



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375

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

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C3684a-0001(B).xls

ELECTRICAL SERVICES CONTRACT DOCUMENT SCHEDULE

REVISION B - 05 MAY 2026

ISSUING INFORMATION				DATE OF ISSUE							
	DAY	09	05								
	MONTH	04	05								
	YEAR	26	26								
REASON FOR ISSUE				P	T						
A = APPROVAL C = CONSTRUCTION D = % DEVELOPED AS NOTED				P = PRELIMINARY				T = TENDER			

DISTRIBUTION		NUMBER OF COPIES									
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P = PRINT T = TRACING D = DISC		E = EMAIL		F = FAX							

DOCUMENTS		REVISION									
C3684a-E01.dwg	LEGEND & DETAILS	A	B								
C3684a-E02.dwg	NOTES	A	B								
C3684a-E03.dwg	SITE PLAN	A	B								
C3684a-E04.dwg	GROUND LEVEL FLOOR PLAN	A	B								
C3684a-E05.dwg	GROUND LEVEL REFLECTED CEILING PLAN	A	B								
C3684a-E06.dwg	MEZZANINE LEVEL FLOOR & CEILING PLANS	A	B								
C3684a-0001.xls	CONTRACT DOCUMENT SCHEDULE	A	B								
C3684a-0002.xls	EQUIPMENT SCHEDULE		A								
C3684a-0004.xls	DISTRIBUTION BOARD DB-A SCHEDULE		A								



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ELECTRICAL EQUIPMENT SCHEDULE

REVISION A - 05 MAY 2026

THE EQUIPMENT SUPPLIER CONTACT DETAILS MAY BE AVAILABLE ON THE EDG WEBSITE VIA THE FOLLOWING LINK
www.edg.net.au/links.html

TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
L01	28W 4000K LED	RECESSED 41 DEG DOWNLIGHT C/W REMOTE DRIVER	WHITE	GAMMA ILLUMINATION COBALT 1442-4K-28W	A
L02	13W 3000K LED	AMENITY RECESSED DOWNLIGHT C/W REMOTE DRIVER	WHITE	GAMMA ILLUMINATION MYLO 1004-WFL-4K-13W	A
L03	22W 3000K LED	RECESSED 32 DEG DOWNLIGHT C/W REMOTE DRIVER	WHITE	GAMMA ILLUMINATION CIBA 1218FL-3K-22W	A
L04	28W 4000K LED	RECESSED ADJUSTABLE 47 DEG DOWNLIGHT C/W REMOTE DRIVER	WHITE	GAMMA ILLUMINATION MERCURY 1287-4K-28W	A
L05	22W 4000K LED	RECESSED 62 DEG DOWNLIGHT C/W REMOTE DRIVER	WHITE	GAMMA ILLUMINATION COBALT 1441-4K-22W	A
L06	200W 4000K LED	SUSPENDED HIGH BAY C/W INTEGRAL DRIVER SUSPEND AS HIGH AS PRACTICAL	BLACK	GAMMA ILLUMINATION ORBIT 881503-4K-WFL	A
L07	150W 4000K LED	SUSPENDED HIGH BAY C/W INTEGRAL DRIVER SUSPEND AS HIGH AS PRACTICAL	BLACK	GAMMA ILLUMINATION ORBIT 881483-4K-WFL	A
L08	45W LED 4000K	1200 LONG IP65 DIFFUSED BATTEN C/W INTEGRAL ELECTRONIC CONTROL GEAR AND A NON MAINTAINED AS2293 EMERGENCY PACK SUSPENDED / SURFACE MOUNTED AS REQUIRED. THE L08 FITTINGS ARE NOT SWITCHED AND ARE TO ONLY OPERATE UPON POWER SUPPLY FAILURE IN ACCORDANCE WITH AS2293	NA	GAMMA ILLUMINATION STORM 1311-4K	A
L09	45W LED 4000K	1200 LONG IP65 DIFFUSED BATTEN C/W INTEGRAL ELECTRONIC CONTROL GEAR SUSPENDED / SURFACE MOUNTED AS REQUIRED. T	NA	GAMMA ILLUMINATION STORM 1311-4K	A
L10	26W 4000K	600 x 600 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER MOUNTED IN A SURFACE MOUNTING KIT	WHITE TRIM	GAMMA ILLUMINATION AXIS 1548-4K-26W C/W SURFACE MOUNTING KIT	A
H01	PROVIDE H01 AS A 3200 DIA UNIFORMLY ILLUMIATED OPAL PANEL UTILISING 4000K LEDS WITH WHITE SUSPENSIONS AND TRIMS AND THE UNDERSIDE AT 3300 AFFL. PROVIDE A SHOP DRAWING FOR APPROVAL. 5000 LUMEN PER SQUARE METER. THE SIDE HEIGH OF THE SUSPENSION MUST NOT EXCEED 125MM.				A
H02	PROVIDE H02 AS A 2000 X 4000 A UNIFORMLY ILLUMIATED OPAL PANEL UTILISING 4000K LEDS WITH WHITE SUSPENSIONS AND TRIMS AND THE UNDERSIDE AT 3300 AFFL. PROVIDE A SHOP DRAWING FOR APPROVAL. 5000 LUMEN PER SQUARE METER. THE SIDE HEIGH OF THE SUSPENSION MUST NOT EXCEED 125MM				A
H03	PROVIDE H03 AS A 2000 X 4000 A UNIFORMLY ILLUMIATED OPAL PANEL UTILISING 4000K LEDS WITH WHITE SUSPENSIONS AND TRIMS AND THE UNDERSIDE AT 3300 AFFL. PROVIDE A SHOP DRAWING FOR APPROVAL. 5000 LUMEN PER SQUARE METER. THE SIDE HEIGH OF THE SUSPENSION MUST NOT EXCEED 125MM				A

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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
E1	LED	EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D63 - C90-D63.	WHITE	CLEVERTRONICS LLIFE	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
EX FOH	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	WHITE	CLEVERTRONICS LUBPRO-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
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 1100mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES 30USM	A
PROXIMITY DETECTOR SWITCH (PD)		ADJUSTABLE FLUSH RECESSED 360 DEGREE 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. SUBMIT DETAILS OF THE MOVEMENT DETECTOR SWITCH FOR APPROVAL PRIOR TO ORDERING	WHITE	CLIPSAL	A
SWITCH PANEL (SP1)		CONTROL SWITCH PANEL TO BE PROVIDED AS PER THE CONTROL SCHEMATIC ENGRAVE THE USE OF EACH SWITCH WITH BLACK TEXT	STAINLESS STEEL	CLIPSAL B SERIES 30USM	A
SWITCH PANEL (SP2)		CONTROL SWITCH PANEL TO BE PROVIDED AS PER THE CONTROL SCHEMATIC ENGRAVE THE USE OF EACH SWITCH WITH BLACK TEXT	STAINLESS STEEL	CLIPSAL B SERIES 30USM	A



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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
SPECIAL PURPOSE POWER OUTLET		SPECIAL PURPOSE POWER OUTLET. MOUNT AT 300mm AFFL U.N.O. RATING 10A U.N.O. SIZE AND TYPE AS NOTED	-	-	A
SINGLE POWER OUTLET		SINGLE POWER OUTLET C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNT AT 300 AFFL U.N.O.	WHITE	CLIPSAL C2000 SERIES	A
DOUBLE POWER OUTLET		DOUBLE POWER OUTLET C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNT AT 300 AFFL U.N.O	WHITE	CLIPSAL C2000 SERIES	A
SINGLE POWER OUTLET FOR THE AUTO DOOR (AD)		SINGLE 10 AMP POWER OUTLET C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNTED WITHIN THE AUTO DOOR MULLION	WHITE	CLIPSAL C2000 SERIES	A
WEATHERPROOF POWER OUTLET (WP)		IP54 WEATHERPROOF SINGLE / DOUBLE POWER OUTLET AS NOTED ON DRAWING C/W COVER FLAP OVER SOCKET. MOUNT AT MINIMUM 1100mm AFFL U.N.O. RATING 10A U.N.O.	-	CLIPSAL WSCF227F	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 HD DETAIL	WHITE UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES	A
HOIST DROPPER OUTLET (HR)		DOUBLE POWER OUTLET C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNT AT 1000 AFFL ON THE HOIST SUPPORT. SUPPLY THE OUTLET FROM ABOVE	BLACK	CLIPSAL C2000 SERIES	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
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. "RSD" DENOTES ROLLER SHUTTER DOOR SUPPLY - COORDINATE LOCATION ONSITE WITH MOTOR.	-	CLIPSAL WHT35	A
FLOOR BOX TYPE 1 (FB1)		INSITU FLUSH FLOOR BOX C/W A DOUBLE GPOS+ FACILITY FOR A COMMUNICATIONS OUTLETS FACEPLATE. PROVIDE A 32 DIA CONDUIT C/W A SPARE DRAW WIRE FROM THE REAR OF THE COMMUNICATIONS FACEPLATE TO THE CEILING SPACE ABOVE THE COMMUNICATIONS RACK CR-B. PROVIDE THE GPOS AS PER THE STANDARD DESCRIPTIONS.	STAINLESS STEEL	ECD FB2SHD	A

