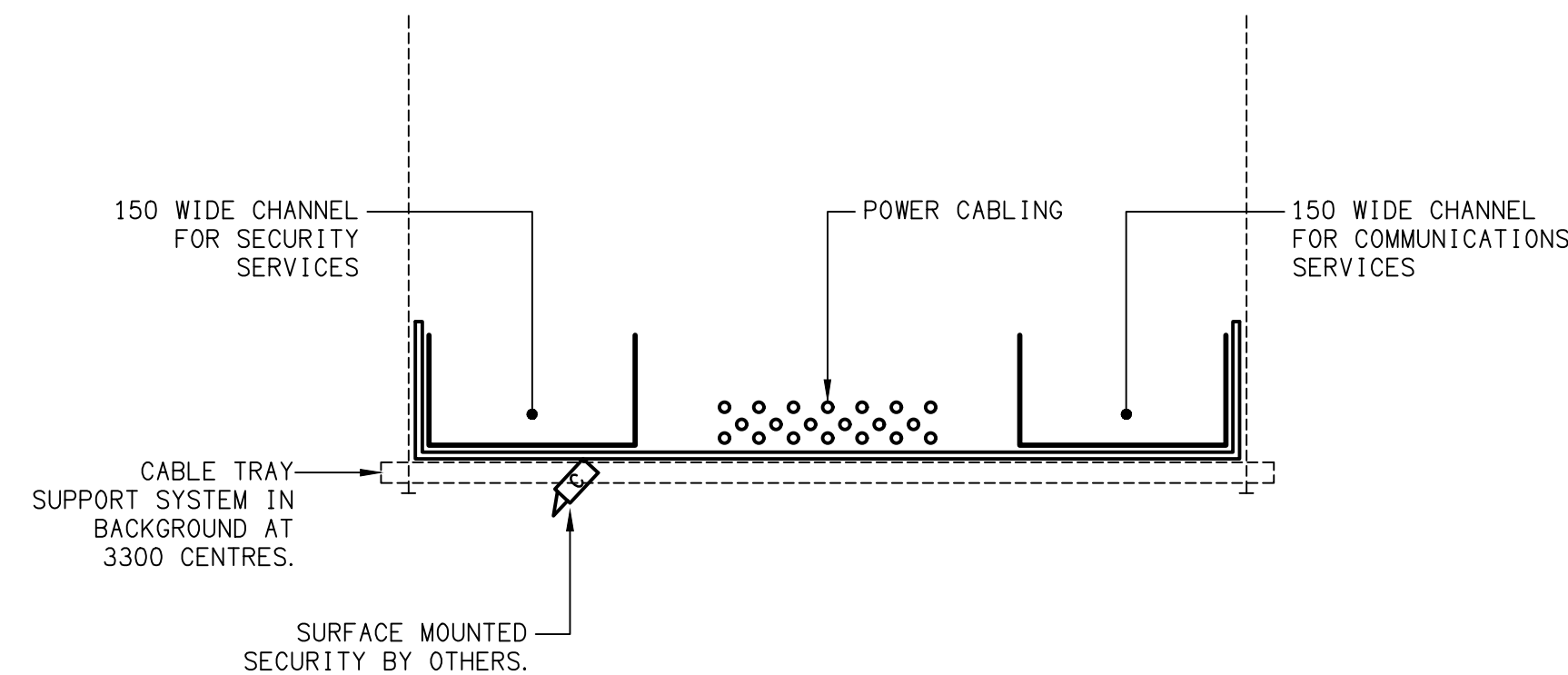
### DETAIL

SWITCHPANEL SPB ELEVATION  
NOT TO SCALE



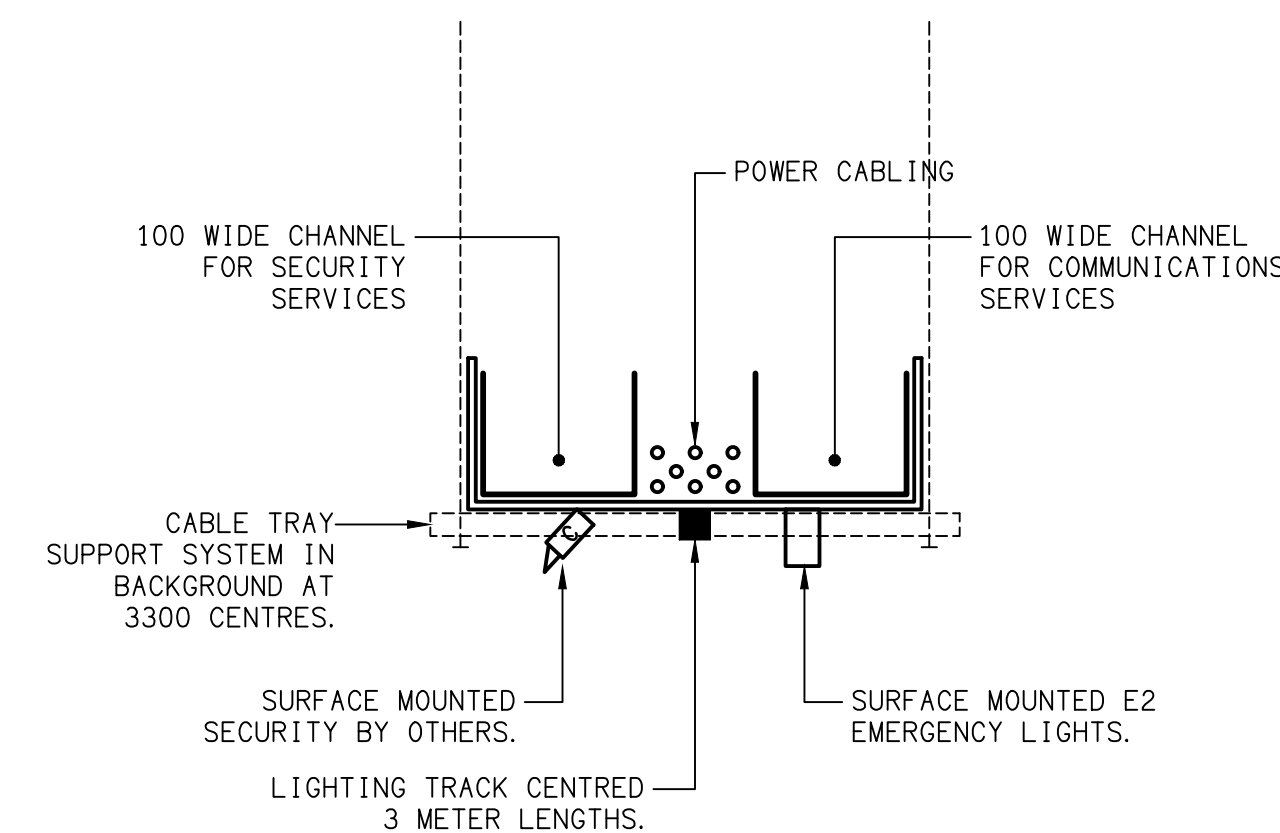
### DETAIL A

GENERIC CABLE TRAY LINEAR ELEVATION  
