

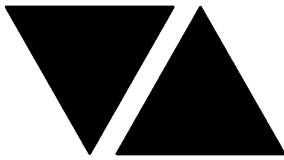
C2803a - RYAN CATHOLIC COLLEGE - TECHNOLOGY CENTRE

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**ELECTRICAL EQUIPMENT SCHEDULE**

REVISION K - 19 APRIL 2023

| THE EQUIPMENT SUPPLIER CONTACT DETAILS MAY BE AVAILABLE ON THE EDG WEBSITE VIA THE FOLLOWING LINK<br><a href="http://www.edg.net.au/links.html">www.edg.net.au/links.html</a> |   |   |                    |   |     |
|---|---|---|--------------------|---|-----|
| TYPE  | LAMPS   | DESCRIPTION   | COLOUR / ACCESSORY | CATALOGUE No  | REV |
| L1  | 40W 4000K LED   | 1200 X 300 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER  | WHITE TRIM         | GAMMA ILLUMINATION PHANTOM 884501                         | A   |
| L2  | CONNECT THE LIGHT FITTING PROVIDED AS PART OF THE SPRAY BOOTH.  |   |                    |   | B   |
| L3  | 62 W 4000K LED  | ROD SUSPENDED HIGH BAY LUMINAIRE AT 3000 AFFL C/W INTEGRAL DRIVER   | WHITE              | LIGHT CULTURE - TRILUX MIRONA 6820951                     | D   |
| L4  | NO LONGER REQUIRED  |   |                    |   | B   |
| L5  | 36W LED 4000K   | UNSWITCHED 1200 LONG SURFACE MOUNTED IP65 DIFFUSED BATTEN C/W INTEGRAL ELECTRONIC CONTROL GEAR NON MAINTAINED AS2293 EMERGENCY PACK THE FITTING IS TO ONLY OPERATE ON MAIN POWER FAILURE  | LIGHT GREY         | GAMMA ILLUMINATION STORM 1558-CCT-36                      | A   |
| L6  | 36W LED 4000K   | 1200 LONG SURFACE MOUNTED IP65 DIFFUSED BATTEN C/W INTEGRAL ELECTRONIC CONTROL GEAR AND INTEGRAL SENSOR   | LIGHT GREY         | GAMMA ILLUMINATION STORM 1558-CCT-36 + MS                 | A   |
| L7  | 42.5W 4000K LED   | EXTERNAL IP65 ADJUSTABLE FLOOD LIGHT MOUNTED AT 3000 AFFL TO ILLUMINATE DOWN ON TO THE HARD STAND   | BLACK              | BEGA 84 442   | C   |
| L8  | 18.1W 4000K LED   | SURFACE MOUNTED SQUARE IP54 BUNKER C/W INTERNAL DRIVER  | WHITE              | ZUMTOBEL PERLUCE O LED2200-840 Q310 EVG IP54 WH           | A   |
| L9  | 8W 4000K LED  | RECESSED 47 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER  | WHITE TRIM         | GAMMA ILLUMINATION MYLO 1004-WFL-4K-8W                    | A   |
| L10   | 34W 4000K LED   | 600 X 600 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER MOUNTED IN THE CEILING T BAR  | WHITE TRIM         | GAMMA ILLUMINATION AXIS 1549-4K-34W                       | A   |
| S1  | A SINGLE HORIZONTAL RUN UNDER THE OVERHEAD CUPBOARDS HARD AGAINST THE SPLASHBACK LED STRIP LIGHT 4000K WHITE LEDS AT 12MM SPACING WITH REMOTE CONTROL GEAR. 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 | B   |
| S2  | 1800LUMEN / METER 4000K LED   | CONTINUOUS EXTRUSION WALL HORIZONTALLY AS PER THE INTERNAL ELEVATION ORIENTATED WITH THE DIFFUSER TO ILLUMINATE UP/ DOWN AND STRAIGHT OUT HORIZONTALLY. PROVIDE THE FITTING WITH REMOTE DRIVERS LOCATED IN A CONCEALED ASSESSABLE POSITION WITH THE DRIVER LOCATED ON THE AS CONSTRUCTED DOCUMENTS. | ALUMINIUM          | GAMMA ILLUMINATION PAP 55028                              | B   |



