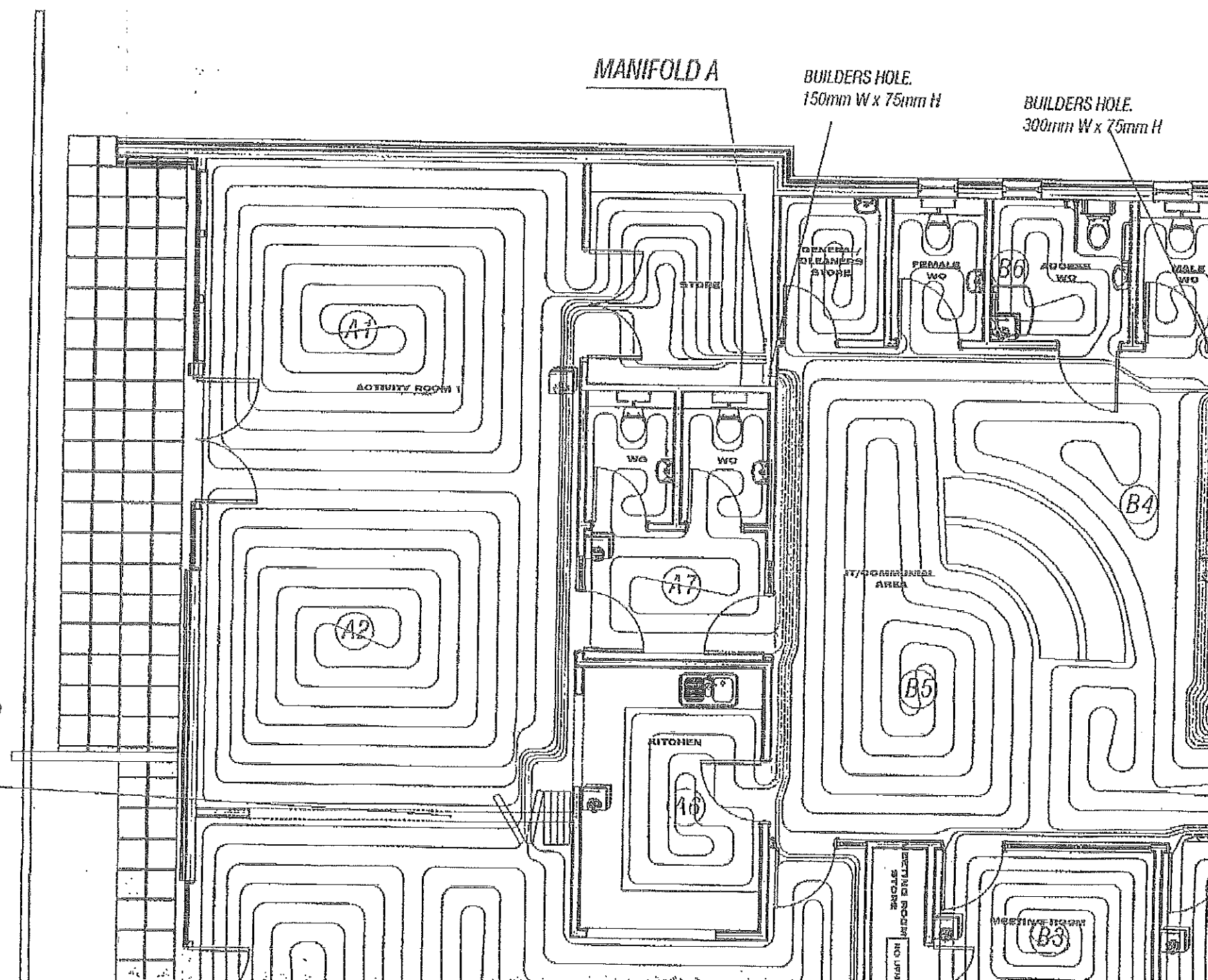
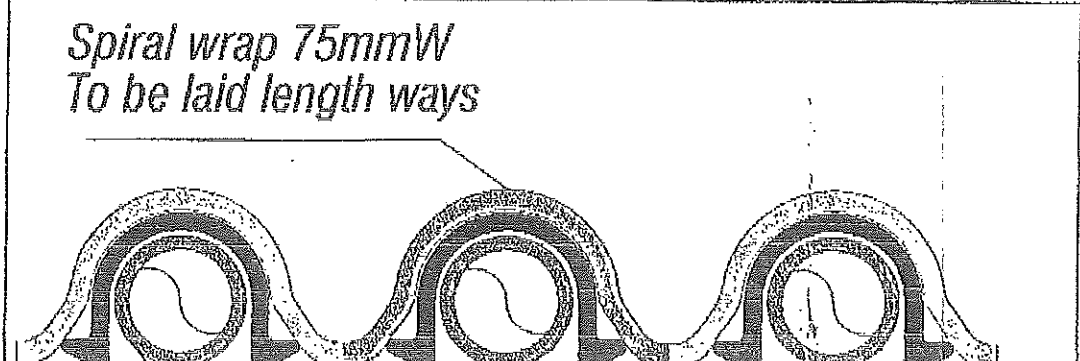