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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
CAT 6 COMMUNICATIONS OUTLET		RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO THE COMMUNICATIONS RACK CR-A TERMINATED ONTO FACILITY PATCH PANELS VIA 4-PAIR CAT-6 UTP CABLE. MOUNT UP TO 3 RJ45 OUTLETS PER MULTI-GANG FACEPLATE WITH SEPARATE PERMANENT LABELLING FOR EACH OUTLET.	WHITE	CLIPSAL C2000 SERIES FACEPLATE	A
COMMUNICATIONS RACK CR-A		PROVIDE CR-A AS A 800 DEEP 22 RU HINGED WALL MOUNTED 19 INCH COMMUNICATIONS C/W LOCKABLE CLEAR DOOR, VENTILATED TOP / SIDES, PATCH PANELS AND CABLE MANAGEMENT TO ACCOMMODATE THE COMMUNICATION OUTLETS. PROVIDE DETAILS OF THE RACK FOR APPROVAL PRIOR TO ORDERING.			A
SPEAKER RECESSED		15W CEILING RECESSED MULTI TAP 100V 8 OHM PUBLIC ADDRESS DUAL CONE SPEAKER CABLED BACK TO THE ASSOCIATED AMPLIFIER WITHIN THE COMMUNICATIONS RACK VIA 1.5MM MARKED FIG 8 CABLE.	WHITE	AUSTRALIAN MONITOR QF8CS	A
DB-A		DISTRIBUTION BOARD DB-A AS PER THE DB-A SCHEDULE AND NOTES. PROVIDE A SHOP DRAWING OF DB-A FOR APPROVAL.			A
MSB		EXISTING MAIN SWITCHBOARD TO BE MODIFIED AS PER THE NOTES.			A
MSSB		MECHANICAL SERVICES SWITCHBOARD PROVIDE AS PART OF THE MECHANICAL SERVICES.			A
ELECTRIC VEHICLE CHARGER (EVC)		ALLOW TO INSTALL A 22KW ELECTRIC VEHICLE CHARGER. ALLOW A PC SUM OF \$3,000.00 PLUS GST FOR THE SUPPLY OF EACH EV CHARGER.			A
ELECTRIC VEHICLE CHARGING ISOLATION SWITCH (CIS)		ELECTRIC VEHICLE CHARGING ISOLATION SWITCH PUSH BUTTON WIRED TO THE EV CHARGER SUPPLY CIRCUIT BREAKER SHUNT TRIP TO ISOLATE THE POWER TO THE ELECTRIC VEHICLE CHARGERS. MOUNTED AT 1800mm AFFL UNLESS NOTED OTHERWISE. PROVIDE COLOURED ENGRAVED TEXT AS PER THE CIS ELEVATION.	WHITE	CLIPSAL C2000 SERIES 30USM	A
CHANNEL x		CONTROL CHANNEL WITH A NUMERICAL REFERENCE. REFER TO THE POWER AND LIGHTING CONTROL SCHEMATIC			A
CABLE TRAY		GALVANIZED CABLE TRAY SIZED AS INDICATED COMPLIANT WITH AS1170.4 ALL CABLE TRAYS WITHIN THE WORKSHOP ARE TO BE AT 5000 AFFL.			A
SECURITY EQUIPMENT		SECURITY EQUIPMENT TO BE PROVIDED BY THE SPECILIST SECURITY CONTRACTOR			A



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DISTRIBUTION BOARD DB-A (GROUND LEVEL)

REVISION A - 05 MAY 2026

							REV
FAULT CURRENT:		6KA USING CASCADING		MAIN SWITCH:		250A NON AUTO LOAD BREAK SUPPLIED FROM: MSB SUPPLY CABLE: 4C70	A
CHASSIS SIZE:		96 POLE		SUPPLIED FROM:			A
CHASSIS RATING:		250A		SUPPLY CABLE:			A
PHASES:		3					A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. EACH CUBICAL MUST BE 800 WIDE. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	MEZZANINE	MAINTENANCE	A
P2	1	20	RCBO	2.5	MEZZANINE	CRA	A
P3	1	20	RCBO	2.5	MEZZANINE	TRAINING	A
P4	1	20	RCBO	2.5	MEZZANINE	PLANT	A
P5	3	40	MCB	6.0	MEZZANINE	COMPRESSOR	A
P6	1	20	RCBO	2.5	SHOWROOM	GPO	A
P7							A
P8	1	20	RCBO	2.5	SHOWROOM	GPO	A
P9	1	20	RCBO	2.5	SHOWROOM	GPO	A
P10	1	20	RCBO	2.5	SHOWROOM	GPO	A
P11	1	20	RCBO	2.5	SHOWROOM	GPO	A
P12	1	20	RCBO	2.5	SHOWROOM	CLEANING	A
P13	1	20	RCBO	2.5	SHOWROOM	AUTO DOOR	A
P14	1	20	RCBO	2.5	AMENITY	HD	A
P15	3	40	MCB	6.0		19.7KW HWS	A
P16	1	20	RCBO	2.5	SHOWROOM	GPO	A
P17	1	20	RCBO	2.5	SHOWROOM	GPO	A
P18	1	20	RCBO	2.5	SHOWROOM	TV	A
P19	1	20	RCBO	2.5	KITCHEN	COFFEE	A
P20	1	20	RCBO	2.5	KITCHEN	GPO	A
P21	1	20	RCBO	2.5	KITCHEN	REF	A
P22	1	20	RCBO	2.5	KITCHEN	DW	A
P23	1	20	RCBO	2.5	KITCHEN	AUTO BOILER	A
P24	3	40	MCB	6.0	KITCHEN	19.7KW HWS	A
P25	1	20	RCBO	2.5	WORKSHOP	PUMP	A
P26	1	20	RCBO	2.5	WORKSHOP	CLEANING	A
P27	1	20	RCBO	2.5	WORKSHOP	GPO	A
P28	1	20	RCBO	2.5	WORKSHOP	GPO	A
P29	1	20	RCBO	2.5	WORKSHOP	TOOLS	A
P30	1	20	RCBO	2.5	WORKSHOP	GPO	A
P31	1	20	RCBO	2.5	CUST KIT	GPO	A
P32	1	20	RCBO	2.5	WORKSHOP	SERVICE	A
P33	3	20	RCBO	2.5	WORKSHOP	RSD	A
P34	1	20	RCBO	2.5	WORKSHOP	SERVICE	A
P35	1	20	RCBO	2.5	WORKSHOP	SERVICE	A
P36	3	20	RCBO	2.5	WORKSHOP	HOIST	A
P37	3	20	RCBO	2.5	WORKSHOP	HOIST	A
P38	3	20	RCBO	2.5	WORKSHOP	HOIST	A



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






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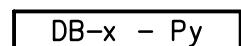















DISTRIBUTION BOARD DB-A (GROUND LEVEL)

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







FAULT CURRENT: 6KA USING CASCADING CHASSIS SIZE: 96 POLE CHASSIS RATING: 250A PHASES: 3 MAIN SWITCH: 250A NON AUTO LOAD BREAK SUPPLIED FROM: MSB SUPPLY CABLE: 4C70							REV
							A
							A
							A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. EACH CUBICAL MUST BE 800 WIDE. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
L1	1	20	RCBO	2.5	GROUND	LIGHTING	A
L2	1	20	RCBO	2.5	GROUND	LIGHTING	A
L3	1	20	RCBO	2.5	GROUND	LIGHTING	A
L4	1	20	RCBO	2.5	GROUND	LIGHTING	A
L5	1	20	RCBO	2.5	GROUND	LIGHTING	A
L6	1	20	RCBO	2.5	GROUND	LIGHTING	A
L7	1	20	RCBO	2.5	GROUND	LIGHTING	A
L8	1	20	RCBO	2.5	GROUND	LIGHTING	A
L9	1	20	RCBO	2.5	GROUND	LIGHTING	A
L10	1	20	RCBO	2.5	GROUND	LIGHTING	A
L11	1	20	RCBO	2.5	GROUND	LIGHTING	A
L12	1	20	RCBO	2.5	GROUND	LIGHTING	A
L13	1	20	RCBO	2.5	GROUND	LIGHTING	A
L14	1	20	RCBO	2.5	GROUND	LIGHTING	A
L15	1	20	RCBO	2.5	GROUND	LIGHTING	A
L16	1	20	RCBO	2.5	MEZZANINE	LIGHTING	A
L17	1	20	PE CELL ON DUSK OFF	2.5	EXTERNAL	SIGN	A
L18	1	20	PE CELL ON DUSK OFF	2.5	EXTERNAL	SIGN	A

