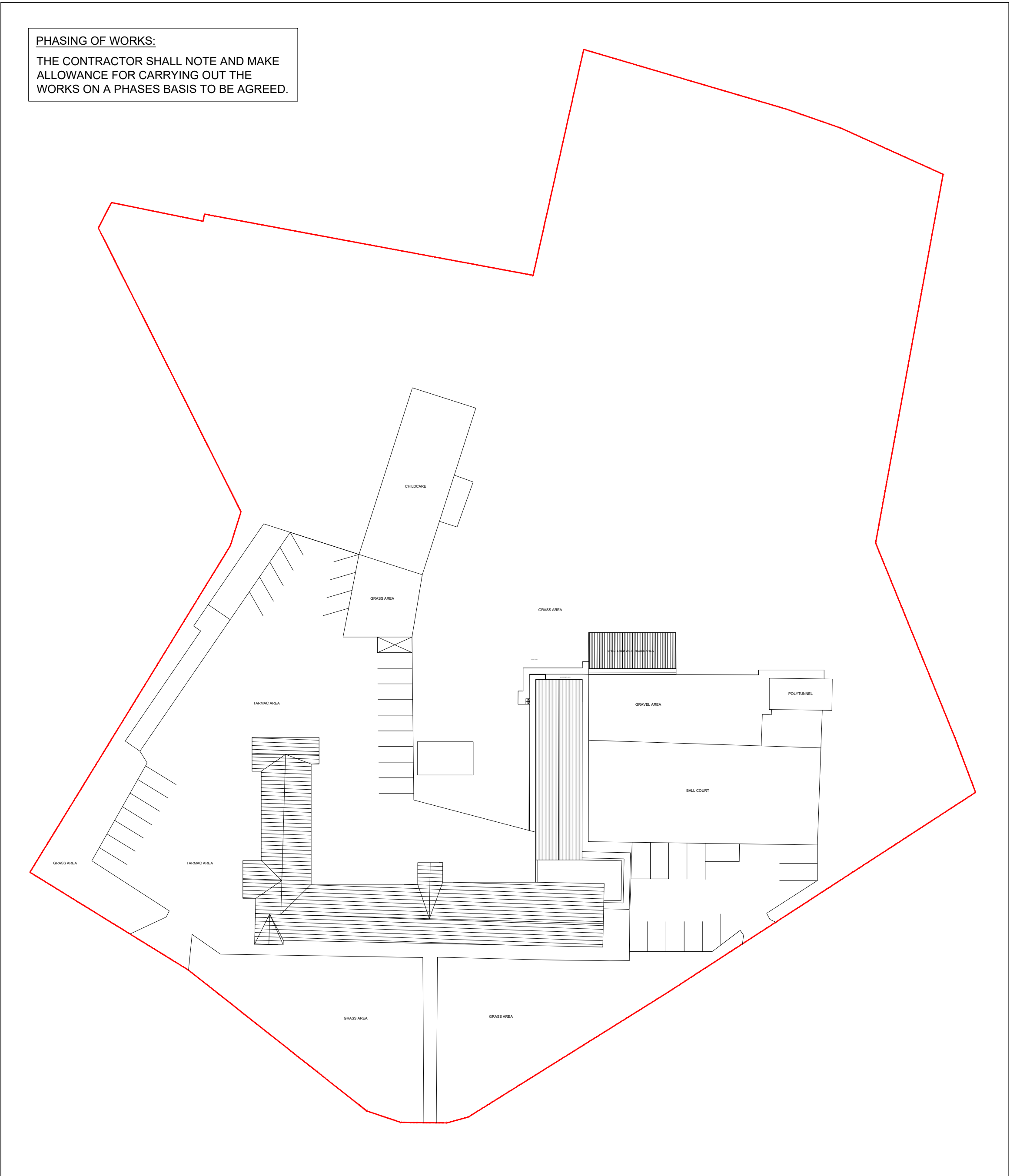


OVERVIEW OF WORKS									
GENERAL SERVICES & SMALL POWER	GENERAL & EMERGENCY LIGHTING	FIRE ALARM & DETECTION	PUBLIC ADDRESS/CLASS CHANGE SYSTEM	PROJECTORS & SCREENS	INTRUDER ALARM	CCTV	DOOR ACCESS CONTROL/EMERGENCY ALARM	ICT	POLE MOUNTED CARPARK/SITE LIGHTING
FULL REWIRE IS REQUIRED, TESTED, COMMISSIONED, AND CERTIFIED IN ACCORDANCE WITH CURRENT REGULATIONS. THE EXISTING MAIN POWER DISTRIBUTION BOARD AND ALL SUB POWER DISTRIBUTION BOARDS SHALL BE MADE SAFE AND DISCONNECTED & REMOVED OFF SITE TOGETHER WITH ALL EXISTING 13A SOCKET OUTLETS, FUSED CONNECTION UNITS, POWER ISOLATORS AND ALL OBSOLETE LV CABLING & CONTAINMENT. SUPPLY & INSTALL NEW POWER DISTRIBUTION BOARDS AND GENERAL SERVICES & SMALL POWER INSTALLATION AS INDICATED C/W 13A SOCKET OUTLETS, FUSED CONNECTION UNITS, POWER ISOLATORS AND LV CABLING & CONTAINMENT. ALLOW FOR TEMPORARY POWER SUPPLIES TO MAINTAIN THE FIRE ALARM SYSTEM AND SECURITY SYSTEMS IN OPERATION DURING CHANGEOVER OF ESB/MAIN POWER DISTRIBUTION BOARD.	FULL REWIRE IS REQUIRED, TESTED, COMMISSIONED, AND CERTIFIED IN ACCORDANCE WITH CURRENT REGULATIONS. ALL EXISTING EMERGENCY LIGHT FITTINGS SHALL BE MADE SAFE AND DISCONNECTED & REMOVED OFF SITE TOGETHER WITH ALL OBSOLETE LV CABLING & CONTAINMENT. SUPPLY & INSTALL NEW GENERAL & EMERGENCY INSTALLATION AS INDICATED.	FULL REWIRE IS REQUIRED, TESTED, COMMISSIONED, AND CERTIFIED IN ACCORDANCE WITH CURRENT REGULATIONS. ALL EXISTING FIRE ALARM & DETECTION DEVICES SHALL BE DISCONNECTED & REMOVED TOGETHER ALL OBSOLETE CABLING & CONTAINMENT. SUPPLY & INSTALL NEW FULLY ADDRESSABLE FIRE ALARM & DETECTION SYSTEM C/W DEVICES, ENHANCED GRADE 120 CABLING & DEDICATED CONTAINMENT AS INDICATED. INSTALLATION OF THE NEW FIRE ALARM SYSTEM AND DEINSTALLATION OF THE EXISTING FIRE ALARM SYSTEM SHALL BE PHASED SUCH THAT THE BUILDING REMAINS PROTECTED THROUGHOUT THE WORKS. ALLOW FOR TEMPORARY POWER SUPPLIES TO MAINTAIN THE FIRE ALARM SYSTEM IN OPERATION DURING CHANGEOVER OF ESB/MAIN POWER DISTRIBUTION BOARD. THE CONTRACTOR SHALL ALLOW FOR 2No. SETS OF HOLD OPEN DEVICE IN THE EXISTING CORRIDORS FOR FUTURE – FINAL LOCATION TO BE AGREED.	THE EXISTING PUBLIC ADDRESS/CLASS SYSTEM SHALL BE REPLACED. PRIMARY CONTAINMENT FOR ELV/COMMS CABLING SHALL BE GALVANISED STEEL TRAY. SECONDARY CONTAINMENT FOR ELV/COMMS CABLING SHALL BE GALVANISED STEEL CONDUIT. SUPPLY & INSTALL NEW SUITABLY SIZED GALVANISED STEEL CABLE TRAY & CONDUITS AS REQUIRED FOR SAME. ALLOW FOR TEMPORARY POWER SUPPLIES TO MAINTAIN THE SECURITY SYSTEMS IN OPERATION DURING CHANGEOVER OF ESB/MAIN POWER DISTRIBUTION BOARD.	EXISTING PROJECTORS AND INTERACTIVE SCREENS IN CLASSROOMS SHALL BE DISCONNECTED, CAREFULLY TAKEN DOWN AND STORED FOR THE DURATION OF THE WORKS. THEY SHALL ALL BE REINSTATED AS BEFORE FOLLOWING COMPLETION OF WORKS. THE EXISTING HDMI CABLES FOR PROJECTORS AND INTERACTIVE SCREENS SHALL BE CAREFULLY TAKEN DOWN TO FACILITATE WORKS – ALL SHALL BE REINSTATED INTO NEW PVC DADO TRUNKING & GALVANISED STEEL CONDUITS C/W NEW FACEPLATES TO SUIT.	THE EXISTING INTRUDER ALARM SYSTEM TO BE RETAINED. ALL INTRUDER ALARM DEVICES THROUGHOUT, EXISTING HEAD UP TO BE RETAINED. EXISTING CABELLING SYSTEMS ARE TO BE TRACED END-TO-END AND TIED UP BY PLACING ON TRAY CONTAINMENT. CONTRACTOR MUST VISIT THE SITE TO FAMILIARIZE HIMSELF WITH THE FULL EXTENT OF THE WORKS. ALLOW FOR TEMPORARY POWER SUPPLIES TO MAINTAIN THE SECURITY SYSTEMS IN OPERATION DURING CHANGEOVER OF ESB/MAIN POWER DISTRIBUTION BOARD. TEST AND RE-COMMISSION THE ENTIRE SYSTEM FOLLOWING COMPLETION OF WORKS.	THE EXISTING CCTV SYSTEM TO BE RETAINED. ALL EXISTING CCTV SYSTEM SHALL BE DISCONNECTED & REMOVED TOGETHER ALL OBSOLETE CABLING & CONTAINMENT. EXISTING CABELLING SYSTEMS ARE TO BE TRACED END-TO-END AND TIED UP BY PLACING ON TRAY CONTAINMENT. CONTRACTOR MUST VISIT THE SITE TO FAMILIARIZE HIMSELF WITH THE FULL EXTENT OF THE WORKS. ALLOW FOR TEMPORARY POWER SUPPLIES TO MAINTAIN THE SECURITY SYSTEMS IN OPERATION DURING CHANGEOVER OF ESB/MAIN POWER DISTRIBUTION BOARD. TEST AND RE-COMMISSION THE ENTIRE SYSTEM FOLLOWING COMPLETION OF WORKS.	THE EXISTING DOOR ACCESS CONTROL SYSTEMS SHALL BE RETAINED & RE-COMMISSIONED. ALL EXISTING DOOR ACCESS CONTROL DEVICES AND INFRASTRUCTURE SHALL BE SUITABLY PROTECTED DURING WORKS. EXISTING CABELLING SYSTEMS ARE TO BE TRACED END-TO-END AND TIED UP BY PLACING ON TRAY CONTAINMENT. CONTRACTOR MUST VISIT THE SITE TO FAMILIARIZE HIMSELF WITH THE FULL EXTENT OF THE WORKS. TEST & RECOMMISSION FOLLOWING COMPLETION OF WORKS. ALLOW FOR TEMPORARY POWER SUPPLIES TO MAINTAIN THE SECURITY SYSTEMS IN OPERATION DURING CHANGEOVER OF ESB/MAIN POWER DISTRIBUTION BOARD.	FULL REWIRE IS REQUIRED, TESTED, COMMISSIONED, AND CERTIFIED IN ACCORDANCE WITH CURRENT REGULATIONS. THE EXISTING ICT MAIN DISTRIBUTION FRAME AND ALL INTERMEDIATE DISTRIBUTION FRAMES SHALL BE MADE SAFE AND DISCONNECTED & REMOVED OFF SITE TOGETHER WITH ALL ICT OUTLETS AND ALL OBSOLETE COMMS CABLING & CONTAINMENT. SUPPLY & INSTALL NEW ICT DISTRIBUTION FRAMES AND COMMS INSTALLATION AS INDICATED C/W OUTLETS AND COMMS CABLING & CONTAINMENT.	EXISTING POLE MOUNTED SITE LIGHTING SHALL BE RETAINED. THE ELECTRICAL CONTRACTOR SHALL SURVEY THE ENTIRE SCHOOL CAMPUS TO IDENTIFY ALL EXISTING POLE MOUNTED CARPARK/SITE LIGHTING AND SHALL TRACE & IDENTIFY ALL EXISTING SUB-CIRCUIT CABLING TO SAME – ALLOW FOR DIVERTING TO THE EXTERNAL LIGHTING SECTION OF THE NEW POWER DISTRIBUTION BOARD (CONTROLLED BY PHOTOCELL, TIME CLOCK AND KEY OPERATED HAND-OFF-AUTO SWITCH), MODIFY & EXTEND SUB-CIRCUITS AS REQUIRED. RE-LAMP EXISTING FITTINGS ON THE SITE. TEST & RECOMMISSION FOLLOWING COMPLETION OF WORKS.
NEW BOILER ROOM CONTROL CENTRE INCORPORATING BMS + WIRING TO: • EXISTING 2No. OIL FIRED BOILER/ BURNER UNITS • HEATING SYSTEM AUTO TOP-UP UNIT • 3No. SINGLE PUMPS – SINGLE PHASE 3x40mm² • WIRING TO SECONDARY HOT WATER • 2No. FROST PROTECTION • WATER PUMP IN KITCHEN 3x2.5mm² + BOILER • 1No. x 6kW IMMERSION HEATER 3x10mm² A NEW SWA SUBMANS SHALL EXTEND FROM THE MAIN DISTRIBUTION BOARD TO THE CONTROL CENTRE AND SHALL BE TERMINATING BOTH ENDS. THE EXISTING OBSOLETE SUBMANS CABLE SHALL BE TRACED BACK TO SOURCE, MADE SAFE AND DISCONNECTED & REMOVED. ALL EXISTING CONTROL POINTS WHICH ARE PRESENTLY WIRED BACK TO THIS CONTROL CENTRE SHALL MADE SAFE AND DISCONNECTED & REMOVED – ALL POWER SUPPLIES SHALL BE REWIRED IN FULL. LIAISE WITH CONTROL SPECIALIST AND TEST & RECOMMISSION THE CONTROL CENTRE/BMS FOLLOWING COMPLETION OF WORKS									



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- BUILDERS WORK NOTES:
1. ALLOW FOR CORE DRILLING OPES THROUGH EXISTING MASONRY WALLS AS REQUIRED FOR NEW ELECTRICAL CONTAINMENT AND CONDUIT PENETRATIONS.
 2. ALLOW FOR FIRE SEALING ALL SERVICES PENETRATIONS THROUGH THE FIRE RATED COMPARTMENTS AND WALLS FOLLOWING COMPLETION OF WORKS.
 3. ALL CEILING MOUNTED FIRE ALARM DEVICES AND ALL SURFACE MOUNTED GENERAL & EMERGENCY LIGHTING FITTINGS SHALL BE SECURED TO TIMBER GROUNDS. ALLOW FOR 10mm PLYWOOD GROUNDS ABOVE PLASTERED CEILINGS AS REQUIRED.
 4. ALLOW FOR TAKING DOWN EXISTING PLASTERED CEILINGS AND BULKHEADS AS REQUIRED TO FACILITATE WORKS AND FOR REINSTATING AS BEFORE FOLLOWING COMPLETION OF WORKS.
 5. ALLOW FOR 12No. 450x450 1 HOUR FIRE RATED ACCESS HATCHES AND FOR INSTALLED SAME IN EXISTING PLASTERED CEILINGS AND BULKHEADS.
 6. ALLOW FOR FIRE RATED ENCLOSURES FOR POWER DISTRIBUTION BOARDS AS INDICATED ON GENERAL SERVICES & SMALL POWER LAYOUT.
 7. ALL SWITCHES & DEVICES BELOW 2.0m IN GP AREA SHALL BE FLUSH MOUNTED, ALLOW FOR 12m OF 40x40mm VERTICAL CHASING IN MASONRY WALLS AND ENLARGING AT RECESSES FOR BACKBOXES. ALLOW FOR REINSTATING WALL SURFACES AS BEFORE AND MAKING GOOD.
 8. ALLOW FOR PAINTING ANY NEW EXPOSED ELECTRICAL CONTAINMENT WITH PRIMER AND PAINT SUITABLE FOR GALVANISED STEEL, RAL TO SELECTION.
 9. ALLOW FOR ALL NECESSARY REPAIRS, MAKING GOOD AND PAINTING CEILINGS, WALLS AND FLOORS WHICH ARE IMPACTED BY PROPOSED WORKS.

EXISTING ELECTRICAL SERVICES NOTES:

THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR DISCONNECTING AND REMOVING OFF SITE ALL EXISTING ELECTRICAL SERVICES AS NOTED ACROSS INCLUDING LV, COMMS AND FIRE ALARM INFRASTRUCTURE.

IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO CARRY OUT A SURVEY TO TRACE AND IDENTIFY ALL EXISTING ELECTRICAL SERVICES.

THE ELECTRICAL CONTRACTOR MUST TRACE END-TO-END, VERIFY USAGE AND MAKE SAFE ALL EXISTING CABLING PRIOR TO DE-INSTALLATION WORKS.

EXISTING INFRASTRUCTURE WHICH IS TO BE RETAINED AS NOTED ACROSS SHALL BE IDENTIFIED, LABELLED AND SUITABLY PROTECTED THROUGHOUT THE WORKS - ANY EXISTING CABLING WHICH IS NOT MECHANICALLY PROTECTED SHALL BE DIVERTED INTO NEW GALVANISED STEEL CONTAINMENT.