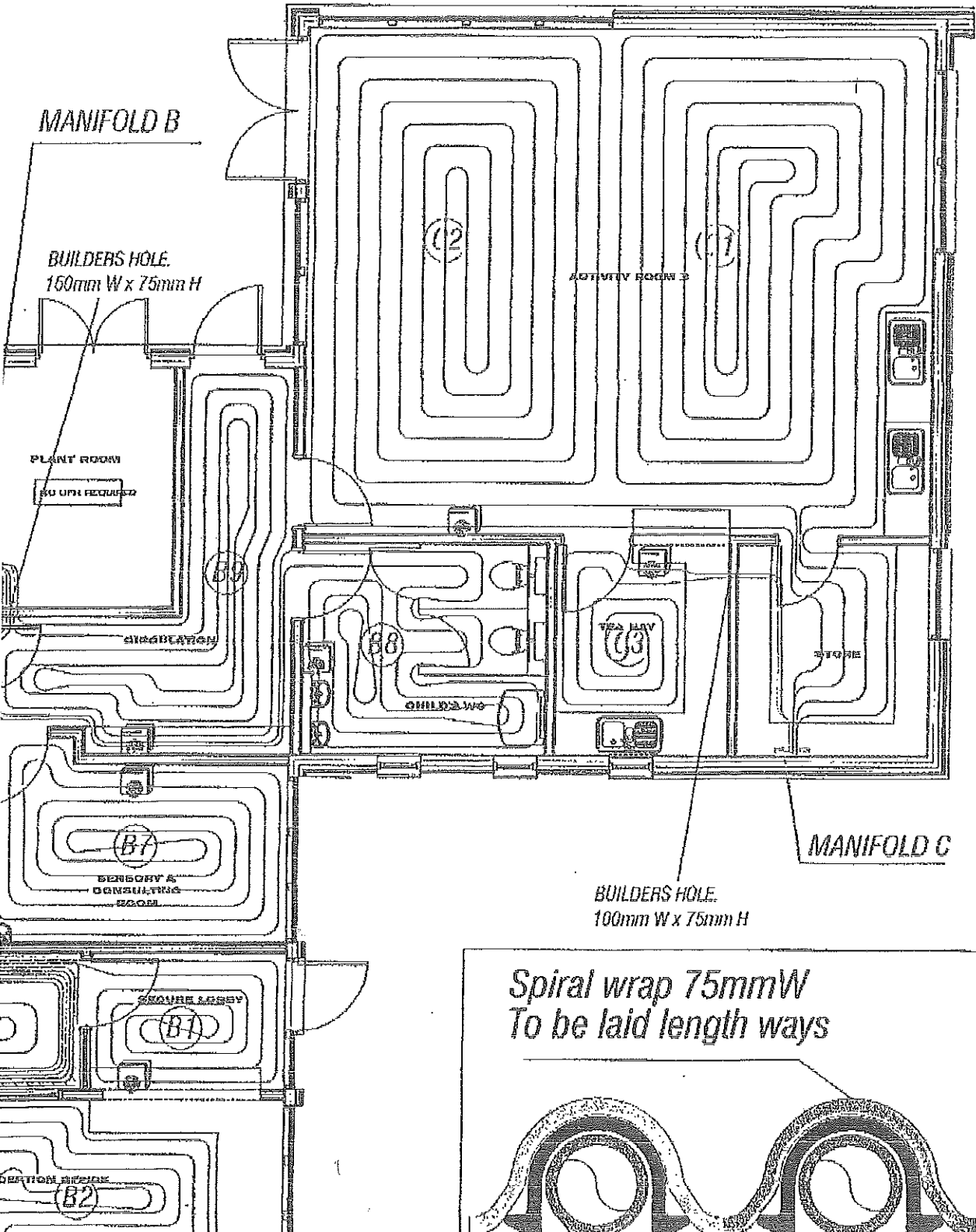


