MYSON

EQUIPMENT SCHEDULE & INSTALLATION NOTES.

1 THIS SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE PARAMETERS GIVEN IN BS 12828-2012 + A1:2014 TO THE TEMPERATURES SPECIFIED UNDER CONTINUOUS OPERATION WITH AN EXTERNAL TEMPERATURE OF -5 C. HOWEVER, TO MAINTAIN THESE TEMPERATURES DURING EXTREME WEATHER CONDITIONS IT MAY BE NECESSARY TO USE A SUPPLIMENTARY HEAT SOURCE.

2 IT IS THE RESPONSIBILITY OF THE INSTALLER TO INSTALL AND BALANCE THE SYSTEM IN ACCORDANCE WITH BS 12828-2012 + A1:2014

3 THE INSTALLATION MUST COMPLY WITH THE CURRENT BRITISH STANDARDS, CODES OF PRACTICE AND THE CURRENT INSTALLATION INSTRUCTIONS.

4 ALL PIPEWORK TO BE LAID TO FALL TO PERMIT EASE OF DRAINING AND VENTING WITH AIR VENTS AT ALL HIGH POINTS AND DRAIN COCKS AT ALL LOW POINTS.

5 WHERE BOILERS ARE TO BE LOCATED IN CUPBOARDS / KITCHEN UNITS THESE MUST BE VENTILATED IN ACCORDANCE WITH THE BOILER INSTALLATION INSTRUCTIONS AND TO BS 5440 : PART 2 : 2000.

6 THE FEED & VENT PIPEWORK AND ANY SEALED SYSTEM EQUIPMENT SHALL BE CONNECTED AS SHOWN ON THE DESIGN.

7 ALL PIPEWORK TO BE INSULATED IN ACCORDANCE WITH THE BUILDING REGULATIONS SECTION L : 13 & BS 5422. SPECIFIC ATTENTION SHOULD BE GIVEN TO PIPEWORK IN UNHEATED AREAS SUCH AS ROOF SPACES AND GARAGES.

8 THE DOMESTIC HOT AND COLD WATER STORAGE SYSTEMS MUST BE INSTALLED IN ACCORDANCE WITH THEIR MANUFACTURERS REQUIREMENTS AND ALL RELEVANT CODES OF PRACTICE. ALL STATED STORAGE CAPACITIES ARE ADVISORY ONLY. THE ACTUAL CAPACITY MUST BE CONFIRMED WITH THE STORAGE SYSTEM MANUFACTURER.

9 CARE MUST BE TAKEN IN THE DESIGN AND CONSTRUCTION OF FLUES AND CHIMNEYS TO ENSURE THAT A SATISFACTORY FLUE / CHIMNEY TO THAT SPECIFIED IN THE INSTALLATION INSTRUCTIONS. THESE FLUES / CHIMNEYS MUST COMPLY WITH BS 5440 : PART 1 : 2000, AND ALL NATIONAL AND LOCAL REGULATIONS.

10 ALL THE ANCILLARY EQUIPMENT LISTED TO BE INSTALLED TO THE MANUFACTURERS INSTALLATION INSTRUCTIONS.

11 MYSON REQUIRE THAT JOINTS WHICH ARE TO BE SOLDERED SHOULD BE MADE USING A FLUX THAT IS SPARINGLY APPLIED AND ANY RESIDUE TO BE FLUSHED OUT OF THE SYSTEM BEFORE COMMISSIONING USING A CHEMICAL CLEANSER IF NECESSARY.

12 ALL CENTRAL HEATING SYSTEMS MUST BE CLEANED WITH ADEY MC3+ (CH1-03-01669) THEN INHIBITED WITH ADEY MC1+ (CH1-03-01670). WHERE WATER HARDNESS EXCEEDS 200 PPM, MYSON APPROVE ADEY MAGNASCALE 15MM (SR1-03-01978) OR ADEY ELECTROSCALE 22MM (SR1-03-01978). ALL IN ACCORDANCE WITH PART L OF BUILDING REGULATIONS
ONLY ADEY PRODUCTS ARE APPROVED BY RETTIG UK.

13 ADEY ATOM 22mm MAGNETIC FILTER (PART NUMBER FL1-03-03779) TO BE FITTED ON RETURN TO THE HEATING SYSTEM.

14 THERMOSTATIC RADIATOR VALVES MUST BE MOUNTED HORIZONTALLY AND IN ACCORDANCE WITH THEIR MANUFACTURERS INSTALLATION REQUIREMENTS.

