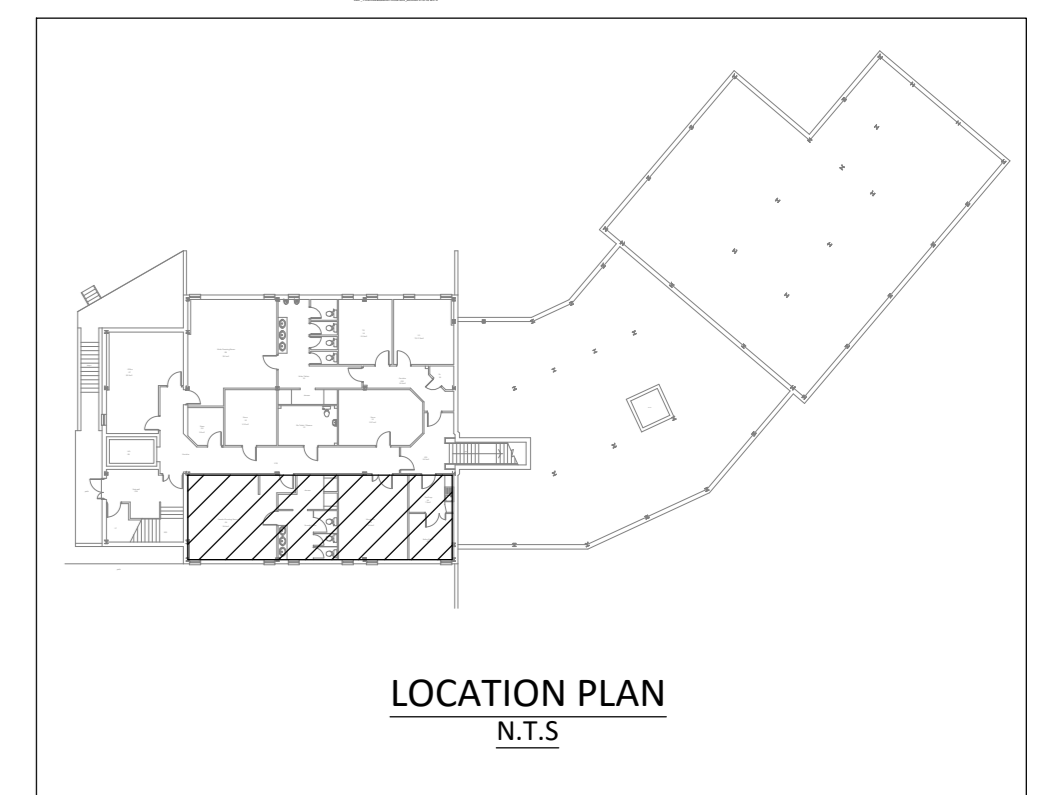
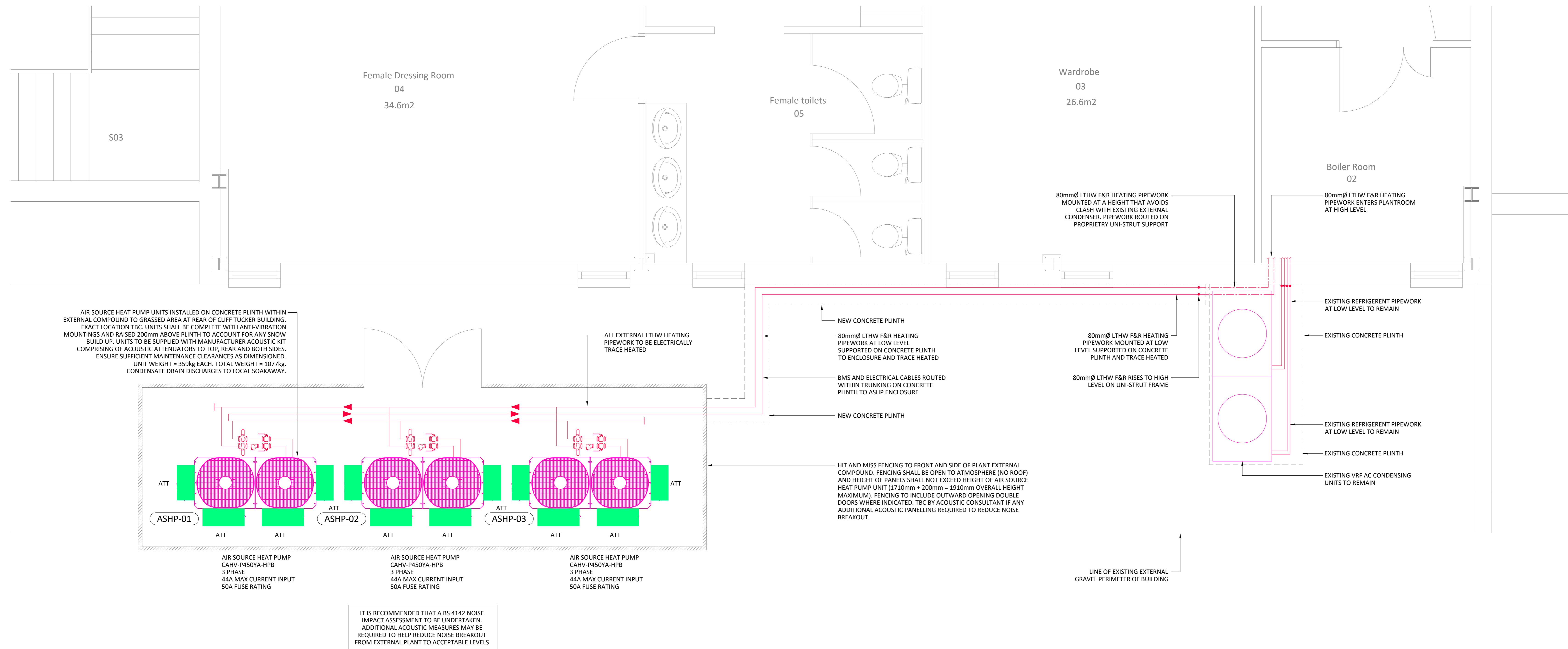


