

# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375 Fax: (07) 3716 0222

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C3120a - ST JOHNS ANGLICAN COLLEGE, FOREST LAKE - AQUATIC CENTRE STAGE 1 C3120a-0002(E).xls

## ELECTRICAL EQUIPMENT SCHEDULE

REVISION E - 02 JUNE 2025

THE LIGHT FITTING SUPPLIER CONTACT DETAILS MAY BE AVAILABLE ON THE EDG WEBSITE VIA THE FOLLOWING LINK  
[www.edg.net.au/Links/Lighting.htm](http://www.edg.net.au/Links/Lighting.htm)

TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
L1	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 1548-4K-34W	B
L2	34W 4000K LED	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-34W C/W FLUSH RECESS PB KIT	A
L3	13W 3000K LED	RECESSED DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION COBALT 1402-4K-13W	A
L4	13W 4000K LED	RECESSED DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION COBALT 1402-4K-13W	A
L5	4000K LED +/- 10% 2200 LUMEN / M	RECESSED LINEAR OPAL DIFFUSER C/W DUAL LED STRIPS AND REMOTE DRIVER	WHITE	GAMMA ILLUMINATION GAP55045.OM	A
L6	4000K LED +/- 10% 2200 LUMEN / M	RECESSED LINEAR OPAL DIFFUSER C/W DUAL LED STRIPS AND REMOTE DRIVER	WHITE	GAMMA ILLUMINATION GAP55045.OM	A
L7	26W 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 1548-4K-26W	A
L8	8W 4000K LED	RECESSED 47 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION MYLO 1004-WFL-4K-8W	A
L9	900LUMEN / METER 4000K LED	SURFACE MOUNTED LED EXTRUSION C/W REMOTE DRIVER AND A OPAL DIFFUSER	WHITE BODY	GAMMA ILLUMINATION GAP 55046	B
L10	28W 4000K LED	RECESSED DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION COBALT 1403-4K-28W	A
L11	4000K LED +/- 10% 2200 LUMEN / M	RECESSED LINEAR OPAL DIFFUSER C/W DUAL LED STRIPS AND REMOTE DRIVER	WHITE	GAMMA ILLUMINATION GAP55045.OM	A
L12	22W 4000K LED	RECESSED ADJUSTABLE DOWNLIGHT C/W REMOTE DRIVER	WHITE	GAMMA ILLUMINATION ZYLO 1003-VWFL-4K-22W	A



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## C3120a - ST JOHNS ANGLICAN COLLEGE, FOREST LAKE - AQUATIC CENTRE STAGE 1 C3120a-0002(E).xls

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L13	A SINGLE HORIZONTAL RUN OF LED STRIP LIGHT 4000K WHITE LEDS AT 12MM SPACING WITH REMOTE CONTROL GEAR. MOUNT THE LED STRIP UNDER THE OVERHEAD CUPBOARDS HARD AGAINST THE SPLASHBACK AS PER THE ARCHITECTURAL JOINERY DETAILS 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	A
L14	45W 4000K	SURFACE MOUNTED DOWNLIGHT C/W INTEGRAL DRIVER	WHITE	GAMMA ILLUMINATION 1474-WFL-4K-45W	A
L15	52W 4000K	SURFACE MOUNTED POOL LIGHT C/W INTEGRAL DRIVER	BLACK	BEGA 24 230 K4	B
L16	36W LED 4000K	SURFACE MOUNTED IP66 1200 LONG BATTEN C/W INTEGRAL DRIVER AND AN UNSWITCHED AS2293 NON MAINTAINED EMERGENCY PACK CONFIGURED TO ONLY OPERATE UPON MAINS FAILURE	LIGHT GREY	GAMMA STORM 1558-CCT-36W	A
L17	36W LED 4000K	SURFACE MOUNTED IP66 1200 LONG BATTEN C/W INTEGRAL DRIVER AND OCCUPANCY SENSOR	LIGHT GREY	GAMMA STORM 1558-CCT-36+SENSOR	A
L18	22W 4000K LED	RECESSED DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION COBALT 1402-4K-22W	A
L19	22W 4000K LED	SURFACE MOUNT DOWNLIGHT C/W INTEGRAL DRIVER	WHITE TRIM	GAMMA ILLUMINATION 1326-4K-22W	A
L20	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	A
L21	13W 4000K LED	RECESSED DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION COBALT 1402-4K-13W	A
L22	22W 4000K LED	RECESSED DOWNLIGHT C/W REMOTE DRIVER	WHITE	GAMMA ILLUMINATION COBALT 1400-4K-22W	A
L23	36W LED 4000K	CHAIN SUSPENDED IP66 1200 LONG BATTEN C/W INTEGRAL DRIVER	LIGHT GREY	GAMMA STORM 1558-CCT-36W	B



