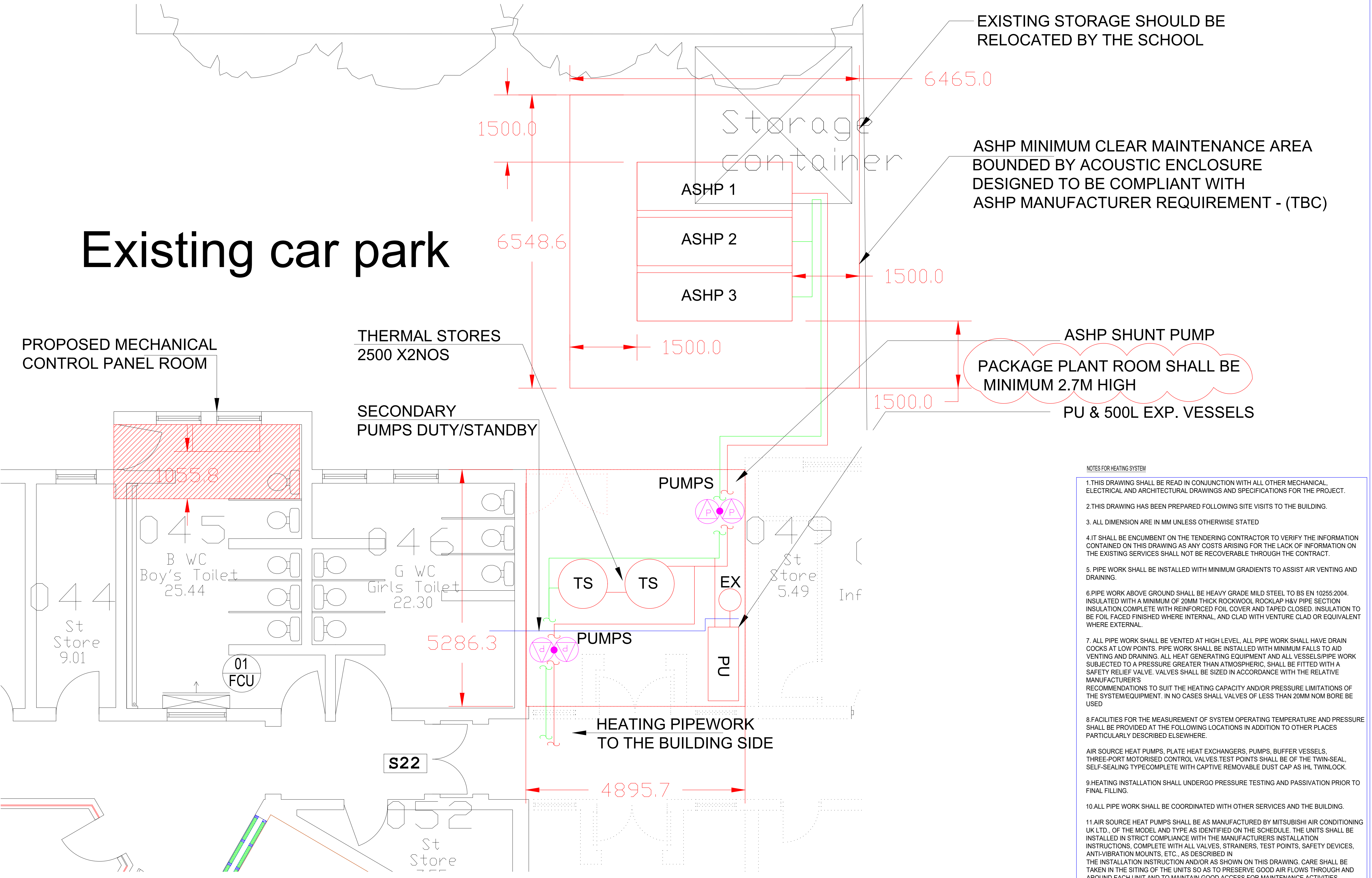




NOTES FOR HEATING SYSTEM

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER MECHANICAL, ELECTRICAL AND ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR THE PROJECT.
 2. THIS DRAWING HAS BEEN PREPARED FOLLOWING SITE VISITS TO THE BUILDING.
 3. ALL DIMENSION ARE IN MM UNLESS OTHERWISE STATED
 4. IT SHALL BE ENCUMBENT ON THE TENDERING CONTRACTOR TO VERIFY THE INFORMATION CONTAINED ON THIS DRAWING AS ANY COSTS ARISING FOR THE LACK OF INFORMATION ON THE EXISTING SERVICES SHALL NOT BE RECOVERABLE THROUGH THE CONTRACT.
 5. PIPE WORK SHALL BE INSTALLED WITH MINIMUM GRADIENTS TO ASSIST AIR VENTING AND DRAINING.
 6. PIPE WORK ABOVE GROUND SHALL BE HEAVY GRADE MILD STEEL TO BS EN 10255:2004. INSULATED WITH A MINIMUM OF 20MM THICK ROCKWOOL ROCKLAP H&V PIPE SECTION INSULATION, COMPLETE WITH REINFORCED FOIL COVER AND TAPED CLOSED. INSULATION TO BE FOIL FACED FINISHED WHERE INTERNAL, AND CLAD WITH VENTURE CLAD OR EQUIVALENT WHERE EXTERNAL.
 7. ALL PIPE WORK SHALL BE VENTED AT HIGH LEVEL, ALL PIPE WORK SHALL HAVE DRAIN COCKS AT LOW POINTS. PIPE WORK SHALL BE INSTALLED WITH MINIMUM FALLS TO AID VENTING AND DRAINING. ALL HEAT GENERATING EQUIPMENT AND ALL VESSELS/PIPE WORK SUBJECTED TO A PRESSURE GREATER THAN ATMOSPHERIC, SHALL BE FITTED WITH A SAFETY RELIEF VALVE. VALVES SHALL BE SIZED IN ACCORDANCE WITH THE RELATIVE MANUFACTURER'S RECOMMENDATIONS TO SUIT THE HEATING CAPACITY AND/OR PRESSURE LIMITATIONS OF THE SYSTEM/EQUIPMENT. IN NO CASES SHALL VALVES OF LESS THAN 20MM NOM BORE BE USED
 8. FACILITIES FOR THE MEASUREMENT OF SYSTEM OPERATING TEMPERATURE AND PRESSURE SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS IN ADDITION TO OTHER PLACES PARTICULARLY DESCRIBED ELSEWHERE.
