ELECTRICAL DESIGN GROUP
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C3826a - KINGS CHRISTIAN COLLEGE - WALLOON - PRIMARY WAL01 **C3826a-0002(D).xls**

ELECTRICAL EQUIPMENT SCHEDULE

REVISION D - 02 NOVEMBER 2026

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	28W 4000K LED	600 X 600 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER MOUNTED IN A SURFACE MOUNTING KIT	WHITE TRIM	GAMMA ILLUMINATION PHANTOM 600X600 88 SERIES 28W C/W SCREW FREE SURFACE KIT	A
L2	8W 4000K LED	RECESSED 47 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION MYLO 1004-WFL-4K-8W	A
L3	13W 4000K LED	SURFACE MOUNTED ADJUSTABLE CAN 55 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER PROVIDE THE FITTING WITH A CUSTOM SILVER MOUNTING PLATE TO ALLOW IT TO BE MOUNTED TO THE CORRIGATED CEILING LINING WITHOUT ANY GAPS.	SILVER	GAMMA ILLUMINATION TUBO 1101-VWFL-4K-13W-4K-13W	C
L4	4000K LED 17.2W/M IP20 24V DC LED STRIP	ROD SUSPENDED 2100 LONG EXTRUSION LEVEL WITH THE UNDERSIDE OF THE SUSPENDED ACOUSTIC PANELS. PROVIDE THE EXTRUSION WITH AN OPAL DIFFUSER AND ALL NECESSARY ACCESSORIES. PROVIDE A DRIVER IN A REMOTE CONCEALED POSITION NOTED ON THE AS CONSTRUCTED DRAWINGS.	BLACK EXTRUSION AND SUSPENSION	M-ELEC ML-ALUSUS-K-V3 + ML-VL-17.2-.NW	A
L5	22W 4000K LED	WALL MOUNTED 55DEG ADJUSTABLE FLOOD LIGHT TO ILLUMINATE THE CEILING C/W INTEGRAL DRIVER. CONFIRM THE MOUNTING HEIGHTAND AIMING ON SITE WITH THE ARCHITECT. PROVIDE THE FITTING WITH A CUSTOM SILVER MOUNTING PLATE TO ALLOW IT TO BE MOUNTED TO THE CORRIGATED WALL LINING WITHOUT ANY GAPS.	SILVER	GAMMA ILLUMINATION 1115SM-VWFL-4K-22W	D
L6	NOT USED				A
L7	22W 4000K LED	300 X 600 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER MOUNTED IN A RECESS PLASTERBOARD MOUNTING KIT	WHITE TRIM	GAMMA ILLUMINATION 1550-4K-22W C/W RECESS PB MOUNTING KIT	A
L8	34W 4000K LED	300 X 1200 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER MOUNTED IN A RECESS PLASTERBOARD MOUNTING KIT	WHITE TRIM	GAMMA ILLUMINATION 1549-4K-34W C/W RECESS PB MOUNTING KIT	A
L9	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
L10	36W LED 4000K	1200 LONG SURFACE MOUNTED IP65 DIFFUSED BATTEN C/W INTEGRAL ELECTRONIC CONTROL GEAR	LIGHT GREY	GAMMA STORM 1558-CCT-36	A