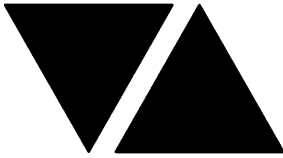
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| TYPE  | LAMPS                          | DESCRIPTION  | COLOUR / ACCESSORY | CATALOGUE No                                | REV |
| S3  | 1800LUMEN / METER<br>4000K LED | CONTINUOUS EXTRUSION WALL HORIZONTALLY AS PER THE INTERNAL ELEVATION ORIENTATED WITH THE DIFFUSER TO ILLUMINATE UP/ DOWN AND STRAIGHT OUT HORIZONTALLY. PROVIDE THE FITTING WITH REMOTE DRIVERS LOCATED IN A CONCEALED ASSESSABLE POSITION WITH THE DRIVER LOCATED ON THE AS CONSTRUCTED DOCUMENTS.  | ALUMINIUM          | GAMMA<br>ILLUMINATION PAP<br>55028          | B   |
| S4  | 1800LUMEN / METER<br>4000K LED | CONTINUOUS EXTRUSION WALL HORIZONTALLY AS PER THE INTERNAL ELEVATION ORIENTATED WITH THE DIFFUSER TO ILLUMINATE UP/ DOWN AND STRAIGHT OUT HORIZONTALLY. PROVIDE THE FITTING WITH REMOTE DRIVERS LOCATED IN A CONCEALED ASSESSABLE POSITION WITH THE DRIVER LOCATED ON THE AS CONSTRUCTED DOCUMENTS.  | ALUMINIUM          | GAMMA<br>ILLUMINATION PAP<br>55028          | B   |
| S5  | 1800LUMEN / METER<br>4000K LED | CONTINUOUS EXTRUSION WITH TWO S5 FITTINGS MOUNTED ON A SINGLE POWDER COATED CUSTOM MOUNTING SUSPENSION AS PER THE INTERNAL ELEVATION AND THE S5 MOUNTING DETAIL. ORIENTATE EACH FITTING WITH THE DIFFUSER TO ILLUMINATE UP/ DOWN AND STRAIGHT OUT HORIZONTALLY. PROVIDE THE FITTING WITH REMOTE DRIVERS LOCATED IN A CONCEALED ASSESSABLE POSITION WITH THE DRIVER LOCATED ON THE AS CONSTRUCTED DOCUMENTS. PROVIDE THE MOUNTING SUSPENSION AS GALVANIZED STEEL AND A SHOP DRAWING FOR APPROVAL. | ALUMINIUM          | GAMMA<br>ILLUMINATION PAP<br>55028          | C   |
| S6  | 1800LUMEN / METER<br>4000K LED | CONTINUOUS ROD SUSPENDED EXTRUSION WITH THE HEIGHT AS PER THE INTERNAL ELEVATION PROVIDE A CUSTOM POWDER COATED MOUNT AS PER THE S5 MOUNTING DETAIL SUCH THAT THE FITTING IS ORIENTATED WITH THE DIFFUSER TO ILLUMINATE UP/ DOWN AND STRAIGHT OUT HORIZONTALLY. PROVIDE THE FITTING WITH REMOTE DRIVERS LOCATED IN A CONCEALED ASSESSABLE POSITION WITH THE DRIVER LOCATED ON THE AS CONSTRUCTED DOCUMENTS.  | ALUMINIUM          | GAMMA<br>ILLUMINATION PAP<br>55028          | E   |
| E1  | LED                            | EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D40 - C90-D40.  | WHITE              | STANILITE SF1LEDP<br>LITHIUM BATTERY        | 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-D3.2 - C90-E2.  | WHITE              | STANILITE LED<br>LEGEND QUICK FIT<br>PLQLED | A   |
| (F1) CEILING FAN TYPE 1   |                                | 2400 DIA CEILING FAN C/W RIGID SUSPENSION KIT. SUSPEND SUCH THAT THE BOTTOM OF THE FAN IS AT 3400mm AFFL.  | WHITE / SILVER     | BIG ASS ESSENCE<br>2400                     | C   |