THE CONTRACTOR IS STRONGLY RECOMMENDED TO VISIT SITE PRIOR TO TENDER TO SURVEY THE AREAS OF WORKS AND FAMILIARISE THEMSELVES WITH THE SCOPE OF WORK INVOLVED WITH THE ABOVE AND ALL OTHER WORKS INDICATED ON THIS DRAWING AND THE ACCOMPANYING DRAWINGS TO ENSURE THAT ALL DUE ALLOWANCES AND NECESSARY COSTS ARE ACCOUNTED FOR IN THEIR TENDER SUBMISSION - ADDITIONAL COSTS INCURRED DUE TO THIS EXERCISE NOT BEING CARRIED OUT WILL NOT BE ACCEPTED.

A	Tender Issue	24-July-2026	AB	CG
Revision	Description	Date	Drawn	Checked
		STUDIO 22, WATERFORD BUSINESS PARK, CORK ROAD, WATERFORD, IRELAND. TEL: 051-879371 FAX: 051-853188 EMAIL: info@geaneyengineering.ie		
project title:				
LOETB Electrical Upgrade at Mountmellick FET, Mountmellick, Co. Laois				
drawing title:				
Overview of Works				
scale:		N/A		
architect:		- -		
project number:		drawing number:		
0840		EL100		



EXISTING MAIN POWER DISTRIBUTION BOARD

EXISTING FIRE ALARM PANEL

EXISTING MAIN DISTRIBUTION FRAME

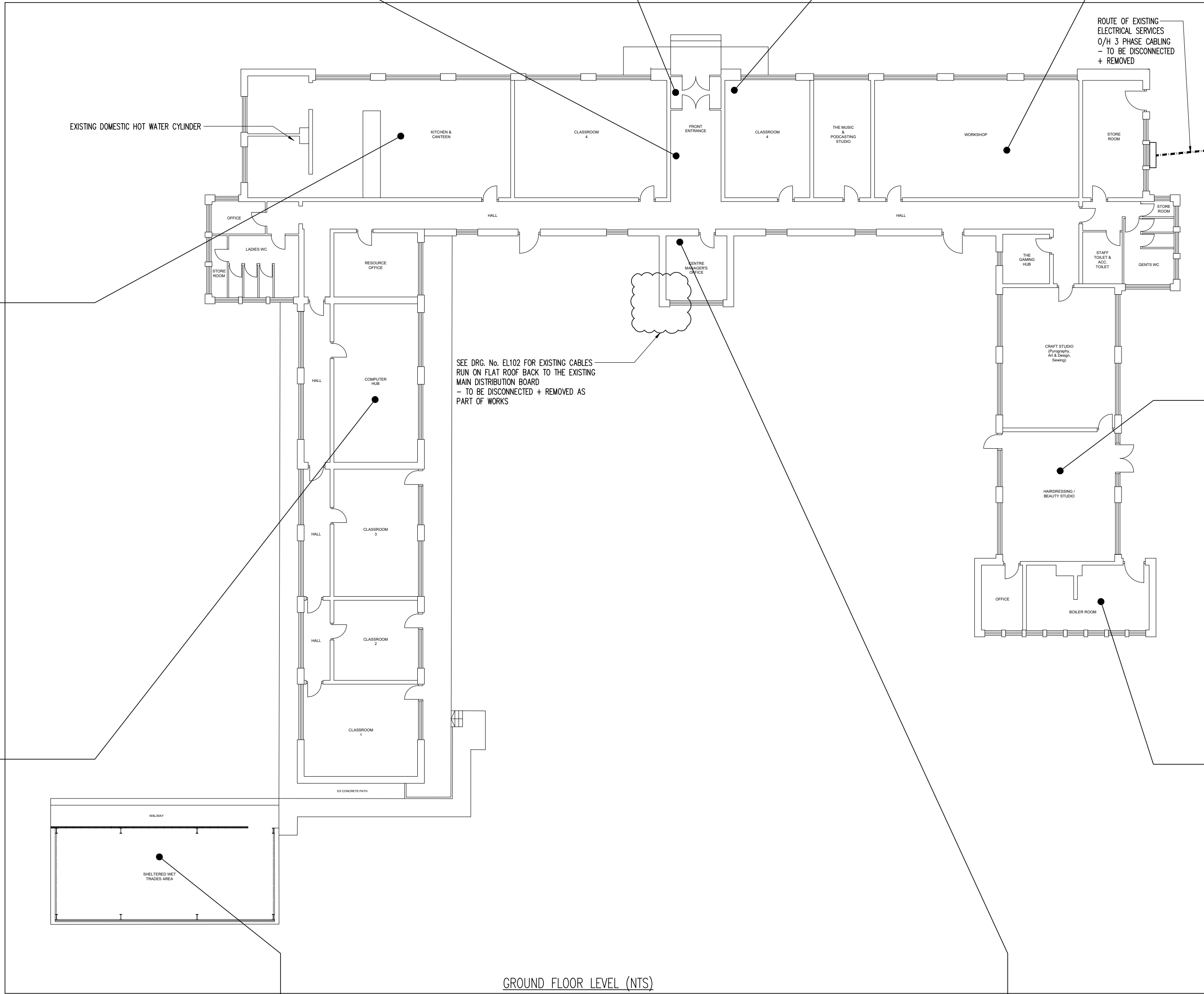
EXISTING WORKSHOP



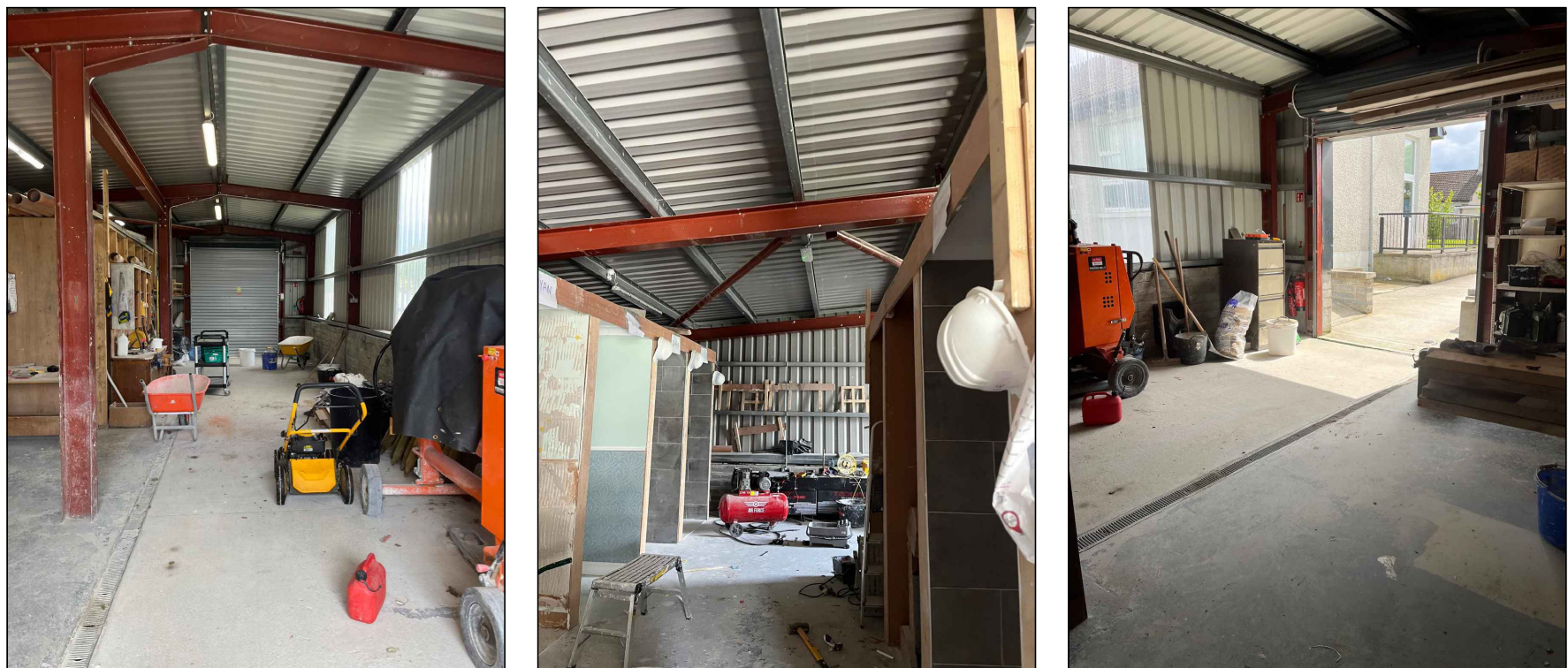
EXISTING KITCHEN & CANTEEN



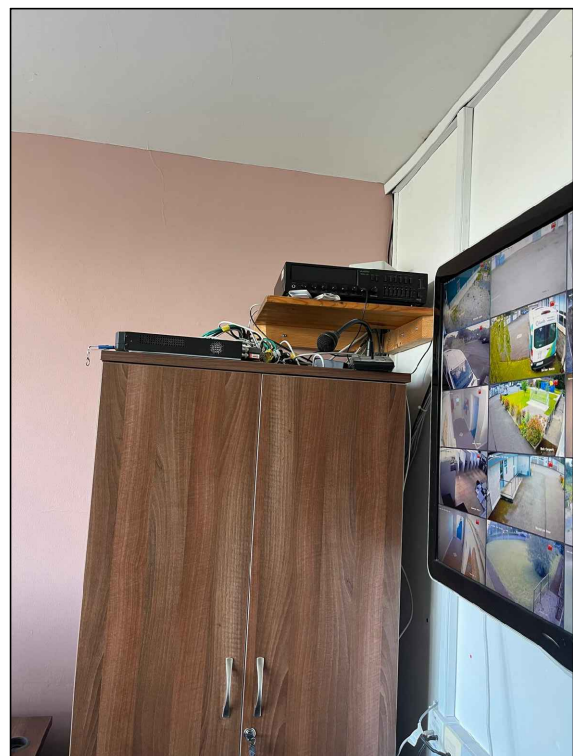
EXISTING COMPUTER HUB



GROUND FLOOR LEVEL (NTS)



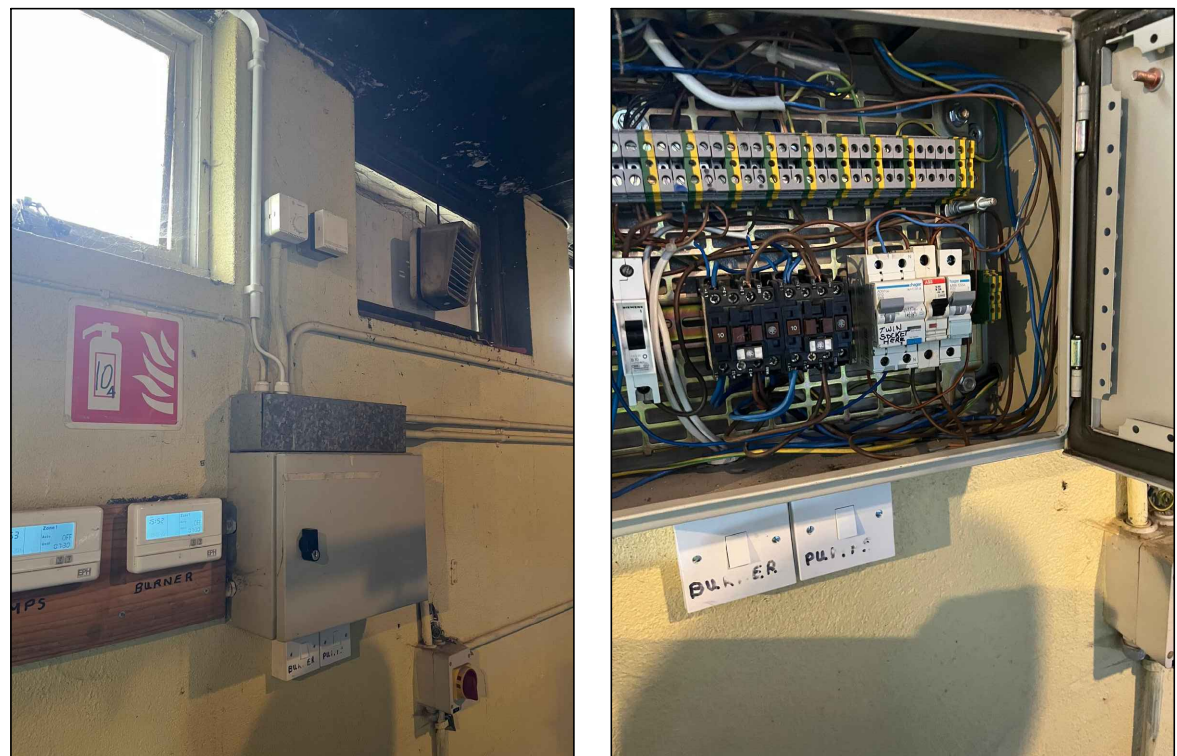
EXISTING SHELTERED WET TRADES AREA



EXISTING CCTV SYSTEM



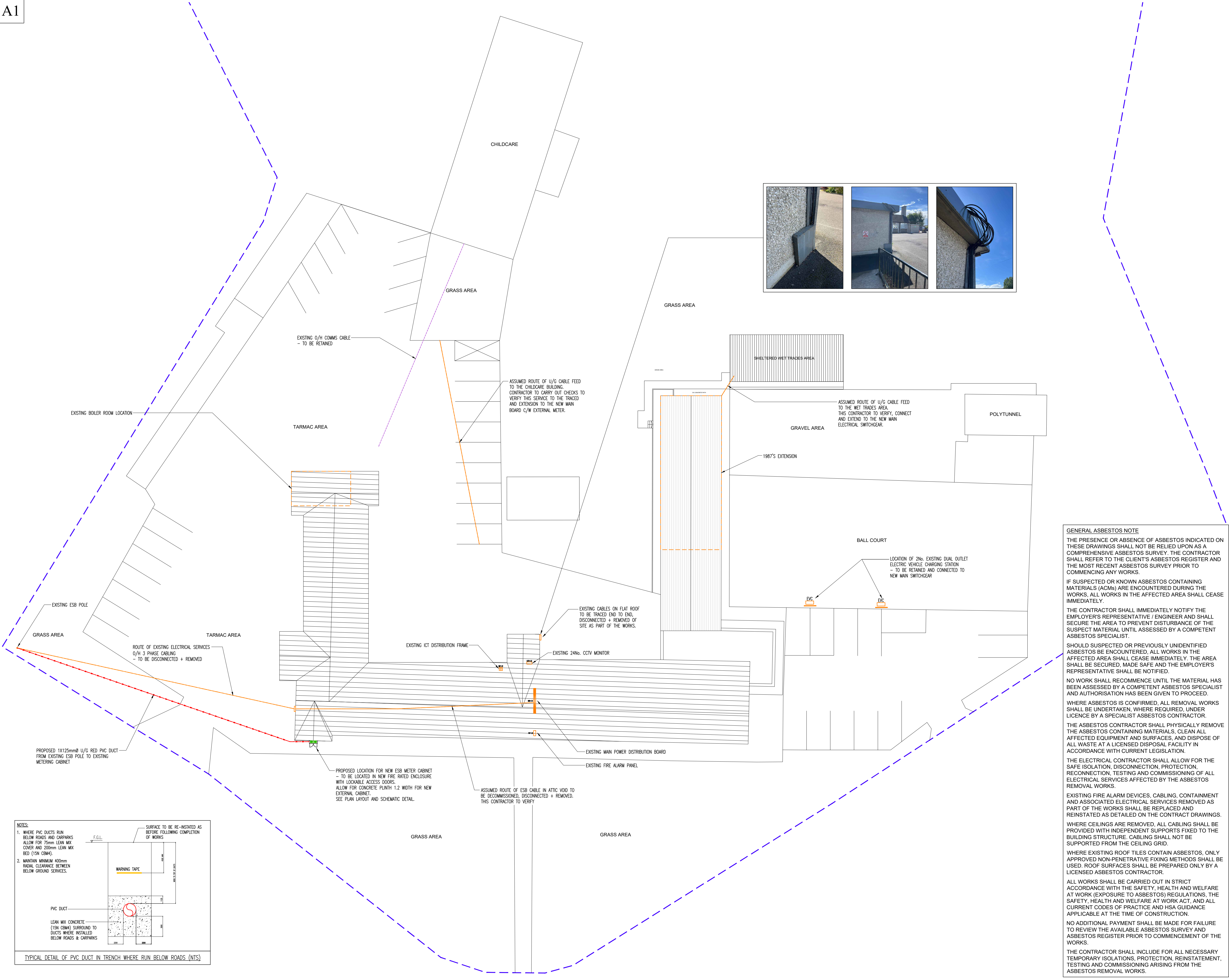
EXISTING BOILER ROOM



EXISTING HAIRDRESSING / BEAUTY STUDIO

- GENERAL NOTES
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 - 4) Drawing to be read in conjunction with all other drawings and documentation.

A		Tender Issue	24-July-2026	AB	CG
Revision	Description	Date	Drawn	Checked	
 STUDIO 22, WATERFORD BUSINESS PARK, CORK ROAD, WATERFORD, IRELAND. TEL: 051-879371 FAX: 051-853188 EMAIL: info@geaneyengineering.ie project title: LOETB Electrical Upgrade at Mountmellick FET, Mountmellick, Co. Laois drawing title: School Building Overview scale: N/A architect: -- project number: 0840 drawing number: EL101					



- GENERAL NOTES
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 - 4) Drawing to be read in conjunction with all other drawings and documentation.

