



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375

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C3031a - CURRUMBIN WILDLIFE SANCTUARY - AUSTRALIANA PRECINCT

C3031a-0001(E).xls

ELECTRICAL SERVICES CONTRACT DOCUMENT SCHEDULE

REVISION E - 07 NOVEMBER 2023

ISSUING INFORMATION				DATE OF ISSUE							
	DAY	31	11	28	07						
	MONTH	07	08	08	11						
	YEAR	23	23	23	23						
	REASON FOR ISSUE	T	T	T	C						
A = APPROVAL    C = CONSTRUCTION    N = COORDINATION    P = PRELIMINARY    T = TENDER											

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DOCUMENTS		REVISION									
C3031a-E01.dwg	LEGEND & LOCATION PLAN	B	C	D							
C3031a-E02.dwg	AUSTRALIANA PRECINCT PLAN	A	B		C						
C3031a-E03.dwg	HOMESTEAD PLANS	A	B	C							
C3031a-E04.dwg	HOMESTEAD KITCHEN PLAN & DETAILS	A	B								
C3031a-E05.dwg	PETTING FARM & TRACTOR RIDE PLANS	A	B								
C3031a-E06.dwg	NOTES	B	C		D						
C3031a-E07.dwg	DETAILS & SCHEMATICS	B	C								
C3031a-0001.xls	CONTRACT DOCUMENT SCHEDULE	B	C	D	E						
C3031a-0002.xls	EQUIPMENT SCHEDULE	A	B	C							
C3031a-0005.xls	LIGHTING CONTROL SCHEDULE	A	B								
C3031a-0006.xls	DISTRIBUTION BOARD DB-A SCHEDULE	A	B	C	D						
C3031a-0007.xls	DISTRIBUTION BOARD DB-B SCHEDULE	A	B		C						
C3031a-0008.xls	DISTRIBUTION BOARD DB-C SCHEDULE	A	B								
C3031a-0001.zip	FITTING & OUTLET DATASHEETS	A	B	C							



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### ELECTRICAL EQUIPMENT SCHEDULE

REVISION C - 28 AUGUST 2023

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	40W 4000K LED	1200 X 300 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER MOUNTED IN A FLUSH RECESSED PLASTER BOARD KIT	WHITE TRIM	GAMMA ILLUMINATION PHANTOM 884501	A
L2	8W 3000K 240V E27 FILAMENT LED ST64FL-8WE01	600 DIA PENDANT C/W CUSTOM TIMER MOUNTING BLOCK CONFIRM THE SUSPENSION ON SITE WITH THE CLIENT	FLAT BLACK ACE	BARN LIGHT AU-S-WHS60	A
L3	8W 3000K 240V E27 FILAMENT LED ST64FL-8WE01	WALL / COLUM MOUNTED FITTING. CONFIRM THE MOUNTING HEIGHT ON SITE WITH THE CLIENT ON SITE	FLAT BLACK ACE	BARN LIGHT AU-GFZ-SYD CLEAR GLASS AND G4 ARM	A
L4	28W 4000K LED	WALL MOUNTED IP65 BUNKER C/W INTEGRAL DRIVER	BLACK	GAMMA ILLUMINATION DOCK BOX 1338-4K-28W	A
L5	36W LED 4000K	1200 LONG SURFACE MOUNTED IP65 DIFFUSED BATTEN C/W INTEGRAL ELECTRONIC CONTROL GEAR AND PRESENCE DETECTION SENSOR	LIGHT GREY	GAMMA ILLUMINATION STORM 1558-CCT-36W-MS	A
L6	WARM WHITE LED	THREE HORIZONTAL LED STRIPS WITHIN AN ALUMINIUM EXTRUSION MOUNTED WITHIN THE REAR COUNTER DISPLAY AS PER THE ARCHITECTURAL DETAIL PROVIDE THE STRIP WITH A COMMON REMOTE DEDICATED 240-12V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT PER 20M OF STRIP	NATURAL	NEON PRODUCTS AUSTRALIA LF-DFB-WW-300-12 + PR-LIN172153-F	A
L7	WARM WHITE LED	HORIZONTAL LED STRIP WITHIN AN ALUMINIUM EXTRUSION MOUNTED WITHIN THE CEILING COFFER PELMET AS PER THE ARCHITECTURAL DETAIL PROVIDE THE STRIP WITH A COMMON REMOTE DEDICATED 240-12V POWER SUPPLY AND A DALI DIMMABLE INTERFACE UNIT PER 20M OF STRIP	NATURAL	NEON PRODUCTS AUSTRALIA LF-DFB-WW-300-12 + PR-LIN172153-F	A
L8	2 X 3000K LED	TWIN HEAD DECORATIVE WALL LIGHT C/W REMOTE DALI DIMMABLE DRIVER CONFIRM THE MOUNTING HEIGHT ON SITE WITH THE CLIENT	POLISHED CHROME	LUMEN 8 CWS L8	B
L9	8W 3000K 240V E27 FILAMENT LED ST64FL-8WE01	WALL / MOUNTED FITTING. CONFIRM THE MOUNTING HEIGHT ON SITE WITH THE CLIENT ON SITE	WHITE	LIGHTING STYLE 19115	B
L10	9 X 3000K LED	FUNCTION NINE ARM / LAMP ROOM CHANDELIER ALLOW TO ASSEMBLE AND INSTALL REMOTE DALI DIMMABLE DRIVER CONFIRM THE FINAL MOUNTING HEIGHT ON SITE WITH THE CLIENT CUSTOM MOUNT	POLISHED CHROME	LUMEN 8 CWS L10	B
L11	60W 4000K LED	RECESSED ADJUSTABLE 55 DEG BEAM DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	WHITE TRIM	GAMMA ILLUMINATION MATRIX 1091-VWFL-4K-60W	A

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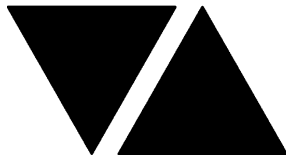
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REVISION C - 28 AUGUST 2023

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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
L12	8W 3000K 240V E27 FILAMENT LED ST64FL- 8WE01	WALL / MOUNTED FITTING. CONFIRM THE MOUNTING HEIGHT ON SITE WITH THE CLIENT ON SITE	LEXICON QUARTER MATT	LIGHTING STYLE 19115	B
L13	8W 3000K 240V E27 FILAMENT LED ST64FL- 8WE01	43 CM SHADE WALL / MOUNTED FITTING. CONFIRM THE MOUNTING HEIGHT ON SITE WITH THE CLIENT ON SITE	LEXICON QUARTER MATT	LIGHTING STYLE 19115	B
L14	8W 3000K 240V E27 FILAMENT LED ST64FL- 8WE01	WALL / MOUNTED FITTING. CONFIRM THE MOUNTING HEIGHT ON SITE WITH THE CLIENT ON SITE	LEXICON QUARTER MATT	BARN LIGHT AU-WF- WHB	A
L15	28W 4000K LED	WALL MOUNTED ADJUSTABLE IP65 FLOODLIGHT C/W INTEGRAL DRIVER MOUNT AS HIGH AS PRACTICAL	SILVER	GAMMA ILLUMINATION ALTUS 1340-4K-28W	A
L16	3000K 240V E27 LED	BAR COUNTER SPHERE PENDANT ALLOW TO ASSEMBLE AND INSTALL CONFIRM THE FINAL MOUNTING HEIGHT ON SITE WITH THE CLIENT CUSTOM MOUNT	OPAL SPHERE	ALLOW A PC SUM OF \$500.00 FOR THE SUPPLY OF EACH L10 FITTING	A
L17	13W 3000K LED	REAR BAR RECESSED DOWNLIGHT C/W REMOTE DALI DRIVER	WHITE	GAMMA ILLUMINATION RHO 1001-3K-13W	A
L18	8W 3000K LED	AMENITY RECESSED DOWNLIGHT C/W REMOTE DRIVER	WHITE	GAMMA ILLUMINATION MYLO 1004-WFL-3K-13W	A
L19	28W 4000K LED	LOADING DOCK RECESSED DOWNLIGHT C/W REMOTE DRIVER	WHITE	GAMMA ILLUMINATION JADE 1450-4K-28W	A
L20	8W 3000K LED	AMENITY RECESSED DOWNLIGHT C/W REMOTE DALI DRIVER	WHITE	GAMMA ILLUMINATION MYLO 1004-WFL-3K-13W	A
L21	3000K LED	DECORATIVE WALL LIGHT CONFIRM THE MOUNTING HEIGHT ON SITE WITH THE CLIENT	TBA	ALLOW A PC SUM OF \$500.00 FOR THE SUPPLY OF EACH L8 FITTING	A
L22	4W LED AT 500 CENTRES	24V DC IP65 FESTOON LIGHTING TO BE FIXED TO A 316 STAINLESS STEEL WIRE SUPPORT SYSTEM. LOCATE THE POWER SUPPLY IN A CONCEALED ACCESSIBLE LOCATION WITH THE POSITION NOTED ON THE AS CONSTRUCTED DRAWINGS PROVIDE EACH LAMP WITH A DEDICATED METAL SHADE.	BLACK CABLE AND FIXINGS	GLOW WORM LIGHTING 1M (2 GLOBE/M) COMMERCIAL GRADE LED FESTOON LIGHTING C/W METAL SHADES	B



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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
L23	8W 3000K 240V E27 FILAMENT LED ST64FL- 8WE01	WALL MOUNTED FITTING TO ILLUMINATE THE SIGN. CONFIRM THE MOUNTING HEIGHT ON SITE WITH THE CLIENT ON SITE	FLAT BLACK ACE	BARN LIGHT AU-G- ASEM	B
E1	LED	EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D63 - C90-D63.	WHITE	CLEVERTRONICS LLIFE	A
EX	LED	FRONT OF HOUSE EXIT LIGHT: MAINTAINED 24M VIEWING DISTANCE EXIT LIGHT C/W DIFFUSERS & DIRECTIONAL ARROWS AS SHOWN. CEILING SURFACE MOUNT OR WALL MOUNT BETWEEN 2100mm & 2700mm AFFL IF THERE IS NO VERTICAL SURFACE TO MOUNT THE FITTING ON WITHIN THIS RANGE CONFIRM THE MOUNTING HEIGHT WITH THE ENGINEER. AS2293 CLASSIFICATION C0-D1.25- C90-D2	BLACK	CLEVERTRONICS LUBPRO-SM	A
EX BOH	LED	BACK OF HOUSE 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 LCFLED	A
FAN 1 (F1)		1500 DIA CEILING FAN C/W HANDHELD REMOTE CONTROL UNITS UNIVERSAL MOUNT SUSPEND THE FAN SUCH THAT IT IS LEVEL WITH THE BOTTOM CORD.	BLACK	BIG ASS HAIKU I6 BLACK 1500	B
PROXIMITY DETECTOR SWITCH (PD)		ADJUSTABLE FLUSH RECESSED 360 DEGREE TRIPLE PYRO PIR PRESENCE DETECTOR TO OPERATE THE ASSOCIATED LIGHTS FOR A PRE-SET AMOUNT OF TIME. ADJUST THE TIME AND SENSITIVITY ON SITE AS DIRECTED BY THE ENGINEER.	WHITE	CLIPSAL. SELECTION BY THE CONTRACTOR. SUBMIT DETAILS OF THE PROXIMITY DETECTOR SWITCH FOR APPROVAL PRIOR TO ORDERING	A
ONE-WAY LIGHT SWITCH		ONE-WAY LIGHT SWITCH C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES 30USM	A
ONE-WAY LIGHT SWITCH WP		IP56 ONE-WAY LIGHT SWITCH MOUNTED AT 1100mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL "56 SERIES"	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



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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
LIGHTING CONTROL SWITCH PANEL (SPx)		6-BUTTON PROGRAMMABLE SWITCH PANEL C/W CENTRAL LCD DISPLAY MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	ALUMINIUM	DYNALITE ANTUMBRA DISPLAY	A
HAND DRYER CONNECTION (HD)		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	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	CLIPSAL C2000 SERIES	A
SINGLE 15A POWER OUTLET SUSPENDED (SUS)		SINGLE 15A POWER OUTLET SUSPENDED 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
WEATHERPROOF POWER OUTLET (WP)		IP54 WEATHERPROOF SINGLE / DOUBLE POWER OUTLET AS NOTED ON DRAWING C/W COVER FLAP OVER SOCKET. MOUNT AT MINIMUM 1100mm AFFL U.N.O. RATING 10A U.N.O.	-	CLIPSAL WSCF227F	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.	-	CLIPSAL WSF226/20	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
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



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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
FLOOR BOX TYPE 1 (FB1)		INSITU FLUSH FLOOR BOX C/W TWO DOUBLE GPOS + 2 COMMUNICATIONS OUTLETS ON THE SAME FACEPLATE + ONE BLANK FACE PLATE . CR-A VIA A 32MM CONDUIT C/W SPARE DRAW WIRE FOR USE BY THE AUDIO CONTRACTOR LABEL THE DRAW WIRE AT EACH END. PROVIDE THE GPOS AND COMMUNICATIONS OUTLETS AS PER THE STANDARD DESCRIPTIONS. INFILL THE LID WITH THE SAME FINISH AS THE ADJACENT FLOORING.	STAINLESS STEEL	ECD FB4SR	C
DB-A		DISTRIBUTION BOARD DB-A TO BE PROVIDED AS PER THE DB-A SCHEDULE AND NOTES			A
DB-B		DISTRIBUTION BOARD DB-B TO BE PROVIDED AS PER THE DB-A SCHEDULE AND NOTES			A
DB-C		DISTRIBUTION BOARD DB-C TO BE PROVIDED AS PER THE DB-A SCHEDULE AND NOTES			A
MSB		NEW SITE MAIN SWITCHBOARD TO BE PROVIDE AS PART OF A SEPARATE CONTRACT.			A
COMMUNICATIONS RACK (CR-A)		FREE STANDING 42 RU MINIMUM 800 DEEP 800 WIDE COMMUNICATIONS RACK CR-A 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 A 10 PORT POWER RAIL, A FOBOT, TWO SHELVES AND THE REQUIRED CAT 6 PATCH PANELS, CABLE MANAGEMENT AND PA AMPLIFIERS AS REQUIRED. PROVIDE THE RACK WITH CASTERS. REFER TO THE SPECIFICATION FOR ADDITIONAL REQUIREMENTS.		4 CABLING SKU 002.001.4280	A
COMMUNICATIONS RACK (CR-ADMIN)		EXISTING ADMINISTRATION BUILDING COMMUNICATIONS RACK TO BE PROVIDED WITH A FOBOT TO FACILITATE THE NEW OPTICAL FIBRE CABLE TO CR-A.			A
SECURITY EQUIPMENT (SEC)		HIGH LEVEL WALL MOUNT SECURITY EQUIPMENT BY OTHERS. MOUNT THE ASSOCIATED OUTLETS WITHIN THE SECURITY PANEL			A
COMMUNICATIONS OUTLET		RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO CAT 6 PATCH PANELS IN RACK CR-A VIA 4-PAIR CAT-6 UTP CABLE. MOUNT UP TO 3 RJ45 OUTLETS PER MULTI-GANG FACEPLATE WITH SEPARATE PERMANENT LABELLING FOR EACH OUTLET. MOUNT AT 300 AFFL UNLESS NOTED OTHERWISE	WHITE	CLIPSAL C2000 SERIES	A
CCTV OUTLET		RJ45 CAT-6 MALE RJ45 PLUG , CABLED BACK TO CAT 6 PATCH PANELS IN RACK CR-A VIA 4-PAIR CAT-6 UTP CABLE. PROVIDE THE PLUG WITH 600MM OF SLACK CABLE TO ALLOW THE SECURITY CONTRACTOR TO LOCATE IT AND PULL IT OUT TO CONNECT INTO THE CAMERA PRIOR TO FIXING THE CAMERA IN PLACE. THE CAMERA WILL BE PROVIDED BY THE SECURITY CONTRACTOR. MARK THE POSITION OF THE PLUG ON THE EXPOSED FINISHED SURFACE WITH A DARK BLUE DOT STICKER.			A
ACCESS POINT AV1		PROVIDE A BLANK FACEPLATE OVER A DEEP WALL BOX CONNECTED TO CR-A VIA A 32MM CONDUIT C/W SPARE DRAW WIRE FOR USE BY THE AUDIO CONTRACTOR LABEL THE DRAW WIRE AT EACH END. MOUNT AT 300AFFL ADJACENT THE GPO.	WHITE	CLIPSAL C2000 SERIES	A