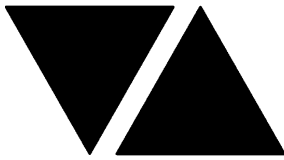
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| TYPE  | LAMPS | DESCRIPTION  | COLOUR / ACCESSORY | CATALOGUE No  | REV |
| FAN SPEED CONTROLLER (FC)   |       | FAN SPEED CONTROLLER TO CONTROL THE FANS INDICATED. CONNECT THE CONTROLLER TO THE FAN AS PER THE FAN MANUFACTURERS INSTRUCTIONS.   | WHITE              | BIG ASS ESSENCE CONTROLLER  | A   |
| SWITCH PANEL 1 (SP1)  |       | SWITCH PANEL SP1 TO CONTAIN SEPARATE MANUAL 20AMP SWITCHES FOR CHANNELS 1, 2 AND 3. MOUNT CENTRED AT 1000mm AFFL UNLESS NOTED OTHERWISE. PROVIDE FOUR FAN SPEED CONTROLLERS ADJACENT SP1 WITH EACH CONFIGURED TO CONTROL ONE OF THE FANS IN THE SPACE CONTAINING SP1. PROVIDE SP1 WITH AN AFTER HOURS BMS INPUT PUSH BUTTON. | WHITE              | CLIPSAL C2000 SERIES 30USM PLUS BMS PUSH BUTTON PLUS FOUR BIG ASS ESSENCE CONTROLLERS | H   |
| SWITCH PANEL 2 (SP2)  |       | SWITCH PANEL SP2 TO CONTAIN SEPARATE MANUAL 20AMP SWITCHES FOR CHANNELS 4, 5 AND 6. MOUNT CENTRED AT 1000mm AFFL UNLESS NOTED OTHERWISE. PROVIDE FOUR FAN SPEED CONTROLLERS ADJACENT SP2 WITH EACH CONFIGURED TO CONTROL ONE OF THE FANS IN THE SPACE CONTAINING SP2. PROVIDE SP1 WITH AN AFTER HOURS BMS INPUT PUSH BUTTON. | WHITE              | CLIPSAL C2000 SERIES 30USM PLUS BMS PUSH BUTTON PLUS FOUR BIG ASS ESSENCE CONTROLLERS | H   |
| SWITCH PANEL 3 (SP3)  |       | SWITCH PANEL SP3 TO CONTAIN SEPARATE MANUAL 20AMP SWITCHES FOR CHANNELS 9 AND 10. MOUNT CENTRED AT 1000mm AFFL UNLESS NOTED OTHERWISE. PROVIDE SP3 WITH AN AFTER HOURS BMS INPUT PUSH BUTTON.  | WHITE              | CLIPSAL C2000 SERIES 30USM PLUS BMS PUSH BUTTON                                       | H   |
| SWITCH PANEL 4 (SP4)  |       | SWITCH PANEL SP4 TO CONTAIN A TWO WAY MANUAL 20AMP SWITCHES FOR CHANNEL 7. MOUNT CENTRED AT 1000mm AFFL UNLESS NOTED OTHERWISE. PROVIDE SP4 WITH AN AFTER HOURS BMS INPUT PUSH BUTTON.   | WHITE              | CLIPSAL C2000 SERIES 30USM PLUS BMS PUSH BUTTON                                       | H   |
| SWITCH PANEL 5 (SP5)  |       | SWITCH PANEL SP5 TO CONTAIN A TWO WAY MANUAL 20AMP SWITCHES FOR CHANNEL 7. MOUNT CENTRED AT 1000mm AFFL UNLESS NOTED OTHERWISE. PROVIDE SP5 WITH AN AFTER HOURS BMS INPUT PUSH BUTTON.   | WHITE              | CLIPSAL C2000 SERIES 30USM PLUS BMS PUSH BUTTON                                       | H   |
| SWITCH PANEL 6 (SP6)  |       | SWITCH PANEL SP6 TO CONTAIN A MANUAL 20AMP SWITCH FOR CHANNEL 8. MOUNT CENTRED AT 1000mm AFFL UNLESS NOTED OTHERWISE. PROVIDE SP6 WITH AN AFTER HOURS BMS INPUT PUSH BUTTON.   | WHITE              | CLIPSAL C2000 SERIES 30USM PLUS BMS PUSH BUTTON                                       | H   |
| SWITCH PANEL 7 (SP7)  |       | SWITCH PANEL SP7 TO CONTAIN A MANUAL 20AMP SWITCH FOR CHANNEL 11. MOUNT CENTRED AT 1000mm AFFL UNLESS NOTED OTHERWISE. PROVIDE SP7 WITH AN AFTER HOURS BMS INPUT PUSH BUTTON.  | WHITE              | CLIPSAL C2000 SERIES 30USM PLUS BMS PUSH BUTTON                                       | H   |



