



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

C3631a - CANTERBURY COLLEGE SENIOR SCHOOL - TALNGAI PRECINCT

C3631a-0002(T2).xls

ELECTRICAL EQUIPMENT SCHEDULE

REVISION T2 - 21 AUGUST 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	26W 4000K	600 x 600 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER MOUNTED IN THE CEILING TBAR	WHITE TRIM	GAMMA ILLUMINATION AXIS 1548-4K-26W	T1
L2	26W 4000K	600 x 600 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER MOUNTED IN A FLUSH RECESSED PB MOUNTING KIT	WHITE TRIM	GAMMA ILLUMINATION AXIS 1548-4K-26W C/W FLUSH RECESS PB KIT	T1
L3	26W 4000K	300 x 1200 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER MOUNTED IN A FLUSH RECESSED PB MOUNTING KIT	WHITE TRIM	GAMMA ILLUMINATION AXIS 1659-4K-26W C/W FLUSH RECESS PB KIT	T1
L4	14W 4000K	300 x 600 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER MOUNTED IN A FLUSH RECESSED PB MOUNTING KIT	WHITE TRIM	GAMMA ILLUMINATION AXIS 1550-4K-14W C/W FLUSH RECESS PB KIT	T1
L5	36W LED 4000K	1200 LONG SURFACE MOUNTED IP65 DIFFUSED BATTEN C/W INTEGRAL ELECTRONIC CONTROL GEAR	LIGHT GREY	GAMMA STORM 1558-CCT-36W	T1
L6	36W LED 4000K	1200 LONG SURFACE MOUNTED IP65 DIFFUSED BATTEN C/W INTEGRAL ELECTRONIC CONTROL GEAR	LIGHT GREY	GAMMA STORM 1558-CCT-36W	T1
L7	8W 4000K LED	RECESSED 47 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION MYLO 1004-WFL-4K-8W	T1
L8	28W 4000K LED	RECESSED ADJUSTABLE 53 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION CORBEL 1418-4K-28W	T1
L9	19.3W 4000K LED	CIRCULATION SURFACE CAN DOWNLIGHT C/W INTEGRAL DRIVER	GRAPHITE	BEGA 24 406 K4	T2
L10	27W 4000K LED	CIRCULATION SURFACE CAN DOWNLIGHT C/W INTEGRAL DRIVER	WHITE	BEGA 24 421 K4	T2



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L11	26W 4000K	300 x 1200 LAY IN FLAT PLATE LED FITTING C/W REMOTE DRIVER MOUNTED IN THE CEILING TBAR	WHITE TRIM	GAMMA ILLUMINATION AXIS 1659-4K-26W	T1
L12	45W 4000K LED	RECESSED ADJUSTABLE 47 DEG BEAM DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	WHITE TRIM	GAMMA ILLUMINATION MERCURY 1287-WFL-4K-45W DALI	T2
L13	28W 4000K LED	RECESSED ADJUSTABLE 53 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION CORBEL 1418-4K-28W	T1
L14	13W 4000K LED	RECESSED 41 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION COBALT 1402-4K-13W	T2
L15	1300LUMEN +/- 10% 4000K 240 VOLT E27 LED	300 DIA SURFACE MOUNTED CANTEEN SPHERE	GRAPHITE BASE OPAL SPHERE	BEGA 44 769K4	T1
L16	900LUMEN +/- 10% 4000K 240 VOLT E27 LED	250 DIA SURFACE MOUNTED CANTEEN SPHERE	GRAPHITE BASE OPAL SPHERE	BEGA 44 668K4	T1
L17	700LUMEN +/- 10% 4000K 240 VOLT E27 LED	200 DIA SURFACE MOUNTED CANTEEN SPHERE	GRAPHITE BASE OPAL SPHERE	BEGA 44 568K4	T2
L18	18.8W 4000K LED	RETAIN THE EXISTING SQUARE POLE. REPLACE THE FITTING UTILISING THE EXISTING CIRCUIT WITH A NEW FITTING C/W INTEGRAL DRIVER.	BLACK	BEGA 24 488K4	T1
L19	18.8W 4000K LED	PROVIDE A NEW SQUARE POLE THAT MATCHES THE EXISTING L18 POLE. THE POLE HEIGHT IS TO BE SUCH THAT THE L19 FITTING IS LEVEL WITH THE ADJACENT L18 FITTING. UTILISE THE EXISTING CIRCUIT THAT SUPPLIES THE L18 POLE TO SUPPLY THE NEW L19 FITTINGS. INTEGRAL DRIVER.	BLACK	BEGA 24 488K4	T1
L20	EXISTING BOLLARD LIGHT TO BE RETAINED				T1
L21	24W COLOUR TEMPERATURE TO MATCH THE EXISTING L20 FITTINGS	NEW BOLLARD LIGHT TO MATCH THE EXISTING L20 BOLLARDS. CIRCUIT THE NEW L21 BOLLARDS WITH THE EXISTING L20 BOLLARDS	BLACK	RAPID LED ZEUS-24	T1
L22	13E 3000K LED	INGROUND UPLIGHT MOUNTED WITHIN THE MASONRY PLANTER EDGE. INTEGRAL DRIVER	STAINLESS STEEL	GAMMA ILLUMINATION MINI AURA 1069-FL-3K-13W	T1



