

LEGEND:

- IV ISOLATING VALVE
IV (NC) ISOLATING VALVE (NORMALLY CLOSED)
IVPS ISOLATING VALVE (WITH PLUGS)
LSV LOCK SHIELD VALVE
NRV NON RETURN VALVE
DC DRAIN COCK
GC GAS COCK
CS COMMISSIONING STATION
DRV DOUBLE REGULATING
STR STRAINER
GSV GAS SOLENOID VALVE
FC FLEXIBLE CONNECTOR
TBPV THERMOSTATIC BYPASS VALVE
 PUMP
 GAS METER
 WATER METER
 HEAT METER
TO METERING SYSTEM 2 PORT CONTROL VALVE
 3 PORT CONTROL VALVE
BT BENDER TEST POINT
LSV LOCK SHIELD VALVE
AAV AUTOMATIC AIR VENT
TUNISH WITH DISCHARGE TO FOUL DRAINAGE SYSTEM
DPCV DIFFERENTIAL PRESSURE CONTROL VALVE AND COMMISSIONING SET
OP Y ORIFICE PLATE
COPCV COMBINED DIFFERENTIAL PRESSURE AND CONTROL VALVE
SV SAFETY VALVE
ANTI VAC ANTI-VACUUM VALVE
N.BOX CONDENSATE COLLECTOR/ NEUTRALISER UNIT
 PRESSURE DIFFERENTIAL SENSOR
 THERMOMETER
 PRESSURE GAUGE SIPHON AND IV
 TEMPERATURE TRANSMITTER
 DIFFERENTIAL PRESSURE TRANSDUCER
 FLOW SWITCH
 DIGITAL OUTPUT TO ALARM
 ON/OFF CONTROL SIGNAL
 MODULATING OUTPUT
INVERTER INVERTER SPEED CONTROL
BAGNETI MOORE PROVIDES CONTROL & MONITORING OF EQUIPMENT OPERATION I.E.
-FAULT
-SET POINT
-WARNINGS
-ENABLE/DISABLE
-OPERATING CONDITIONS
CROSSHAIR CROSSHAIR

- MARKS COLD WATER
LOW TEMPERATURE HOT WATER FLOW
LOW TEMPERATURE HOT WATER RETURN

GENERAL NOTES

- THIS DRAWING IS NOT AN INSTALLATION DRAWING.
 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT REPORTS, SPECIFICATION, ARCHITECTURAL AND ENGINEERING DRAWINGS.
- REFER TO HEATING LAYOUT FOR COMMISSIONING VALVE LOCATIONS.

NO.	REV.	DESCRIPTION	DATE	BY	CHK.
01	01	ISSUED FOR CONSTRUCTION WITH WORKSET	11/11/21	AA	TC
02	01	REVISION	11/11/21	AA	TC
03	01	REVISION	11/11/21	AA	TC
04	01	REVISION	11/11/21	AA	TC

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STAGE 4

SUITABLE FOR STAGE APPROVAL

Client: THE HILLINGDON HOSPITAL NHS - FOUNDATION TRUST

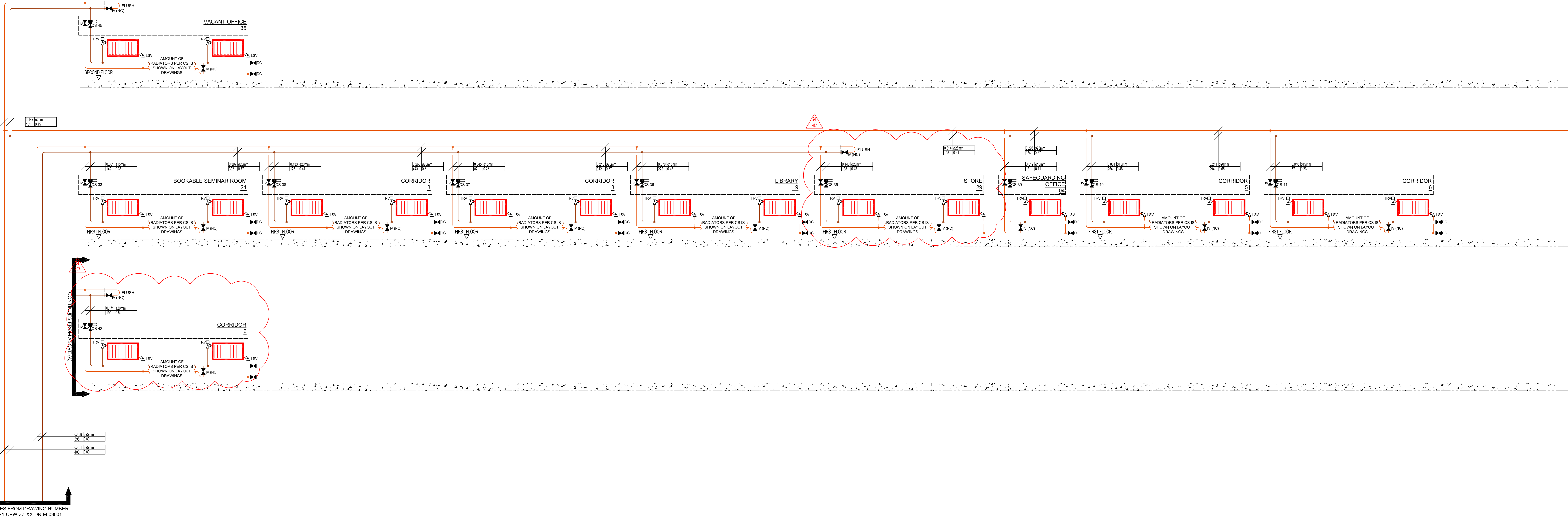
Project: HILLINGDON HOSPITAL - THE FURZE