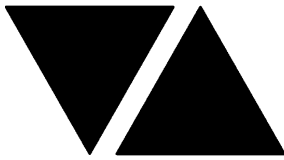
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| TYPE  | LAMPS | DESCRIPTION  | COLOUR / ACCESSORY | CATALOGUE No               | REV |
| ONE-WAY LIGHT SWITCH  |       | ONE-WAY LIGHT SWITCH C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND. MOUNTED CENTRED AT 1000mm AFFL UNLESS NOTED 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 CENTRED 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   |
| WELDING CONTROL PANEL (WCP)   |       | WELDING EXHAUST CONTROL PANEL. TAKE POSSESSION ON SITE AND INSTALL AT 1100AFFL AS PER THE MANUFACTURERS INSTRUCTION  |                    |                            | D   |
| MOTOR 1 (M1)  |       | CONNECT THE WELDING EXHAUST CONTROL PANEL TO THE FAN MOTOR AT HIGH LEVEL VIA A SHIELDED 2.5MM 3C + E CABLE AS PER THE AS PER THE MANUFACTURERS INSTRUCTIONS.   |                    |                            | D   |
| DP SENSOR 1 (DP1)   |       | CONNECT THE WELDING EXHAUST CONTROL PANEL TO THE DUCT SENSOR LOCATED AT HIGH LEVEL ON TOP OF THE DUCT VIA A SHIELDED 2C SECURITY CABLE AS PER THE MANUFACTURERS INSTRUCTIONS.  |                    |                            | D   |
| DUST CONTROL PANEL (DCC)  |       | DUST CONTROL PANEL. TAKE POSSESSION ON SITE AND INSTALL AT 1100 AFFL AS PER THE MANUFACTURERS INSTRUCTION  |                    |                            | D   |
| MOTOR 2 (M2)  |       | CONNECT THE DUST CONTROL PANEL TO THE MAIN DUST EXTRACTION FAN MOTOR VIA A SHIELDED 2.5MM 3C + E CABLE AS PER THE AS PER THE MANUFACTURERS INSTRUCTIONS.   |                    |                            | D   |
| MOTOR 3 (M3)  |       | CONNECT THE DUST CONTROL PANEL TO THE SHAKER MOTOR AT 2500 AFFL VIA A SHIELDED 4MM 3C + E CABLE AS PER THE AS PER THE MANUFACTURERS INSTRUCTIONS.  |                    |                            | D   |
| DP SENSOR 2 (DP2)   |       | CONNECT THE DUST CONTROL PANEL TO THE DUCT SENSOR LOCATED AT HIGH LEVEL ON TOP OF THE DUCT VIA A SHIELDED 2C SECURITY CABLE AS PER THE MANUFACTURERS INSTRUCTIONS.   |                    |                            | D   |