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L23	28W 4000K LED	1000 HIGHT BOLLARD LIGHT C/W REINFORCED CONCRETE FOOTING AND RAGBOLT ASSEMBLY INTEGRAL DRIVER	BLACK	GAMMA ILLUMINATION 1462-4K-28W	T1
L24	20.8W 4000K LED	WALL MOUNTED AREA LIGHT C/W INTEGRAL DRIVER	GRAPHITE	BEGA 22386	T1
L25	66W 4000K LED	WALL MOUNTED AREA LIGHT C/W INTEGRAL DRIVER	GRAPHITE	BEGA 33387	T1
L26	36W 4000K LED	RECESSED 62 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION COBALT 1441-4K-36W	T1
L27	28W 4000K LED	RECESSED ADJUSTABLE 53 DEG BEAM DOWNLIGHT C/W REMOTE DALI DIMMABLE DRIVER	WHITE TRIM	GAMMA ILLUMINATION CORBEL 1418-4K-28W DALI	T1
L28	26W 4000K	600 x 600 LAY IN FLAT PLATE LED FITTING C/W REMOTE DALI DIMABLE DRIVER MOUNTED IN THE CEILING TBAR	WHITE TRIM	GAMMA ILLUMINATION AXIS 1548-4K-26W DALI	T1
L29	900LUMEN +/- 10% 4000K 240 VOLT E27 LED	250 DIA SURFACE MOUNTED CANTEEN SPHERE	GRAPHITE BASE OPAL SPHERE	BEGA 44 668K4	T1
S1	14.4W/M 2700K LED	SURFACE MOUNTED LED STRIP WITHIN A SCREW FIXED EXTRUSION C/W DIFFUSER MOUNTED AT HIGH LEVEL ALONG THE WALL PER THE ARCHITECTURAL DETAIL. ENSURE ALL CABLING IS CONCEALED. PROVIDE THE STRIP WITH REMOTE POWER SUPPLIES LOCATED IN A CONCEALED ACCESSIBLE POSITION NOTED ON THE AS CONSTRUCTED DOCUMENTS.	NATURAL	RAPID LED R2334 2700 K PLUS ALUMINIUM EXTRUSION OPAL DIFFUSER AND POWER SUPPLY	T1
S2	3350 LUMENS / M 4000K LED	SURFACE MOUNTED EXTRUSION C/W OPAL DIFFUSER AND INTEGRAL DRIVER.	WHITE	KLIK SYSTEMS KALLI 060 BEAM DI	T1
S3	2250 LUMENS / M 4000K LED	EXTRUSION C/W OPAL DIFFUSER AND INTEGRAL DRIVER TO BE ROD SUSPENDED. CONFIRM THE SUSPENSION HEIGH WITH THE ARCHITECT.	BLACK	KLIK SYSTEMS KALLI 060 BEAM DI	T2



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S4	2250 LUMENS / M 4000K LED	UP DOWN EXTRUSION C/W OPAL DIFFUSERS AND INTEGRAL DRIVER TO BE ROD SUSPENDED. CONFIRM THE SUSPENSION HEIGH WITH THE ARCHITECT.	BLACK	KLIK SYSTEMS KALLI 060 BEAM DI	T2
S5	13W 4000K LED	ROD SUSPENDED 3 CHANNEL DALI TRACK CONFIRM THE FITTING POSITIONS AND AIMING ON SITE WITH THE ARCHITECT SUPPLY / CIRCUIT THE THREE CHANNELS TOGETHER.	WHITE	GAMMA ILLUMINATION 25 SERIES TRACK AND VIXO 1115-VWFL-4K-13 AS INDICATED	T1
S6	3350 LUMENS / M 4000K LED	SURFACE MOUNTED EXTRUSION C/W OPAL DIFFUSER AND INTEGRAL DRIVER.	WHITE	KLIK SYSTEMS KALLI 060 BEAM DI	T1
S7	2250 LUMENS / M 4000K LED	EXTRUSION C/W OPAL DIFFUSER AND INTEGRAL DRIVER TO BE ROD SUSPENDED WITH ALL S7 FITTINGS TO BE CONNECTED VIA FLUSH MITERED JOINS. PROVIDE A SHOP DRAWING OF ALL S7 FITTINGS. CONFIRM THE SUSPENSION HEIGH WITH THE ARCHITECT.	BLACK	KLIK SYSTEMS KALLI 060 BEAM DI	T2
S8	3350 LUMENS / M 4000K LED	EXTRUSION C/W OPAL DIFFUSER AND INTEGRAL DALI DIMMABLE DRIVER TO BE ROD SUSPENDED. CONFIRM THE SUSPENSION HEIGH WITH THE ARCHITECT.	BLACK	KLIK SYSTEMS KALLI 060 BEAM DI	T2
E1	LED	EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D40 - C90-D40.	WHITE	CLEVERTRONICS CLIFE	T1
E2	LED	EMERGENCY LIGHT: SURFACE MOUNTED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D40 - C90-D40.	WHITE	CLEVERTRONICS CLIFE-SM	T1
EX	LED	EXIT LIGHT: MAINTAINED 24M VIEWING DISTANCE EXIT LIGHT C/W DIFFUSERS & DIRECTIONAL ARROWS AS SHOWN. CEILING SURFACE MOUNT 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. PROVIDE A CUSTOM WHITE COUNTER LEAVER MOUNTING BRACKET AS REQUIRED AS2293 CLASSIFICATION C0-D8 - C90-E3.2.	WHITE	CLEVERTRONICS LUB PRO SM	T1