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L24	120W 4000 K LED	WALL MOUNTED ADJUSTABLE FLOOD LIGHT C/W INTERNAL DRIVER	BLACK	GAMMA ILLUMINATION ALTUS 1346-4K	B
L25	22W 4000K LED	RECESSED 55 DEG BEAM DOWNLIGHT C/W REMOTE DRIVER	WHITE TRIM	GAMMA ILLUMINATION MYLO 1004-VWFL-4K-22W	C
L26	EXISTING RECESSED DOWNLIGHT TO BE REINSTATED				C
E1	LED	EMERGENCY LIGHT: RECESSED NON-MAINTAINED EMERGENCY LIGHT. AS2293 CLASSIFICATION C0-D40 - C90-D40.	WHITE	CLEVERTRONICS CLIFE	A
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 LEVER MOUNTING BRACKET AS REQUIRED AS2293 CLASSIFICATION C0-D8 - C90-E3.2.	WHITE	CLEVERTRONICS LUB PRO SM	A
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	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
CEILING FAN TYPE 1 (F1)	1200 DIA 4 BLADE CEILING FAN C/W RIGID J HOOK SUSPENSION KIT. SUSPEND SUCH THAT THE BOTTOM OF THE FAN IS AT 2700mm AFFL.		WHITE FAN & SUSPENSIONS	CLIPSAL AIRFLOW 4HS1200-WH	A
CEILING FAN TYPE (F2)	60 INCH LOW PROFILE CEILING FAN C/W A STANDARD WIRED CONTROLLER MOUNTED AT 1000AFFL.		WHITE AIRFOIL WHITE HARDWARE	BIGG ASS HAIKU 60INCH LOW PROFILE C/W STANDARD WIRED CONTROLLER	A
FAN SPEED CONTROLLER	WALL MOUNTED F2 CONTROLLER/S CONFIGURED TO CONTROL THE NOMINATED FANS		WHITE	BIGG ASS HAIKU FAN CONTROLLER	A



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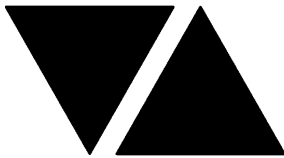
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SWITCH PANEL (SPx)		BMS LIGHTING CONTROL SWITCH PANEL PROVIDED AS PART OF THE BMS BY THE MECHANICAL SUB CONTRACTOR.			A
PROXIMITY DETECTOR SWITCH (PD)		ADJUSTABLE FLUSH RECESSED 360 DEGREE PIR PRESENCE DETECTOR TO OPERATE THE ASSOCIATED LIGHTS FOR 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
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 UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES FACEPLATE	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 UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES FACEPLATE	A
WEATHERPROOF LIGHT SWITCH (WP)		IP56 ONE OR TWO-WAY AS NOTED ON DRAWING LIGHT SWITCH C/W CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNTED AT 1000mm AFFL UNLESS NOTED OTHERWISE.	WHITE	CLIPSAL "56 SERIES"	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 UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES FACEPLATE	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 UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES FACEPLATE	A
DOUBLE POWER OUTLET (USB)		DOUBLE POWER OUTLET C/W USB A AND USB C CHARGER, CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNT AT 300mm AFFL U.N.O. RATING 10A U.N.O.	WHITE	CLIPSAL C2000 SERIES FACEPLATE	A
DOUBLE POWER LOUVRE OUTLET (LV)		DOUBLE POWER OUTLET MOUNTED AT HIGH LEVEL IN A CONCEALED POSITION TO SUPPLY THE MOTORISED LOUVER. CIRCUIT IDENTIFICATION ON THE FACEPLATE BEHIND THE SURROUND MOUNT AT 300mm AFFL U.N.O. RATING 10A U.N.O. CONFIRM THE OUTLET POSITION ON SITE WITH THE LOUVER SUPPLIER.	WHITE	CLIPSAL C2000 SERIES FACEPLATE	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
HAND DRYER CONNECTION (HD)		20A ISOLATING SWITCH WALL MOUNTED AT 2400mm AFFL AND CONNECTED TO THE HAND DRYER UNIT AS PER DETAIL.	WHITE UNLESS NOTED AS BLACK (BK)	CLIPSAL C2000 SERIES FACEPLATE	A



