

RADIATOR & EQUIPMENT SCHEDULES



| Myson Premier HE Radiators, Myson Electric Kickspace & Myson Topaz Silver Towel Rails |      |       |                               |      |      |      |
|---------------------------------------------------------------------------------------|------|-------|-------------------------------|------|------|------|
| (Radiators & Towel Rails Sized At 45/40 F&R Temps)                                    |      |       |                               |      |      |      |
| Room                                                                                  | Temp | Watts | Catalogue                     | Len  | Hgt  | Zone |
| Lounge                                                                                | 21   | 400   | 12 DC 47                      | 1200 | 300  | 1    |
| Lounge                                                                                | 21   | 564   | 21 DC 41                      | 1047 | 530  | 1    |
| Study/Dining                                                                          | 21   | 606   | 15 DC 57                      | 1454 | 390  | 1    |
| Kitchen/Dining                                                                        | 21   | 1000  | KICKSPACE 500E ECO            | 496  | 101  | 1    |
| Kitchen/Dining                                                                        | 21   | 563   | 27 DC 33                      | 844  | 690  | 1    |
| Kitchen/Dining                                                                        | 21   | 699   | 27 DC 41                      | 1047 | 690  | 1    |
| Utility                                                                               | 21   | 301   | 27 SC 33                      | 844  | 690  | 1    |
| Cloakroom                                                                             | 21   | 156   | 27 SC 17                      | 438  | 690  | 1    |
| Hall                                                                                  | 21   | 373   | 27 SC 41                      | 1047 | 690  | 1    |
| Landing                                                                               | 21   | 192   | 27 SC 21                      | 540  | 690  | 2    |
| Bedroom-1                                                                             | 21   | 524   | 21 DPX 49                     | 1251 | 530  | 2    |
| Bedroom-2                                                                             | 21   | 396   | 21 DPX 37                     | 946  | 530  | 2    |
| Bedroom-3                                                                             | 21   | 299   | 21 SC 41                      | 1047 | 530  | 2    |
| Bedroom-4                                                                             | 21   | 328   | 21 SC 45                      | 1149 | 530  | 2    |
| Bedroom-5                                                                             | 21   | 241   | 21 SC 33                      | 844  | 530  | 2    |
| Bathroom                                                                              | 22   | 344   | TPZD1785400 Silver Towel Rail | 400  | 1785 | 2    |
| En-Suite-1                                                                            | 22   | 344   | TPZD1190600 Silver Towel Rail | 600  | 1190 | 2    |
| En-Suite-2                                                                            | 22   | 232   | TPZD1190400 Silver Towel Rail | 400  | 1190 | 2    |

WBA - No Comment

| Heat Pump Minimum Clearances |              |                        |      |  |
|------------------------------|--------------|------------------------|------|--|
| Minimum Clearances Unit      | Heating mode | Heating & Cooling mode |      |  |
| Left Side                    | mm           | 100                    | 100  |  |
| Above                        | mm           | 1000                   | 1000 |  |
| Behind                       | mm           | 200                    | 250  |  |
| Right Side                   | mm           | 500                    | 500  |  |
| In Front                     | mm           | 600                    | 600  |  |

| Heat Pump Sound Levels |                          |             |             |             |
|------------------------|--------------------------|-------------|-------------|-------------|
| Model                  | Sound Power Level A7/W55 | 1M distance | 3M distance | 5M distance |
| aroTHERM plus 3.5kW    | 54 dB                    | 46 dB (A)   | 36 dB (A)   | 32 dB (A)   |
| aroTHERM plus 5kW      | 54 dB                    | 46 dB (A)   | 36 dB (A)   | 32 dB (A)   |
| aroTHERM plus 7kW      | 55 dB                    | 47 dB (A)   | 37 dB (A)   | 33 dB (A)   |
| aroTHERM plus 10kW     | 60 dB                    | 52 dB (A)   | 42 dB (A)   | 38 dB (A)   |
| aroTHERM plus 12kW     | 60 dB                    | 52 dB (A)   | 42 dB (A)   | 38 dB (A)   |