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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.	WHITE LOGO GREEN BACKGROUND WHITE BODY	CLEVERTRONICS CWELED-A	T1
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.			T1
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	T1
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	T1
DALI LIGHT SWITCH		MANUAL ROTARY DALI POT DIMMER C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND THE DALI DIMMER IS TO BE MOUNTED REMOTELY WITH THE POSITION CONFIRMED ON SITE.	WHITE	CLIPSAL C2000 SMARTSCAPE DALI-RD20-M ROTARY DIMMER	T1
BLOCK K LIGHTING CONTROL PANEL (LCP)		MULTIGANG SWITCH PANEL CONFIGURED WITH ONE SWITCH PER GROUP OF LIGHTS SHOWN AS BEING CONTROLLED BY THE LCP. MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES 30USM	T1
SWITCH PANEL SPx		MULTIGANG SWITCH PANEL CONFIGURED AS PER THE SP LIGHTING CONTROL SCHEMATIC. MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL C2000 SERIES 30USM	T1
EXHAUST HOOD LIGHT CONNECTION (EHL)		CONNECT THE EXHAUST HOOD LIGHT CEILING SPACE CONNECTION PROVIDED AS PART OF THE EXHAUST HOOD TO THE LOCAL ROOM LIGHTING.			T1
SINGLE POWER OUTLET FOR AUTO DOOR (AD)		SINGLE POWER OUTLET C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNTED WITHIN THE AUTO DOOR MULLION. RATING 10A U.N.O.	WHITE	CLIPSAL C2000 SERIES	T1
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	T1



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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	T1
DOUBLE POWER OUTLET (USB)		DOUBLE POWER OUTLET C/W USB CHARGER AND CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNT AT 300mm AFFL U.N.O. RATING 10A U.N.O.	WHITE UNLESS NOTED AS BLACK (BK)	CLIPSAL 2000 SERIES + 30USBCM MECH	T1
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	T1
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	T1
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"	T1
RECESS KIT (RK)		VERTICALLY ORIENTATED WALL BOX TO ALLOW THE OUTLET TO BE RECESSED WITHIN THE WALL CAVITY	WHITE	REPELEC RECWP1WH	T1
BLACK FITTING (BK)		FITTING / OUTLET NOTED AS BK IS TO BE PROVIDED AS BLACK IN COLOUR OR PAINTED BLACK.	BLACK	-	T1
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	-	-	T1
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"	T1
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	T1
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	T1



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EMERGENCY SHUT OFF (ESOx)		EMERGENCY SHUT OFF. WALL MOUNTED ESOs ARE TO BE PROVIDED AS A STAINLESS STEEL FACE PLATE WITH A RED LATCHING MUSHROOM PUSH BUTTON MOUNTED AT 1800 AFFL ENGRAVED AS PER THE ESO DETAIL. CONFIRM THE LOCATION OF THE ESOs ON SITE CAN NOT BE BUMPED DURING NORMAL OPERATION. CONFIGURE THE ESO/S IN PARALLEL TO ISOLATE THE POWER NOMINATED IN THE DISTRIBUTION SCHEDULE AS BEING ESO CONTROLLED WITHIN THE ASSOCIATED ROOM. PROVIDE THE ESO SYSTEM AS EXTRA LOW VOLTAGE WITH THE TRANSFORMERS LOCATED IN THE SWITCHBOARD. PROVIDE A SHOP DRAWING OF THE EMERGENCY SHUT OFF SYSTEM FOR APPROVAL.			T1
COOKTOP ISOLATION SWITCH (CTIx)		COOK TOP ISOLATION SWITCH. MOUNT THE CSI ON THE JOINERY WITH A INTEGRAL LED THAT IS ILLUMINATED WHEN POWER IS AVAILABLE. REFER TO THE DB SCHEDULE FOR DETAILS OF THE CIRCUITS CONTROLLED BY EACH CSI.Os PROVIDE THE CSI AS A FACE PLATE THE SAME COLOUR AND STYLE AS THE ADJACENT GPO AND PROVIDE IT WITH BLACK ENGRAVING : COOK TOP ISOLATION". PROVIDE EACH CSI SYSTEM AS EXTRA LOW VOLTAGE WITH THE TRANSFORMERS LOCATED IN THE SWITCHBOARD. PROVIDE A SHOP DRAWING OF THE CSI SYSTEM FOR APPROVAL.			T1
ART MSB		EXISTING ART BUILDING MAIN SWITCHBOARD TO REMAIN AS IS.			T1
MSB-A		EXISTING MAIN SWITCHBOARD TO BE MODIFIED AS PER THE POWER SCHEMATIC AND ASSOCIATED NOTES.			T1
MSB-B		NEW MAIN SWITCHBOARD MDB-B EXTENSION TO BE PROVIDED AS PER THE POWER SCHEMATIC AND ASSOCIATED NOTES. THE NEW MDB-B IS TO MATCH THE EXISTING MSB IN MATERIALS, FINISH, HEIGHT, DEPTH AND STYLE. DB-M IS TO BE INTEGRAL TO THE MSB-B.			T2
DB-M		PROVIDE A NEW DISTRIBUTION BOARD DB-M INTEGRAL TO THE NEW MSB-B. DB-M IS TO HAVE 48 POLES, THREE PHASE A 250 ANF VERTICAL DIN STYLE CHASSIS AND A 600 WIDE SPARE HORIZZONTAL DIN RAIL. PROVIDE ALL NEW SWITCHGEAR WITHIN DB-M TO ACCOMMODATE THE EXISTING CIRCUITS THAT REMAIN THAT NEED TO BE SUPPLIED FROM DB-M.			T2
OLD MSB		EXISTING OLD MAIN SWITCHBOARD IN TWO PARTS TO BE REMOVED AS PER THE SCHEMATIC AND ASSOCIATED 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.			T1
MDB-1		EXISTING DISTRIBUTION BOARD MDB-1 TO REMAIN AS IS.			T1
MDB-2		EXISTING DISTRIBUTION BOARD MDB-2 TO REMAIN AS IS.			T1
MDB-3		EXISTING DISTRIBUTION BOARD MDB-3 TO REMAIN AS IS.			T1
MDB-4		EXISTING DISTRIBUTION BOARD MDB-4 TO REMAIN AS IS.			T1
MDB-5		EXISTING DISTRIBUTION BOARD MDB-5 TO BE REMOVED..			T1
MDB-6		EXISTING DISTRIBUTION BOARD MDB-6 TO REMAIN AS IS.			T1
MDB-7		EXISTING DISTRIBUTION BOARD MDB-7 TO BE USED AS A TEMPORARY SUPPLY DURING CONSTRUCTION AND THEN BE REMOVED.			T1