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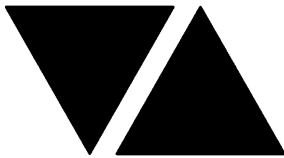
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SPECIAL PURPOSE OUTLET		SPECIAL PURPOSE OUTLET TYPE AS NOTED. MOUNT AT 1350mm AFFL U.N.O. RATING 20A U.N.O. CONNECT TO EQUIPMENT VIA FLEXIBLE CONDUIT.			A
SINGLE-PHASE ISOLATOR		SINGLE-PHASE WEATHERPROOF ISOLATOR. MOUNT AT 1350mm AFFL U.N.O. RATING 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
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
SPEAKER RECESSED		RECESSED 265 DIA DUAL CONE SPEAKER C/W 100V MULTI-TAP TRANSFORMER AND FLUSH GRILLE. EACH SPEAKER IS TO BE WIRED IN STAR CONFIGURATION TO THE AMPLIFIER MOUNTED IN THE COMMUNICATIONS RACK CR-A1.	WHITE GRILLE	BOSCH LBC 3099/41	A
SPEAKER SURFACE MOUNTED (SM)		SURFACE MOUNTED HOUSING C/W RECESSED 265 DIA DUAL CONE SPEAKER C/W 100V MULTI-TAP TRANSFORMER AND FLUSH GRILLE. EACH SPEAKER IS TO BE WIRED IN STAR CONFIGURATION TO THE AMPLIFIER MOUNTED IN THE COMMUNICATIONS RACK CR-A1.	WHITE GRILLE AND HOUSING	BOSCH LBC 3099/41 C/E SURFACE MOUNTING HOUSING	A
HORN		SURFACE MOUNTED ADJUSTABLE MULTI TAPPED 30W IP66 HORN SPEAKER EACH HORN SPEAKER IS TO BE WIRED IN STAR CONFIGURATION TO THE PA SYSTEM AMPLIFIER MOUNTED IN THE COMMUNICATIONS RACK CR-1.	GREY	AUSTRALIAN MONITOR ATC 30	A
CAT 6 COMMUNICATIONS OUTLET		RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO THE COMMUNICATIONS RACK CR-A4 TERMINATED ONTO FACILITY PATCH PANELS VIA 4-PAIR CAT-6 UTP CABLE. MOUNT UP TO 3 RJ45 OUTLETS PER MULTI-GANG FACEPLATE WITH SEPARATE PERMANENT LABELLING FOR EACH OUTLET.	WHITE UNLESS NOTED OTHERWISE. CEILING MOUNTED OUTLET TO MATCH CEILING COLOUR	CLIPSAL C2000 SERIES FACEPLATE	A
CAT 6 SURFACE MOUNTED COMMUNICATIONS OUTLET		SURFACE MOUNTED RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO THE COMMUNICATIONS RACK CR-1 WITH THE EXCEPTION OF THE POOL PLANT ROOM OUTLETS WHICH ARE TO BE CABLED TO CR-3. TERMINATED ONTO FACILITY PATCH PANELS VIA 4-PAIR CAT-6 UTP CABLE. MOUNT UP TO 3 RJ45 OUTLETS PER MULTI-GANG FACEPLATE WITH SEPARATE PERMANENT LABELLING FOR EACH OUTLET. PROVIDE THE SURFACE MOUNTING VIA A SURFACE MOUNTING BOX.	WHITE UNLESS NOTED OTHERWISE. CEILING MOUNTED OUTLET AND MOUNTING BOX TO MATCH CEILING COLOUR	CLIPSAL C2000 SERIES FACEPLATE AND 238-WE MOUNTING BOX	A



