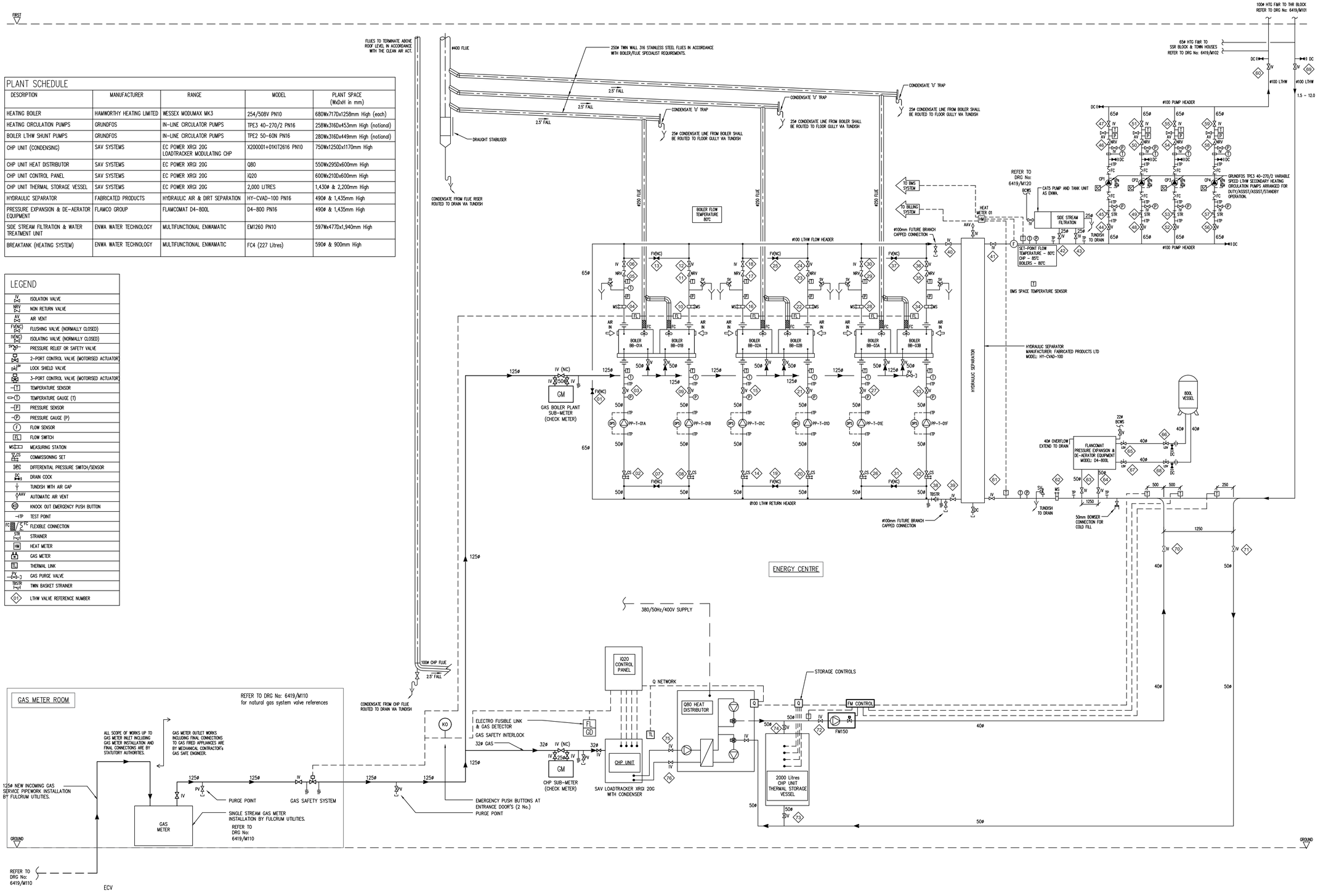
PLANT SCHEDULE

DESCRIPTION	MANUFACTURER	RANGE	MODEL	PLANT SPACE (WxDxH in mm)
HEATING BOILER	HAMWORTHY HEATING LIMITED	WESSEX MODUMAX MK3	254/508V PN10	680Wx717Dx1258mm High (each)
HEATING CIRCULATION PUMPS	GRUNDFOS	IN-LINE CIRCULATOR PUMPS	TPE3 40-270/2 PN16	258Wx316Dx453mm High (notional)
BOILER LTHW SHUNT PUMPS	GRUNDFOS	IN-LINE CIRCULATOR PUMPS	TPE2 50-60N PN16	280Wx316Dx449mm High (notional)
CHP UNIT (CONDENSING)	SAV SYSTEMS	EC POWER XRGI 20G LOADTRACKER MODULATING CHP	X200001+01KIT2616 PN10	750Wx1250Dx1170mm High
CHP UNIT HEAT DISTRIBUTOR	SAV SYSTEMS	EC POWER XRGI 20G	Q80	550Wx2950x600mm High
CHP UNIT CONTROL PANEL	SAV SYSTEMS	EC POWER XRGI 20G	iQ20	600Wx2100x600mm High
CHP UNIT THERMAL STORAGE VESSEL	SAV SYSTEMS	EC POWER XRGI 20G	2,000 LITRES	1,430ø & 2,200mm High
HYDRAULIC SEPARATOR	FABRICATED PRODUCTS	HYDRAULIC AIR & DIRT SEPARATION	HY-CVAD-100 PN16	490ø & 1,435mm High
PRESSURE EXPANSION & DE-AERATOR EQUIPMENT	FLAMCO GROUP	FLAMCOMAT D4-800L	D4-800 PN16	490ø & 1,435mm High
SIDE STREAM FILTRATION & WATER TREATMENT UNIT	ENWA WATER TECHNOLOGY	MULTIFUNCTIONAL ENWAMATIC	EM1260 PN10	597Wx477Dx1,940mm High
BREAKTANK (HEATING SYSTEM)	ENWA WATER TECHNOLOGY	MULTIFUNCTIONAL ENWAMATIC	FC4 (227 Litres)	590ø & 900mm High

LEGEND

IV	ISOLATION VALVE
NRV	NON RETURN VALVE
AV	AIR VENT
FV(NC)	FLUSHING VALVE (NORMALLY CLOSED)
IV(NC)	ISOLATING VALVE (NORMALLY CLOSED)
SV	PRESSURE RELIEF OR SAFETY VALVE
	2-PORT CONTROL VALVE (MOTORISED ACTUATOR)