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MDB-8		EXISTING DISTRIBUTION BOARD MDB-8 TO BE MODIFIED AS PER THE POWER SCHEMATICS AND NOTES.			T1
MDB-9		PROVIDE A NEW MAIN DISTRIBUTION BOARD MDB-9 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.			T1
DB-1		PROVIDE A NEW DISTRIBUTION BOARD DB-1 AS PER THE DB-1 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.			T1
DB-2		PROVIDE A NEW DISTRIBUTION BOARD DB-2 AS PER THE DB-2 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.			T1
DB-3		PROVIDE A NEW DISTRIBUTION BOARD DB-3 AS PER THE DB-3 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.			T1
DB-4		PROVIDE A NEW DISTRIBUTION BOARD DB-4 AS PER THE DB-4 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.			T1
DB-5		PROVIDE A NEW DISTRIBUTION BOARD DB-5 AS PER THE DB-5 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.			T1
DB-6		PROVIDE A NEW DISTRIBUTION BOARD DB-6 AS PER THE DB-6 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.			T1
DB-7		PROVIDE A NEW DISTRIBUTION BOARD DB-7 AS PER THE DB-7 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.			T1
DB-8		PROVIDE A NEW DISTRIBUTION BOARD DB-8 AS PER THE DB-8 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.			T1



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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

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DB-9		PROVIDE A NEW DISTRIBUTION BOARD DB-9 AS PER THE DB-9 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.			T1
DB-10		PROVIDE A NEW DISTRIBUTION BOARD DB-10 AS PER THE DB-10 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.			T1
DB-K1		PROVIDE A NEW DISTRIBUTION BOARD DB-K1 AS PER THE DB-K1 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. RESUPPLY ALL OF THE EXISTING BLOCK K CIRCUITS THAT REMAIN FROM DB-K1 VIA NEW SWITCHGEAR THAT MATCHES THE EXISTING IN FUNCTION AND CONTROL.			T1
DB-K2		PROVIDE A NEW DISTRIBUTION BOARD DB-K2 AS PER THE DB-K2 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.			T1
DB-K3		PROVIDE A NEW DISTRIBUTION BOARD DB-K3 AS PER THE DB-K3 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.			T1
MSSB-1		NEW MSSB-1 PROVIDED AS PART OF THE MECHANICAL SERVICES SUB CONTRACT. COORDINATE THE CONNECTION OF THE SUBMAIN TO THE MSSB AND THE LOCATION OF THE COMMUNICATIONS OUTLETS WITHIN THE MSSB WITH THE MECHANICAL SERVICES SUB CONTRACTOR.			T1
MSSB-2		NEW MSSB-2 PROVIDED AS PART OF THE MECHANICAL SERVICES SUB CONTRACT. COORDINATE THE CONNECTION OF THE SUBMAIN TO THE MSSB AND THE LOCATION OF THE COMMUNICATIONS OUTLETS WITHIN THE MSSB WITH THE MECHANICAL SERVICES SUB CONTRACTOR.			T1
MSSB-3		NEW MSSB-3 PROVIDED AS PART OF THE MECHANICAL SERVICES SUB CONTRACT. COORDINATE THE CONNECTION OF THE SUBMAIN TO THE MSSB AND THE LOCATION OF THE COMMUNICATIONS OUTLETS WITHIN THE MSSB WITH THE MECHANICAL SERVICES SUB CONTRACTOR.			T1
MSSB-K		NEW MSSB-4 PROVIDED AS PART OF THE MECHANICAL SERVICES SUB CONTRACT. COORDINATE THE CONNECTION OF THE SUBMAIN TO THE MSSB AND THE LOCATION OF THE COMMUNICATIONS OUTLETS WITHIN THE MSSB WITH THE MECHANICAL SERVICES SUB CONTRACTOR.			T1
M1		SUPPLY AUTHORITY CODE COMPLIANT LV MAXIMUM DEMAND TARIFF METER. TO REMAIN AS IS			T1
M2		NCC PART J ENERGY METER.			T1
M3		SOLAR SMART METER.			T1



