2. ALL DUCTWORK SHALL BE INSTALLED IN ACCORDANCE WITH DW144

THE MECHANICAL SERVICES CONTRACTOR SHALL ALLOW FOR ALL DUCTWORK IS FOR CONNECTION ONTO THE SUPPLY GRILLES, EXTRACT GRILLES, ATTENUATORS, LINEAR GRILLES & VRV UNITS.

4. FLEXIBLE CONNECTIONS ON DUCTWORK TO BE A MAXIMUM OF 0.5 METRES IN LENGTH.

5. ALL DUCTWORK CONNECTIONS TO AHU'S TO BE c/w ACOUSTIC FLEXIBLE CONNECTIONS.

6. ALL DUCTWORK PASSING THROUGH FIRE WALLS TO BE SEALED WITH INTUMESCENT

SPIROVENT SUPERIOR SV4-6 VACUUM DEGASSER &

SEPARATE UNIT CONNECTIONS ON RETURN PIPEWORK

DIRT SEPARATOR INSTALLED ON 150mm RETURN

PRESSURISATION UNIT. TO BE INSTALLED AT LOW LEVEL ON A SUITABLE PLINTH WITH BACK SUPPORT FORM THE UNIT AS DETAILED IN MANUFACTURERS INSTRUCTIONS. 500mm TO

7. MECHANICAL SERVICES CONTRACTOR TO PROVIDE ALL PRIMARY & SECONDARY STEELWORK SUPPORTS FOR THE DUCTWORK SYSTEM AS REQUIRED.

8. ALL AHU'S SHALL BE POSITIONED ON ISOLATION PADS IN ACCORDANCE WITH ATTENUATOR MANUFACTURERS REQUIREMENTS.

9. THE MECHANICAL SERVICES CONTRACTOR SHALL ALLOW FOR WEATHERING APRONS/CRAVATS TO ALL ROOF PENETRATIONS.

10. THE MECHANICAL SERVICES CONTRACTOR SHALL ALLOW FOR TESTING & COMMISSIONING OF THE INSTALLED SYSTEM & PROVIDING "AS INSTALLED" DRAWINGS & O & M MANUALS

11. ALL DUCTWORK SHALL BE INSULATED c/w ID BANDS.

12. THE MECHANICAL SERVICES CONTRACTOR MUST FULLY CO-OF SERVICES BEFORE COMMENCING WORKING DRAWING PRODUCTION 13. THE MECHANICAL SERVICES CONTRACTOR SHALL ALLOW FOR SITE SURVEYING THE

STRUCTURE. NO COST FOR LACK OF CO-ORDINATION SHALL E

14. ALL DUCTWORK TAPER SECTIONS ARE TO BE FLAT ON TOP UNLESS OTHERWISE STATED.

15. ALL FIRE DAMPERS AND VOLUME CONTROL DAMPE SHALL BE FITTED WITH ACCESS

EXISTING INSTALLATION AND CO-ORDINATING WITH THE EXISTING SERVICES/BUILDING

16. ALL PLENUM BOXES SHALL BE SUPPORTED FROM THE SOFFIT.

17. ALL FIRE DAMPERS INCLUDING CASING & BLADES SHALL BE FULLY STAINLESS STEEL

THE MECHANICAL SERVICES CONTRACTOR SHALL SITE MEASURE ALL DUCTWORK

CONNECTIONS ONTO LOUVRES AND ALLOW FOR DUCTWORK TRANSFORMATIONS. 19. THE MECHANICAL SERVICES CONTRACTOR IS TO ENSURE THAT ALL FIRE DAMPER ARE RE-SETABLE & MAINTAINABLE, & THAT ALL DAMPERS, WHETHER FIRE OR BALANCING HAVE ACCESS

DOORS.

CES CONTRACTOR SHALL ALLOW FOR ALL LOW POINTS ON THE MPLETE WITH DRAINCOCKS.

