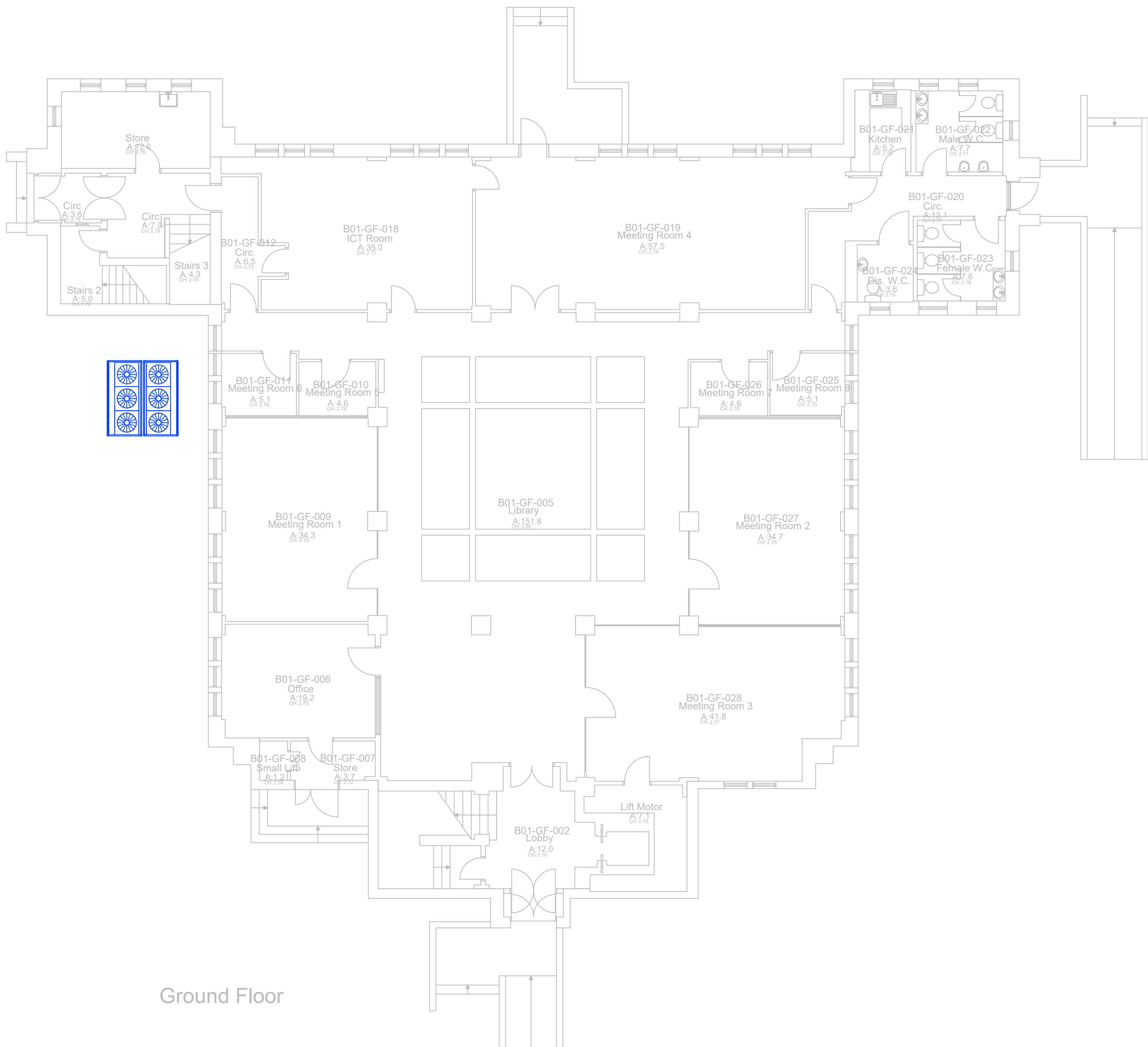




Ground Floor

1 PROPOSED ASHP LOCATION
1:100

NOTES

- ALL PIPEWORK INSTALLATIONS TO BE PRESSURE TESTED PRIOR TO OPERATION OF THE SYSTEM.
- ALTHOUGH NOT SHOWN, AT EACH HIGH POINT, AUTOMATIC AIR VENTS SHALL BE INSTALLED IN AND AT EACH LOW POINT DRAIN COCKS SHALL BE INSTALLED.
- ALL PIPEWORK THAT PASSES THROUGH FIRE BARRIER/COMPARTMENTS SHALL BE FIRE PROTECTED BY SUFFICIENT MEANS.
- BRACKETS AND SUPPORTS ARE NOT SHOWN FOR CLARITY. ALL NECESSARY SUPPORTS/ BRACKETS FOR PIPEWORK, VALVES, FLANGES, UNIONS ETC. SHALL BE INCLUDED AS DESCRIBED WITHIN THE MECHANICAL SPECIFICATION.
- THERMAL INSULATION IS NOT SHOWN FOR CLARITY. ALL NECESSARY THERMAL INSULATION SHALL BE INCLUDED AS DESCRIBED WITHIN THE MECHANICAL SPECIFICATION.
- ALL FLOW MEASUREMENT DEVICES SHALL BE INSTALLED AT LEAST 10 DIAMETERS UPSTREAM AND 5 DIAMETERS DOWNSTREAM OF ANY FITTINGS AND IN ACCORDANCE WITH MANUFACTURES RECOMMENDATIONS.
- ALL HOLES THROUGH WALLS/FLOORS/ROOF SHALL BE FORMED AND MADE GOOD BY THE MAIN CONTRACTOR.