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MU		MOULDED CASE CIRCUIT BREAKER MOTOR UNIT			T1
WPR		WIRELESS CONTROLLED PROTECTION RELAY TO BE COMPATIBLE / INTERFACED WITH THE EXISTING WIRELESS PROTECTION SYSTEM.			T1
DL		SOLAR DATA LOGGER TO BE THE SAME MODEL AS USED ON BUILDING CHA03.			T1
GSD		SOLAR GENERATION SIGNALLING DEVICE.			T1
COMMUNICATIONS RACK CR-CORE		EXISTING CORE COMMUNICATIONS RACKS TO BE USED TO ACCOMMODATE THE NEW FIBRE CABLES AND THE L BLOCK COMMUNICATIONS OUTLETS. UPGRADE THE FIBOT AS REQUIRED AND PROVIDE ADDITIONAL PATCH PANELS AS REQUIRED. CONFIRM THE LOCATION OF THE PATCH PANELS WITHIN THE EXISTING RACKS WITH THE COLLEGE STAFF.			T1
COMMUNICATIONS RACK CR-P		PROVIDE CR-P AS A FREE STANDING 41 RU MINIMUM 800 DEEP COMMUNICATIONS CONNECTED TO CR-CORE VIA A 12 CORE OS2 OPTICAL FIBRE CABLES FULLY TERMINATED WITH LC CONNECTORS. PROVIDE CR-P WITH A FIBOT AND ALL NECESSARY PATCH PANELS TO ACCOMMODATE THE BLOCK COMMUNICATIONS OUTLETS AND CCTV POINTS. PROVIDE CR-P WITH, CASTERS, TWO RACK MOUNTED SHELVES, CABLE MANAGEMENT AND TWO 10 PORT POWER RAILS. PROVIDE ALL OF THE CABLE CONNECTED TO CR-P WITH SUFFICIENT LENGTH TO ALLOW THE RACK TO BE MOVED 1000. PROVIDE DETAILS OF THE RACK INCLUDING A LAYOUT FOR APPROVAL.			T1
COMMUNICATIONS RACK CR-H5		REMOVE THE EXISTING FIBRE SERVICE TO THE EXISTING COMMUNICATIONS RACK CR-H5. UTILISE THE EXISTING FIBOT AND PROVIDE A 12 CORE OS2 OPTICAL FIBRE CABLE FULLY TERMINATED WITH LC CONNECTORS CONNECTING CR-H5 TO CR-CORE. EXTEND THE EXISTING UNDERGROUND COMMUNICATIONS PIT AND CONDUIT SYSTEM AS NECESSARY TO PROVIDE CABLE ACCESS TO CR-H5.			T1
COMMUNICATIONS RACK CR-G6		REMOVE THE EXISTING FIBRE SERVICE TO THE EXISTING COMMUNICATIONS RACK CR-G6. UTILISE THE EXISTING FIBOT AND PROVIDE A 12 CORE OS2 OPTICAL FIBRE CABLE FULLY TERMINATED WITH LC CONNECTORS CONNECTING CR-G6 TO CR-CORE. EXTEND THE EXISTING UNDERGROUND COMMUNICATIONS PIT AND CONDUIT SYSTEM AS NECESSARY TO PROVIDE CABLE ACCESS TO CR-G6.			T1
COMMUNICATIONS RACK CR-K		EXISTING COMMUNICATIONS RACK TO BE RETAINED. ALL EXISTING REDUNDANT CABLING IS TO BE REMOVED. UTILISE THE EXISTING SPARE AND PROVIDE ADDITIONAL PATCH PANELS TO ACCOMMODATE THE BLOCK K COMMUNICATIONS OUTLETS.			T1
COMMUNICATIONS RACK CR-P17		EXISTING COMMUNICATIONS RACK TO BE REMOVED.			T1
COMMUNICATIONS RACK CR-P9		EXISTING COMMUNICATIONS RACK TO BE REMOVED.			T1
COMMUNICATIONS RACK CR-G8		EXISTING COMMUNICATIONS RACK TO BE REMOVED.			T1



