

EXISTING LTHW HEATING SERVICES NOTES:

THE MECHANICAL CONTRACTOR SHALL ALLOW FOR ALL NECESSARY MODIFICATIONS TO THE EXISTING HEATING SERVICES INFRASTRUCTURE AS REQUIRED TO FACILITATE THE PROPOSED WORKS.

ALL PROPOSED MODIFICATIONS TO THE EXISTING HEATING SERVICES INFRASTRUCTURE SHALL BE REVIEWED AND AGREED WITH THE BUILDING SERVICES ENGINEER PRIOR TO COMMENCEMENT OF WORKS.

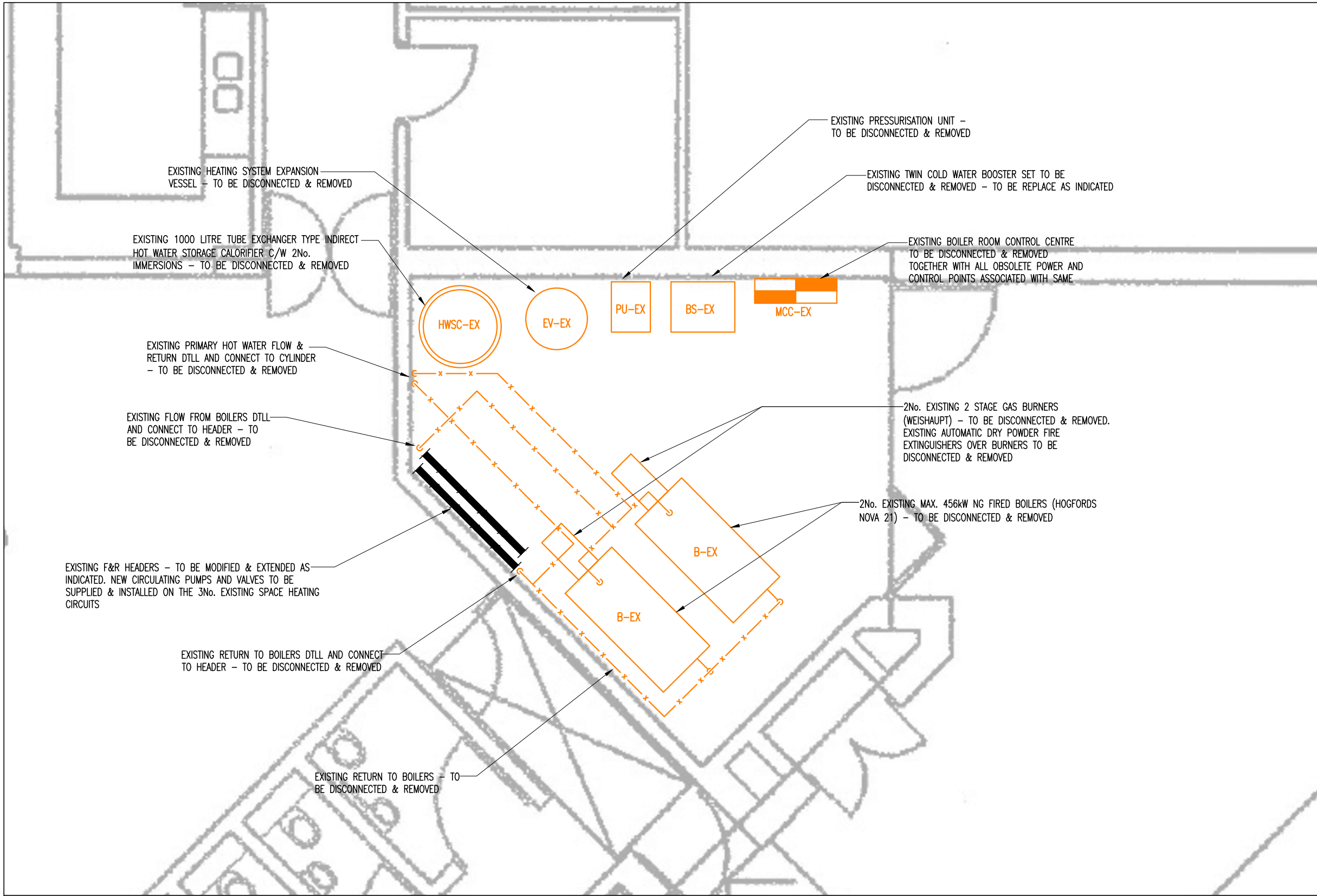
THE FULL EXTENT OF THE EXISTING HEATING SERVICES INSTALLATION IS NOT FULLY INDICATED ON THIS DRAWING. ALL EXISTING HEATING SERVICES SHOWN SHALL BE VERIFIED ON SITE BY THE MECHANICAL CONTRACTOR. IT SHALL BE THE MECHANICAL CONTRACTOR'S RESPONSIBILITY TO UNDERTAKE A COMPREHENSIVE SITE SURVEY TO TRACE, IDENTIFY AND CONFIRM ALL EXISTING HEATING SERVICES THAT MAY BE AFFECTED BY THE PROPOSED WORKS.

