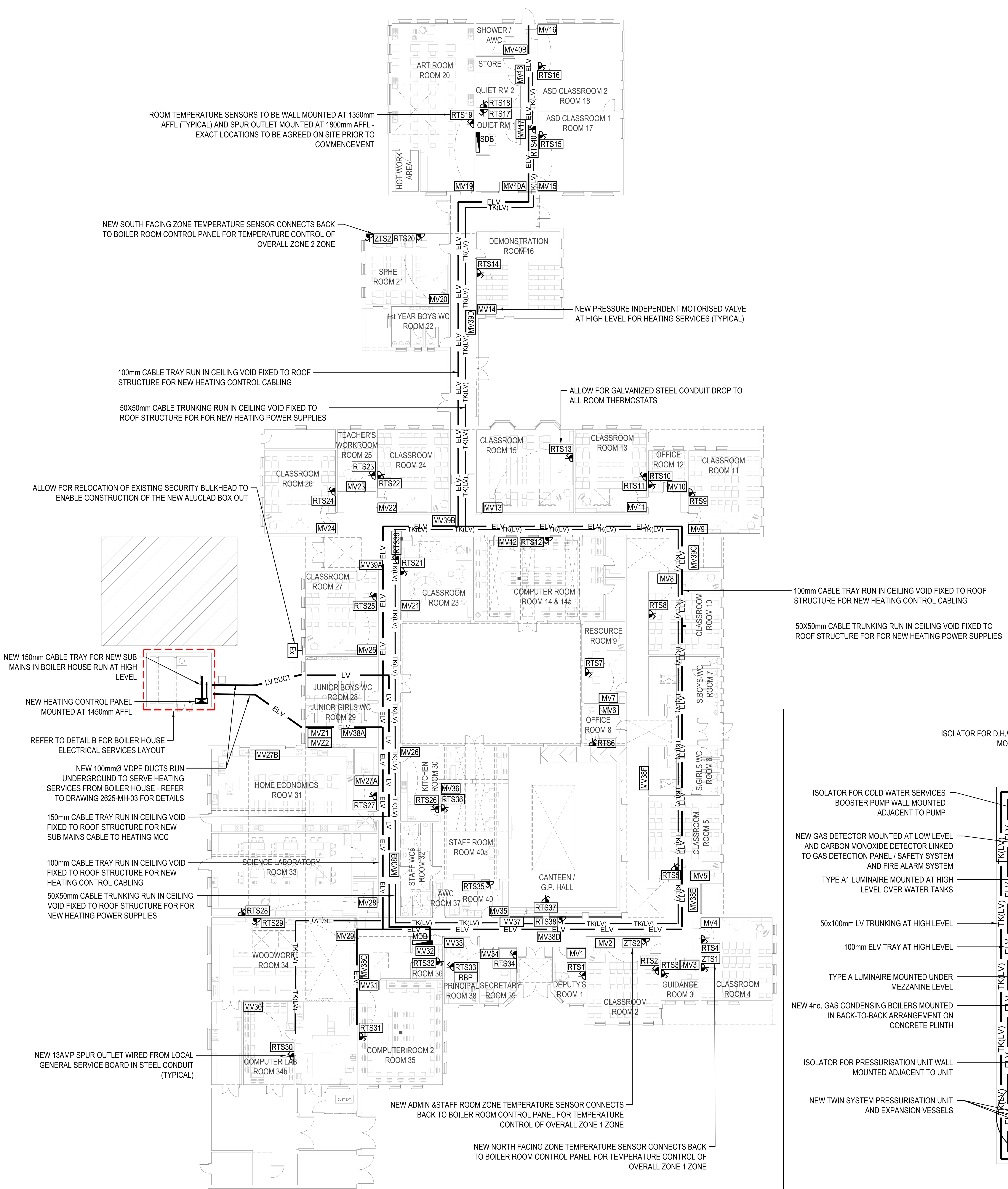