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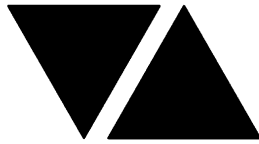
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## ELECTRICAL EQUIPMENT SCHEDULE

**REVISION C - 28 AUGUST 2023**

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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
ACCESS POINT AV2		PROVIDE A BLANK FACEPLATE OVER A DEEP WALL BOX CONNECTED TO CR-A VIA A 32MM CONDUIT C/W SPARE DRAW WIRE FOR USE BY THE AUDIO CONTRACTOR LABEL THE DRAW WIRE AT EACH END. MOUNT AT 1000AFFL	WHITE	CLIPSAL C2000 SERIES	A
ACCESS POINT AV3		PROVIDE A 32MM CONDUIT C/W SPARE DRAW WIRE FOR USE BY THE AUDIO CONTRACTOR FROM A POSITION IN THE CEILING SPACE ADJACENT THE CS GPO TO CR-A LABEL THE DRAW WIRE AT EACH END.			B
RECESSED SPEAKER		RECESSED 265 DIA DUAL CONE SPEAKER C/W 100V MULTI-TAP TRANSFORMER AND FLUSH GRILLE. EACH SPEAKER GROUP IS TO BE ZONED AS PER THE DRAWING DESIGNATION TO AN AMPLIFIER MOUNTED IN THE COMMUNICATIONS RACK CR-A	WHITE GRILLE	BOSCH LBC 3099/41	A



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## LIGHTING CONTROL SCHEDULE

REVISION B - 11 AUGUST 2023

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 DDBC1200			A
DESCRIPTION		12CH BOARD CAST DALI CONTROLLER			A
LOCATION		DIN RAIL MOUNTED WITHIN DB-A			A
BUS:		A			A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUIT	USE	A
1	DALI DIM	FUNCTION ROOM	DB-A - L2	L11	A
2	DALI DIM	FUNCTION ROOM	DB-A - L2	L11	A
3	DALI DIM	FUNCTION ROOM	DB-A - L2	L7	A
4	DALI DIM	FUNCTION ROOM	DB-A - L2	L7	A
5	DALI DIM	AMENITY	DB-A - L3	L20	A
6	DALI DIM	AMENITY	DB-A - L3	L20	A
7	DALI DIM	BAR	DB-A - L4	L6	A
8	DALI DIM	BAR	DB-A - L4	L17	A
9	DALI DIM	BAR	DB-A - L4	L16	A
10	DALI DIM				A
11	DALI DIM				A
12	DALI DIM				A
CONTROL MODULE 2					B
TYPE:		NOT USED			B
DESCRIPTION		NOT USED			B
LOCATION		NOT USED			B
BUS:		NOT USED			B
CHANNEL	CONTROL	DESCRIPTION			B
		LOCATION	CIRCUIT	USE	B
13					B
14					B





# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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

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C3031a-0005(B).xls

## LIGHTING CONTROL SCHEDULE

REVISION B - 11 AUGUST 2023

<b>CONTROL MODULE 3</b>					A
TYPE:		DYNALITE DDRC1220FR-GL			A
DESCRIPTION		12 CH SWITCHING CONTROLLER			A
LOCATION		DIN RAIL MOUNTED WITHIN DB-A			A
BUS:		A			A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUIT	USE	A
15	SWITCH	KITCHEN	DB-A - L6	L1	A
16	SWITCH	LOADING	DB-A - L6	L19	A
17	SWITCH	KITCHEN / EXTERNAL	DB-A - L6	L19	A
18	SWITCH	EXTERNAL	DB-A - L6	L15	A
19	SWITCH	EXTERNAL	DB-A - L6	L14	A
20	SWITCH	AMENITY	DB-A - L7	L21	A
21	SWITCH	EXTERNAL	DB-A - L7	L9	A
22	SWITCH	EXTERNAL	DB-A - L7	L9	A
23	SWITCH	EXTERNAL	DB-A - L7	L13	A
24	SWITCH	EXTERNAL	DB-A - L7	L12	A
25	SWITCH	EXTERNAL	DB-A - L8	L9	A
26	SWITCH	EXTERNAL	DB-A - L8	L13	A
<b>CONTROL MODULE 4</b>					A
TYPE:		DYNALITE DDRC1220FR-GL			A
DESCRIPTION		12 CH SWITCHING CONTROLLER			A
LOCATION		DIN RAIL MOUNTED WITHIN DB-A			A
BUS:		A			A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUITS	USE	A
27	SWITCH	EXTERNAL	DB-A - L8	L22	A
28	SPARE				B
29	SPARE				B
30	SPARE				A
31	SPARE				A
32	SPARE				A
33	SPARE				A
34	SPARE				A
35	SPARE				A
36	SPARE				A
37	SPARE				A
38	SPARE				A
<b>CONTROL MODULE 5</b>					A
TYPE:		DYNALITE DDBC1200			A
DESCRIPTION		12CH BOARD CAST DALI CONTROLLER			A
LOCATION		DIN RAIL MOUNTED WITHIN DB-A			A
BUS:		A			A
CHANNEL	CONTROL	DESCRIPTION			A
		LOCATION	CIRCUIT	USE	A
39	DALI DIM	FUNCTION ROOM	DB-A - L5	L10	B
40	DALI DIM	FUNCTION ROOM	DB-A - L5	L10	B
41	DALI DIM	FUNCTION ROOM	DB-A - L9	L8	B
42	DALI DIM	FUNCTION ROOM	DB-A - L9	L8	B
43	DALI DIM				B
44	DALI DIM				B
45	DALI DIM				B
46	DALI DIM				B
47	DALI DIM				B
48	DALI DIM				B
49	DALI DIM				B
50	DALI DIM				B



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C3031a-0006(D).xls

DISTRIBUTION BOARD DB-A

REVISION D - 07 NOVEMBER 2023

FAULT CURRENT: 6kA							REV A A A A
MAIN SWITCH: 250A LOAD BREAK NON AUTO							
CHASSIS SIZE: 2 X 84 POLES							
CABLE 1C 185							
CHASSIS RATING: 250A							
PHASES: A							
PROVIDE THE DB WITH 2 X 700 WIDE EMPTY DIN RAILS 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. THE MINIMUM WIDTH OF DB-A IS 1,400MM.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	BAR	POS	A
P2	1	20	RCBO	2.5	BAR	COKE MACHINE	A
P3	1	20	RCBO	2.5	BAR	REF	A
P4	1	20	RCBO	2.5	BAR	ICE MACHINE	A
P5	1	20	RCBO	2.5	BAR	GPO	A
P6	1	20	RCBO	2.5	BAR	COFFEE	A
P7	1	20	RCBO	2.5	BAR	ZIP	A
P8	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P9	3	32	RCBO	6.0	KITCHEN	10 SHELF COMBI	A
P10	1	20	RCBO	2.5	KITCHEN	KEGROOM	A
P11	1	20	RCBO	2.5	KITCHEN	HEAT LAMPS	A
P12	1	20	RCBO	2.5	KITCHEN	HEAT LAMPS	A
P13	1	20	RCBO	2.5	KITCHEN	REF	A
P14	1	20	RCBO	2.5	KITCHEN	GPO	A
P15	1	20	RCBO	2.5	KITCHEN	REF	A
P16	1	20	RCBO	2.5	KITCHEN	HOT CUPBOARD	A
P17	3	63		16.0	KITCHEN	20 SHELF COMBI	A
P18	3	32	RCBO	6.0	KITCHEN	DISHWASHER	A
P19	1	20	RCBO	2.5	EXTERNAL	POST MIX	A
P20	1	20	RCBO	2.5	EXTERNAL	POST MIX	A
P21	1	20	RCBO	2.5	EXTERNAL	POST MIX	A
P22	1	20	RCBO	2.5	EXTERNAL	POST MIX	A
P23	1	20	RCBO	2.5	EXTERNAL	MAINTENANCE	A
P24	1	20	RCBO	2.5	AMENITY	HAND DRYER	A
P25	3	20	RCBO	2.5	ROOF	EXHAUST AIR FAN	A
P26	3	20	RCBO	2.5	ROOF	SUPPLY AIR FAN	A
P27	1	20	RCBO	2.5	EXTERNAL	KEG ROOM COMP	A
P28	1	20	RCBO	2.5	EXTERNAL	FR COMP	A
P29	1	20	RCBO	2.5	EXTERNAL	FZ COMP	A
P30	3	63		16.0	EXTERNAL	AC 1	A
P31	3	63		16.0	EXTERNAL	AC 2	A
P32	1	20	RCBO	2.5	BOH	GPO	A
P33	3	40	RCBO	6.0	STORE	HWS	A
P34	1	20	RCBO	2.5	STORE	PUMP	A
P35	1	20	RCBO	2.5	STORE	CR-A	A
P36	1	20	RCBO	2.5	STORE	CR-A	A
P37	1	20	RCBO	2.5	AMENITY	HAND DRYER	A
P38	1	20	RCBO	2.5	BELOW DECK	PUMP	A
P39	1	20	RCBO	2.5	FZ CS	FZ	A
P40	1	20	RCBO	2.5	FR CS	FR	A
P41	1	20	RCBO	2.5	FUNCTION	GPO	A
P42	1	20	RCBO	2.5	FUNCTION	GPO	A
P43	1	20	RCBO	2.5	FUNCTION	FIRE	A
P44	1	20	RCBO	2.5	FUNCTION	GPO	A
P45	1	20	RCBO	2.5	DECK	GPO	A

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Pages inc. any attach. 1 of 2



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DISTRIBUTION BOARD DB-A

REVISION D - 07 NOVEMBER 2023

FAULT CURRENT: 6kA							250A LOAD BREAK NON AUTO	REV
MAIN SWITCH:								A
CHASSIS SIZE: 2 X 84 POLES								A
CABLE 1C 185								A
CHASSIS RATING: 250A							A	
PHASES: A							A	
PROVIDE THE DB WITH 2 X 700 WIDE EMPTY DIN RAILS 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. THE MINIMUM WIDTH OF DB-A IS 1,400MM.							A	
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE		
P46	1	20	RCBO	2.5	DECK	GPO	A	
P47	1	20	RCBO	2.5	DECK	GPO	A	
P48	1	20	RCBO	2.5	KITCHEN	GAS CONTROL	A	
P49	1	20	RCBO	2.5	PLANT	SUMP PUMP	A	
P50	1	20	RCBO	2.5	CS	VENT FAN	A	
P51	1	20	RCBO TC ON 6.00AM OFF 11.00PM	2.5	ROOF	TOILET EXHAUST	A	
P52	1	20	RCBO	2.5	PLANT	SECURITY	A	
P53	3	20	RCBO	2.5	LOADING DOCK	RSD	A	
P54	1	20	RCBO	2.5	AMENITY	AMENITY	A	
P55	1	20	RCBO	2.5	DECK	HEATER	B	
P56	1	20	RCBO	2.5	DECK	HEATER	B	
P57	1	20	RCBO	2.5	DECK	HEATER	B	
P58	1	20	RCBO	2.5	DECK	HEATER	B	
P59	1	20	RCBO	2.5	DECK	HEATER	B	
P60	1	20	RCBO	2.5	DECK	HEATER	B	
P61	1	20	RCBO	2.5	DECK	HEATER	B	
P62	1	20	RCBO	2.5	DECK	HEATER	B	
P63	1	20	RCBO	2.5	DECK	HEATER	B	
P64	1	20	RCBO	2.5	FUNCTION	PROJECTOR	B	
P65	1	20	RCBO	2.5	FUNCTION	PROJECTOR	B	
P66	1	20	RCBO	2.5	EXTERNAL	DIGITAL SIGN	B	
P67	1	20	RCBO	2.5	FUNCTION	FLOOR BOX	C	
P68	1	20	RCBO	2.5	FUNCTION	FLOOR BOX	C	
P69	3	50		4C 70	LOST WORLD	DB-LW	D	
L1	1	20	RCBO	2.5	BOH	LIGHTS	A	
L2	1	20	RCBO	2.5	FUNCTION ROOM	LIGHTS	A	
L3	1	20	RCBO	2.5	AMENITY	LIGHTS	A	
L4	1	20	RCBO	2.5	BAR	LIGHTS	A	
L5	1	20	RCBO	2.5	FUNCTION ROOM	LIGHTS	A	
L6	1	20	RCBO	2.5	KITCHEN EXTERNAL	LIGHTS	A	
L7	1	20	RCBO	2.5	EXTERNAL AMENITY	LIGHTS	A	
L8	1	20	RCBO	2.5	EXTERNAL	LIGHTS	A	
L9	1	20	RCBO	2.5	FUNCTION ROOM	LIGHTS	A	