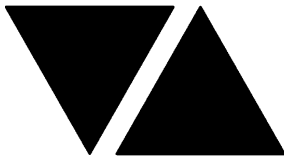
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|---|-------|---|-------------------------|--------------------------------------|-----|
| TYPE  | LAMPS | DESCRIPTION   | COLOUR / ACCESSORY      | CATALOGUE No                         | REV |
| REMOTE 1 (R1)   |       | CONNECT THE DUST CONTROL PANEL TO THE REMOTE ON / OFF CONTROL PANEL VIA A SHIELDED 2C SECURITY CABLE AS PER THE MANUFACTURERS INSTRUCTIONS. TAKE POSSESSION ON SITE OF THE REMOTE ON / OFF CONTROL PANEL AND INSTALL IT AT 1100 AFFL AS PER THE MANUFACTURERS INSTRUCTION   |                         |                                      | D   |
| 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 3000 AFFL U.N.O  | WHITE                   | CLIPSAL C2000 SERIES                 | A   |
| TYPE A OUTLET   |       | PROVIDE ALL OUTLETS NOTED AS "TYPE A" AS CLIPSAL B STYLE STAINLESS STEEL  |                         |                                      | A   |
| TYPE B OUTLET   |       | DESK TOP RECESSED MULTI GANG FACEPLATE C/W OUTLETS AS PER THE FLOOR PLAN SUPPLY   | BRUSHED STAINLESS STEEL | OE ELSAFE PODIUM 2 GANG PLUS OUTLETS | C   |
| 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   |
| SPECIAL PURPOSE POWER OUTLET IP56, 20A.   |       | IP56 WEATHERPROOF COMBINATION SWITCH SINGLE / POWER OUTLET AS NOTED ON DRAWING C/W COVER FLAP OVER SOCKET.  | GREY                    | CLIPSAL IP56 SERIES 56C320F          | 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   |
| THREE-PHASE 56-SERIES OUTLET  |       | IP56 WEATHERPROOF COMBINATION SWITCH AND POWER OUTLET AS NOTED ON DRAWING C/W COVER FLAP OVER SOCKET.   | GREY                    | CLIPSAL IP56 SERIES                  | A   |
| SINGLE 15A POWER OUTLET SUSPENDED (SUS)   |       | SINGLE 15A POWER OUTLET SUSPENDED TO 1600 AFFL UNLESS NOTED OTHERWISE VIA A 3MM STAINLESS STEEL WIRE ROPE.  | WHITE                   | CLIPSAL "56 SERIES" 56SPO315         | A   |
| EMERGENCY SHUT OFF x (ESOx)   |       | EMERGENCY SHUT OFF. STAINLESS STEEL FACE PLATE WITH A RED LOCKING MUSHROOM PUSH BUTTON, TO OPERATE THE EMERGENCY SHUTDOWN OF THE CIRCUITS AS PER THE CONTROL SCHEMATIC AND DISTRIBUTION BOARD SCHEDULE. ENGRAVE THE FACEPLATE WITH "EMERGENCY SHUTDOWN" IN 10mm HIGH RED LETTERS. ALL EMERGENCY SHUT OFFS WITH THE SAME DESIGNATION ARE TO BE CONFIGURED TO WORK IN PARNELL THE PUSH BUTTON IS TO BE A TWIST TO RESET TYPE. MOUNT THE ESO AT 1800 AFFL. REFER TO THE ESO DETAIL |                         |                                      | A   |