15 THIS DRAWING HAS BEEN PREPARED BY MYSON RADIATORS LTD. & REMAINS THEIR SOLE COPYRIGHT. IT IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT WILL BE TREATED AS CONFIDENTIAL , AND WILL ONLY BE USED BY OUR CLIENT OR THEIR NOMINEES FOR THE PURPOSE OF INSTALLING SYSTEMS USING MYSON RADIATORS LTD EQUIPMENT AS SPECIFIED THEREIN.

16 THIS DRAWING MUST NOT BE ALTERED OR AMENDED IN ANY FORM WITHOUT THE WRITTEN CONSENT OF MYSON RADIATORS LTD.

MYSON

support the optional use of Myson Towel Warmers. For further details please contact: MYSON RADIATORS, Eastern Avenue, Team Valley, Gateshead, Tyne & Wear, NE11 0PG. Tel: 0191 4914466.

Myson Premier HE Radiators (@Dt50)

Room	Temp	Watts	Catalogue	Len	Hgt
Lounge	21	724	21 SC 33	844	530
Lounge	21	898	21 SC 41	1047	530
Kitchen/Dining	21	1363	21 DC 33	844	530
Kitchen/Dining	21	1526	21 DC 37	946	530
Utility	21	375	21 SC 17	438	530
WC	21	375	21 SC 17	438	530
Hall	21	637	21 SC 29	743	530
Landing	21	577	27 SC 21	540	690
Bedroom-1	21	637	21 SC 29	743	530
Bedroom-2	21	463	21 SC 21	540	530
Bedroom-3	21	549	21 SC 25	641	530
Bathroom	22	576	ECOS125W towel	500	1222
En-Suite	22	576	ECOS125W towel	500	1222
En-Suite-2	22	417	ECOS85 W towel	500	862
Bedroom-4	21	549	21 SC 25	641	530
Bedroom-5	21	549	21 SC 25	641	530

MYSON ECO TOWEL RAILS (OPTIONAL)

Order Code	Output in Watts (@ Dt50 degrees)	Hgt	Len
ECOS85	417	862	500
ECOS86	487	862	600
ECOS125	576	1222	500
ECOS126	676	1222	600
ECOS185	866	1807	500
ECOS186	1014	1807	600
ECOC85	421	862	500
ECOC86	494	862	600
ECOC125	587	1222	500
ECOC126	689	1222	600
ECOC185	862	1807	500
ECOC186	1022	1807	600

Chrome outputs reduce by approx 35%

Outputs shown above are for white towel rails.

PIPEWORK BELOW FLOOR LEVEL

PIPEWORK AT LOW LEVEL

PIPEWORK AT HIGH LEVEL

PIPEWORK IN ROOF SPACE

F.A. = FROM ABOVE F.B. = FROM BELOW

T.A. = TO ABOVE T.B. = TO BELOW

RS = ROOM THERMOSTAT

BOILER	Potterton Assure 18 System
BOILER	RATED OUTPUT 18.0 kW
RADIATORS	Myson Premier HE Radiators
RADIATOR VALVES	Myson Matchmate PPV Range
T.R.V.s	Myson PPV to all radiators except where RS's are shown
PUMP	Supplied With Boiler
PROGRAMMER/TIMER	Myson MEP 1C (Hot Water)
ROOM THERMOSTAT	Myson MPRT Programmable Stat (Zone 1)
ROOM THERMOSTAT	Myson MPRT Programmable Stat (Zone 2)
MOTORISED VALVE	Included With Cylinder (Zone 1)
MOTORISED VALVE	Myson MPE 222 Zone Valve (Zone 2)
SEALED SYSTEM EQUIP	Included With Boiler
INHIBITOR	Cleanse System With Adey Chemical MC3+ Then Treat With Adey Chemical MC1+ Protector
CYLINDER	Heatrea Sadia Megaflo Eco SystemReady 250SB With Emersion Heater
ADDITIONAL KITS	Myson Automatic Bypass Valve
ADDITIONAL KITS	Myson Combimate Filling Loop
ADDITIONAL KITS	Adey MagnaClean Professional 2XP
ADDITIONAL KITS	Baxi IFOS Weather Compensator