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L11	13W 4000K LED	SURFACE MOUNTED CAN DOWNLIGHT C/W INTEGRAL DRIVER	WHITE	GAMMA ILLUMINATION TONDO 1326-4K-13W	A
L12	22W 4000K LED	RECESSED 52 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION COBALT 1401-4K-22W	A
L13	4000K LED 17.2W/M IP20 24V DC LED STRIP	ROD SUSPENDED 1200 LONG EXTRUSION. PROVIDE THE EXTRUSION WITH AN OPAL DIFFUSER AND ALL NECESSARY ACCESSORIES. PROVIDE A DRIVER IN A REMOTE CONCEALED POSITION NOTED ON THE AS CONSTRUCTED DRAWINGS. CONFIRM THE SUSPENSION HEIGH ON SITE WITH THE ARCHITECT	BLACK EXTRUSION AND SUSPENSION	M-ELEC ML-ALUSUS-K-V3 + ML-VL-17.2-.NW	A
L14	28W 4000K LED	600 X 600 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER MOUNTED IN A RECESS PLASTERBOARD MOUNTING KIT	WHITE TRIM	GAMMA ILLUMINATION PHANTOM 600X600 88 SERIES 28W C/W RECESS PB MOUNTING KIT	A
L15	13W 4000K LED	RECESSED ADJUSTABLE 41 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER	WHITE	GAMMA ILLUMINATION CORBEL 1410-4K-13W	A
L16	60W 4000K LED	WALL MOUNTED AT HIGH LEVEL OR SOFFIT MOUNTED ADJUSTABLE IP65 55 DEG FLOOD C/W INTEGRAL DRIVER	SILVER	GAMMA ILLUMINATION ALTUS 1342-4K	A
L17	EXISTING POLE LIGHT. EXTEND THE EXISTING C32 CONDUIT TO THE ELECTRICAL ROOM / PIT AND PROVIDE THE L17 WITH A T2 CCTV CAT 6 PLUG WITH HEIGHT OF THE PLUG CONFIRMED WITH THE COLLEGE ON SITE.				B
L18	8W 4000K LED	RECESSED 47 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER	BLACK	GAMMA ILLUMINATION MYLO 1004-WFL-4K-8W	C
E1	LED	EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D40 - C90-D40.	WHITE	STANILITE SF1LEDP	A
E2	LED	EMERGENCY LIGHT: WALL MOUNTED RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D40 - C90-D40. MOUNT THE FITTING AS LOW AS PRACTICAL ABOVE THE DOOR HEAD.	WHITE	STANILITE SF1LEDP	C

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E3	LED	EMERGENCY LIGHT: SURFACE MOUNTED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D40 - C90-D40. PROVIDE THE FITTING WITH A CUSTOM SILVER MOUNTING PLATE TO ALLOW IT TO BE MOUNTED TO THE CORRIGATED CEILING LINING WITHOUT ANY GAPS.	WHITE	STANILITE ECOSPITFIREBOX	C
E4	LED	EMERGENCY LIGHT: WALL SURFACE MOUNTED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D40 - C90-D40. PROVIDE THE FITTING WITH A CUSTOM SILVER MOUNTING PLATE TO ALLOW IT TO BE MOUNTED TO THE CORRIGATED WALL LINING WITHOUT ANY GAPS.	WHITE	STANILITE ECOSPITFIREBOX	C
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 UNLESS NOTED AS BLACK (BK)	STANILITE PQFLEDP	A
EX WP	LED	EXIT LIGHT: MAINTAINED WEATHER PROOF 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-D1.25- C90-D2	WHITE	STANILITE WPELLBE	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
CHANNEL x		CONTROL CHANNEL WITH A NUMERICAL REFERENCE. REFER TO THE POWER AND LIGHTING CONTROL SCHEMATIC / SCHEDULE			A
LIGHTING CONTACTOR (Cx)		LIGHTING CONTROL CONTACTOR DIN RAIL MOUNTED IN THE LIGHTING DB CONFIGURED AS PER THE LIGHTING SCHEMATIC			A
LIGHTING TIME CLOCK (TC)		LIGHTING CONTROL 7 DAY 24 HOUR TIME CLOCK C/W BATTERY BACKUP DIN RAIL MOUNTED IN THE LIGHTING DB CONFIGURED AS PER THE LIGHTING SCHEMATIC			A
LIGHTING PE SENSOR (PE)		ADJUSTABLE LIGHT LEVEL SENSOR. CONFIRM THE LOCATION ON SITE WITH THE ARCHITECT CONFIGURED AS PER THE LIGHTING SCHEMATIC			A