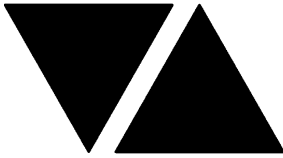
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| COMMUNICATIONS RACK CR-1  |       | EXISTING MAIN FIBRE DISTRIBUTION RACK WITHIN THE ADMINISTRATION BUILDING. UPGRADE THE FOBOT AS REQUIRED TO ACCOMMODATE THE NEW FIBRE TO CR-18  |                    |   | D   |
| COMMUNICATIONS RACK CR-18   |       | COMMUNICATIONS RACK C/W PATCH PANELS AS REQUIRED TO ACCOMMODATE THE NEW COMMUNICATIONS OUTLETS AND A FOBOT TO FACILITATE THE NEW FIBRE CABLE. 22 RU HIGH 600DEEP WALL MOUNTED AT HIGH LEVEL  |                    |   | A   |
| RECESS KIT (RK)   |       | VERTICALLY ORIENTATED WALL BOX TO ALLOW THE OUTLET TO BE RECESSED WITHIN THE WALL CAVITY   | WHITE              | REPELEC RECWP1WH                        | A   |
| COMMUNICATIONS OUTLET   |       | RJ45 CAT-6A SHIELDED COMMUNICATIONS OUTLET, CABLED BACK TO THE ASSOCIATED COMMUNICATIONS RACK TERMINATED ONTO FACILITY PATCH PANELS VIA 4-PAIR CAT-6 SHIELDED TWISTED PAIR CABLE. MOUNT UP TO 3 RJ45 OUTLETS PER MULTI-GANG FACEPLATE WITH SEPARATE PERMANENT LABELLING FOR EACH OUTLET. | WHITE              | CLIPSAL "C2000 SERIES" COMMSCOPE OUTLET | A   |
| DB-18   |       | BUILDING DISTRIBUTION BOARD TO INCORPORATE DB-E REFER TO THE POWER SCHEMATIC AND SPECIFICATION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.  |                    |   | A   |
| DB-A  |       | MAKER SPACE DISTRIBUTION BOARD REFER TO THE POWER SCHEMATIC, THE DB-A SCHEDULE AND SPECIFICATION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.  |                    |   | A   |
| DB-B  |       | ENGINEERING DISTRIBUTION BOARD REFER TO THE POWER SCHEMATIC, THE DB-B SCHEDULE AND SPECIFICATION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.  |                    |   | A   |
| DB-C  |       | CONSTRUCTION / FURNISHING DISTRIBUTION BOARD REFER TO THE POWER SCHEMATIC, THE DB-C SCHEDULE AND SPECIFICATION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.  |                    |   | A   |
| DB-D  |       | CONSTRUCTION COURT DISTRIBUTION BOARD REFER TO THE POWER SCHEMATIC, THE DB-D SCHEDULE AND SPECIFICATION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.   |                    |   | A   |
| DB-E  |       | BUILDING DISTRIBUTION BOARD. INCORPORATED IN DB-18 REFER TO THE POWER SCHEMATIC, THE DB-E SCHEDULE AND SPECIFICATION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.  |                    |   | A   |
| MDB   |       | MAIN DISTRIBUTION BOARD REFER TO THE POWER SCHEMATIC AND SPECIFICATION FOR ADDITIONAL INFORMATION AND REQUIREMENTS. WALL MOUNT THE MDB 400 ABOVE THE FLOOR AND PROVIDE A GALVANIZED FRAMED HAT SECTION WITH REMOVABLE SEPARATE COLOURBOND FRONT AND SIDE PANELS BELOW THE MDB.           |                    |   | F   |