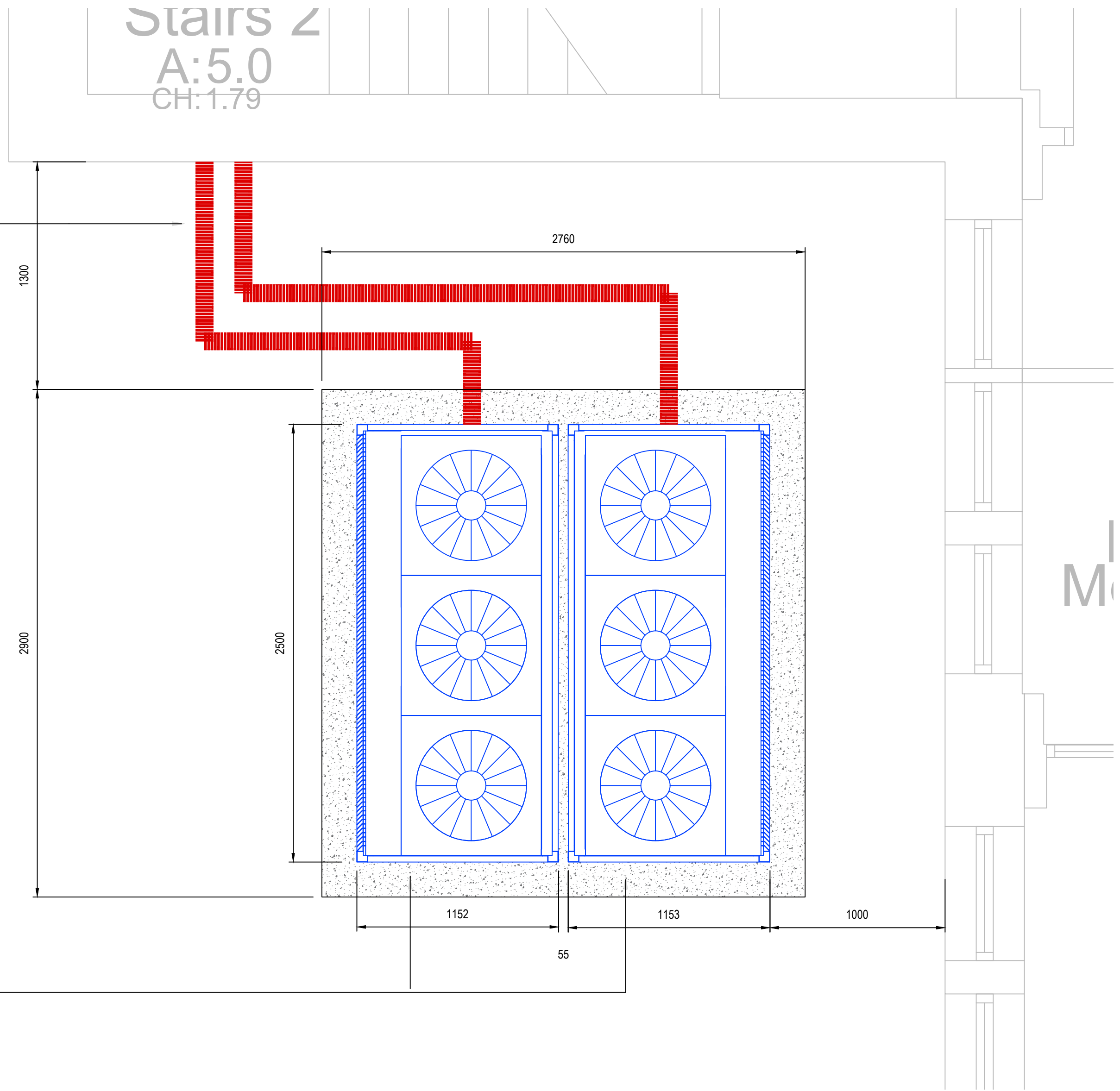
LEGEND

- PIPEWORK WITHIN CEILING VOID
- PIPEWORK AT HIGH LEVEL
- PIPEWORK AT LOW LEVEL
- PIPEWORK BELOW GROUND
- PIPEWORK RISE / DROP
- PUMP
- LTHW FLOW AND RETURN
- PRIMARY FLOW AND RETURN
- MAINS COLD WATER
- DOMESTIC HOT WATER
- DOMESTIC HOT WATER RETURN
- FLUE DUCTWORK
- PUMPSET

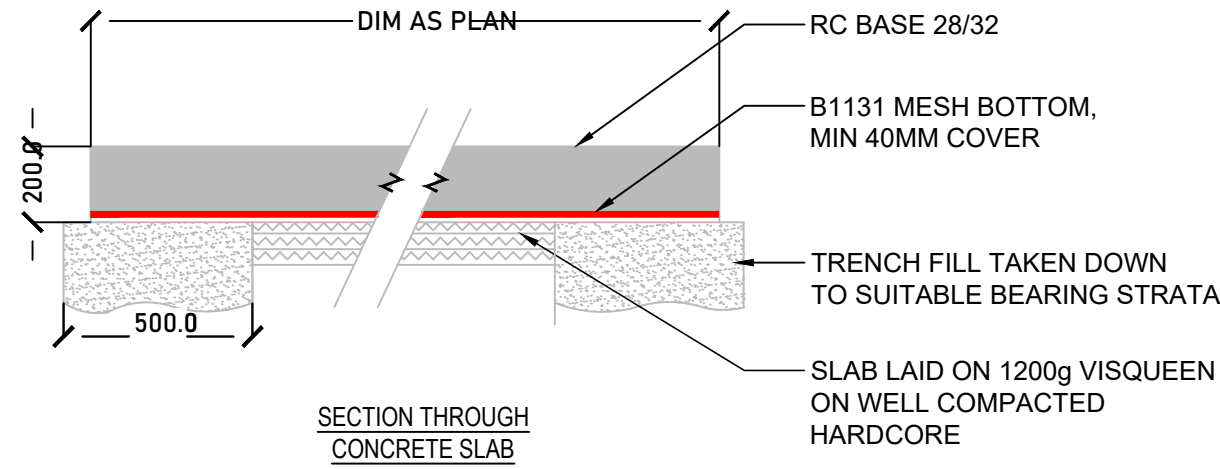
PIPEWORK DROPS TO BELOW AND CONTINUES WITHIN PLANTROOM
PIPEWORK RUNS ON CABLE TRAY
MOUNTED ON BIGFOOT SUPPORTS
TO BUILDING

2no. 75kW ACER CO2 AIR SOURCE
HEAT PUMPS

2 PROPOSED ASHP LOCATION
1:20



3 CONCRETE BASE DETAIL
1:25



B	06.01.23	REVISED TO REFLECT COMMENTS
A	16.12.22	REVISED TO SHOW CONCRETE BASE
Rev	Date	Details
Drawing Title: PROPOSED EXTERNAL PLANT		
Drawing No. 6778-M-DR-05		Sheet No. 01
Site Address: THE PLACE		
Client Drawing Ref: -		
Project Manager: JA	Designed By: AC	Date: NOV'22
Scale @ A1: 1:20	Drawn By: AC	Revision: B