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C3031a-0007(C).xls

DISTRIBUTION BOARD DB-B (TRACTOR RIDE)

REVISION C - 07 NOVEMBER 2023

<div>FAULT CURRENT: 6KA</div> <div>CHASSIS SIZE: 60</div> <div>CHASSIS RATING: 250A</div> <div>PHASES: 3</div> <div>MAIN SWITCH: 250A NON AUTO LOAD BREAK</div> <div>SUPPLIED FROM: MSB</div> <div>SUPPLY CABLE: 4C35</div>							REV
							A
							A
							C
							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 DB-C AS IP65 LIGHT GRAY ENCLOSURE WHITE ESCUTCHEON 316 STAINLESS STEEL OR ALUMINIUM ENCLOSURE AND ESCUTCHEON. PROVIDE THE DB WITH SURGE PROTECTION. THE TOP OF DB-B IS TO BE SEALED (NO GLANDPLATES) WITH ALL CABLE ACCESS FROM BELOW.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	EXTERNAL	GPOs	A
P2	3	63		4C 35	PETTING FARM	DB-C	A
P3							C
P4	1	20	RCBO	2.5	EXTERNAL	RAIN WATER PUMP	B
L1	1	20	RCBO	2.5	TRACTOR RIDE	LIGHTS	A



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C3031a - CURRUMBIN WILDLIFE SANCTUARY - AUSTRALIANA PRECINCT

C3031a-0008(B).xls

DISTRIBUTION BOARD DB-C (PETTING FARM)

REVISION B - 11 AUGUST 2023

<div>FAULT CURRENT: 6KA</div> <div>CHASSIS SIZE: 48 POLE</div> <div>CHASSIS RATING: 250A</div> <div>PHASES: 3</div> <div>MAIN SWITCH: 100A NON AUTO LOAD BREAK</div> <div>SUPPLIED FROM: DB-B</div> <div>SUPPLY CABLE: 4C35</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 PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE DB-C AS IP65 LIGHT GRAY ENCLOSURE WHITE ESCUTCHEON 316 STAINLESS STEEL OR ALUMINIUM ENCLOSURE AND ESCUTCHEON. PROVIDE THE DB WITH SURGE PROTECTION. THE TOP OF DB-C IS TO BE SEALED (NO GLANDPLATES) WITH ALL CABLE ACCESS FROM BELOW.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	EXTERNAL	GPO	A
P2	1	20	RCBO	2.5	BOH	GPO	A
P3	1	20	RCBO	2.5	KITCHENETTE	GPO	A
P4	1	20	RCBO	2.5	KITCHENETTE	BELOW BENCH	A
P5	3	32	RCBO	6.0	EXTERNAL	SEWER PUMP	B
P6	1	20	RCBO	2.5	EXTERNAL	RAIN WATER PUMP	B
P7	1	20	RCBO	2.5	EXTERNAL	RAIN WATER PUMP	B
L1	1	20	RCBO	2.5	PETTING FARM	LIGHTS	A
L2	1	20	RCBO	2.5	PETTING FARM	FANS	B



LEGEND

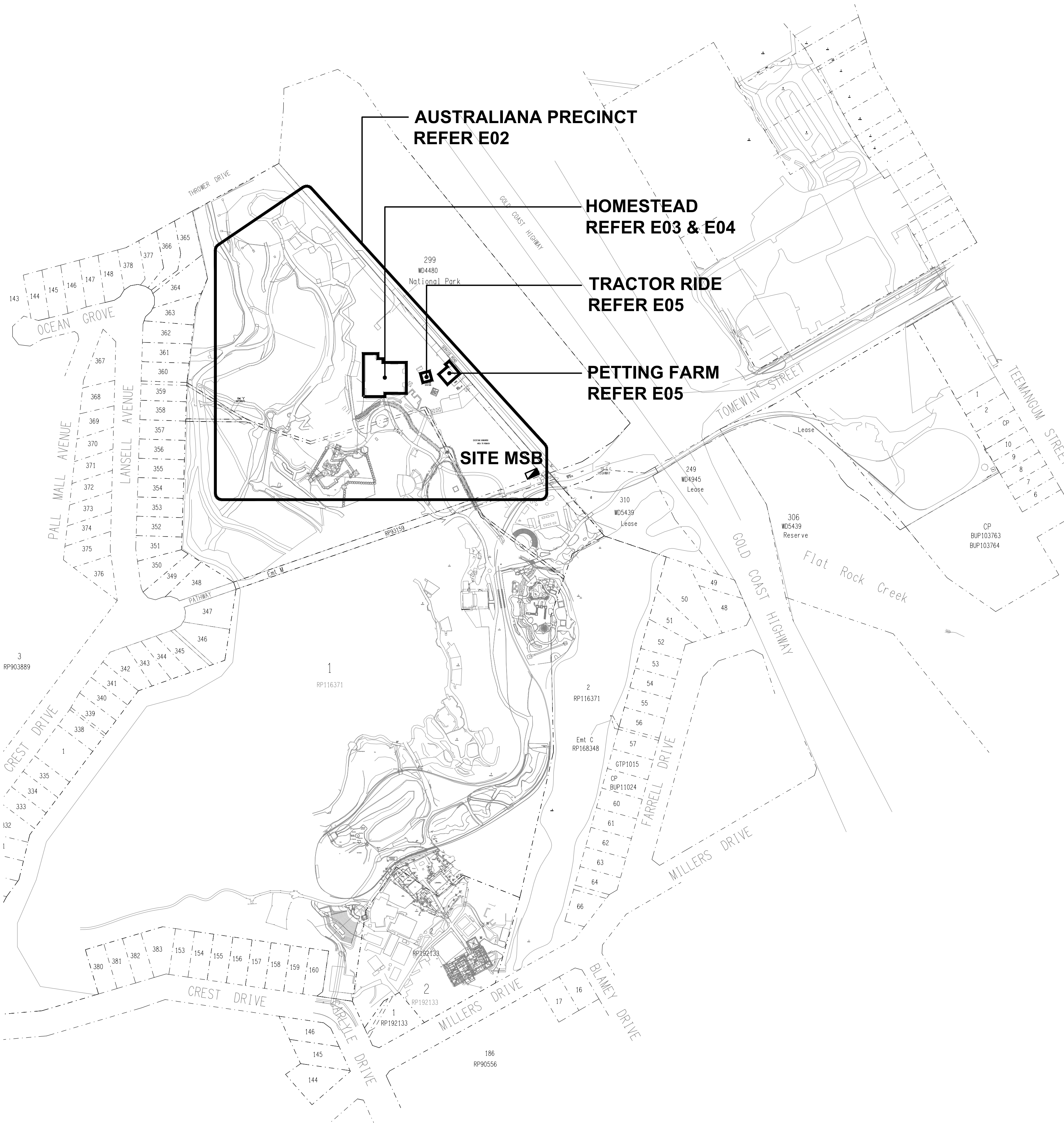
- ELECTRICAL SERVICES SWITCHBOARD.
- SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF THE ELECTRICAL SUBCONTRACT.
- SINGLE POWER OUTLET.
- DOUBLE POWER OUTLET.
- SPECIAL PURPOSE POWER OUTLET.
- SINGLE PHASE ISOLATOR.
- THREE PHASE ISOLATOR.
- CONDUIT ROUTE.
- FLOOR BOX TYPE 1.
- HAND DRYER CONNECTION.
- BOLLARD ELECTRICAL MOUNTING BOLLARD.
- LIGHTING PRESENCE DETECTOR SWITCH.
- LIGHTING CONTROL SWITCH PANEL.
- 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.
- RJ45 CCTV PLUG.
- BACKGROUND MUSIC MULTI-TAP CONE SPEAKER.
- AUDIO VISUAL OUTLETS, TYPE AS NOTED.
- SUPPLY AUTHORITY CODE COMPLIANT LV MAXIMUM DEMAND TARIFF METER.
- SINGLE PHASE.
- THREE PHASE.
- CURRENT TRANSFORMER C/W REMOVABLE LINK.
- CIRCUIT BREAKER.
- ISOLATOR.
- RESIDUAL CURRENT DEVICE.
- CONTACTOR – NORMALLY OPEN.
- CONTACTOR – NORMALLY CLOSED.
- REFER TO DETAIL NOTED FOR THE AREA SHOWN HATCHED. ADDITIONAL OUTLETS & FITTINGS MAY BE SHOWN ON DETAIL.

LEGEND

- F1: CEILING FAN.
- E1: GENERAL LED EMERGENCY LIGHT.
- EX: EMERGENCY LED EXIT LIGHT.
- EX BOH: BACK OF HOUSE EMERGENCY LED EXIT LIGHT.
- L1: 300 X 1200 RECESSED FLAT PANEL TROFFER.
- L2: SUSPENDED DECORATIVE BARN PENADNAT.
- L3: WALL MOUNTED DECORATIVE BARN LIGHT.
- L4: WALL MOUNTED BUNKER LIGHT.
- L5: 1200 SURFACE BATTEN C/W MOVEMENT SENSOR.
- L6: FUNCTION ROOM CEILING PELMENT DIMMABLE LED STRIP.
- L7: REAR BAR DISPLAY DIMMABLE LED STRIPS.
- L8: FUNCTION ROOM DECORATIVE DIMMABLE WALL LIGHT.
- L9: DECK DECORATIVE COACH WALL LIGHT.
- L10: FUNCTION ROOM DECORATIVE CHANDELIER.
- L11: FUNCTION ROOM DIMMABLE RECESSED HOUSE DOWNLIGHT.
- L12: DECK DECORATIVE COLUMN MOUNTED COACH WALL LIGHT.
- L13: BUILDING FACIA DECORATIVE COACH WALL LIGHT.
- L14: REAR STAIR DECORATIVE WALL LIGHT.
- L15: PLANT AREA FLOODLIGHT.
- L16: BAR COUNTER SPHERE PENDANT.
- L17: REAR BAR DIMMABLE RECESSED DOWNLIGHT.
- L18: AMENITY RECESSED DOWNLIGHT.
- L19: LOADING DOCK RECESSED DOWNLIGHT.
- L20: AMENITY DIMMABLE RECESSED DOWNLIGHT.
- L21: FUNCTION ROOM DECORATIVE WALL LIGHTS.
- L22: FESTOON LIGHTS.
- L23: EXTERNAL SIGN LIGHT.

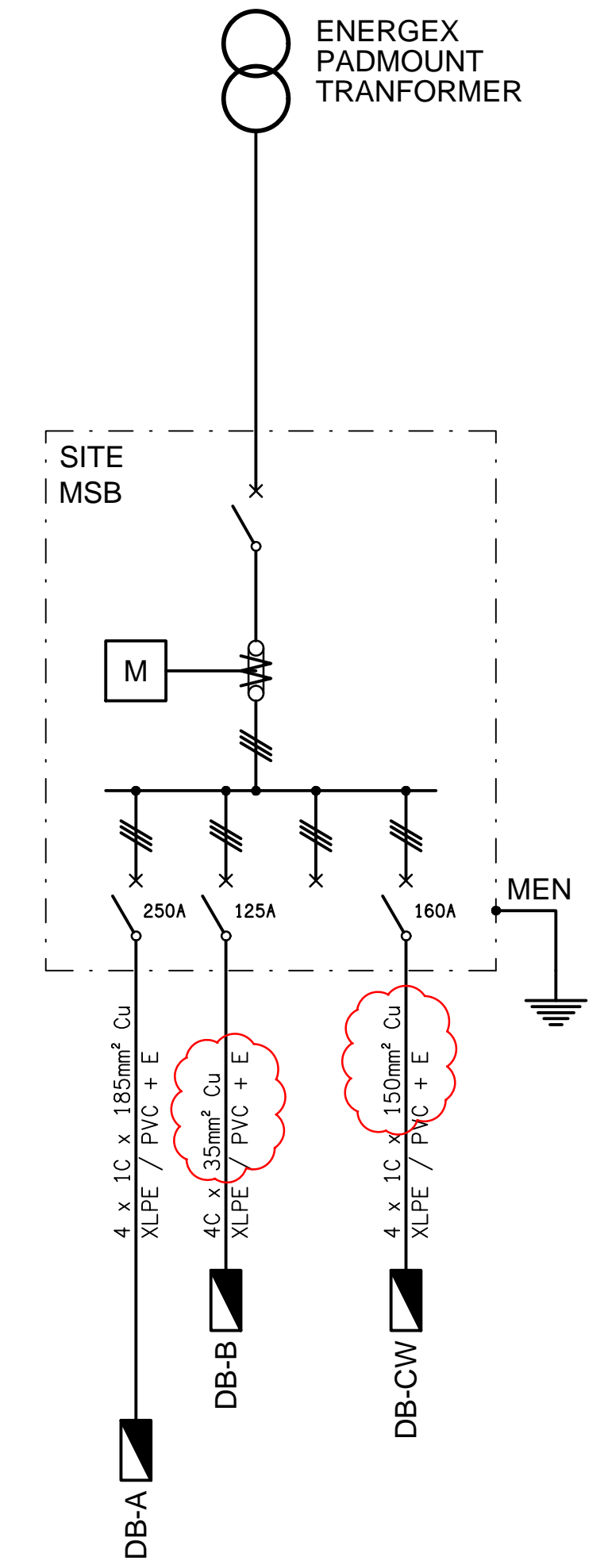
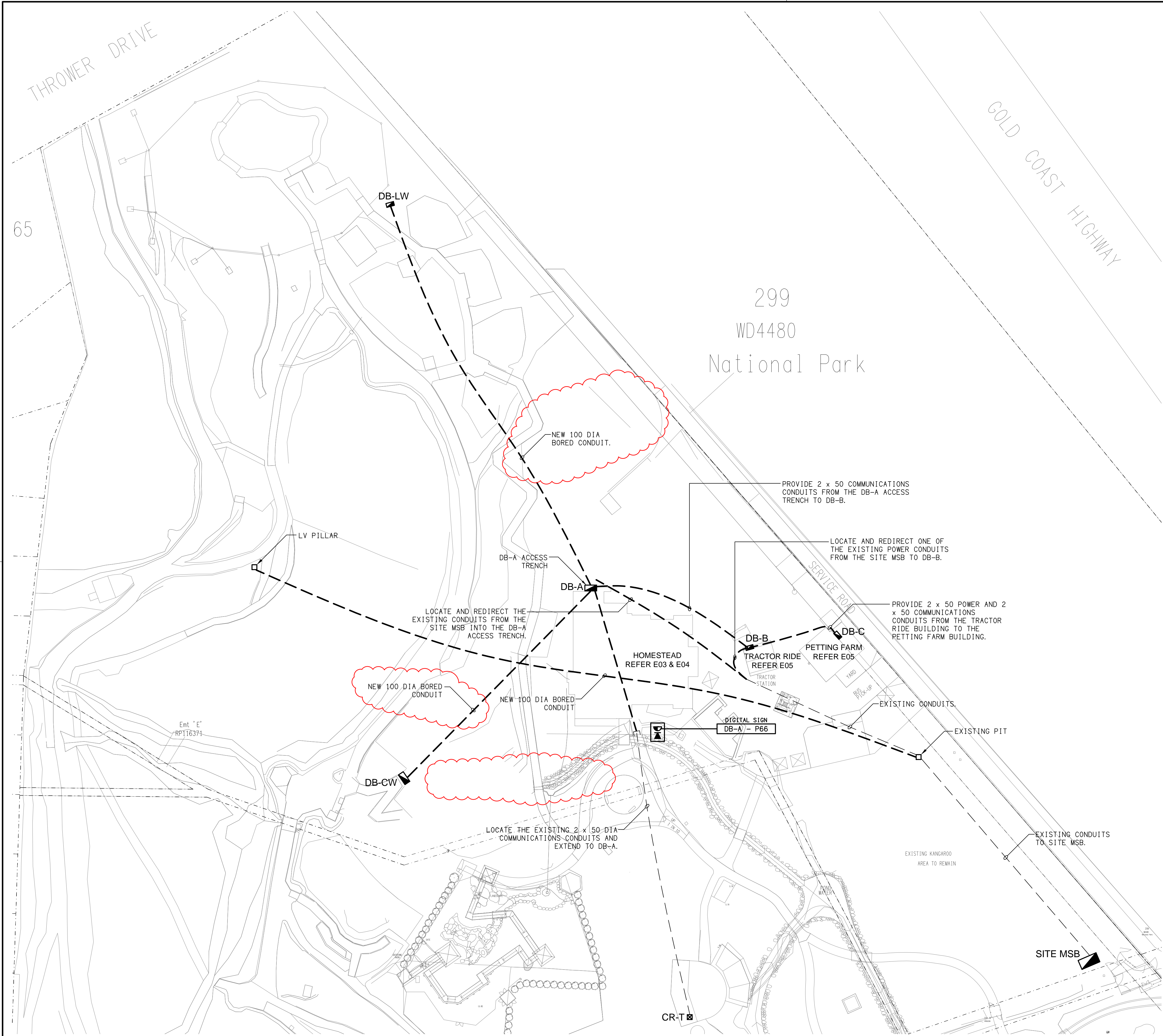
NOTE