- LEGEND:**
- HEATING PIPEWORK AT LOW LEVEL INSULATED AND TRACE HEATED
 - HEATING PIPEWORK AT HIGH LEVEL

- NOTES:**
- INCLUDE FOR GRP SURVEY PRIOR TO EXCAVATION WORKS TO CONFIRM ALL PROPOSED SERVICE ROUTES AND TO IDENTIFY ANY EXISTING UNDERGROUND SERVICES WITHIN THE WORK AREA.
 - CONTRACTOR SHALL UNDERTAKE ALL EXTERNAL SERVICES WORKS AS A COMPLETE PACKAGE INCLUDING DESIGN OF EXTERNAL COMPOUND, CONCRETE PLINTH. MAKE GOOD TO GROUND AFTERWARDS TO MATCH EXISTING.
 - ALL PIPEWORK ABOVE GROUND SHALL BE THERMALLY INSULATED WITH FOIL FACED MINERAL WOOL INSULATION. PIPEWORK SHALL BE ADDITIONALLY WEATHER PROTECTED WITH ARMA-CHECK-R FLEXIBLE POLYMER COVERING SYSTEM.
 - INCLUDE FOR ASSOCIATED CONDENSATE PIPEWORK FROM AIR SOURCE HEAT PUMPS TO LOCAL SOAK AWAY.
 - REFER TO THE MECHANICAL SPECIFICATION FOR FURTHER DETAILS INCLUDING MATERIAL SPECIFICATIONS.
 - REFER TO THE EXTERNAL ELECTRICAL SERVICES DRAWING FOR PROPOSED ELECTRICAL DISTRIBUTION ROUTING.

- STANDARD NOTES:**
- DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS ARE TO BE VERIFIED FROM SITE MEASUREMENT PRIOR TO COMMENCEMENT ON SITE.
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS INCLUDING BUT NOT LIMITED TO: ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL AND PUBLIC HEALTH DRAWINGS, SPECIFICATIONS AND SCHEDULES.
 - COORDINATE ALL SERVICES ACCESS POSITIONS WITH ALL OTHER TRADES.
 - ALL SERVICES PENETRATING FIRE COMPARTMENTS AND FIRE BARRIERS SHALL BE FIRE STOPPED TO THE SAME STANDARD AS THE BUILDING ELEMENT THEY PENETRATE.
 - ALL PLANT AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS INCLUDING OBSERVATION OF MANUFACTURERS MAINTENANCE CLEARANCES.
 - INCLUDE FOR THE DESIGN AND INSTALLATION OF ALL SERVICES SUPPORTS, BRACKETS, SECONDARY STEEL, FIXINGS, PATRESSES AND ANY OTHER ITEM REQUIRED TO SUSPEND OR SUPPORT M&E SERVICES. SUBMIT TO THE STRUCTURAL ENGINEER FOR REVIEW WHERE NECESSARY INCLUDING FIXINGS INTO CONCRETE.



LOCATION PLAN
N.T.S.

This drawing was prepared by Davies Partnership for the benefit of our client pursuant to a contract which limits the purposes for which the drawing may be used. Davies Partnership retains the copyright. Do not scale from this drawing.

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Project Title: Y LLWYFAN

Drawing Title: MECHANICAL EXTERNAL SERVICES LAYOUT

Project No: 22213 Scale: 1:25 Paper Size: A0
Drawing No: 22213-DPL-XX-EX-D-M-5600