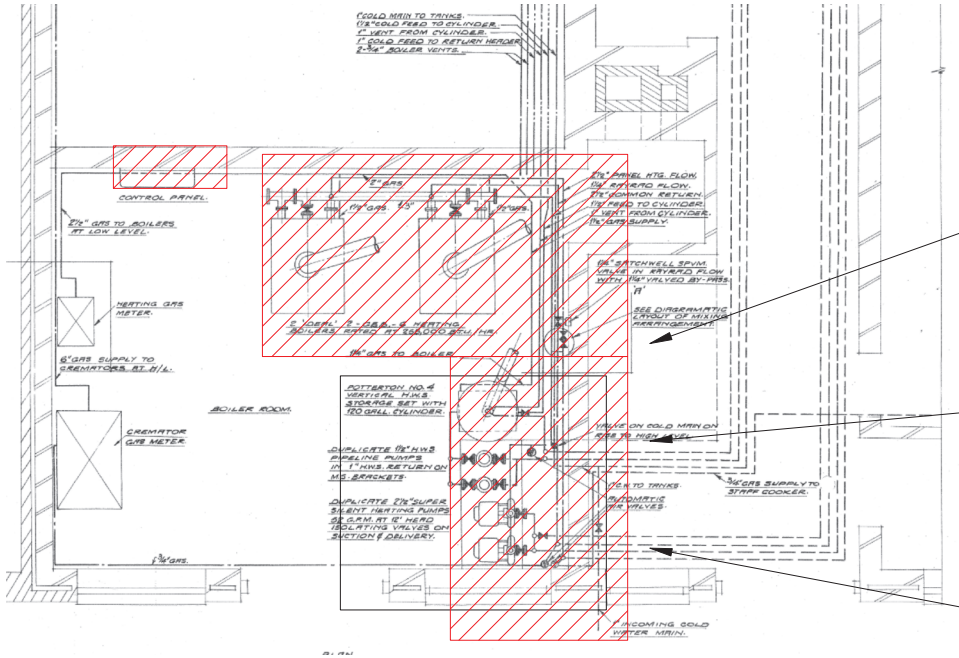
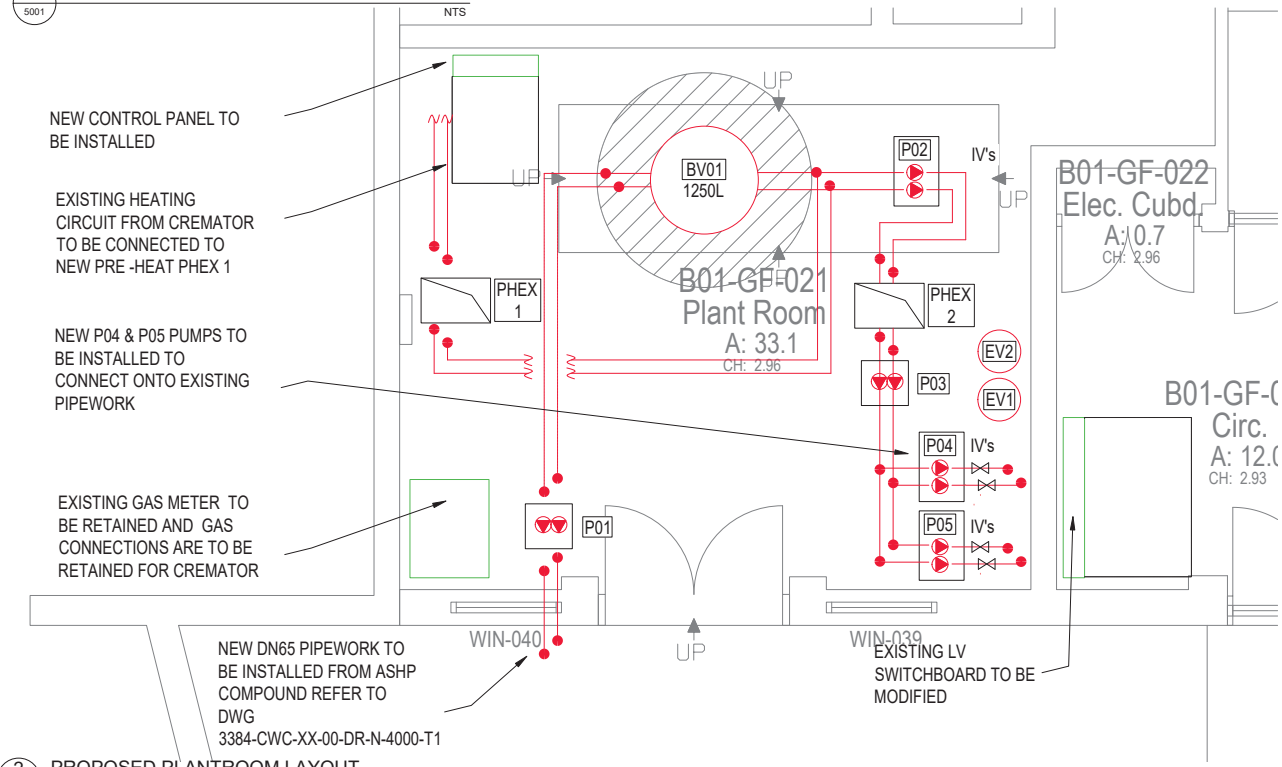