THE MECHANICAL CONTRACTOR SHALL ALLOW FOR DRAINING DOWN THE EXISTING HEATING SYSTEM AS REQUIRED TO FACILITATE THE WORKS, TOGETHER WITH SUBSEQUENT REFILLING, VENTING, TESTING, AND BALANCING OF THE SYSTEM UPON COMPLETION.

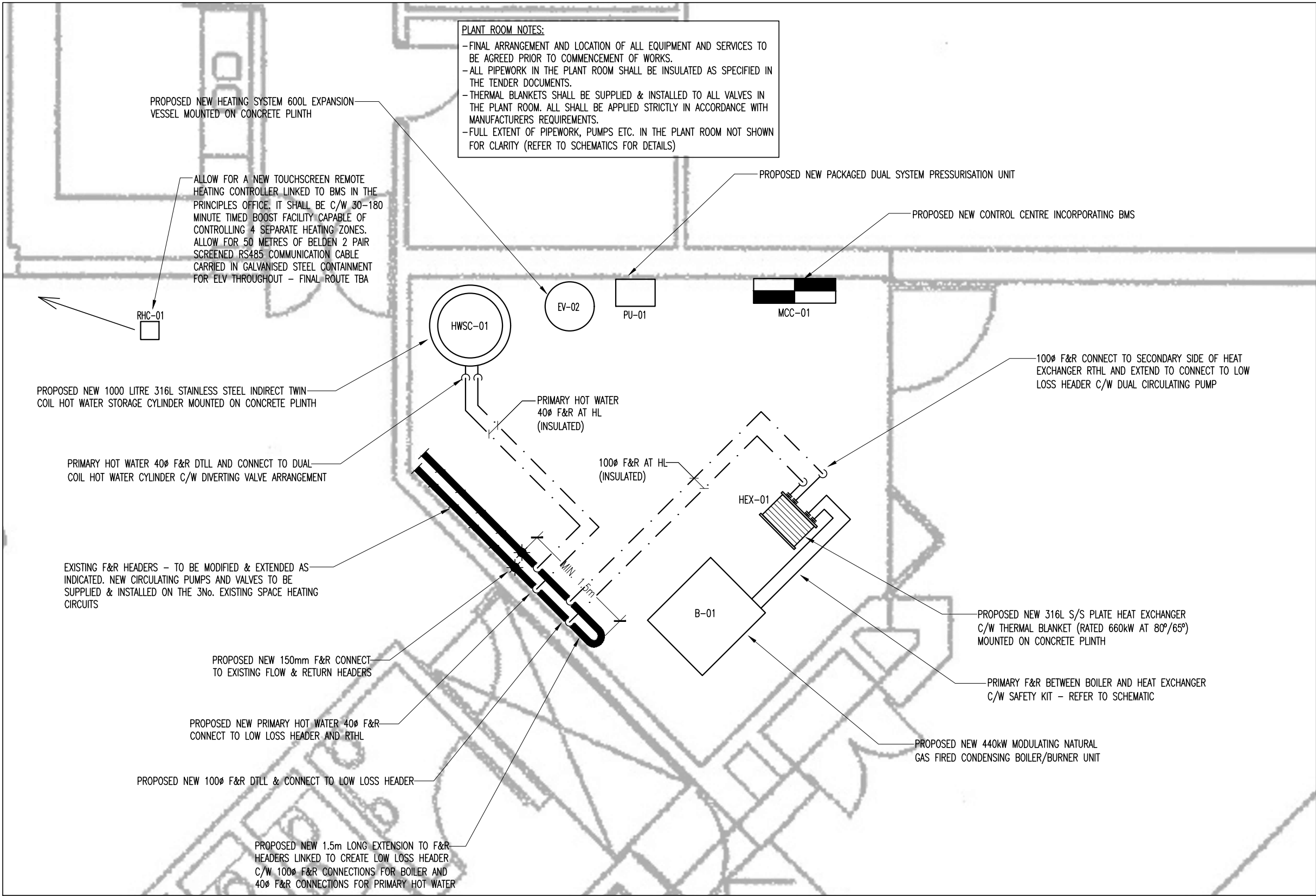
EXISTING HEATING SERVICES INFRASTRUCTURE WITHIN THE AREAS OF WORK THAT ARE TO BE RETAINED SHALL BE ADEQUATELY PROTECTED THROUGHOUT THE DURATION OF THE WORKS.

