



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

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C2082a - AP EAGERS MITSUBISHI, TOOWOOMBA

C2082a-0002(C).xls

ELECTRICAL EQUIPMENT SCHEDULE

REVISION C - 21 OCTOBER 2019

TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
L1	45W 5000K LED	RECESSED 47 DEG BEAM DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	WHITE TRIM	GAMMA ILLUMINATION MERCURY 1288-WFL-5K	A
L2	45W 4000K LED	RECESSED 60 DEG BEAM DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	WHITE TRIM	GAMMA ILLUMINATION COBALT 1444-4K	A
L3	45W 5000K LED	RECESSED 36 DEG BEAM DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	WHITE TRIM	GAMMA ILLUMINATION MATRIX 1092-FL-5K	A
L4	45W 4000K LED	RECESSED 32 DEG BEAM DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	BLACK	GAMMA ILLUMINATION COBALT 1443-4K	A
L5	28W 5000K LED	RECESSED 55 DEG BEAM DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	BLACK	GAMMA ILLUMINATION COBALT 1442-5K	A
L6	28W 4000K LED	RECESSED 55 DEG BEAM DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	BLACK	GAMMA ILLUMINATION COBALT 1442-4K	A
E1	LED	EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D40 - C90-D40.	BLACK	STANILITE SF1LEDP LITHIUM BATTERY	A
EX	LED	EXIT LIGHT FLUSH RECESSED MAINTAINED 24M VIEWING DISTANCE EXIT LIGHT C/W DIFFUSERS & DIRECTIONAL ARROWS AS SHOWN AS2293 CLASSIFICATION C0-D3.2 - C90-E2.	WHITE LOGO, GREEN BACKGROUND, WHITE BODY	CLEVERTRONICS LUB PRO SM	A
LIGHTING CONTROL SWITCH PANEL (SP1)		MULTIGANG FACEPLATES INCORPORATING INDIVIDUAL ONE-WAY LIGHT SWITCHES AND DALI CONTROLLERS CONTROLLING THE LIGHTS AS PER THE SP1 LIGHTING CONTROL SCHEMATIC MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES 30USM	A
ONE-WAY SWITCH		ONE-WAY SWITCH C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES 30USM	A
DALI POT (DALI)		DALI POT C/W INTEGRAL 20 DALI DEVICE POWER SUPPLY C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE. FACTOR SET POWER ON RETURN TO LAST LEVEL.	WHITE	SMARTSCAPE AXA-DALI P20	A



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PROXIMITY DETECTOR SWITCH (PD) SMALL ROOMS		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	SMARTSCAPE SERVODAN 41-400	A
PROXIMITY DETECTOR SWITCH (PD) LARGE ROOMS		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. SUBMIT DETAILS OF THE MOVEMENT DETECTOR SWITCH FOR APPROVAL PRIOR TO ORDERING	WHITE	SMARTSCAPE SERVODAN 41-7XX	A
PROXIMITY DETECTOR SWITCH (PD) AMENITIES WITH CUBICLES		ADJUSTABLE FLUSH RECESSED DUAL TECHNOLOGY 360 DEGREE ULTRASONIC 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	SMARTSCAPE SERVODAN 41-800	A
BACKGROUND MUSIC SPEAKERS		RECESSED COAXIAL SPEAKER C/W 100V MULTI-TAP TRANSFORMER AND FLUSH GRILLE.	BLACK	AUSTRALIAN MONITOR QF20CS	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
EXISTING OUTLET (EXIST)		EXISTING OUTLETS TO REMAIN AS IS, UNLESS NOTED OTHERWISE.			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
EXISTING FLOOR BOX (FB1)		EXISTING SHOWROOM FLOOR BOX AND ASSOCIATED SERVICES TO REMAIN AS IS			C