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CAT 6 CCTV COMMUNICATIONS OUTLET		RJ45 CAT-6 COMMUNICATIONS OUTLET, CABLED BACK TO THE COMMUNICATIONS RACK CR-1 WITH THE EXCEPTION OF THE POOL PLANT ROOM OUTLETS WHICH ARE TO BE CABLED TO CR-3. TERMINATED ONTO FACILITY PATCH PANELS VIA 4-PAIR CAT-6 UTP CABLE. MOUNT UP TO 3 RJ45 OUTLETS PER MULTI-GANG FACEPLATE WITH SEPARATE PERMANENT LABELLING FOR EACH OUTLET.	WHITE UNLESS NOTED OTHERWISE. CEILING MOUNTED OUTLET TO MATCH CEILING COLOUR	CLIPSAL C2000 SERIES	A
WEATHERPROOF COMMUNICATIONS OUTLET (WP)		COMMUNICATIONS OUTLET AS PER THE COMMUNICATIONS OUTLET DESCRIPTION, MOUNTED WITHIN A WEATHERPROOF ENCLOSURE.	WHITE	CLIPSAL 255 SERIES	A
COMMUNICATIONS RACK CR-A		EXISTING SERVER COMMUNICATIONS RACK TO REMAIN AS IS.			A
COMMUNICATIONS RACK CR-1		EXISTING COMMUNICATION RACK TO BE PROVIDED WITH ADDITIONAL FIBRE AND PATCH PANELS MATCHING THE EXISTING TO ACCOMMODATE THE ADDITIONAL FIBRE AND COMMUNICATIONS OUTLETS.			A
COMMUNICATIONS RACK CR-3		WALL MOUNTED HINGED 24 RU 600 DEEP COMMUNICATIONS RACK C/W LOCKABLE DOOR, VENTILATED SIDES, TOP AND BOTTOM PANELS AND A 10 PORT REAR POWER RAIL, PATCH PANELS AND FIBRE TO ACCOMMODATE THE FIBRE CABLE AND POOL PLANT ROOM COMMUNICATIONS OUTLETS. MOUNT THE TOP OF THE RACK AT 2100 AFFL.			A
RECESS KIT (RK)		VERTICALLY ORIENTATED WALL BOX TO ALLOW THE OUTLET TO BE RECESSED WITHIN THE WALL CAVITY	WHITE	REPELEC RECWP1WH	A
FLOOR BOX 1 (FB1)		SURFACE MOUNTED FLOOR BOX C/W A WHITE DOUBLE GPO POWER POINT SOCKET W/ 2 X USB A & 1 X USB C ON ONE SIDE AND A DOUBLE COMMUNICATIONS OUTLET ON THE OTHER SIDE.	STAINLESS STEEL FLOOR BOX WHITE OUTLETS	ELECTRIC CABLE DUCT SYSTEMS AFB20 - 4C-SKU040.000.0117 GPO AND CLIPSAL C2000 COMMS OUTLET	A
TABLE BOX (TB)		FLUSH RECESSED IN DESK BOX C/W FOUR 10 AMP GPO POWER POINT SOCKETS 2 X USB A CHARGING POINTS, 2 X USB C CHARGING POINTS AND 2 X COMMUNICATIONS OUTLETS.	WHITE	ELECTRIC CABLE DUCT SYSTEMS IDSO4P6D-SOLO	A
DB-1		EXISTING DISTRIBUTION BOARD TO BE PROVIDED WITH ADDITIONAL SWITCHGEAR TO ACCOMMODATE THE NEW DB-1 CIRCUITS. UPDATE THE SCHEDULE AT PRACTICAL COMPLETION. THE SUBMAIN SUPPLYING DB-1 IS TO BE REDIRECTED FROM THE MDB-1 TO THE NEW MSB.			E
DB-2		PROVIDE A NEW DISTRIBUTION BOARD DB-2 AS PER THE DB-2 CONFIGURATION SCHEMATIC, SPECIFICATION AND DISTRIBUTION BOARD DB-2 SCHEDULE. PROVIDE A SHOP DRAWING OF THE DB FOR APPROVAL.			A
DB-3		PROVIDE A NEW DISTRIBUTION BOARD DB-3 AS PER THE DB-3 CONFIGURATION SCHEMATIC, SPECIFICATION AND DISTRIBUTION BOARD DB-3 SCHEDULE. PROVIDE A SHOP DRAWING OF THE DB FOR APPROVAL.			A