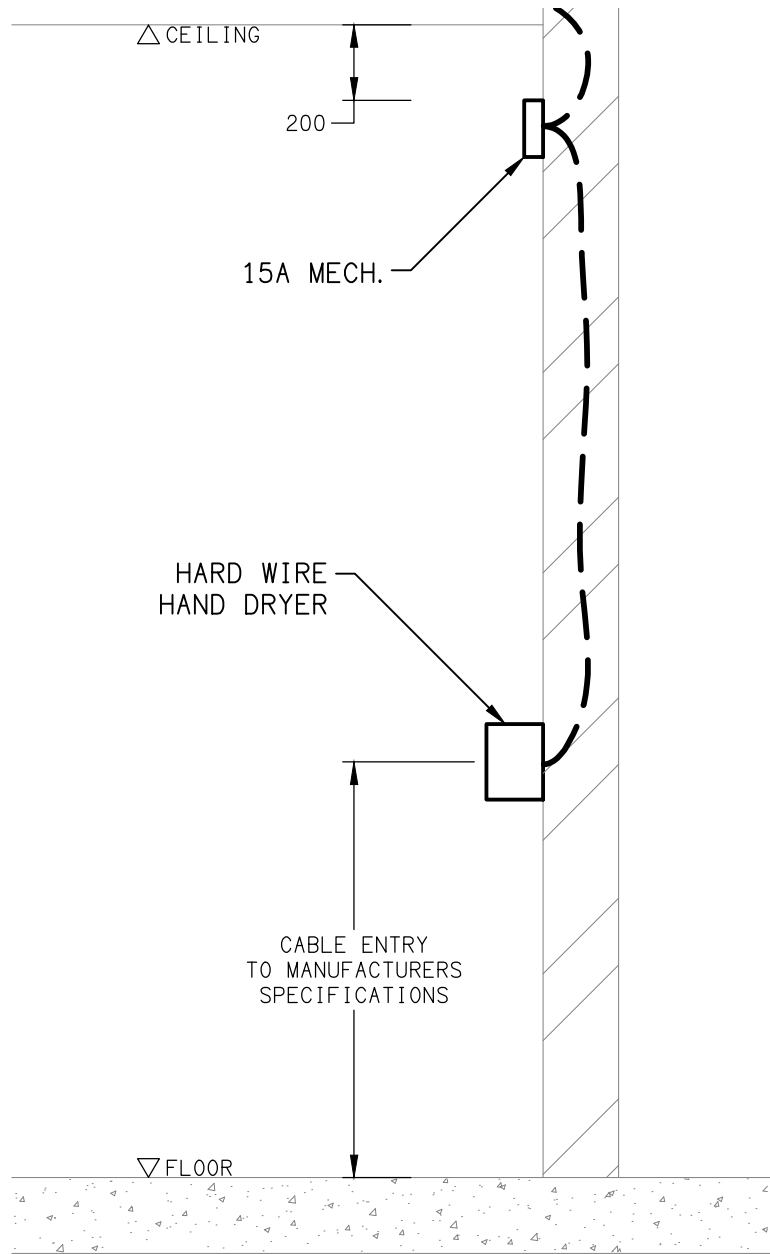
LEGEND

-  ELECTRICAL SERVICES SWITCHBOARD.
-  SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF THE ELECTRICAL SUBCONTRACT.
-  ELECTRICAL CABLE TRAY AS NOTED.
-  SINGLE POWER OUTLET.
-  DOUBLE POWER OUTLET.
-  HOIST DROPPER OUTLET.
-  SPECIAL PURPOSE POWER OUTLET.
-  SIGN OUTLET / CONNECTION.
-  SINGLE PHASE ISOLATOR.
-  THREE PHASE ISOLATOR.
-  ELECTRICAL FLOOR BOX, TYPE AS NOTED.
-  HAND DRYER CONNECTION.
-  22KW ELECTRIC VEHICLE CHARGER.
-  ELECTRIC VEHICLE CHARGING ISOLATION SWITCH.
-  LIGHTING CONTROL SWITCH PANEL, TYPE AS NOTED.
-  LIGHTING PRESENCE DETECTOR.
-  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 CAT-6 COMMUNICATIONS OUTLET.
-  RECESSED SPEAKER.
-  NBN PREMISE CONNECTION DEVICE.
-  NBN NETWORK TERMINATION DEVICE.
-  REFER TO DETAIL NOTED FOR THE AREA SHOWN HATCHED. ADDITIONAL OUTLETS & FITTINGS MAY BE SHOWN ON DETAIL.
-  E1: GENERAL LED EMERGENCY LIGHT.
-  EX: EMERGENCY LED EXIT LIGHT.
-  Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK. TYPE AS NOTED.
-  L01: SHOWROOM RECESSED DOWNLIGHT, WHITE.
-  L02: AMENITY RECESSED DOWNLIGHT, WHITE.
-  L03: LOUNGE RECESSED DOWNLIGHT, WHITE.
-  L04: SHOWROOM RECESSED ADJUSTABLE DOWNLIGHT, WHITE.
-  L05: OFFICE RECESSED DOWNLIGHT, WHITE.