|                                                        |                                                                                                              |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| ASHP                                                   | Vaillant aroTherm Plus 7.0 kW                                                                                |
| ASHP                                                   | RATED OUTPUT 8.2 kW                                                                                          |
| RADIATORS                                              | Myson Premier HE Roundtop Radiators                                                                          |
| RADIATOR VALVES<br>T.R.V's                             | TRV's & LSV's to all Radiators except room containing room stat. Radiator/s in this room to have 2No. LSV's. |
| HEAT PUMP CONTROLLER /<br>HW TIMER & Zone 1 THERMOSTAT | Heat Pump Interface<br>Vaillant SensOCIMF DRT                                                                |
| ZONE 2 THERMOSTAT                                      | Vaillant VR91                                                                                                |
| WIRING CENTRE                                          | Vaillant VR70 Wiring Centre                                                                                  |
| 3-Port Valve / Diverter Valve                          | Diverter Valve                                                                                               |
| MOTORISED VALVES                                       | Honeywell V4043H 2 Port Zone Valve 28mm - Zone 1                                                             |
| MOTORISED VALVES                                       | Honeywell V4043H 2 Port Zone Valve 22mm - Zone 2                                                             |
| ADDITIONAL KITS                                        | Ball Filter Valve 28mm                                                                                       |
| ADDITIONAL KITS                                        | Fernox HP-15C                                                                                                |
| ADDITIONAL KITS                                        | System Cleaned with Adey Chemical MC3+                                                                       |
| ADDITIONAL KITS                                        | Then Inhibited with Adey Chemical MC1+                                                                       |
| ADDITIONAL KITS                                        | Y Stainer                                                                                                    |
| ADDITIONAL KITS                                        | Honeywell Automatic By-Pass Valve                                                                            |
| SEALED SYSTEM EQUIP                                    | Fiamco Flexcon Premium 18/01                                                                                 |
| SEALED SYSTEM EQUIP                                    | Fiamco Flexcon Pressure Gauge                                                                                |
| SEALED SYSTEM EQUIP                                    | Fiamco Flexcon Safety Valve/Discharge                                                                        |
| CYLINDER                                               | Vaillant Unistor Heat Pump Cylinder 300 Litre                                                                |
| ADDITIONAL KITS                                        | Glycol discharge vessel                                                                                      |
| ADDITIONAL KITS                                        | 750mm flexihose for air to water heat pump (pair)                                                            |
| ADDITIONAL KITS                                        | Anti-vibration feet (large)                                                                                  |
| SECONDARY HOT WATER RETURN PUMP                        | Grundfos Stainless Steel Model Alpha 1 15-50N To Be Timed Off SensOCIMF DRT Controller                       |

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PIPEWORK BELOW FLOOR LEVEL ————— F.A. = FROM ABOVE F.B. = FROM BELOW  
PIPEWORK AT LOW LEVEL ————— T.A. = TO ABOVE T.B. = TO BELOW  
PIPEWORK AT HIGH LEVEL ————— RS = ROOM THERMOSTAT  
PIPEWORK IN ROOF SPACE —————

| REV.           | DATE.                                               | REVISION.       |
|----------------|-----------------------------------------------------|-----------------|
| CLIENT :       | C O U N T R Y S I D E   P A R T N E R S H I P S     |                 |
| HOUSE TYPE :   | B I R C H                                           |                 |
| SITE :         | T H E   C O U N T R Y S I D E   C O L L E C T I O N |                 |
| SHEET : 1 OF 4 | DRAWING No. :                                       | V240015-1       |
| DRAWN BY : P G | DATE :                                              | 1 1 / 0 7 / 2 3 |

INSTALLATION NOTES.



- 1

THIS SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE PARAMETERS GIVEN IN BS 12828-2012 + A1:2014 AND TO THE TEMPERATURES SPECIFIED UNDER CONTINUOUS OPERATION WITH AN EXTERNAL TEMPERATURE OF -4 C. HOWEVER, TO MAINTAIN THESE TEMPERATURES DURING EXTREME WEATHER CONDITIONS IT MAY BE NECESSARY TO USE A SUPPLEMENTARY HEAT SOURCE.

11

HEATING DESIGN SOLUTIONS 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.
- 2

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

12

THE DESIGN OF THE DHW IS BASED UPON A MINIMUM DYNAMIC INCOMING MCS PRESSURE OF 1.5 BAR BEING AVAILABLE AT HIGHEST POINT IN THE SYSTEM. IF THIS IS INSUFFICIENT THEN A SUITABLE ACCUMULATOR AND PRESSURE BOOSTER PUMP MAY NEED TO BE FITTED.
- 3

THE INSTALLATION MUST COMPLY WITH THE CURRENT BRITISH STANDARDS, CODES OF PRACTICE, THE CURRENT INSTALLATION INSTRUCTIONS & MCS MICROGENERATION INSTALLATION STANDARD MIS 3005 V5.0.

13

WHERE TRADITIONAL JOISTS ARE USED, THEY ARE TO BE NOTCHED / DRILLED IN ACCORDANCE WITH BS 12828:2003 AND NHBC RECOMMENDATIONS. WHERE TJI OR ENGINEERED JOISTS ARE USED CARE TOI BE GIVEN TO PIPEWORK CLIPPING TO ENSURE A NEAT AND TIDY INSTALLATION WITH NO HIGH POINTS.
- 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.