 9. HEATING INSTALLATION SHALL UNDERGO PRESSURE TESTING AND PASSIVATION PRIOR TO FINAL FILLING.
 10. ALL PIPE WORK SHALL BE COORDINATED WITH OTHER SERVICES AND THE BUILDING.
 11. AIR SOURCE HEAT PUMPS SHALL BE AS MANUFACTURED BY MITSUBISHI AIR CONDITIONING UK LTD., OF THE MODEL AND TYPE AS IDENTIFIED ON THE SCHEDULE. THE UNITS SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS, COMPLETE WITH ALL VALVES, STRAINERS, TEST POINTS, SAFETY DEVICES, ANTI-VIBRATION MOUNTS, ETC., AS DESCRIBED IN THE INSTALLATION INSTRUCTION AND/OR AS SHOWN ON THIS DRAWING. CARE SHALL BE TAKEN IN THE SITING OF THE UNITS SO AS TO PRESERVE GOOD AIR FLOWS THROUGH AND AROUND EACH UNIT AND TO MAINTAIN GOOD ACCESS FOR MAINTENANCE ACTIVITIES.
 12. BUFFER VESSELS SHALL BE AS IDENTIFIED ON THIS DRAWING, COMPLETE WITH FACTORY APPLIED INSULATION AND OUTER PROTECTIVE SHELL. THE BUFFER VESSEL SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS AND SHALL BE INSTALLED WITH ALL ACCESSORIES, VALVES, AIR VENTS AND SAFETY DEVICES AS SHOWN ON THE DRAWING AND/OR AS REQUIRED BY THE VESSEL MANUFACTURER.
 13. PRESSURISATION UNITS SHALL BE AS MANUFACTURED BY MIKROFIL THEIR EFD MODEL OR OTHER EQUAL MANUFACTURER AND MODEL, INSTALLED COMPLETE WITH EXPANSION VESSEL OF THE MINIMUM VOLUME IDENTIFIED.
- THE PRESSURISATION UNIT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER INSTALLATION INSTRUCTIONS

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REV	DATE	DETAILS	

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PUBLIC SECTOR DECARBONISATION SCHEME

PROJECT:
DEAN TRUST PARK VIEW ACADEMY

DRAWING:
PARK VIEW ACADEMY
PROPOSED EXTERNAL PLANTROOM LAYOUT

SCALE: 1:200@A0	DRAWN BY: SR	CHECKED BY: CG	DATE: APR 23
JOB: BD1645	DRAWING: M3	REVISION:	STATUS: 1