THE SCHOOL AUTHORITY SHALL BE ADVISED THAT HEATING SERVICES MAY BE TEMPORARILY UNAVAILABLE IN AREAS OF THE BUILDING OUTSIDE THE PRINCIPAL AREAS OF WORK. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR OUT-OF-HOURS WORKING WHERE NECESSARY TO MINIMISE DISRUPTION TO HEATING SERVICES DURING NORMAL OFFICE HOURS.

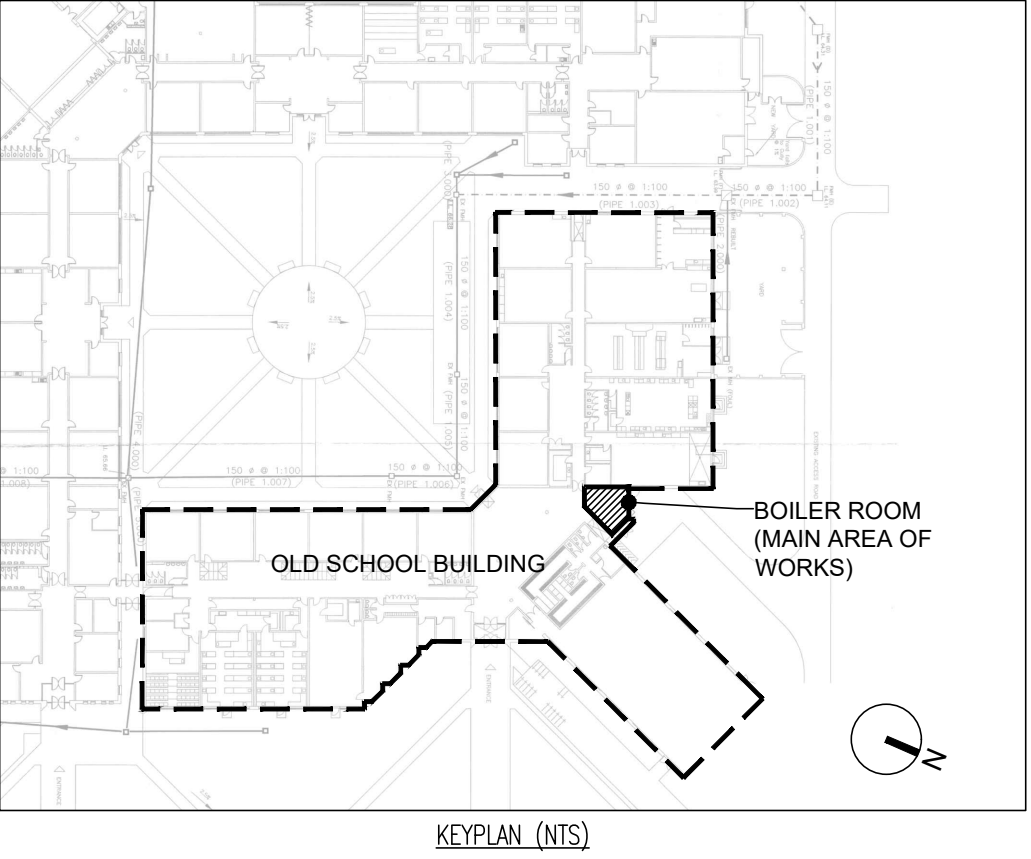
TENDERING CONTRACTORS ARE STRONGLY ADVISED TO VISIT SITE PRIOR TO SUBMISSION OF THEIR TENDER TO SURVEY THE AREAS OF WORK AND FAMILIARISE THEMSELVES WITH THE SCOPE AND EXTENT OF THE WORKS DESCRIBED ABOVE, TOGETHER WITH ALL OTHER WORKS INDICATED ON THIS AND THE ASSOCIATED DRAWINGS. TENDER SUBMISSIONS SHALL BE DEEMED TO HAVE INCLUDED FOR ALL NECESSARY ALLOWANCES ARISING FROM THIS EXERCISE. ADDITIONAL COSTS INCURRED AS A RESULT OF A FAILURE TO UNDERTAKE A PRE-TENDER SITE VISIT WILL NOT BE ACCEPTED.