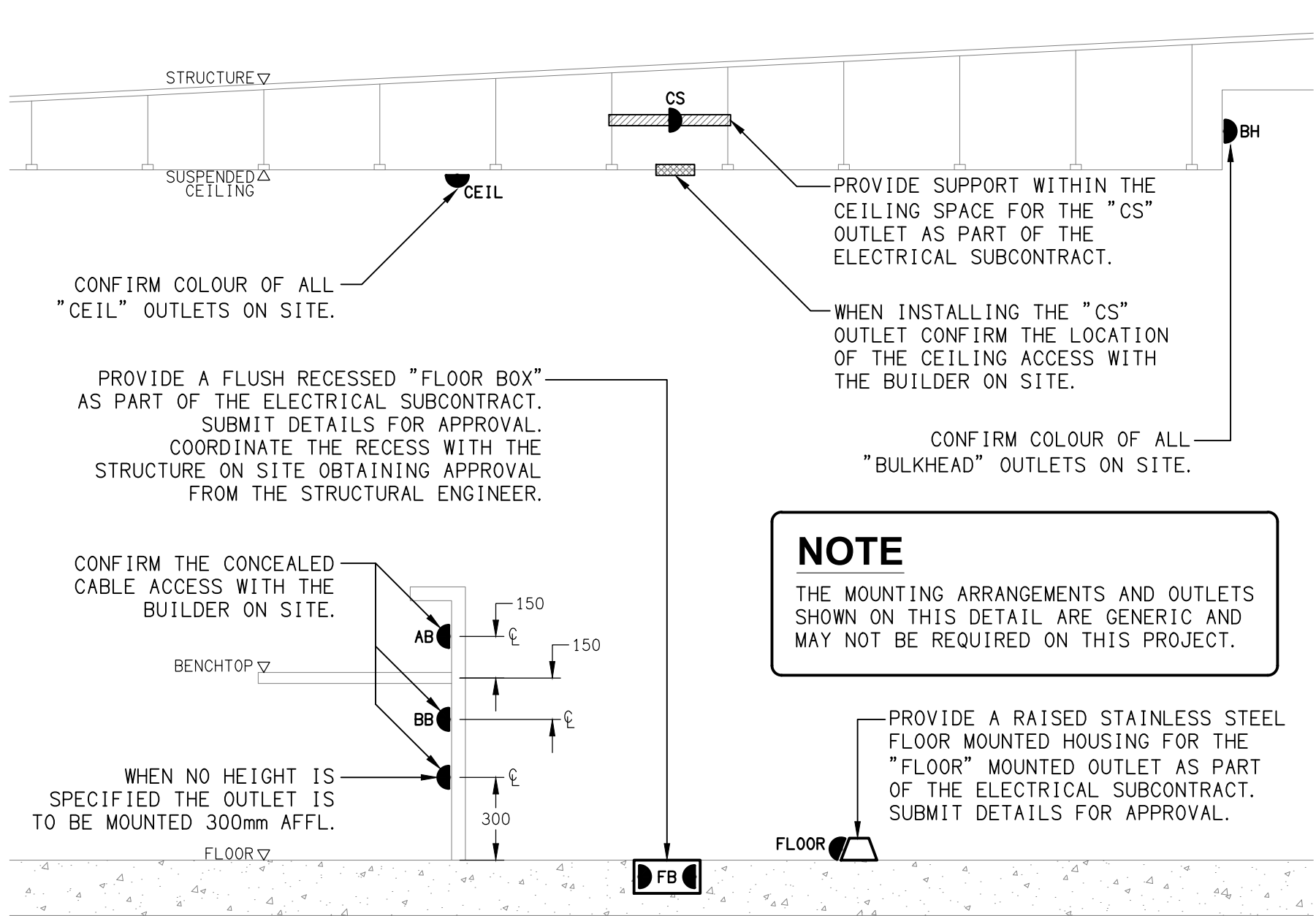
LEGEND

-  L06: WORKSHOP SUSPENDED HIGH BAY LIGHT, BLACK.
-  L07: WORKSHOP SUSPENDED HIGH BAY LIGHT, BLACK.
-  L08: 1200 LONG IP65 BATTEN C/W EMERGENCY PACK.
-  L09: 1200 LONG IP65 BATTEN.
-  L10: 600 x 600 SURFACE MOUNTED LED PANEL.
-  H01: FEATURE HERO SUSPENDED LIGHT.
-  H02: FEATURE HERO SUSPENDED LIGHT.
-  H03: FEATURE HERO SUSPENDED LIGHT.



DETAIL

HAND DRYER CONNECTION
NOT TO SCALE

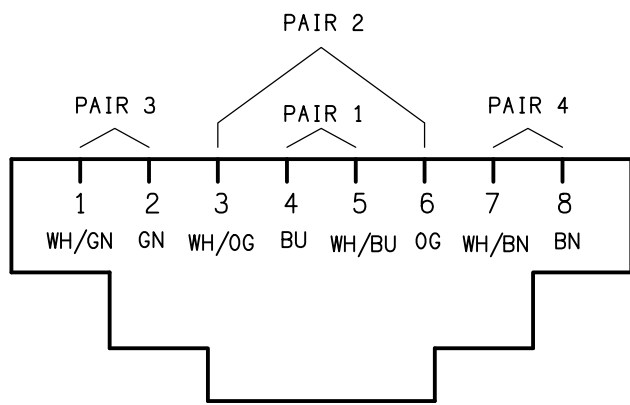


DETAIL

TYPICAL OUTLET MOUNTINGS
NOT TO SCALE

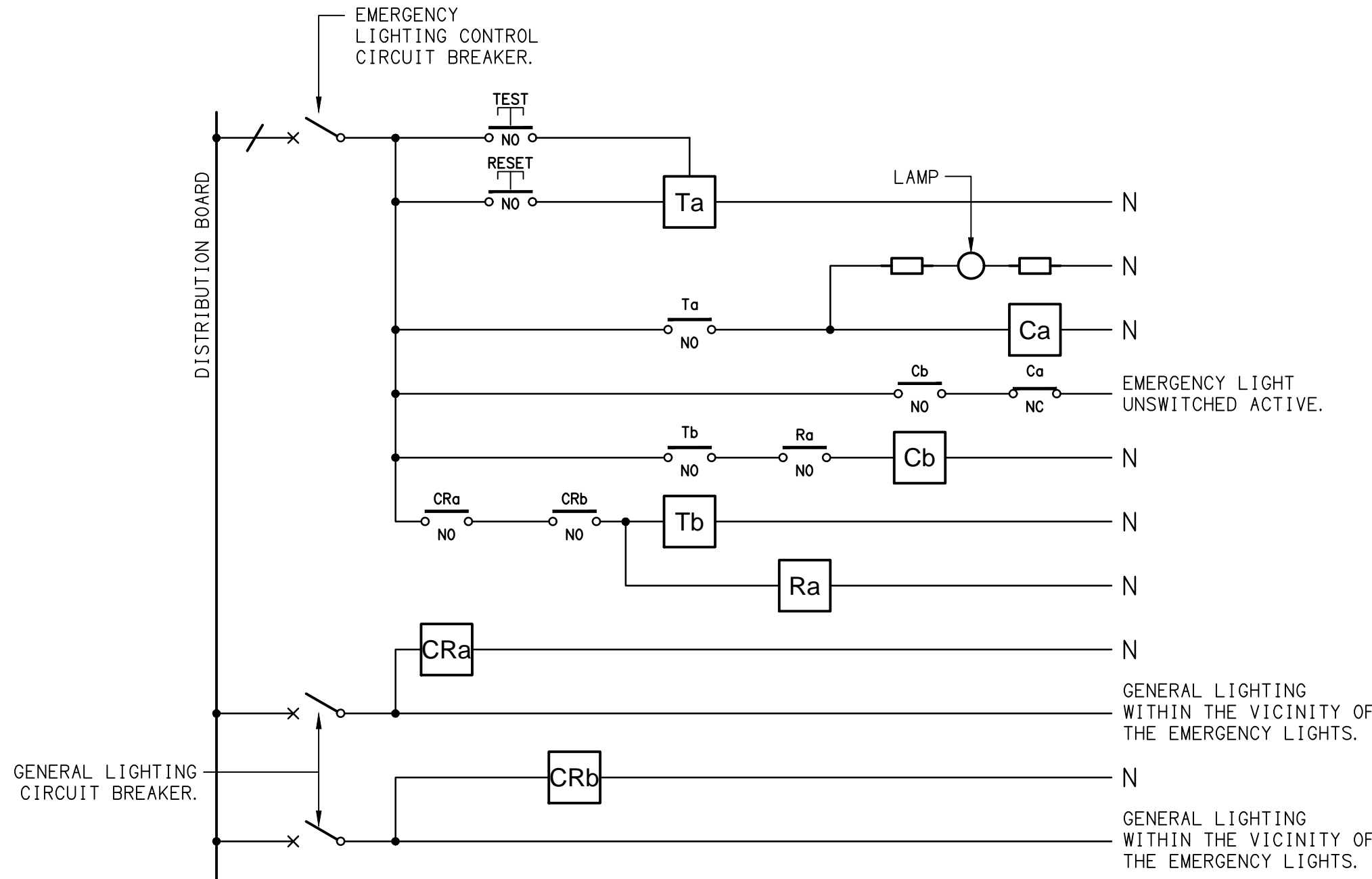
EQUIPMENT:

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



SCHEMATIC

RJ45 PINOUT CONFIGURATION
NOT TO SCALE



NOTES

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

SCHEMATIC

EMERGENCY LIGHTING
NOT TO SCALE

<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> ELECTRICAL DESIGN GROUP ELECTRICAL BUILDING SERVICES CONSULTANTS 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>PROJECT: CBMG BOWEN HILLS</div>	<div>DRAWING: ELECTRICAL SERVICES LEGEND & DETAILS</div>	
	<div>USE FIGURED DIMENSIONS IN PREFERENCE TO SCALE.</div>		<div>16 BURROWS STREET, BOWEN HILLS</div>		
	<div>ALL DIMENSIONS TO BE VERIFIED ONSITE.</div>		<div>SCALE: NOT TO SCALE AT A1</div>	<div>PROJECT NO: C3684a</div>	<div>DRAWING NO: E01</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.
- CO-ORDINATION.
- INSPECTIONS.
- TESTING AND COMMISSIONING.
- MAINTENANCE.
- AS BUILT DRAWINGS.
- OPERATION AND MAINTENANCE MANUAL.
- CABLING, CABLE SUPPORT SYSTEMS AND ACCESS.
- POWER DISTRIBUTION.
- LIGHTING.
- COMMUNICATIONS CABLING.
- BACKGROUND MUSIC.
- 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.

ALL OF THE EXISTING ELECTRICAL SERVICES ARE TO BE REMOVED INCLUDING ANY EXISTING ELECTRICAL SERVICES WITHIN THE AREA OF THE EXISTING SITE THAT IS TO BE RESUMED INTO THE ROAD RESERVE.

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.

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.

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.

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.
- ENERGEX REQUIREMENTS.
- THE QUEENSLAND ELECTRICITY CONNECTION MANUAL V4 (QECM) AND THE NATIONAL ELECTRICITY METERING STANDARDS (NEM).
- AS/NZS3000.
- AS3008.
- LOCAL BRIGADE.
- WORKPLACE HEALTH AND SAFETY ACT.
- TELECOMMUNICATIONS ACT.
- ACMA REQUIREMENTS.