SCALE 1:25



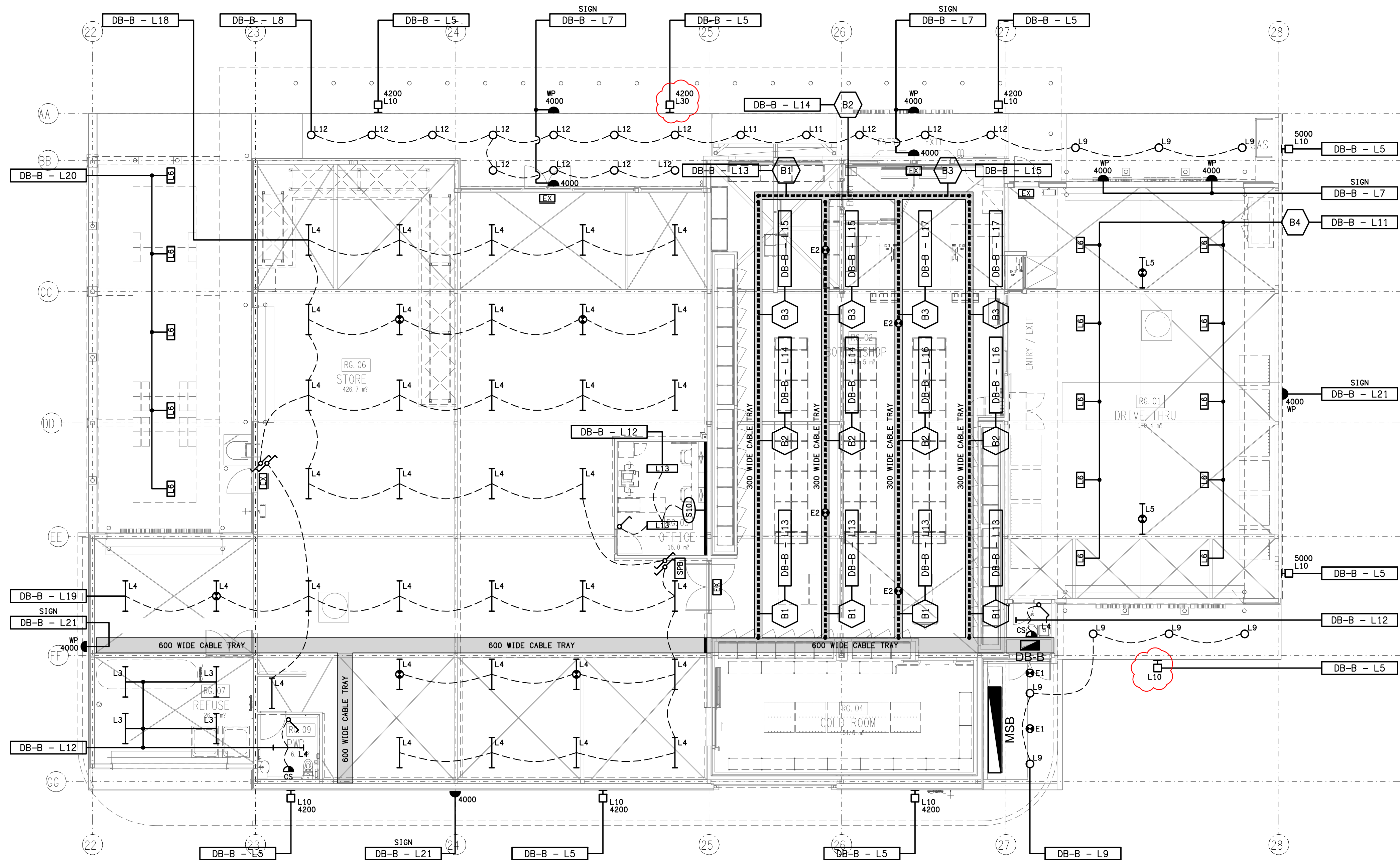
### DETAIL B

600 WIDE CABLE TRAY SECTION  
NOT TO SCALE



### DETAIL C

300 WIDE CABLE TRAY SECTION  