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



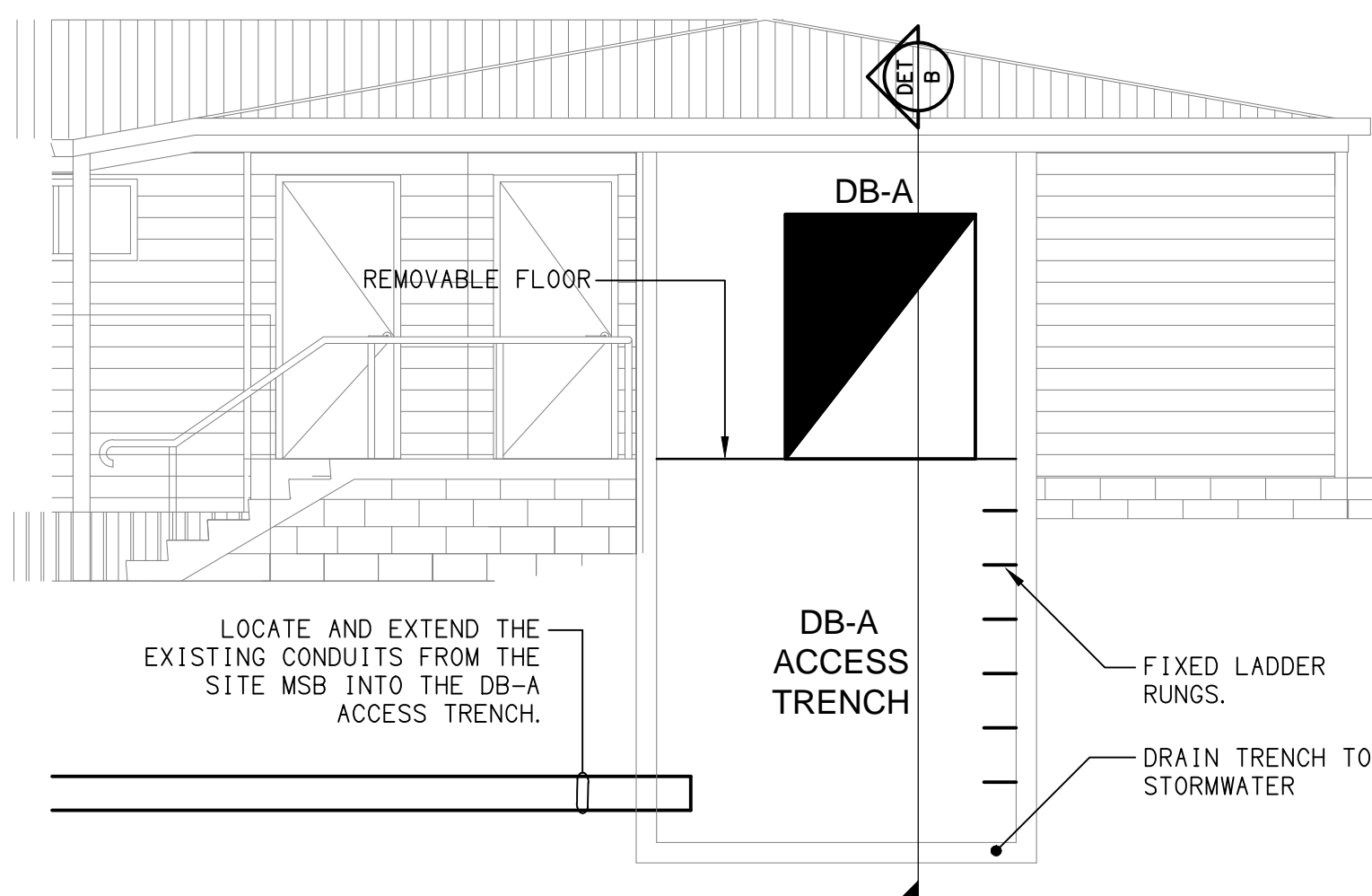
LOCATION PLAN  
AUSTRALIANA PRECINCT  
SCALE 1:2000