3. AUTHORITIES

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

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

4. 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

5. POWER DISTRIBUTION

WITHIN ONE WEEK OF BEING AWARDED THE CONTRCT, UNDERTAKE AN INVESTIGATION AND ESTABLISH THE SIZE OF THE EXISTING ENERGEX FUSES THAT SUPPLY THE PROPERTY AND ADVISE THE ARCHITECT AND THE ELECTRICAL DESIGN GROUP OF THE SIZE.

REMOVE THE THREE EXISTING CIRCUITS SUPPLIED FROM THE MSB AND RESUPPLY THEM FROM THE NEW DB-A. THE EXISTING SUPPLY TO THE ADMINISTRATION DB IS TO REMAIN.

PROVIDE A NEW THREE PHASE 100AMP MCB TO SUPPLY THE NEW MSSB VIA A NEW 4C+E 35MM Cu SUBMAIN.

PROVIDE A NEW THREE PHASE 100AMP MCB TO SUPPLY THE NEW MSSB VIA A NEW 4C+E 35MM Cu SUBMAIN.

PROVIDE TWO NEW THREE PHASE 40 AMP MCBS WITH EACH TO SUPPLY ONE OF THE 22KW EV CHARGERS VA A 4C+E Cu 10MM CIRCUIT. PROVIDE THE MCBS SUPPLYING THE EV CHARGERS WITH SHUNT TRIPS CONTROLLED VIA THE ELECTRIC VEHICLE CHARGING ISOLATION SWITCH (CIS). PROVIDE THE MSB WITH A DEMNAND MANAGEMENT SYSTEM INTERFACED TO THE TWO EV CHARGERS TO ENSURE THE DEMAND DOES NOT EXCEED THE ENERGEX FUSE RATING. PROVIDE DETAILS OF THE DEMAND MANAGEMENT SYSTEM FOR APPROVAL.

PROVIDE A NEW THREE PHASE 100AMP MCB TO SUPPLY THE NEW DB-A VIA A NEW 4C+E 35MM Cu SUBMAIN.

PROVIDE THE DISTRIBUTION BOARD DB-A 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 POWER DISTRIBUTION COMPONENT OF THIS CONTRACT INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING EXTENT OF WORK:

- POWER DISTRIBUTION.
- MAIN SWITCHBOARD MODIFICATIONS.
- SUBMAINS.
- DISTRIBUTION BOARD DB-A.
- CABLE ACCESS WAYS.
- CIRCUITS.
- ISOLATORS AND OUTLETS.
- TESTING AND COMMISSIONING.
- THERMOSCAN THE MSB AND THE DISTRIBUTION BOARD 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.

6. LIGHTING

THE LIGHTING COMPONENT OF THE ELECTRICAL SERVICES SUB-CONTRACT INCLUDES ALL OF THE INTERNAL AND EXTERNAL LIGHT FITTINGS, LAMPS AND ACCESSORIES. PROVIDE ALL NECESSARY ACCESSORIES TO FACILITATE THE COMPLETE LIGHTING INSTALLATION. THE LIGHTING COMPONENT OF THE ELECTRICAL SERVICES SUB-CONTRACT INCLUDES THOUGH IT IS NOT LIMITED TO THE FOLLOWING EXTENT OF WORK:

- INTERNAL LIGHTING.
- EMERGENCY AND EXIT LIGHTING.
- EARTHING OF THE LIGHTING INSTALLATION.
- LIGHTING CONTROL.
- LIGHTING SUBCIRCUITS.
- TESTING AND COMMISSIONING.
- ALL EXISTING LIGHTING THAT REMAINS IS TO BE RECONNECTED.

PROVIDE A SINGLE POINT EMERGENCY LIGHTING SYSTEM THAT COMPLIES WITH THE LATEST ISSUE OF ALL PARTS AS2293 AND THE RELEVANT PARTS OF THE NCC BCA. INSTALL EMERGENCY LIGHT FITTINGS NOMINATED AS MAINTAINED WITH THE LAMP PERMANENTLY ON SUPPLIED VIA AN UNSWITCHED ACTIVE MAINS SUPPLY WHEN THE MAINS SUPPLY IS AVAILABLE. WHEN THE MAINS SUPPLY IS NOT AVAILABLE, THE LAMP IS TO REMAIN ON SUPPLIED BY THE EMERGENCY PACK. SINGLE LAMP MAINTAINED EMERGENCY LIGHTS ARE NOT SWITCHED WITH THE LOCAL GENERAL AREA LIGHTING. (THE LAMP IS ALWAYS ON.)

INSTALL EMERGENCY LIGHT FITTINGS NOMINATED AS NON-MAINTAINED AS FOLLOWS:

- IF THE FITTING IS NOT BEING SWITCHED, THE LAMP IS TO REMAIN OFF WHEN THE MAINS SUPPLY IS AVAILABLE. WHEN THE MAINS SUPPLY IS NOT AVAILABLE THE LAMP IS TO BE SWITCHED ON SUPPLIED BY THE EMERGENCY PACK. UNSWITCHED SINGLE LAMP NON-MAINTAINED EMERGENCY LIGHTS ARE NOT SWITCHED WITH THE LOCAL GENERAL AREA LIGHTING. (THE LAMP IS ON ONLY WHEN THE MAINS SUPPLY IS NOT AVAILABLE.)
- IF THE FITTING IS BEING SWITCHED, THE LAMP IS TO BE SUPPLIED AND CONTROLLED WITH THE LOCAL GENERAL AREA LIGHTING WHEN THE MAINS SUPPLY IS AVAILABLE. WHEN THE MAINS SUPPLY IS NOT AVAILABLE THE LAMP IS TO BE SWITCHED ON, SUPPLIED BY THE EMERGENCY PACK. (THE LAMP IS ON WHEN TURNED ON WITH THE LOCAL GENERAL LIGHTING OR THE MAIN SUPPLY IS NOT AVAILABLE.)

7. TELECOMMUNICATIONS SERVICE

THE COMMUNICATIONS CABLING COMPONENT OF THIS CONTRACT INCLUDES THE PROVISION OF A NEW COMMUNICATIONS RACK CR-A. ALL OF THE NEW COMMUNICATIONS OUTLETS ARE TO BE SUPPLIED FROM PATCH PANELS IN THE NEW COMMUNICATIONS RACK CR-A. PROVIDE A NEW NBN SERVICES TO A RACK MOUNTED NTU LOCATED WITHIN CR-A.

RESUPPLY ALL OF THE EXISTING COMMUNICATIONS OUTLETS THAT REMAIN FROM NEW PATCH PANELS IN CR-A.

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 IS TO BE RUN TO PATCH PANELS WITHIN RACK CR-A.

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

- COMMUNICATIONS RACK.
- CAT 6 COMMUNICATIONS OUTLETS AND CABLING.
- CAT 6 PATCH PANELS.
- CABLE ACCESS WAYS.
- TESTING AND COMMISSIONING.

NOTES

8. BACKGROUND MUSIC.

THE BACKGROUND MUSIC COMPONENT OF THIS CONTRACT INCLUDES MULTI TAP 100V SPEAKERS CABLED TO A POWER AMPLIFIER MOUNTED WITH IN THE TOP OF COMMUNICATIONS RACK CR-A. PRIOR TO PRACTICAL COMPLETION, PROVIDE A TEMPORARY MUSIC SOURCE TO AIM / BALANCE THE SPEAKERS ON SITE AS DIRECTED BY THE OPERATOR. SIZE THE AMPLIFIER TO ACCOMMOADOADE DOUBBLE THE NUMBER OF SPEAKERS DETAILED ALL TAPPED AT 100%. ENSURE THE AMPLIFER CONTAINS A VOLUME SWITCH.