REV.	DATE.	REVISION.
A	08/06/22	Boiler position updated

MYSON

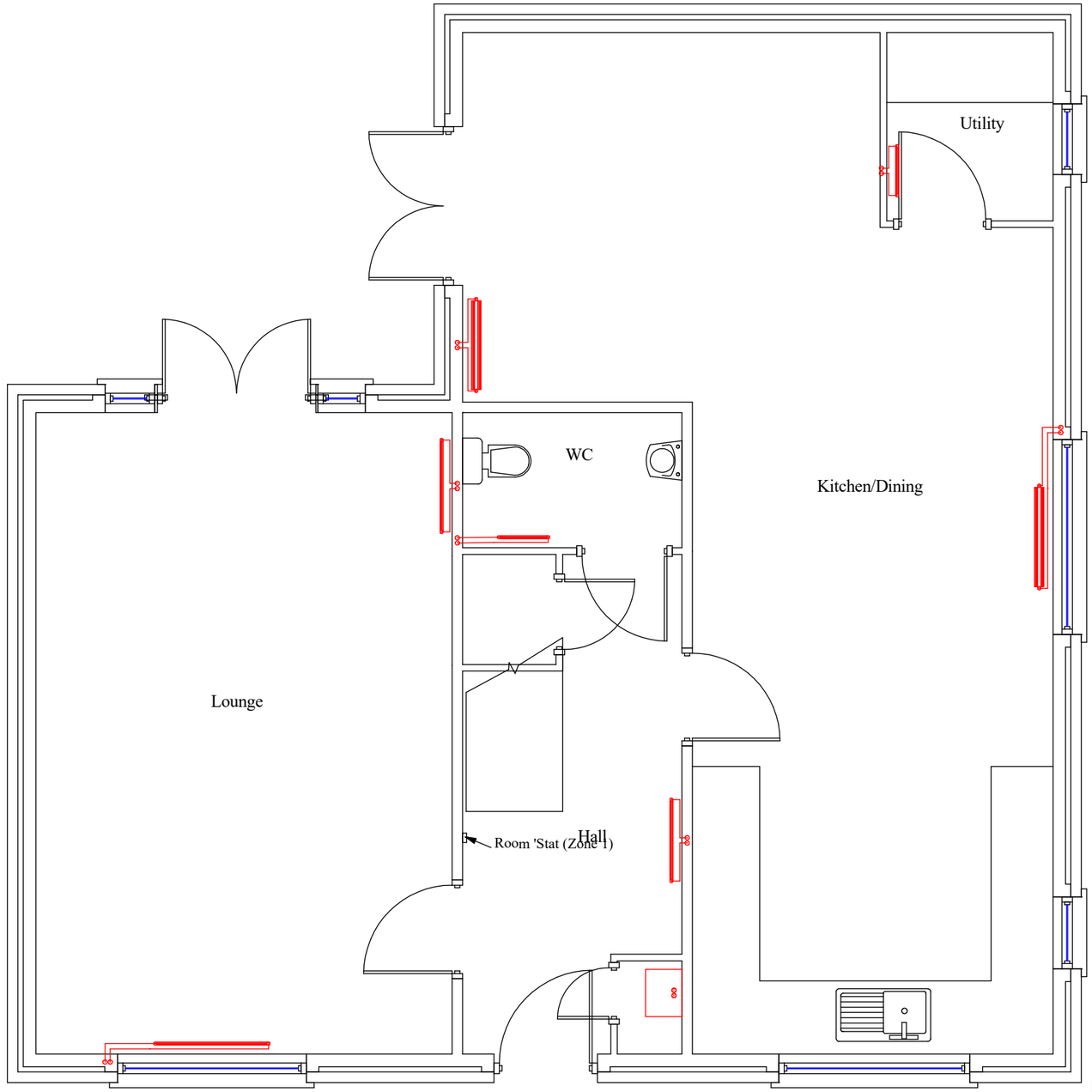
CLIENT	:	CREST NICHOLSON	
HOUSE TYPE	:	4B9P-1707 ROYDON	
SITE	:	BICESTER PHASE 3&4	
SHEET	:	1 OF 4	DRAWING No. : RAD11760-8
DRAWN BY	:	CN	DATE : 01/06/22

NOTE:

All drops from first floor joist space to ground floor radiators to be 10mm, except where shown.

NOTE:

Flue Position To Be In Accordance With All Current Regulations And Installation Instructions. These Details Should Be Checked And Compliance To Be Confirmed Prior To Installation.



NOTE :

All pipework to be HEP20 plastic pipe, with copper for the first two meters from the boiler and all pipework within cylinder cupboard.