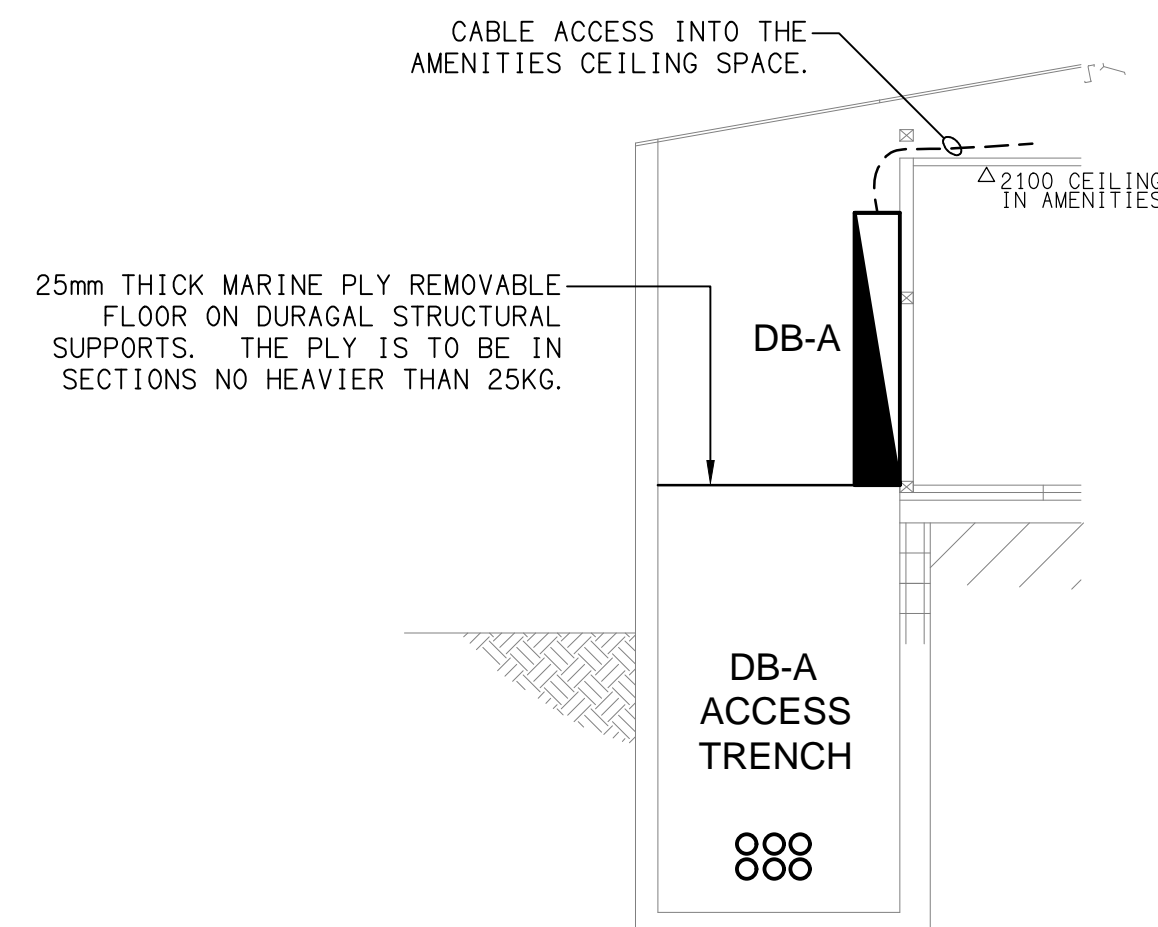


**SCHEMATIC**  
POWER CONFIGURATION  
NOT TO SCALE

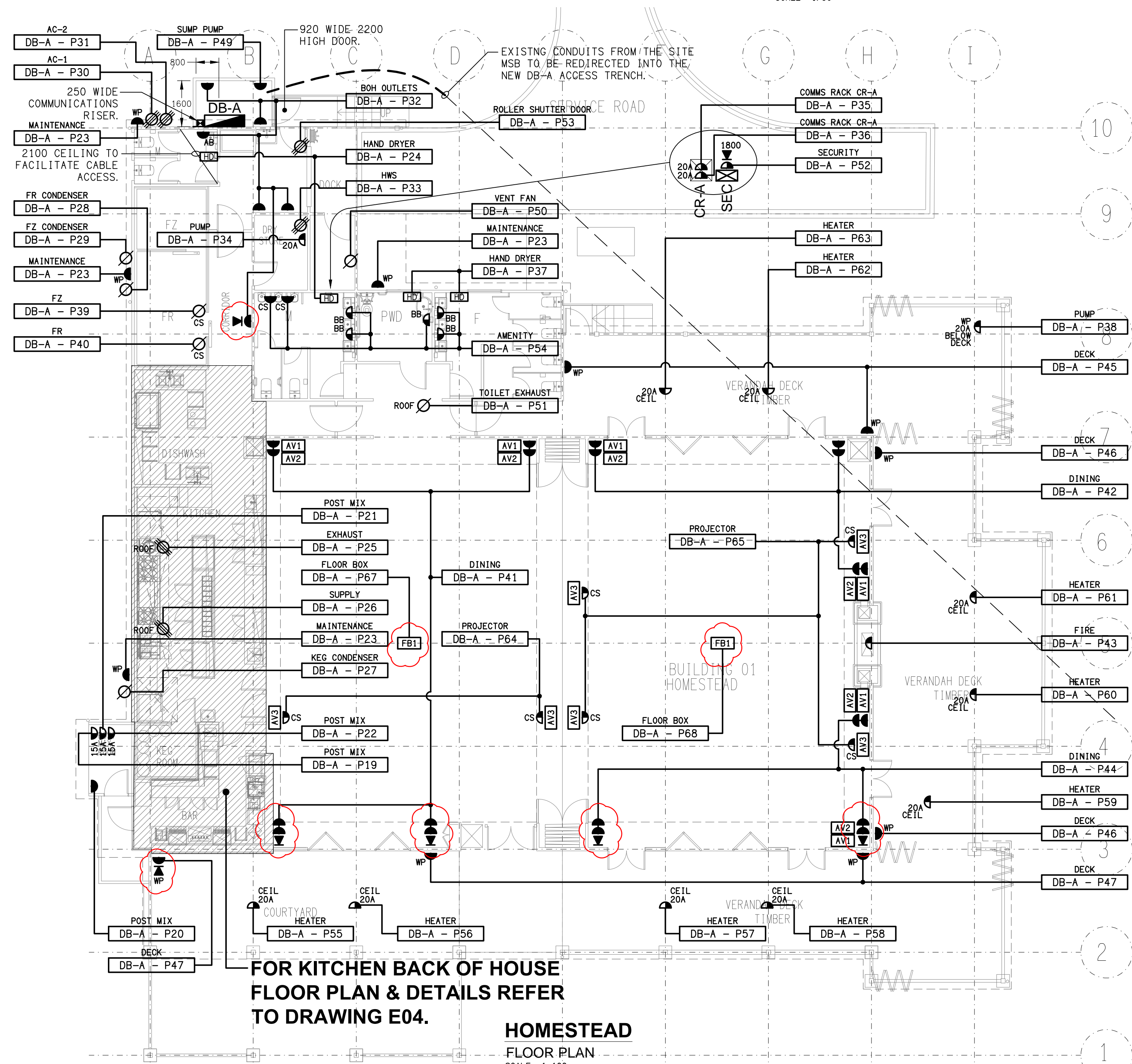




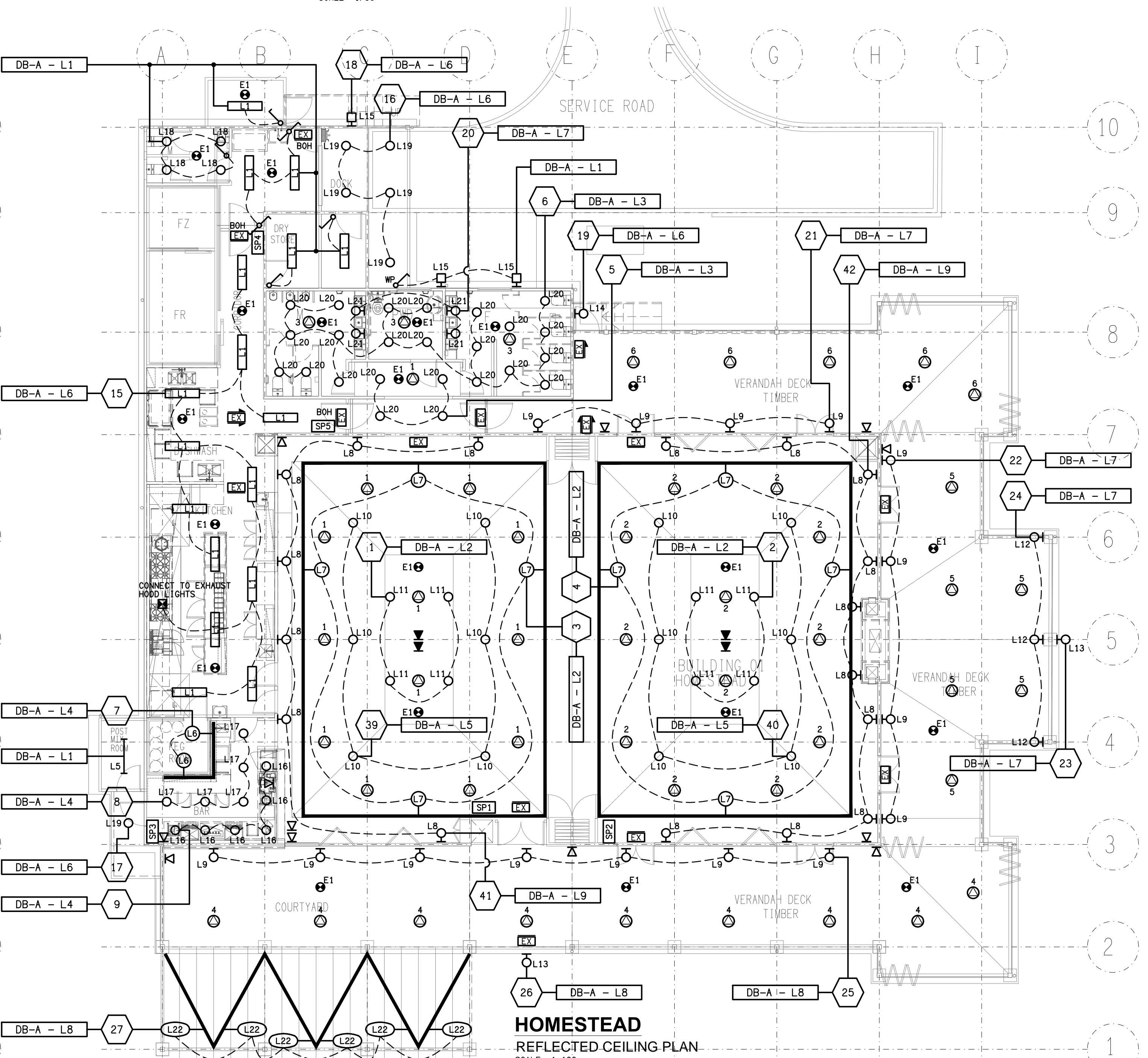
**DETAIL A**  
DB-A ACCESS TRENCH SECTION  
SCALE 1:50



**DETAIL B**  
DB-A ACCESS TRENCH SECTION  
SCALE 1:50



**HOMESTEAD**  
FLOOR PLAN  
SCALE 1:100



**HOMESTEAD**  
REFLECTED CEILING PLAN  
SCALE 1:100

ELECTRICAL DESIGN GROUP BRISBANE  
PTY LTD  
ACN 092 710 793  
TRADING AS:  
ELECTRICAL DESIGN GROUP

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BRISBANE GOLD COAST

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Web: www.edg.net.au

PROJECT:  
**CURRUMBIN WILDLIFE SANCTUARY  
AUSTRALIANA PRECINCT**

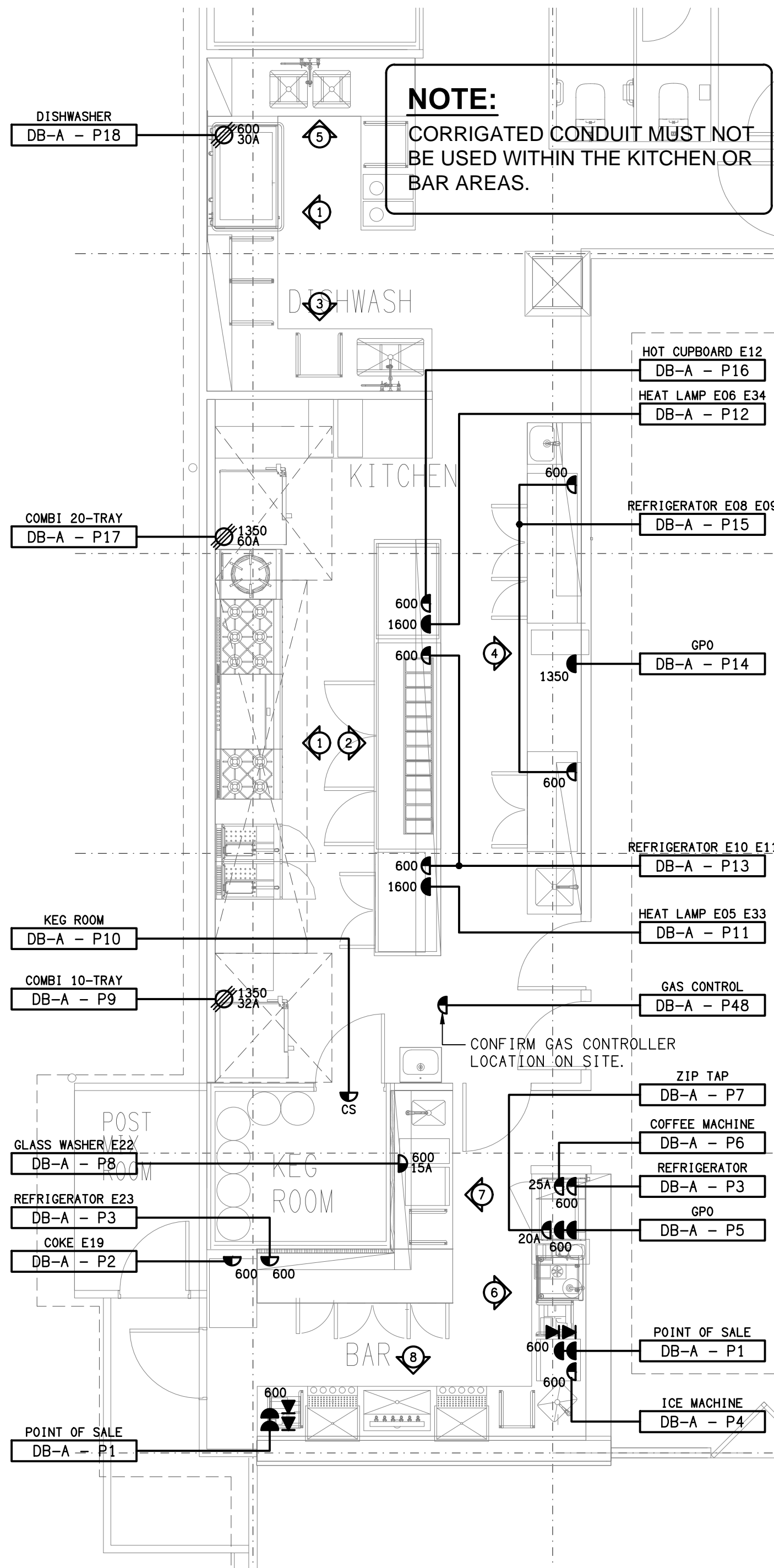
28 TOMWIN STREET, CURRUMBIN, QUEENSLAND

C	TENDER	28/08/2023
REV:	DESCRIPTION:	DATE:

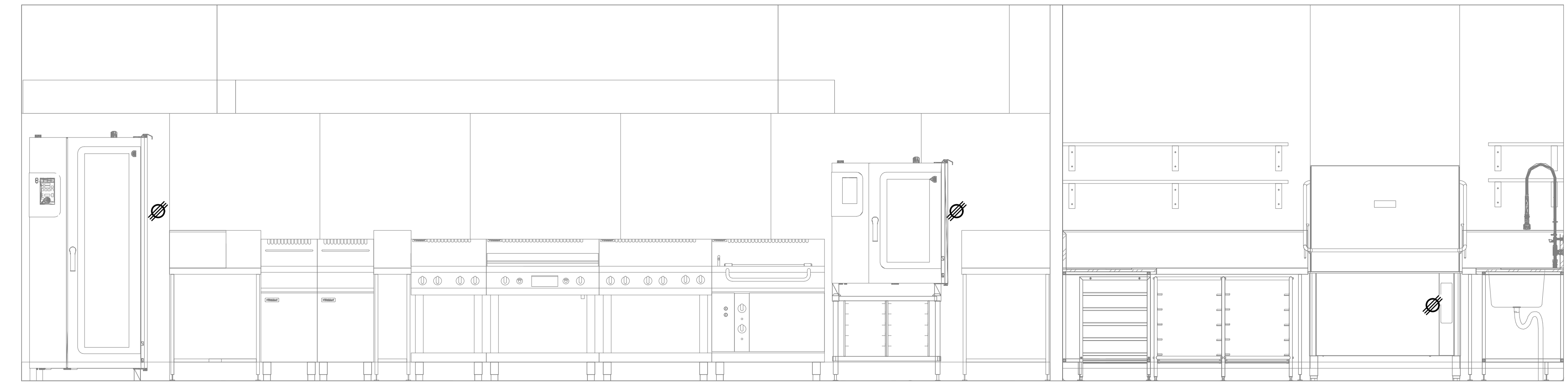
DRAWING:  
**ELECTRICAL SERVICES  
HOMESTEAD PLANS**

SCALE: 1:100	AT A1	PROJECT NO: <b>C3031a</b>	DRAWING NO: <b>E03</b>	REVISION: <b>C</b>
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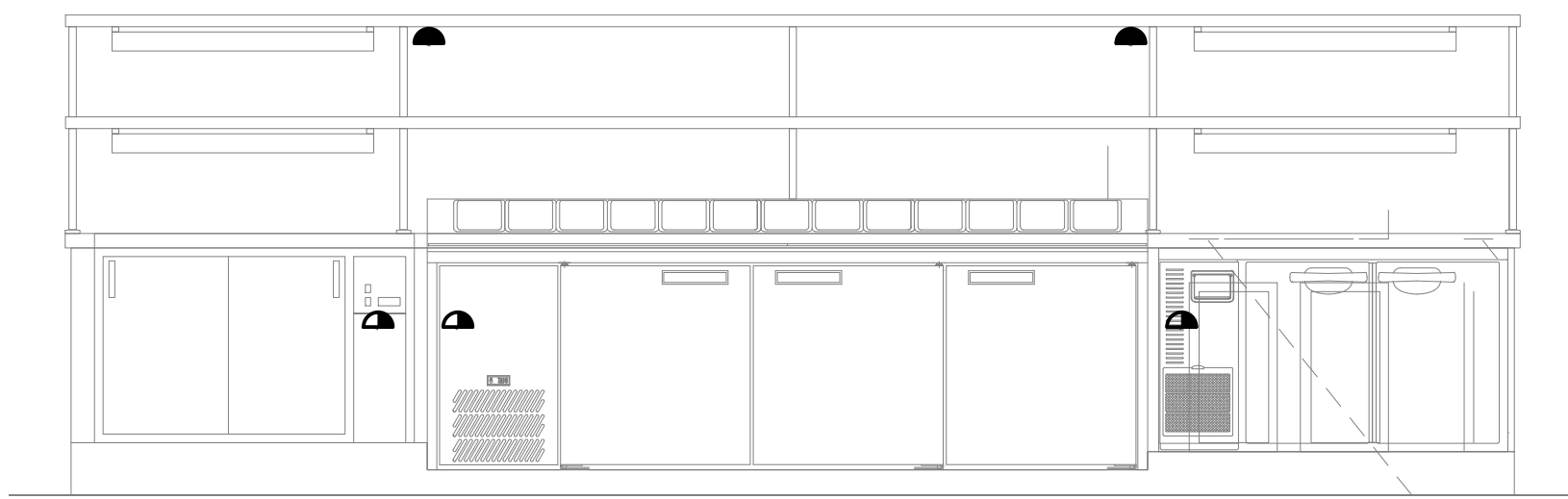




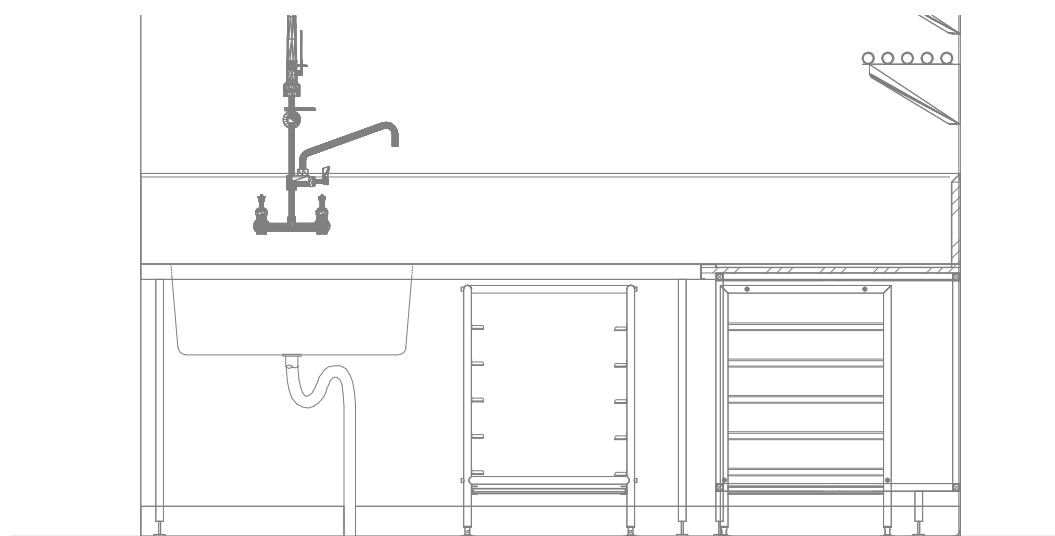
**KITCHEN**  
HOMESTEAD FLOOR PLAN  
SCALE 1: 50