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SWITCH PANEL 1 (SP1)		MULTI GANG ENGRAVED LIGHT SWITCH PANEL CONFIGURED AS PER THE LIGHTING CONTROL SCHEMATIC MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES 30USM	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
DOUBLE POWER OUTLET (USB)		DOUBLE POWER OUTLET C/W TWO USB C CHARGER PORTS , CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNT AB U.N.O. RATING 10A U.N.O.	WHITE UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES FACEPLATE	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
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
BLACK FITTING (BK)		FITTING / OUTLET NOTED AS BK IS TO BE PROVIDED AS BLACK IN COLOUR OR PAINTED BLACK.	BLACK	-	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
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
FLOOR BOX (FB1)		INSITU FLUSH FLOOR BOX C/W A DOUBLE GPO AND A COMMUNICATIONS OUTLET . PROVIDE THE GPOS AND COMMUNICATIONS OUTLET AS PER THE STANDARD DESCRIPTIONS.	STAINLESS STEEL	ECD FB2SHD	A
SIGN CONNECTION		COORDINATE THE LOCATION AND CONNECTION WITH THE SIGN CONTRACTOR ENSURING THE GPO / ISOLATORS ARE PROVIDED WITH APPROPRIATE WEATHER PROTECTION AND ARE CONCEALED FROM VIEW.			A
MSB		EXISTING MAIN SWITCHBOARD TO BE CONNECTED TO THE MDB-A VIA A NEW UNDERGROUND SUBMAIN AS PER THE POWER SCHEMATIC AND ASSOCIATED NOTES.			A
MDB-A		MAIN DISTRIBUTION BOARD MDB-A AS PER THE POWER SCHEMATIC 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
DB-M		EXISTING DISTRIBUTION BOARD DB-M TO REMAIN AS IS.			A
DB-P		DISTRIBUTION BOARD DB-P AS PER THE DB-P SCHEDULE, 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
DB-L		DISTRIBUTION BOARD DB-L AS PER THE DB-L SCHEDULE, 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-G		NEW MSSB PROVIDED AS PART OF THE MECHANICAL SERVICES SUB CONTRACT. PROVIDE A MCCB IN THE MDB AND SUBMAIN AS PER THE POWER SCHEMATIC TO SUPPLY THE MSSB-G.			A
M1		SUPPLY AUTHORITY CODE COMPLIANT LV MAXIMUM DEMAND TARIFF METER. TO REMAIN AS IS			A
M2		EXISTING SOLAR NETWORK SMART METER TO REMAIN AS IS.			A
M3		EXISTING PRIVATE MULTI FUNCTION METER TO REMAIN AS IS.			A
M4		SOLAR SMART METER.			A