- NOTES:
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL DRAWINGS & SPECIFICATIONS.
 2. THE ELECTRICAL CONTRACTOR SHALL CO-ORDINATE ALL SERVICES FULLY WITH ALL TRADES BEFORE COMMENCING WORK.
 3. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS SHALL BE TAKEN ON SITE.
 4. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION TO ALLOW PROPER CO-ORDINATION OF ALL SERVICES.
 5. EXTRA COSTS INCURRED DUE TO THE CO-ORDINATION EXERCISE NOT BEING COMPLETED WILL NOT BE ACCEPTED BY THE ENGINEER.
 6. EXACT LOCATION OF ALL SERVICES SHALL BE AGREED WITH THE EMPLOYERS REPRESENTATIVE PRIOR TO COMMENCEMENT ON SITE.
 7. ALL SERVICES AS SHOWN ON THIS DRAWING SHALL BE INCLUDED IN THE FINAL TENDER PRICE.
 8. SAMPLE OF ALL EQUIPMENT SHALL BE APPROVED BY CLIENT, ARCHITECT AND BUILDING SERVICES ENGINEER PRIOR TO ORDERING.
 9. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.

- LEGEND:
- ROUTE OF EXISTING ELECTRICAL SERVICES OVERHEAD CABLING
 - ROUTE OF EXISTING ELECTRICAL SERVICES UNDERGROUND CABLING
 - ROUTE OF EXISTING ELECTRICAL SERVICES CABLING IN ATTIC SPACE
 - ROUTE OF EXISTING COMMS SERVICES OVERHEAD CABLING
 - WEB-EX EXISTING MAIN POWER DISTRIBUTION BOARD
 - MOF-EX EXISTING ICT DISTRIBUTION FRAME
 - CCV-EX EXISTING 24No. CCTV MONITOR
 - FAP-EX EXISTING FIRE ALARM PANEL
 - PROPOSED ROUTE OF ELECTRICAL SERVICES UNDERGROUND CABLING

DEINSTALLATION NOTES (ELECTRICAL SERVICES):

ALL EXISTING OBSOLETE ELECTRICAL SERVICES SHALL BE MADE SAFE AS NOTED AND AS REQUIRED TOGETHER WITH ALL OBSOLETE CABLING, CONTAINMENT, FIXINGS & SUPPORTS TO FACILITATE THE PROPOSED WORKS.

THE EXISTING ELECTRICAL SERVICES INSTALLATIONS ARE GENERALLY NOT INDICATED ON THIS DRAWING. EXISTING ELECTRICAL SERVICES WHICH ARE INDICATED MUST BE VERIFIED BY THE ELECTRICAL CONTRACTOR. IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO CARRY OUT A SURVEY TO IDENTIFY ALL EXISTING ELECTRICAL SERVICES IMPACTED BY THE PROPOSED WORKS.

THE ELECTRICAL CONTRACTOR MUST TRACE END-TO-END, VERIFY USAGE AND MAKE SAFE ALL EXISTING CABLING IN THE AREAS OF WORKS PRIOR TO COMMENCING DE-INSTALLATION WORKS/MODIFICATIONS. ISOLATE AND PHYSICALLY DISCONNECT EXISTING LV SUBMAINS AND LV SUB-CIRCUITS AT RESPECTIVE POWER DISTRIBUTION BOARDS AS REQUIRED PRIOR TO COMMENCING DE-INSTALLATION WORKS/MODIFICATIONS.

ALL MODIFICATIONS TO THE EXISTING ELECTRICAL SERVICES INFRASTRUCTURE SHALL BE REVIEWED WITH THE BUILDING SERVICES ENGINEER PRIOR TO COMMENCING WORKS.

ALLOW FOR TESTING AND RECOMMISSIONING ALL EXISTING SYSTEMS AFFECTED BY THE WORKS.

THE ELECTRICAL CONTRACTOR IS STRONGLY RECOMMENDED TO VISIT SITE PRIOR TO TENDER TO SURVEY THE AREAS OF WORKS AND FAMILIARISE THEMSELVES WITH THE SCOPE OF WORK INVOLVED WITH THE ABOVE AND ALL OTHER WORKS INDICATED ON THIS DRAWING AND THE ACCOMPANYING DRAWINGS TO ENSURE THAT ALL DUE ALLOWANCES AND NECESSARY COSTS ARE ACCOUNTED FOR IN THEIR TENDER SUBMISSION - ADDITIONAL COSTS INCURRED DUE TO THIS EXERCISE NOT BEING CARRIED OUT WILL NOT BE ACCEPTED.

GENERAL ASBESTOS NOTE

THE PRESENCE OR ABSENCE OF ASBESTOS INDICATED ON THESE DRAWINGS SHALL NOT BE RELIED UPON AS A COMPREHENSIVE ASBESTOS SURVEY. THE CONTRACTOR SHALL REFER TO THE CLIENT'S ASBESTOS REGISTER AND THE MOST RECENT ASBESTOS SURVEY PRIOR TO COMMENCING ANY WORKS.

IF SUSPECTED OR KNOWN ASBESTOS CONTAINING MATERIALS (ACMs) ARE ENCOUNTERED DURING THE WORKS, ALL WORKS IN THE AFFECTED AREA SHALL CEASE IMMEDIATELY.

THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE EMPLOYER'S REPRESENTATIVE / ENGINEER AND SHALL SECURE THE AREA TO PREVENT DISTURBANCE OF THE SUSPECT MATERIAL UNTIL ASSESSED BY A COMPETENT ASBESTOS SPECIALIST.

SHOULD SUSPECTED OR PREVIOUSLY UNIDENTIFIED ASBESTOS BE ENCOUNTERED, ALL WORKS IN THE AFFECTED AREA SHALL CEASE IMMEDIATELY. THE AREA SHALL BE SECURED, MADE SAFE AND THE EMPLOYER'S REPRESENTATIVE SHALL BE NOTIFIED.

NO WORK SHALL RECOMMENCE UNTIL THE MATERIAL HAS BEEN ASSESSED BY A COMPETENT ASBESTOS SPECIALIST AND AUTHORISATION HAS BEEN GIVEN TO PROCEED.

WHERE ASBESTOS IS CONFIRMED, ALL REMOVAL WORKS SHALL BE UNDERTAKEN, WHERE REQUIRED, UNDER LICENCE BY A SPECIALIST ASBESTOS CONTRACTOR.

THE ASBESTOS CONTRACTOR SHALL PHYSICALLY REMOVE THE ASBESTOS CONTAINING MATERIALS, CLEAN ALL AFFECTED EQUIPMENT AND SURFACES, AND DISPOSE OF ALL WASTE AT A LICENSED DISPOSAL FACILITY IN ACCORDANCE WITH CURRENT LEGISLATION.

THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR THE SAFE ISOLATION, DISCONNECTION, PROTECTION, RECONNECTION, TESTING AND COMMISSIONING OF ALL ELECTRICAL SERVICES AFFECTED BY THE ASBESTOS REMOVAL WORKS.

EXISTING FIRE ALARM DEVICES, CABLING, CONTAINMENT AND ASSOCIATED ELECTRICAL SERVICES REMOVED AS PART OF THE WORKS SHALL BE REPLACED AND REINSTATED AS DETAILED ON THE CONTRACT DRAWINGS.

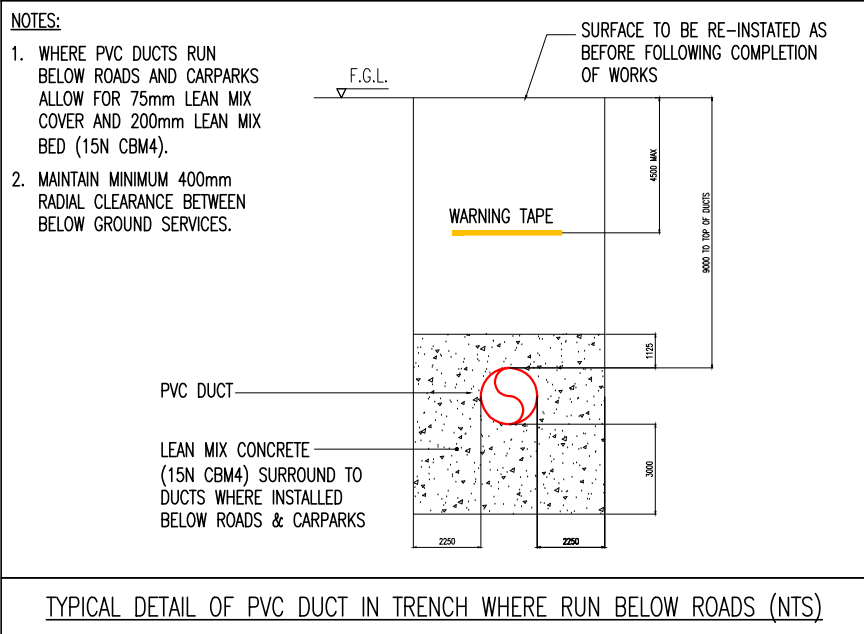
WHERE CEILINGS ARE REMOVED, ALL CABLING SHALL BE PROVIDED WITH INDEPENDENT SUPPORTS FIXED TO THE BUILDING STRUCTURE. CABLING SHALL NOT BE SUPPORTED FROM THE CEILING GRID.

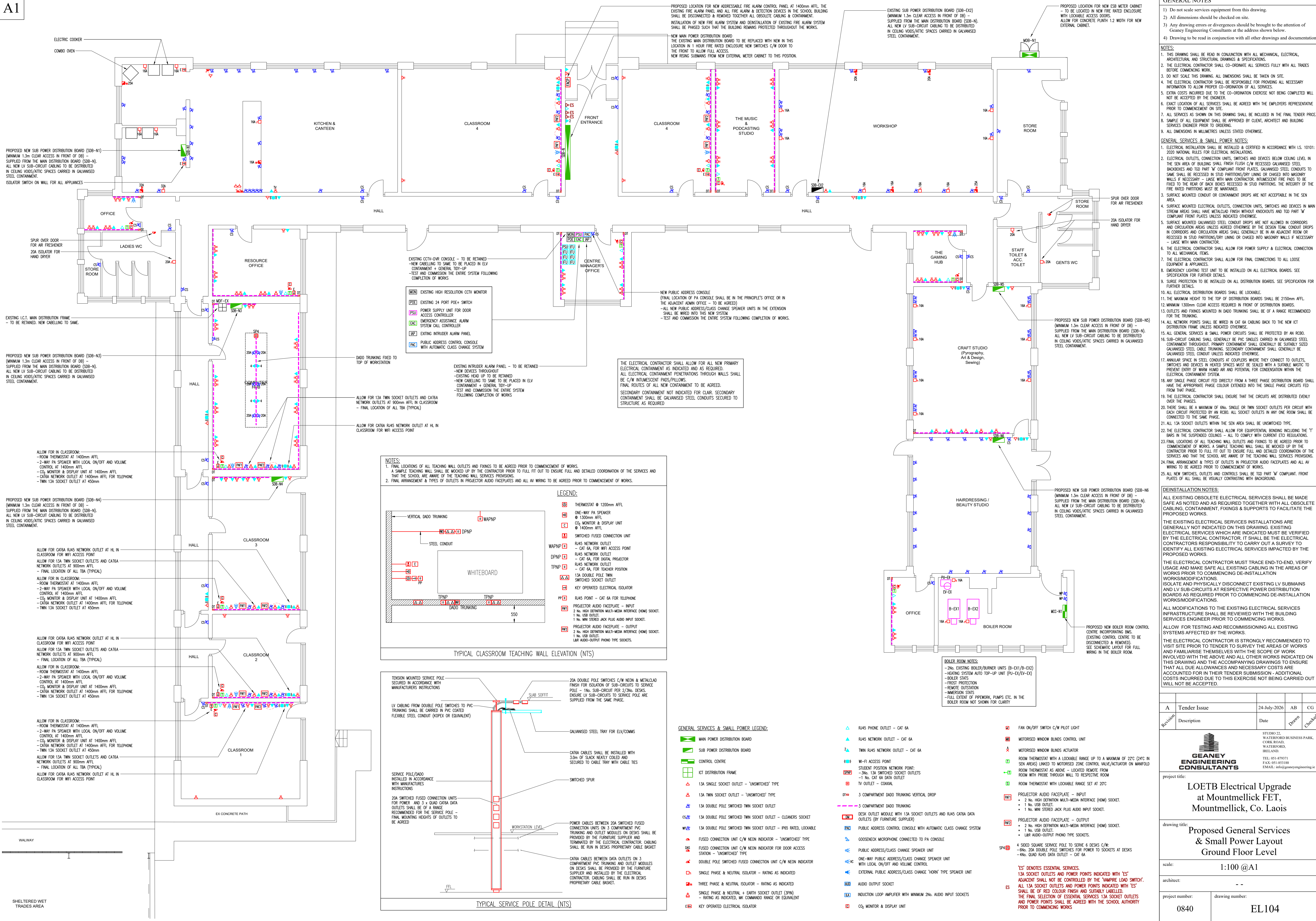
WHERE EXISTING ROOF TILES CONTAIN ASBESTOS, ONLY APPROVED NON-PENETRATIVE FIXING METHODS SHALL BE USED. ROOF SURFACES SHALL BE PREPARED ONLY BY A LICENSED ASBESTOS CONTRACTOR.

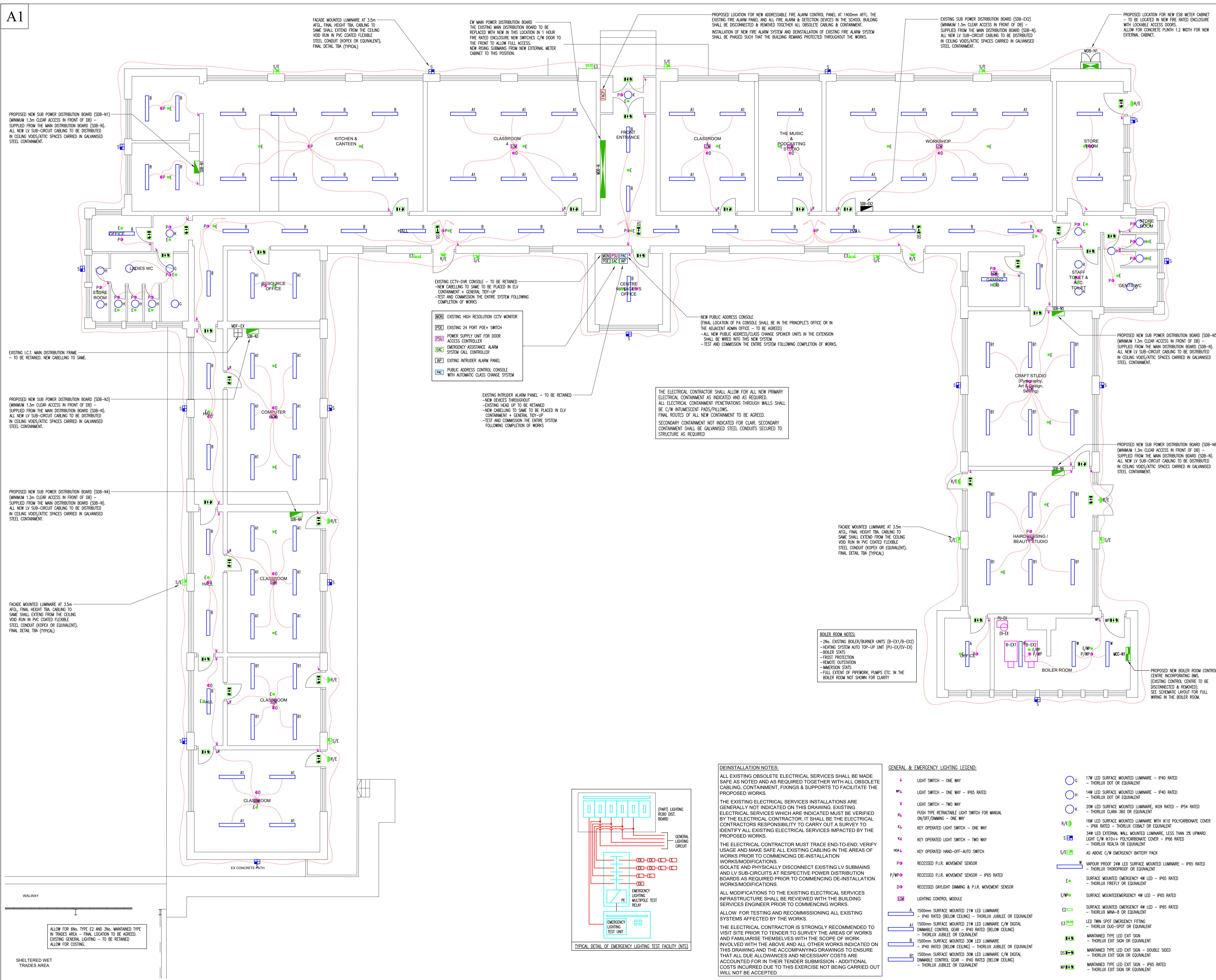
ALL WORKS SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE SAFETY, HEALTH AND WELFARE AT WORK (EXPOSURE TO ASBESTOS) REGULATIONS, THE SAFETY, HEALTH AND WELFARE AT WORK ACT, AND ALL CURRENT CODES OF PRACTICE AND HSA GUIDANCE APPLICABLE AT THE TIME OF CONSTRUCTION.

NO ADDITIONAL PAYMENT SHALL BE MADE FOR FAILURE TO REVIEW THE AVAILABLE ASBESTOS SURVEY AND ASBESTOS REGISTER PRIOR TO COMMENCEMENT OF THE WORKS.

THE CONTRACTOR SHALL INCLUDE FOR ALL NECESSARY TEMPORARY ISOLATIONS, PROTECTION, REINSTATEMENT, TESTING AND COMMISSIONING ARISING FROM THE ASBESTOS REMOVAL WORKS.