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COMMUNICATIONS RACK CR-IT		EXISTING COMMUNICATIONS RACK TO BE REMOVED.			T1
COMMUNICATIONS OUTLET		RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO A CAT 6 PATCH PANEL IN THE ASSOCIATED COMMUNICATIONS RACK 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 UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES	T1
COMMUNICATIONS OUTLET (SM)		RJ45 CAT-6 COMMUNICATIONS OUTLET C/W SURFACE MOUNTING BLOCK, CABLED BACK TO A CAT 6 PATCH PANEL IN THE ASSOCIATED COMMUNICATIONS RACK 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 UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES	T1
CCTV POINT (CC)		CEILING MOUNTED RJ45 CAT-6 COMMUNICATIONS PLUG, CABLED BACK TO A DEDICATED CCTV CAT 6 PATCH PANEL IN THE ASSOCIATED COMMUNICATIONS RACK 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.			T1
ACCESS CONTROL CARD READER (CR)		WALL-MOUNTED 1000AFFL ACCESS CONTROL CARD READER WALL MOUNTED AT 1000AFFL. AS PART OF THE COMMUNICATIONS CABLING PROVIDE A 2 PAIR 7/20 SHIELDED CABLE FROM THE CARD READER TO THE SECURITY EQUIPMENT. THE CARD READER IS TO BE SUPPLIED CONNECTED TO THE CABLING AND INSTALLED BY THE NOMINATED ACCESS CONTROL SUBCONTRACTOR.	BLACK	SALTO WRDM0M4B	T1
WIRELESS ACCESS CONTROL DOOR HARDWARE (ACC)		WIRELESS ACCESS CONTROL DOOR HARDWARE TO BE SUPPLIED BY THE NOMINATED ACCESS CONTROL SUBCONTRACTOR AND INSTALLED BY THE DOOR FRAME SUPPLIER.	SATIN STAINLESS STEEL	SALTO XS4	T1
ACCESS CONTROL GATEWAY (GW)		RJ45 CAT-6 COMMUNICATIONS MALE PLUG FROM THE LOCAL COMMUNICATIONS RACK AS PART OF THE COMMUNICATIONS CABLING. THE PLUG IS TO HANG OUT OF A 20MM PENETRATION WITH 100MM SLACK FOR CONNECION TO THE SALTO GATEWAY BY THE NOMINATED ACCESS CONTROL SUB CONTRACTOR. ALL ADJACENT NODE CABLES ARE TO HANG OUT OF THE SAME PENETRATION. THE GATEWAY IS TO BE SUPPLIED CONNECTED TO THE CABLING AND INSTALLED BY THE NOMINATED ACCESS CONTROL SUBCONTRACTOR.	WHITE IF MOUNTED ON A SUSPENDED CEILING BLACK IF MOUNTED ON CONCRETE	SALTO GATEWAY	T1



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ACCESS CONTROL NODE (ND)		CAT-6 UNTERMINATED COMMUNICATIONS CABLE PROVIDED AS PART OF THE COMMUNICATIONS CABLING CONNECTION TWO NODES OR A NODE TO A GATEWAY. THE PLUG IS TO HANG OUT OF A 20MM PENETRATION WITH 100MM SLACK FOR CONNECTION TO THE SALTO NODE OR GATEWAY BY THE NOMINATED ACCESS CONTROL SUB CONTRACTOR. THE NODE IS TO BE SUPPLIED CONNECTED TO THE CABLING AND INSTALLED BY THE NOMINATED ACCESS CONTROL SUBCONTRACTOR.	WHITE IF MOUNTED ON A SUSPENDED CEILING BLACK IF MOUNTED ON CONCRETE	SALTO NODE	T1
ACCESS CONTROL LIFT INTERFACE MODULE (LIM)		ACCESS CONTROL SYSTEM LIFT INTERFACE TO ALLOW THE SECURITY SYSTEM TO ENABLE / DISABLE THE CALLING OF THE LIFT VIA THE SCHEDULE OR LOCAL CARD READERS. COORDINATE THE INTERFACE WITH THE LIFT INSTALLER. AS PART OF THE COMMUNICATIONS CABLING PROVIDE A 6 CORE 14/020 CABLE FROM THE LIM THE SECURITY EQUIPMENT.			T1
AUTO DOOR (AD)		ACCESS CONTROL SYSTEM AUTO DOOR INTERFACE TO ALLOW THE SECURITY SYSTEM TO LOCK AND UNLOCK THE AUTO DOOR VIA THE SCHEDULE OR LOCAL CARD READER. COORDINATE THE INTERFACE WITH THE AUTO DOOR INSTALLER. AS PART OF THE COMMUNICATIONS CABLING PROVIDE A 6 CORE 14/020 CABLE FROM THE AUTO DOOR CONTROLLER TO THE SECURITY EQUIPMENT.			T1
ROLLER SHUTTER (RSD)		ACCESS CONTROL SYSTEM ROLLER SHUTTER DOOR INTERFACE TO ALLOW THE SECURITY SYSTEM TO OPEN AND CLOSE THE ROLLER SHUTTER DORR VIA THE SCHEDULE OR LOCAL CARD READER. COORDINATE THE INTERFACE WITH THE ROLLER SHUTTER DOOR INSTALLER. AS PART OF THE COMMUNICATIONS CABLING PROVIDE A 6 CORE 14/020 CABLE FROM THE ROLLER SHUTTER CONTROLLER TO THE SECURITY EQUIPMENT.			T1
PUSH BUTTON (PB)		PUSH BUTTON MOUNTED AT 1000 AFFL WITH BLACK ENGRAVING "PRESS TO EXIT" INTERFACED TO THE ROLLER SHUTTER DOOR TO OPEN THE ROLLER SHUTTER DOOR FOR A PREDEFINED PERIOD OF TIIME. COORDINATE THE INTERFACE WITH THE ROLLER SHUTTER DOOR INSTALLER.	WHITE	CLIPSAL C2000	T1
DATA GATERING PANEL		FACILITY FOR FUTURE SECURITY DATA GATHERING PANEL.			T1
SECURITY EQUIPMENT		SECURITY PANEL / EXPANDERS AND ACCESS CONTROL CONTROLLER / POWER SUPPLIES. 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.			T1
INTRUDER DETECTOR SENSOR		DUAL-TECHNOLOGY MOVEMENT DETECTORS WALL MOUNTED AS PER THE MANUFACTURER'S SPECIFICATION. CONNECT TO THE LOCAL SECURITY EQUIPMENT WITH ONE DETECTOR PER ZONE. PROGRAM THE SECURITY SYSTEM TO THE SATISFACTION OF THE CLUB. SUBMIT DETAILS OF THE DETECTORS INCLUDING THE MOUNTING ARRANGEMENTS FOR APPROVAL PRIOR TO ORDERING.			T1
SECURITY KEY PAD (KP)		LCD KEYPAD MOUNTED AT 1100mm AFFL.	-	INNER RANGE ELITEX STANDARD KEYPAD	T1