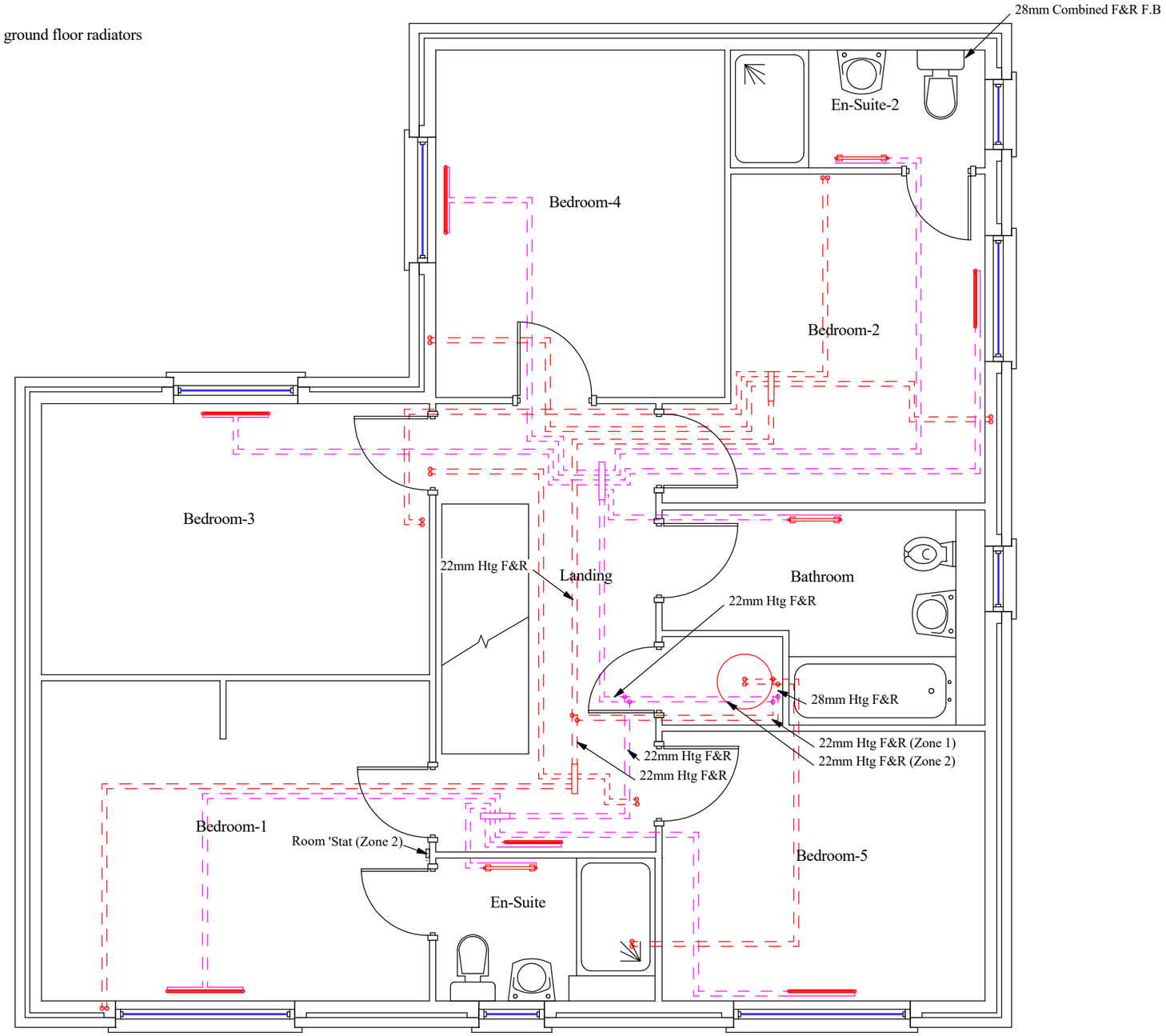
All pipework to be run in continuous lengths with formed bends at changes of direction with a minimum of elbows and fittings.

MYSON

CLIENT	:	CREST NICHOLSON		
HOUSE TYPE	:	4B9P-1707 ROYDON		
TITLE	:	GROUND FLOOR HEATING LAYOUT.		
SHEET	:	2 OF 4	DRAWING No. :	RAD11760-8
SCALE	:	1 : 50	DATE :	01/06/22

NOTE:

1. All 1st floor radiators to have 15mm F&R with 10mm to last 300mm before radiator, except where shown
2. All drops from first floor joist space to ground floor radiators to be 10mm, except where shown.