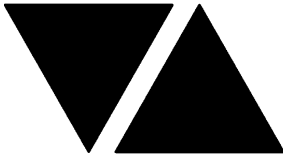
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| TYPE  | LAMPS | DESCRIPTION  | COLOUR / ACCESSORY | CATALOGUE No                        | REV |
| MSB   |       | UPGRADE THE EXISTING MSB AS PER THE POWER SCHEMATIC WITH THE NEW SWITCHGEAR MATCHING THE EXISTING. CONFIRM AND UPDATE ALL OF THE EXISTING MCCB LABELS AS IT APPEARS SOME OF THE EXISTING MCCB LABELLING IS NOT CORRECT AND MAY BE MISLEADING.  |                    |                                     | A   |
| HORN  |       | SURFACE MOUNTED ADJUSTABLE MULTI TAPPED 30W IP66 HORN SPEAKER CONNECTED TO A HIGH SCHOOL EXTERNAL SCHOOL BELL PA SYSTEM AMPLIFIER MOUNTED IN THE COMMUNICATIONS RACK WITHIN THE ASSOCIATED BLOCK   | GREY               | AUSTRALIAN MONITOR ATC 30           | A   |
| SPEAKER   |       | RECESSED 265 DIA DUAL CONE SPEAKER C/W 100V MULTI-TAP TRANSFORMER AND FLUSH GRILLE. CONNECT THE SPEAKERS IN EACH BLOCK TO A DEDICATED SCHOOL BELL PA SYSTEM AMPLIFIER / ZONE MOUNTED IN THE COMMUNICATIONS RACK WITHIN THE ASSOCIATED BLOCK  | WHITE              | BOSCH F.01U.026.342<br>- LBC3099/41 | A   |
| CONTACTOR (Cx)  |       | PROVIDE ALL CONTACTORS AS HEAVY DUTY MOTOR START TYPE.   |                    |                                     | A   |
| RELAY (Rx)  |       | CONTROL RELAY.   |                    |                                     | A   |
| NEON / LED INDICATOR (Nx)   |       | STANDARD FACEPLATE MECHANISM INDICATOR TO ILLUMINATE AMBER WHEN THE SWITCH IS ON.  |                    |                                     | A   |
| CONDUIT ACCESS TYPE CA  |       | PROVIDE 2 X 100 DIA POWER CONDUITS BORED FROM PIT 1 TO THE EXISTING MSB TRENCH.  |                    |                                     | D   |
| CONDUIT ACCESS TYPE CB  |       | PROVIDE 2 X 100 DIA POWER CONDUITS FROM PIT 1 TO THE MDB   |                    |                                     | K   |
| CONDUIT ACCESS TYPE CC  |       | PROVIDE 2 X 100 DIA POWER CONDUITS FROM DB-18 TO THE MDB   |                    |                                     | K   |
| CONDUIT ACCESS TYPE CD  |       | PROVIDE THE 4 X 50 DIA COMMUNICATIONS CONDUITS UNDERGROUND FROM THE EXISTING COMMUNICATIONS PIT TO CR-18. PROVIDE A SPARE DRAW WIRE IN EACH CONDUIT  |                    |                                     | E   |
| CONDUIT ACCESS TYPE CE  |       | NO LONGER REQUIRED   |                    |                                     | K   |
| CONDUIT ACCESS TYPE CF  |       | PROVIDE A 50 DIA COMMUNICATION CONDUITS UNDERGROUND FROM CR-18 TO THE HALL BMS PANEL IN THE NEW MEZZANINE PLANTROOM. PROVIDE A SPARE DRAW WIRE IN EACH CONDUIT COORDINATE THE POSITION OF THE CONDUIT WITH THE HALL AC BMS PANEL SUPPLIER. PROVIDE THE CONDUIT WITH A FIBRE CABLE AND MEDIA CONVERTERS AS PER THE SPECIFICATION. |                    |                                     | J   |