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NOTES:

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- DO NOT SCALE THIS DRAWING. ALL DIMENSIONS SHALL BE TAKEN ON SITE.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION TO ALLOW PROPER AND SAFE INSTALLATION OF ALL SERVICES.
- EXTRA COSTS INCURRED DUE TO THE CO-ORDINATION EXERCISE NOT BEING COMPLETED WILL NOT BE ACCEPTED BY THE ENGINEER.
- EXACT LOCATION OF ALL SERVICES SHALL BE AGREED WITH THE EMPLOYERS REPRESENTATIVE PRIOR TO COMMENCEMENT ON SITE.
- ALL SERVICES AS SHOWN ON THIS DRAWING SHALL BE INCLUDED IN THE FINAL TENDER PRICE.
- SAMPLE OF ALL EQUIPMENT SHALL BE APPROVED BY CLIENT, ARCHITECT AND BUILDING SERVICES ENGINEER PRIOR TO ORDERING.
- ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.

GENERAL LIGHTING NOTES

- THE ELECTRICAL INSTALLATION SHALL BE INSTALLED & CERTIFIED IN ACCORDANCE WITH I.S. 10101-2020 NATIONAL RULES FOR ELECTRICAL INSTALLATIONS.
1. ALL LIGHTS IN THE SEN AREA OF EXTENSION SHALL FINISH FLUSH OR RECESSED INTO THE WALL OR CEILING. ALL LIGHTS SHALL BE PLUG COMPLAINT FREE UNLESS OTHERWISE SPECIFIED.
2. SURFACE MOUNTED LIGHT SWITCHES IN MAIN STREAM AREAS SHALL HAVE METALCLAD FINISH WITHOUT KNOBHEADS AND TOPS MUST BE PLUG COMPLAINT FREE UNLESS OTHERWISE SPECIFIED OTHERWISE.
3. SURFACE MOUNTED GUANVANO STEEL COUPLIT DROPS ARE NOT ALLOWED IN CORRIDORS AND CLASSROOMS UNLESS COVERED BY THE DESIGN TEAM. COUPLIT DROPS IN CORRIDORS AND CIRCULATION AREAS SHALL GENERALLY BE IN AN ADJACENT ROOM OR RECESSED IN STUDY PARTITIONING/ LUNING OR RECESSED INTO MASONRY WALLS IF NECESSARY. LUNING SHALL BE PLUG COMPLAINT FREE UNLESS OTHERWISE SPECIFIED.
4. ALL LIGHTING LAYOUTS IN ROOMS SHALL BE REVIEWED ON SITE WITH EMPLOYERS REPRESENTATIVE PRIOR TO INSTALLATION.
5. THE CONTRACTOR SHALL ALLOW FOR COMMISSIONING THE LIGHTING FIXTURES WITH THE LIGHTING CONTRACTOR. PER SPECIFIED MIN. LUX LEVELS AND LIGHTING CONTROLS STRATEGIES AS INDICATED IN THE SPECIFICATIONS.
6. SEPARATE 1.5mm² CPC'S TO BE PROVIDED WITH EACH LIGHTING CIRCUIT.
7. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR SUPPLYING AND INSTALLING 2-CORE LOW VOLTAGE CABLES BETWEEN LIGHT FITTINGS ON THE SAME LIGHTING CIRCUIT FOR LIGHTING CIRCUIT TRUNKING.
8. LIGHTING CONTROLS IN SEN AREA OF EXTENSION SHALL BE BY MANUAL SWITCHING UNLESS INDICATED OTHERWISE.
1. LIGHTING CONTROLS IN MAIN STREAM TRANSFER SPACES AND OFFICE SHALL HAVE 1.5mm² CPC'S TO BE PROVIDED. ALL LIGHTING ARRANGEMENTS IN PLUG TYPE RECESSED LIGHT SWITCHES AND WALL SHALL HAVE LIGHTING CONTROLS AND PROTECT CONTACT TO TURN OFF THE LIGHTS WHEN DAYLIGHT LEVELS ARE ADEQUATE. DAYLIGHT SENSING TO LOG THE LIGHTS AS BEING "OFF" IN RESPONSE TO THE CHANGES IN DAYLIGHT LEVELS AND ABSENCE DETECTION TO TURN OFF LIGHTS WHEN ROOMS ARE UNOCCUPIED.
2. LIGHTING IN CORRIDORS OF MAIN STREAM AREA OF SCHOOL SHALL BE CONTROLLED BY DAYLIGHT DIMMING & F.L.R. MOVEMENT SENSORS WITH AREAS ZONED TO TAKE ACCOUNT OF AREAS OF HIGH TRAFFIC. ALL LIGHTING CONTROLS SHALL BE PLUG COMPLAINT FREE UNLESS OTHERWISE SPECIFIED AT EACH END OF RESPECTIVE CIRCUIT.
3. ALLOW FOR FURNISHING MESH CABLES TO EXTERNAL LIGHT FITTINGS. ALL SHALL BE SUPPLIED BY THE CONTRACTOR.
3. FACADE MOUNTED LIGHTING CIRCUITS ARE TO BE CONTROLLED BY PHOTOCELL, TIME CLOCK AND KEY OPERATED HAND-ON/AUTOMATIC.
4. THE SECURITY SYSTEM SHALL BE LINKED TO THE FACADE MOUNTED LIGHTING. ACTIVATION OF THE FACADE SHALL SWITCH ON EXTERNAL LIGHTS IN BUILDING FACADE DURING HOURS OF DARKNESS.
5. LIGHT FITTINGS IN CLASSROOMS SHALL BE INSTALLED PERPENDICULAR TO TEACHING WALL.
6. THE LIGHTING INSTALLATION IS NOT TO BE USED FOR WORKING LIGHTING DURING THE DAY.
7. PROTECTIVE COATING IS TO REMAIN ON ALL LUMINAIRES UNTIL IMMEDIATELY PRIOR TO HAND OVER.
8. ALL CIRCUITS SHALL BE PROTECTED BY AN RBO.
9. SAG-CIRCUIT CABLEING SHALL GENERALLY BE PVC SINGLE CORED IN GUANVANO STEEL COUPLIT DROPS. PROTECTIVE COATING SHALL BE PROVIDED ON THE COUPLIT DROPS. GUANVANO STEEL COUPLIT TRUNKING. SINGLE CORED CABLES SHALL GENERALLY BE GUANVANO STEEL COUPLITS UNLESS INDICATED OTHERWISE.
10. WARMING PLATES, SWITCHES AND COUPLERS SHALL BE CONNECTED TO OUTLETS, SWITCHES AND HEATED SPACES SHALL BE SEALED WITH A SUITABLE MASTIC TO PREVENT ENTRY OF WARM HUMID AIR AND POTENTIAL FOR CONDENSATION WITHIN THE EXISTING BUILDING SYSTEMS.
11. THERE SHALL BE A MAXIMUM OF 10m² FITTINGS PER CIRCUIT PROTECTED BY AN RBO.
12. AFR SINGLE PHASE FEED DIRECTLY FROM A THREE PHASE DISTRIBUTION BOARD SHALL HAVE THE APPROPRIATE PHASE COLOUR EXTENDED INTO THE SINGLE PHASE CIRCUITS FEED.
13. WHERE WIRING OF MORE THAN ONE PHASE ENTERS A SWITCH BOX, VERTICAL BARBERS SHALL BE PROVIDED BETWEEN PHASES AND RED WIRING PLATES INDICATED "DANGER 380VOLT" SHALL BE PROVIDED ON THE WIRING PLATES AND FIXED TO THE SWITCHES.
14. ALL NEW LIGHT SWITCHES SHALL BE TO PART "M" COMPLAINT. PLUG PLATES OF ALL SHALL BE VISUALLY CONSISTENT WITH BACKGROUND.

EMERGENCY LIGHTING NOTES:

1. EMERGENCY LIGHTING SHALL COMPLY WITH I.S. 3217:2013 + A1: 2017 (NEW WORKS).
2. FINAL LOCATIONS OF EMERGENCY LIGHTING TO COMPLY WITH FIRST FIRE CERTIFICATE.
3. EMERGENCY LIGHTING TO BE CO-ORDINATED WITH SAFETY SIGNS AND FIRST AID WHICH ARE SUBJECT TO STATUTORY REQUIREMENT.
4. HANDOVER DRAWINGS AND DOCUMENTS SHALL BE PRODUCED IN ACCORDANCE WITH CLAUSES 6.1, 6.2 AND 6.3 IF U.S. EN 50172.
5. EMERGENCY LIGHTING TEST UNIT TO BE INSTALLED ON ALL ELECTRICAL BOARDS. SEE SPECIFICATION FOR FURTHER DETAILS.
6. ALL EMERGENCY LIGHT FITTINGS, EXIT SIGNS ETC. SHALL BE WIRED VIA INTERFACE UNITS AND CONTROLLED BY CENTRAL FIRE ALARM SYSTEM IN ACCORDANCE U.S.
7. THE ELECTRICAL CONTRACTOR SHALL ENSURE THE EMERGENCY LIGHTING INSTALLATION PROMOTES THE REQUIRED LUX LEVELS AT POINTS OF EMPHASIS IN ACCORDANCE WITH I.S. 3217:2013 + A1: 2017.

A	Tender Issue	24-July-2026	AB	CG
Revision	Description	Date	Drawn	Checked



project title:

LOETB Electrical Upgrade at Mountmellick FET, Mountmellick, Co. Laois

drawing title: _____

Proposed General & Emergency Lighting Layout Ground Floor Level

scale: 1:100 @A1

architect:

project number:	drawing number:
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0840	EL105
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- GENERAL NOTES
- 1) Do not scale services equipment from this drawing.

2) All dimensions should be checked on site.

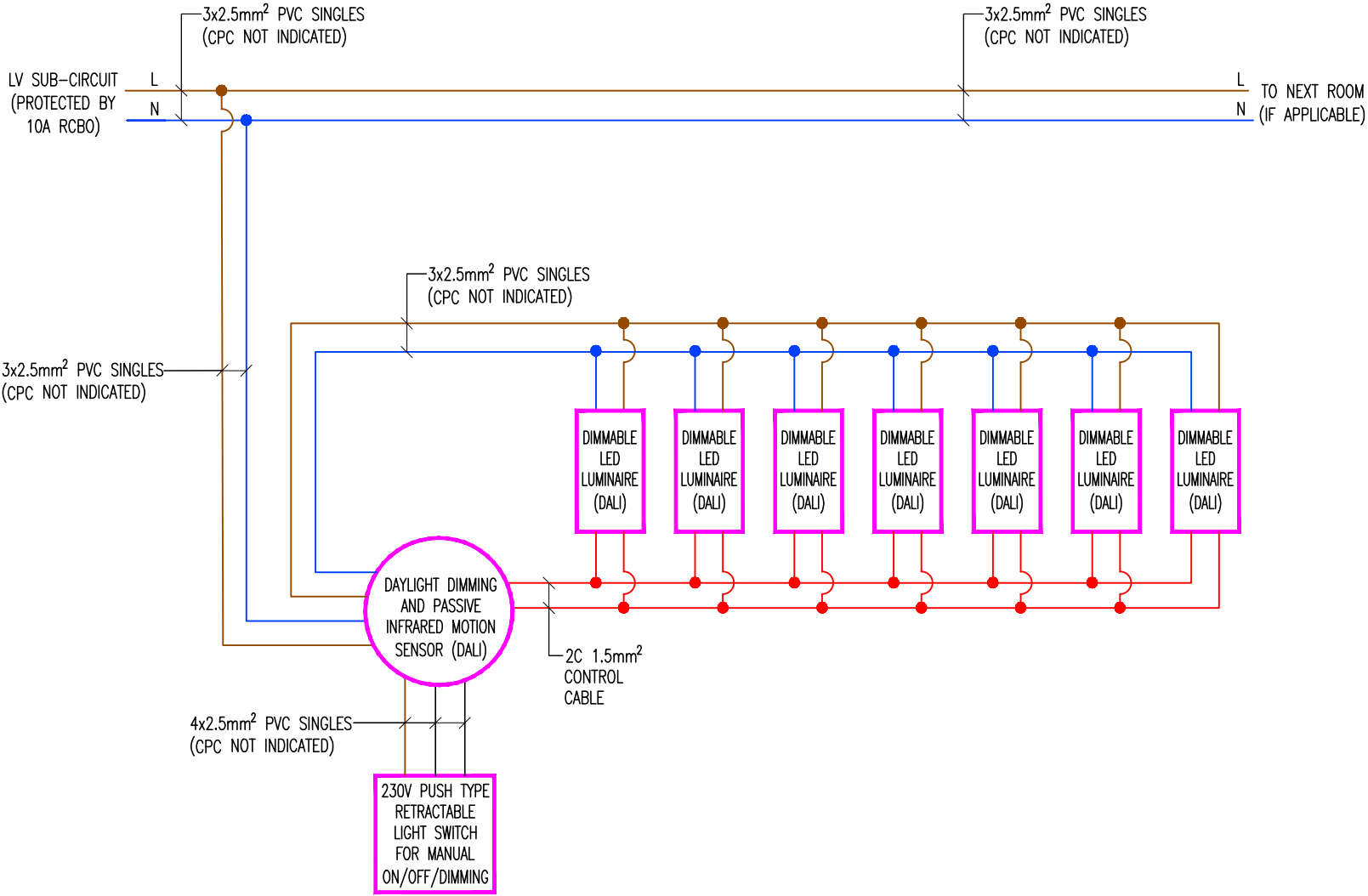
3) Any drawing errors or divergences should be brought to the attention of Geaney Engineering Consultants at the address shown below.

4) Drawing to be read in conjunction with all other drawings and documentation.

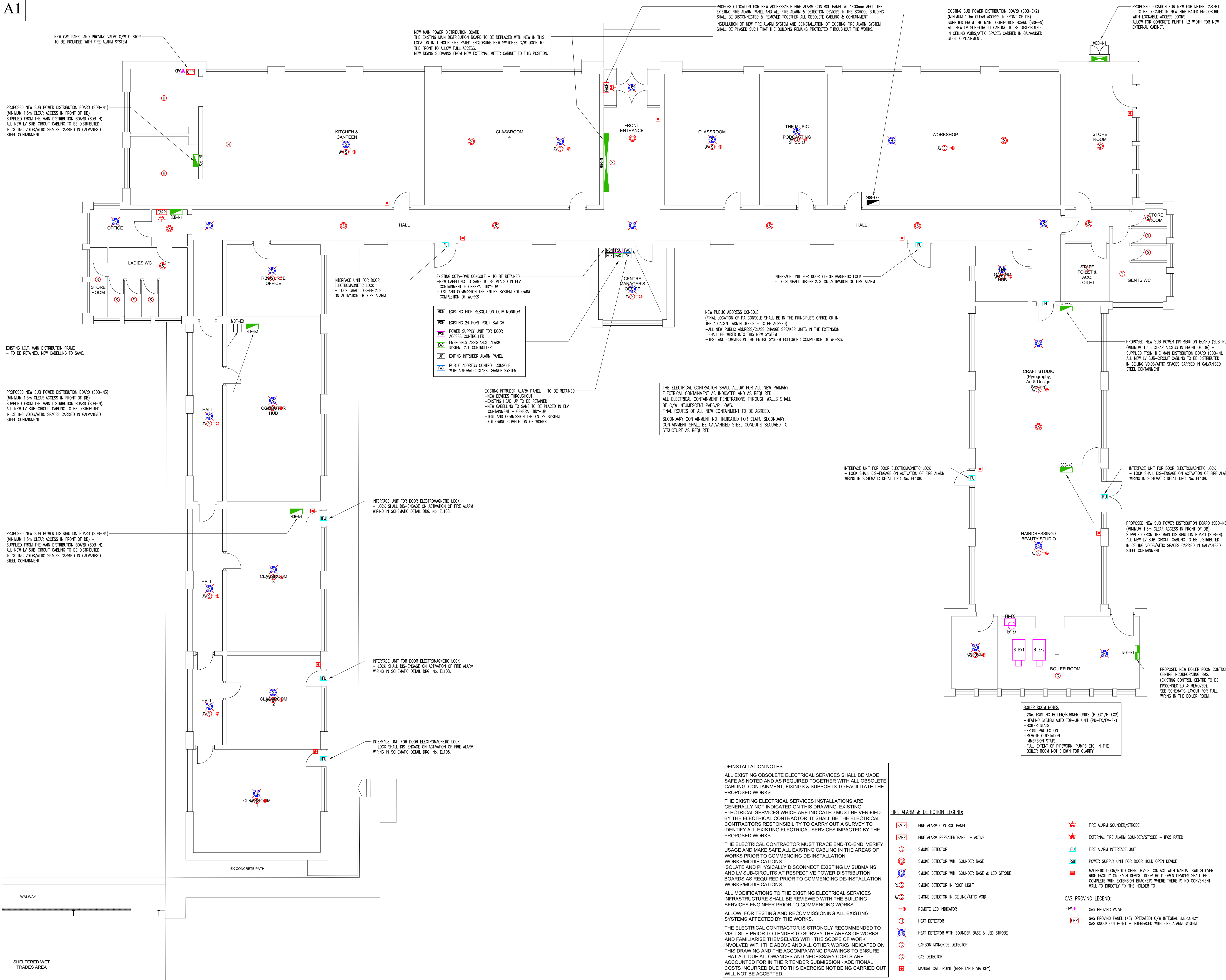
- NOTES:
1. WIRING SHALL BE IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS & REQUIREMENTS. MANUFACTURERS WIRING DIAGRAM SHALL BE OBTAINED PRIOR TO COMMENCING WORKS.

2. CPC NOT INDICATED FOR CLARITY.

3. LIGHTING CONTROLS IN MAIN STREAM TEACHING SPACES AND OFFICES SHALL HAVE 'ON/OFF/DIMMING' MANUAL SWITCHING ARRANGEMENTS VIA PUSH TYPE RETRACTABLE LIGHT SWITCHES AND SHALL HAVE LIGHTING CONTROLS BASED ON PHOTOCELL CONTROL TO TURN OFF THE LIGHTS WHEN DAYLIGHT LEVELS ARE ADEQUATE, DAYLIGHT SENSING TO DIM THE LIGHTS AS REQUIRED TO 'OFF' IN RESPONSE TO THE CHANGES IN DAYLIGHT LEVELS AND ABSENCE DETECTION TO TURN OFF LIGHTS WHEN ROOMS ARE UNOCCUPIED.