**DETAIL 1**  
KITCHEN ELEVATION  
SCALE 1: 25



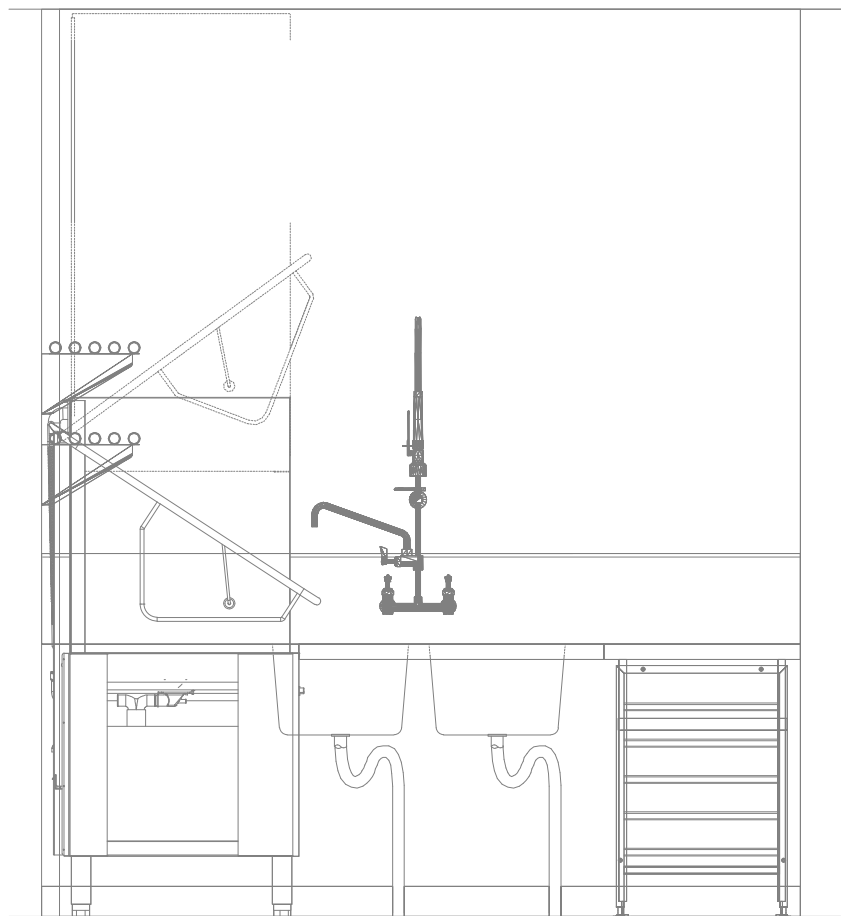
**DETAIL 2**  
KITCHEN ELEVATION  
SCALE 1: 25



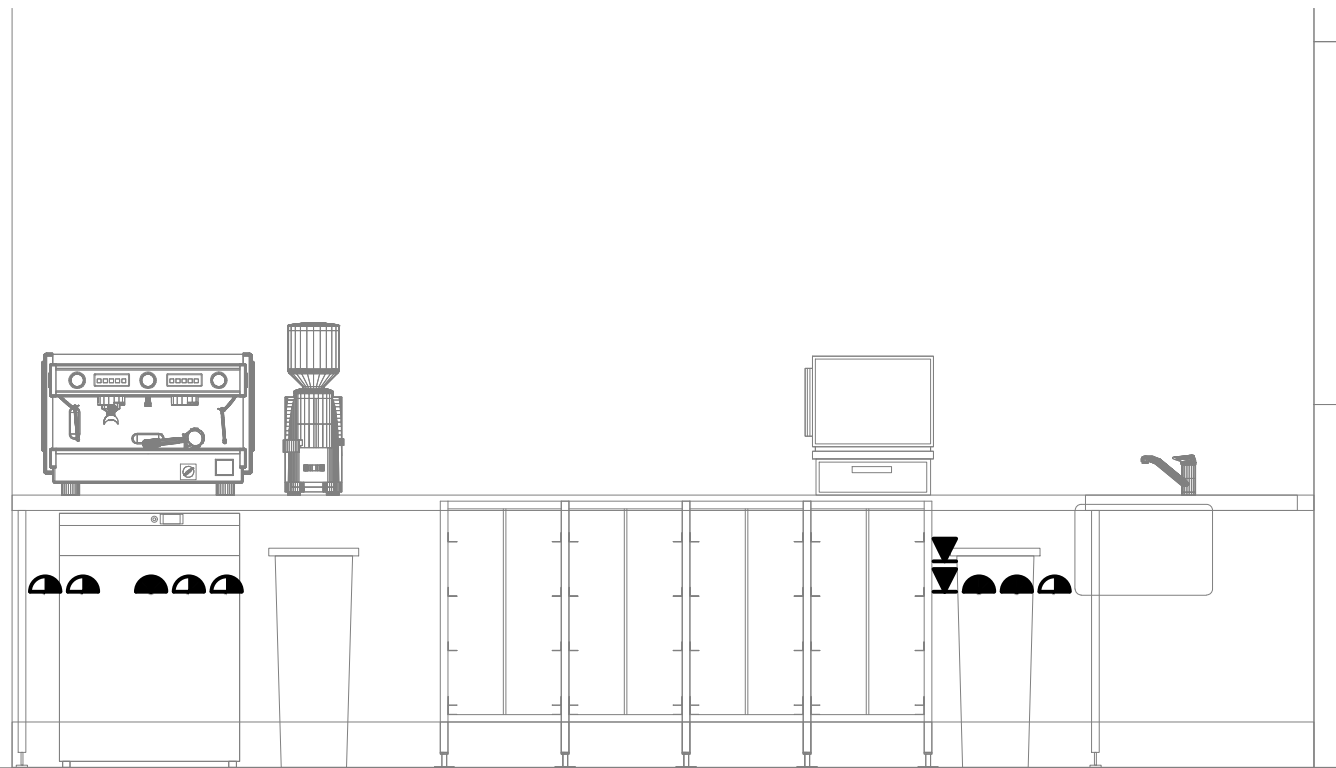
**DETAIL 3**  
KITCHEN ELEVATION  
SCALE 1: 25



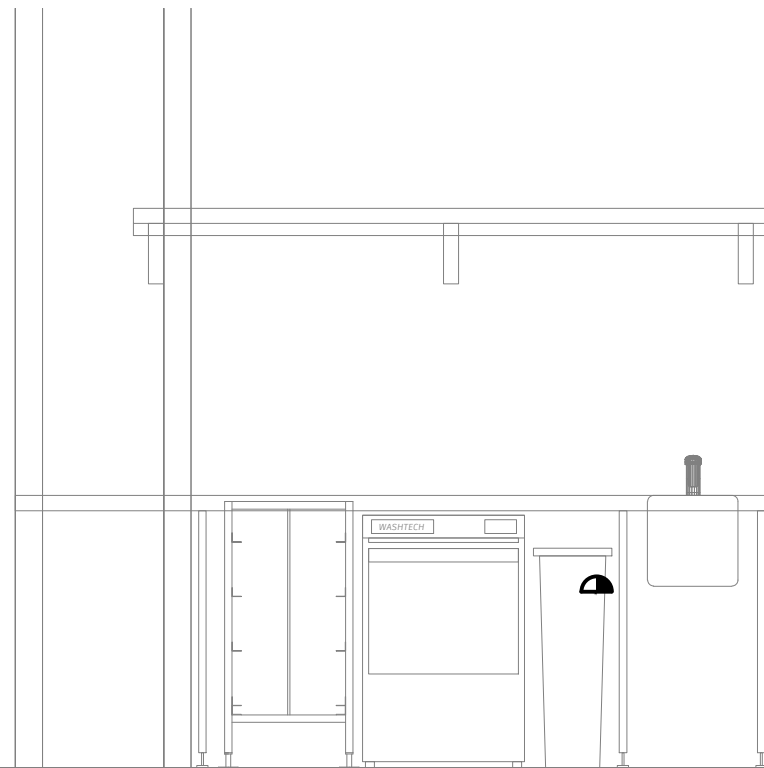
**DETAIL 4**  
KITCHEN ELEVATION  
SCALE 1: 25



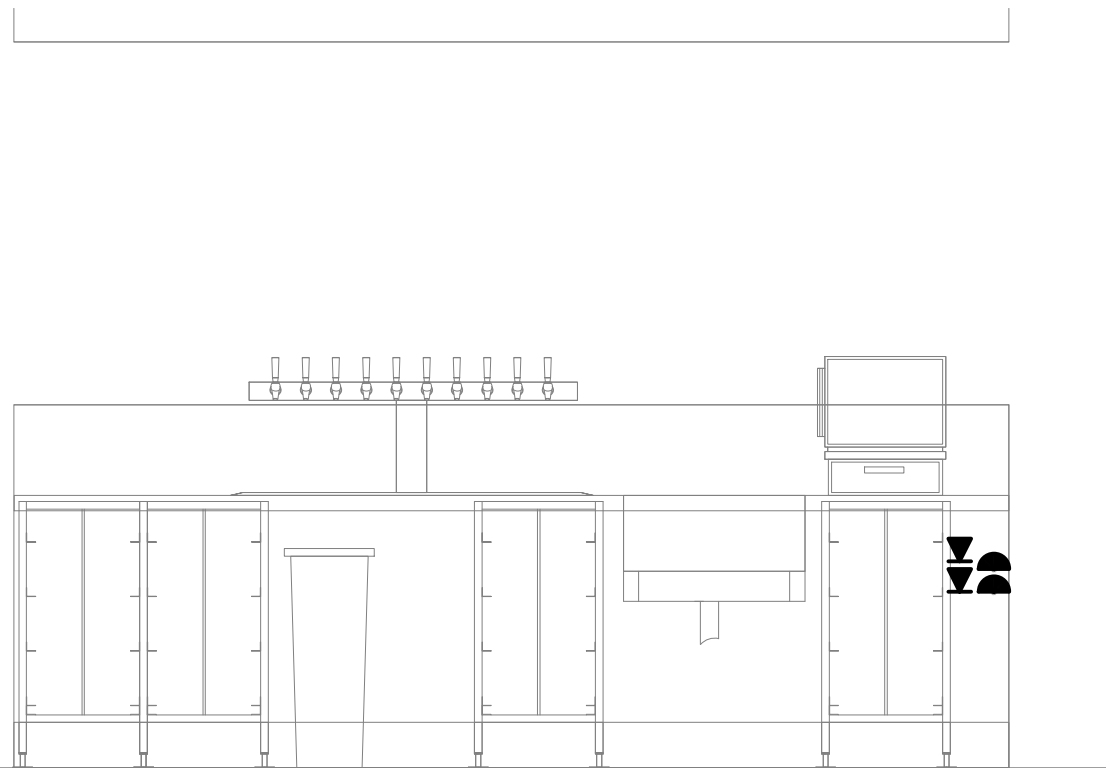
**DETAIL 5**  
KITCHEN ELEVATION  
SCALE 1: 25



**DETAIL 6**  
KITCHEN ELEVATION  
SCALE 1: 25



**DETAIL 7**  
KITCHEN ELEVATION  
SCALE 1: 25



**DETAIL 8**  
KITCHEN ELEVATION  
SCALE 1: 25



ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793	THE COPYRIGHT OF THIS DRAWING REMAINS THE PROPERTY OF THE ELECTRICAL DESIGN GROUP.		DRAWING: <b>ELECTRICAL SERVICES</b> <b>PETTING FARM &amp; TRACTOR RIDE PLANS</b>
TRADING AS: ELECTRICAL DESIGN GROUP	USE FIGURED DIMENSIONS IN PREFERENCE TO SCALE.	 <b>ELECTRICAL DESIGN GROUP</b> ELECTRICAL BUILDING SERVICES CONSULTANTS BRISBANE GOLD COAST	PROJECT: <b>CURRUMBIN WILDLIFE SANCTUARY</b> <b>AUSTRALIANA PRECINCT</b>
	ALL DIMENSIONS TO BE VERIFIED ONSITE.	P.O.Box 15, Sherwood Q.4075 Phone: (07) 3278-4375 Email: brisbane@edg.net.au Web: www.edg.net.au	SCALE: 1:50 <div>             AT A1             <div>               PROJECT NO:  <b>C3031a</b> </div> <div>               DRAWING NO:  <b>E05</b> </div> <div>               REVISION:  <b>B</b> </div> </div>



NOTES

1. EXTENT OF WORKS

THE ELECTRICAL SERVICES SUB-CONTRACT INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:  
- SUPPLY AND INSTALLATION OF ALL COMPONENTS FORMING PART OF THE ELECTRICAL SERVICES.

- INSPECTIONS.
- TESTING AND COMMISSIONING.
- MAINTENANCE.
- CABLING, CABLE SUPPORT SYSTEMS AND ACCESS.
- POWER DISTRIBUTION.
- LIGHTING.
- COMMUNICATIONS CABLING.
- BACKGROUND MUSIC SYSTEM.
- AS CONSTRUCTED DOCUMENTS.
- CABLE ACCESS.
- ALL MINOR COMPONENTS AND INCIDENTAL WORKS NOT SPECIFICALLY REFERRED TO, HOWEVER NECESSARY TO COMPLETE THE ELECTRICAL SERVICES INSTALLATION SUCH THAT IT IS HANDED OVER COMPLETE, OPERATIONAL AND FIT FOR THE INTENDED USE.

PRIOR TO COMMENCING WORK CONSULT SITE MANAGEMENT FOR ANY HAZARDOUS MATERIAL AND OR ASBESTOS REGISTERS AS WELL AS UNDERTAKE A THOROUGH INSPECTION OF THE SITE TO IDENTIFY ANY POTENTIAL HAZARDOUS MATERIALS, ASBESTOS AND HEALTH OR SAFETY RISKS. ADVISE THE CONTRACTOR OF ANY POTENTIAL HAZARDOUS MATERIALS, ASBESTOS AND HEALTH OR SAFETY RISKS IF IDENTIFIED AND DO NOT COMMENCE WORK UNTIL AN APPROPRIATE MANAGEMENT PLAN HAS BEEN DEVELOPED AND AGREED TO BY ALL PARTIES.

SUPPLY ALL LABOUR, MATERIALS, EQUIPMENT, AND ALL OTHER ITEMS, WHETHER MENTIONED IN DETAIL OR NOT, REQUIRED FOR THE SATISFACTORY COMPLETION OF THE ELECTRICAL SERVICES INSTALLATION, LEAVING IN FULL WORKING ORDER TO THE SATISFACTION OF THE PROJECT MANAGER.