14

ALL CENTRAL HEATING SYSTEMS MUST BE CLEANED WITH ADEY MC3+ (CH1-03-01669) THEN INHIBITED WITH ADEY MC1+ (CH1-03-01670). ADEY PROCHECK (ADEY PART NUMBER CP1-03-05132) TO BE COMPLETED AFTER ADEY MC1+ PROTECTOR HAS BEEN DOSED INTO THE HEATING SYSTEM.  
WHERE WATER HARDNESS EXCEEDS 200 PPM, HEATING DESIGN SOLUTIONS APPROVE ADEY MAGNASCALE 15MM (SRI-03-01978) OR ADEY ELECTROSCALE 22MM (SRI-03-01978). ALL IN ACCORDANCE WITH PART L OF BUILDING REGULATIONS  
ONLY ADEY PRODUCTS ARE APPROVED BY HEATING DESIGN SOLUTIONS.
- 5

IT IS ESSENTIAL THAT THE HEAT PUMP HAS ADEQUATE WATER FLOW RATE AND SYSTEM VOLUME AT ALL TIMES. WATER FLOW RATE CAN BE ACHIEVED USING AUTO RELIEF BYPASS VALVES OR LOW LOSS HEADER / BUFFER VESSEL. ADEQUATE SYSTEM VOLUME FOR PURPOSE OF REDUCING CYCLING DURING LOW LOAD / OR TO ASSIST IN THE DEFROST OF ASHP SYSTEMS SHOULD BE CHECKED AND IF REQUIRED, A CORRECTLY SIZED BUFFER OR SYSTEM VOLUMISER SHOULD BE INSTALLED. CHECK MANUFACTURERES RECOMMENDATIONS.

15

THERMOSTATIC RADIATOR VALVES MUST BE MOUNTED HORIZONTALLY AND IN ACCORDANCE WITH THEIR MANUFACTURERS INSTALLATION REQUIREMENTS.  
THEIR MANUFACTURERS INSTALLATION REQUIREMENTS.  
ROOM(S) CONTAINING THE ROOM THERMOSTAT(S) ARE TO HAVE 1 NO WHEELHEAD VALVE & 1 NO LSV.
- 6

BALLOFIX ISOLATING VALVES INCORPORATING FLOW RESTRICTORS SHALL BE PROVIDED TO ALL SANITARY FITTINGS. FLOW RATES TO BE AS DETERMINED TO COMPLY WITH CODE FOR SUSTAINABLE HOMES OR BUILDING REGULATIONS AS APPLICABLE. NOTE THAT WITH LOW FLOW RATE TAPS FITTED THERE WILL BE A DELAY IN HOT WATER REACHING OUTLETS AND CONSIDERATION SHOULD BE GIVEN FOR A PUMPED SECONDARY RETURN.

16

THIS DRAWING HAS BEEN PREPARED BY HEATING DESIGN SOLUTIONS & 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 THE EQUIPMENT AS SPECIFIED THEREIN.
- 7

ALL PIPEWORK TO BE INSULATED IN ACCORDANCE WITH BUILDING REGULATIONS, THE TIMSA GUIDE FOR ACHIEVING COMPLIANCE WITH PART L OF THE BUILDING REGULATIONS, BS 5422:2009, BS EN 14336:2004,BS8558, BS EN 806 AND THE WATER REGULATIONS GUIDE. ALL PRIMARY PIPEWORK TO INSULATED. WHERE A SECONDARY RETURN IS USED ALL HOT WATER PIPEWORK TO BE INSULATED. SPECIFIC ATTENTION SHOULD BE GIVEN TO PIPEWORK IN UNHEATED AREAS SUCH AS ROOF SPACES AND GARAGES.

17

THIS DRAWING MUST NOT BE ALTERED OR AMENDED IN ANY FORM WITHOUT THE WRITTEN CONSENT OF HEATING DESIGN SOLUTIONS OR THEIR ASSOCIATED PARTNERS.
- 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.

18

THE DESIGN IS BASED UPON DRAWINGS AND INFORMATION RECEIVED AND THEREFORE IT'S ACCURACY AND PERFORMANCE IS DEPENDANT ON THAT INFORMATION BEING CORRECT. IF ANY PROBLEMS THAT ARISE DUE TO LACK OF INFORMATION PROVIDED OR INCORRECT DRAWINGS BEING SUPPLIED HEATING DESIGN SOLUTIONS CANNOT BE HELD RESPONSIBLE.
- 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 : 2008, AND ALL NATIONAL AND LOCAL REGULATIONS.