					GEANEY ENGINEERING CONSULTANTS STUDIO 22, WATERFORD BUSINESS PARK, CORK ROAD, WATERFORD, IRELAND. TEL: 051-879371 FAX: 051-853188 EMAIL: info@geaneyengineering.ie	project title: LOETB Electrical Upgrade at Mountmellick FET, Mountmellick, Co. Laois		drawing title: Typical Schematic Wiring Detail for Luminaries With DALI Control		
A	Tender Issue	24-July-2026	AB	CG		architect: - -		scale: 1:100 @A1	project number: 0840	drawing number: EL106
Rev	Description	Date	Drawn	Checked						



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- 4) Drawing to be read in conjunction with all other drawings and documentation.

NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL DRAWINGS & SPECIFICATIONS.
2. THE ELECTRICAL CONTRACTOR SHALL CO-ORDINATE ALL SERVICES FULLY WITH ALL TRADES BEFORE COMMENCING WORK.
3. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS SHALL BE TAKEN ON SITE.
4. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION TO ALLOW PROPER CO-ORDINATION OF ALL SERVICES.
5. EXTRA COSTS INCURRED DUE TO THE CO-ORDINATION EXERCISE NOT BEING COMPLETED WILL NOT BE ACCEPTED BY THE ENGINEER.
6. EXACT LOCATION OF ALL SERVICES SHALL BE AGREED WITH THE EMPLOYER'S REPRESENTATIVE PRIOR TO COMMENCEMENT ON SITE.
7. ALL SERVICES AS SHOWN ON THIS DRAWING SHALL BE INCLUDED IN THE FINAL TENDER PRICE.
8. SAMPLE OF ALL EQUIPMENT SHALL BE APPROVED BY CLIENT, ARCHITECT AND BUILDING SERVICES ENGINEER PRIOR TO ORDERING.
9. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.

FIRE ALARM & DETECTION NOTES:

1. THE FIRE ALARM SYSTEM SHALL COMPLY WITH I.S. 3218:2024.
2. ALL FIRE ALARM & DETECTION SERVICES INDICATED & NOTED ON THIS DRAWING ARE PART OF THE NEW INSTALLATION UNLESS INDICATED OTHERWISE.
3. ALL EQUIPMENT REQUIRED TO PROVIDE A COMPLETE AND WORKING FIRE ALARM SYSTEM AS INDICATED ON THE DRAWINGS IS TO BE SUPPLIED, INSTALLED AND COMMISSIONED UNDER THIS CONTRACT.
4. FIRE ALARM & DETECTION CABLEING SHALL BE ENHANCED GRADE 120 AS STATED IN BS5839-1.
5. PRIMARY CONTAINMENT FOR FIRE ALARM & DETECTION CABLEING SHALL BE DEDICATED GALVANISED STEEL CABLE TRAY, CABLEING FROM PRIMARY CONTAINMENT TO INDIVIDUAL DEVICES (<2.0m) SHALL BE CLIPPED TO STRUCTURE WITH P-CLIPS RATED TO WITHSTAND A SIMILAR TEMPERATURE AND DURATION TO THAT OF THE CABLEING (ENHANCED GRADE 120). THE MAXIMUM LENGTH OF CABLEING TO BE RUN WITHOUT CABLE TRAY SHALL BE 2.0m. VERTICAL DROPS TO WALL MOUNTED DEVICES SHALL BE CARRIED IN 250 GALVANISED STEEL CONDUITS.
6. MANUAL CALL POINTS SHALL BE SEMI-RECESSED C/W RECESSED GALVANISED STEEL BACKBOXES UNLESS AGREED OTHERWISE BY THE DESIGN TEAM, GALVANISED STEEL CONDUITS TO SAME SHALL BE RECESSED IN STUD PARTITIONS/DOOR LINING OR CHASED INTO MASONRY WALLS IF NECESSARY - LAISE WITH MAIN CONTRACTOR. INTUMESCENT FIRE PADS TO BE FIXED TO THE REAR OF BACK BOXES RECESSED IN STUD PARTITIONS. THE INTEGRITY OF THE FIRE RATED PARTITIONS MUST BE MAINTAINED.
7. MANUAL CALL POINTS SHALL BE INSTALLED AT 1200mm A.F.F.L. AND SHALL BE LOCATED IN EASILY ACCESSIBLE, WELL ILLUMINATED AND CONSPICUOUS POSITIONS THAT ARE FREE FROM OBSTRUCTION.
8. SURFACE MOUNTED GALVANISED STEEL CONDUIT DROPS ARE NOT ALLOWED IN CORRIDORS AND CIRCULATION AREAS UNLESS AGREED OTHERWISE BY THE DESIGN TEAM. CONDUIT DROPS IN MAINSTREAM CORRIDORS AND CIRCULATION AREAS SHALL GENERALLY BE IN AN ADJACENT ROOM OR RECESSED IN STUD PARTITIONS/DOOR LINING OR CHASED INTO MASONRY WALLS IF NECESSARY - LAISE WITH MAIN CONTRACTOR.
9. ALL FIRE ALARM AUDIBLE SOUNDER DEVICES SHOULD HAVE A SIMILAR SOUND AND SHALL BE DISTINCT FROM ANY OTHER AUDIBLE ALARMS.
10. FIRE ALARM DETECTORS TO BE C/W CONDUIT INDICATING LIGHT.
11. INTERFACE UNIT POSITIONS SHOWN ARE INDICATED TO INDICATE EQUIPMENT TO BE INTERFACED. GENERALLY INTERFACE UNITS SHALL BE LOCATED IN ELECTRICAL SWITCHROOMS OR IN OTHER AGREED LOCATIONS.
12. DOOR HOLD DEVICES SHALL BE LINKED TO THE FIRE ALARM SYSTEM TO RELEASE AUTOMATICALLY IN THE EVENT OF FIRE.
13. POWER SUPPLIES TO DOOR HOLD DEVICES SHALL BE FROM A DEDICATED CIRCUIT.
14. ALLOW FOR INTERFACE UNITS TO ALL EXISTING AUDIO AND PUBLIC ADDRESS EQUIPMENT, ALL AUDIO EQUIPMENT AND PUBLIC ADDRESS EQUIPMENT SHALL SHUT OFF UPON ACTIVATION OF THE FIRE ALARM.
15. ALLOW FOR INTERFACE UNITS FOR ALL EXISTING DOOR ACCESS CONTROLLERS, DOOR LOCKS SHALL DE-ENERGISE UPON ACTIVATION OF THE FIRE ALARM.
16. ALL CEILING VOIDS IN DEFINED ESCAPE ROUTES AND ALL VOIDS >800mm REQUIRE SMOKE DETECTION DEVICES. THE EXISTING CEILING VOIDS MAY BE SUBORDINATED BY - THE ELECTRICAL CONTRACTOR SHALL ENSURE THAT ALL VOIDS ARE PROTECTED IN ACCORDANCE WITH I.S. 3218:2024.
17. ALLOW FOR REWIRING ALL EXISTING M&E INSTALLATIONS WHICH ARE TO BE INTERFACED WITH THE NEW FIRE ALARM & DETECTION SYSTEM AS REQUIRED AND ALLOW FOR RECOMMISSIONING FOLLOWING COMPLETION OF WORKS.
18. THE ELECTRICAL CONTRACTOR SHALL ENSURE THAT ALL SMOKE DETECTORS IN ACCESSIBLE WCS ARE C/W SOUNDER AND LED STORE BASE.
19. THE ELECTRICAL CONTRACTOR SHALL ENSURE THAT THE NEW FIRE ALARM & DETECTION INSTALLATION COMPLIES WITH I.S. 3218:2024. TO THIS END THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR SUPPLYING & INSTALLING:
 - 2No. MANUAL CALL POINTS IN ADDITION TO DEVICES ALREADY SHOWN ON THE LAYOUTS, FINAL LOCATIONS OF ALL TO BE DETERMINED
 - 10No. SMOKE DETECTORS COMBINED WITH SOUNDER BASES IN ADDITION TO DEVICES ALREADY SHOWN ON THE LAYOUTS, FINAL LOCATIONS OF ALL TO BE DETERMINED
 - 2No. SETS OF DOOR HOLD DEVICES FOR CORRIDOR DOUBLE DOORS C/W POWER POINTS, POWER SUPPLY UNITS AND FIRE ALARM INTERFACE UNITS IN ADDITION TO DEVICES ALREADY SHOWN ON THE LAYOUTS, FINAL LOCATIONS OF ALL TO BE DETERMINED.
20. THE ELECTRICAL CONTRACTOR SHALL ENSURE THAT:
 - MINIMUM CLEAR SPACE OF 500mm IS MAINTAINED AROUND AND BELOW EACH SMOKE DETECTOR.
 - MINIMUM CLEAR SPACE OF 1000mm IS MAINTAINED AROUND AND BELOW EACH SMOKE DETECTOR.
21. CONTRACTOR TO ALLOW FOR PRICING UP FIRE CABLE TO THE RECENTLY BUILT WET TRADES WORKSHOP AND INTERFACE, NEW FIRE ALARM SYSTEM IN THE BUILDING.

GAS SAFETY NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR ALL WIRING FOR THE GAS SAFETY SYSTEMS.
2. ALL ELECTRICAL WIRING TO GAS PANELS AND ASSOCIATED GAS EQUIPMENT SHALL BE AS RECOMMENDED BY THE MANUFACTURER'S SPECIFICATIONS - TO BE WIRED IN A SEPARATE DEDICATED CONDUIT SYSTEM.
3. MECHANICAL AND ELECTRICAL CONTRACTORS SHALL LAISE AND ARRANGE FOR INTERFACE BETWEEN GAS SAFETY INSTALLATIONS AND ELECTRICAL INSTALLATIONS.

A	Tender Issue	24-July-2026	AB	CG
Revision	Description	Date	Drawn	Checked



project title:
**LOETB Electrical Upgrade
at Mountmellick FET,
Mountmellick, Co. Laois**

drawing title:
**Proposed Fire Alarm
& Detection Layout
Ground Floor Level**

scale:
1:100 @A1

architect:
- -

project number:
0840

drawing number:
EL107

DEINSTALLATION NOTES:

ALL EXISTING OBSOLETE ELECTRICAL SERVICES SHALL BE MADE SAFE AS NOTED AND AS REQUIRED TOGETHER WITH ALL OBSOLETE CABLEING, CONTAINMENT, FIXINGS & SUPPORTS TO FACILITATE THE PROPOSED WORKS.

THE EXISTING ELECTRICAL SERVICES INSTALLATIONS ARE GENERALLY NOT INDICATED ON THIS DRAWING. EXISTING ELECTRICAL SERVICES WHICH ARE INDICATED MUST BE VERIFIED BY THE ELECTRICAL CONTRACTOR. IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO CARRY OUT A SURVEY TO IDENTIFY ALL EXISTING ELECTRICAL SERVICES IMPACTED BY THE PROPOSED WORKS.

THE ELECTRICAL CONTRACTOR MUST TRACE END-TO-END, VERIFY USAGE AND MAKE SAFE ALL EXISTING CABLEING IN THE AREAS OF WORKS PRIOR TO COMMENCING DE-INSTALLATION WORKS/MODIFICATIONS.

ISOLATE AND PHYSICALLY DISCONNECT EXISTING LV SUBMAINS AND LV SUB-CIRCUITS AT RESPECTIVE POWER DISTRIBUTION BOARDS AS REQUIRED PRIOR TO COMMENCING DE-INSTALLATION WORKS/MODIFICATIONS.

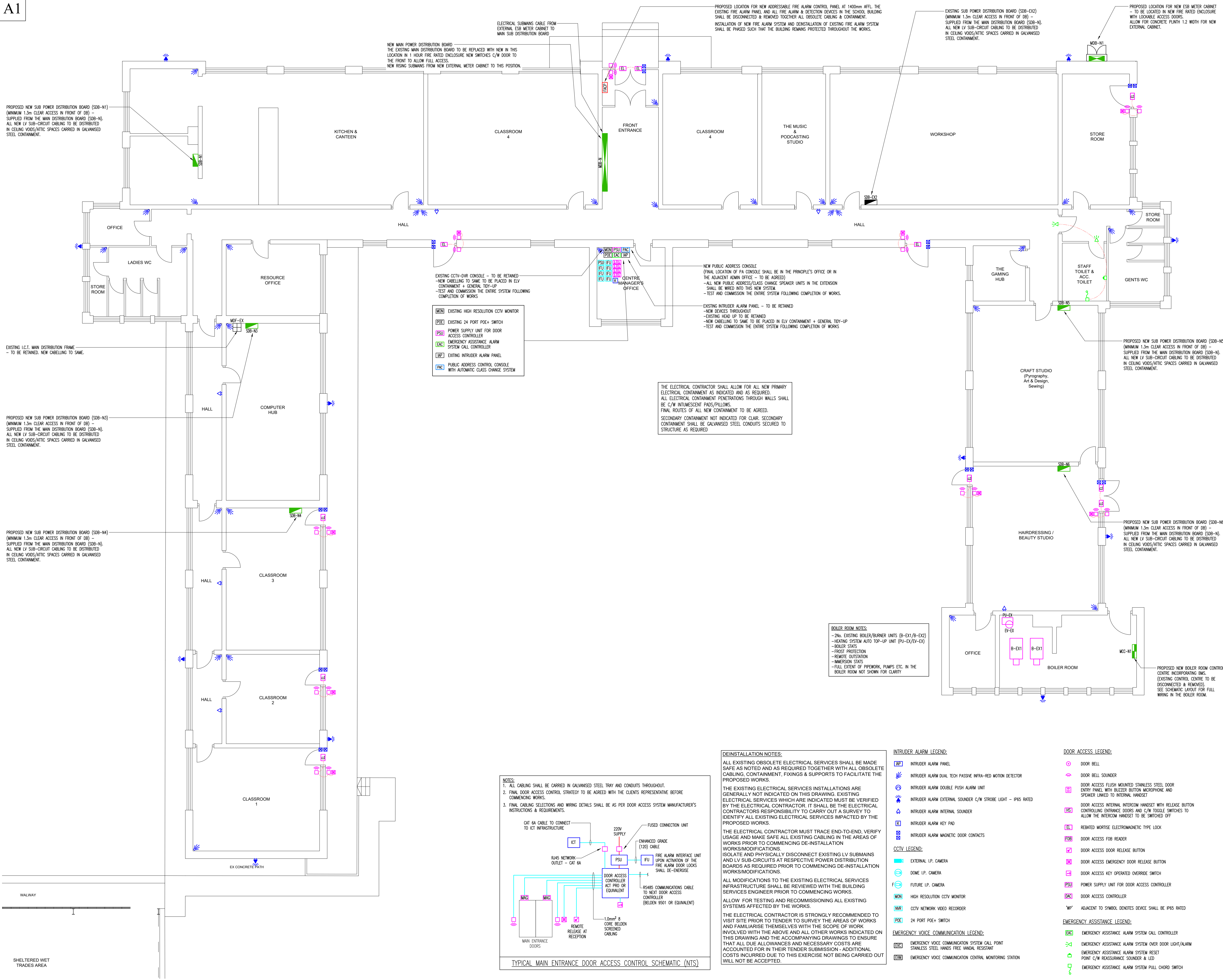
ALL MODIFICATIONS TO THE EXISTING ELECTRICAL SERVICES INFRASTRUCTURE SHALL BE REVIEWED WITH THE BUILDING SERVICES ENGINEER PRIOR TO COMMENCING WORKS.

ALLOW FOR TESTING AND RECOMMISSIONING ALL EXISTING SYSTEMS AFFECTED BY THE WORKS.

THE ELECTRICAL CONTRACTOR IS STRONGLY RECOMMENDED TO VISIT SITE PRIOR TO TENDER TO SURVEY THE AREAS OF WORKS AND FAMILIARISE THEMSELVES WITH THE SCOPE OF WORK INVOLVED WITH THE ABOVE AND ALL OTHER WORKS INDICATED ON THIS DRAWING AND THE ACCOMPANYING DRAWINGS TO ENSURE THAT ALL DUE ALLOWANCES AND NECESSARY COSTS ARE ACCOUNTED FOR IN THEIR TENDER SUBMISSION - ADDITIONAL COSTS INCURRED DUE TO THIS EXERCISE NOT BEING CARRIED OUT WILL NOT BE ACCEPTED.

FIRE ALARM & DETECTION LEGEND:

	FIRE ALARM CONTROL PANEL		FIRE ALARM SOUNDER/SSTROBE
	FIRE ALARM REPEATER PANEL - ACTIVE		EXTERNAL FIRE ALARM SOUNDER/SSTROBE - IP65 RATED
	SMOKE DETECTOR		FIRE ALARM INTERFACE UNIT
	SMOKE DETECTOR WITH SOUNDER BASE		POWER SUPPLY UNIT FOR DOOR HOLD OPEN DEVICE
	SMOKE DETECTOR WITH SOUNDER BASE & LED STROBE		MAGNETIC DOOR/HOLD OPEN DEVICE CONTACT WITH MANUAL SWITCH OVER RIDE FACILITY ON EACH DEVICE. DOOR HOLD OPEN DEVICES SHALL BE COMPLETE WITH EXTENSION BRACKETS WHERE THERE IS NO CONVENIENT WALL TO DIRECTLY FIX THE HOLDER TO
	SMOKE DETECTOR IN ROOF LIGHT		GAS PROVING LEGEND:
	SMOKE DETECTOR IN CEILING/ATTIC VOID		GAS PROVING VALVE
	REMOTE LED INDICATOR		GAS PROVING PANEL (KEY OPERATED) C/W INTEGRAL EMERGENCY GAS KNOCK OUT POINT - INTERFACED WITH FIRE ALARM SYSTEM
	HEAT DETECTOR		
	HEAT DETECTOR WITH SOUNDER BASE & LED STROBE		
	CARBON MONOXIDE DETECTOR		
	GAS DETECTOR		
	MANUAL CALL POINT (RESETTABLE VIA KEY)		



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4. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION TO ALLOW PROPER CO-ORDINATION OF ALL SERVICES.
5. EXTRA COSTS INCURRED DUE TO THE CO-ORDINATION EXERCISE NOT BEING COMPLETED WILL NOT BE ACCEPTED BY THE ENGINEER.
6. EXACT LOCATION OF ALL SERVICES SHALL BE AGREED WITH THE EMPLOYERS REPRESENTATIVE PRIOR TO COMMENCEMENT ON SITE.
7. ALL SERVICES AS SHOWN ON THIS DRAWING SHALL BE INCLUDED IN THE FINAL TENDER PRICE.
8. SAMPLE OF ALL EQUIPMENT SHALL BE APPROVED BY CLIENT, ARCHITECT AND BUILDING SERVICES ENGINEER PRIOR TO ORDERING.
9. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.