ACCEPT FULL RESPONSIBILITY FOR LIASING, ARRANGING AND CO-ORDINATION OF ALL WORKS THAT HAVE AN EFFECT ON OR WILL BE AFFECTED BY THE ELECTRICAL SERVICES.

PROVIDE A UNDERGROUND CONDUIT C/W SPARE DRAW WIRE BORED FROM THE EXISTING PIT TO A LV PILLAR FOR FUTURE USE.

REFER TO THE EQUIPMENT SCHEDULE FOR ADDITIONAL REQUIREMENTS.

2. WORKMANSHIP

ENSURE THAT THE ELECTRICAL WORK IS PERFORMED BY THE HOLDER OF A CURRENT ELECTRICAL SUB CONTRACTOR LICENSE AND THE SERVICES COVERED BY THE ACMA IS PERFORMED BY THE HOLDER OF THE APPROPRIATE CURRENT ACMA LICENSE. ENSURE THE INSTALLATION AND ALL COMPONENTS, FIXTURES, FITTINGS, OUTLETS AND CABLES ARE SUPPLIED AND INSTALLED TO A HIGH STANDARD THROUGHOUT, AND INSTALLED IN A NEAT AND TRADESMAN LIKE MANNER, TO THE CURRENT INDUSTRY STANDARDS. ENSURE ALL MATERIALS AND COMPONENTS OF A SIMILAR TYPE ARE OF THE SAME MANUFACTURER AND INSTALLED IN A UNIFORM MANNER.

IT IS THE ELECTRICAL SUB CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE INSTALLATION IS FIT FOR PURPOSE AND IS PROVIDED AS A COMPLETE WORKING INSTALLATION. IT IS THE ELECTRICAL SUB CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL COMPONENTS, FITTINGS, FIXTURES, SYSTEMS, PROGRAMMING ETC IRRESPECTIVE OF THE LEVEL DETAILED IN THE DOCUMENTS SUCH THAT THE INSTALLATION IS PROVIDED AS A COMPLETE WORKING INSTALLATION.

CONCEAL ALL WIRING AND CONDUITS. EXPOSED CABLING OR CONDUITS ARE GENERALLY NOT ACCEPTABLE. IT IS NOTED THAT CHASING AND REINSTATEMENT WILL BE REQUIRED. ENSURE ALL COMPONENTS, EQUIPMENT AND MATERIALS SUPPLIED ARE NEW, UNUSED, DESIGNED AND SELECTED TO ENSURE SATISFACTORY OPERATION UNDER VARYING ATMOSPHERIC, CLIMATIC, HUMID TROPICAL CONDITIONS WITHOUT DISTORTION AND DETERIORATION IN ANY PART AFFECTING EFFICIENCY AND RELIABILITY OF THE SYSTEMS. DESIGN AND SELECT ALL EQUIPMENT TO PROVIDE THE NECESSARY SAFETY TO HUMAN LIFE AND PROPERTY DURING OPERATION AND MAINTENANCE WITH PARTICULAR ATTENTION GIVEN TO ELECTRICAL SAFETY AND SEGREGATION PRECAUTIONS.

CHECK THE FINISHED PAINTWORK AROUND THE AREA OF EACH INSTALLATION AND TOUCH UP ALL DAMAGED PARTS AND FINISHES AFTER THE INSTALLATION OF THE ELECTRICAL SERVICES.

ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE BUILDER'S PROGRAM. ENSURE ALL FINAL LOCATIONS OF OUTLETS AND FITTINGS ARE CO-ORDINATED ONSITE WITH THE ARCHITECT AND ALL OTHER SERVICES, TO THE APPROVAL OF THE PROJECT MANAGER. ALLOW TO CO-ORDINATE THE FINAL LOCATION OF ALL EQUIPMENT, FITTINGS, & OUTLETS, SUCH THAT THEY ARE INSTALLED IN ACCORDANCE WITH THE AS3000 RESTRICTED ZONES, AND ARE NOT COVERED INAPPROPRIATELY.

ENSURE THAT ALL METAL SURFACES ARE SUITABLY PROTECTED AGAINST CORROSION, AND THAT ALL PLASTIC MATERIALS ARE UV STABILISED.

PROVIDE ALL MATERIALS AS NEW, AND OF THE HIGHEST CLASS AVAILABLE FOR THEIR RESPECTIVE TYPES. ENSURE ALL ASPECTS OF THE WORK ARE OF A HIGH STANDARD THROUGHOUT, AND INSTALLED IN A NEAT AND TRADESMAN LIKE MANNER, TO THE CURRENT INDUSTRY STANDARDS.

3. STANDARDS

IRRESPECTIVE OF INFORMATION CONTAINED IN THE ELECTRICAL SERVICES DOCUMENTS OR IN INSTRUCTIONS, IT IS THE ELECTRICAL SUB CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL ELECTRICAL SERVICES WORKS ARE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FOLLOWING. REFER ANY DISCREPANCIES BETWEEN THE REQUIREMENTS OF THE FOLLOWING AND/OR THE ELECTRICAL SERVICES DOCUMENTS AND INSTRUCTIONS TO THE ARCHITECT FOR CLARIFICATION PRIOR TO THE PLACING OF ORDERS, FABRICATION OR INSTALLATION OF THE ITEMS/METHODS IN DISCREPANCY.

- NCC BUILDING CODE OF AUSTRALIA.
- ELECTRICITY ACT.
- ELECTRICAL SAFETY ACT.
- AS/NZS3000.
- AS3008.
- WORKPLACE HEALTH AND SAFETY ACT.
- TELECOMMUNICATIONS ACT.
- ACMA REQUIREMENTS.

4. AUTHORITIES

ENSURE ALL OF THE ELECTRICAL SERVICES COMPLY WITH THE REQUIREMENTS OF ALL REGULATORY AUTHORITIES HAVING JURISDICTION OVER THE SITE INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

- ACMA.
- LOCAL COUNCIL.
- LOCAL SUPPLY AUTHORITY.
- STATE GOVERNMENT DEPARTMENT OF ENVIRONMENT AND HERITAGE.
- QLD GOVERNMENT, DIVISION OF WORKPLACE, HEALTH AND SAFETY.
- QLD FIRE AND EMERGENCY SERVICES.

NOTES

5. CABLES

UNLESS OTHERWISE SPECIFIED, INSTALL AND TERMINATE CABLES IN ACCORDANCE WITH THE MANUFACTURERS' RECOMMENDATIONS. DETERMINE THE FINAL ROUTES TO SUIT THE BUILDING STRUCTURE AND SITE CONDITIONS. UNLESS NOTED OTHERWISE, PROVIDE ALL 240 VOLT POWER AND LIGHTING WIRING AS 2.5mm² TWIN & EARTH STRANDED COPPER CONDUCTORS, PVC INSULATED 0.6/1kV V75 GRADE TO AS3174, PROTECTED BY A 20 AMP CIRCUIT BREAKER. ALL CONDUIT AND FITTINGS TO BE RIGID UPVC TO AS2053, UNLESS NOTED OTHERWISE.

6. POWER DISTRIBUTION

THE POWER DISTRIBUTION COMPONENT OF THIS CONTRACT INCLUDES THE PROVISION OF A NEW UNDERGROUND SUBMAINS FROM THE NEW SITE MSB TO DB-A, DB-B AND DB-CW. DISTRIBUTION BOARDS DB-A, DB-B AND DB-C ARE TO BE PROVIDED AS PART OF THESE WORKS. THE NEW SITE MSB CONTAINS MCCBS LABELLED HOMESTEAD, TRACTOR RIDE AND CROC WORLD THAT ARE TO BE USED TO SUPPLY THE NEW SUBMAINS.

THE NEW DISTRIBUTION BOARD DB-C IS TO BE SUPPLIED AS A SUB BOARD FROM DB-B. THE EXISTING DISTRIBUTION BOARD DB-LW IS TO BE RESUPPLIED AS A SUB BOARD FROM DB-A.

PROVIDE AN UNDERGROUND BORED CONDUIT FROM THE DB-A ACCESS TRENCH TO DB-CW TO FACILITATE THE INSTALLATION OF THE NEW DB-CW SUBMAIN. PROVIDE AN UNDERGROUND BORED CONDUIT FROM THE DB-A ACCESS TRENCH TO DB-LW TO FACILITATE THE INSTALLATION OF THE NEW DB-LW SUBMAIN.

UPON THE CONNECTION OF THE NEW SUPPLIES TO DB-CW AND DB-LW REMOVE THE EXISTING REDUNDANT SUBMAINS.

ALL OF THE REQUIRED ISOLATORS, OUTLETS AND CIRCUITS ARE TO BE PROVIDED AS PART OF THESE WORKS.

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

- POWER DISTRIBUTION.
- DISTRIBUTION BOARDS DB-A, DB-B AND DB-C.
- DB-A, DB-B AND DB-CW SUBMAINS FROM THE SITE MSB.
- DB-C SUBMAINS FROM DB-B.
- DB-LW SUBMAINS FROM DB-B.
- CABLE ACCESS WAYS.
- BORED UNDERGROUND CONDUITS.
- CIRCUITS.
- ISOLATORS AND OUTLETS.
- TESTING AND COMMISSIONING.
- REMOVAL OF ALL EXISTING ELECTRICAL SERVICES MADE REDUNDANT BY THE WORKS.

PROVIDE THE DISTRIBUTION BOARDS AS/WITH:

- SHOP DRAWINGS FOR APPROVAL.
- WALL MOUNTED.
- WHITE ESCUTCHEONS WITH LIFT OFF HINGES AND 1/4 TURN LATCHES TO SECURE THE ESCUTCHEON THAT REMAIN PART OF THE ESCUTCHEON.
- 92268 KEY LOCKABLE DOOR.
- FORM 1
- ENSURE ALL CABLE CONNECTIONS CAN BE THERMALLY SCANNED WITHOUT ISOLATING THE POWER.

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

7. COMMUNICATIONS CABLING

THE COMMUNICATIONS CABLING COMPONENT OF THIS CONTRACT INCLUDES, A NEW COMMUNICATIONS RACK CR-A IN THE HOMESTEAD BUILDING WITH A CAT 6 CABLING PLANT FOR ALL OF THE COMMUNICATIONS AND CCTV OUTLETS. THE BACKGROUND MUSIC AMPLIFIERS AND FUTURE AV EQUIPMENT WILL BE LOCATED IN CR-A. PROVIDE CR-A WITH A FOBOT AND A LC FULLY TERMINATED 12 CORE OSM OPTICAL FIBRE CABLE THROUGH THE EXISTING UNDERGROUND PIT AND CONDUIT SYSTEM TO A NEW FOBOT IN THE EXISTING ADMINISTRATION BUILDING COMMUNICATION RACK CR-ADMIN.

THE COMMUNICATIONS CABLE ACCESS INTO THE HOMESTEAD BUILDING IS VIA THE DB-A ACCESS TRENCH THEN UP THE WALL VIA A DEDICATED 150 WIDE COMMUNICATIONS CABLE TRAY TO THE ACCESSIBLE CEILING SPACE.

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

- COMMUNICATIONS RACK CR-A.
- OPTICAL FIBRE CABLE BETWEEN CR-A AND CR-ADMIN.
- FOBOTS.
- PATCH PANELS.
- CAT 6 COMMUNICATIONS OUTLETS AND CABLING.
- CAT 6 CCTV POINT AND CABLING.
- CABLE ACCESS WAYS.
- TESTING AND COMMISSIONING.

8. BACKGROUND MUSIC SYSTEM

PROVIDE THE HOMESTEAD WITH A SIX ZONE BACKGROUND MUSIC SYSTEM INCLUDING SPEAKERS AND AMPLIFIERS LOCATED IN THE COMMUNICATIONS RACK CR-A. PROVIDE TWO OFF 4 X 120W REDBACK A4310 AMPLIFIERS TO ACCOMMODATE THE SIX ZONES WITH THE AMPLIFIERS MOUNTED AT THE TOP OF THE RACK.

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

- SPEAKERS AND CABLING.
- AMPLIFIERS.
- BALANCING OF THE SPEAKERS.

NOTES

9. LIGHTING

ALL OF THE LIGHT FITTINGS, LAMPS AND ACCESSORIES ARE TO BE PROVIDED AS PART OF THIS CONTRACT. THE HOMESTEAD IS TO BE PROVIDED WITH A PHILIPS DYNALITE LIGHTING CONTROL SYSTEM. THE LIGHTING COMPONENT OF THIS CONTRACT INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING EXTENT OF WORK:

- LIGHTING.
- LIGHT FITTINGS AND ACCESSORIES.
- EMERGENCY AND EXIT LIGHTING.
- EARTHING OF THE LIGHTING INSTALLATION.
- LIGHTING CONTROL.
- PHILIPS DYNALITE LIGHTING CONTROL SYSTEM.
- LIGHTING SUBCIRCUITS.
- TESTING AND COMMISSIONING.

PROVIDE THE HOMESTEAD WITH 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.

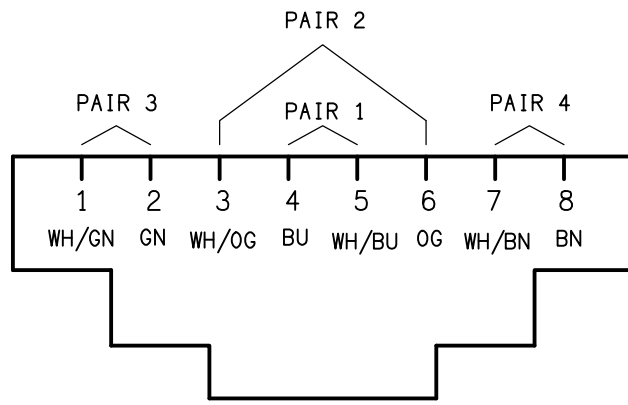
PROVIDE MAINTENANCE OF THE EMERGENCY AND EXIT LIGHTING INSTALLATION INCLUDING RECORDS IN ACCORDANCE WITH THE LATEST ISSUE OF ALL PARTS AS2293 AND THE RELEVANT PARTS OF THE NCC BCA. PROVIDE THE EMERGENCY LIGHTING SYSTEM WITH A SUPPLY SENSING AND TESTING FACILITY IN ACCORDANCE WITH AS 2293.1.