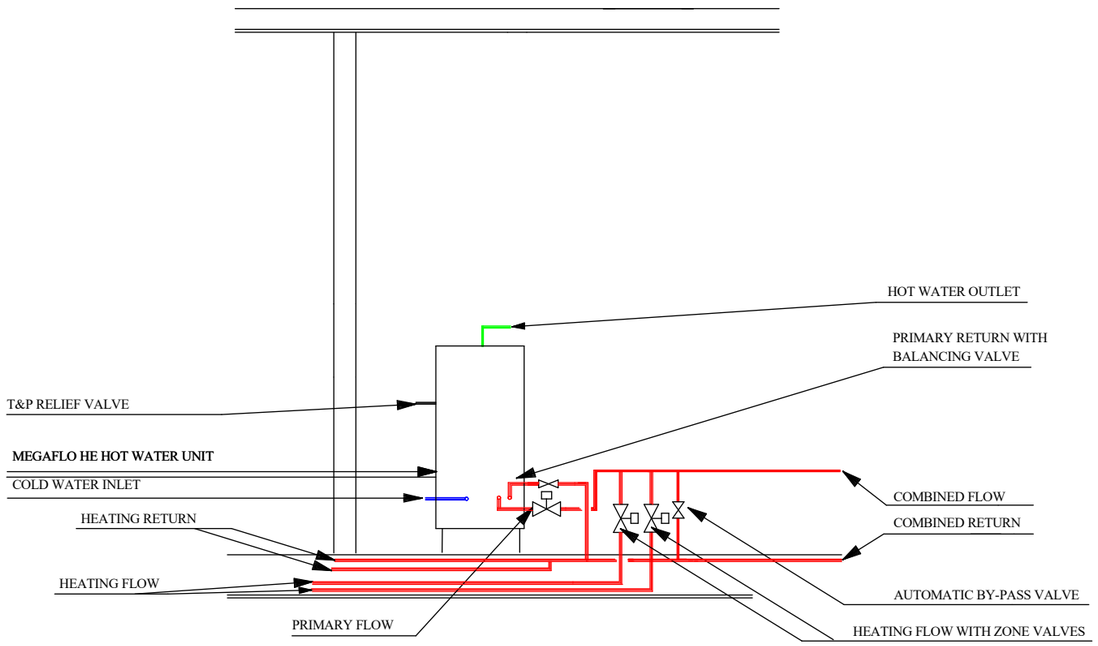
NOTE :

All pipework to be HEP20 plastic pipe, with copper for the first two meters from the boiler and all pipework within cylinder cupboard.

