



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

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C3605a - KINGS CHRISTIAN COLLEGE - PIMPAMA, SENIOR SCHOOL PIM23

C3605a-0002(A).xls

## ELECTRICAL EQUIPMENT SCHEDULE

REVISION A - 15 JULY 2025

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	28W 4000K LED	600 X 600 LAY IN FLAT PLATE LED FITTING C/W REMOTE DALI DIMMABLE DRIVER MOUNTED IN A SURFACE MOUNTING KIT	BLACK TRIM AND BLACK SURFACE KIT	GAMMA ILLUMINATION PHANTOM 600X600 88 SERIES 28W C/W SCREW FREE SURFACE KIT	A
L2	13W 4000K LED	SURFACE MOUNTED CAN DOWNLIGHT C/W INTEGRAL DRIVER	WHITE	GAMMA ILLUMINATION RODAR 1374-VWFL-4K-13W	A
L3	13W 4000K LED	RECESSED DOWNLIGHT C/W REMOTE DRIVER	WHITE	GAMMA ILLUMINATION CORBEL 1410-4K-13W	A
L4	36W LED 4000K	1200 LONG SURFACE MOUNTED IP65 DIFFUSED BATTEN C/W INTEGRAL ELECTRONIC CONTROL GEAR	LIGHT GREY	GAMMA STORM 1558-CCT-36W	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 STORM 1558-CCT-36W-MS	A
L6	52W LED 4000K	WALL MOUNTED AREA LIGHT C/W INTEGRAL DRIVER. ORIENTATED DOWNWARD.	BLACK	GAMMA ILLUMINATION MOLO 1573-4K-52W	A
L7	3.9W LED 4000K	WALL MOUNTED LIGHT C/W REMOTE DRIVER. MOUNT THE FITTING CENTRED 300 AFFL. LOCATE THE DRIVER IN A REMOTE ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS. IT IS ACCEPTABLE TO SUPPLY MULTIPLE L7 FITTINGS FROM A COMMON DRIVER	STAINLESS STEEL	GAMMA ILLUMINATION MOLO 1573-4K-52W	A
L8	28W 4000K LED	SURFACE MOUNTED CAN DOWNLIGHT C/W INTEGRAL DRIVER	WHITE	GAMMA ILLUMINATION JUTE 1322-WR-4K-28W	A
E1	LED	EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D40 - C90-D40.	WHITE	STANILITE SF1LEDP	A
E2	LED	EMERGENCY LIGHT: SURFACE MOUNTED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D40 - C90-D40.	WHITE	STANILITE ECOSPITFIREBOX	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



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EX (WP)	LED	EXIT LIGHT: MAINTAINED 24M VIEWING DISTANCE EXIT LIGHT C/W DIFFUSERS & DIRECTIONAL ARROWS AS SHOWN AND A IP56 HOUSING 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-D3.2 - C90-E2.	GREEN LOGO, WHITE BACKGROUND, WHITE BODY	STANILITE LED WEATHERPROOF PWQFLEDP	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 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
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
RECESS KIT (RK)		VERTICALLY ORIENTATED WALL BOX TO ALLOW THE OUTLET TO BE RECESSED WITHIN THE WALL CAVITY	WHITE	REPELEC RECWP1WH	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-H		EXISTING BUILDING H MAIN DISTRIBUTION BOARD TO BE PROVIDED WITH A NEW MCCB AS PER THE POWER SCHEMATIC. THE NEW MCCB IS TO MATCH THE EXISTING UPDATE THE LABELLING			A

C3605a-0002(A).xls

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DB-23		BUILDING 11 MAIN DISTRIBUTION BOARD DB-11 TO BE SUPPLIED FROM DB-H AS PER THE POWER SCHEMATIC PROVIDE DISTRIBUTION BOARD DB-H AS PER THE POWER SCHEMATICS AND NOTES. PROVIDE A SHOP DRAWING THE ESCUTCHEON IS TO BE HINGED AND SECURED VIA 1/4 TURN LATCHES. ENSURE THE ESCUTCHEON CAN BE OPENED WITHOUT ISOLATING THE POWER.			A
MSSB-23		NEW MSSB PROVIDED AS PART OF THE MECHANICAL SERVICES SUB CONTRACT. PROVIDE A MCCB IN DB-23 AND SUBMAIN AS PER THE SCHEMATIC.			A
M		SUPPLY AUTHORITY CODE COMPLIANT LV MAXIMUM DEMAND TARIFF METER. TO REMAIN AS IS			A
MFH		PRIVATE METER. TO REMAIN AS IS			A
SECURITY EQUIPMENT		SECURITY EQUIPMENT TO BE PROVIDED BY THE SCHOOL			A
COMMUNICATIONS RACK CR-H		EXISTING COMMUNICATIONS RACK TO BE USED TO ACCOMMODATE THE NEW FIBRE CABLE TO CR-23. UPGRADE THE FIBER AS REQUIRED.			A
COMMUNICATIONS RACK CR-23		PROVIDE CR-23 AS A WALL MOUNTED 12 RU MINIMUM 800 DEEP COMMUNICATIONS CONNECTED TO CR-H VIA AN UNDERGROUND LOOSE TUBE GEL FILLED 12 CORE OS2 OPTICAL FIBRE CABLES FULLY TERMINATED WITH SC CONNECTORS. PROVIDE CR-23 WITH ALL NECESSARY CAT6 AND CAT 6A STP PATCH PANELS TO ACCOMMODATE THE NEW COMMUNICATIONS OUTLETS.			A
CAT 6 COMMUNICATIONS OUTLET		RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO A CAT 6 PATCH PANEL IN COMMUNICATIONS RACK CR-23 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
CAT 6A STP COMMUNICATIONS OUTLET		RJ45 CAT-6A STP COMMUNICATIONS OUTLET, CABLED BACK TO A CAT 6 PATCH PANEL IN COMMUNICATIONS RACK CR-23 VIA A 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
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 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.	WHITE	CLIPSAL C2000 SERIES	A



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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 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.	WHITE	CLIPSAL C2000 SERIES	A
CABLE ACCESS (A3)		PROVIDE A3 AS MULTIPLE WALL MOUNTED FACEPLATES POSITIONED AS PER THE ARCHITECTURAL DETAIL PROVIDE THE OUTLET CONFIGURATION AND CABLING AS PER THE A3 FACEPLATE SCHEMATIC. PROVIDE THE GPO AS A CONVENTIONAL GPO CIRCUITED AS SHOWN	WHITE	CLIPSAL C2000 SERIES	A
CABLE ACCESS (A4)		PROVIDE A4 AS A WALL MOUNTED FACEPLATE POSITIONED AS PER THE ARCHITECTURAL DETAIL PROVIDE THE OUTLET CONFIGURATION AS PER THE A4 FACEPLATE SCHEMATIC.	WHITE	CLIPSAL C2000 SERIES	A
PIT A		EXISTING COMMUNICATIONS AND POWER PITS			A
PIT B		EXISTING COMMUNICATIONS AND POWER PITS			A
PIT C		PROVIDE NEW COMMUNICATIONS AND POWER PITS TO MATCH THE PIT A PITS IN SIZE, TYPE, FINISH AND STYLE. PROVIDE ALL NEW CONDUITS WITH A SPARE DRAW WIRE			A
PIT D		PROVIDE NEW COMMUNICATIONS AND POWER PITS TO MATCH THE PIT A PITS IN SIZE, TYPE, FINISH AND STYLE. PROVIDE ALL NEW CONDUITS WITH A SPARE DRAW WIRE PIT D WILL BE UTILISED TO SUPPLY THE FUTURE ADJACENT BUILDING.			A