



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3751a - KINGS CHRISTIAN COLLEGE - PIMPAMA, MAINTENANCE SHED

C3751a-0002(A).xls

ELECTRICAL EQUIPMENT SCHEDULE

REVISION A - 28/ APRIL 2026

THE EQUIPMENT SUPPLIER CONTACT DETAILS MAY BE AVAILABLE ON THE EDG WEBSITE VIA THE FOLLOWING LINK
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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
L1	36W LED 4000K	1200 LONG SURFACE MOUNTED IP65 DIFFUSED BATTEN C/W INTEGRAL ELECTRONIC CONTROL GEAR	LIGHT GREY	GAMMA ILLUMINATION STORM 1558-CCT-36W	A
L2	34W LED 4000K	300 X 1200 TABAR LAY IN TROFFER C/W REMOTE DRIVER.	WHITE	GAMMA ILLUMINATION 1549-4K-34W	A
L3	36W LED 4000K	1200 LONG SURFACE MOUNTED IP65 DIFFUSED BATTEN C/W INTEGRAL ELECTRONIC CONTROL GEAR AND SENSOR	LIGHT GREY	GAMMA ILLUMINATION STORM 1558-CCT-36W-MS	A
L4	120W 4000K LED	WALL MOUNTED ADJUSTABLE IP65 55 DEG FLOOD C/W INTEGRAL DRIVER	SILVER	GAMMA ILLUMINATION ALTUS 1346-4K	A
E1	LED	EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D40 - C90-D40.	WHITE	STANILITE SF1LED P	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 PQFLED P	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 NOTES 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 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES 30USM	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	CLIPSAL C2000 SERIES	A

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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
HAND DRYER CONNECTION (HD)		THE ELECTRICAL SUB CONTRACTOR IS TO TAKE POSSESSION OF THE HAND DRYER AND INSTALL IT WITH 20A ISOLATING SWITCH WALL MOUNTED CONNECTED TO THE HAND DRYER UNIT AS PER DETAIL. PROVIDE CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND	WHITE	CLIPSAL "C2000 SERIES"	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
MSB		EXISTING MAIN SWITCHBOARD TO REMAIN AS IS			A
DB-23		EXISTING DISTRIBUTION BOARD DB-23 TO BE PROVIDED WITH A THREE PHASE 63 AMP MCB TO SUPPLY THE NEW DB-M VIA A NEW 4C+E 35MM UNDERGROUND SUBMAIN. UPDATE THE CIRCUIT SCHEDULE.			A
DB-M		DISTRIBUTION BOARD DB-M. PROVIDE A NEW DISTRIBUTION BOARD DB-M AS PER THE DB-M SCHEDULE AND NOTES.			A
SECURITY EQUIPMENT		SECURITY EQUIPMENT TO BE PROVIDED BY THE COLLEGES SPECIALIST SECURITY CONTRACTOR. PROVIDE AN INTERFACE TO THE SECURITY SYSTEM SUCH THAT THE INTERNAL LIGHTS ARE CONTROLLED VIA A DRY CONTACT FROM THE SECURITY SYSTEM SO THE INTERNAL LIGHTS ARE AUTOMATICALLY TURNED OFF / DISABLED WHEN THE SECURITY SYSTEM IS ARMED.			A
COMMUNICATIONS RACK CR-C		EXISTING COMMUNICATIONS RACK TO BE USED TO ACCOMMODATE THE NEW FIBRE CABLE. UPGRADE THE FIBRE AS REQUIRED.			A
COMMUNICATIONS RACK CR-M		PROVIDE CR-M AS A 600 DEEP 12 RU HINGED WALL MOUNTED 19 INCH COMMUNICATIONS C/W LOCKABLE CLEAR DOOR, VENTILATED TOP / SIDES, PATCH PANELS, A 6 X 10 AMP HORIZONTAL REAR MOUNTED POWER RAIL AND CABLE MANAGEMENT TO ACCOMMODATE THE COMMUNICATION OUTLETS. PROVIDE DETAILS OF THE RACK FOR APPROVAL PRIOR TO ORDERING. CONNECT CR-M TO THE EXISTING COMMUNITY CENTRE RACK CR-C VIA AN UNDERGROUND LOOSE TUBE GEL FILLED 12 CORE OS2 OPTICAL FIBRE CABLES FULLY TERMINATED WITH LC CONNECTORS.			A
COMMUNICATIONS OUTLET		RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO A CAT 6 PATCH PANEL IN COMMUNICATIONS RACK CR-M VIA BLUE 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



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CAT 6A STP COMMUNICATIONS OUTLET		RJ45 CAT-6A STP COMMUNICATIONS OUTLET, CABLED BACK TO A CAT 6 PATCH PANEL IN COMMUNICATIONS RACK CR-M VIA A BLUE 4-PAIR CAT-6A STP 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
PA SYSTEM RECESSED SPEAKER		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
PA SYSTEM HORN		30W SURFACE MOUNTED ADJUSTABLE IP66 MULTI TAP 100V 8 OHM PUBLIC ADDRESS HORN SPEAKER CABLED BACK TO THE ASSOCIATED AMPLIFIER WITHIN THE COMMUNICATIONS RACK VIA 1.5MM MARKED FIG 8 CABLE.	WHITE	AUSTRALIAN MONITOR SH30	A
PIT A		EXISTING POWER AND COMMUNICATIONS PITS TO REMAIN AS IS AND BE UTILISED TO ACCOMMODATE THE NEW SUBMAIN / FIBRE CABLE.			A
PIT B		PROVIDE PIT B AS A 450 X 450 X 800 DEEP MIN POWER PIT AND A 450 X 450 X 600 DEEP MIN COMMUNICATIONS PIT EACH WITH A CLASS C INFILL LID C/W PROPRIETARY PRECAST CONCRETE LID SURROUND, PRECAST OR PVC CONCRETE PIT AND RISERS AS REQUIRED. POLLY CRETE / FIBRE PITS ARE NOT ACCEPTABLE. ENSURE THE TOP OF THE PIT IS FLUSH WITH THE FINAL SURROUNDING LEVELS. STAMP / TAG THE COMMUNICATIONS PIT LID WITH THE WORD "COMMUNICATIONS" AND THE POWER PIT LID WITH THE WORD "ELECTRICITY" DRAIN THE PITS TO STORM WATER AND PROVIDE THE PIT WITH A WEEP HOLE IN THE BASE INTO A GRAVEL SOAKAGE PIT. PROVIDE DETAILS OF THE PITS AND LIDS FOR APPROVAL PRIOR TO ORDERING. PROVIDE A 150 WIDE X 150 DEEP MIN SURROUND AROUND THE TOP OF EACH PIT WITH A 10MM FALL AWAY FROM THE PIT LID. PROVIDE PHOTOS OF THE COMPLETED PITS INSTALLATION SHOWING ALL CONDUITS AND CABLING. MARK UP THE PHOTOS WITH THE SIZE AND DESTINATION OF EACH CONDUIT.			A