NOT TO SCALE



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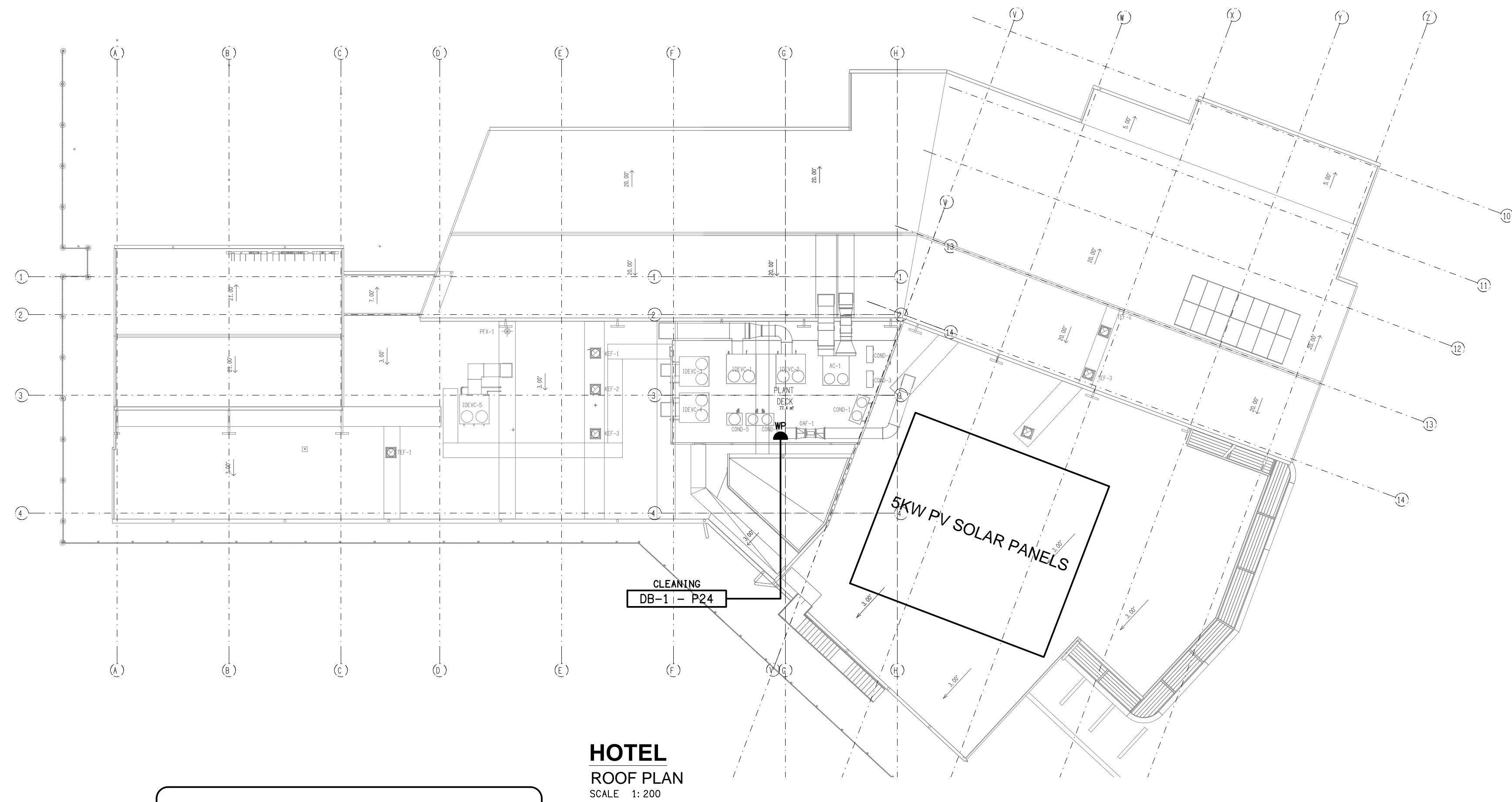
PROJECT:  
**DRY DOCK ROAD HOTEL,  
TWEED HEADS SOUTH**