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SECURITY PIEZO		PROVIDE A 1.5MM FIG 8 CABLE RUN CONCEALED FROM THE FUTURE 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 OTHERS. 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 OTHERS.			T1
PA SYSTEM RECESSED SPEAKER		15W CEILING RECESSED MULTI TAP 100V 8 OHM PUBLIC ADDRESS DUAL CONE SPEAKER CABLED BACK IN STAR CONFIGURATION TO AN AMPLIFIER WITHIN THE ASSOCIATED COMMUNICATIONS RACK VIA 1.5MM MARKED FIG 8 CABLE.	WHITE UNLESS NOTED AS BLACK (BK)	AUSTRALIAN MONITOR QF8CS	T1
PA SYSTEM SURFACE MOUNTED SPEAKER		5W SURFACE MULTI TAP 100V 8 OHM PUBLIC ADDRESS DUAL CONE SPEAKER CABLED BACK IN STAR CONFIGURATION TO AN AMPLIFIER WITHIN THE ASSOCIATED COMMUNICATIONS RACK VIA 1.5MM MARKED FIG 8 CABLE.	WHITE UNLESS NOTED AS BLACK (BK)	AUSTRALIAN MONITOR ATC5404	T1
PA SYSTEM HORN		30W SURFACE MOUNTED ADJUSTABLE IP66 MULTI TAP 100V 8 OHM PUBLIC ADDRESS HORN SPEAKER CABLED BACK IN STAR CONFIGURATION TO AN AMPLIFIER WITHIN THE ASSOCIATED COMMUNICATIONS RACK VIA 1.5MM MARKED FIG 8 CABLE.	WHITE UNLESS NOTED AS BLACK (BK)	AUSTRALIAN MONITOR SH30	T1
PIT A		PROVIDE PIT 1 AS A 1200 X 1200 X 1000 DEEP MIN INSITU PIT WITH A CLASS C INFILL LID C/W A 150 WIDE X 150 DEEP MIN REINFORCED CONCRETE SURROUND WITH A 10MM FALL AWAY FROM THE PIT LID. POLLY CRETE / FIBRE PITS ARE NOT ACCEPTABLE. ENSURE THE TOP OF THE PIT IS FLUSH WITH THE FINAL SURROUNDING LEVELS. STAMP / TAG THE 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.			T1
PIT B		PROVIDE PIT 2 AS A 1200 X 1200 X 1000 DEEP MIN INSITU PIT WITH A CLASS C INFILL LID C/W A 150 WIDE X 150 DEEP MIN REINFORCED CONCRETE SURROUND WITH A 10MM FALL AWAY FROM THE PIT LID. POLLY CRETE / FIBRE PITS ARE NOT ACCEPTABLE. ENSURE THE TOP OF THE PIT IS FLUSH WITH THE FINAL SURROUNDING LEVELS. STAMP / TAG THE 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.			T1



