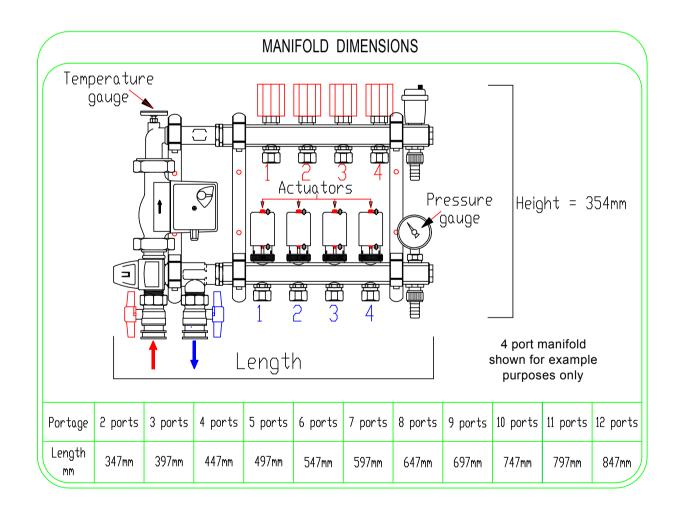
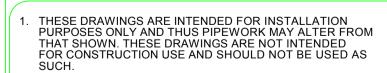


All pipework at 150mm centres unless otherwise stated





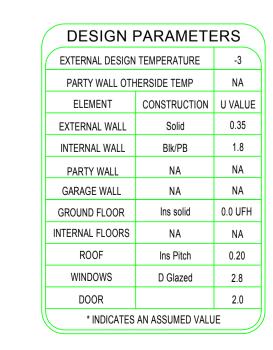
- 2. DETAILS OF ANY ALTERATION DURING INSTALLATION SHOULD BE NOTIFIED TO THE UNDERFLOOR HEATING DESIGNER FOR DRAWINGS TO BE PRODUCED SHOWING SYSTEM AS FITTED.
- 3. PRESSURE TESTING:
  A PRESSURE TEST OF A MINIMUM 3 BAR & MAXIMUM
  OF 6 BAR MUST BE APPLIED TO ALL THE
  UNDERFLOOOR HEATING PIPEWORK PRIOR TO &
  DURING FLOOR FIXING.
- SCREED CURING:
  A CURING PERIOD OF 21 DAYS FOR CEMENT SCREEDS, OR 7 DAYS FOR ANHYDRITE SCREEDS MUST ELAPSE BEFORE HEAT CAN BE APPLIED FOR PRECONDITIONING. CEMENT SCREEDS REQUIRE CURING UNDER POLYTHENE SHEET FOR THE FIRST 7 DAYS AFTER LAYING FOR OPTIMUM STRENGTH. HEAT SHALL BE APPLIED TO THE FLOOR SCREED INITIALLY, USING WARM WATER AT 25-30 degC ON THE FIRST DAY, AFTER WHICH THE FLOW TEMPERATURE CAN BE RAISED BY 5 degC PER DAY UNTIL THE DESIGN TEMPERATURE IS REACHED.

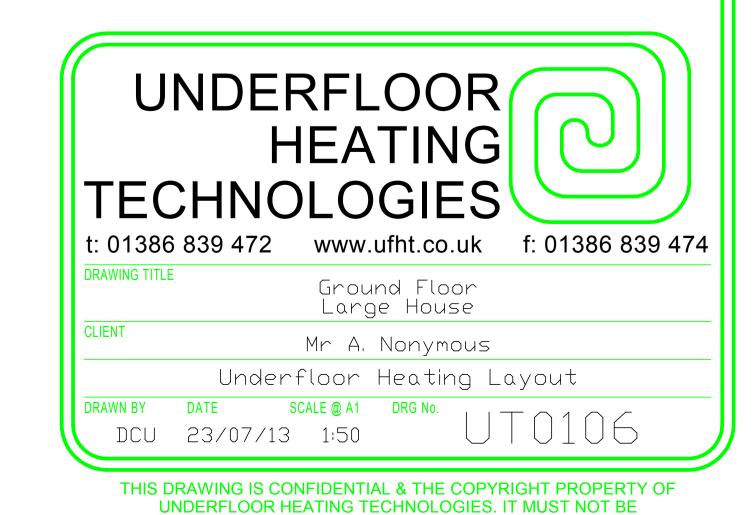
NOTES

- 5. AMBIENT TEMPERATURES: THE UNDERFLOOR HEATING PIPEWORK SHOULD NOT BE LAID WITH AMBIENT TEMPERATURES OF BELOW 0 degC. SCREEDS SHOULD NOT BE LAID WITH AMBIENT TEMPERATURES OF BELOW 5 degC.
- 6. WOOD FLOORS:
  BEFORE TIMBER FLOORING IS LAID UPON HEATED
  SCREEDS THE SCREED MUST HAVE BEEN CURED AND
  CONDITIONED PREVIOUSLY TO A MOISTURE CONTENT
  OF APPROX 0.5% (Carbide Method) BY HEATING
  TO THE OPERATING CONDITION FOR 5 DAYS. IT IS
  NOT RECOMMENDED TO LAY TIMBER FINISHES WHOSE
  MOISTURE CONTENT EXCEEDS 8-9% (by volume), AS
  THE RISK OF WARPING AND SHRINKAGE DAMAGE WILL
  BECOME UNACCEPTABLE. THE TIMBER MANUFACTURERS
  INSTRUCTIONS MUST PREVAIL. THE OPERATIONAL
  SURFACE TEMPERATURE OF WOOD FLOORS SHOULD NOT
  EXCEED 27 degC AS THIS CARRIES A RISK OF
  SHRINKAGE, SUBSEQUENT COOLING MAY RESULT IN
  SWELLING AS EXTRA MOISTURE BECOMES ABSORBED

INTO THE WOOD FROM THE ATMOSPHERE.

- 7. CERAMIC TILES ON WOODEN FLOORS:
  BATHROOM RENOVATION PROJECTS CONTAINING CERAMIC
  FLOOR TILE ON TIMBER SUB-FLOORS REQUIRE EXTRA
  CARE. ALL FLOOR BOARD SUBSTRUCTURES REQUIRE TO BE
  REPLACED OR OVERLAID WITH LARGE SHEETS OF WPB
  PLYWOOD TO ENSURE MINIMUM FLEXURAL MOVEMENT &
  SECURED USING ADHESIVE OR NAILS AT 150mm SPACING.
  CERAMIC TILE ADHESIVE AND GROUTING MUST CONTAIN A
  FLEXIBLE LATEX ADMIXTURE TO PERMIT MICRO-MOVEMENT
  OF TILES DURING NORMAL OPERATION OF THE FLOOR
  HEATING SYSTEM. FAILURE TO CARRY OUT THESE
  INSTRUCTIONS COULD RESULT IN DAMAGE TO THE
  PIPEWORK, SCREED OR FLOOR COVERING.
- 8. CARPET
  CARE SHOULD BE TAKEN TO ENSURE THAT THE COMBINED
  TOGG VALUE OF BOTH THE CARPET AND THE UNDERLAY
  DOES NOT EXCEED 2 TOGG.





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