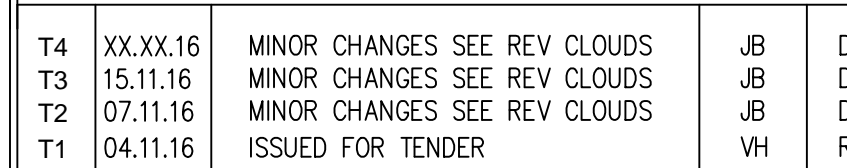


KEY & NOTES



Rev	Date	COMMENTS	DRAWN	APPROVED
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Project
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HAMPSTEAD
NW3 7NA

Drawing Title

PLANTROOM LAYOUT

LOWER GROUND FLO

TENDER

Scale	Date	Drawn
1:20 @ A1	AUG 2016	VH

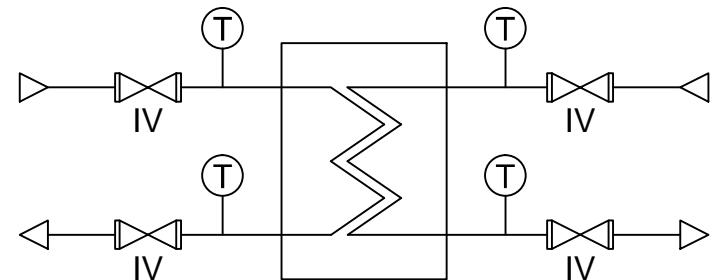
Drawing No.
IC - 01016 - PL - 090

Revisions
T4

POSSIBLE FUTURE DISTRICT HEATING CONNECTION OPTIONS

- ① : DISTRICT HEATING ONLY, CHP & BOILERS REMOVED - CONNECT HEAT EXCHANGER AT A & B.
- ② : DISTRICT HEATING WITH CHP RETAINED, BOILERS REMOVED - CONNECT HEAT EXCHANGER AT A & B.
- ③ : DISTRICT HEATING WITH BOILERS RETAINED, CHP REMOVED - CONNECT HEAT EXCHANGER AT C & D.