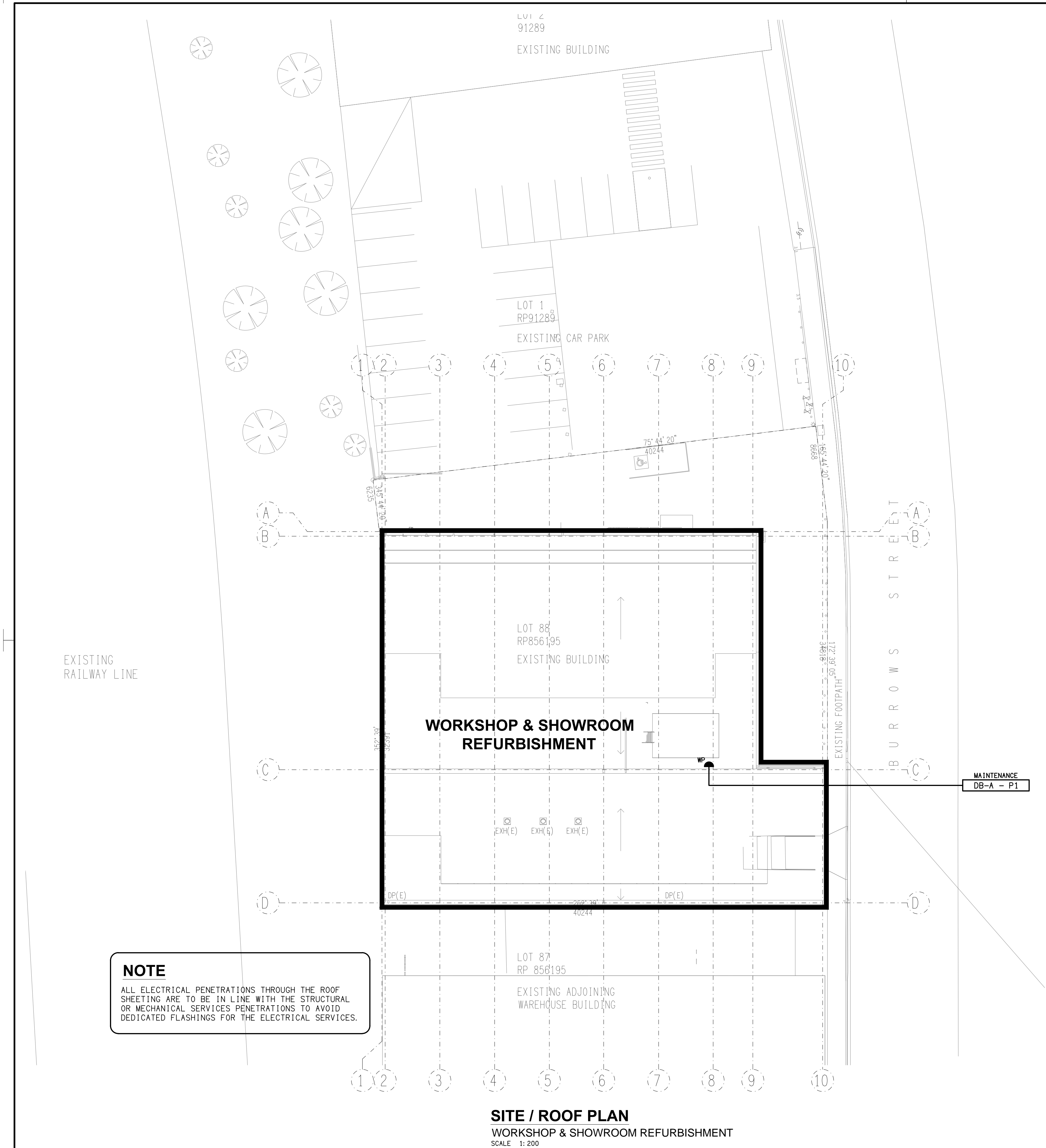
THE BACKGROUND MUSIC COMPONENT OF THIS CONTRACT INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:

- SPEAKERS.
- RACK MOUNTED AMPLIFIER.
- CO-ORDINATION.
- TESTING, COMMISSIONING AND BALANCING.
- MAINTENANCE.
- OPERATION AND MAINTENANCE MANUAL.
- CABLING, CABLE SUPPORT SYSTEMS AND ACCESS.
- ALL MINOR COMPONENTS AND INCIDENTAL WORKS NOT SPECIFICALLY REFERRED TO, HOWEVER NECESSARY TO COMPLETE THE PUBLIC ADDRESS SYSTEM INSTALLATION SUCH THAT IT IS HANDED OVER COMPLETE, OPERATIONAL AND FIT FOR THE INTENDED USE.

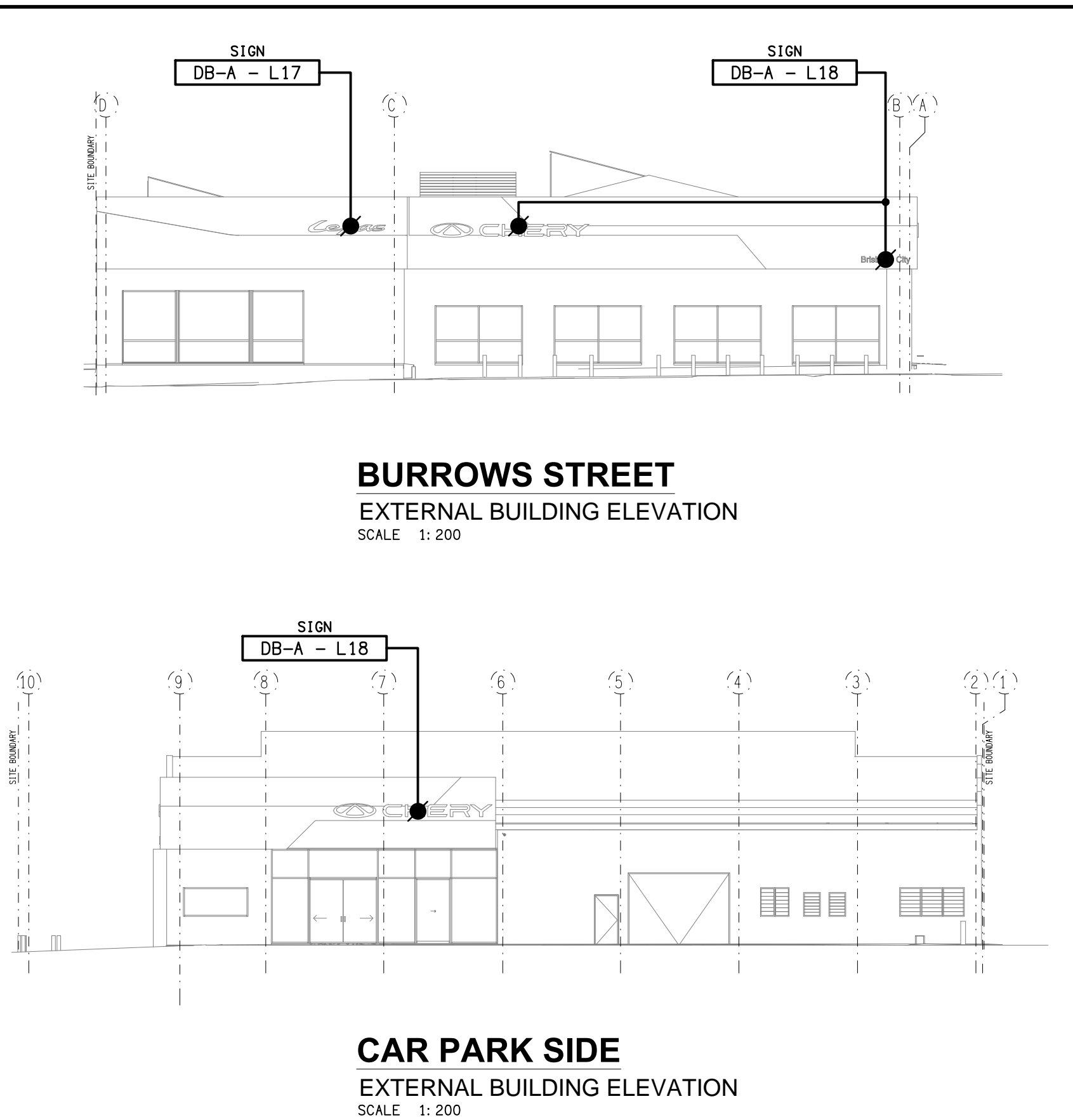
9. ABBREVIATIONS

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.
HWS - HOT WATER SYSTEM.
MCB - MINIATURE CIRCUIT BREAKER.
MEN - MULTIPLE EARTH NEUTRAL LINK.
MSB - MAIN SWITCHBOARD.
N - NEON / LED INDICATOR WHEN ON.
NTS - NOT TO SCALE.
RCBO - CIRCUIT PROTECTED VIA A 30ma RESIDUAL CURRENT DEVICE INTEGRAL TO THE CIRCUIT BREAKER.
REF - REFRIGERATOR.
UNO - UNLESS NOTED OTHERWISE.
WP - WEATHERPROOF TO IP56 UNO.
500 - NUMBER DENOTES MOUNTING HEIGHT AFFL.

ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793		THE COPYRIGHT OF THIS DRAWING REMAINS THE PROPERTY OF THE ELECTRICAL DESIGN GROUP.		 ELECTRICAL DESIGN GROUP ELECTRICAL BUILDING SERVICES CONSULTANTS BRISBANE GOLD COAST		PROJECT: CBMG BOWEN HILLS		DRAWING: ELECTRICAL SERVICES NOTES	
TRADING AS: ELECTRICAL DESIGN GROUP		USE FIGURED DIMENSIONS IN PREFERENCE TO SCALE.		P.O.Box 15, Sherwood Q.4075 Phone: (07) 3278 4375 Email: brisbane@edg.net.au Web: www.edg.net.au		16 BURROWS STREET, BOWEN HILLS		SCALE: NOT TO SCALE AT A1	
ALL DIMENSIONS TO BE VERIFIED ONSITE.						PROJECT NO: C3684a		DRAWING NO: E02	
								REVISION: B	
								B TENDER 05/05/2026	
								REV: DESCRIPTION: DATE:	

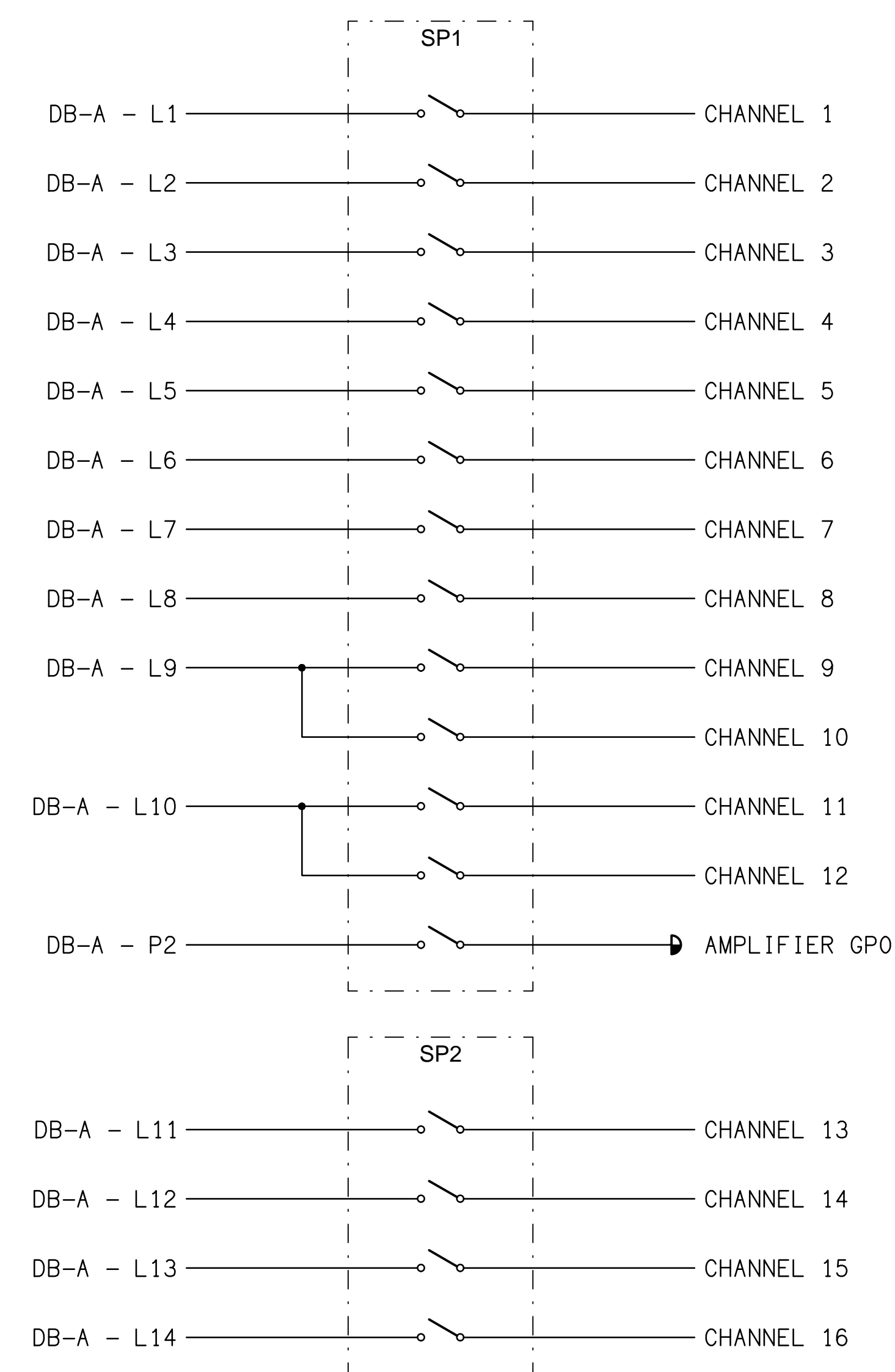
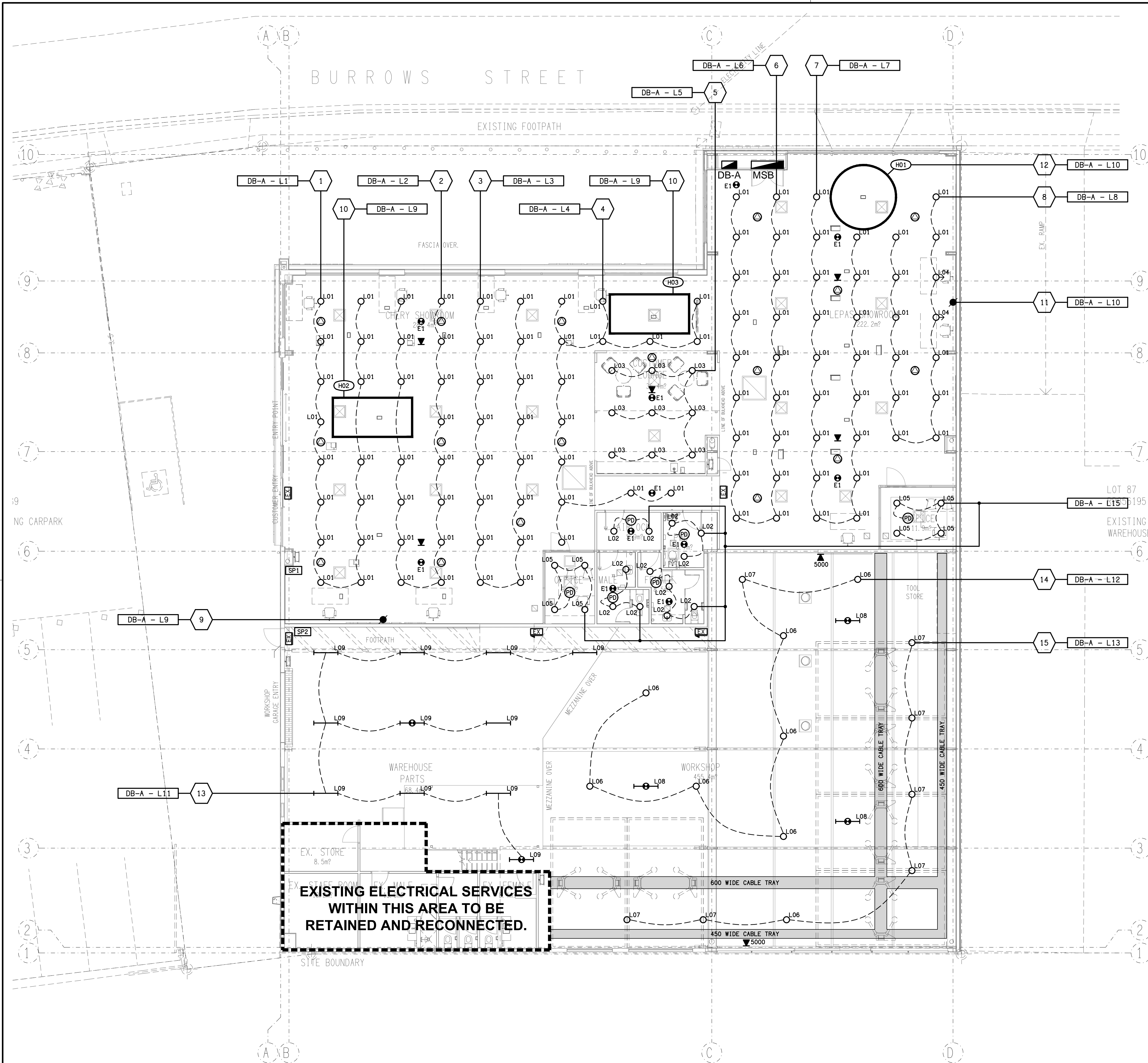