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NEW FLOOR BOX (FB2)		FLUSH RECESSED FLOOR BOX C/W TRAFFICABLE LID AND OUTLETS AS DETAILED ON THE FLOOR PLAN	STAINLESS STEEL	ELECTRIC CABLE DUCT SYSTEMS FB4SHD C/W FLOATING BARRIER	C
ELECTRICAL VEHICLE CHARGING STATION (EVC)		PROVIDE A 50 DIA CONDUIT C/W DRAW WIRE TO ALLOW A FUTURE CABLE TO BE INSTALLED FROM DB-E TO THE BOLLARD MOUNTED ELECTRIC VEHICLE CHARGING STATION. CONFIRM THE LOCATION ON SITE WITH THE OPERATOR.			C
COMMUNICATIONS OUTLET		RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO THE EXISTING COMMUNICATIONS RACK 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 UNLESS NOTED OTHERWISE. CEILING MOUNTED OUTLET TO MATCH CEILING COLOUR	CLIPSAL C2000 SERIES	A
COMMUNICATIONS RACK CR-A		EXISTING COMMUNICATIONS RACK UPPER LEVEL			A
COMMUNICATIONS RACK CR-B		EXISTING COMMUNICATIONS RACK LOWER LEVEL			A
DISTRIBUTION BOARD (DB-E)		EXISTING DISTRIBUTION BOARD TO BE UPGRADED AS REQUIRED AND UPDATED TO REFLECT THE NEW CIRCUITS. REMOVE ALL REDUNDANT SWITCHGEAR AND PROVIDE ALL NEW SWITCHGEAR TO MATCH THE EXISTING IN BRAND AND STYLE. UPDATE THE CIRCUIT SCHEDULE AT PRACTICAL COMPLETION.			C
DB-E - P35		UTILISE THE EXISTING DB-E - P35 CIRCUIT TO SUPPLY THE NEW AND RECONFIGURED OUTLETS AS NOTED.			B
DB-E - P36		UTILISE THE EXISTING DB-E - P36 CIRCUIT TO SUPPLY THE NEW AND RECONFIGURED OUTLETS AS NOTED.			B
DB-E - P50		UTILISE THE EXISTING DB-E - P50 CIRCUIT TO SUPPLY THE RELOCATED AC CONDENSER EXTENDING THE EXISTING CABLING AS REQUIRED. CONFIRM THE LOCATION OF THE RELOCATED CONDENSER WITH THE MECHANICAL CONTRACTOR.			B
DB-E - P57		UTILISE THE EXISTING DB-E - P57 CIRCUIT TO SUPPLY THE NEW AND RECONFIGURED OUTLETS / FLOOR BOXES AS NOTED.			B
DB-E - P58		PROVIDE CIRCUIT DB-E -P58 AS A NEW SINGLE PHASE 20 AMP RCBO PROTECTED 2.5MM CIRCUIT SUPPLIED FROM DB-E TO SUPPLY THE AUTO DOOR. PROVIDE THE NEW SWITCHGEAR TO MATCH THE EXISTING.			B
DB-E - P59		PROVIDE CIRCUIT DB-E -P59 AS A NEW THREE PHASE 63 AMP 16MM CIRCUIT SUPPLIED FROM DB-E TO SUPPLY THE NEW AC UNIT. PROVIDE THE NEW SWITCHGEAR TO MATCH THE EXISTING. CONFIRM THE SIZE OF THE AC SUPPLY REQUIREMENTS AND LOCATION OF THE ISOLATOR ON SITE WITH THE MECHANICAL CONTRACTOR.			B
DB-E - P60		PROVIDE CIRCUIT DB-E -P60 AS A NEW SINGLE PHASE 20 AMP RCBO PROTECTED 2.5MM CIRCUIT SUPPLIED FROM DB-E TO SUPPLY THE VIDEO WALL. PROVIDE THE NEW SWITCHGEAR TO MATCH THE EXISTING.			B