Drawing Title: HEATING SCHEMATIC
SHEET 2 OF 2

Scale (A4): Date: SEPT '21 By: TC Ve: AA

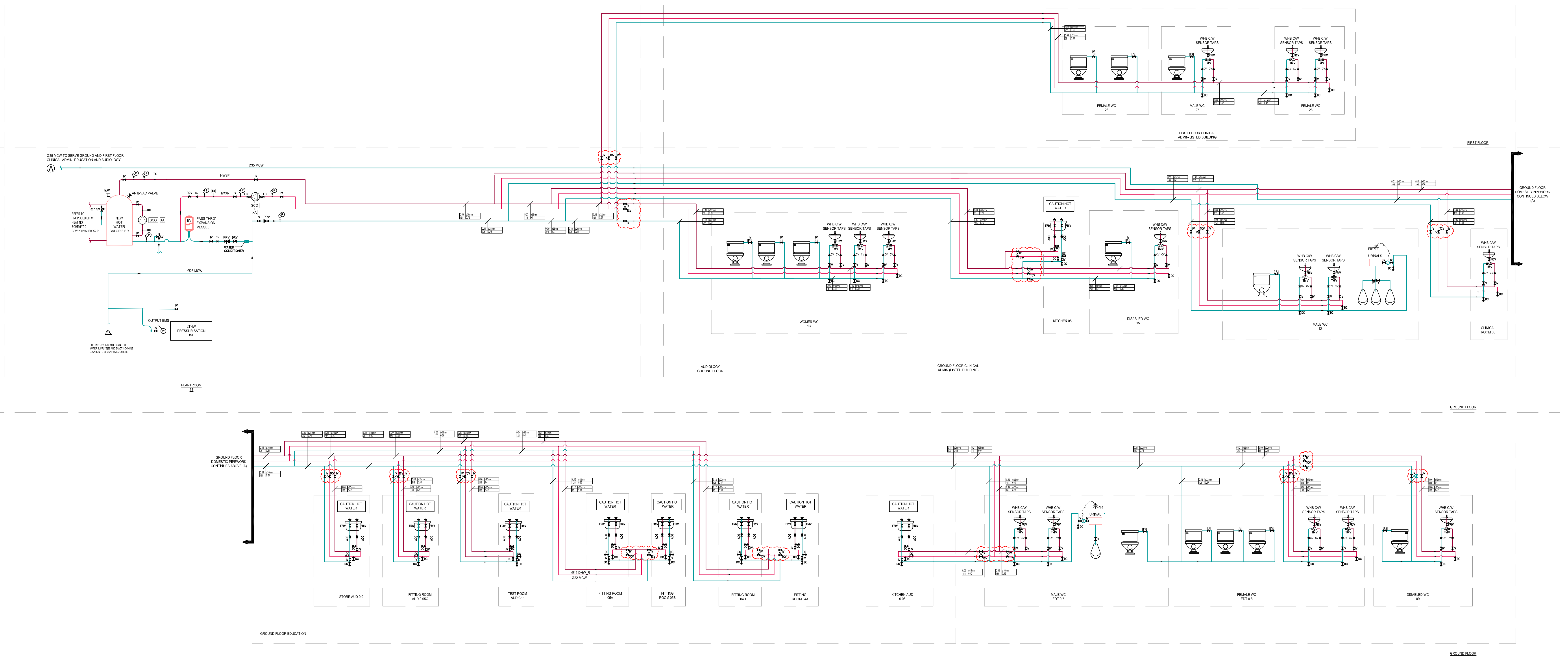
THHFP1-CPW-ZZ-XX-DR-M-03002 S4 P03

CPW Project No. 3028
Linked Files

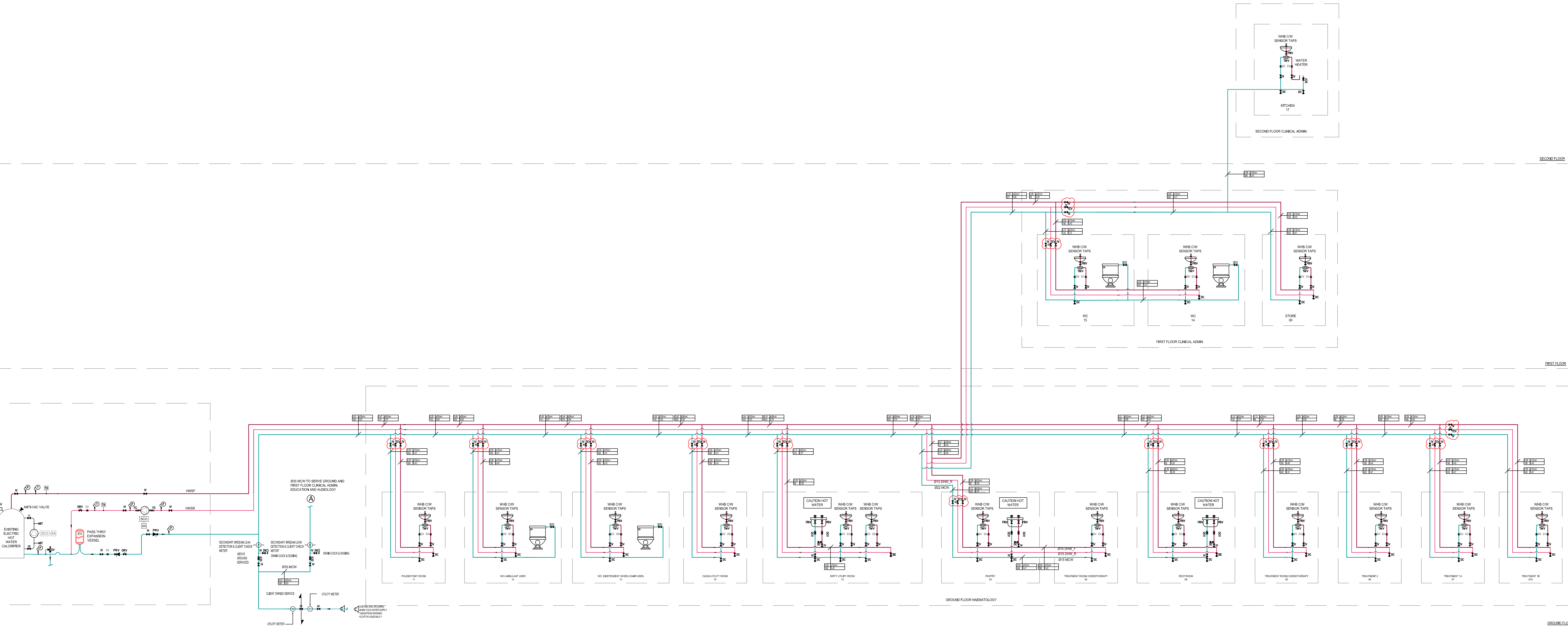


CONTINUES FROM DRAWING NUMBER
THHFP1-CPW-ZZ-XX-DR-M-03001

CONTINUES TO DRAWING NUMBER
THHFP1-CPW-ZZ-XX-DR-M-03002



- LEGEND:**
- IV ISOLATING VALVE
 - IV (NC) ISOLATING VALVE (NORMALLY CLOSED)
 - IV (NO) ISOLATING VALVE (NORMALLY OPEN)
 - LSV LOCK SHIELD VALVE
 - DCV DOUBLE CHECK VALVE
 - CV CHECK VALVE
 - DC DRAIN COCK
 - CS COMMISSIONING STATION
 - SV SAFETY VALVE
 - PRV PRESSURE REDUCING VALVE
 - FC FLEXIBLE CONNECTOR
 - 2-PORT MOTORISED VALVE
 - PUMP
 - WATER METER