CORNER DOCK ROAD & FRASER DRIVE, NEW SOUTH WALES

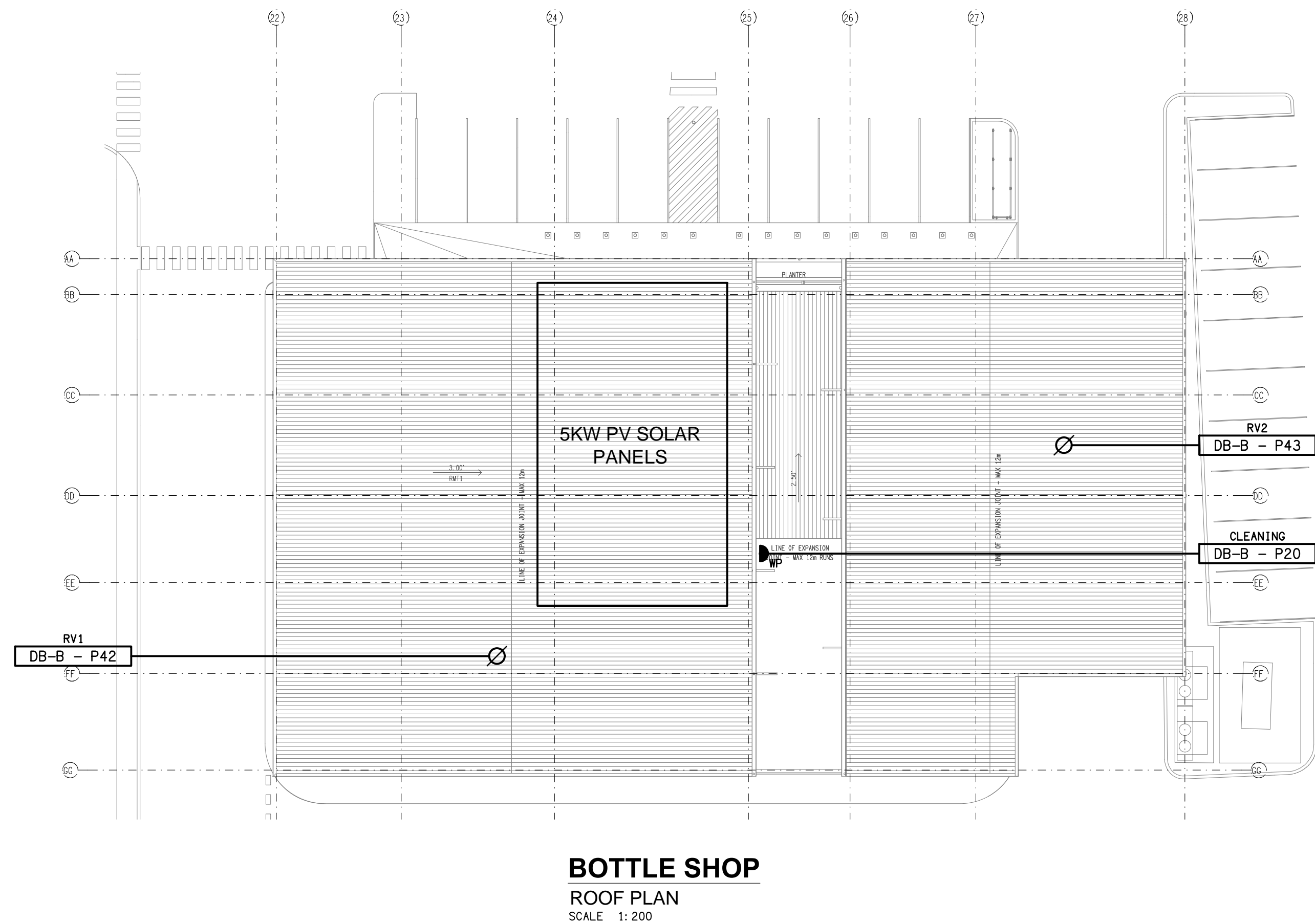
E	TENDER	22/08/2025
REV:	DESCRIPTION:	DATE:

DRAWING:  
**ELECTRICAL SERVICES  
BOTTLE SHOP REFLECTED CEILING PLAN**

SCALE: 1:100	AT A1	PROJECT NO: <b>C2864a</b>	DRAWING NO: <b>E09</b>	REVISION: <b>E</b>
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**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:
- 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.
  - SECURITY AND AV CABLING FOR USE BY THE SPECIALIST SECURITY AND AV CONTRACTOR.
  - AS CONSTRUCTED DOCUMENTS AND MAINTENANCE MANUAL.
  - OPERATOR TRAINING.

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.

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.

ON THE DAY THE FACILITY OPENS FOR TRADING THE ELECTRICAL SUB CONTRACTOR MUST PROVIDE AN ELECTRICIAN ON SITE FOR THE INITIAL 12 HOURS OF TRADING.

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.
  - ESSENTIAL ENERGY REQUIREMENTS.
  - AS/NZS3000.
  - AS3008.
  - LOCAL BRIGADE.
  - 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.
- NSW GOVERNMENT, DIVISION OF WORKPLACE, HEALTH AND SAFETY.
- NSW FIRE AND EMERGENCY SERVICES.

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.

NOTES

6. POWER DISTRIBUTION

ARRANGE WITH ESSENTIAL ENERGY TO HAVE A 630 AMP SUPPLY PROVIDED TO THE SITE FROM THE NEW KIOSK SUBSTATION. PROVIDE CONSUMERS MAINS FROM THE SUBSTATION TO A NEW MAIN SWITCHBOARD.

THE MSB IS TO CONTAIN SPACE FOR FOUR THREE PHASE CIRCUIT BREAKERS, SPACE FOR ENERGY MONITORING EQUIPMENT AND 24 SPARE DIN RAIL POLES FOR THE FUTURE CONNECTION SOLAR / BATTERIES AS PER J9D5 OF THE NCC BCA 2022. THE SPARE CIRCUIT BREAKER, ENERGY MONITORING EQUIPMENT AND DIN RAIL SPACES ARE TO BE LABELLED (RESERVED FOR SOLAR / BATTERIES).

PROVIDE THE SITE MAIN SWITCHBOARD (MSB) AS FOLLOWS:

- PLINTH MOUNTED MECHANICALLY FIXED TO THE WALL.
- NATIONAL ELECTRICITY MARKET (NEM) COMPLIANT RETAIL METERING.
- PROVIDE A COPY OF THE ESSENTIAL ENERGY APPROVAL OF THE MSB.
- MANUAL GENERATOR CHANGE OVER FACILITY WITH A MECHANICAL INTERLOCK BETWEEN THE MAINS AND GENERATOR SUPPLY.
- FACILITY TO CONNECT TEMPORARY GENERATOR MAINS OF THE SAME SIZE AS THE CONSUMERS MAINS THROUGH THE MSB PIT TO THE CHANGE OVER FACILITY.
- IP66 FORM 4A1H
- 316 STAINLESS STEEL OR ALUMINIUM ENCLOSURE, DOORS AND ESCUTCHEONS.
- CUSTOM COLOUR POWDER COATED ENCLOSURE AND DOORS WITH THE ARCHITECT NOMINATING THE COLOUR.

PROVIDE A FLASHING AROUND THE MSB TO THE SAME FINISH AS THE MSB DOORS SUCH THAT THERE ARE NO VISIBLE GAPS AROUND THE MSB.

- POWDER COATED GLOSS WHITE ESCUTCHEONS.
- ENSURE THE MSB IS DESIGNED TO OPERATE IN DIRECT SUNLIGHT WITH AN AMBIENT TEMPERATURE OF 45 DEGREES.
- DOORS ON ALL CUBICLES WITH 3 POINT 92268 KEY LOCKABLE FLUSH HANDLES OTHER THAN THE METER CUBICAL DOOR WHICH IS TO HAVE AN ESSENTIAL ENERGY PADLOCK.
- 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.
- ALL COMPONENTS ARE TO BE LABELLED WITH NON-STICK LABELS.
- ESSENTIAL ENERGY PADLOCK ON THE METER CUBICAL.
- TWO ESSENTIAL ENERGY PADLOCK KEYS AND TWO 92268 KEYS.