INTRUDER ALARM NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL INSTALL AND COMMISSION A FULLY MONITORED INTRUDER ALARM SYSTEM.
2. THE INTRUDER ALARM (AND FIRE ALARM) SHALL BE CONNECTED TO A REMOTE 24-HOUR MONITORING STATION.
3. ACTIVATION OF INTRUDER ALARM SHALL ACTIVATE EXTERNAL LIGHTS ON BUILDING FACADE DURING HOURS OF DARKNESS - CONTRACTORS SHALL BE MADE AVAILABLE FOR SWITCHING OF SAME. WIRING OF CONTRACTORS TO LIGHTING BOARD BY THE ELECTRICAL CONTRACTOR.
4. ALLOW FOR FITTING GALVANIZED STEEL MESH CAGES TO ALL EXTERNAL INTRUDER ALARM SOUNDERS. ALL TO BE SUPPLIED AND FITTED BY THE ELECTRICAL CONTRACTOR.
5. ALL SURFACE MOUNTED INTRUDER ALARM CABLEING SHALL BE CONCEALED IN PLASTIC TRUNKING, LOW VOLTAGE COMPARTMENTS OR ATTACHED TO CABLE TRAY.
6. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR INTRUDER ALARM EXPANDER UNITS AS REQUIRED.
7. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR POWER SUPPLIES & ELECTRICAL CONNECTIONS TO ALL INTRUDER ALARM DEVICES IDENTIFIED.
8. INTRUDER ALARM KEYPAD SHALL FINISH FLUSH C/W RECESSED GALVANIZED STEEL BACKBOX, GALVANIZED STEEL CONDUITS TO SAME SHALL BE RECESSED IN STUD PARTITIONS/DRY LINING OR CHASED INTO MASONRY WALLS IF NECESSARY - LAUSE WITH MAIN CONTRACTOR. INTUMESCENT FIRE PADS TO BE FIXED TO THE REAR OF BACK BOXES RECESSED IN STUD PARTITIONS. THE INTEGRITY OF THE FIRE RATED PARTITIONS MUST BE MAINTAINED.

CCTV NOTES:

1. FINAL LOCATION OF ALL CCTV CAMERAS AND EQUIPMENT TO BE REVIEWED WITH CLIENT PRIOR TO INSTALLATION.
2. INCLUDE FOR POWER SUPPLIES AND ELECTRICAL WIRING TO ALL NEW CCTV EQUIPMENT AS SHOWN ON THE DRAWINGS AND DETAIL IN THE SPECIFICATIONS.
3. EXTERNAL CCTV CAMERAS SHALL COME WITH BUILT-IN HEATER AND THERMOSTAT AND SHALL BE PLACED AT HIGH LEVEL, COVERED BY GALVANIZED STEEL CAGES. CAGES TO BE CUT WHEN CAMERAS ARE FOCUSED. CAGES TO BE SUPPLIED AND FITTED BY THE ELECTRICAL CONTRACTOR.
4. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR CAT6A CABLEING FROM EACH CCTV CAMERA BACK TO THE NVR/ADJACENT MOST POE+ SWITCH.

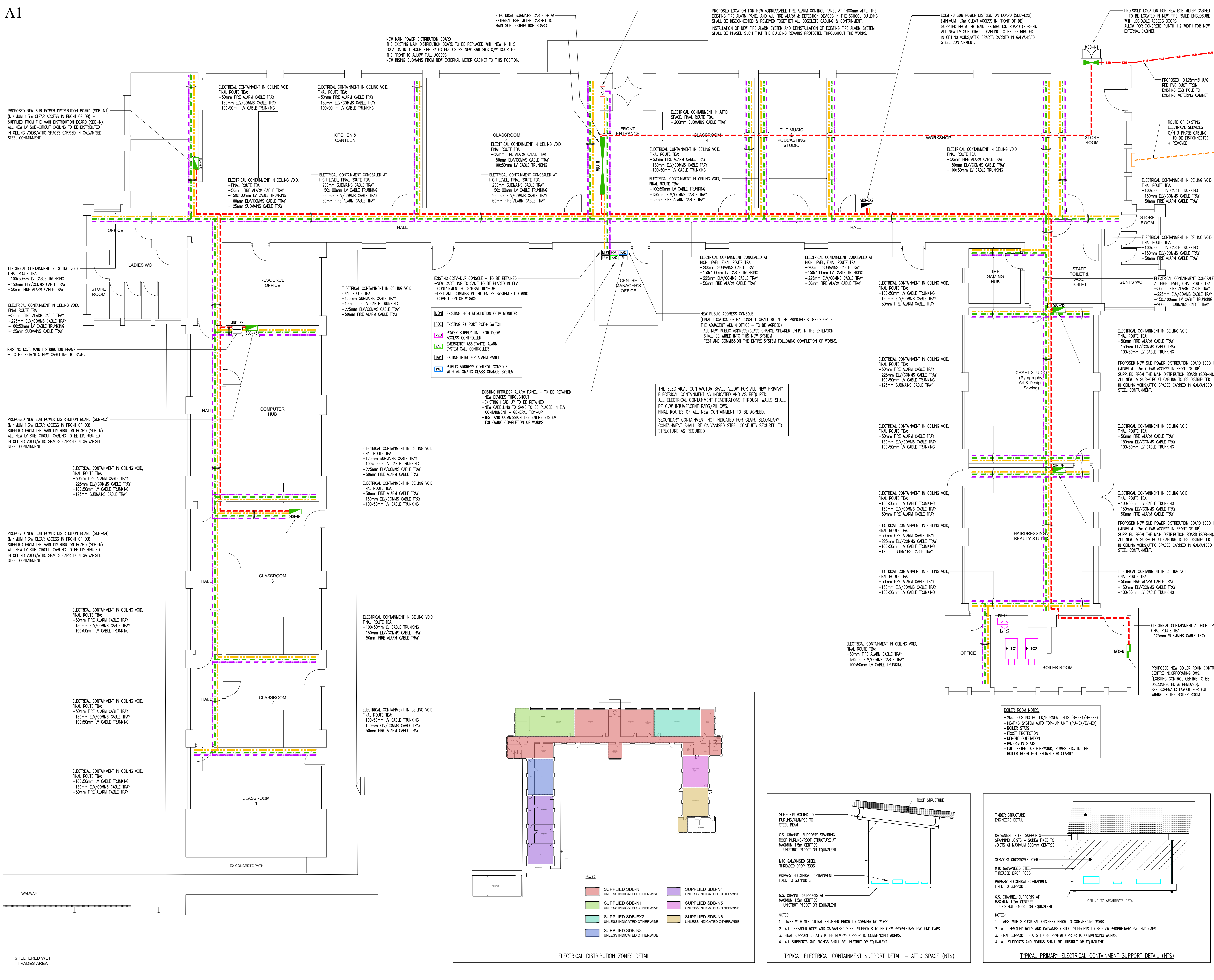
DOOR ACCESS NOTES:

1. WALL MOUNTED DEVICES IN THE SEN AREA OF EXTENSION SHALL FINISH FLUSH C/W RECESSED GALVANIZED STEEL BACKBOXES AND TGO PART 'M' COMPLIANT FRONT PLATES. GALVANIZED STEEL CONDUITS TO SAME SHALL BE RECESSED IN STUD PARTITIONS/DRY LINING OR CHASED INTO MASONRY WALLS IF NECESSARY - LAUSE WITH MAIN CONTRACTOR. INTUMESCENT FIRE PADS TO BE FIXED TO THE REAR OF BACK BOXES RECESSED IN STUD PARTITIONS. THE INTEGRITY OF THE FIRE RATED PARTITIONS MUST BE MAINTAINED.
2. SURFACE MOUNTED CONDUIT OR CONTAINMENT DROPS ARE NOT ACCEPTABLE IN THE SEN AREA.
3. SURFACE MOUNTED DEVICES IN MAIN STREAM AREAS SHALL HAVE METALCLAD FINISH WITHOUT KNOCKOUTS AND TGO PART 'M' COMPLIANT FRONT PLATES UNLESS INDICATED OTHERWISE.
4. SURFACE MOUNTED GALVANIZED STEEL CONDUIT DROPS ARE NOT ALLOWED IN CORRIDORS AND CIRCULATION AREAS UNLESS AGREED OTHERWISE BY THE DESIGN TEAM. CONDUIT DROPS IN CORRIDORS AND CIRCULATION AREAS SHALL GENERALLY BE IN AN ADJACENT ROOM OR RECESSED IN STUD PARTITIONS/DRY LINING OR CHASED INTO MASONRY WALLS IF NECESSARY - LAUSE WITH MAIN CONTRACTOR.
5. BATTERY BACK-UP POWER SHALL BE PROVIDED FOR DOORS WITH ACCESS CONTROL.
6. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR POWER SUPPLIES & ELECTRICAL CONNECTIONS TO ALL DOOR ACCESS ITEMS IDENTIFIED.
7. FINAL DOOR ACCESS CONTROL STRATEGY TO BE AGREED WITH THE CLIENTS REPRESENTATIVE BEFORE COMMENCING WORKS.
8. FINAL CABLEING SELECTIONS AND WIRING DETAILS SHALL BE AS PER DOOR ACCESS SYSTEM MANUFACTURERS INSTRUCTIONS & REQUIREMENTS.

EMERGENCY VOICE COMMUNICATION NOTES:

1. ALL NEW WALL MOUNTED DEVICES SHALL FINISH FLUSH C/W RECESSED GALVANIZED STEEL BACKBOXES, GALVANIZED STEEL CONDUITS TO SAME SHALL BE RECESSED IN STUD PARTITIONS/CHASED INTO MASONRY WALLS - LAUSE WITH MAIN CONTRACTOR. INTUMESCENT FIRE PADS TO BE FIXED TO THE REAR OF BACK BOXES RECESSED IN STUD PARTITIONS - THE INTEGRITY OF THE FIRE RATED PARTITIONS MUST BE MAINTAINED.
2. NO SURFACE MOUNTED CONDUIT OR CONTAINMENT DROPS ARE ALLOWED IN CORRIDORS/ CIRCULATION SPACES. CONDUIT DROPS IN THESE AREAS SHALL GENERALLY BE IN AN ADJACENT ROOM OR RECESSED IN WALL.

A	Tender Issue	24-July-2026	AB	CG
Revision	Description	Date	Drawn	Checked
 STUDIO 22, WATERFORD BUSINESS PARK, CORK ROAD, WATERFORD, IRELAND. TEL: 051-879271 FAX: 051-853188 EMAIL: info@geaneyengineering.ie				
project title: LOETB Electrical Upgrade at Mountmellick FET, Mountmellick, Co. Laois				
drawing title: Proposed Access Control Layout Ground Floor Level				
scale: 1:100 @A1				
architect: --				
project number: 0840		drawing number: EL108		



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- THE ELECTRICAL CONTRACTOR SHALL CO-ORDINATE ALL SERVICES FULLY WITH ALL TRADES BEFORE COMMENCING WORK.
- DO NOT SCALE THIS DRAWING. ALL DIMENSIONS SHALL BE TAKEN ON SITE.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION TO ALLOW PROPER CO-ORDINATION OF ALL SERVICES.
- EXTRA COSTS INCURRED DUE TO CO-ORDINATION ERROR NOT BEING COMPLETED WILL NOT BE ACCEPTED BY THE ENGINEER.
- EXACT LOCATION OF ALL SERVICES SHALL BE AGREED WITH THE EMPLOYERS REPRESENTATIVE PRIOR TO COMMENCEMENT ON SITE.
- ALL SERVICES AS SHOWN ON THIS DRAWING SHALL BE INCLUDED IN THE FINAL TENDER PRICE.
- SAMPLE OF ALL EQUIPMENT SHALL BE APPROVED BY CLIENT, ARCHITECT AND BUILDING SERVICES ENGINEER PRIOR TO ORDERING.
- ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.

ELECTRICAL CONTAINMENT NOTES:

- ALL CABLE DROPPERS AND TRAYS SHALL BE MEDIUM DUTY GALVANNEED STEEL. IN ACCORDANCE WITH AISC IN 61537-2007 UNLESS INDICATED OTHERWISE.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION & LAYOUT OF THE CABLE TRAYS/DRIVER SYSTEM WHICH SHALL INCLUDE A GALVANNEED STEEL TRAY, TRUNNING & CONDUIT SYSTEM THROUGHOUT.
- ALL ELECTRICAL CONTAINMENT AND ELECTRICAL SERVICES INDICATED & NOTED ON THIS DRAWING ARE PART OF THE NEW INSTALLATION UNLESS INDICATED OTHERWISE.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL BENEFITS, TESTS AND ASSURANCES THAT THE ELECTRICAL SYSTEM SHALL BE AS GOOD AS NEW. THE ELECTRICAL CONTRACTOR SHALL MAINTAIN ONLY THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL TRAY AND TRUNNING TO EXISTING MECHANICAL PROTECTION OF ALL CABLES.
- ALL ELECTRICAL CONTAINMENT SHALL BE MADE UP FROM BUILDING UNITS.
- PRIMARY CONTAINMENT SHALL GENERALLY BE MOUNTED ON GALVANNEED STEEL SUPPORTS SECURED TO THE STRUCTURE AT MAXIMUM 1.2m CENTRES UNLESS INDICATED OTHERWISE.
- WALL MOUNTED PRIMARY ELECTRICAL CONTAINMENT SHALL BE MOUNTED ON GALVANNEED STEEL SUPPORTS ANCHORED TO THE WALL STRUCTURE AT MAXIMUM 1.2m CENTRES.
- THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR ALL CHANGES OF LEVELS AND VERTICAL CURVATURES AS REQUIRED.
- THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR OFFSETTING AND STACKING ELECTRICAL CONTAINMENT TO COORDINATE WITH SERVICES OPENINGS IN WALLS.
- THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR GALVANNEED STEEL TRAILER TRUNNING OVER THE DISTRIBUTION ROADS.
- THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR ALL CONTAINMENT IN THE BOILER ROOM AS REQUIRED.
- SURFACE MOUNTED GALVANNEED STEEL CONDUIT DROPS ARE NOT ALLOWED IN CORRIDORS OR CIRCULATION AREAS UNLESS EXPRESSLY AGREED BY THE DESIGN TEAM. CONDUIT DROPS SHALL BE USED TO PASS CABLES THROUGH WALLS AND FLOORS IN AN ADEQUATE FORM OR REDUCED TO STOP PARTITIONS/FLOOR LINING OR CHASED INTO MASONRY WALLS IF NECESSARY – LINES WITH MAIN CONTRACTOR.
- THE FIRE ALARM & DETECTION SYSTEM CABLEING SHALL BE CARRIED IN DEDICATED CONDUIT.
- ALL ELECTRICAL TRUNNING/PENETRATIONS THROUGH WALLS AND FLOOR COMPONENTS SHALL BE C/W SUSTAINABLE INTERPENETRANT PUTS/PILLOWS TESTED TO BS4746 PART 22.
- ANNULAR SPACE IN STEEL CONDUITS AT COUPLERS WHERE THEY CONNECT TO OUTLETS, SWITCHES AND EXPOSED ENDS IN HEADS SPACES SHALL BE SEALED WITH A SUITABLE MASTIC TO PREVENT HUMIDITY FROM ENTERING AND HAVE THE POTENTIAL FOR CONDENSATION WITHIN THE ELECTRICAL CONTAINMENT SYSTEM.
- THIS DRAWING INDICATES PROPOSED PRIMARY ELECTRICAL CONTAINMENT ROUTES ONLY.

ELECTRICAL CONTAINMENT LEGEND:

-  PROPOSED ROUTE OF CABLE LADDER/TRAY FOR SUBMANS
 CABLING - SIZE AS INDICATED
-  PROPOSED ROUTE OF CABLE TRUNKING FOR LV CABLING
 - SIZE AS INDICATED
-  PROPOSED ROUTE OF CABLE TRAY FOR ELV/COMMS/CCTV CABLING
 - SIZE AS INDICATED
-  PROPOSED ROUTE OF CABLE TRAY FOR FIRE ALARM CABLING
 - SIZE AS INDICATED

REINSTALLATION NOTES:

ALL EXISTING OBSOLETE ELECTRICAL SERVICES SHALL BE MADE SAFE AS NOTED AND AS REQUIRED TOGETHER WITH ALL OBSOLETE CABLING, CONTAINMENT, FIXINGS & SUPPORTS TO FACILITATE THE PROPOSED WORKS.

THE EXISTING ELECTRICAL SERVICES INSTALLATIONS ARE GENERALLY NOT INDICATED ON THIS DRAWING. EXISTING ELECTRICAL SERVICES WHICH ARE INDICATED MUST BE VERIFIED BY THE ELECTRICAL CONTRACTOR. IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO CARRY OUT A SURVEY TO IDENTIFY ALL EXISTING ELECTRICAL SERVICES IMPACTED BY THE PROPOSED WORKS.