EXISTING BOILERS TO BE STRIPPED OUT AND FLUE AND GAS TO BE CAPPED OFF

EXISTING GAS FIRED WATER HEATER IS TO BE STRIPPED OUT AND PIPEWORK IS TO BE DRAINED DOWN AND CAPPED OFF

EXISTING DISTRIBUTION PUMPS ARE TO BE REMOVED AND REPLACED

1 5001 PROPOSED PLANTROOM STRIPOUT LAYOUT
NTS



2 5001 PROPOSED PLANTROOM LAYOUT
1:50

12. DRAIN VALVES TO BE LINE SIZED UP TO AND INCLUDING 50MM AND THEN 50MM ON LARGER SIZES. POSITION AT SYSTEM LOW POINTS.
13. ALL IN LINE COMPONENTS TO BE LINE SIZE EXCEPT:
    - CONTROL VALVES - SIZED TO SUIT CIRCUIT FLOW RATE
    - REGULATING VALVES - SIZED TO SUIT CIRCUIT FLOW RATE
    - ORIFICE PLATE - SIZED TO SUIT CIRCUIT FLOW RATE
14. ISOLATION VALVES TO BE CAPABLE OF REGULATION
15. HEATING PIPEWORK TO BE HEAVY DUTY MILD STEEL THROUGHOUT PLANT ROOM.
16. DOMESTIC WATER PIPEWORK TO BE COPPER WITH SOLDERED FITTINGS. CRIMPED OR PRESS-FIT JOINTING METHODS NOT TO BE USED.

This document and its contents are the property of the Purchaser/Employer and Crookes Walker Consulting. They may not be copied or reproduced in any way, in part or whole, without prior written approval of both parties. Violations will result in legal action.
This drawing shall be read in conjunction with the CWC Mechanical and / or Electrical Specification(s).
DO NOT SCALE FROM THIS DRAWING

DESIGNERS RISK ASSESSMENT
REFER TO APPENDIX 1 OF M&E SPECIFICATION FOR DESIGNERS RISK ASSESSMENT SCHEDULE

DRAWING BACKGROUND(S):

1. THIS DRAWING HAS BEEN DEVELOPED TO RIBA STAGE 4 IN ACCORDANCE WITH BSRIA BG 6 (2018) TECHNICAL DESIGN DRAWING DEFINITIONS.
2. THE DRAWING DOES NOT INDICATE THE PRECISE POSITION OF SERVICES AND SHOWS THE INTENDED LOCATIONS OF BUILDING SERVICES ITEMS AND SERVICE ROUTES IN SUCH DETAIL AS TO INDICATE THE DESIGN. THE DRAWING DOES NOT SHOW ALL COMPONENTS THAT MAY BE NECESSARY TO LOCATE SERVICES IN A FULLY COORDINATED MANNER.
3. THE ATTACHED DRAWING TO BE READ FULLY IN CONJUNCTION WITH CROOKES WALKERS' M&P SPECIFICATION, EQUIPMENT SCHEDULES AND RIBA STAGE 4 TECHNICAL DESIGN DRAWINGS, AS WELL AS OTHER DESIGN TEAM INFORMATION INCLUDING (BUT NOT LIMITED TO) ARCHITECTURE, STRUCTURE AND FIRE ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FULL COORDINATION OF THE INSTALLATION AND SHALL ACCOUNT FOR ALL OTHER WORKS AND TRADES DURING AND BEFORE THEIR INCORPORATION INTO THE WORKS.
5. INSTALLATION DRAWINGS AND BUILDERS WORK DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR.
6. CROOKES WALKER ARE NOT RESPONSIBLE FOR THE DESIGN AND COORDINATION OF ACCESS PLATFORMS, ACCESS COVERS, GRATINGS, LADDERS, STAIRS, RAILS AND PROTECTING ELEMENTS REQUIRED FOR FUTURE ACCESS, MAINTENANCE AND OPERATION OF THE WORKS.
7. ANY PENETRATIONS THROUGH COMPARTMENT LINES ARE TO BE FIRE STOPPED.
8. DRAINCOCKS ARE TO BE FITTED AT ALL SYSTEM LOW POINTS AND AIR VENTS TO ALL SYSTEM HIGH POINTS.
9. ALL PIPEWORK TO BE THERMALLY INSULATED AND COVERED WITH ALUMINIUM CLADDING (OR SIMILAR) THROUGHOUT THE FULL PLANT ROOM. PIPEWORK LABELS SHALL BE PROVIDED ON ALL MAIN PIPE RUNS IN THE PLANT ROOM.
10. THE CONTRACTOR SHALL LIAISE WITH A SPECIALIST THERMAL EXPANSION CONTRACTOR / SPECIALIST AND MAKE SUITABLE ALLOWANCE FOR THE ACCOMMODATION OF EXPANSION WITHIN ALL PIPEWORK SYSTEMS BASED UPON THE FINAL DESIGN.
11. THE CONTRACTOR SHALL REFER TO THE ASBESTOS REGISTER AND ANY RECENT ASBESTOS SURVEY REPORTS PRIOR TO COMMENCING WORK IN THE PLANT ROOM.

Rev	Date	Description	Eng	Chk
T1	18.12.24	TENDER ISSUE	JS	GR

CWC crookes walker consulting
Suite 9a, Bloc, 17 Marble Street
Manchester M2 3AW
Tel: 0161 834 9999
The Plaza, Old Hall Street,
Liverpool L3 9QJ
Tel: 0151 600 5409
E-mail: admin@cwcon.co.uk
Website: www.cwcon.co.uk

Client
EQUANS

Project
EQUANS MCC BLACKELY CREMATORIUM AND CHAPEL

Drawing Title
PROPOSED PLANTROOM & STRIPOUT LAYOUT

Status
TENDER

Project No.	Drawn	Scale / Paper Size
3384	BW	1:50 @ A1

Drawing No. 3384-CWC-XX-00-DR-M-5601 Rev T1