 - MAINS COLD WATER CONDITIONER
 - BT BINDER TEST POINT
 - MAV MANUAL AIR VENT
 - ANTI-VAC VALVE
 - TUNDRISH WITH DISCHARGE TO FOUL DRAINAGE SYSTEM
 - THERMOMETER
 - PRESSURE GAUGE SIPHON AND COOK
 - DIGITAL OUTPUT TO ALARM
 - ON/OFF CONTROL SIGNAL
 - TEMPERATURE TRANSMITTER
 - DIFFERENTIAL PRESSURE TRANSDUCER
 - FLOW SWITCH
 - LEVEL SENSOR (ADJUSTABLE)
 - MODULATING CONTROL SIGNAL
 - PRESSURE DIFFERENTIAL SENSOR
 - MODULATING OUTPUT
 - INVERTER INVERTER SPEED CONTROL
 - BACNET PROVIDES CONTROL & MONITORING OF EQUIPMENT OPERATION I.E. -SET POINT -FAULT -WARNINGS -ENABLE/DISABLE -OPERATING CONDITIONS
 - EV EXPANSION VESSEL
 - WRAS APPROVED OVERFLOW
 - CROSSHAIR
 - MCWS
 - DOMESTIC HOT WATER FLOW
 - DOMESTIC HOT WATER RETURN