THE ELECTRICAL CONTRACTOR MUST TRACE END-TO-END, VERIFY USAGE AND MAKE SAFE ALL EXISTING CABLING IN THE AREAS OF WORKS PRIOR TO COMMENCING DE-INSTALLATION WORKS/MODIFICATIONS.

ISOLATE AND PHYSICALLY DISCONNECT EXISTING LV SUBMAINS AND LV SUB-CIRCUITS AT RESPECTIVE POWER DISTRIBUTION BOARDS AS REQUIRED PRIOR TO COMMENCING DE-INSTALLATION WORKS/MODIFICATIONS.

ALL MODIFICATIONS TO THE EXISTING ELECTRICAL SERVICES INFRASTRUCTURE SHALL BE REVIEWED WITH THE BUILDING SERVICES ENGINEER PRIOR TO COMMENCING WORKS.

ALLOW FOR TESTING AND RECOMMISSIONING ALL EXISTING SYSTEMS AFFECTED BY THE WORKS.

THE ELECTRICAL CONTRACTOR IS STRONGLY RECOMMENDED TO VISIT SITE PRIOR TO TENDER TO SURVEY THE AREAS OF WORKS AND FAMILIARISE THEMSELVES WITH THE SCOPE OF WORK INVOLVED WITH THE ABOVE AND ALL OTHER WORKS INDICATED ON THIS DRAWING AND THE ACCOMPANYING DRAWINGS TO ENSURE THAT ALL DUE ALLOWANCES AND NECESSARY COSTS ARE ACCOUNTED FOR IN THEIR TENDER SUBMISSION - ADDITIONAL COSTS INCURRED DUE TO THIS EXERCISE NOT BEING CARRIED OUT WILL NOT BE ACCEPTED.

A	Tender Issue	24-July-2026	AB	CG
revision	Description	Date	Drawn	checked



project title:

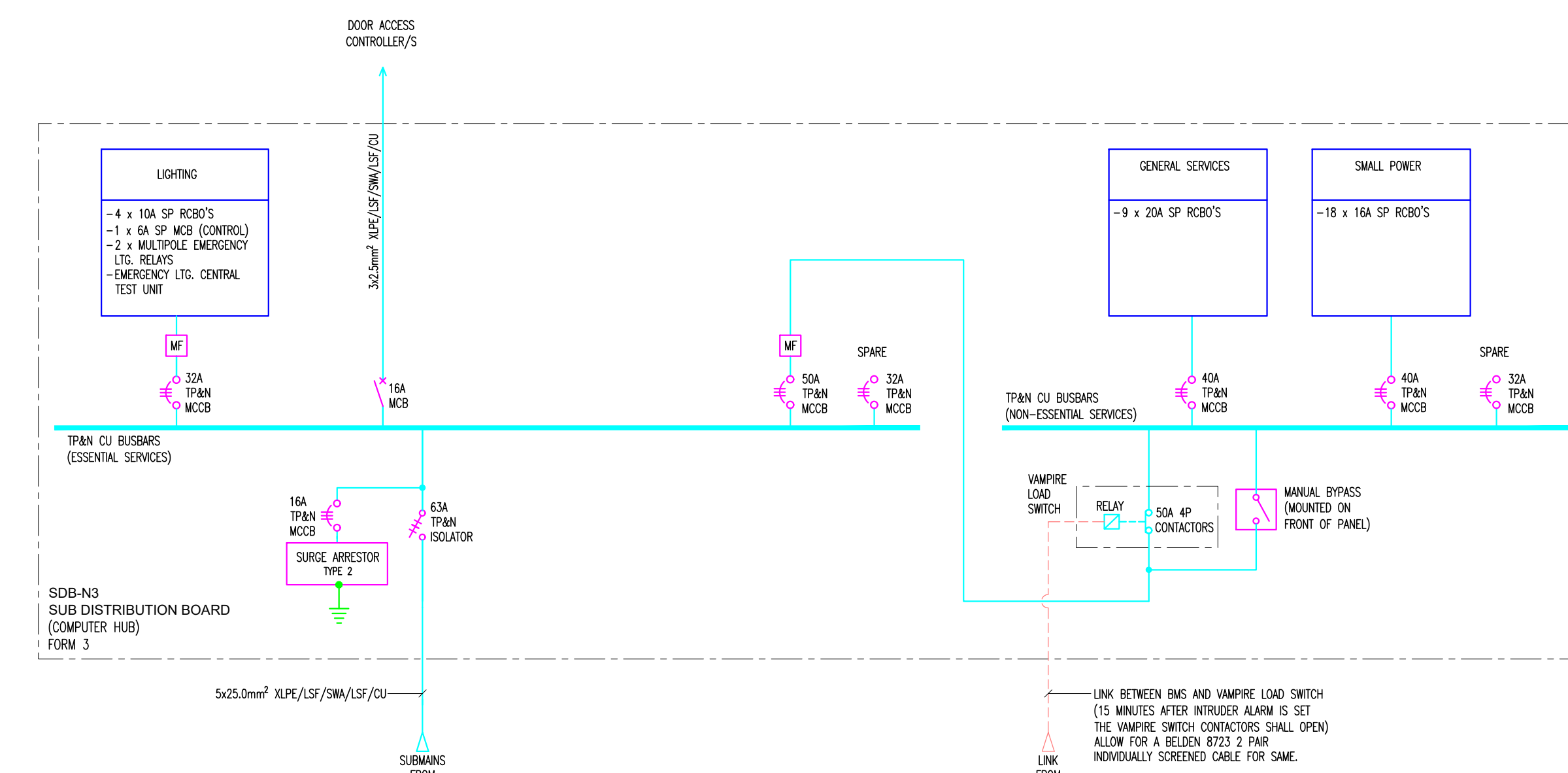
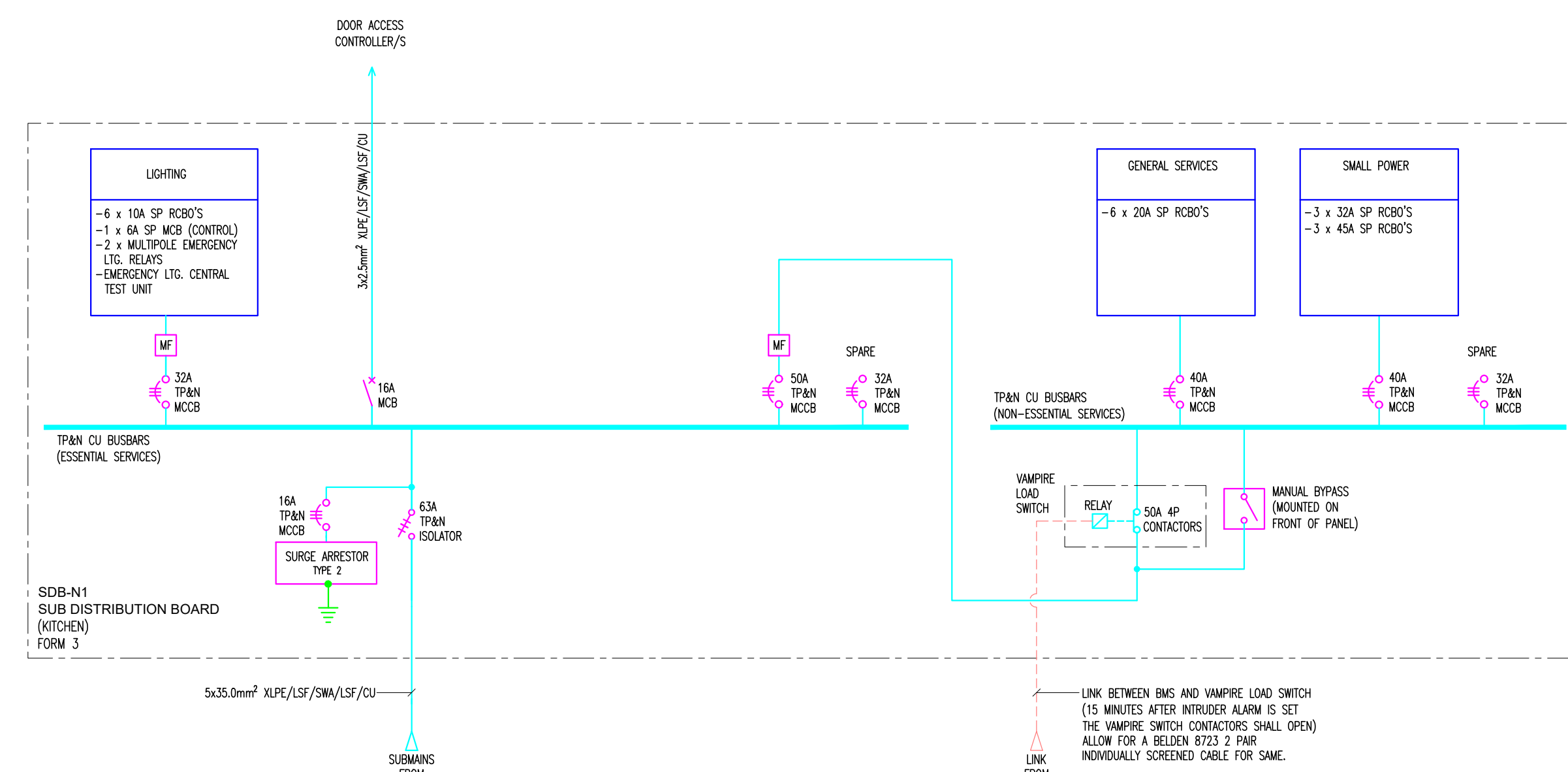
LOETB Electrical Upgrade
at Mountmellick FET,
Mountmellick, Co. Laois

Drawing title:
Proposed Electrical Containment Layout
Ground Floor Level

scale: 1:100 @A1

architect:

project number:	drawing number:
0840	EL109

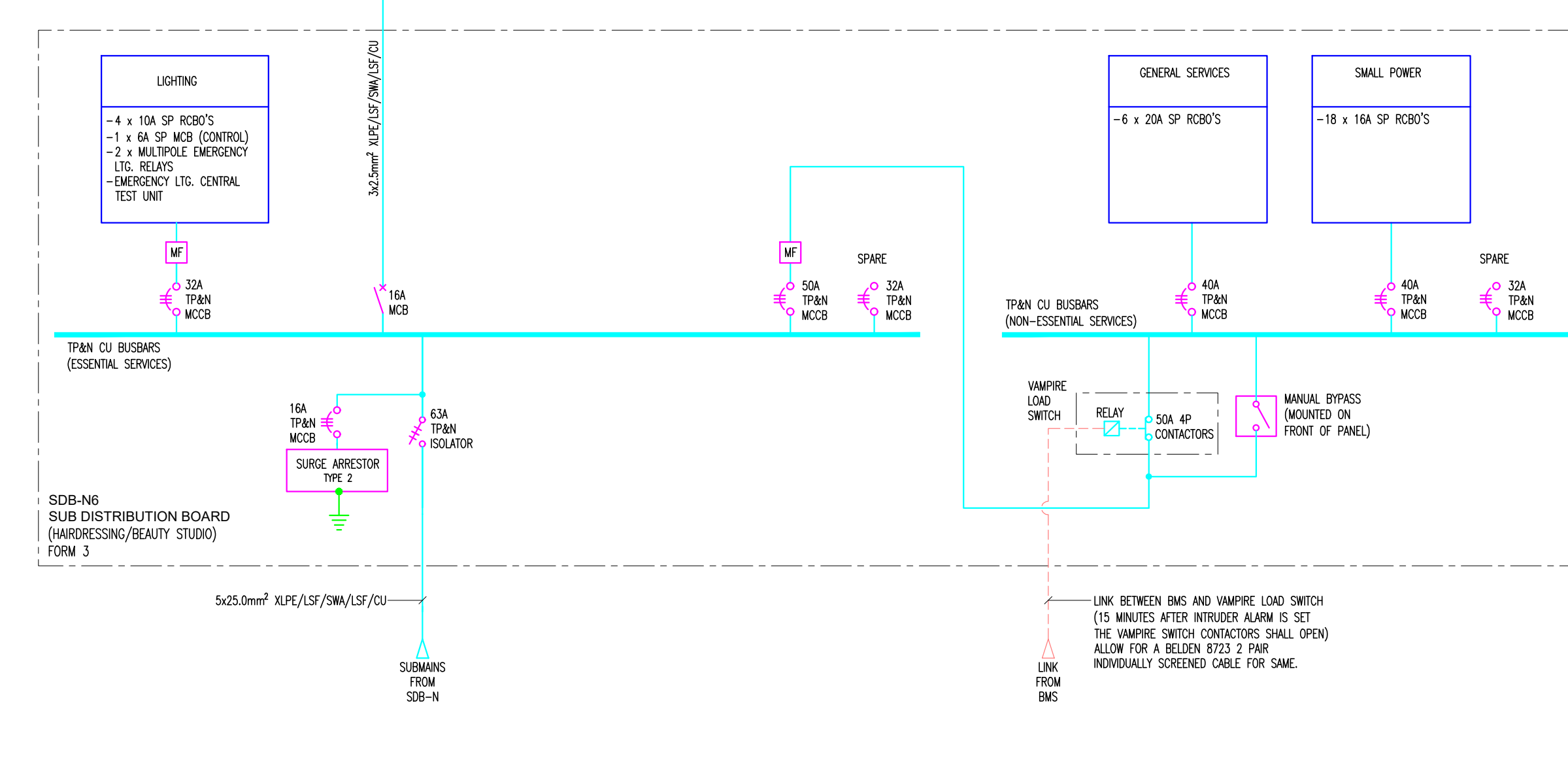
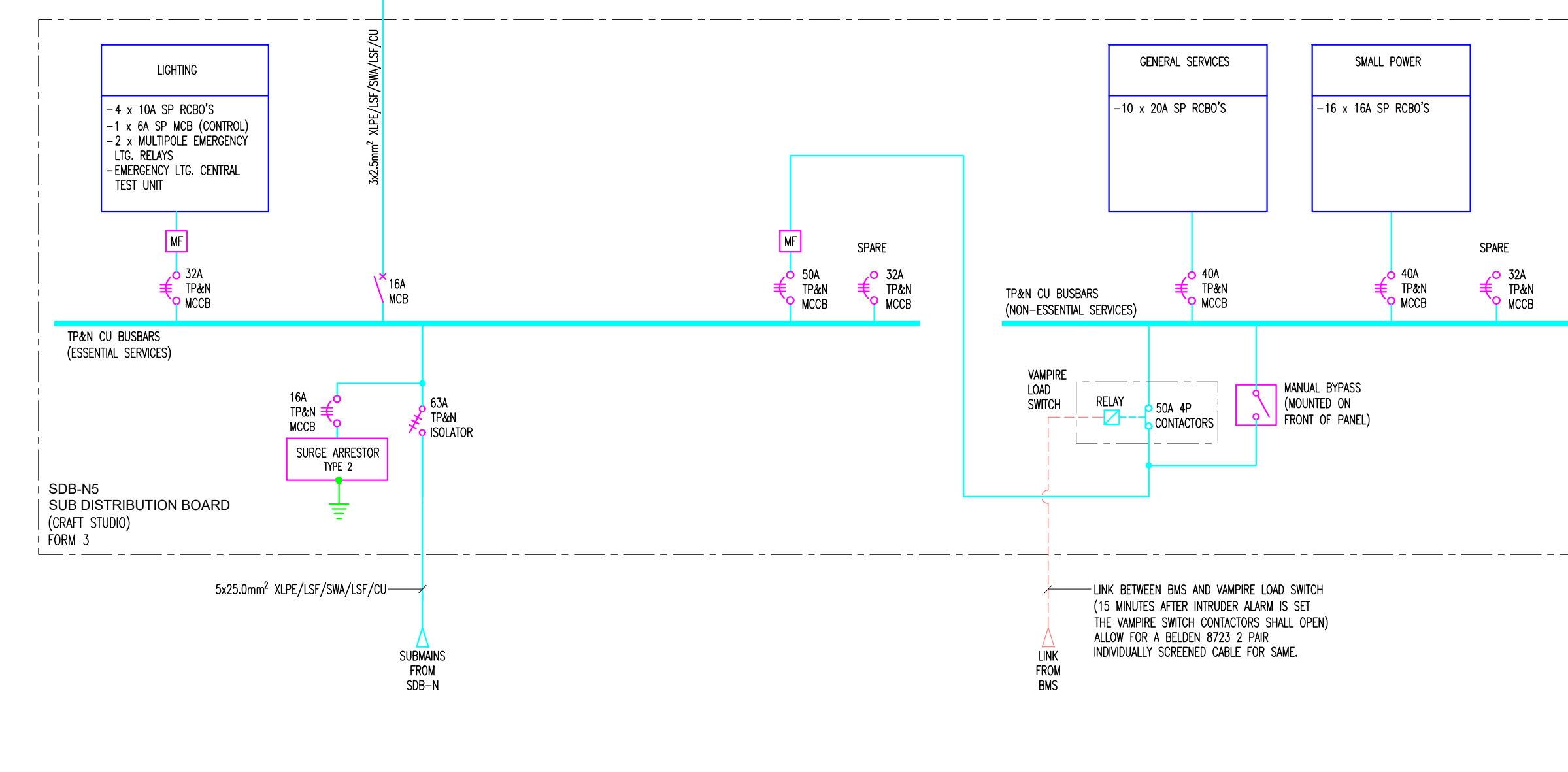
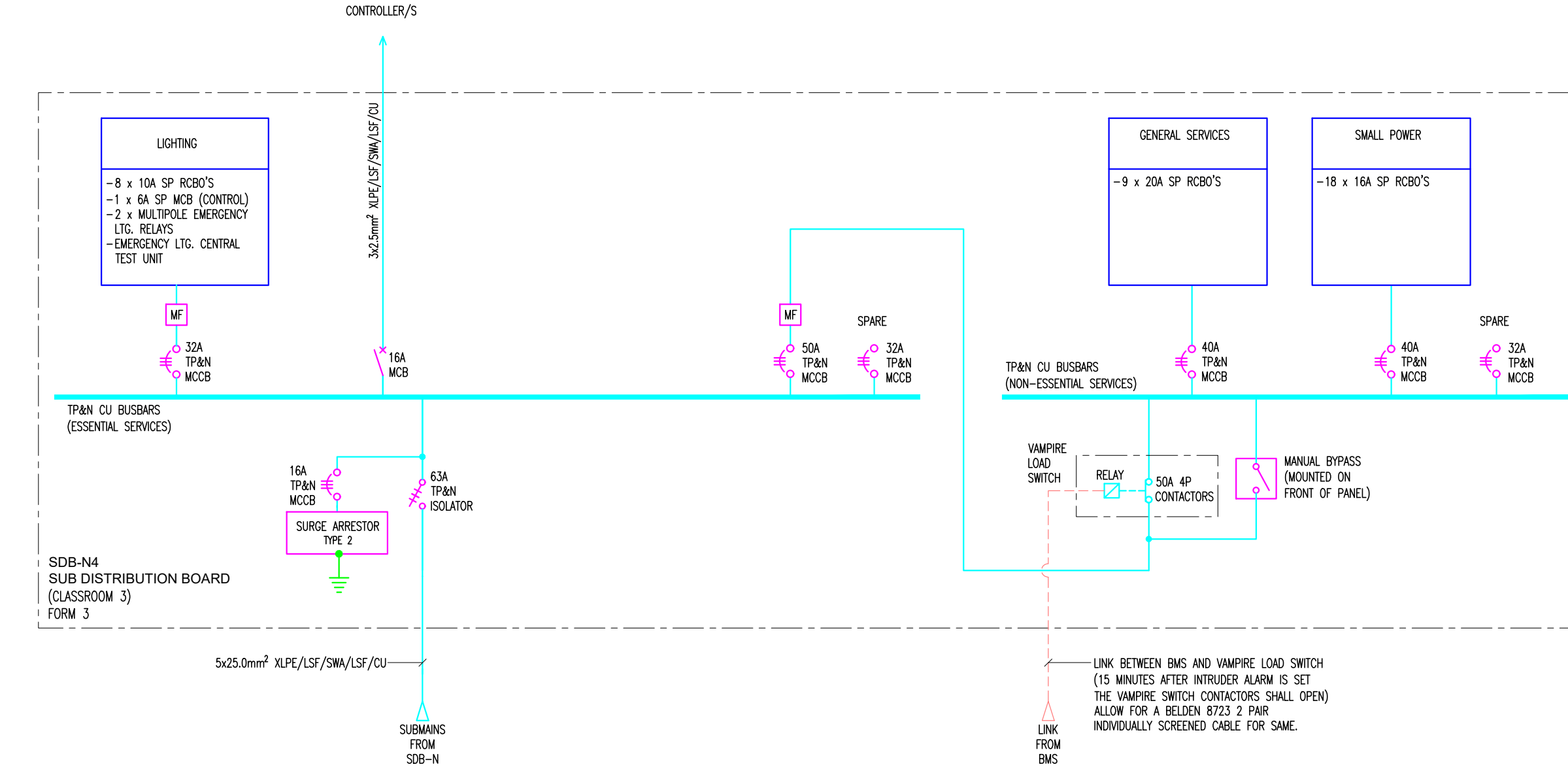
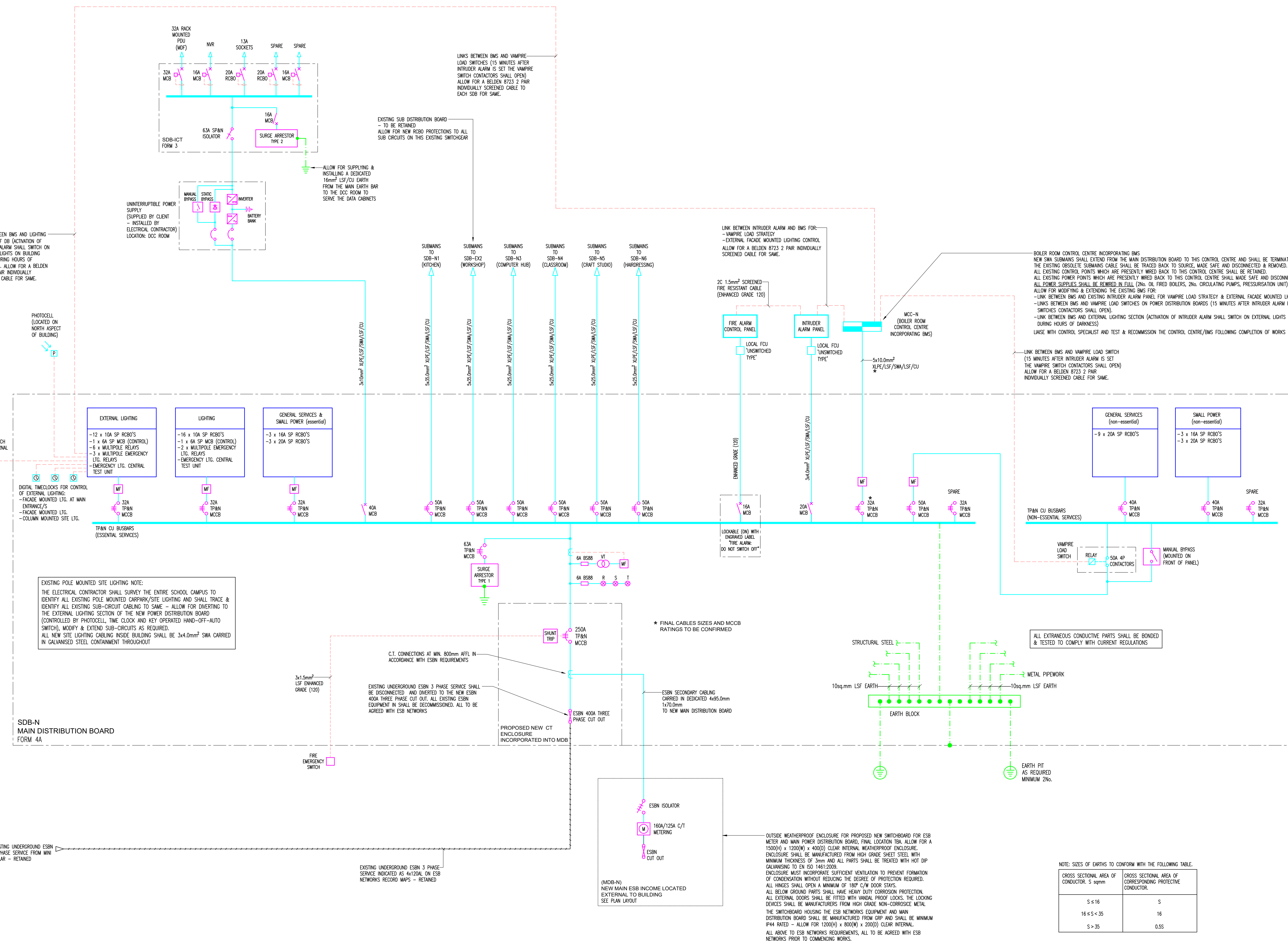