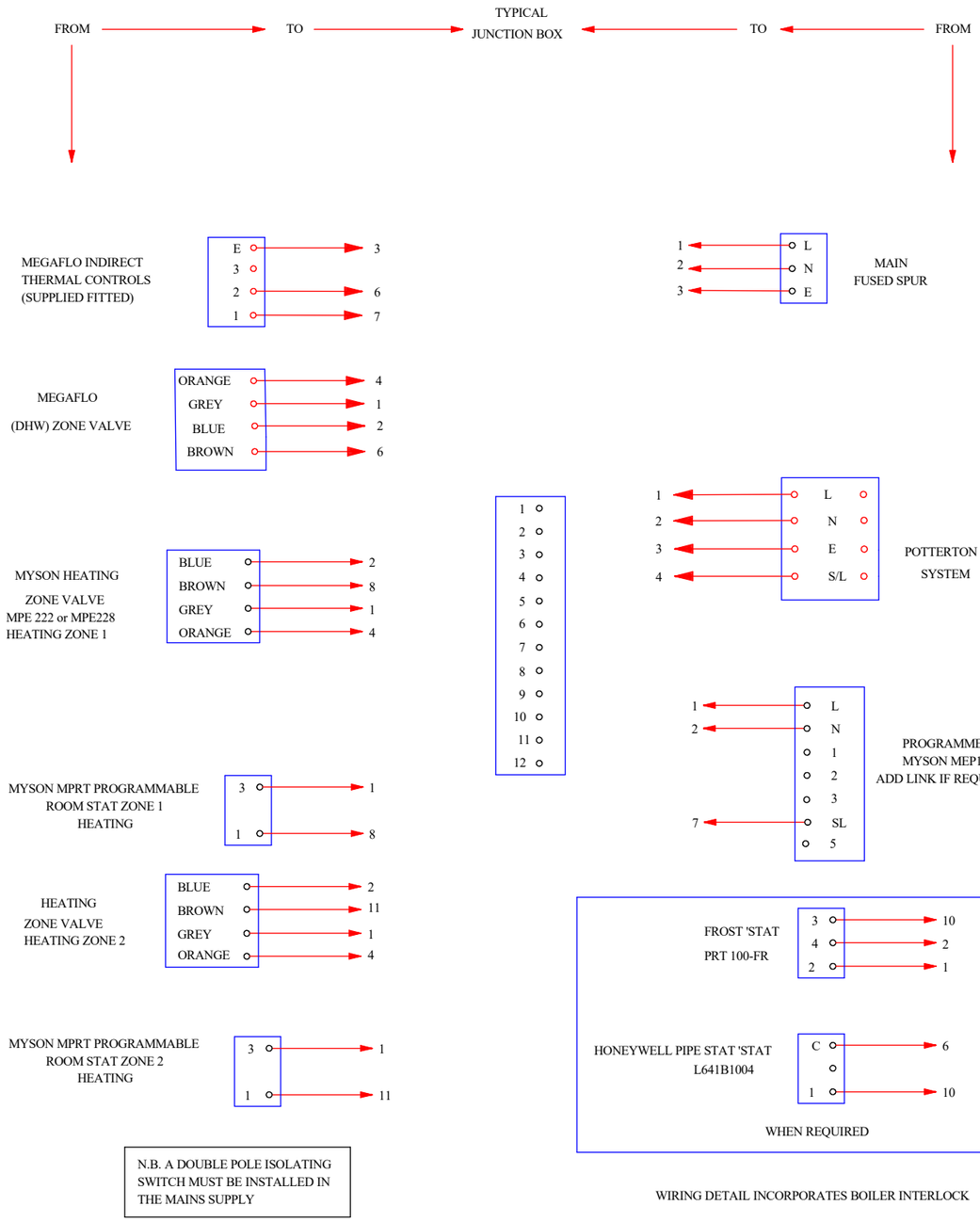
All pipework to be run in continuous lengths with formed bends at changes of direction with a minimum of elbows and fittings.

MYSON

CLIENT	:	CREST NICHOLSON		
HOUSE TYPE	:	4B9P-1707 ROYDON		
TITLE	:	FIRST FLOOR HEATING LAYOUT.		
SHEET	:	3 OF 4	DRAWING No. :	RAD11760-8
SCALE	:	1 : 50	DATE :	01/06/22



NOTE:- HEATING SYSTEM TO BE OF THE SEALED SYSTEM TYPE
SEALED SYSTEM EQUIPMENT AS BOILER INSTALLATION INSTRUCTIONS
AND TO ALL CURRENT REGS & EQUIPMENT MANUFACTURERS INSTRUCTION.
SCALE REDUCER TO BE FITTED IN ACCORDANCE WITH MEGAFLO INSTRUCTION



