

NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION FOR MECHANICAL SERVICES INSTALLATION & ALL ASSOCIATED MECHANICAL DRAWINGS LISTED THEREIN.
- 2.

LEGEND

HTG	HEATING
HWS	HOT WATER SERVICE
F&R	FLOW AND RETURN
MWS	MAINS WATER SERVICE
BCWS	BOOSTED COLD WATER SERVICE
UFH	UNDERFLOOR HEATING
H/L	HIGH LEVEL
L/L	LOW LEVEL
SVP	SOIL VENT PIPE
RWP	RAIN WATER PIPE
IV	ISOLATING VALVE
DCV	DOUBLE CHECK VALVE
DC	DRAIN COCK
T	THERMOSTAT
P	PROGRAMMER
R	RADIATOR

15BCWS & 15HWS AT L/L  
CONNECT TO MIXER TAP

15BCWS L/L CONNECT TO DISHWASHER

15BCWS & 15/15HWS AT L/L

15BCWS AT L/L CONNECT TO WHB

MWS CONNECT TO BOOSTER SET

OVERFLOW PIPE TO  
EXTEND TO FLOOR LEVEL

BCWS CONNECT TO BOOSTER SET

NEW PACKAGED BOOSTER  
SET/TANK ON CONCRETE PLINTH

NEW INDIRECT UNVENTED HOT  
WATER CYLINDERS ON  
CONCRETE PLINTH

NEW BALANCED-FLUE 'SYSTEM'  
BOILER, ON GALVANISED FLOOR

NEW GAS PIPE TO RUN TO BOILER

INCOMING MWS

EXISTING MWS PIPE TO BE CUT AND  
CONNECTED INTO NEW BOOSTED SERVICE

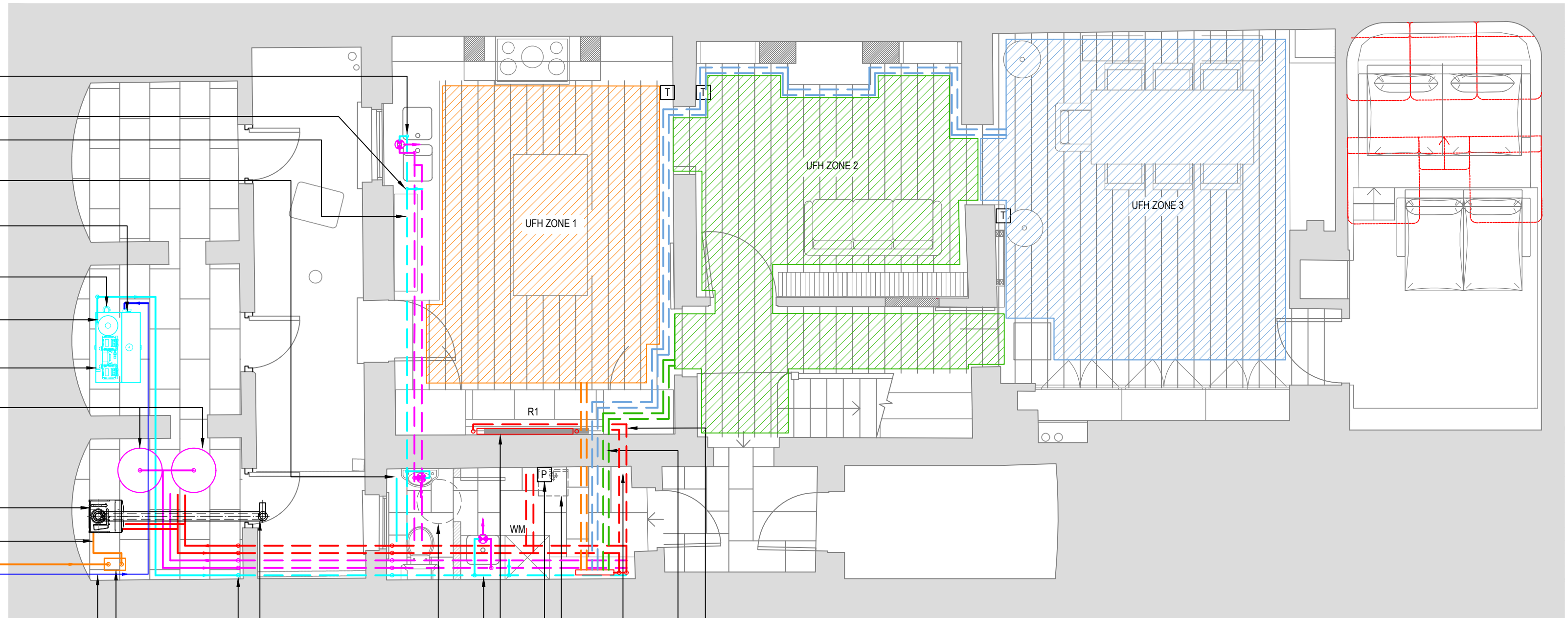
EXISTING GAS METER TO BE RELOCATED  
FROM UTILITY ROOM BY CADENT

28HTG F&R, 22/15 HWS & 22BCWS DROP  
FROM H/L TO RUN BELOW GROUND LEVEL

FLUE TO DISCHARGE JUST BELOW  
PAVEMENT LEVEL

EXISTING HOT WATER CYLINDER TO BE  
REMOVED AND HWS F&R (SYSTEM)  
PIPEWORK TO BE RECONNECTED TO NEW

15BCWS & 15HWS AT L/L  
CONNECT TO SINK



PIPEWORK LAYOUT

DISCONNECT EXISTING SINK OUTLET  
FROM WASTE PIPE AND RECONNECT  
NEW VIA TRAP WITH HOSE CONNECTOR.