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M5		NCC PART J ENERGY METER.			A
CL		FULL LOAD BREAK CONTACTOR			A
GPR		WIRELESS CONTROLLED PROTECTION RELAY TO BE COMPATIBLE / INTERFACED WITH THE EXISTING WIRELESS PROTECTION SYSTEM.			A
DL		SOLAR DATA LOGGER.			A
GSD		SOLAR GENERATION SIGNALLING DEVICE.			A
SPD		EXISTING MSB SURGE PROTECTION DEVICE			A
SM		EXISTING MSB SOLAR SMART METER.			A
SECURITY EQUIPMENT		SECURITY EQUIPMENT TO BE PROVIDED BY THE 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-A		PROVIDE CR-A AS A FREE STANDING 41 RU MINIMUM 800 DEEP COMMUNICATIONS RACK WITH A 96 PORT FOBOT AND ALL NECESSARY PATCH PANELS TO ACCOMMODATED THE COMMUNICATIONS OUTLETS, CCTV POINTS AND VAPE POINTS. PROVIDE CR-A WITH, CASTERS, TWO RACK MOUNTED SHELVES, CABLE MANAGEMENT AND TWO 10 PORT POWER RAILS. PROVIDE ALL OF THE CABLES CONNECTED TO CR-A WITH SUFFICIENT LENGTH TO ALLOW THE RACK TO BE MOVED 1000MMD. PROVIDE THE TOP OF THE RACK WITH FOUR TEMPERATURE CONTROLLED FANS.			A
COMMUNICATIONS RACK CR-B		PROVIDE CR-B AS A FREE STANDING 41 RU MINIMUM 800 DEEP COMMUNICATIONS RACK WITH CASTERS, TWO RACK MOUNTED SHELVES AND TWO 10 PORT POWER RAILS. PROVIDE THE TOP OF THE RACK WITH FOUR TEMPERATURE CONTROLLED FANS.			A
COMMUNICATIONS RACK CR-C		PROVIDE CR-C AS A FREE STANDING 41 RU MINIMUM 800 DEEP COMMUNICATIONS RACK WITH CASTERS, TWO RACK MOUNTED SHELVES AND TWO 10 PORT POWER RAILS. PROVIDE THE TOP OF THE RACK WITH FOUR TEMPERATURE CONTROLLED FANS.			A
COMMUNICATIONS OUTLET		RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO A CAT 6 PATCH PANEL IN COMMUNICATIONS RACK CR-A 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 UNLESS NOTED AS BLACK (BK)	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-A 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 UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES	A
CAT 6A STP COMMUNICATIONS OUTLET (SM) SURFACE MOUNTED		RJ45 CAT-6A STP COMMUNICATIONS OUTLET MOUNTED ON A SURFACE MOUNTED MOUNTING BLOCK, CABLED BACK TO A CAT 6 PATCH PANEL IN COMMUNICATIONS RACK CR-A 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.	WHITE UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES	A
CCTV POINT (T1)		CEILING MOUNTED RJ45 CAT-6 COMMUNICATIONS PLUG, CABLED BACK TO A DEDICATED CCTV CAT 6 PATCH PANEL IN COMMUNICATIONS RACK CR-A VIA YELLOW 4-PAIR CAT-6 UTP CABLE. PROVIDE THE PLUG SUCH THAT IT PROTRUDES OUT 150MM FROM A FLUSH CONDUIT TO ALLOW THE CAMERA TO BE INSTALLED OVER THE CONDUIT WITH THE PLUG DIRECTLY CONNECTED INTO THE CONCEALED REAR OF THE CAMERA.			A