19

TYPICAL AREAS WHICH NEED ATTENTION ARE SPACE REQUIREMENTS & SITING OF THE UNITS.  
THE INSTALLER SHOULD ENSURE ADEQUATE SPACE FOR ACCESS FOR MAINTENANCE, SERVICING, ADJUSTING SET POINTS AND / OR FLOW VALVES, READING METERS ETC.  
CARE MUST BE TAKEN IN SITING OF THE OUTDOOR UNIT OF AN ASHP TO ENSURE ADEQUATE AIR FLOW AND THAT THE UNIT DOES NOT CAUSE A NOISE PROBLEM TO OCCUPANTS OR NEIGHBOURS. MCS 020 GIVES GUIDANCE IN THE NOISE LEVELS ACCEPTABLE IN THE IN THE PERMITTED DEVELOPMENT PLANNING RULES.
- 10

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



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|          |                   |       |                     |                   |
|----------|-------------------|-------|---------------------|-------------------|
| PIPEWORK | BELOW FLOOR LEVEL | _____ | F.A. = FROM ABOVE   | F.B. = FROM BELOW |
| PIPEWORK | AT LOW LEVEL      | _____ | T.A. = TO ABOVE     | T.B. = TO BELOW   |
| PIPEWORK | AT HIGH LEVEL     | _____ | RS = ROOM THERMSTAT |                   |
| PIPEWORK | IN ROOF SPACE     | _____ |                     |                   |

|            |   |                             |                         |
|------------|---|-----------------------------|-------------------------|
| CLIENT     | : | C O U N T R Y S I D E       | P A R T N E R S H I P S |
| HOUSE TYPE | : | B I R C H                   |                         |
| SITE       | : | T H E C O U N T R Y S I D E | C O L L E C T I O N     |
| SHEET      | : | 2 OF 4                      | DRAWING No. : V240015-1 |
| DRAWN BY   | : | P G                         | DATE : 11 / 07 / 23     |

This drawing is prepared as part of HEATING DESIGN SOLUTIONS LIMITED Design & Advice Service & on its Standard Conditions applicable to such service.

Commissioning Note:  
Emitters and pipework sized for  
ASHP Flow Temperature: 45 C  
ASHP Return Temperature: 40 C

All pipework in unheated areas  
to be insulated in accordance  
with local and national regulations

Note: Automatic air vents to be installed  
on high point of all flow and return  
pipework rising into roof/ceiling void.  
Where this is not possible, an automatic  
air separator is to be installed on the system  
ideally located in the airing cupboard

ALL RADIATOR PIPEWORK TO BE PLASTIC PIPE WITH COPPER  
FROM THE HEAT PUMP TO CYLINDER & ALL PIPEWORK  
WITHIN CYLINDER CUPBOARD.  
ALL PIPEWORK TO RADIATORS TO BE RUN IN CONTINUOUS  
LENGTHS WITH FORMED BENDS AT CHANGES OF DIRECTION  
WITH MINIMUM OF ELBOWS & FITTINGS.

NOTE: All drops from first floor joist space to ground floor radiators to  
be 15mm, Except where shown.