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MDB-1		EXISTING MAIN SWITCHBOARD TO BE CHANGED TO MDB-1 AS PER THE MSB SCOPE NOTES			E
MSB		NEW MAIN SWITCHBOARD AS PER THE MSB SCOPE NOTES.			E
CIRCUIT DB-1 - P1		PROVIDE CIRCUIT DB-1 -P1 AS A NEW 20 AMP RCBO PROTECTED 2.5MM SINGLE PHASE CIRCUIT FROM THE EXISTING DISTRIBUTION BOARD DB-1.			A
CIRCUIT DB-1 - P2		PROVIDE CIRCUIT DB-1 -P2 AS A NEW 20 AMP RCBO PROTECTED 2.5MM SINGLE PHASE CIRCUIT FROM THE EXISTING DISTRIBUTION BOARD DB-1.			A
CIRCUIT DB-1 - P3		PROVIDE CIRCUIT DB-1 -P2 AS A NEW 20 AMP RCBO PROTECTED 2.5MM SINGLE PHASE CIRCUIT FROM THE EXISTING DISTRIBUTION BOARD DB-1.			A
CIRCUIT DB-1 - L1		PROVIDE CIRCUIT DB-1 -P2 AS A NEW 20 AMP RCBO PROTECTED 2.5MM SINGLE PHASE CIRCUIT FROM THE EXISTING DISTRIBUTION BOARD DB-1.			C
MSSB-1		EXISTING MECHANICAL SERVICES SWITCHBOARD TO REMAIN AS IS			A
MSSB-2		NEW MECHANICAL SERVICES SWITCHBOARD PROVIDED BY THE MECHANICAL SERVICES SUB CONTRACTOR. CONFIRM THE SUBMAIN CONNECTION POSITION, SIZE, CAPACITY AND FAULT LEVEL WITH THE MECHANICAL SERVICES SUB CONTRACTOR.			A
MSSB-3		NEW MECHANICAL SERVICES SWITCHBOARD PROVIDED BY THE MECHANICAL SERVICES SUB CONTRACTOR. CONFIRM THE SUBMAIN CONNECTION POSITION, SIZE, CAPACITY AND FAULT LEVEL WITH THE MECHANICAL SERVICES SUB CONTRACTOR.			A
POOL-1		NEW LERN TO SWIM POOL PLANT SWITCHBOARD PROVIDED BY THE POOL SUB CONTRACTOR. CONFIRM THE SUBMAIN CONNECTION POSITION, SIZE, CAPACITY AND FAULT LEVEL WITH THE POOL SUB CONTRACTOR. POOL 1 IS SUPPLIED FROM DB-3.			A
POOL-2		NEW MAIN POOL PLANT SWITCHBOARD PROVIDED BY THE POOL SUB CONTRACTOR. CONFIRM THE SUBMAIN CONNECTION POSITION, SIZE, CAPACITY AND FAULT LEVEL WITH THE POOL SUB CONTRACTOR. POOL 2 IS SUPPLIED FROM THE NEW MSB			E
BMS		BUILDING MANAGEMENT SYSTEM PANEL PROVIDED BY THE MECHANICAL SERVICES SUB CONTRACTOR.			A
NPP		NEW 1200 X 1200 X 1000 DEEP INSITU POWER PIT C/W A REINFORCED CONCRETE SURROUND AND A INFILL CLASS D LID DRAIN THE PT TO STORM WATER.			A
EPP		EXISTING POWER PIT			A
ECP		EXISTING COMMUNICATIONS PIT			A
CONDUIT ACCESS POINT A1		PROVIDE A1 AS A FLUSH INSITE 100 X 100 WATERPROOF JUNCTION BOX WITH A STAINLESS STEEL SCREW FIXED GASKETED LID ALL CANTERED ON TOP OF THE CONCRETE POST. PROVIDE 2 X 32 DIA AND 1 X 40 DIA CONDUITS ALL WITH DRAW WIRES FROM A1 RUN INSITU TO THE ACCESS POINT A2 AT HIGH LEVEL IN THE POLL PLANT ROOM ABOVE DB-3.			A
CONDUIT ACCESS POINT A2		PROVIDE A2 AS A NEAT COVER OVER THE CONDUITS FROM THE A1 ACCESS POINTS.			A