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PIT C		REPLACE THE LIDS AND SURROUNDS OF THE EXISTING POWER AND COMMUNICATIONS PITS. PROVIDE THE LIDS AS A CLASS C INFILL LIDS C/W A COMMON 150 WIDE X 150 DEEP MIN REINFORCED CONCRETE SURROUND WITH A 10MM FALL AWAY FROM THE PIT LID. THE SURROUND MUST BE AT LEAST 150 WIDE X 150 DEEP PAST THE EDGE OF EACH PIT. ENSURE THE TOP OF THE PIT IS FLUSH WITH THE FINAL SURROUNDING LEVELS. STAMP / TAG THE POWER PIT LID WITH THE WORD "ELECTRICITY" AND THE COMMUNICATIONS PIT LIDS WITH THE WORD "COMMUNICATIONS" MODIFY THE EXISTING PITS AS NECESSARY TO ACCOMMODATE THE NEW LIDS AND SURROUND ENSURING THEY ARE SEALED AGAINST THE SURROUND TO ENSURE NO EARTH CAN ENTER THE PITS.			T1
MATV OUTLET		MATV OUTLET CONNECTED TO A DEDICATED ANTENNA TO PROVIDE THE LOCALLY AVAILABLE FREE TO AIR TV SERVICES MOUNT THE OUTLET WITHIN CR-CORE AS DIRECTED BY THE COLLEGES IT STAFF.	WHITE	CLIPSAL C2000 SERIES	T1
MATV ANTENNA		ROOF MOUNTED MATV ANTENNA TO RECEIVE AND DISTRIBUTE THE LOCALLY AVAILABLE FREE TO AIR TV SERVICES			T1
FIRE INDICATOR PANEL (FIP)		SURFACE MOUNTED WHITE AS 1670 COMPLAINT FIRE INDICATOR PANEL INCORPORATING THE EWCIE AND FDCIE THE FIP IS TO BE THE SAME BRAND AS THAT USED IN THE ADJACENT ADMINISTRATION BUILDING.			T1
FIRE EVACUATION HORN		SURFACE MOUNTED TWO-TONE 30W ALERT AND EVACUATION HORN SPEAKER TO AS1670.1 C/W 100V MULTI-TAP TRANSFORMER. MOUNT AT HIGH LEVEL.			T1
FIRE EVACUATION RECESSED SPEAKER		RECESSED 5W TWO-TONE 8-INCH CONE ALERT AND EVACUATION SPEAKER TO AS1670.1 C/W 100V MULTI-TAP TRANSFORMER AND FLUSH GRILL PAINTED OUT TO MATCH THE CEILING.			T1
FIRE EVACUATION SURFACE SPEAKER		SURFACE MOUNT 5W TWO-TONE 8-INCH CONE ALERT AND EVACUATION SPEAKER TO AS1670.1 C/W 100V MULTI-TAP TRANSFORMER AND GRILLE PAINTED OUT TO MATCH THE CEILING.			T1
SMOKE DETECTOR		SURFACE MOUNTED AS7240.7 POINT SMOKE DETECTORS WITH A PERFORMANCE OF 6 TO 12 % OBS/M SET AT 7.8 %. WHITE UNLESS NOTED AS BLACK (BK)			T1
CONCEALED SPACE SMOKE DETECTOR		CONCEALED SPACE ADDRESSABLE AS7240.7 POINT SMOKE DETECTORS WITH A PERFORMANCE OF 6 TO 12 % OBS/M SET AT 7.8 %. PROVIDE THE DETECTOR WITH A WHITE REMOTE INDICATOR AND ACCESS BRACKET AS REQUIRED.			T1
DUCT PROBE THERMAL DETECTOR		DUCT PROBE THERMAL DETECTOR TO AS1670.1			T1
ASPIRATING SMOKE DETECTOR		ADDRESSABLE ASPIRATING SMOKE DETECTOR AS7240 LOCATED IN AN ACCESSIBLE POSITION IN THE CEILING SPACE TO PROTECT THE LIFT SHAFT IN ACCORDANCE WITH AS1670.1 -2018.			T1
THERMAL DETECTOR		SURFACE MOUNTED AS7240.5:2018 TYPE B SEALED FIXED TEMPERATURE ADDRESSABLE THERMAL DETECTOR. WHITE UNLESS NOTED AS BLACK (BK)			T1
FIRE ALARM VISUAL ALARM DEVICE		WALL MOUNTED FIRE ALARM VISUAL ALARM STROBE LIGHT AS PER AS1670.1			T1

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FIRE ALARM SYSTEM DOOR INTERFACE / HOLDER		INTERFACE THE FIRE ALARM SYSTEM TO THE DOOR CONTROL SYSTEM SUCH THAT THE DOOR IS UNLOCKED VIA A FAIL SAFE SIGNAL UPON ALARM.			T1
THERMAL ALARM		SURFACE MOUNTED AS160.3:2018 MAINS POWERED THERMAL ALARM C.E 10 YEAR INTEGRAL BACKUP BATTERY. ALL THERMAL ALARMS ARE TO BE INTERCONNECTED TO SOUND SIMULTANIOUSLY IUPON ALARM. WHITE. THE THERMAL ALARMS ARE NOT CONNECTED TO THE FIRE DETECTION SYSTEM.			T2
PV SYSTEM INVERTER (INVx)		CONNECT THE SUBMAINS TO THE SOLAR INVERTER AS PROVIDED BY THE SOLAR SUB CONTRACTOR. COORDINATE THE SOLAR GRID PROTECTION AND ISOLATION WITH THE SOLAR SUB CONTRACTOR.			T1
FLOOR BOX 1 (FB1)		FLUSH RECESSED FLOOR BOX C/W INLAY LID TWO DOUBLE GPOS AND TWO BLANK FACEPLATES. PROVIDE TWO 32 DIA COMMUNICATIONS CONDUITS FROM THE BLANK FACE PLATE SIDE CONCEALED TO THE LOCAL ACCESSIBLE CEILING SPACE C/W DRAW WIRES. NOT THE CONDUIT POSITIONS ON THE AS CONSTRUCTED DRAWINGS	GREY	ECD FB4P	T1
BOLLARD (B)		CUSTOM MADE FULLY WELDED HOT DIPPED GALVANIZED STEEL 1200 HIGH BOLLARD C/W MOUNTING PLATE BOLTED TO THE FLOOR WITH FACILITY FOR THE OUTLETS TO BE MOUNTED AT 900 ON EACH SIDE. PROVIDE A BLANK ON THE SIDES THAT DO NOT CONTAIN OUTLETS. PROVIDE A CONCEALED 32 DIA CONDUIT FROM THE ACCESSIBLE CEILING SPACE TO ALLOW FUTURE CIRCUITS TO BE RUN TO THE BOLLARD. PROVIDE A SHOP DRAWING OF THE BOLLARD FOR APPROVAL. NOTE THE CONDUIT POSITION ON THE AS CONSTRUCTED DRAWINGS.			T1