



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

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C3209a - KINGS CHRISTIAN COLLEGE - PIMPAMA, AUDITORIUM PIM19

C3209a-0002(B).xls

ELECTRICAL EQUIPMENT SCHEDULE

REVISION B - 11 MARCH 2024

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
L1		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.		NEON PRODUCTS AUSTRALIA LF-DFB-NW-300-12 + PR-LIN172153-F	A
L2	34W 4000K LED	600 X 600 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION AXIS 1549-4K-34W	A
L3	45W 3000K LED	RECESSED DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	WHITE TRIM	GAMMA ILLUMINATION COBALT 1405-3K-45W	A
L4	8W 4000K LED	RECESSED 47 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION MYLO 1004-WFL-4K-8W	A
L5	45W BLUE LED	RECESSED 35DEG BLUE LIGHT DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	WHITE TRIM	GAMMA ILLUMINATION COBALT 1405-3K-45W	A
E1	LED	EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D40 - C90-D40.	WHITE	STANILITE SF1LEDP	A
E2	LED	THEATRE MASK 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-D8 - C90-E3.2.	BLACK	STANILITE . PQFBLEDP	A
EX	LED	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-D8 - C90-E3.2.	WHITE	STANILITE PQFLEDP	A
	LIGHT SWITCH PANEL 1 (SP1)	MULTI GANG SWITCH PLATE C/W COLOURED ENGRAVING AS PER THE LIGHTING CONTROL SCHEMATIC AND SWITCH PANEL ELEVATION MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES	A
	LIGHT SWITCH PANEL 2 (SP2)	MULTI GANG SWITCH PLATE C/W COLOURED ENGRAVING AS PER THE LIGHTING CONTROL SCHEMATIC AND SWITCH PANEL ELEVATION MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES	A



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LIGHT SWITCH PANEL 3 (SP3)		MULTI GANG SWITCH PLATE C/W COLOURED ENGRAVING AS PER THE LIGHTING CONTROL SCHEMATIC AND SWITCH PANEL ELEVATION MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES	A
LED SCREEN SWITCH		SINGLE GANG SWITCH PLATE C/W COLOURED ENGRAVING "LED SCREENS" ARRANGED TO SWITCH CIRCUITS DB-B - P28, DB-B - P29 AND DB-B - P30. MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES	A
MANUAL DALI POT DIMMER / LIGHT SWITCH		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 DALI RD20 CLIPSAL C2000	A
PUSH BUTTON (PB)		MOMENTARY PUSH BUTTON	WHITE	CLIPSAL C2000 SERIES	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 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES 30USM	A
CHANNEL x		CONTROL CHANNEL WITH A NUMERICAL REFERENCE. REFER TO THE POWER AND LIGHTING CONTROL SCHEMATIC / SCHEDULE			B
RELAY (Rx)		CONTROL RELAY DIN RAIL MOUNTED IN DB-B			A
CONTACTOR (Cx)		SWITCHING CONTACTOR DIN RAIL MOUNTED IN DB-B			A
NORMALLY OPEN CONTACTS (NO)		CONTACTS NORMALLY OPEN WHEN THE CONTROL COIL IS NOT POWERED ON			A
NORMALLY CLOSED CONTACTS (NC)		CONTACTS NORMALLY CLOSED WHEN THE CONTROL COIL IS NOT POWERED ON			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
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	CLIPSAL C2000 SERIES	A