PROVIDE DISTRIBUTION BOARDS DB-B, DB-1 AND DB-2 AS FOLLOWS:

- WALL MOUNTED.
- IP44 FORM 1.
- LIGHT GREY ENCLOSURE WHITE ESCUTCHEON.
- 3 POINT 92268 KEY LOCKABLE FLUSH 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.

DO NOT USE CORRUGATED CONDUIT UNDER ANY BARS, SERVERIES, OR IN THE KITCHENS. ALL OUTLETS AND SWITCHES WITHIN THE KITCHENS ARE TO BE IP56 SERIES OR STAINLESS STEEL.

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

- POWER DISTRIBUTION.
- ESSENTIAL ENERGY NEGOTIATIONS AND APPLICATION.
- RETAIL METERING.
- CONSUMERS MAINS.
- MAIN SWITCHBOARD.
- SUBMAINS.
- DISTRIBUTION BOARDS.
- ELECTRIC VEHICLE CHARGING CONTROL SYSTEM.
- PV SYSTEMS INCLUDING THE ESSENTIAL ENERGY APPLICATIONS.
- CABLE ACCESS WAYS.
- CIRCUITS.
- ISOLATORS AND OUTLETS.
- TESTING AND COMMISSIONING.
- THERMOSCAN THE MSB AND ALL DISTRIBUTION BOARDS ONE WEEK AFTER PRACTICAL COMPLETION. PROVIDE A CHART RECORDING OF THE MAINS CURRENT, VOLTAGE, FREQUENCY FOR THE FIRST 14 DAYS FOLLOWING PRACTICAL COMPLETION AND SUBMIT THE THERMOSCAN CHART RECORDING AND FOR APPROVAL.

PROVIDE THE LIQUOR BARN AND THE HOTEL EACH WITH A 5KW SOLAR PHOTOVOLTAIC SYSTEM IN ACCORDANCE WITH THE CURRENT VERSION OF AS/NZS 4777.2:2020 AND AS/NZS :20215033 WITH THE PV INSTALLATION UNDERTAKEN BY AN ACCREDITED INSTALLER MEMBER OF THE CLEAN ENERGY COUNCIL.

PROVIDE PV PANELS WITH AN EFFICIENCY IN EXCESS OF 20% AND A MANUFACTURERS 15-YEAR PRODUCT WARRANTY AND A PERFORMANCE WARRANTY GUARANTYING 80% OF THE PANELS RATED OUTPUT AFTER 25 YEARS. PROVIDE AN INVERTER THAT HAS A WI FI INTERNET CONNECTION, A LOSS OF LESS THAN 5% AND A MANUFACTURERS PRODUCT WARRANTY OF 5 YEARS. PROVIDE THE PV SYSTEM DC AND AC CABLING THAT HAS A LESS THAN COMBINED LOSS LESS THAN 3%. PROVIDE SHOP DRAWINGS AND TECHNICAL DETAILS OF THE PV SYSTEM INCLUDING ALL COMPONENTS AND THE PV PANEL LAYOUT FOR APPROVAL.

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.
- CEILING FANS.
- HEATERS.
- LIGHTING SUBCIRCUITS.
- TESTING AND COMMISSIONING.

ALL LIGHT SOURCES ARE TO BE SOLID STATE WITH AN AVERAGE LIFE OF 50,000 HOURS AND A MANUFACTURERS WARRANTY OF 5 YEARS. THE FRONT OF HOUSE LIGHTING IS TO BE 3,000K AND THE BACK OF HOUSE LIGHTING 4,000K. COORDINATE THE FITTING COLOURS WITH THE ARCHITECTURE / INTERIORS.

PROVIDE DIMMING OF THE FRONT OF HOUSE LIGHTING UTILISING A PHILIPS DYNALITE CONTROL SYSTEM. ALL DIMMING IS TO BE VIA DALI. PHASE DIMMING TRAILING EDGE OR LEADING EDGE IS NOT ACCEPTABLE. ADDITIONALLY DALI TO PHASE DIMMING CONVERTS ARE NOT ACCEPTABLE.

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.)

NOTES

7. LIGHTING CONTINUED

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 MOUNTED IN EACH DB IN ACCORDANCE WITH AS 2293.1.

