



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

C2975a - KINGS CHRISTIAN COLLEGE - PIMPAMA, JUNIOR RESOURCE BUILDING PIM15

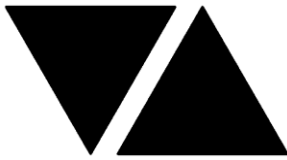
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ELECTRICAL EQUIPMENT SCHEDULE

REVISION A - 16 OCTOBER 2023

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 | 40W 4000K LED | 600 X 600 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER AND RECESSED PB KIT | WHITE TRIM | GAMMA ILLUMINATION PHANTOM 600X600 88 SERIES C/W RECESS KIT | A |
| L2 | HV9722-IP20-64-4K - 4.8W 24V DC IP20 LED STRIP 4000K | 2400 LONG STAINLESS STEEL WIRE SUSPENDED EXTRUSION C/W INTEGRAL DRIVER AND OPAL DIFFUSER CONFIRM THE SUSPENSION HEIGH ON SITE WITH THE ARCHITECT | SILVER | HAVIT HV9693-6070 | A |
| L3 | 8W 4000K LED | RECESSED 47 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER | WHITE TRIM | GAMMA ILLUMINATION MYLO 1004-WFL-4K-8W | A |
| L4 | 22W 4000K LED | RECESSED 52 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER | WHITE TRIM | GAMMA ILLUMINATION COBALT 1402-4K-22W | A |
| L5 | 22W 4000K LED | RECESSED 52 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER | WHITE TRIM | GAMMA ILLUMINATION COBALT 1402-4K-22W | A |
| L6 | HV9722-IP20-64-4K - 4.8W 24V DC IP20 LED STRIP 4000K | 1200 LONG STAINLESS STEEL WIRE SUSPENDED EXTRUSION C/W INTEGRAL DRIVER AND OPAL DIFFUSER CONFIRM THE SUSPENSION HEIGH ON SITE WITH THE ARCHITECT | SILVER | HAVIT HV9693-6070 | A |
| L7 | HV9722-IP20-64-4K - 4.8W 24V DC IP20 LED STRIP 4000K | 800 LONG STAINLESS STEEL WIRE SUSPENDED EXTRUSION C/W INTEGRAL DRIVER AND OPAL DIFFUSER CONFIRM THE SUSPENSION HEIGH ON SITE WITH THE ARCHITECT | SILVER | HAVIT HV9693-6070 | A |
| L8 | 24W LED 4000K | 600 LONG SURFACE MOUNTED IP65 DIFFUSED BATTEN C/W INTEGRAL ELECTRONIC CONTROL GEAR AND PRESENCE DETECTION SENSOR | LIGHT GREY | GAMMA ILLUMINATION STORM 1510-MS | A |
| L9 | 120W 4000K LED | ADJUSTABLE IP65 65X65 DEG FLOOD C/W INTEGRAL DRIVER MOUNTED ON A TAPERED 9M GALVANIZED POLE. CIRCUIT AND CONTROL FROM THE LOCAL BUILDINGS DISTRIBUTION BOARD | SILVER | GAMMA ILLUMINATION ALTUS 1346-4K-120W | A |
| L10 | 120W 4000K LED | HIGH LEVEL WALL MOUNTED ADJUSTABLE IP65 65X65 DEG FLOOD C/W INTEGRAL DRIVER | SILVER | GAMMA ILLUMINATION ALTUS 1346-4K-120W | A |
| L11 | 90W 4000K LED | MID LEVEL WALL MOUNTED ADJUSTABLE IP65 65X65 DEG FLOOD C/W INTEGRAL DRIVE | SILVER | GAMMA ILLUMINATION ALTUS 1345-4K-90W | A |
| L12 | HV9722-IP20-64-4K - 4.8W 24V DC IP20 LED STRIP 4000K | 3200 LONG STAINLESS STEEL WIRE SUSPENDED EXTRUSION C/W INTEGRAL DRIVER AND OPAL DIFFUSER CONFIRM THE SUSPENSION HEIGH ON SITE WITH THE ARCHITECT | SILVER | HAVIT HV9693-6070 | A |
| L13 | HV9722-IP20-64-4K - 4.8W 24V DC IP20 LED STRIP 4000K | 1800 LONG STAINLESS STEEL WIRE SUSPENDED EXTRUSION C/W INTEGRAL DRIVER AND OPAL DIFFUSER CONFIRM THE SUSPENSION HEIGH ON SITE WITH THE ARCHITECT | SILVER | HAVIT HV9693-6070 | A |