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THEATRE OUTLET		DOUBLE POWER OUTLET C/W ENGRAVED COLOURED CHANNEL IDENTIFICATION (LX-x) VISIBLE ON THE FACEPLATE MOUNT AT 300mm AFFL U.N.O. RATING 10A U.N.O. CABLE EACH THEATRE OUTLET AS A SEPARATE CHANNEL TO THE THEATRE OUTLET PANEL	WHITE UNLESS NOTED AS GREEN	CLIPSAL C2000 SERIES	A
THEATRE OUTLET PANEL		PROVIDE THE THEATRE OUTLET PANEL AS A CUSTOM ENCLOSURE AS PER THE THEATRE OUTLET PANEL SECTION WITH TERMINALS TO FACILITATE THE CONNECTION OF THE FIXED 2.5MM CABLING TO 10 AMP FLEX AND PLUGS. PROVIDE A SHOP DRAWING OF THE THEATRE OUTLET PANEL FOR APPROVAL.			A
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-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
DB-A - P1		UTILISE ONE OF THE EXISTING DB-A POWER CIRCUITS TO SUPPLY THE NEW CRY ROOM TV GPO.			A
DB-B		PROVIDE A NEW DISTRIBUTION BOARD DB-B SUPPLIED BY A NEW 4C X 50MM Cu XLPE / PVC + E SUBMAIN PROTECTED BY A NEW 160 AMP MCCB IN DB-C. PROVIDE DISTRIBUTION BOARD DB-B AS PER THE DISTRIBUTION BOARD SCHEDULE AND NOTES.			A
DB-C		EXISTING EXTERNA BUILDING MAIN DISTRIBUTION BOARD DB-C TO BE PROVIDED WITH A NEW MCCB TO SUPPLY DB-B. PROVIDE THE NEW MCCB TO MATCH THE EXISTING AND UPDATE THE LABELLING PRIOR TO PRACTICAL COMPLETION.			A
COMMUNICATIONS RACK CR-A		EXISTING COMMUNICATIONS RACK TO BE PROVIDED WITH ADDITIONAL PATCH PANELS AS NECESSARY TO ACCOMMODATE THE NEW COMMUNICATIONS OUTLETS. REMOVE ALL REDUNDANT CABLING AND UPDATE ALL PORT LABELS PRIOR TO PRACTICAL COMPLETION.			A
AUDIO VISUAL RACK 1 AV-1		FULL HEIGHT AUDIO VISUAL RACK PROVIDED BY CAPTIVATE AV. PROVIDE THE RACK WITH THE NECESSARY PATCH PANELS TO ACCOMMODATE THE COMMUNICATIONS OUTLETS CABLED TO AV-1. PROVIDE THE RACK WITH A FOBOT TO ACCOMMODATE THE FIBRE CABLE FROM AV-3. COORDINATE THE PATCH PANELS AND FOBOT MOUNTING POSITIONS ON SITE WITH CAPTIVATE AV.			A
AUDIO VISUAL RACK 2 AV-2		FULL HEIGHT AUDIO VISUAL RACK PROVIDED BY CAPTIVATE AV.			A
AUDIO VISUAL RACK 3 AV-3		BELOW BENCH AUDIO VISUAL RACK PROVIDED BY CAPTIVATE AV. PROVIDE THE RACK WITH A FOBOT TO ACCOMMODATE THE FIBRE CABLE FROM AV-1. COORDINATE THE FOBOT MOUNTING POSITIONS ON SITE WITH CAPTIVATE AV.			A



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FLOOR BOX TYPE 1 (FB1)		FLUSH RECESSED STAGE FLOOR BOX TO CONTAIN THE OUTLETS AND CONDUIT ACCESS AS DETAILED ON THE FLOOR BOX DETAIL	STAINLESS STEEL	ECD FB6SF	B
COMMUNICATIONS OUTLET CABLED TO CR-A		RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO A CAT 6 PATCH PANEL IN COMMUNICATIONS 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 U.N.O	WHITE	CLIPSAL C2000 SERIES	A
COMMUNICATIONS OUTLET CABLED TO AV-1		RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO A CAT 6 PATCH PANEL IN THE AUDIO VISUAL RACK AV-11 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 U.N.O	WHITE	CLIPSAL C2000 SERIES	A
CABLE ACCESS (A1)		PROVIDE A1 AS MULTIPLE WALL MOUNTED FACEPLATES POSITIONED AS PER THE ARCHITECTURAL DETAIL. PROVIDE THE OUTLET CONFIGURATION AND CABLING AS PER THE A1 / A2 FACEPLATE SCHEMATIC. PROVIDE THE GPO AS A CONVENTIONAL GPO CIRCUITED AS SHOWN AND THE RJ45 OUTLETS AS CONVENTIONAL COMMUNICATIONS OUTLETS CABLED TO THE COMMUNICATIONS RACK. PROVIDE THE HDMI PORT AS A FACTORY TERMINATED FEMALE PORT CABLED TO THE A2 HDMI PORT VIA A HDMI 2 CABLE LESS THAN 5M IN LENGTH.	WHITE	CLIPSAL C2000 SERIES	A
CABLE ACCESS (A2)		PROVIDE A2 AS MULTIPLE WALL MOUNTED FACEPLATES POSITIONED AS PER THE ARCHITECTURAL DETAIL. PROVIDE THE OUTLET CONFIGURATION AND CABLING AS PER THE A1 / A2 FACEPLATE SCHEMATIC. PROVIDE THE GPO AS A CONVENTIONAL GPO CIRCUITED AS SHOWN AND THE RJ45 OUTLETS AS CONVENTIONAL COMMUNICATIONS OUTLETS CABLED TO THE COMMUNICATIONS RACK. PROVIDE THE HDMI PORT AS A FACTORY TERMINATED FEMALE PORT CABLED TO THE A1 HDMI PORT VIA A HDMI 2 CABLE LESS THAN 5M IN LENGTH.	WHITE	CLIPSAL C2000 SERIES	A