CCTV POINT (T2)		WALL MOUNTED RJ45 CAT-6 COMMUNICATIONS PLUG, CABLED BACK TO A DEDICATED CCTV CAT 6 PATCH PANEL IN COMMUNICATIONS RACK CR-A VIA YELLOW 4-PAIR CAT-6 UTP CABLE. PROVIDE THE PLUG SUCH THAT IT PROTRUDES OUT 150MM FROM A FLUSH CONDUIT TO ALLOW THE CAMERA TO BE INSTALLED OVER THE CONDUIT WITH THE PLUG DIRECTLY CONNECTED INTO THE CONCEALED REAR OF THE CAMERA.			A
VAPE POINT (VP)		RJ45 CAT-6 COMMUNICATIONS PLUG, CABLED BACK TO A DEDICATED CCTV CAT 6 PATCH PANEL IN COMMUNICATIONS RACK CR-12 VIA PURPLE 4-PAIR CAT-6 UTP CABLE. PROVIDE THE PLUG SUCH THAT IT PROTRUDES OUT 150MM FROM A FLUSH CONDUIT TO ALLOW THE VAPE SENSOR TO BE INSTALLED OVER THE CONDUIT WITH THE PLUG DIRECTLY CONNECTED INTO THE CONCEALED REAR OF THE SENSOR.			A
SECURITY SMOKE ALARM (S)		PROVIDED A GARLAND 4 X 14/020 4 CORE SECURITY CABLE FROM A POSITION 1500 AFFL FOR A DOOR RELEASE PUSH BUTTON RUN CONCEALED BACK TO THE SECURITY EQUIPMENT. THE CABLE IS TO BE UNIQUELY LABELLED AT BOTH ENDS AND BE COILED IN THE CEILING SPACE ABOVE THE SECURITY EQUIPMENT WITH 4M OF SPARE CABLE LENGTH FOR CONNECTION TO THE SECURITY EQUIPMENT BY THE SECURITY CONTRACTOR. PROVIDE THE CABLE AT THE PUSH BUTTON POSITION SUCH THAT IT PROTRUDES OUT 150MM FROM A VERTICAL STANDARD OUTLET MOUNTING BRACKET WITHIN THE WALL TO ALLOW THE PUSH BUTTON FACEPLATE TO BE INSTALLED WITH THE CABLE DIRECTLY CONNECTED INTO THE CONCEALED REAR OF THE PUSH NUTTON BY THE SECURITY CONTRACTOR.			D
SECURITY SWITCH PANEL (SSP)		PROVIDED THREE NO GARLAND 4 X 14/020 FOUR CORE SECURITY CABLES FROM A BELOW BENCH POSITION FOR A FACEPLATE HOUSING A REMOTE DOOR RELEASE PUSH BUTTON, LOCK DOWN PUSH BUTTON AND A EVACUATION PUSH BUTTON. RUN THE CABLES CONCEALED BACK TO THE SECURITY EQUIPMENT. THE CABLES ARE TO BE UNIQUELY LABELLED AT BOTH ENDS AND BE COILED IN THE CEILING SPACE ABOVE THE SECURITY EQUIPMENT WITH 4M OF SPARE CABLE LENGTH FOR CONNECTION TO THE SECURITY EQUIPMENT BY THE SECURITY CONTRACTOR. PROVIDE THE CABLES AT THE PUSH BUTTON FACEPLATE POSITION SUCH THAT THEY PROTRUDE OUT 150MM FROM A STANDARD OUTLET MOUNTING BLOCK TO ALLOW THE PUSH BUTTON FACEPLATE TO BE INSTALLED WITH THE CABLE DIRECTLY CONNECTED INTO THE CONCEALED REAR OF THE PUSH NUTTON BY THE SECURITY CONTRACTOR. CONFIRM THE LOCATION OF THE PUSH BUTTON FACEPLATE ON SITE WITH THE COLLEGE.			D