1 EXISTING LTHW HEATING SERVICES LAYOUT
1:50 @ A1



2 PROPOSED LTHW HEATING SERVICES LAYOUT
1:50 @ A1



- 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 MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL DRAWINGS & SPECIFICATIONS.
 2. THE MECHANICAL & ELECTRICAL CONTRACTORS 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 MECHANICAL & ELECTRICAL CONTRACTORS 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.
- HEATING SERVICES NOTES:
1. ALL PIPED SERVICES, PLANT, EQUIPMENT, VALVES ETC. SHOWN ON THIS DRAWING ARE PART OF THE NEW INSTALLATION UNLESS INDICATED OTHERWISE.
 2. ALL EQUIPMENT TO HAVE LOCAL ISOLATING VALVES.
 3. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY SUITABLE FINAL ROUTES FOR PIPEWORK.
 4. ALL PIPEWORK IN PLANT ROOMS SHALL BE INSULATED AS SPECIFIED IN THE TENDER DOCUMENTS.
 5. THERMAL BLANKETS SHALL BE SUPPLIED & INSTALLED TO ALL VALVES IN THE PLANT ROOMS. ALL SHALL BE APPLIED STRICTLY IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS.
 6. PIPEWORK RUN AT HIGH LEVEL SHALL GENERALLY BE MOUNTED IN M10 PIPEWORK CLIPS C/W INSULATION INSERTS OR M11 BRACKETS C/W INSULATION INSERTS MOUNTED ON GALVANISED STEEL SUPPORTS. ALL SUPPORTS SHALL BE ANCHORED TO THE STRUCTURE. LASE WITH STRUCTURAL ENGINEER PRIOR TO COMMENCING WORKS.
 7. ALLOW FOR KEY VENT PIPES AT HIGH POINTS ON F&R PIPEWORK EXTENDED TO BELOW CEILING LEVEL.
 8. ALLOW FOR DRAIN COCKS AT END OF ALL LOW LEVEL PIPEWORK BRANCHES.
 9. ALL LTHW PIPEWORK TO BE MEDIUM GRADE STEEL UNLESS INDICATED OTHERWISE.
 10. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR OFFSETS IN PIPEWORK AS REQUIRED FOR COORDINATION WITH SERVICE OPENINGS, STRUCTURAL ELEMENTS AND OTHER SERVICES.
 11. ALL PIPED SERVICES PENETRATIONS THROUGH WALLS AND FIRE COMPARTMENTS SHALL BE SLEEVED. SLEEVES SHALL BE IN ONE LENGTH AND SHALL BE FIXED SQUARE AND FLUSH WITH THE SURFACE OF THE FINISHED WALL/COMPARTMENT. THE SLEEVES SHALL BE BUILT INTO THE WALL/COMPARTMENT AND SUITABLY FIRE SEALED.
 12. THE MECHANICAL CONTRACTOR SHALL ALLOW FOR DRAINING DOWN THE EXISTING HEATING SYSTEM AS REQUIRED TO FACILITATE WORKS AND FOR RE-FILLING & BALANCING THE ENTIRE SYSTEM AS REQUIRED FOLLOWING COMPLETION OF WORKS.
 13. FINAL LOCATION OF ALL CONNECTIONS TO EXISTING SYSTEMS TO BE AGREED ON SITE PRIOR TO COMMENCEMENT OF WORK. MODIFICATIONS TO EXISTING SYSTEMS TO BE AGREED WITH THE BUILDING SERVICES ENGINEER PRIOR TO COMMENCING WORKS.

- LEGEND:
- PIPED SERVICE AT LOW LEVEL
 - - - PIPED SERVICE AT HIGH LEVEL
 - x - x - x - EXISTING PIPED SERVICE TO BE DISCONNECTED & REMOVED

A	Tender Issue	23-Jun-2026	FD	JG
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: Emergency Works Scheme Boiler Upgrade at Castleknock Community College Carpenterstown Road, Castleknock, Dublin 15				
drawing title: LTHW Heating Services Layout				
scale: 1:50 @A1				
project number: 0835		drawing number: Volume A. 3.3 - M1		