SITE / ROOF PLAN
WORKSHOP & SHOWROOM REFURBISHMENT
SCALE 1: 200

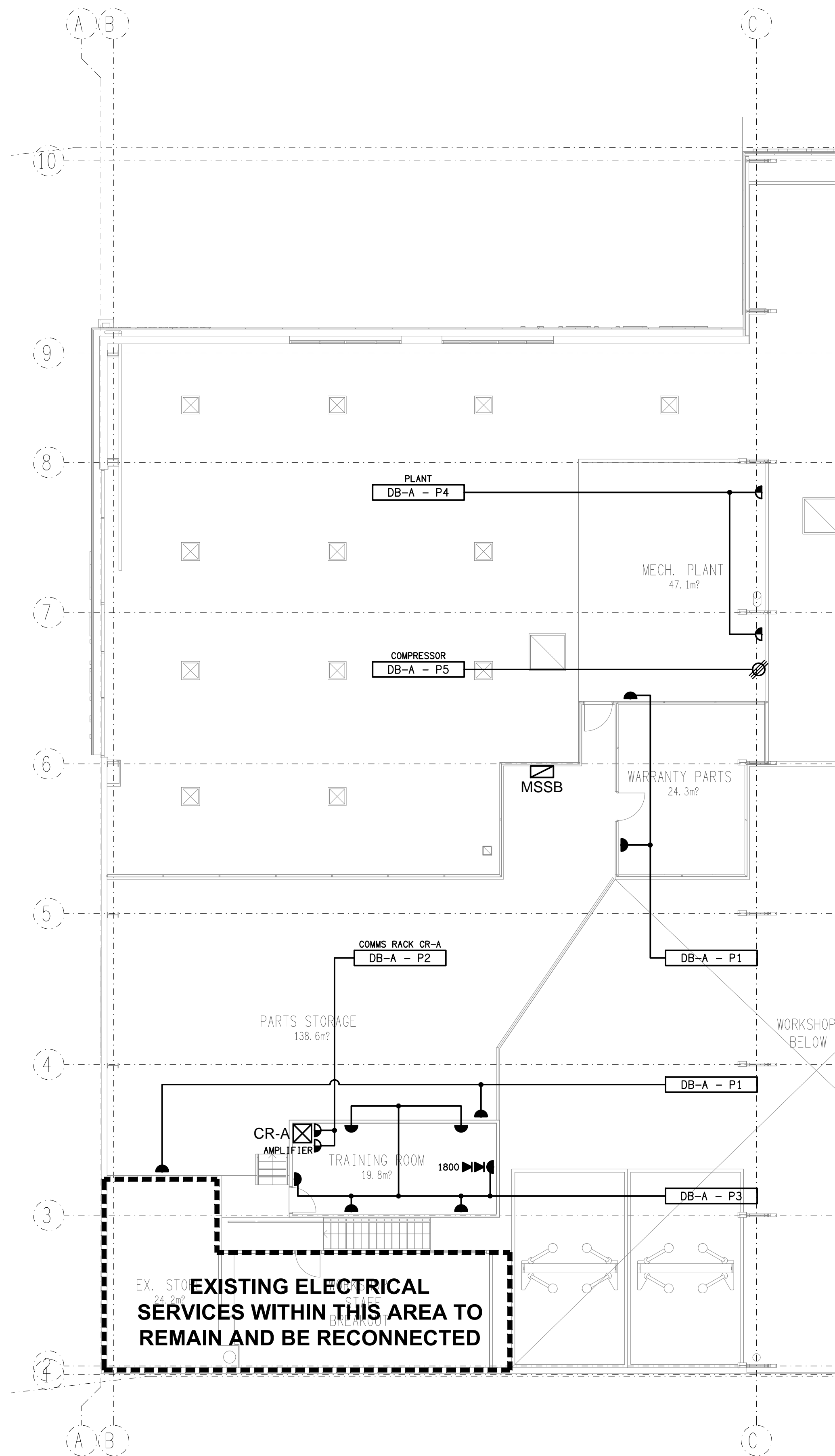


BURROWS STREET
EXTERNAL BUILDING ELEVATION
SCALE 1: 200

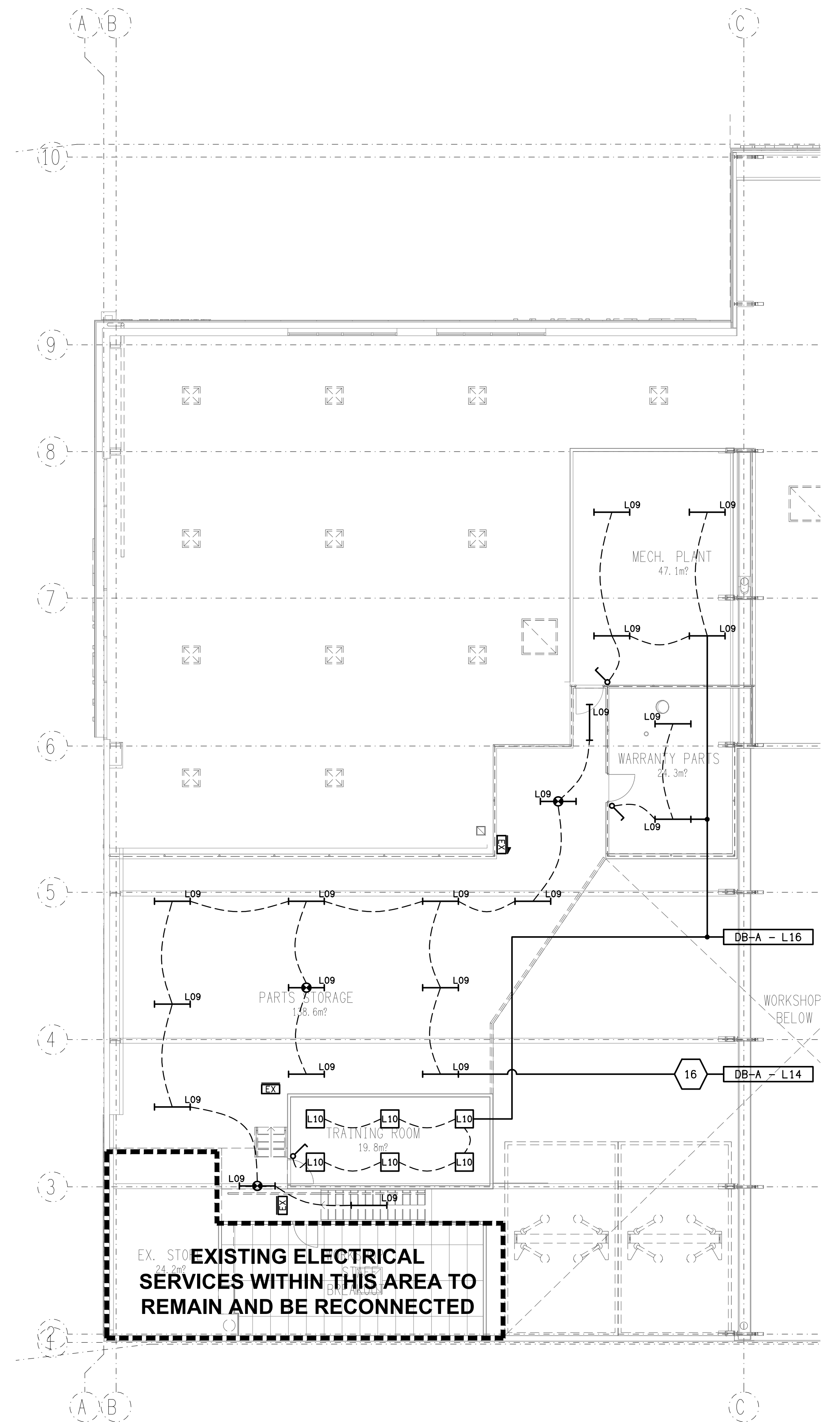
CAR PARK SIDE
EXTERNAL BUILDING ELEVATION
SCALE 1: 200



SCHEMATIC
LIGHTING CONTROL SP1 & SP2
NOT TO SCALE



FLOOR PLAN
MEZZANINE LEVEL
SCALE 1: 100



REFLECTED CEILING PLAN
MEZZANINE LEVEL
SCALE 1: 100