NO.	REV.	DESCRIPTION	DATE	BY	CHK.
1	1	ISSUED FOR TENDER	15/01/2021	NTS	NTS
2	2	REVISED TO REFLECT CHANGES	15/01/2021	NTS	NTS
3	3	REVISED TO REFLECT CHANGES	15/01/2021	NTS	NTS
4	4	REVISED TO REFLECT CHANGES	15/01/2021	NTS	NTS
5	5	REVISED TO REFLECT CHANGES	15/01/2021	NTS	NTS
6	6	REVISED TO REFLECT CHANGES	15/01/2021	NTS	NTS
7	7	REVISED TO REFLECT CHANGES	15/01/2021	NTS	NTS
8	8	REVISED TO REFLECT CHANGES	15/01/2021	NTS	NTS
9	9	REVISED TO REFLECT CHANGES	15/01/2021	NTS	NTS
10	10	REVISED TO REFLECT CHANGES	15/01/2021	NTS	NTS

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engineering change

Ambridge	1	14/01/2021	NTS
Ambridge	1	14/01/2021	NTS
Ambridge	1	14/01/2021	NTS
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Ambridge	1	14/01/2021	NTS
Ambridge	1	14/01/2021	NTS

STAGE 4

SUITABLE FOR STAGE APPROVAL

THE HILLINGDON HOSPITALS NHS - FOUNDATION TRUST

PROJECT: HILLINGDON HOSPITAL - THE FURZE

DRAWING: DOMESTIC WATER SCHEMATIC

SCALE: NTS DATE: SEPT 21 BY: HW JT

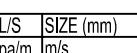
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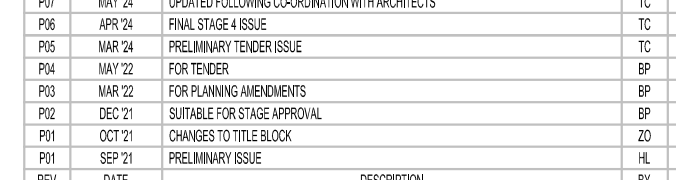
NO.	REV.	DESCRIPTION	DATE
1	1	ISSUED FOR TENDER	10/10/20
2	2	REVISED TO INCLUDE COMMENTS FROM ARCHITECT	10/10/20
3	3	REVISED TO INCLUDE COMMENTS FROM ARCHITECT	10/10/20
4	4	REVISED TO INCLUDE COMMENTS FROM ARCHITECT	10/10/20
5	5	REVISED TO INCLUDE COMMENTS FROM ARCHITECT	10/10/20
6	6	REVISED TO INCLUDE COMMENTS FROM ARCHITECT	10/10/20
7	7	REVISED TO INCLUDE COMMENTS FROM ARCHITECT	10/10/20
8	8	REVISED TO INCLUDE COMMENTS FROM ARCHITECT	10/10/20
9	9	REVISED TO INCLUDE COMMENTS FROM ARCHITECT	10/10/20
10	10	REVISED TO INCLUDE COMMENTS FROM ARCHITECT	10/10/20

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Sheffield	1 4455 157 788 888
London	1 4455 157 788 888
Manchester	1 4455 157 788 888
Edinburgh	1 4455 157 788 888
Birmingham	1 4455 157 788 888
Cardiff	1 4455 157 788 888
Exeter	1 4455 157 788 888
Gloucester	1 4455 157 788 888
Leeds	1 4455 157 788 888
Liverpool	1 4455 157 788 888
Newcastle	1 4455 157 788 888



GENERAL NOTES



THE HILLINGDON HOSPITAL NHS - FOUNDATION TRUST

Proj ID	Originator	Functional	Special	Form	Discipline	Number	Solubility	Form
THHEP1	CPW	ZZ	XX	DB	NI	03001	S4	FW

CPW Project No. 240299

CPW Project No. 240299