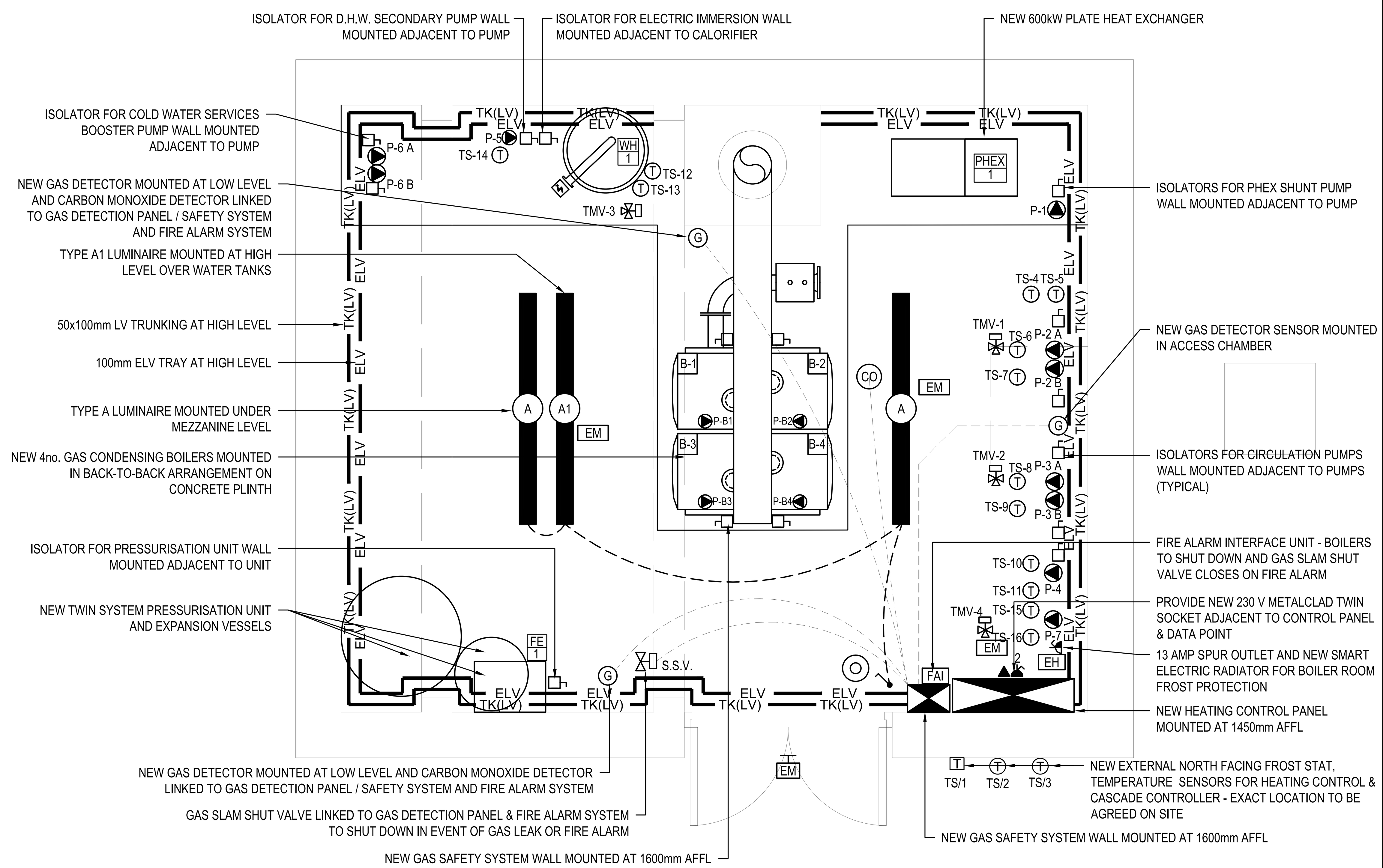