NICAL SERVICES CONTRACTOR SHALL ALLOW FOR ALL HIGH POINTS ON THE STEM TO BE COMPLETE WITH AIR VENTS & BOTTLES.

ALL PIPEWORK PASSING THROUGH PLANTROOM WALLS/FIRE WALLS ARE TO HAVE

INTUMESCENT FIRE SLEEVES.

4. ALL RADIATORS TO BE FITTED WITH TRV's ON THE FLOW PIPEWORK & MATCHING LOCKSHIELD VALVES ON THE RETURN PIPEWORK.

THE MECHANICAL SERVICES CONTRACTOR SHALL ALLOW FOR ALL NECCESSARY ELBOWS & BRACKETS etc TO FULLY COORDINATE WITH THE BUILDING STRUCTURE & ALL MECHANICAL & ELECTRICAL SERVICES.

THE MECHANICAL SERVICES CONTRACTOR SHALL INDICATE WHERE ACCESS HATCHES ARE REQUIRED & PROVIDE INFORMATION TO THE MAIN CONTRACTOR.

THE MECHANICAL SERVICES CONTRACTOR SHALL ALLOW FOR TESTING & COMMISSIONING OF THE INSTALLED SYSTEM & PROVIDING "AS INSTALLED" DRAWINGS

8. ALL PIPEWORK SHALL BE INSULATED c/w ID BANDS.

THE MECHANICAL SERVICES CONTRACTOR SHALL INSTALL THE 2 7 3-PORT VALVE RRANGEMENT AS THE STANDARD DETAILS TO ALL HEATER BATTERIES - SEE

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For this drawing to be plotted as intended, the B3Bgeneral.stb Plot Style must be used as included in .zip folder version

-01/01

32mm LPHW VT2 F&R RUN AT HIGH LEVEL TO SERVE SPA UNDER FLOOR **HEATING SYSTEM** 65mm LPHW CT F&R RUN AT HIGH LEVEL FROM PUMP SET TO SERVE THE

TO BE USED WITHIN 1.2m OF PANEL

150mm CONNECTIONS FOR BOILER FLOW & RETURN SHUNT CIRCUIT AT

 HEATING CIRCUIT FLOW BRANCHES FROM UNDERSIDE OF THE HEADER THEN DROP TO LOW LEVEL TO FEED PUMP SETS. DISCHARGE FROM PUMPS TO THEN RISE TO HIGH LEVEL

EITHER SIDE OF UNDERSIDE

• REFER TO SCHEMATIC DRAWING 500/XX/01 FOR DETAILS OF VALVE

1.5m²). PLENUM BOX AT BOTTOM OF BUILDERS WORK SHAFT IN

76mm BTCW DROPS TO LOW LEVEL TO SERVE THERMAL STORE c/w 76mm PREHEATED WATER TO FEED DHW BUFFERS VESSELS c/w UNVESTED

> T4 16/04/15 Cold Water Storage Tank Moved from Floor Laundry Room Roof. 06/06/14 TENDER ISSUE P2 26/06/12 Boiler Flues Updated P1 28/05/12 Preliminary Issue



Cl2 13/01/16 Sewage lift pump added to plantroo



FOR FULL DETAILS OF THE PLANT LAYOUT AND

ANCILLARIES PLEASE REFER TO DRAWING

71009/C/M/500/XX/01

THIS DRAWING DOES NOT CONTAIN ALL INFORMATION.

PLANT & COMPONENTS FOR DRAWING CLARITY

PURPOSES

FOR DETAILS OF THE PROPOSED GAS MAIN SERVICE

SEE DRAWING

71009/C/M/540/XX/01

APS PD

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www.b3.co.uk

uctwork diverted from DHW plant ection A-A & B-B reference added

T5 03/06/15 Cold Water Storage Tank & MCWS Relocated.

O Bradford O Cardiff O Glasgow

Manchester O Newcastle O Newtown

Buxton Crescent & Spa

High Peak Borough Council Basement Plantroom Plan Boiler Room Layout

DD 4.50 @ A4