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SECURITY RSD PUSH BUTTON (PB)		PROVIDED A GARLAND 4 X 14/020 FOUR CORE SECURITY CABLE FROM A POSITION 1500 AFFL FOR A ROLLER SHUTTER DOOR RELEASE PUSH BUTTON RUN CONCEALED BACK TO THE SECURITY EQUIPMENT. THE CABLE IS TO BE UNIQUELY LABELLED AT BOTH ENDS AND BE COILED IN THE CEILING SPACE ABOVE THE SECURITY EQUIPMENT WITH 4M OF SPARE CABLE LENGTH FOR CONNECTION TO THE SECURITY EQUIPMENT BY THE SECURITY CONTRACTOR. PROVIDE THE CABLE AT THE PUSH BUTTON POSITION SUCH THAT IT PROTRUDES OUT 150MM FROM A VERTICAL STANDARD OUTLET MOUNTING BRACKET WITHIN THE WALL TO ALLOW THE PUSH BUTTON FACEPLATE TO BE INSTALLED WITH THE CABLE DIRECTLY CONNECTED INTO THE CONCEALED REAR OF THE PUSH NUTTON BY THE SECURITY CONTRACTOR.			D
SECURITY ROLLER SHUTTER DOOR INTERFACE (RSD)		PROVIDE A GARLAND 6 X 14/040 6 CORE SECURITY CABLE PLUS A GARLAND 2 X 24/020 FIG 8 SECURITY CABLE RUN CONCEALED FROM THE ROLLER SGHUTTER DOOR CONTROLLER TO THE SECURITY EQUIPMENT. LABLE THE CABLES AT THE SECURITY EQUIPMENT END RSD AND BE COILED IN THE CEILING SPACE ABOVE THE SECURITY EQUIPMENT WITH 4M OF SPARE CABLE LENGTH FOR CONNECTION TO THE SECURITY EQUIPMENT BY THE SECURITY CONTRACTOR.			D
ACCESS CONTROL ELECTRIC STRIKE (ES1)		PROVIDE A GARLAND 6 X 14/040 6 CORE SECURITY CABLE PLUS A GARLAND 2 X 24/020 FIG 8 SECURITY CABLE RUN CONCEALED FROM THE ELECTRIC STRIKE PROVIDED AS PART OF THE DOOR FRAME TO THE SECURITY EQUIPMENT THAT ARE LESS THAN 25M IN LENGTH. THE CABLE IS TO BE LABELLED AT THE SECURITY EQUIPMENT END WITH THE DOOR NUMBER AND BE COILED IN THE CEILING SPACE ABOVE THE SECURITY EQUIPMENT WITH 4M OF SPARE CABLE LENGTH FOR CONNECTION TO THE SECURITY EQUIPMENT BY THE SECURITY CONTRACTOR.			D
ACCESS CONTROL ELECTRIC STRIKE (ES2)		CONNECT THE ELECTRIC STRIKE / POWER TRANSFER HINGE PROVIDED AS PART OF THE DOOR FRAME TO THE SECURITY EQUIPMENT WITH A GARLAND 6 X 14/040 6 CORE SECURITY CABLE PLUS A GARLAND 2 X 24/020 FIG 8 SECURITY CABLE RUN CONCEALED THAT ARE LESS THAN 25M IN LENGTH. THE CABLE IS TO BE LABELLED AT THE SECURITY EQUIPMENT END WITH THE DOOR NUMBER AND BE COILED IN THE CEILING SPACE ABOVE THE SECURITY EQUIPMENT WITH 4M OF SPARE CABLE LENGTH FOR CONNECTION TO THE SECURITY EQUIPMENT BY THE SECURITY CONTRACTOR.			D
ACCESS CONTROL CARD READER (CR)		PROVIDE A GARLAND 6 X 7/020 WEIGAND SHIELDED CABLE AND A GARLAND 1 X 4 CORE X 7/030 8723EQ SCREENED CABLE RUN CONCEALED FROM THE FUTURE WALL MOUNTED CARD READER POSITION AT 1000 AFFL TO THE SECURITY EQUIPMENT. THE CABLE IS TO BE LABELLED AT THE SECURITY EQUIPMENT END WITH THE DOOR NUMBER AND BE COILED IN THE CEILING SPACE ABOVE THE SECURITY EQUIPMENT WITH 4M OF SPARE CABLE LENGTH FOR CONNECTION TO THE SECURITY EQUIPMENT BY THE SECURITY CONTRACTOR. PROVIDE THE CABLE AT THE CARD READER POSITION SUCH THAT IT PROTRUDES OUT 150MM FROM A FLUSH CONDUIT IN THE WALL CENTRED AT 1000AFFL TO ALLOW THE CARD READER TO BE INSTALLED OVER THE CONDUIT WITH THE CABLE DIRECTLY CONNECTED INTO THE CONCEALED REAR OF THE CARD READER BY THE SECURITY CONTRACTOR.			D
INTRUDER DETECTOR SENSOR		PROVIDE A GARLAND 4 X 14/020 4 CORE SECURITY CABLE RUN CONCEALED FROM THE FUTURE CEILING MOUNTED SECURITY INTRUDER DETECTOR TO THE SECURITY EQUIPMENT. THE CABLE IS TO BE UNIQUELY LABELLED AT BOTH ENDS AND BE COILED IN THE CEILING SPACE ABOVE THE SECURITY EQUIPMENT WITH 4M OF SPARE CABLE LENGTH FOR CONNECTION TO THE SECURITY EQUIPMENT BY THE SECURITY CONTRACTOR. PROVIDE THE CABLE AT THE DETECTOR POSITION SUCH THAT IT PROTRUDES OUT 150MM FROM A FLUSH CONDUIT IN THE CEILING TO ALLOW THE DETECTOR TO BE INSTALLED OVER THE CONDUIT WITH THE CABLE DIRECTLY CONNECTED INTO THE CONCEALED REAR OF THE DETECTOR BY THE SECURITY CONTRACTOR.			D