A PROPOSED HEATING SERVICES POWER & CONTROLS LAYOUT
ME-01 SCALE:- 1:200



B PROPOSED BOILER ROOM ELECTRICAL LAYOUT
ME-01 SCALE:- 1:25

ANNOTATIONS & LEGEND OF SYMBOLS:

- TS-1 TS — DENOTES TEMPERATURE SENSOR / THERMOSTAT
- RTS* — DENOTES ANTI-TAMPER ZONE THERMOSTAT WITH DIGITAL DISPLAY
- ZTS* — DENOTES ZONE TEMPERATURE SENSOR
- MV — DENOTES PRESSURE INDEPENDENT TWO PORT VALVE
- TMV — THREE PORT MIXING VALVE WITH MOTORISED ACTUATOR
- P- — DENOTES SINGLE HEAD CIRCULATION PUMP
- P-A/B — DENOTES TWIN HEAD CIRCULATION PUMP
- EQUIPMENT LOCAL ISOLATOR - MK COMMANDO SAFETY SWITCH CAT.REF. 6816YEL
- DENOTES SWITCH BOARD
- DENOTES BOILER CONTROL PANEL / MCC
- RBP — NEW HEATING REMOTE 6-ZONE TIME CLOCK WITH ZONE BOOST FACILITY FOR 1 HOUR / 2 HOURS / 3 HOURS BOOST
- EH — 1kW SMART ELECTRIC RADIATOR - FARHO ECO GREEN ULTRA
- TK(LV) — GALVANIZED STEEL TRUNKING FOR NEW LV CABLE
- ELV — GALVANIZED STEEL TRUNKING FOR ELV CABLES
- LV — MEDIUM DUTY GALVANISED STEEL CABLE TRAY FOR SUB MAINS POWER CABLES
- A — 46W ENERGY EFFICIENT 4000K HIGH IMPACT CORROSION PROOF LED LUMINAIRE WITH PRISMATIC POLYCARBONATE DIFFUSER TO IP65 THORLUX THOROPROOF ECO CAT. REF. TP 19776 / L
- A1 — 23W ENERGY EFFICIENT 4000K HIGH IMPACT CORROSION PROOF LED LUMINAIRE WITH POLYCARBONATE DIFFUSER TO IP 65 THORLUX THOROPROOF ECO CAT. REF. TP 19775 / L
- EM — 3 WATT / 167 LUMEN VANDAL RESISTANT SELF-TEST NON-MAINTAINED EMERGENCY BULKHEAD WITH 3 HOUR LITHIUM EMERGENCY BATTERY PACK WITH OPAL POLYCARBONATE DIFFUSER TO IP65 & IK08 RATINGS IN WHITE FINISH - ANSELL GUARDIAN BULKHEAD WITH 5 YEARS WARRANTY CAT.REF. AGLED/3M
- ONE WAY LIGHT SWITCH MK METAL CLAD PLUS CAT.REF. K3591ALM
- 2 — TWIN 230 V SWITCHED SOCKET OUTLET IN METALCLAD FINISH MK METALCLAD PLUS K2946 ALM
- SINGLE SURFACE MOUNTED CAT 6A RJ45 DATA OUTLET WIRED IN CAT 6A 4 PAIR UTP DATA CABLE - MK ELECTRIC METALCLAD PLUS K291 ALM & K3701 PLATE & FRAME AND K5846 WHI OUTLET

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NOTES:

1. THIS DRAWING IS INDICATIVE ONLY AND SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION & ALL OTHER RELEVANT DRAWINGS
2. THIS DRAWING MUST NOT BE SCALED. WORK TO BE FIGURED & SITE OBTAINED DIMENSIONS ONLY.
3. THE APPOINTED CONTRACTOR IS RESPONSIBLE FOR ALL BUILDERS WORK AS SPECIFIED IN THE TENDER DOCUMENTS INCLUDING REMOVAL OF ALL EXISTING HEATING PIPEWORK , FORMING OPES, MAKING GOOD OF OPES, & FIRE PROTECTION AND RE-DECORATION TO MATCH EXISTING FINISHES.
4. MECHANICAL SERVICES CONTRACTOR IS FULLY RESPONSIBLE FOR ON SITE CO-ORDINATION WITH ALL OTHER TRADES.
5. FINAL LOCATION OF ALL SENSORS ROOM THERMOSTATS TO BE AGREED WITH THE ENGINEER PRIOR TO INSTALLATION.
6. THE MECHANICAL SERVICES CONTRACTOR SHALL EMPLOY A CONTROLS SPECIALIST TO SUPPLY THE MCC PANEL AND ASSOCIATED CONTROLS.
7. THE MECHANICAL SERVICES CONTRACTOR SHALL EMPLOY A REGISTERED ELECTRICAL CONTRACTOR TO COMPLETE ALL ELECTRICAL INSTALLATION WORKS. THE CONTROLS SPECIALIST IS RESPONSIBLE FOR CONTROL WIRING FINAL CONNECTIONS.
8. MECHANICAL CONTRACTOR, WITH RELEVANT SUB CONTRACTORS SHOULD CARRY OUT A SITE SURVEY PRIOR TO SUBMITTING COMPLETED TENDERS, TO ENSURE ALL COSTS ARE INCLUDED. NO COSTS FOR UNFORESEEN WORK WILL BE ACCEPTED.
9. ALL CABLES SHALL BE RUN IN NEW GALVANISED STEEL CONTAINMENT WITH SEPERATE CONTAINMENT REQUIRED FOR POWER AND EXTRA LOW VOLTAGE SIGNAL CABLES WITH MINIMUM OF 300mm SEPERATION. USE OF EXISTING CONTAINMENT BY PRIOR AGREEMENT OF ENGINEERS ONLY.
10. ALL NEW CONDUIT AND TRUNKING SHALL BE PAINTED TO MATCH EXISTING WALL COLOURS / TO CLIENT SELECTED COLOUR BY A SPECIALIST PAINTING SUB-CONTRACTOR
11. ONLY MAIN CONTAINMENT RUNS ARE SHOWN. CONTRACTOR TO ALLOW FOR FINAL DROPS IN A STEEL CONDUITS (NOT SHOWN).
12. ALLOW 25% SPARE SPACE IN HEATING MCC FOR FUTURE EXPANSION
13. ON COMPLETION OF THE INSTALLATION, THE SYSTEM SHALL BE TESTED AND DEMONSTRATED TO THE ENGINEER/CLIENT AND COMMISSIONED TO ENSURE THAT IT IS OPERATING ACCORDING TO THE DESIGN REQUIREMENTS. THE COMMISSIONING SHALL INCLUDE CORRECT ADJUSTMENT AND SETTING OF ALL PLANT, VALVES, SENSORS, DIP SWITCHES ETC.
14. REFER TO DRAWING MZ-01 FOR PROPOSED PHASING OF THE UPGRADE WORKS

REV	DESCRIPTION	BY	CHK	APP	DATE
T1	REVISED TENDER ISSUE	LL	JF	JF	07/09/26
T0	TENDER ISSUE	LL	JF	JF	29/07/26

CLIENT:
LIMERICK AND CLARE EDUCATION AND TRAINING BOARD
CAPITAL PROCUREMENT SECTION
STATION ROAD, ENNIS, CO CLARE

CAMPUS:
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Project:
HEATING SERVICES UPGRADE & GAS CONVERSION EMERGENCY WORKS PROJECT 2026

Drawing Title:
PROPOSED HEATING SERVICES POWER & CONTROLS AND BOILER HOUSE ELECTRICAL SERVICES LAYOUT

Scale	Drawn	Checked	Approved	Date
AS SHOWN @ A1	LL	JF	JF	29/07/2026

Project No.	Type	Drawing No.	Revision
2625	E	2625-ME-01	T1

APPROVAL☐ INFORMATION☐ TENDER☒ CONTRACT☐ CONSTRUCTION☐