8. COMMUNICATIONS CABLING

THE COMMUNICATIONS CABLING COMPONENT OF THIS CONTRACT INCLUDES THE PROVISION OF A NEW NBN SERVICE TO THE SITE PCD MOUNTED ON THE EXTERNAL BOTTLE SHOP WALL WITH AN NBN NTD LOCATED ADJACENT THE BOTTLE SHOP RACK CR-B. ARRANGE FOR THE NBN SERVICES TO BE INSTALLED INCLUDING ALL CABLE ACCESS WAYS AND DOCUMENTATION IN ACCORDANCE WITH THE NBN REQUIREMENTS. PROVIDE THE HOTEL WITH FOUR WHEELED FULL HEIGHT COMMUNICATIONS RACKS AND THE BOTTLE SHOP WITH A 22RU HINGED WALL MOUNTED COMMUNICATIONS RACK. PROVIDE A GEL FILLED 12 CORE OS2 FIBRE CABLE FULLY TERMINATED WITH LC TERMINATIONS FROM A FOBOT IN CR-B TO A FOBOT IN CR-H1.

PROVIDE THE COMMUNICATIONS CABLING COMPONENT OF THIS CONTRACT AS A COMMSCOPE OR MOLEX CAT 6 INSTALLATION WITH A 15 YEAR MANUFACTURERS PERFORMANCE WARRANTY. THE COMMUNICATIONS CABLING IN THE BOTTLE SHOP IS TO BE RUN TO PATCH PANELS WITHIN RACK CR-B AND THE COMMUNICATIONS CABLING IN THE HOTEL IS TO BE RUN TO PATCH PANELS WITHIN RACK CR-H1.

THE GAMING OUTLET CABLING IS TO BE RUN TO PATCH PANELS WITHIN RACK CR-H2. THE GAMING DUPLEX FIBRE IS TO BE RUN TO CR-H2. RACKS CR-H3 AND CR-H4 ARE TO BE USED BY THE SECURITY AND AV CONTRACTORS.

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

- NBN APPLICATION AND LEADIN SERVICES.
- NBN CABLE ACCESS WAYS INCLUDING THE PCD AND NTDs.
- COMMUNICATIONS RACKS.
- FIBRE CABLING AND FOBOTS.
- CAT 6 COMMUNICATIONS OUTLETS AND CABLING.
- CAT 6 GAMING OUTLETS AND CABLING.
- CAT 6 PATCH PANELS.
- INSTALLATION OF THE GAMING DUPLEX FIBRE.
- CABLE ACCESS WAYS.
- TESTING AND COMMISSIONING.
- AV AND SECURITY CABLING.

IN ADDITION TO THE COMMUNICATIONS OUTLETS SHOWN ON THE DRAWINGS ALLOW AN ADDITIONAL 24 COMMUNICATIONS OUTLETS WITH THE POSITIONS NOMINATED BY THE OPERATOR PRIOR TO ROUGHIN FOR WAPS, AUDIO CONTROLS ETC.

ALL ACTIVE EQUIPMENT, FLY LEADS AND PATCH LEADS WILL BE PROVIDED BY THE OPERATOR.

PROVIDE AV AND SECURITY CABLING AS PER THE FOLLOWING DOCUMENTATION WITH THE CABLING TO BE TERMINATED AND USED BY THE SPECIALIST AV / SECURITY CONTRACTOR:

- DRY DOCK HOTEL AV CABLE SCHEDULE DATED 03 JULY 2025.
- CABLE LIST.
- GC SOL LEGEND SHEET 1 OF 1.
- GC SOL PLAN DRY DOCK HOTEL SHEETS 1 THROUGH 8 DATED 02 JULY 2025.

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.
- HWS - HOT WATER SYSTEM.
- 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.
- RCBO - CIRCUIT PROTECTED VIA A 30mA RESIDUAL CURRENT DEVICE INTEGRAL TO THE CIRCUIT BREAKER. 3-PHASE RCBO TO BE 4-POLE.
- REF - REFRIGERATOR.
- SUS - MOUNT SUSPENDED FROM CEILING.
- UNO - UNLESS NOTED OTHERWISE.
- WP - WEATHERPROOF TO IP56 UNO.
- 500 - NUMBER DENOTES MOUNTING HEIGHT AFFL.