APPROX LOCATION OF EXISTING 110mm  
SVP & 80mm RWP DROPPING FROM ABOVE

SOIL AND RAINWATER DRAINAGE DROPPING FROM  
ABOVE, TO BE REROUTED FROM BELOW GROUND  
TO RUN WITHIN CEILING VOID AND INTO CUPBOARD,  
TO CONNECT INTO EXISTING STACKS AND FROM  
THERE INTO EXISTING MANHOLE.

22 CONDENSATE DRAIN  
DISCHARGE INTO FLOOR GULLEY

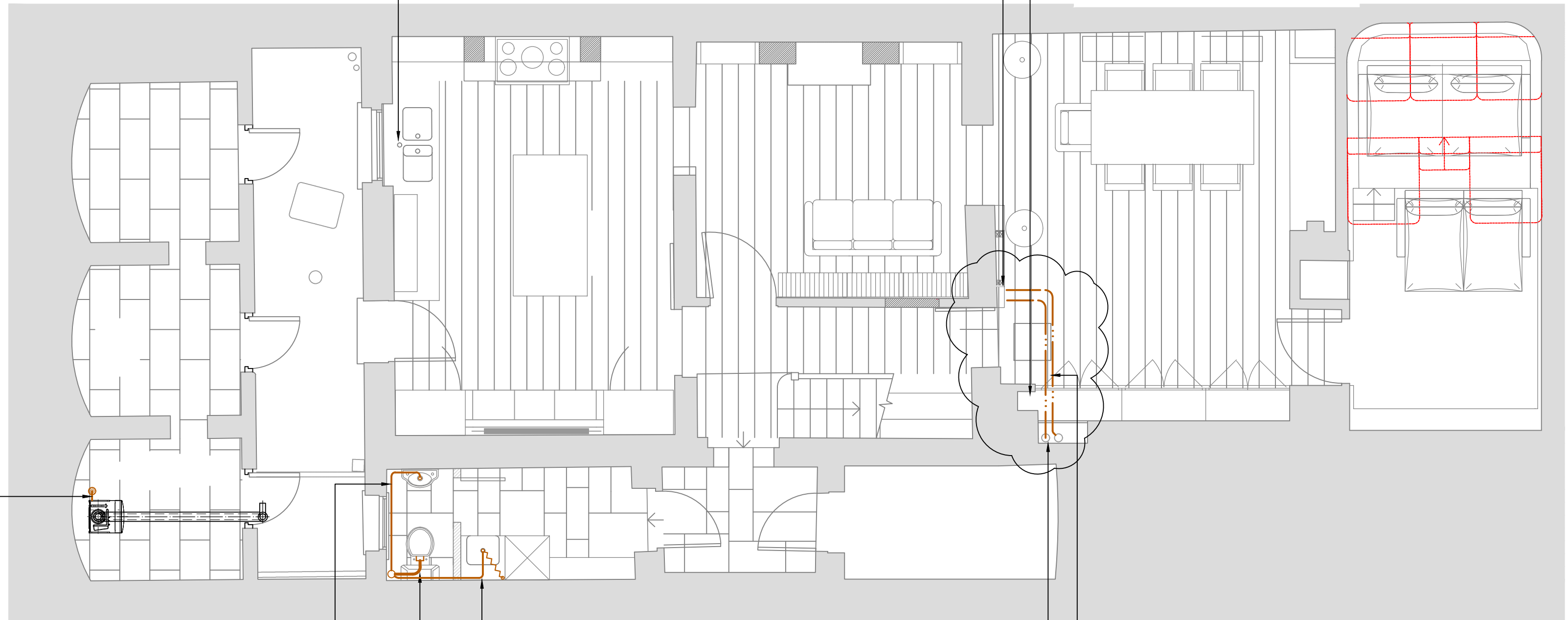
400 WASTE PIPE FROM WHB  
RUN AT L/L CONNECT TO NEW  
STUB STACK

1000 SOIL PIPE FROM WC  
CONNECT TO NEW STUB STACK

400 TRAPPED WASTE FROM  
SINK WITH HOSE CONNECTION  
FROM APPLIANCE

REROUTED SVP & RWP AT H/L BASEMENT TO  
BE ROUTED AND CONNECTED INTO  
EXISTING 110mm SOIL PIPE IN STORE.

EXISTING 110mm uPVC SVP TAKING EXISTING  
CONNECTIONS FROM BATHROOMS ABOVE



DRAINAGE LAYOUT

T2	30/01/21	TENDER ISSUE. SVPS IN CLOUDED AREA REVISED. UTILITY ROOM LAYOUT REVISED
T1	25/10/21	TENDER ISSUE
P1	27/02/20	REPORT ISSUE
REVISION	DATE	DESCRIPTION

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Client

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Title

BASEMENT  
PIPEWORK AND DRAINAGE  
SERVICES LAYOUT

Drawing No. 207224/M/01 Rev. T2

Scale	Date	Drawn by	Checked
1:50@A1	FEB 2020	RD	SF