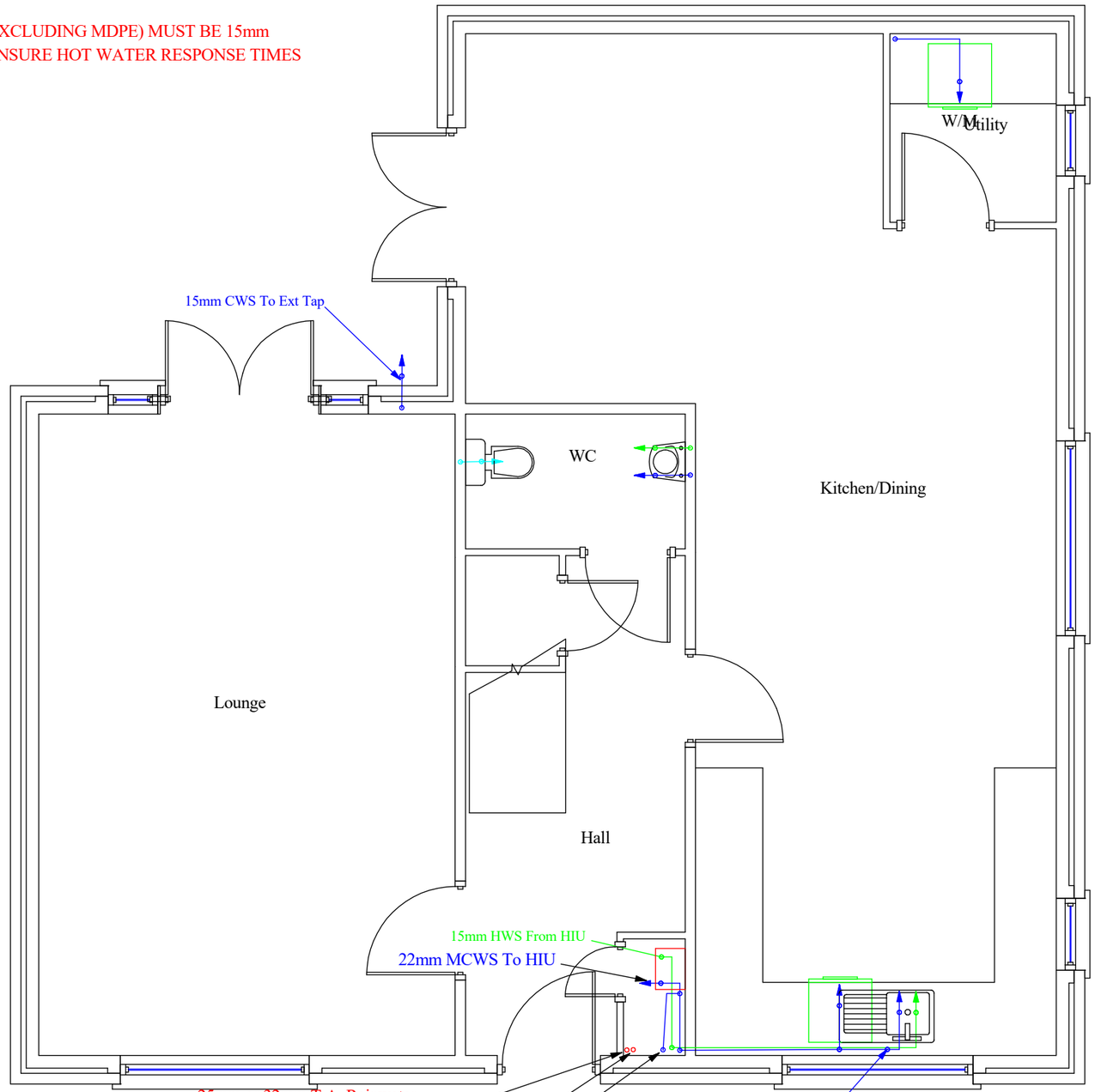
N.B. A DOUBLE POLE ISOLATING SWITCH MUST BE INSTALLED IN THE MAINS SUPPLY

WIRING DETAIL INCORPORATES BOILER INTERLOCK

MYSON

CLIENT :	CREST NICHOLSON		
HOUSE TYPE :	4B9P-1707 ROYDON		
TITLE :	DIAGRAMMATIC SKETCH & WIRING DIAGRAM.		
SHEET :	4 OF 4	DRAWING No. :	RAD11760-8
SCALE :	N . T . S .	DATE :	01/06/22

NOTE
ALL HOT & COLD PLUMBING PIPEWORK (EXCLUDING MDPE) MUST BE 15mm UNLESS STATED OTHERWISE. THIS IS TO ENSURE HOT WATER RESPONSE TIMES MEET BUILDING REGULATIONS.