FUTURE DISTRICT HEATING SYSTEM FLOW & RETURN

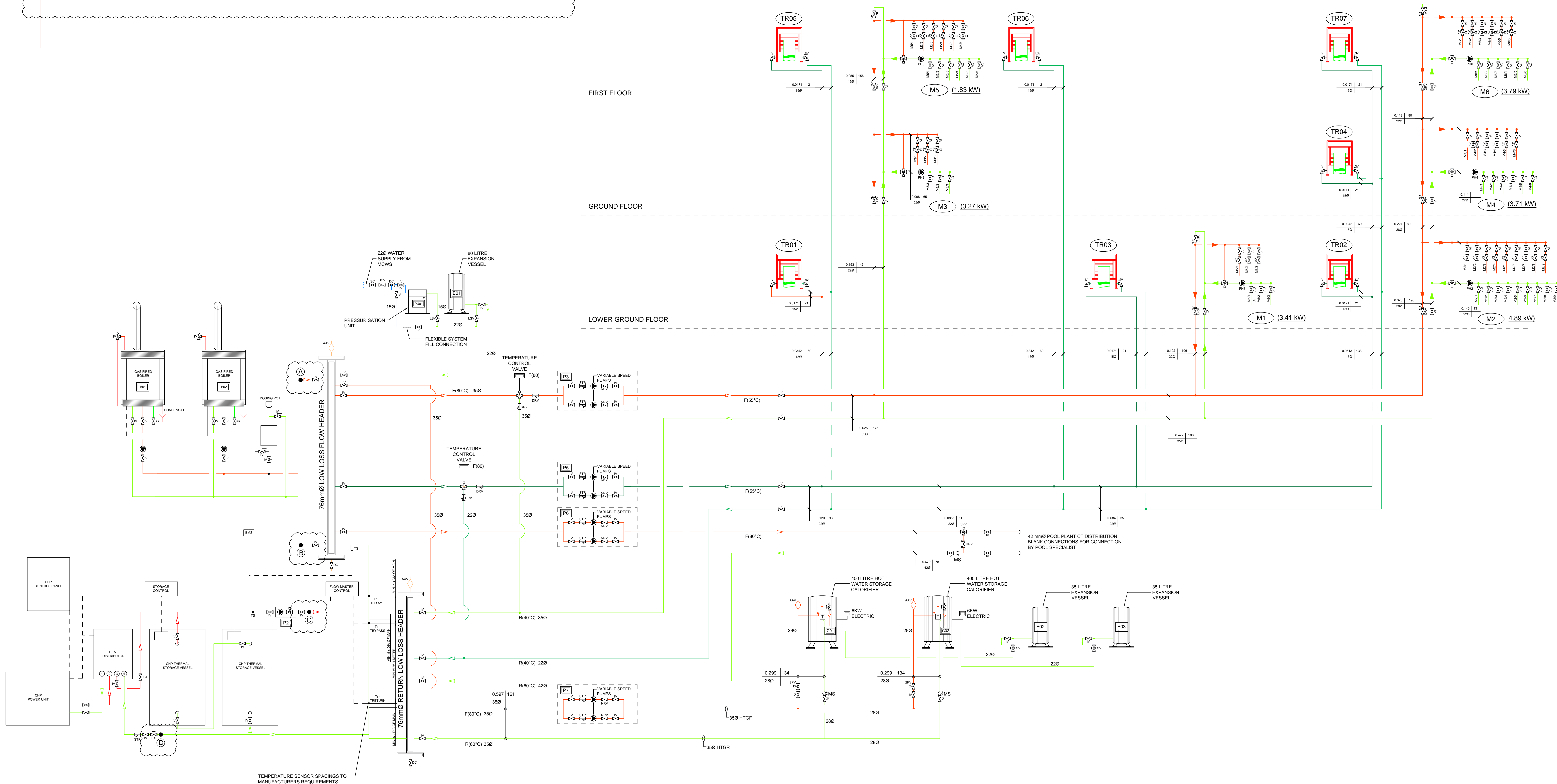


HOUSE LTHW FLOW & RETURN

FIRST FLOOR

GROUND FLOOR

LOWER GROUND FLOOR



TEMPERATURE SENSOR SPACINGS TO MANUFACTURERS REQUIREMENTS

DO NOT SCALE. ALL DIMENSIONS TO BE CHECKED ON SITE. THIS DRAWING IS COPYRIGHT. THIS DESIGN IS FOR INSPIRE CONSULTING INSTALLATION PURPOSES ONLY. RESPONSIBILITY IS TRANSFERRED IF ANY ALTERATION TO THIS DESIGN.

CONTRACTUAL NOTES :

1. THE CONTRACTOR IS TO NOTE THAT THIS IS A WORKING DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL SERIES DRAWINGS AND SPECIFICATIONS.
3. ALL EQUIPMENT SHALL BE INSTALLED TO THE MANUFACTURERS GUIDELINES/RECOMMENDATIONS AND SHOULD BE OF THE HIGHEST QUALITY.
4. ERRORS AND OMISSIONS ARE TO BE REPORTED TO THE PROJECT ADMINISTRATOR AND CONTRACT ADMINISTRATOR/EMPLOYER'S AGENT.
5. ALL LEVELS ARE IN METRES TO ORDNANCE DATUM (NEWLYN).
6. ALL ELECTRICAL WORK REQUIRED TO MEET THE REQUIREMENTS OF PART 6 (ELECTRICAL SAFETY) MUST BE DESIGNED, INSTALLED, INSPECTED AND TESTED BY A PERSON COMPETENT TO DO SO.
7. ALL ROOF MOUNTED METALLIC EQUIPMENT TO BE BONDED TO THE LIGHTNING PROTECTION SYSTEM.