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3120a - ST JOHNS ANGLICAN COLLEGE, FOREST LAKE - AQUATIC CENTRE STAGE 1 C3120a-0002(E).xls

## ELECTRICAL EQUIPMENT SCHEDULE

REVISION E - 02 JUNE 2025

THE LIGHT FITTING SUPPLIER CONTACT DETAILS MAY BE AVAILABLE ON THE EDG WEBSITE VIA THE FOLLOWING LINK  
[www.edg.net.au/Links/Lighting.htm](http://www.edg.net.au/Links/Lighting.htm)

TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
FIRE INDICATOR PANEL (FIP-C)		EXISTING COVERED AREA EWIS PANEL TO BE UPGRADED TO A FULL AS1670.1 COMPLIANT FIRE INDICATOR PANEL			D
FIRE INDICATOR PANEL (FIP-A)		EXISTING MAIN ADMINISTRATION BUILDING FIRE INDICATOR PANEL TO BE UPGRADED			A
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 GRILLE PAINTED OUT TO MATCH THE CEILING.			A
FIRE EVACUATION SPEAKER SURFACE MOUNTED (SM)		SURFACE MOUNTED 5W TWO-TONE 8-INCH CONE ALERT AND EVACUATION SPEAKER TO AS1670.1 C/W 100V MULTI-TAP TRANSFORMER AND FLUSH GRILLE AND HOUSING PAINTED OUT TO MATCH THE CEILING.			A
FIRE EVACUATION HORN		SURFACE MOUNTED WEATHERPROOF TWO-TONE 30W ALERT AND EVACUATION HORN SPEAKER TO AS1670.1 C/W 100V MULTI-TAP TRANSFORMER. MOUNT AT HIGH LEVEL.			A
SMOKE DETECTOR		SURFACE MOUNTED SMOKE DETECTOR TO AS1670. WHITE			A
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.			A
SECURITY EQUIPMENT		SECURITY SYSTEM PANELS TO BE UPGRADED AND EXPANDED AS NECESSARY TO ACCOMMODATE THE ADDITIONAL DETECTORS AND ACCESS CONTROL POINTS.			A
SECURITY INTRUDER DETECTOR		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 AS REQUIRED TO ACCOMMODATE THE NEW DETECTORS AND CHANGES TO THE SATISFACTION OF THE SCHOOL. SUBMIT DETAILS OF THE DETECTORS INCLUDING THE MOUNTING ARRANGEMENTS FOR APPROVAL PRIOR TO ORDERING.			A
360 DEG SECURITY INTRUDER DETECTOR		DUAL-TECHNOLOGY 360 DEG MOVEMENT DETECTORS CEILING MOUNTED AS PER THE MANUFACTURER'S SPECIFICATION. CONNECT TO THE LOCAL SECURITY EQUIPMENT WITH ONE DETECTOR PER ZONE. PROGRAM THE SECURITY SYSTEM AS REQUIRED TO ACCOMMODATE THE NEW DETECTORS AND CHANGES TO THE SATISFACTION OF THE SCHOOL. SUBMIT DETAILS OF THE DETECTORS INCLUDING THE MOUNTING ARRANGEMENTS FOR APPROVAL PRIOR TO ORDERING.			B
SECURITY PRO TRI TECH INTRUDER DETECTOR		PROFESSIONAL- TRI-TECHNOLOGY PET IMMUNE 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 AS REQUIRED TO ACCOMMODATE THE NEW DETECTORS AND CHANGES TO THE SATISFACTION OF THE SCHOOL. SUBMIT DETAILS OF THE DETECTORS INCLUDING THE MOUNTING ARRANGEMENTS FOR APPROVAL PRIOR TO ORDERING.			B
ACCESS CONTROL LIFT INTERFACE MODULE (LIM)		ACCESS CONTROL SYSTEM LIFT READER MODULE(S) FOR THE LIFT CAR CARD READER LOCATED IN A CONCEALED POSITION ON SITE. COORDINATE THE INTERFACE AND CR INSTALLATION WITH THE LIFT CONTRACTOR			A
ACCESS CONTROL GATE INTERFACE (GATE)		ACCESS CONTROL SYSTEM MOTORISED GATE INTERFACE. COORDINATE THE INTERFACE WITH THE GATE CONTRACTOR			A