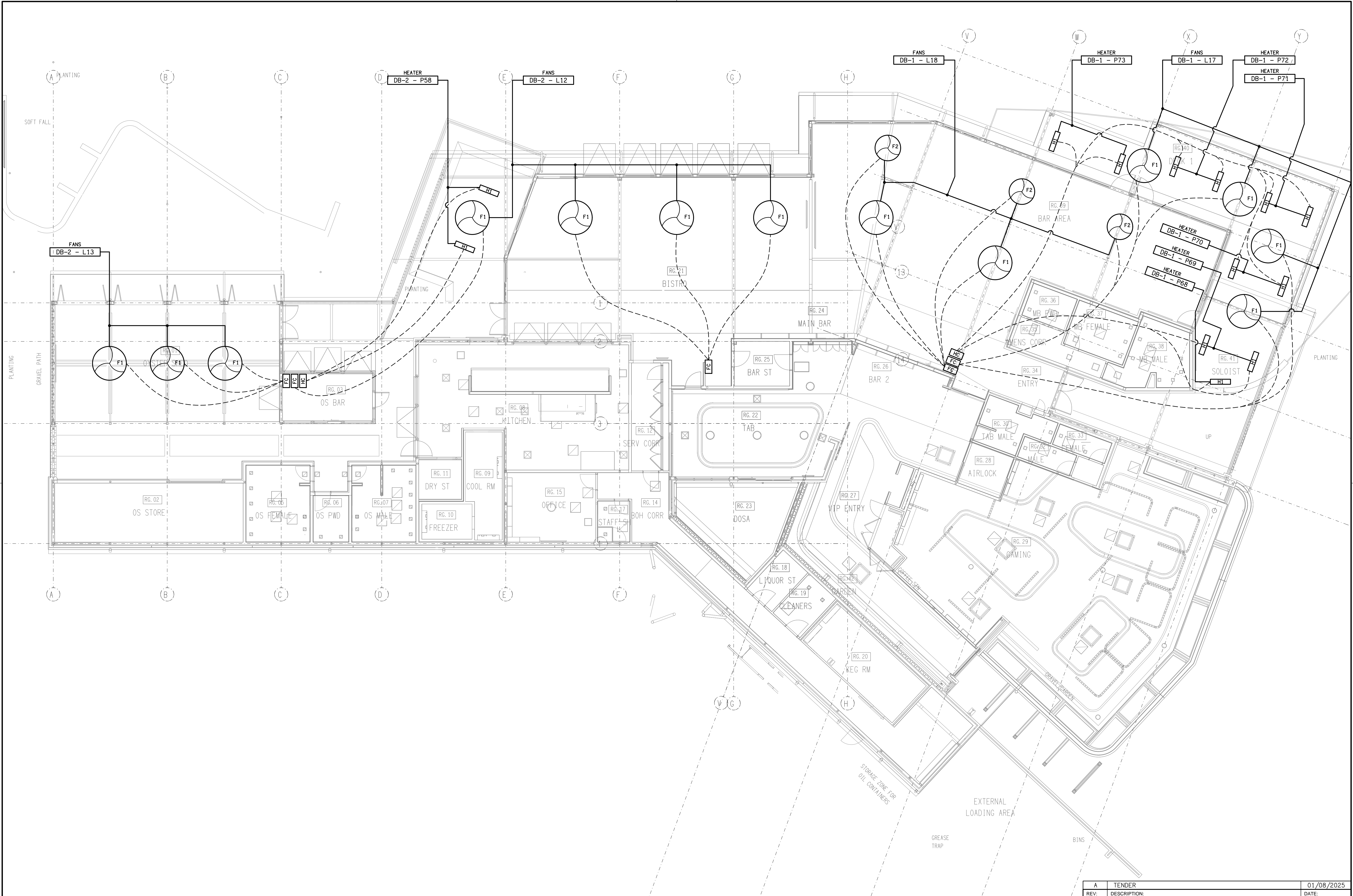
<div>ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793</div> <div>TRADING AS: ELECTRICAL DESIGN GROUP</div>		<div>THE COPYRIGHT OF THIS DRAWING REMAINS THE PROPERTY OF THE ELECTRICAL DESIGN GROUP.</div> <div>USE FIGURED DIMENSIONS IN PREFERENCE TO SCALE.</div> <div>ALL DIMENSIONS TO BE VERIFIED ONSITE.</div>		<div><div><div><div></div></div><div>ELECTRICAL DESIGN GROUP</div></div><div>ELECTRICAL BUILDING SERVICES CONSULTANTS</div><div>BRISBANE GOLD COAST</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>PROJECT: DRY DOCK ROAD HOTEL, TWEED HEADS SOUTH</div> <div>CORNER DOCK ROAD &amp; FRASER DRIVE, NEW SOUTH WALES</div>		<div>B TENDER</div> <div>01/08/2025</div>	
								<div>REV: DESCRIPTION:</div> <div>DATE:</div>	
<div>DRAWING: ELECTRICAL SERVICES NOTES</div> <div>SCALE: NOT TO SCALE AT A1</div> <div><div>PROJECT NO: C2864a</div><div>DRAWING NO: E12</div><div>REVISION: B</div></div>									



**ELECTRICAL DESIGN GROUP**  
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			REV: DESCRIPTION: DATE:		
			DRAWING: <b>ELECTRICAL SERVICES HOTEL HEATER &amp; FAN PLAN</b>		
			SCALE: 1:100	AT A1	PROJECT NO: <b>C2864a</b>
CORNER DOCK ROAD & FRASER DRIVE, NEW SOUTH WALES					