M.C.W. = MAINS COLD WATER

C.W.S. = COLD WATER SUPPLY

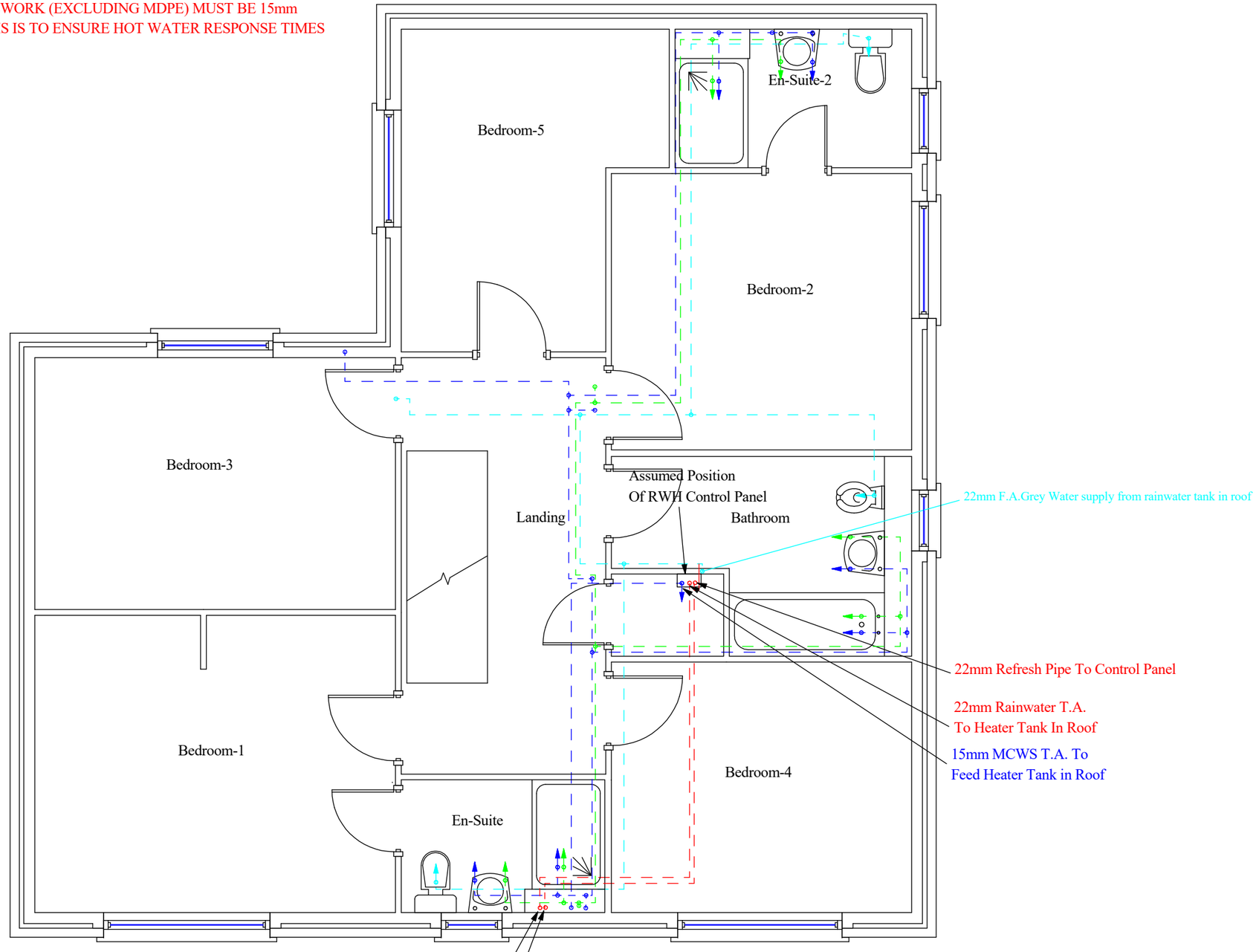
H.W.S. = HOT WATER SUPPLY

NOTE: The Diameter Of The Last Metre Of Pipework To Fittings To Suit The Size Of The Tails Provided By The Manufacturer.

MYSON

CLIENT :	CREST NICHOLSON		
HOUSE TYPE :	4B9P-1707 ROYDON		
TITLE :	GROUND FLOOR PLUMBING LAYOUT.		
SHEET :	1 OF 2	DRAWING No.:	RAD11760-8
SCALE :	1 : 50	DATE :	01/06/22

NOTE
ALL HOT & COLD PLUMBING PIPEWORK (EXCLUDING MDPE) MUST BE 15mm UNLESS STATED OTHERWISE. THIS IS TO ENSURE HOT WATER RESPONSE TIMES MEET BUILDING REGULATIONS.



M.C.W. = MAINS COLD WATER

C.W.S. = COLD WATER SUPPLY

H.W.S. = HOT WATER SUPPLY

NOTE: The Diameter Of The Last Metre Of Pipework To Fittings To Suit The Size Of The Tails Provided By The Manufacturer.

MYSON

CLIENT	:	CREST NICHOLSON	
HOUSE TYPE	:	4B9P-1707 ROYDON	
TITLE	:	FIRST FLOOR PLUMBING LAYOUT.	
SHEET	:	2 OF 2	DRAWING No. : RAD11760-8
SCALE	:	1 : 50	DATE : 01/06/22