ALL DIMENSIONS IN MILLIMETRES

CDM PRE-CONSTRUCTION INFORMATION

THE FOLLOWING INFORMATION IS PROVIDED IN PURSUANCE OF THE CURRENT REGULATIONS

KEY & NOTES

T2	02.05.16	MINOR CHANGES SEE REV CLOUDS	JB	DB
T1	04.11.16	ISSUED FOR TENDER	JB	DB

Rev	Date	Comments	Drawn	Appr.
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Drawing Title: HEATING SCHEMATIC
LOWER GROUND FLOOR

Status: TENDER

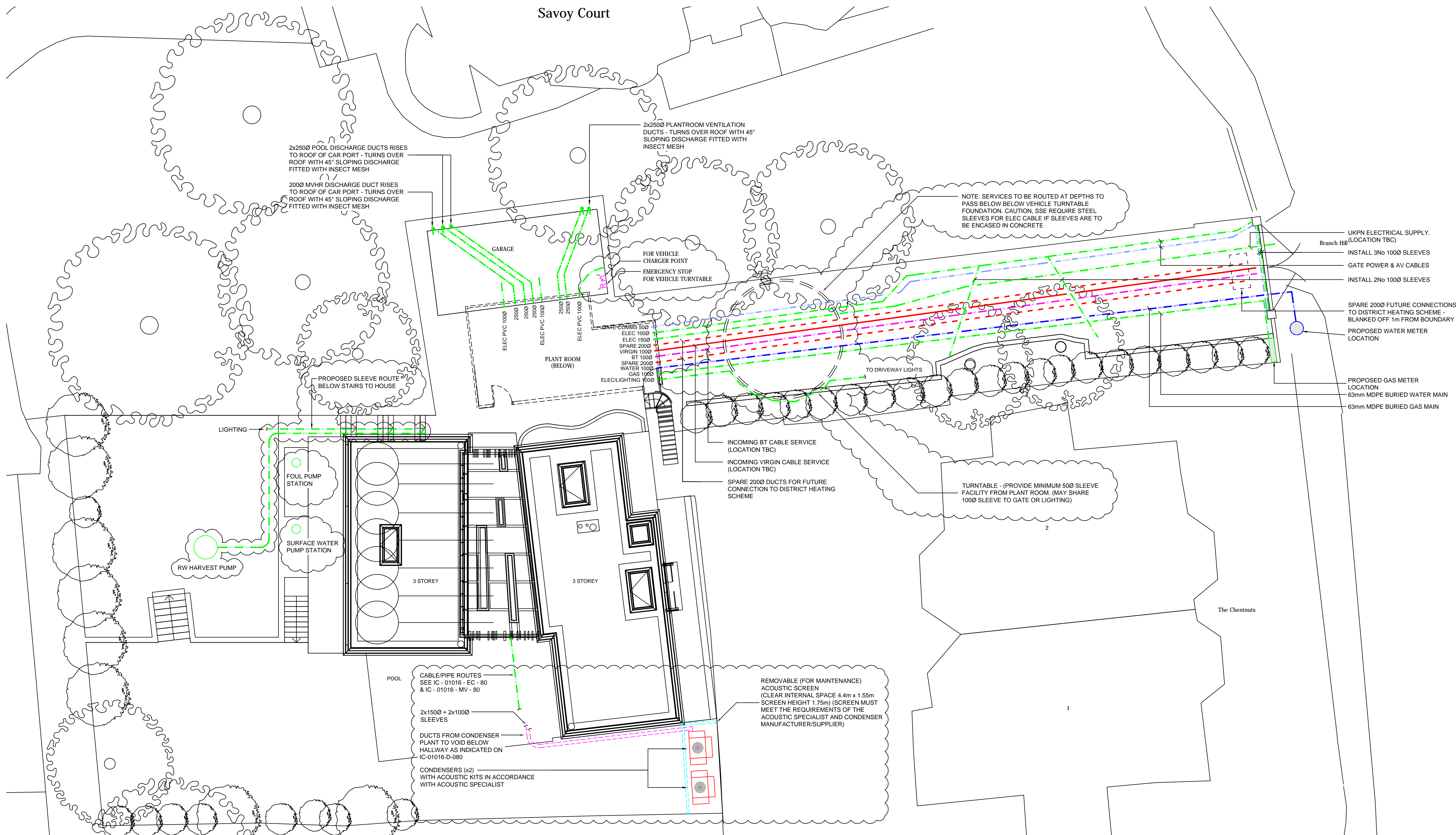
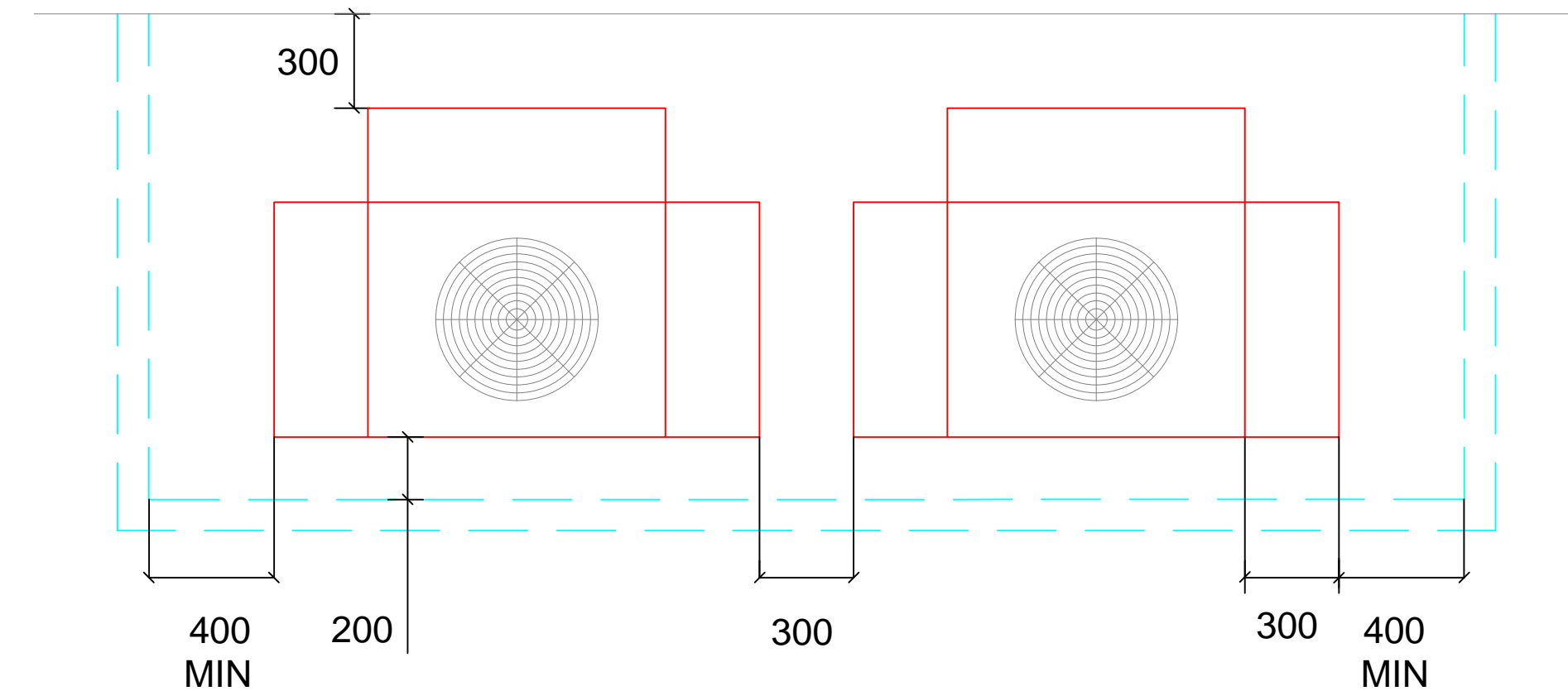
Scale: NTS @ A0 Date: OCT 2016 Drawn: JB