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DB-E - P61		PROVIDE CIRCUIT DB-E -P61 AS A NEW SINGLE PHASE 20 AMP RCBO PROTECTED 2.5MM CIRCUIT SUPPLIED FROM DB-E TO SUPPLY THE NEW FLOOR BOXES. PROVIDE THE NEW SWITCHGEAR TO MATCH THE EXISTING.			C
DB-E - L4		UTILISE THE EXISTING DB-E - L4 CIRCUIT TO SUPPLY THE NEW AND RECONFIGURED LIGHTING AS NOTED.			B
DB-E - L5		UTILISE THE EXISTING DB-E - L5 CIRCUIT TO SUPPLY THE NEW AND RECONFIGURED LIGHTING AS NOTED.			B
DB-E - L21		UTILISE THE EXISTING DB-E - L21 CIRCUIT TO SUPPLY THE NEW SIGNAGE AS NOTED.			B
DB-E - L22		PROVIDE CIRCUIT DB-E-L22 AS A NEW SINGLE PHASE 20 AMP RCBO PROTECTED 2.5MM CIRCUIT SUPPLIED FROM DB-E TO SUPPLY THE CHANNEL 1 LIGHTING. PROVIDE THE NEW SWITCHGEAR TO MATCH THE EXISTING.			B
DB-E - L23		PROVIDE CIRCUIT DB-E-L23 AS A NEW SINGLE PHASE 20 AMP RCBO PROTECTED 2.5MM CIRCUIT SUPPLIED FROM DB-E TO SUPPLY THE HERO DISPLAY. PROVIDE THE NEW SWITCHGEAR TO MATCH THE EXISTING.			B
DB-E - L24		PROVIDE CIRCUIT DB-E-L24 AS A NEW SINGLE PHASE 20 AMP RCBO PROTECTED 2.5MM CIRCUIT SUPPLIED FROM DB-E TO SUPPLY THE NEW SIGN. PROVIDE THE NEW SWITCHGEAR TO MATCH THE EXISTING. CONTROL CIRCUIT DB-E - L24 VIA THE SAME CONTROL ARRANGEMENT AS THE EXISTING SIGN CIRCUIT DB-E - L21.			B
DB-E - L25		PROVIDE CIRCUIT DB-E-L25 AS A NEW SINGLE PHASE 20 AMP RCBO PROTECTED 2.5MM CIRCUIT SUPPLIED FROM DB-E TO SUPPLY THE CHANNEL 3 LIGHTING. PROVIDE THE NEW SWITCHGEAR TO MATCH THE EXISTING.			B
DB-E - L26		PROVIDE CIRCUIT DB-E -L26 AS A NEW SINGLE PHASE 20 AMP RCBO PROTECTED 2.5MM CIRCUIT SUPPLIED FROM DB-E TO SUPPLY THE CHANNEL 6 LIGHTING. PROVIDE THE NEW SWITCHGEAR TO MATCH THE EXISTING.			B
DB-E - L27		PROVIDE CIRCUIT DB-E-L27 AS A NEW SINGLE PHASE 20 AMP RCBO PROTECTED 2.5MM CIRCUIT SUPPLIED FROM DB-E TO SUPPLY THE CHANNEL 7 LIGHTING. PROVIDE THE NEW SWITCHGEAR TO MATCH THE EXISTING.			B
DB-E - L28		PROVIDE CIRCUIT DB-E-L28 AS A NEW SINGLE PHASE 20 AMP RCBO PROTECTED 2.5MM CIRCUIT SUPPLIED FROM DB-E TO SUPPLY THE CHANNEL 4 LIGHTING. PROVIDE THE NEW SWITCHGEAR TO MATCH THE EXISTING.			B
DB-E - L29		PROVIDE CIRCUIT DB-E-L29 AS A NEW SINGLE PHASE 20 AMP RCBO PROTECTED 2.5MM CIRCUIT SUPPLIED FROM DB-E TO SUPPLY THE CHANNEL 10 SIGN. PROVIDE THE NEW SWITCHGEAR TO MATCH THE EXISTING.			B