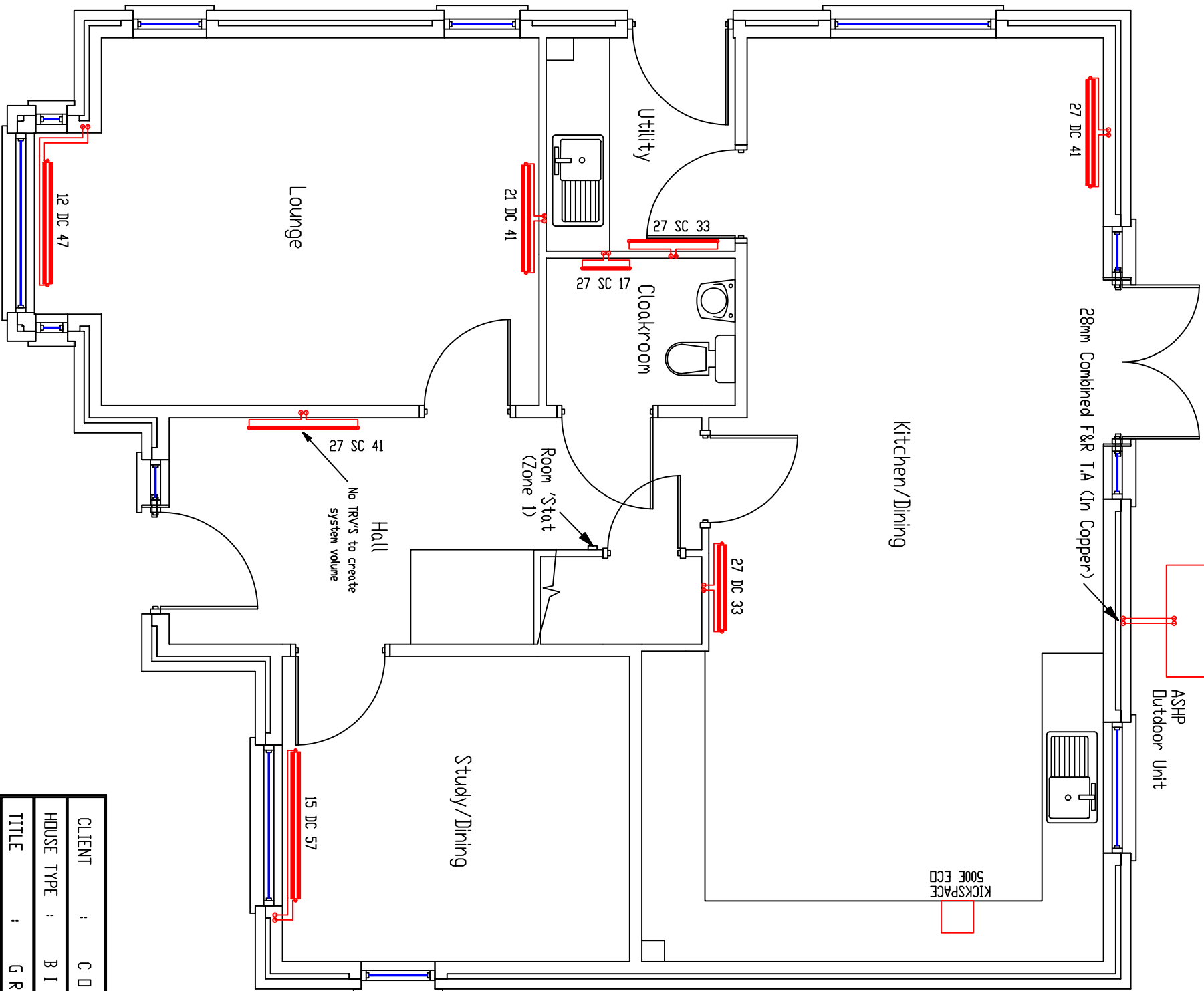


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NOTE: Heat pump position suitability to be  
determined on site prior to installation.

ASHP  
Outdoor Unit

KICKSPACE  
500E ECD



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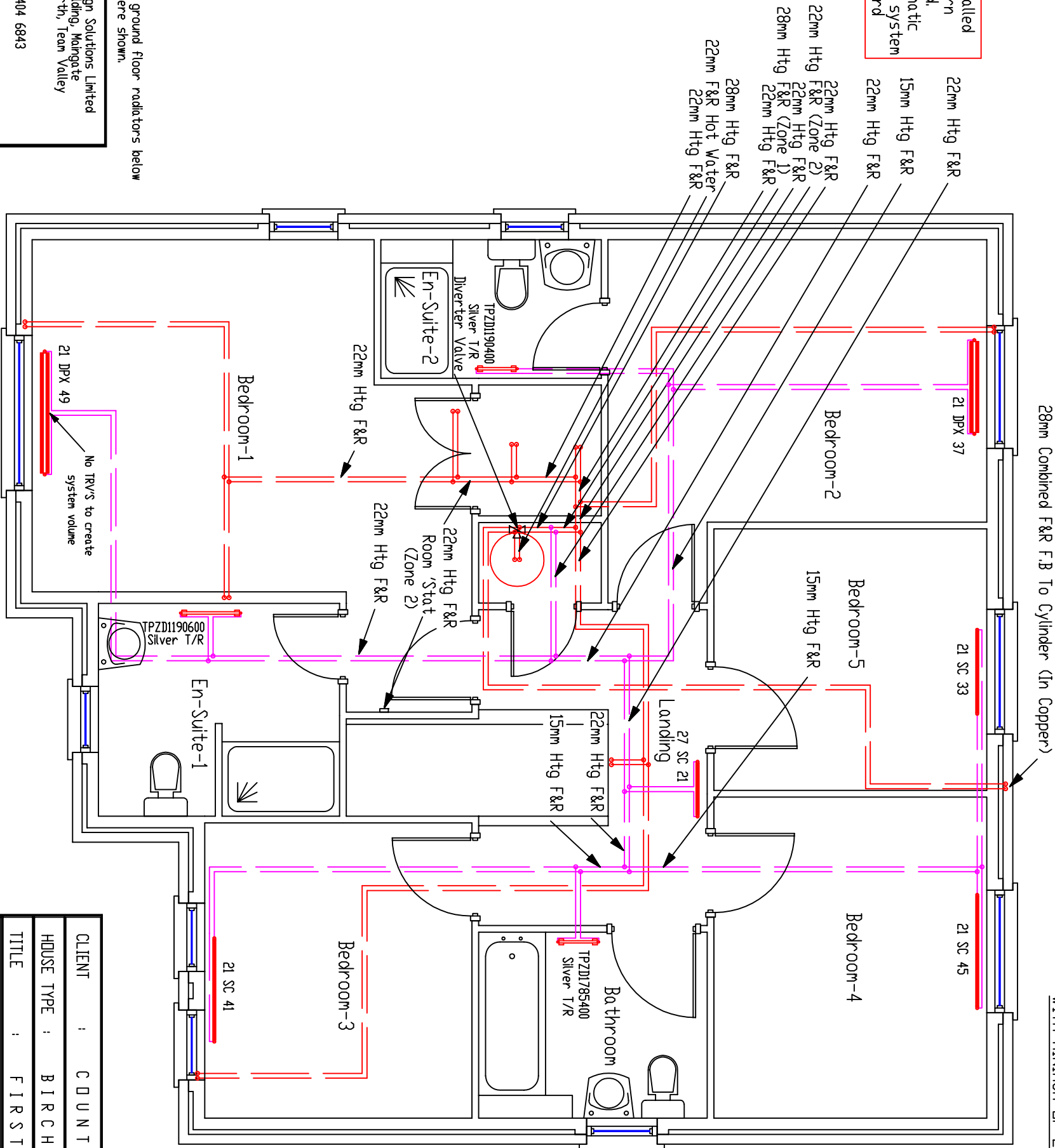
|             |   |                             |
|-------------|---|-----------------------------|
| CLIENT      | : | COUNTRYSIDE PARTNERSHIPS    |
| HOUSE TYPE  | : | BIRCH                       |
| TITLE       | : | GROUND FLOOR HEATING LAYOUT |
| SHEET       | : | 3 OF 4                      |
| SCALE       | : | 1 : 50                      |
| DATE        | : | 11 / 07 / 23                |
| DRAWING No. | : | V240015-1                   |