*Pipework to be co-ordinated on site with
sliding door fixing points*

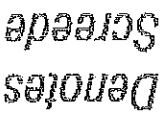




- NOTES: 388
- Installation Requirements
- 1: Prior to the underfloor Heating Installation, the building must be watertight, the floor should be swept and clear of all other trades and materials.
- Structural Requirements
- 2: It is the responsibility of a structural engineer to check that the floor section detail is suitable for the applied and the dead loads on the floor.
- 3: Building movement or expansion joints, where known, have been shown on the drawing, these should be checked and Warmatfloor should be advised of any changes
- Water Volume of Pipework
- 4: 1 metre of 20mm piping holds .20 litres of water
1 metre of 16mm piping holds .11 litres of water
- Distribution Manifold
- 5: The handing of each manifold has been shown for pipework connections, should these handings not be correct or required to be changed Warmatfloor should be notified at five days prior to commencing on site.
- Recommended Mounting Height: 300mm from F.F.L
Recommended Clearance: 100mm for connections.
- 6: The diagram for a distribution manifold set Incorporated within the drawing has been shown schematically and viewed from front & Side.
- Screed Requirements
- 7: Screed is to be left to cure on the recommendations of the Screeder, once this period has been achieved, the flow water temperature should be raised 5°C every other day starting from approx 30°C until the designed flow temperature is reached.
This process should be repeated back down to 30°C
- Electrical Conduits, Pipes
- 8: Unless shown or indicated it is otherwise assumed that the floor is level, flat and free from any conduits, pipes etc fixed to its surface, and no allowance has been made to incorporate any such items.
- 9: Any PVC Sheaved cables must not be in direct contact with the insulation and must be in conduit.
- Underfloor Heating
- 10: Underfloor heating shall not be circuited under toilets, floor mounted basins and built in furniture i.e. cupboards, kitchen units etc unless stated.
- 11: Should any fixing points be required in any floors they should be identified before the Underfloor Heating System is installed.
- 12: All underfloor heating circuits are only indicative layouts and subject to site conditions.
- Carpets & Underlays (Floor Coverings)
- 13: Floor coverings & carpets must be suitable for use with underfloor heating. Carpet underlays should have a TOG rating 1 or less.
- 14: Confirmation from the flooring Manufacturer/Installer, that the floor covering is suitable and must be sought.
- 15: Thermostats/Sensors positions are indicative and should be checked and approved by the consultant and the Architect fitting takes place.
- Control Requirements
- 16: Thermostats recommended mounting height 1600mm from F.F.L.

ALL CONTROLS TO BE FITTED AND WIRED BY OTHERS

CONTROLS REQUIRED



Flow Rate To Manifold: Mains 0.11/s @ 11KPA
Flow Rate To Manifold: 0.261/s @ 16KPA

Flow Rate To Manifold: 0.26l/s @ 16kPa

Flow Rate To Manifold: Mains - 0.11/s @ 11kPA
Flow Rate To Manifold: 0.31/s @ 28kPA

Flow Rate To Manifold: 0.31/s @ 28kPa

ROOMS	10	
EZC CENTRE	1	4 ZONE
EZC CENTRE	2	8 ZONE

Rev	Date	Description	Int
A	11.01.10	ISSUED FOR APPROVAL	
B	02.02.10	MANIFOLD A MOVED CIRCUITS AMENDED TO SUIT	
C	05.02.10	MANIFOLD C MOVED CIRCUITS AMENDED TO SUIT	
I	09.02.10	ISSUED FOR CONSTRUCTION	

CONSTRUCTION



Underfloor Heating and Cooling Specialists
 Concorde House, Concorde Way, Segensworth North
 HANTS RG26 7JH
 TEL: 01489 581787 - FAX: 01489 576444
 E-mail: design@warmfloor.co.uk