- GENERAL NOTES:
- 1) Do not scale services equipment from this drawing.
 - 2) All dimensions should be checked on site.
 - 3) Any drawing errors or divergences should be brought to the attention of Geaney Engineering Consultants at the address shown below.
 - 4) Drawing to be read in conjunction with all other drawings and documentation.

- NOTES:
1. ELECTRICAL INSTALLATION SHALL BE INSTALLED & CERTIFIED IN ACCORDANCE WITH I.S. 1000:2000 NATIONAL RULES FOR ELECTRICAL INSTALLATIONS.
 2. ANY SINGLE PHASE CIRCUIT FED DIRECTLY FROM A THREE PHASE DISTRIBUTION BOARD SHALL HAVE THE APPROPRIATE PHASE COLOUR EXTENDED INTO THE SINGLE PHASE CIRCUITS FED FROM THAT PHASE.
 3. REFER TO TABLE 5.1C COLOUR CODE FOR CABLE CORES AND INSULATED CONDUCTORS OF APPLICABLE No. 2: 2710:2004/02:2005 OF THE NATIONAL RULES FOR ELECTRICAL INSTALLATIONS.
 4. EMERGENCY LIGHTING TEST UNIT TO BE INSTALLED ON ALL ELECTRICAL BOARDS AS INDICATED. SEE SPECIFICATION FOR FURTHER DETAILS.
 5. SURGE PROTECTION TO BE INSTALLED. SEE SPECIFICATION FOR FURTHER DETAILS.
 6. EXTERNAL LIGHTING CIRCUITS ARE TO BE CONTROLLED BY PROTOCOL, TIME CLOCK AND KEY OPERATED HAND-OFF-AUTO SWITCH.
 7. THE SECURITY SYSTEM SHALL BE LINKED TO THE PHASE LIGHTING. ACTIVATION OF INTRUDER ALARM SHALL SWITCH ON EXTERNAL LIGHTS ON BUILDING FACADE DURING HOURS OF DARKNESS. CONTRACTORS SHALL BE PROVIDED FOR SAME.
 8. THE SECURITY SYSTEM SHALL BE PROVIDED WITH THIS TESTED SYSTEM WITHIN ITS OWN COMPARTMENT WITH FRONT ACCESS.
 9. ALL MCB'S TO BE PLUG IN TYPE.
 10. TRIP RATINGS, OVERLOAD AND SHORT TRIP SETTINGS TO BE CONFIRMED.
 11. ALL CONDUCTORS INSTALLED SHALL BE SUPPLIED C/W SATISFIED RATED OVERLOADS.
 12. THE ELECTRICAL CONTRACTOR TO CHECK ALL QUANTITIES PRIOR TO ORDER OF DISTRIBUTION BOARDS.
 13. INDICATOR LAMPS TO INDICATE MAINS HEALTHY. LOSS OF R PHASE, LOSS OF S PHASE & LOSS OF T PHASE. LAMPS TO BE MULTI-SPOK LED.
 14. ALL METERS TO BE LINKED BACK TO EMS.
 15. THE ELECTRICAL CONTRACTORS SHALL ALLOW FOR EQUIPMENTAL BONDING TO COMPLY WITH CURRENT EIC REGULATIONS.
 16. PROVIDE FOR REQUIRED CARRY-INS TO SYSTEM.
 17. ALLOW 20% SPARE CAPACITY IN ALL LIGHTING, POWER & GENERAL SERVICES BOARDS.
 18. ALL CIRCUITS SHALL BE PROTECTED BY AN RCD.
 19. ALL CABLEING SHALL BE LSF TYPE.

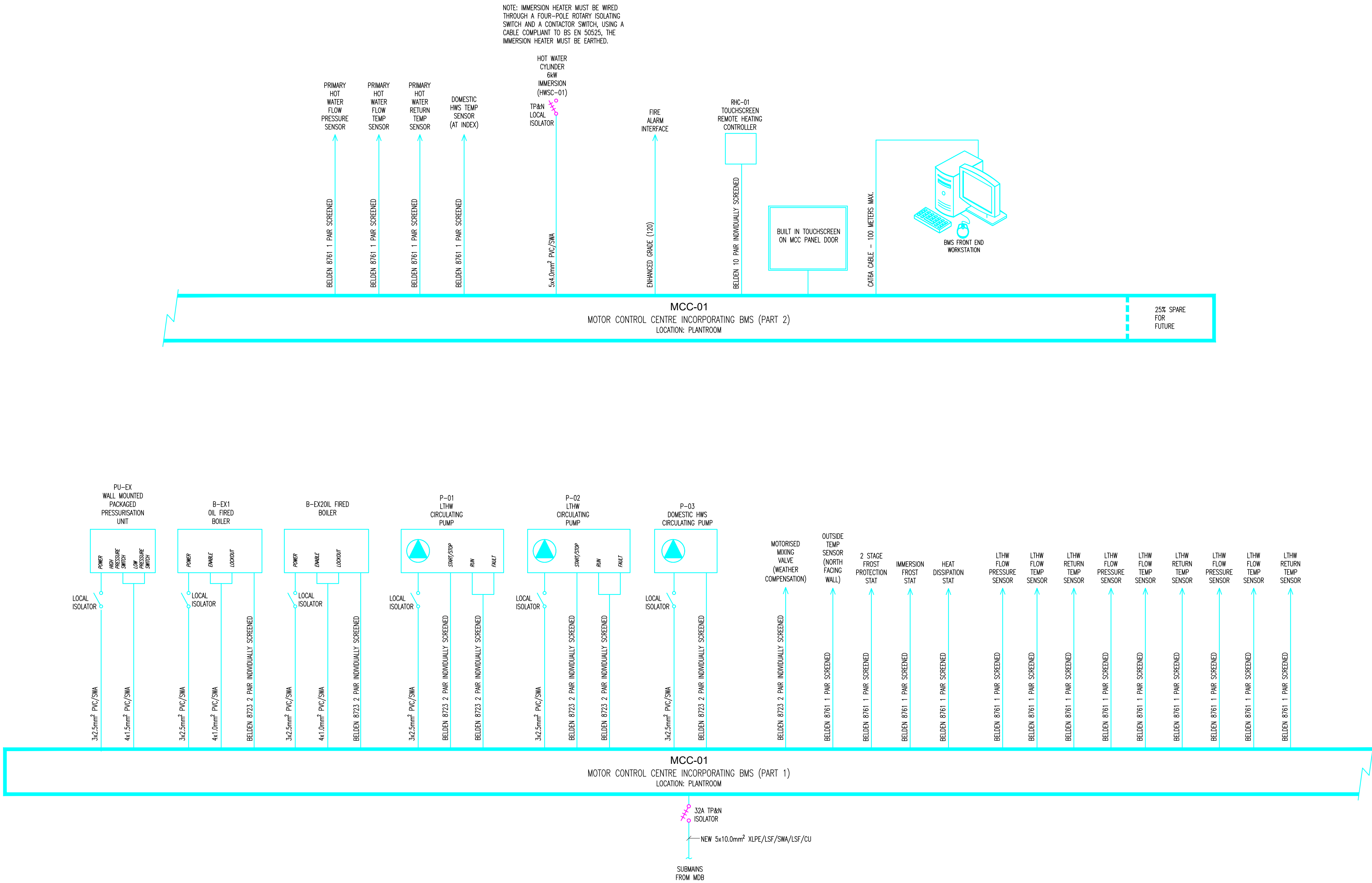
- ABBREVIATIONS:
- RCD3 RESIDUAL-CURRENT CIRCUIT BREAKER WITH OVERCURRENT PROTECTION
 - MCB3 MOLDED CASE CIRCUIT BREAKER
 - SPA STEEL WIRE MOUNTED
 - LSF LOW SMOKE FUME
 - LSF LOW SMOKE FUME
 - CU COPPER CONDUCTOR
 - CU THREE PHASE
 - SP SINGLE PHASE
 - TRAN THREE PHASE & NEUTRAL
 - SPAN SINGLE PHASE & NEUTRAL
 - PFC POWER FACTOR CORRECTION
 - CT CURRENT TRANSFORMER
 - HOA HAND-OFF-AUTO SWITCH

- LEGEND:
- SINGLE PHASE & NEUTRAL ISOLATOR
 - THREE PHASE & NEUTRAL ISOLATOR
 - SINGLE PHASE & NEUTRAL MOLDED CASE CIRCUIT BREAKER
 - THREE PHASE & NEUTRAL MOLDED CASE CIRCUIT BREAKER
 - CONNECTION TO EARTH
 - DIGITAL TIMELOCK
 - MULTI-FUNCTION METER WITH MCB'S OUTPUT CARD



Rev	Description	Date	By	Co
A	Tender Issue	24-July-2024	AB	Co

project title: LOETB Electrical Upgrade at Mountmellick FET, Mountmellick, Co. Laois		scale: NTS @A0	
drawing title: Proposed LV Schematic		architect: Kane Williams Architects	
project number: 0840		drawing number: EL110	



- GENERAL NOTES
- 1) Do not scale services equipment from this drawing.
 - 2) All dimensions should be checked on site.
 - 3) Any drawing errors or divergences should be brought to the attention of Geaney Engineering Consultants at the address shown below.
 - 4) Drawing to be read in conjunction with all other drawings and documentation.

- NOTES:
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS & SPECIFICATIONS.
 2. ALLOW FOR LOCAL ISOLATION OF ALL EQUIPMENT SERVED FROM THE MCC PANEL.
 3. ISOLATORS TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR
 4. AUXILIARY CONTACTS TO BE PROVIDED ON ISOLATORS
 5. JUNCTION BOXES TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR
 6. ALL TERMINATIONS BY ELECTRICAL CONTRACTOR
 7. ALL CABLING SHALL BE LSF TYPE.
 8. ALL POWER POINTS SUPPLIED FROM CONTROL CENTRES SHALL BE PROTECTED BY SUITABLY RATED RCBO'S.

A	Tender Issue	24-July-2026	AB	CG
Revision	Description	Date	Drawn	Checked
 STUDIO 22, WATERFORD BUSINESS PARK, CORK ROAD, WATERFORD, IRELAND. TEL: 051-879371 FAX: 051-833188 EMAIL: info@geaneyengineering.ie				
project title: LOETB Electrical Upgrade at Mountmellick FET, Mountmellick, Co. Laois				
drawing title: Proposed Control Centre Wiring Diagram				
scale: NTS @A1				
architect: - -				
project number: 0840		drawing number: EL111		