Commissioning Note:  
Emitters and pipework sized for  
ASHP Flow Temperature: 45 C  
ASHP Return Temperature: 40 C

All pipework in unheated areas  
to be insulated in accordance  
with local and national regulations

Note: Automatic air vents to be installed  
on high point of all flow and return  
pipework rising into roof/ceiling void.  
Where this is not possible, an automatic  
air separator is to be installed on the system  
ideally located in the airing cupboard

ALL RADIATOR PIPEWORK TO BE PLASTIC PIPE, WITH COPPER  
FROM THE HEAT PUMP TO CYLINDER & ALL PIPEWORK  
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ALL PIPEWORK TO RADIATORS TO BE RUN IN CONTINUOUS  
LENGTHS WITH FORMED BENDS AT CHANGES OF DIRECTION  
WITH MINIMUM OF ELBOWS & FITTINGS.



- NOTE:
- 1/ All 1st floor radiators to have 15mm F&R.
  - 2/ All drops from first floor joist space to ground floor radiators below to be 15mm from point of drop, except where shown.



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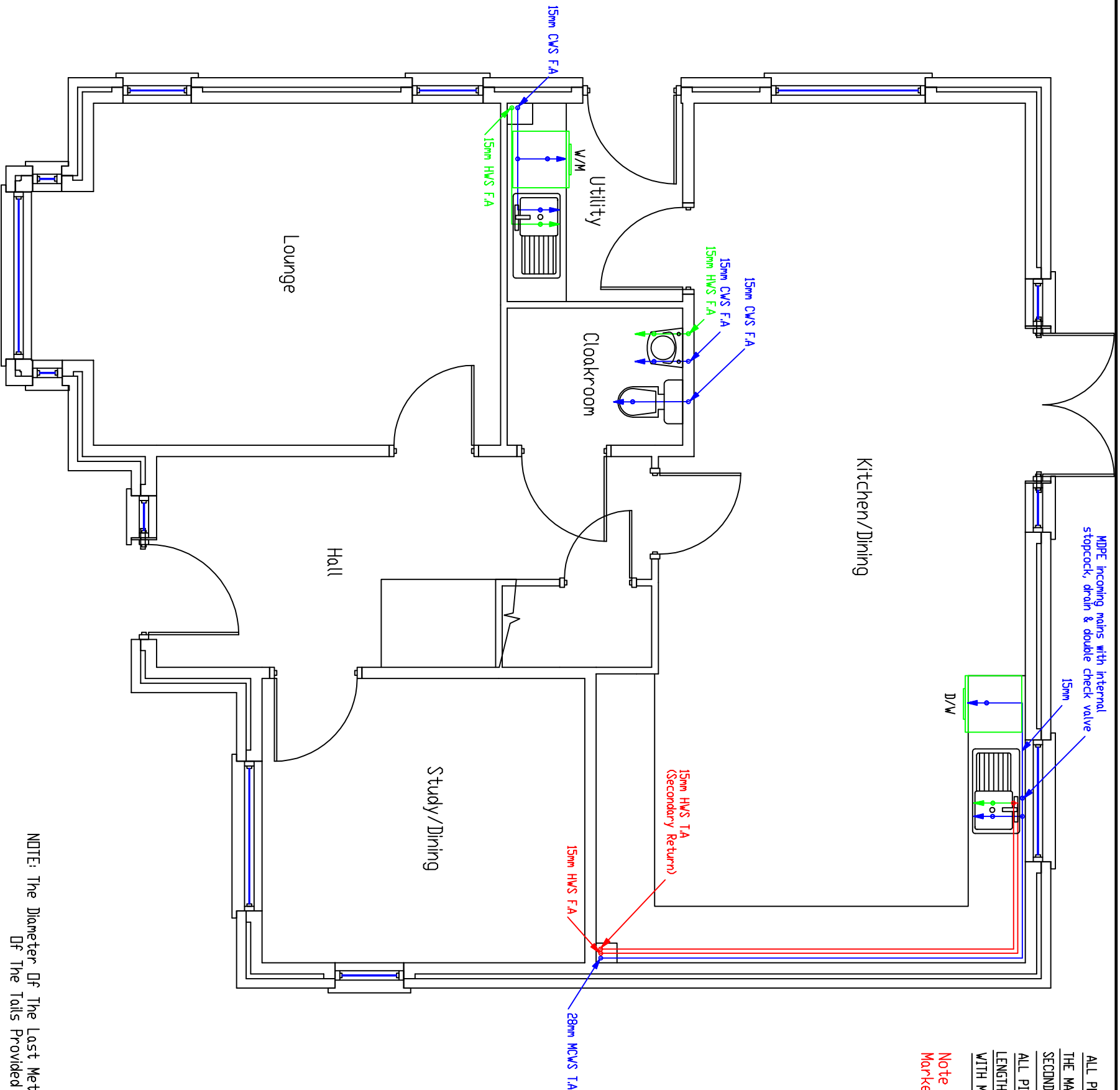
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|------------|----------------------------|-------------|--------------|
| CLIENT     | COUNTRYSIDE PARTNERSHIPS   |             |              |
| HOUSE TYPE | BIRCH                      |             |              |
| TITLE      | FIRST FLOOR HEATING LAYOUT |             |              |
| SHEET      | 4 OF 4                     | DRAWING No. | V240015-1    |
| SCALE      | 1 : 50                     | DATE        | 11 / 07 / 23 |

