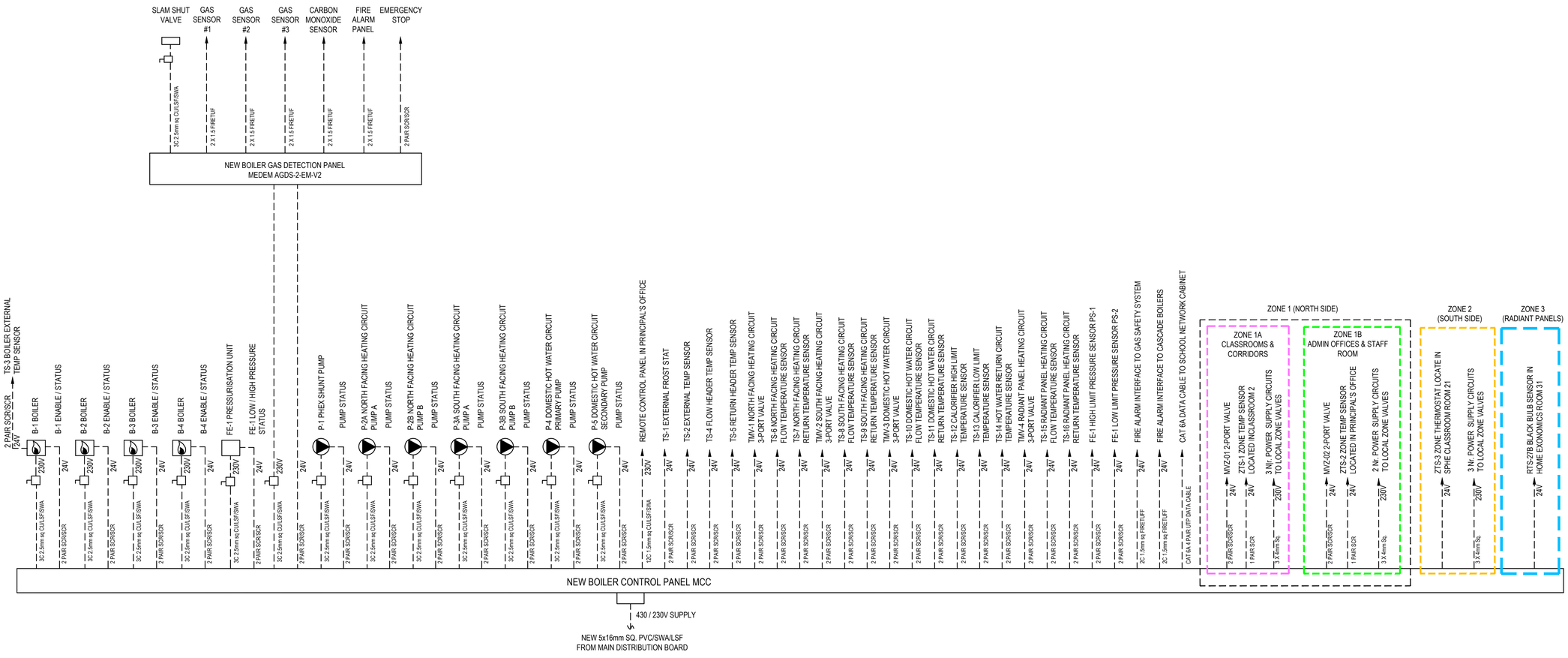


MCC BOILER ROOM CONTROL PANEL ELEVATION



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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 FIGURED & SITE OBTAINED DIMENSIONS ONLY.
3. CONTRACTOR SHALL TAKE FULL COGNISANCE OF THE PRELIMINARY HEALTH AND SAFETY PLAN, AND PROVIDE FULL METHOD STATEMENTS FOR ALL HAZARDOUS OPERATIONS LISTED THEREIN. METHOD STATEMENTS SHALL ALSO BE PROVIDED FOR ANY HAZARDOUS OPERATION WHICH BECOMES APPARENT THROUGHOUT THE CONSTRUCTION PHASE.
4. 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.
5. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL BUILDERS WORK AS REQUIRED AND SPECIFIED IN THE TENDER DOCUMENTS.
6. MECHANICAL SERVICES CONTRACTOR IS FULLY RESPONSIBLE FOR ON SITE CO-ORDINATION WITH ALL OTHER TRADES & SPECIALISTS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CO-ORDINATING THE NEW MECHANICAL SERVICES SO AS TO ENSURE A NEAT AND FULLY ACCESSIBLE INSTALLATION WITH MINIMAL DISRUPTION TO THE BUILDING AND OTHER EXISTING SERVICES WHICH MUST BE RETAINED IN AS IS CONDITION.
8. WHERE A PARTICULAR MANUFACTURERS PRODUCTS ARE SPECIFIED IT SHALL BE READ AS EQUAL AND PRE-APPROVED BY THE ENGINEER.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CO-ORDINATING THE NEW MECHANICAL SERVICES SO AS TO ENSURE A NEAT AND FULLY ACCESSIBLE INSTALLATION WITH MINIMAL DISRUPTION TO THE BUILDING AND OTHER EXISTING SERVICES WHICH MUST BE RETAINED IN AS IS CONDITION.
10. FINAL LOCATION OF ALL SENSORS ROOM THERMOSTATS TO BE AGREED WITH THE ENGINEER PRIOR TO INSTALLATION.
11. THE MECHANICAL SERVICES CONTRACTOR SHALL EMPLOY A CONTROLS SPECIALIST TO SUPPLY THE MCC PANEL AND ASSOCIATED CONTROLS.
