ALL EXISTING HEATING SYSTEM EQUIPMENT AND PIPEWORK TO BE STRIPPED-OUT OF THE BASEMENT PLANTROOM AREA

NEW MECHANICAL CONTROL PANEL WITH BMS FUNCTIONALITY AND ENERGY MONITORING. TO BE INTEGRATED WITH EXISTING SYSTEMS

COMMERCIAL MAGNETIC WATER CONDITIONING SYSTEM

PLATE HEAT EXCHANGER TO HYDRAULICALLY PROTECT NEW BOILERS

PRESSURISATION UNIT AND EXPANSION VESSEL FOR HEATING SYSTEM SECONDARY SIDE OF PHE

NEW GAS FIRED CONDENSING BOILERS

PRESSURISATION UNIT AND EXPANSION VESSEL FOR HEATING SYSTEM PRIMARY SIDE OF PHE

NEW BOILER FAN ASSISTED FLUE HEADER

NEW PAXTON SUITE CT AND VT HEATING CIRCULATION PUMPS, CONNECT ONTO EXISTING HEATING CIRCUITS WITHIN BOILER ROOM

NEW MAIN BUILDING AND OFFICE/OCTAGON KITCHEN & FOYER HEATING ZONE CIRCULATION PUMPS

NEW BOILER FLUE HEADER TO ABOVE. FLUE TO RISE UP EXISTING CHIMNEY. CHIMNEY TO HAVE NEW FLUE LINER INSTALLED.

NEW HEATING PIPEWORK EXITS BASEMENT BOILER ROOM AT HIGH-LEVEL INTO RESTAURANT FLOOR AREA- SEE LEVEL 0 DRAWINGS

[redacted]

0mm 250 500 750 1500mm

ORIGINAL SHEET SIZE A1

1:25

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Notes:

REV	ISSUED	DATE	CHECKED	DATE	APPROVED	DATE
P01	NW	28/02/25	NW	28/02/25		

LISTED BUILDING CONSENT

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CLIENT
Alliance Norse

PROJECT
Buxton Pavilion - Replacement Boilers and Associated works

TITLE
Proposed Mechanical Services
Level -1 (Basement Plant Room)

SCALES	DISCIPLINE	PROJECT NUMBER
1:25	MECH ENG	117109

DRAWING NUMBER	REV CODE
HBS - 00 - B1 -DR- M - 5640	P01

STATUS CODE	PURPOSE OF ISSUE	Drawn	Approved
S3	FOR REVIEW	DH	
		Checked NW	

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