This drawing is prepared as part of HEATING DESIGN SOLUTIONS LIMITED Design & Advice Service & on its Standard Conditions applicable to such service.

Note: Combination isolation and flow restrictor valves compliant with current regulations must be installed on all services to sanitaryware with particular emphasis to the bath and shower to ensure balanced supplies and adequate simultaneous performance.  
Note: 15mm connections to all outlets unless otherwise indicated

TMV2 rated blending valve to be fitted at bath connection. Must comply with local authority requirements.

All pipework in unheated areas to be insulated in accordance with local and national regulations



ALL PLUMBING PIPEWORK TO BE PLASTIC PIPE, APART FROM THE MAIN HOT WATER PIPERUN AND SECONDARY RETURN PIPEWORK MUST BE RAN IN COPPER.  
ALL PIPEWORK TO BE RUN IN CONTINUOUS LENGTHS WITH FORMED BENDS AT CHANGES OF DIRECTION WITH MINIMUM OF ELBOWS & FITTINGS.  
Note : All Secondary Return Pipework Marked Red Must Be Ran In Copper.

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

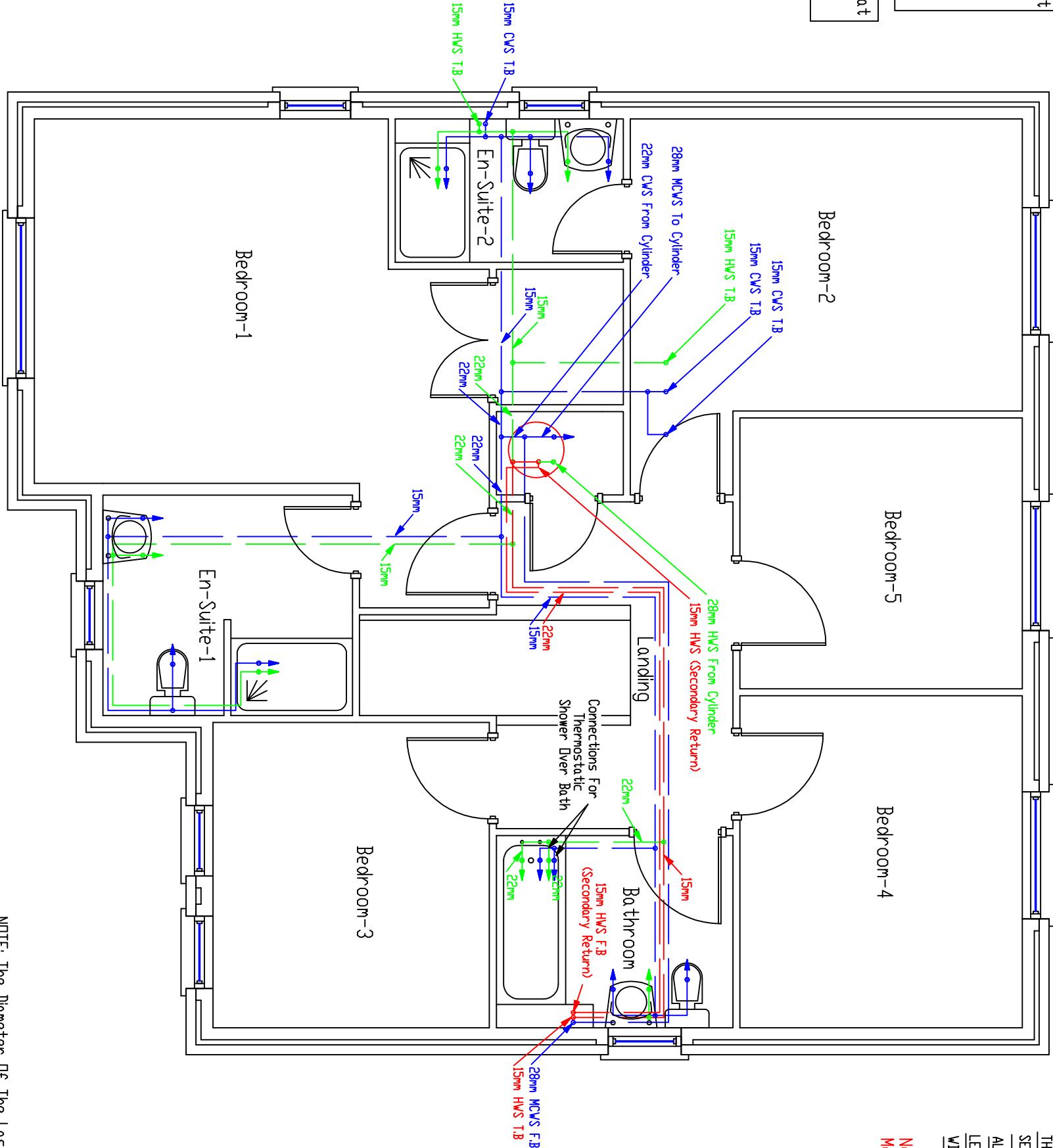
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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--|----------------------------|-------------------|
|  <div>Heating Design Solutions Limited<br/>The Axis Building, Malmgate,<br/>Kingsway North, Team Valley,<br/>Gateshead<br/>NE11 0NQ<br/>Tel No 0191 404 6843</div> | PIPEWORK BELOW FLOOR LEVEL |  | F.A. = FROM ABOVE          | F.B. = FROM BELOW |
|                                                                                                                                                                                                                                                     | PIPEWORK AT LOW LEVEL      |  | T.A. = TO ABOVE            | T.B. = TO BELOW   |
|                                                                                                                                                                                                                                                     | PIPEWORK AT HIGH LEVEL     |  | M.C.W. = MAINS COLD WATER  |                   |
|                                                                                                                                                                                                                                                     | PIPEWORK IN ROOF SPACE     |  | C.W.S. = COLD WATER SUPPLY |                   |
|                                                                                                                                                                                                                                                     |                            |  | H.W.S. = HOT WATER SUPPLY  |                   |
| CLIENT : COUNTRYSIDE PARTNERSHIPS                                                                                                                                                                                                                   |                            |  |                            |                   |
| HOUSE TYPE : BIRCH                                                                                                                                                                                                                                  |                            |  |                            |                   |
| TITLE : GROUND FLOOR PLUMBING LAYOUT                                                                                                                                                                                                                |                            |  |                            |                   |
| SHEET : 1 OF 2                                                                                                                                                                                                                                      |                            |  |                            |                   |
| DRAWN BY : P G                                                                                                                                                                                                                                      |                            |  |                            |                   |
| DATE : 29 / 01 / 24                                                                                                                                                                                                                                 |                            |  |                            |                   |

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Note: Combination isolation and flow restrictor valves compliant with current regulations must be installed on all services to sanitaryware with particular emphasis to the bath and shower to ensure balanced supplies and adequate simultaneous performance.  
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Note : All Secondary Return Pipework Marked Red Must Be Ran In Copper.

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

|                                                                                                                                                                                                                                       |                            |                            |                   |                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------|-------------------|-------------------------------------|
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|                                                                                                                                                                                                                                       | PIPEWORK AT LOW LEVEL      | T.A. = TO ABOVE            | T.B. = TO BELOW   | HOUSE TYPE : BIRCH                  |
|                                                                                                                                                                                                                                       | PIPEWORK AT HIGH LEVEL     | M.C.W. = MAINS COLD WATER  |                   | TITLE : FIRST FLOOR PLUMBING LAYOUT |
|                                                                                                                                                                                                                                       | PIPEWORK IN ROOF SPACE     | C.W.S. = COLD WATER SUPPLY |                   | SHEET : 2 OF 2                      |
|                                                                                                                                                                                                                                       |                            | H.W.S. = HOT WATER SUPPLY  |                   | DRAWING No. : V240015-1             |
| This drawing is prepared as part of HEATING DESIGN SOLUTIONS Design & Advice Service & on its Standard Conditions applicable to such service.                                                                                         |                            |                            |                   | DRAWN BY : P G                      |
|                                                                                                                                                                                                                                       |                            |                            |                   | DATE : 29 / 01 / 24                 |