10. ABBREVIATIONS

- A - AMP CURRENT RATING
- AB - MOUNT ABOVE BENCH.
- AFFL - ABOVE FINISHED FLOOR LEVEL.
- BB - MOUNT BELOW BENCH.
- BH - MOUNT ON BULKHEAD.
- CEIL - MOUNT ON CEILING.
- CS - MOUNT WITHIN CEILING SPACE.
- C/W - COMPLETE WITH.
- DW - DISHWASHER.
- HP - HOT PLATE.
- MCB - MINIATURE CIRCUIT BREAKER.
- MCCB - MOULDED CASE CIRCUIT BREAKER.
- MSB - MAIN SWITCHBOARD.
- MW - MICROWAVE.
- N - NEON / LED INDICATOR WHEN ON.
- NTS - NOT TO SCALE.
- OV - OVEN.
- QDC - QUEENSLAND DEVELOPMENT CODE.
- RCBO - CIRCUIT BREAKER C/W AN INTEGRAL 30mA RESIDUAL CURRENT DEVICE.
- RCD - CIRCUIT PROTECTED VIA A 30mA RESIDUAL CURRENT DEVICE.
- REF - REFRIGERATOR.
- UNO - UNLESS NOTED OTHERWISE.
- WP - WEATHERPROOF TO IP56 UNO.
- 500 - NUMBER DENOTES MOUNTING HEIGHT AFFL.

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TRADING AS: ELECTRICAL DESIGN GROUP		USE FIGURED DIMENSIONS IN PREFERENCE TO SCALE.		28 TOMWIN STREET, CURRUMBIN, QUEENSLAND		SCALE: NTS	
		ALL DIMENSIONS TO BE VERIFIED ONSITE.		P.O.Box 15, Sherwood Q.4075 Phone: (07) 3278 4375 Email: brisbane@edg.net.au Web: www.edg.net.au		PROJECT NO: <b>C3031a</b>	
				GOLD COAST		DRAWING NO: <b>E06</b>	
						REVISION: <b>D</b>	
						AT A1	
						DATE: 07/11/2023	





**SCHEMATIC**  
RJ45 PINOUT CONFIGURATION  
NOT TO SCALE

**EQUIPMENT:**

TEST – TEST PUSH BUTTON MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.

RESET – RESET PUSH BUTTON MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.

LAMP – AMBER TEST INDICATING LAMP MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.

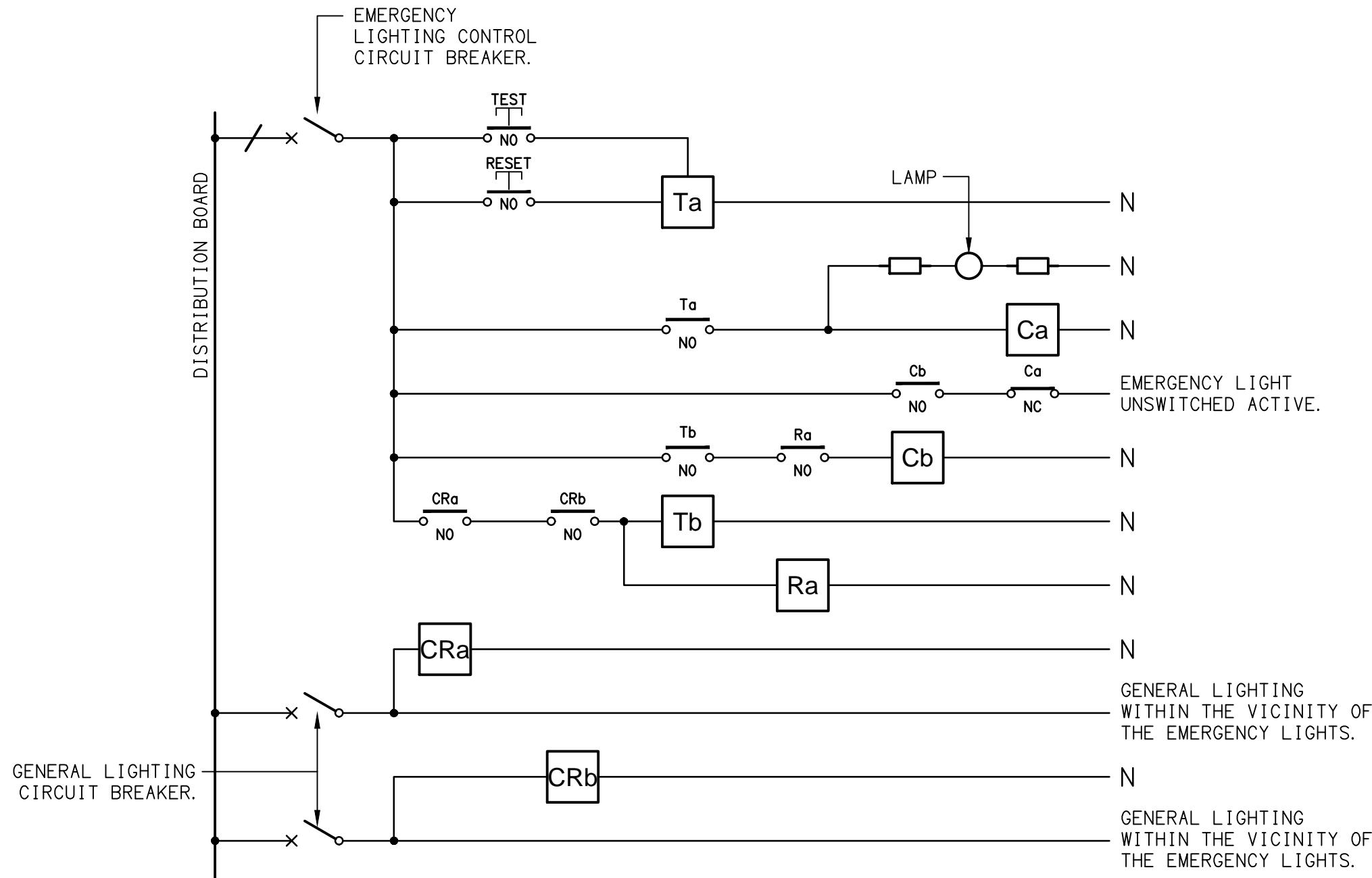
Ta – ADJUSTABLE 0-3 HOUR TIMED RELAY.

Tb – 15 MINUTE RUN-ON TIMER TO OPERATE UPON THE RETURN OF MAINS POWER.

Cx – CONTACTOR x.

CRx – CONTROL RELAY x.

Rx – RELAY x.

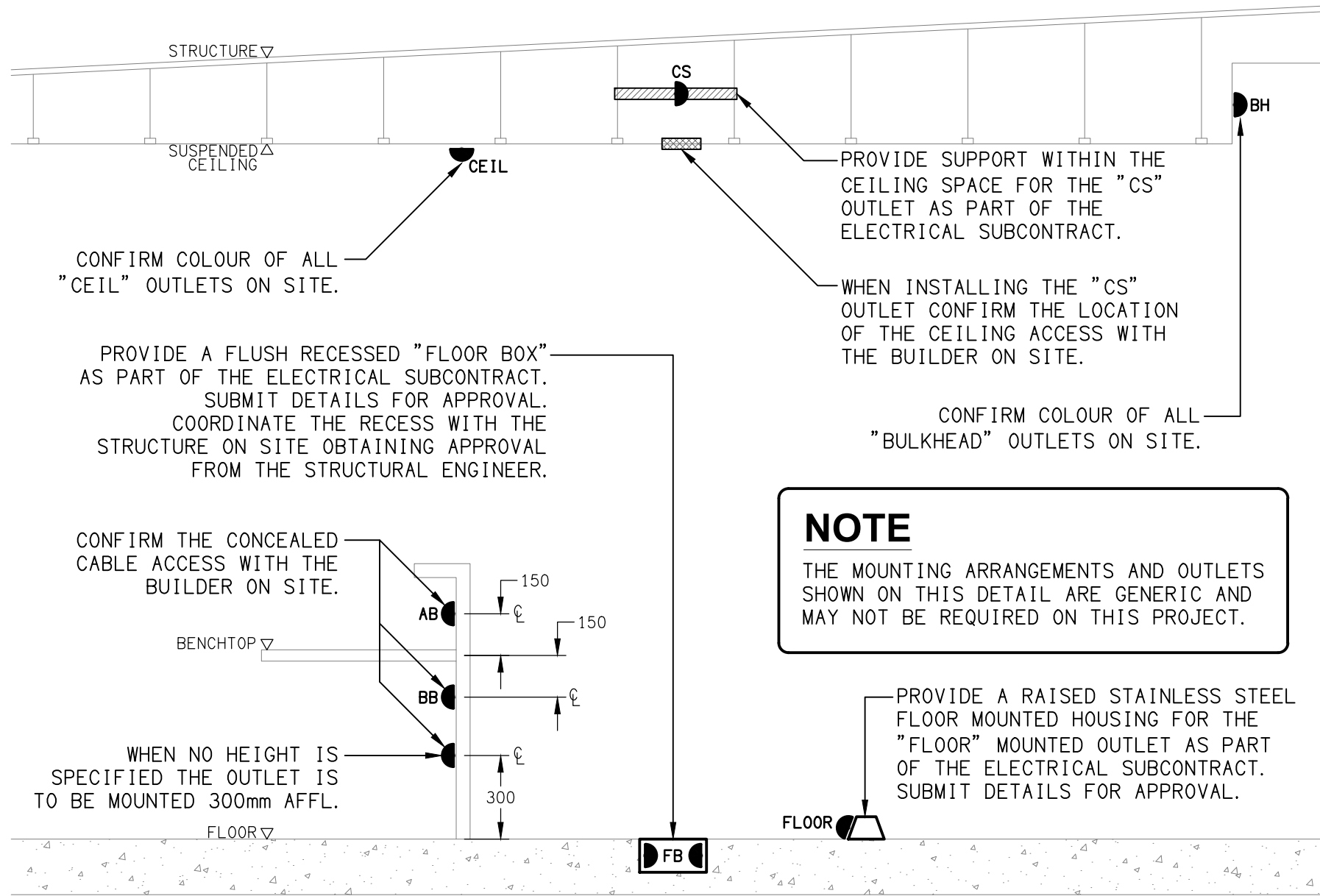


**NOTES**

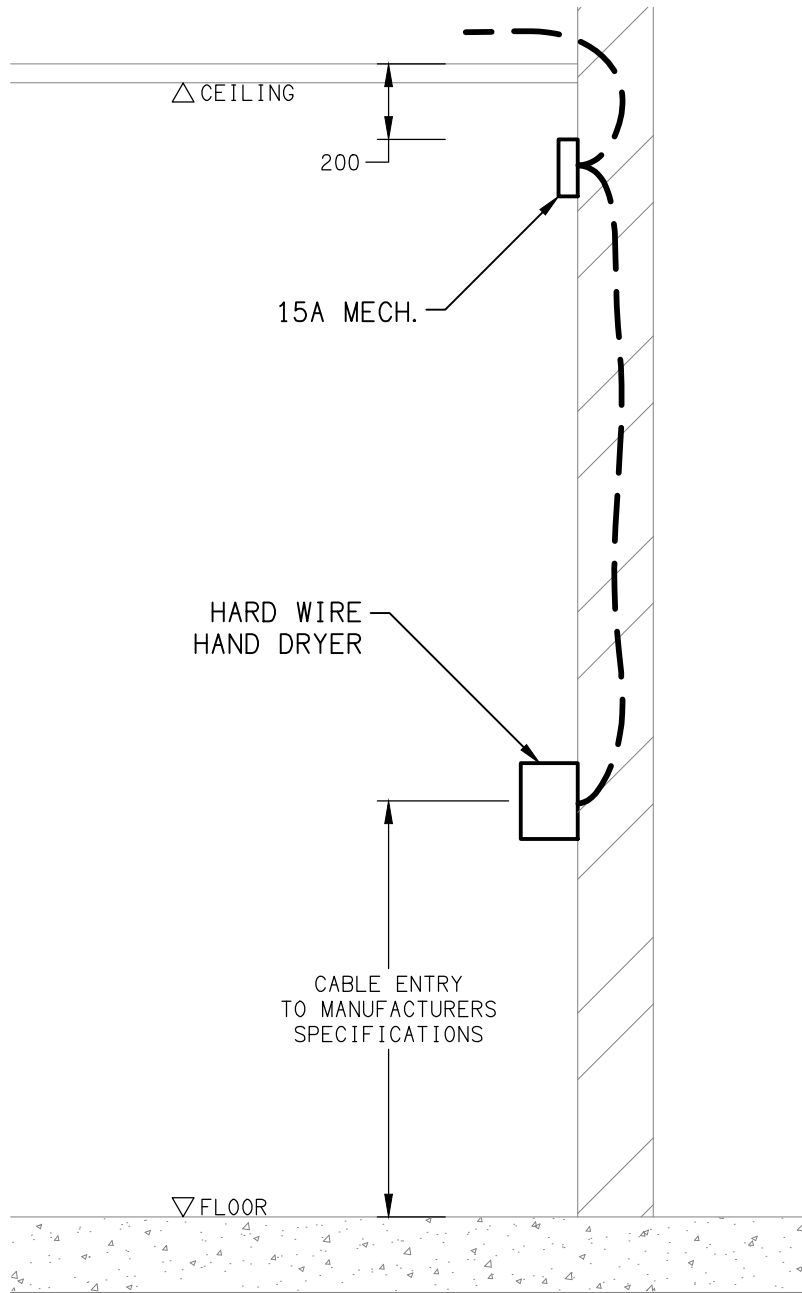
1. THE EMERGENCY LIGHT UNSWITCHED ACTIVE / GENERAL LIGHTING SWITCHED ACTIVE CIRCUIT ARRANGEMENT AND CONTROL IS TYPICAL FOR ALL CIRCUITS SUPPLYING EMERGENCY LIGHTS.

2. PROVIDE ADDITIONAL CONTROL RELAYS (CRx) CONFIGURED AS PER CRa AND CRb FOR ALL ADDITIONAL LIGHTING CIRCUITS THAT SUPPLY LIGHTS IN THE VICINITY OF THE EMERGENCY LIGHTS.

**SCHEMATIC**  
EMERGENCY LIGHTING  
NOT TO SCALE



**DETAIL**  
TYPICAL OUTLET MOUNTINGS  
NOT TO SCALE



**DETAIL**  
HAND DRYER CONNECTION  
NOT TO SCALE

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PROJECT:  
**CURRUMBIN WILDLIFE SANCTUARY  
AUSTRALIANA PRECINCT**

28 TOMWIN STREET, CURRUMBIN, QUEENSLAND

C	TENDER	11/08/2023
REV:	DESCRIPTION:	DATE:

DRAWING:  
**ELECTRICAL SERVICES  
DETAILS & SCHEMATICS**

SCALE: NOT TO SCALE	AT A1	PROJECT NO: <b>C3031a</b>	DRAWING NO: <b>E07</b>	REVISION: <b>C</b>
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