12. THE MECHANICAL SERVICES CONTRACTOR SHALL EMPLOY A REGISTERED ELECTRICAL CONTRACTOR TO COMPLETE ALL ELECTRICAL INSTALLATION WORKS . THE CONTROLS SPECIALIST IS RESPONSIBLE FOR INTERCONNECTING CONTROL WIRING AND FINAL CONNECTIONS.
13. 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.
14. ONLY MAIN CONTAINMENT RUNS ARE SHOWN. CONTRACTOR TO ALLOW FOR FINAL DROPS IN A STEEL CONDUITS (NOT SHOWN).
15. ALLOW 25% SPARE SPACE IN MCC FOR FUTURE EXPANSION
16. 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.

ANNOTATIONS & LEGEND OF SYMBOLS

- TS-1 [TS] DENOTES TEMPERATURE SENSOR / THERMOSTAT
- [RTS*] DENOTES ANTI-TAMPER ZONE STAT WITH DIGITAL DISPLAY
- [ZTS*] DENOTES ZONE TEMPERATURE SENSOR
- MV-1 TWO PORT VALVE WITH MOTORISED SPRING LOADED ACTUATOR
- TMV-1 THREE PORT MIXING VALVE WITH MOTORISED ACTUATOR
- [MV-01] DENOTES MOTORISED SPRING LOADED ACTUATOR & TWO PORT VALVE
- P DENOTES CIRCULATION PUMP
- EQUIPMENT LOCAL ISOLATOR MK COMMANDO SAFETY SWITCH 6816YEL
- [RBP] NEW BOILER REMOTE 4-TIME CLOCK & ZONE BOOST PANEL FOR 1 HOUR / 2 HOURS / 3 HOURS HEATING BOOST
  - ZONE 1 - NORTH FACING ROOMS, CORRIDORS & TOILETS
  - ZONE 2 - NORTH FACING ADMIN OFFICES & STAFF ROOM
  - ZONE 3 - SOUTH FACING ROOMS, CORRIDORS & TOILETS
  - ZONE 4 - DOMESTIC HOT WATER SYSTEM

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

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Project:

HEATING SERVICES UPGRADE & GAS CONVERSION EMERGENCY WORKS PROJECT 2026

Drawing Title:

PROPOSED HEATING SERVICES
MCC POWER & CONTROLS SCHEMATIC

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

Project No.	Type	Drawing No.	Revision
2625	M	2625-MS-02	T1

APPROVAL ☐ INFORMATION ☐ TENDER ☒ CONTRACT ☐ CONSTRUCTION ☐