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## ELECTRICAL EQUIPMENT SCHEDULE

REVISION E - 02 JUNE 2025

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TYPE	LAMPS	DESCRIPTION	COLOUR / ACCESSORY	CATALOGUE No	REV
ACCESS CONTROL DOOR ELECTRIC STRIKE (ES)		FLUSH MOUNTED FAIL SAFE ELECTRIC DOOR STRIKE PLATE SUPPLIED AND INSTALLED AS PART OF THE DOOR. ALLOW TO CONNECT THE ELECTRIC STRIKE TO THE ACCESS CONTROL SYSTEM. PROVIDE CONCEALED DOOR READER MODULES & AUXILIARY POWER SUPPLIES AS REQUIRED. PROVIDE A BATTERY BACK UP SYSTEM SUCH THAT THE ELECTRIC STRIKES REMAIN LOCKED FOR AT LEAST FOUR HOURS UPON MAINS POWER FAILURE. COORDINATE THE ELECTRIC DOOR STRIKE INTERFACE WITH THE DOOR SUPPLIER. EACH ELECTRIC STRIKE IS TO BE PROVIDED WITH DOOR STATUS REPORTING (DOOR OPEN / DOOR CLOSED)			A
ACCESS CONTROL DOOR CARD READER (CR)		WALL-MOUNTED 1000AFFL VANDAL-RESISTANT ACCESS CONTROL SYSTEM HEAVY-DUTY PROXIMITY CARD READER. PROVIDE DOOR READERS AND POWER SUPPLIES AS REQUIRED			A
SECURITY PIZEO		SECURITY FLUSH RECESSED PIZEO SIREN UNLESS NOTED AS SM THEN PROVIDE THE PIZEO AS SURFACE MOUNTED .			D
SECURITY LOCK DOWN BUTTON (LD)		SECURITY LOCK DOWN BUTTON.			D
SECURITY REED SWITCH		SECURITY FLUSH DOOR / GATE REED SWITCH ALL CABLING AND ACCOCIATD CONDUIT TO BE CONCEALLED. CONNECT TO THE LOCAL SECURITY EQUIPMENT WITH EACH DOOR / SET OF DOORS CONFIGURED AS A SINGLE ZONE. PROGRAM THE SECURITY SYSTEM AS REQUIRED TO ACCOMMODATE THE NEW REED SWITCHES AND CHANGES TO THE SATISFACTION OF THE SCHOOL. SUBMIT DETAILS OF THE REED SWITCHES INCLUDING THE MOUNTING ARRANGEMENTS FOR APPROVAL PRIOR TO ORDERING.			B
SECURITY KEY PAD (KP)		SECURITY ARMING / DISARMING KEY PAD LOCATED IN A FLUSH RECESSED LOCKABLE HINGED 316 STAINLESS STEEL ENCLOSURE. ALL CABLING AND ACCOCIATD CONDUIT TO BE CONCEALLED. CONNECT TO THE LOCAL SECURITY EQUIPMENT. PROGRAM THE SECURITY SYSTEM AS REQUIRED TO THE SATISFACTION OF THE SCHOOL. SUBMIT DETAILS OF THE KEY PAD AND ENCLOSURE FOR APPROVAL PRIOR TO ORDERING.			B