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ELECTRICAL EQUIPMENT SCHEDULE

REVISION D - 02 NOVEMBER 2026

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REED SWITCH		PROVIDE A GARLAND 24/020 2 CORE FIG 8 SECURITY CABLE RUN CONCEALED DOOR HEAD SECURITY REED SWITCH TO THE SECURITY EQUIPMENT. THE CABLE IS TO BE UNIQUELY LABELLED AT BOTH ENDS AND BE COILED IN THE CEILING SPACE ABOVE THE SECURITY EQUIPMENT WITH 4M OF SPARE CABLE LENGTH FOR CONNECTION TO THE SECURITY EQUIPMENT BY THE SECURITY CONTRACTOR. PROVIDE THE CABLE AT THE REED SWITCH POSITION SUCH THAT IT PROTRUDES OUT 150MM FROM A FLUSH 20MM DIA CONDUIT IN THE DOOR HEAD TO ALLOW THE RED SWITCH TO BE INSTALLED OVER THE CONDUIT WITH THE CABLE DIRECTLY CONNECTED INTO THE CONCEALED REAR OF THE REED SWITCH BY THE SECURITY CONTRACTOR.			D
SECURITY PIEZO		PROVIDE A GARLAND 4 X 14/020 4 CORE SECURITY CABLE RUN CONCEALED FROM THE CEILING MOUNTED SECURITY PIEZO SIREN TO THE SECURITY EQUIPMENT. THE CABLE IS TO BE UNIQUELY LABELLED AT BOTH ENDS AND BE COILED IN THE CEILING SPACE ABOVE THE SECURITY EQUIPMENT WITH 4M OF SPARE CABLE LENGTH FOR CONNECTION TO THE SECURITY EQUIPMENT BY THE SECURITY CONTRACTOR. PROVIDE THE CABLE AT THE SIREN POSITION SUCH THAT IT PROTRUDES OUT 150MM FROM A FLUSH CONDUIT IN THE CEILING TO ALLOW THE SIREN TO BE INSTALLED OVER THE CONDUIT WITH THE CABLE DIRECTLY CONNECTED INTO THE CONCEALED REAR OF THE SIREN BY THE SECURITY CONTRACTOR.			D
STROBE SIREN		PROVIDE A GARLAND 6 X 14/020 6 CORE SECURITY CABLE RUN CONCEALED FROM THE WALL MOUNTED SECURITY STROBE SIREN TO THE SECURITY EQUIPMENT. THE CABLE IS TO BE UNIQUELY LABELLED AT BOTH ENDS AND BE COILED IN THE CEILING SPACE ABOVE THE SECURITY EQUIPMENT WITH 4M OF SPARE CABLE LENGTH FOR CONNECTION TO THE SECURITY EQUIPMENT BY THE SECURITY CONTRACTOR. PROVIDE THE CABLE AT THE SIREN POSITION SUCH THAT IT PROTRUDES OUT 150MM FROM A FLUSH CONDUIT IN THE WALL TO ALLOW THE SIREN TO BE INSTALLED OVER THE CONDUIT WITH THE CABLE DIRECTLY CONNECTED INTO THE CONCEALED REAR OF THE SIREN BY THE SECURITY CONTRACTOR.			D
SECURITY ARMING / DISARMING KEY PAD (KP)		PROVIDE A BELDEN 8723 4 X 14/020 4 CORE SHIELDED SECURITY CABLE RUN CONCEALED FROM SECURITY ARMING / DISARMING KEY PANEL WALL MOUNTED AT 1200 AFFL TO THE SECURITY EQUIPMENT. THE CABLE IS TO BE UNIQUELY LABELLED AT BOTH ENDS AND BE COILED IN THE CEILING SPACE ABOVE THE SECURITY EQUIPMENT WITH 4M OF SPARE CABLE LENGTH FOR CONNECTION TO THE SECURITY EQUIPMENT BY THE SECURITY CONTRACTOR. PROVIDE THE CABLE AT THE KEY PANEL POSITION SUCH THAT IT PROTRUDES OUT 150MM FROM THE WALL TO ALLOW THE KEY PANEL TO BE INSTALLED BY THE SECURITY CONTRACTOR.			D
PA SYSTEM RECESSED SPEAKER		PROVIDE THE PA SYSTEM RECESSED SPEAKER AS A RJ45 CAT-6 COMMUNICATIONS PLUG, CABLED BACK TO A DEDICATED VAPE / SPEAKER CAT 6 PATCH PANEL IN COMMUNICATIONS RACK CR-A VIA GREEN 4-PAIR CAT-6 UTP CABLE. PROVIDE THE PLUG SUCH THAT IT PROTRUDES OUT 150MM FROM THE CEILING.			A
PA SYSTEM SURFACE MOUNTED SPEAKER		PROVIDE THE PA SYSTEM SURFACE MOUNTED SPEAKER AS A RJ45 CAT-6 COMMUNICATIONS PLUG, CABLED BACK TO A DEDICATED VAPE / SPEAKER CAT 6 PATCH PANEL IN COMMUNICATIONS RACK CR-A VIA GREEN 4-PAIR CAT-6 UTP CABLE. PROVIDE THE PLUG SUCH THAT IT PROTRUDES OUT 150MM FROM A FLUSH CONDUIT TO ALLOW THE SPEAKER TO BE INSTALLED OVER THE CONDUIT WITH THE PLUG DIRECTLY CONNECTED INTO THE CONCEALED REAR OF THE SPEAKER.			A
PA SYSTEM WALL MOUNTED SPEAKER		PROVIDE THE PA SYSTEM WALL SPEAKER AS A RJ45 CAT-6 COMMUNICATIONS PLUG, CABLED BACK TO A DEDICATED VAPE / SPEAKER CAT 6 PATCH PANEL IN COMMUNICATIONS RACK CR-A VIA GREEN 4-PAIR CAT-6 UTP CABLE. PROVIDE THE PLUG SUCH THAT IT PROTRUDES OUT 150MM FROM A FLUSH CONDUIT TO ALLOW THE SPEAKER TO BE INSTALLED OVER THE CONDUIT WITH THE PLUG DIRECTLY CONNECTED INTO THE CONCEALED REAR OF THE SPEAKER. CONFIRM THE MOUNTING HEIGHT ON SITE WITH THE COLLEGE.			A
PA SYSTEM HORN		PROVIDE THE PA SYSTEM HORN AS A RJ45 CAT-6 COMMUNICATIONS PLUG, CABLED BACK TO A DEDICATED VAPE / SPEAKER CAT 6 PATCH PANEL IN COMMUNICATIONS RACK CR-A VIA GREEN 4-PAIR CAT-6 UTP CABLE. PROVIDE THE PLUG SUCH THAT IT PROTRUDES OUT 250MM FROM A GLANDED FACEPLATE TO CONNECT TO THE SPEAKER.			A
PIT P1		EXISTING REINFORCED MASONRY INSITU PIT / TRENCH BELOW MSB..			A