LSV	LOCK SHIELD VALVE
	3-PORT CONTROL VALVE (MOTORISED ACTUATOR)
T	TEMPERATURE SENSOR
T	TEMPERATURE GAUGE (T)
P	PRESSURE SENSOR
P	PRESSURE GAUGE (P)
F	FLOW SENSOR
FL	FLOW SWITCH
MS	MEASURING STATION
CS	COMMISSIONING SET
DPS	DIFFERENTIAL PRESSURE SWITCH/SENSOR
DC	DRAIN COCK
	TUNDISH WITH AIR GAP
AAV	AUTOMATIC AIR VENT
KO	KNOCK OUT EMERGENCY PUSH BUTTON
TP	TEST POINT
FC	FLEXIBLE CONNECTION
STR	STRAINER
HM	HEAT METER
	GAS METER
TL	THERMAL LINK
GV	GAS PURGE VALVE
TBSTR	TWIN BASKET STRAINER
01	LTHW VALVE REFERENCE NUMBER



Schematic

Note

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE CONSULTANT ENGINEER'S SPECIFICATION.

Orientation

ref./date (dd.mm.yy)	REVISIONS
AB0 10.11.20	As-built Record
AB1 10.01.21	As-built Record

Client:

grainger plc
Investing in homes since 1912

Main Contractor:

ANT YAPI UK

Ant Yapi (UK) Limited
Knowsley House, 3rd floor. 173 - 176 Sloane Street,
London, SW1X 9QG

T: +44 (0) 203 892 56 30
F: +44 (0) 203 402 4778 www.antyapi.co.uk

KUT LLP
First Floor
2E Berol House
25 Ashley Road
London
N17 9LJ
tel: +44(0)20 8348 5171
fax: +44(0)20 8340 8926
email: tkp@kut.co.uk
web: www.kut.co.uk

Description

MECHANICAL SERVICES
ENERGY CENTRE
SCHEMATIC

Project

APEX HOUSE
820 SEVEN SISTERS ROAD
LONDON
N15 5PQ

Microfilm Scale

3 inches
75 mm

Architect

3DReid
West End House, 1 Hills Place
London, W1F 7SA
www.3DReid.com
0345 271 6100

xref -

Scale	Drawn
A1@NTS	
Date: 10/11/20	Checked

Issue

AS-BUILT RECORD

Project No.	Services	Dwg No.	Rev.
6419	M	100	AB1