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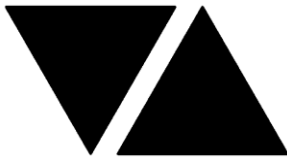
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|-----------------------------------|--|--|--------------------|----------------------------------|-----|
| L14 | HV9722-IP20-64-4K - 4.8W 24V DC IP20 LED STRIP 4000K | 2700 LONG STAINLESS STEEL WIRE SUSPENDED EXTRUSION C/W INTEGRAL DRIVER AND OPAL DIFFUSER CONFIRM THE SUSPENSION HEIGH ON SITE WITH THE ARCHITECT | SILVER | HAVIT HV9693-6070 | A |
| L15 | HV9722-IP20-64-4K - 4.8W 24V DC IP20 LED STRIP 4000K | 4300 LONG STAINLESS STEEL WIRE SUSPENDED EXTRUSION C/W INTEGRAL DRIVER AND OPAL DIFFUSER CONFIRM THE SUSPENSION HEIGH ON SITE WITH THE ARCHITECT | SILVER | HAVIT HV9693-6070 | A |
| E1 | LED | EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D40 - C90-D40. | WHITE | STANILITE SF1LEDP | 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 |
| 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 |
| 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 |
| 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 |
| DRINK FOUNTAIN OUTLET (DF) | | IP54 WEATHERPROOF SINGLE 10 AMP POWER OUTLET C/W COVER FLAP OVER SOCKET MOUNTED WITHIN THE DRINK FOUNTAIN HOUSING. | - | CLIPSAL WSCF227F | A |



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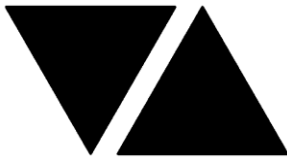
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| WEATHERPROOF POWER OUTLET (WP) | | IP54 WEATHERPROOF SINGLE / DOUBLE POWER OUTLET AS NOTED ON DRAWING C/W COVER FLAP OVER SOCKET. MOUNT AT MINIMUM 1100mm AFFL U.N.O. RATING 10A U.N.O. | - | CLIPSAL WSCF227F | A |
| IP56 WEATHERPROOF POWER OUTLET (WP) | | IP56 WEATHERPROOF SINGLE / DOUBLE POWER OUTLET AS NOTED ON DRAWING. MOUNT AT MINIMUM 1100mm AFFL U.N.O. RATING 10A U.N.O. | - | CLIPSAL "56 SERIES" | A |
| RECESS KIT (RK) | | VERTICALLY ORIENTATED WALL BOX TO ALLOW THE OUTLET TO BE RECESSED WITHIN THE WALL CAVITY | WHITE | REPELEC RECWP1WH | 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 |
| 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 |
| MDB | | EXISTING 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 |
| DB-15 | | BUILDING 15 MAIN DISTRIBUTION BOARD DB-15 TO BE SUPPLIED FROM THE EXISTING MDB AS PER THE POWER SCHEMATIC PROVIDE DISTRIBUTION BOARD DB-15 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 | | NEW MSSB PROVIDED AS PART OF THE MECHANICAL SERVICES SUB CONTRACT. PROVIDE A MCCB IN DB-15 AND SUBMAIN AS PER THE SCHEMATIC. | | | A |
| M | | SUPPLY AUTHORITY CODE COMPLIANT LV MAXIMUM DEMAND TARIFF METER, TO REMAIN AS IS | | | A |
| MFM | | PRIVATE METER, TO REMAIN AS IS | | | A |
| SECURITY EQUIPMENT | | SECURITY EQUIPMENT TO BE PROVIDED BY THE SCHOOL | | | A |



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|---------------------------|-------|---|--------------------|----------------------|-----|
| COMMUNICATIONS RACK CR-15 | | PROVIDE CR-15 AS A FREE STANDING 41 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-15 WITH ALL NECESSARY PATCH PANELS TO ACCOMMODATED THE NEW COMMUNICATIONS OUTLETS. | | | A |
| COMMUNICATIONS OUTLET | | RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO A CAT 6 PATCH PANEL IN COMMUNICATIONS RACK CR-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 |
| PIT P1 | | EXISTING POWER PIT TO BE MODIFIED TO MATCH THE NEW FINISHED LEVELS. PROVIDE THE PIT WITH A NEW TRAFFICABLE NON SLIP LID. | | | A |
| PIT P2 | | EXISTING POWER PIT TO BE MODIFIED TO MATCH THE NEW FINISHED LEVELS. PROVIDE THE PIT WITH A NEW TRAFFICABLE NON SLIP LID. | | | A |
| PIT P3 | | EXISTING POWER PIT TO BE MODIFIED TO MATCH THE NEW FINISHED LEVELS. PROVIDE THE PIT WITH A NEW TRAFFICABLE NON SLIP LID. | | | A |
| PIT C1 | | EXISTING COMMUNICATIONS PIT TO BE MODIFIED TO MATCH THE NEW FINISHED LEVELS. PROVIDE THE PIT WITH A NEW TRAFFICABLE NON SLIP LID. | | | A |
| PIT C2 | | EXISTING COMMUNICATIONS PIT TO BE MODIFIED TO MATCH THE NEW FINISHED LEVELS. PROVIDE THE PIT WITH A NEW TRAFFICABLE NON SLIP LID. | | | 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 |