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ELECTRICAL EQUIPMENT SCHEDULE

REVISION D - 02 NOVEMBER 2026

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PIT P2		EXISTING 1200 x 1200 x 1050 DEEP INSITU POWER PIT.			A
PIT P3		EXISTING 600 x 600 x 1050 DEEP PLASTIC POWER PIT.			A
PIT P4		EXISTING 450 x 450 x 1050 DEEP PLASTIC POWER PIT.			A
PIT P5		EXISTING 900 x 900 x 1050 DEEP PLASTIC POWER PIT.			A
PIT P6		PROVIDE PIT P6 AS A 1200 x 1200 x 1050 DEEP INSITU POWER PIT C/W A REINFORCED CONCRETE SURROUND AND A CLASS B STEEL LID WITH A SLIP RESISTANCE OF R10 PIT P6 IS TO MATCH THE EXISTING P2 PIT. SUBMIT DETAILS OF THE PIT, LID AND AN INSTALLATION SECTION FOR APPROVAL.			A
PIT C1		EXISTING NBN TYPE 2 LEAD-IN PIT.			A
PIT C2		EXISTING 600 x 600 x 500 DEEP PLASTIC COMMUNICATIONS PIT.			A
PIT C3		EXISTING 450 x 450 x 500 DEEP PLASTIC COMMUNICATIONS PIT.			A
PIT C4		PROVIDE PIT C4 AS A 600 x 600 x 500 DEEP PLASTIC COMMUNICATIONS PIT C/W A REINFORCED CONCRETE SURROUND AND A CLASS C L LID WITH A SLIP RESISTANCE OF R10 TO MATCH THE EXISTING PIT C2.SUBMIT DETAILS OF THE PIT, LID AND AN INSTALLATION SECTION FOR APPROVAL.			A
PV SYSTEM INVERTER (INV)		PROVIDE A SUNGROW SC110CX-P2 INVERTER CONTROLLED BY THE SITES EXISTING GRID PROTECTION SYSTEM. PROVIDE THE INVERTER WITH INTERNET ACCESS VIA THE SCHOOLS IT NETWORK.			A
PV SOLAR PANELS		PROVIDE THE PV PANELS AS TRINA TSM-510NE18R.28 9510W) PANELS			A

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