Drawing No: IC-01016 - SM - 102

Revision: T2

Figure 1 is a schematic diagram of the layout of the test facility. It shows a rectangular layout with dimensions. The total width is 600 units, divided into three 170-unit sections. The total height is 1200 units, with a 900-unit section at the bottom. Components include a B.T. (red circle), three Service ducts (green circles), a Main Elec. (green circle), a Gas inlet (hatched area), and an MCW (blue circle). Distances are marked: 170, 170, 170, 600, 375, 350, 300, and 600.

1. THE LAYOUT OF MAINS IS GENERALLY IN ACCORDANCE WITH THE REPORT OF JOINT COMMITTEE ON LOCATION OF UNDERGROUND SERVICES PUBLISHED BY THE INSTITUTION OF CIVIL ENGINEERS.
2. THE DIMENSIONS SHOWN REPRESENT THE PREFERRED MINIMUM DISTANCE TO BE MAINTAINED ON RESIDENTIAL ESTATES. VARIATIONS MAY BE NECESSARY AT CURVES & CHANGES OF GRADIENT.
3. THE SPACE ALLOCATED IS 2.0m TO BE THE ABSOLUTE MINIMUM AND IN CERTAIN CIRCUMSTANCES E.G. WHERE BOTH H.V AND L.V CABLES ARE LAID - THE L.V CABLE WILL BE LAID IN THE ALTERNATIVE POSITION & ADDITIONAL WIDTH MAY BE REQUIRED.
4. WHERE SERVICES ARE TO BE CONNECTED TO GAS MAINS MINIMUM DISTANCE OF 2.0m IS REQUIRED BETWEEN THE BUILDING LINE & THE CENTRE LINE OF THE MAIN.
5. REVISED IN LINE WITH IGE/TD/3.
DEPTH OF COVER OF GAS MAINS IN FOOTWAY - 600mm
DEPTH OF COVER OF GAS MAINS IN ROADWAY - 750mm
6. MINIMUM DISTANCE OF ANY SERVICE TO ANY SURFACE/FOUL WATER STRUCTURE IS 300mm



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5. ALL LEVELS ARE IN METRES TO ORDNANCE DATUM (NEWLYN)

THE FOLLOWING INFORMATION IS PROVIDED IN
PURSUANCE OF THE CURRENT CRM REGULATIONS

1. ALL ELECTRICAL WORK REQUIRED TO MEET THE REQUIREMENTS OF PART P (ELECTRICAL SAFETY) MUST BE DESIGNED, INSTALLED, INSPECTED AND TESTED BY A PERSON COMPETENT TO DO SO.
2. ALL ROOF MOUNTED METALLIC EQUIPMENT TO BE BONDED TO THE LIGHTNING PROTECTION SYSTEM

KEY & NOTES

T5	16.02.17	CHANGES FOR CONDENSERS, CAR CHARGERS & TURNTABLE	VH	RE
T4	15.11.16	MINOR CHANGES SEE REVCLOUD	VH	SB
T3	10.11.16	CONDENSER ARRANGEMENT AMENDED	JB	RE/DB
T2	04.11.16	PREVIOUS SCALE INCORRECT. UKPN ELEC ROUTE UPDATED	JB	RE/DB
T1	18.10.16	ISSUED FOR TENDER	JB	RE/DB

Rev	Date	COMMENTS	DRAWN	APR.
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Drawing Title
SITE WIDE SERVICES

Status	TENDER
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Scale	Date	Drawn
1:100 @ A1	JUL 2016	DB

Drawing No.	Revisions
IC - 01016 - SW - 100	T5