C2803a - RYAN CATHOLIC COLLEGE - TECHNOLOGY CENTRE

C2803a-0002(K).xls

## ELECTRICAL EQUIPMENT SCHEDULE

REVISION K - 19 APRIL 2023

| THE EQUIPMENT SUPPLIER CONTACT DETAILS MAY BE AVAILABLE ON THE EDG WEBSITE VIA THE FOLLOWING LINK<br><a href="http://www.edg.net.au/links.html">www.edg.net.au/links.html</a> |       |   |  |  |     |
|---|-------|---|--|--|-----|
| TYPE  | LAMPS | DESCRIPTION   | COLOUR / ACCESSORY                             | CATALOGUE No                               | REV |
| PIT 1   |       | <p>PROVIDE PIT A AS A NEW POWER PIT WITH A CLASS C INFILL LID C/W PROPRIETARY PRECAST CONCRETE LID SURROUND, PRECAST CONCRETE PIT AND PRECAST CONCRETE RISERS AS REQUIRED. ENSURE THE TOP OF THE PIT IS FLUSH WITH THE FINAL SURROUNDING LEVELS. STAMP THE PIT LID WITH THE WORD "ELECTRICITY" DRAIN THE PIT TO STORM WATER AND PROVIDE THE PIT WITH A WEEP HOLE IN THE BASE INTO A 1 M CUBED GRAVEL SOAKAGE PIT. PROVIDE DETAILS OF THE PIT / 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.</p> | POWER PIT 900 X 900<br>OPENING X 800 MIN DEPTH | DURHAM FAC99C<br>S99B , R9XX AND<br>P996-C | D   |
| PIT 2   |       | NO LONGER REQUIRED  |  |  | K   |
| (B) ELECTRICAL OUTLET MOUNTING BOLLARD  |       | <p>CUSTOM MADE FULLY WELDED HOT DIPPED GALVANIZED STEEL BOLLARD C/W MOUNTING PLATE BOLTED TO THE FLOOR WITH FACILITY FOR A CLIPSALE 56 SERIES OUTLET TO BE MOUNTED AT 900 ON EACH SIDE. PROVIDE A BLANK ON THE SIDES THAT DO NOT CONTAIN OUTLETS. PROVIDE A 50 DIA CONDUIT FROM THE BOLLARD TO THE LOCAL / ROOMS DISTRIBUTION BOARD TO ALLOW FUTURE CIRCUITS TO BE RUN TO THE BOLLARD. PROVIDE A SHOP DRAWING OF THE BOLLARD FOR APPROVAL.</p>  |  |  | D   |
| SECURITY DATA GATHERING PANEL (DGP)   |       | <p>SECURITY DATA GATHERING PANEL CONNECTED TO THE SCHOOLS EXISTING SECURITY SYSTEM VIA FIBRE MODEMS LOCATE THE DATA GATHERING PANEL AT 2400 AND LOCATE THE GPO WITHIN THE PANEL. PROVIDE A CONCEALED FIBRE PATCH LEAD FROM THE DGP THROUGH THE WALL INTO THE COMMUNICATIONS RACK FOR CONNECTION INTO THE FIBRE OPTIC TERMINAL. THE DGP TYPE IS TO MATCH THE EXISTING DGPS. PROGRAM THE SECURITY SYSTEM AS REQUIRED TO ACCOMMODATE THE NEW DGPS AND CHANGES TO THE SATISFACTION OF THE OPERATOR.</p>   |  |  | A   |
| SECURITY PIEZO SIREN  |       | FLUSH RECESSED PIEZO SIREN SUBMIT DETAILS FOR APPROVAL PRIOR TO ORDERING  |  |  | A   |
| SECURITY INTRUDER DETECTOR  |       | <p>DUAL-TECHNOLOGY MOVEMENT DETECTORS WALL MOUNTED AS PER THE MANUFACTURER'S SPECIFICATION. CONNECT TO THE LOCAL SECURITY EQUIPMENT WITH ONE DETECTOR PER ZONE. TYPE TO MATCH THE EXISTING JUNIOR SCHOOL DETECTORS. PROGRAM THE SECURITY SYSTEM AS REQUIRED TO ACCOMMODATE THE NEW DETECTORS AND CHANGES TO THE SATISFACTION OF THE OPERATOR. SUBMIT DETAILS FOR APPROVAL PRIOR TO ORDERING</p>   |  |  | A   |
| SECURITY SYSTEM KEYPAD (KP)   |       | <p>LCD KEYPAD MOUNTED AT 1100mm AFFL. CONNECT TO THE LOCAL SECURITY EQUIPMENT. MOUNT AT 1400 AFFL UNO. PROGRAM THE SECURITY SYSTEM AS REQUIRED TO ACCOMMODATE THE NEW KEY PANELS AND CHANGES TO THE SATISFACTION OF THE OPERATOR. SUBMIT DETAILS FOR APPROVAL PRIOR TO ORDERING</p>   |  |  | A   |