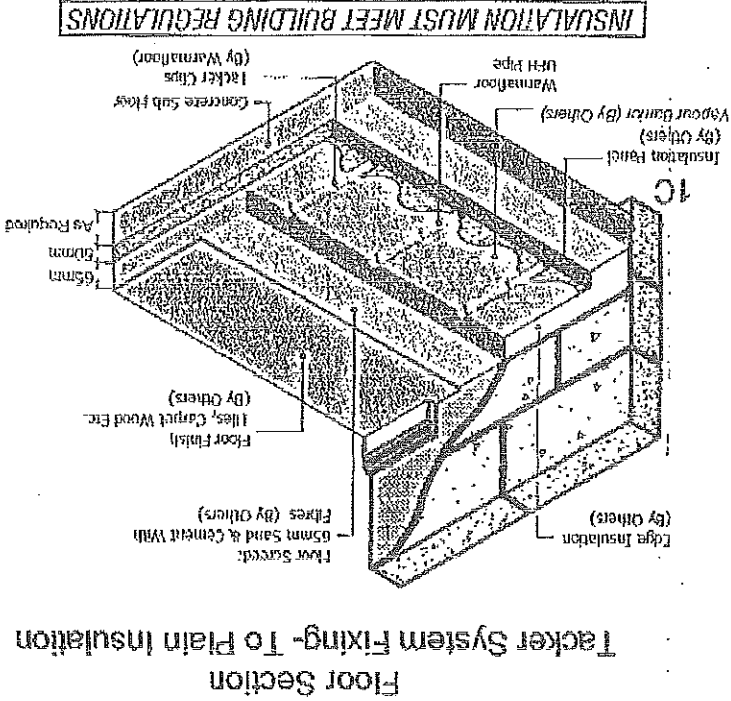
PROJECT: **OXLEY PARK COMMUNITY CENTRE**
 DESCRIPTION: **Underfloor Heating Layout**

DRAWING NO: **S6256-01**
 ENQUIRY NO: **E4717**

SCALE: **1:75@A1**
 DATE OF FIRST ISSUE: **11.01.10**
 DRAWING 1 OF 1
 CHECKED: **BP/DW**
 ENGINEER / ESTIMATOR: **SB**
 DRAWN: **PJ**

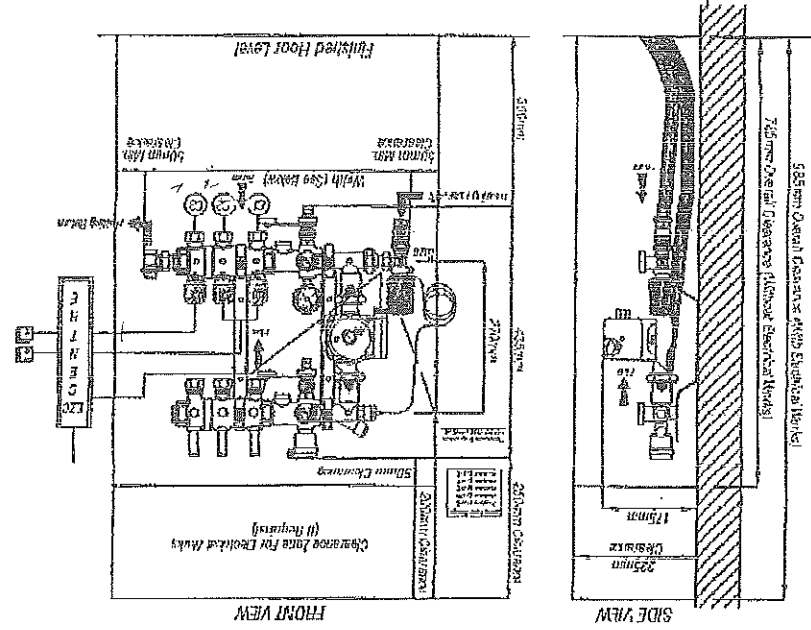
REVISION:	A	B	C	D
PROVISIONAL	APPROVAL	CONSTRUCTION	RECORD	

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FOR WIRING DETAILS SEE DRAWING NO: (MS-PM) ATTACHED.

PUMP MANIFOLD A



PUMP DIMENSIONS:

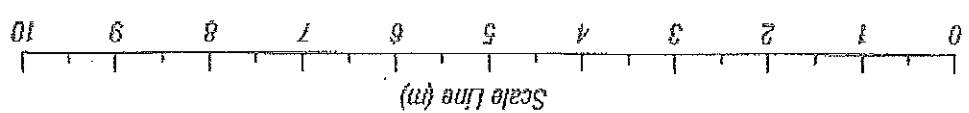
420mm	470mm	520mm	570mm	620mm	670mm	720mm	770mm	820mm	870mm	920mm
2 Port	3 Port	4 Port	5 Port	6 Port	7 Port	8 Port	9 Port	10 Port	11 Port	12 Port

3-Port Manifold C

Flow Rate To Manifold: Mains 0.09l/s @ 10KPA
 Flow Rate To Manifold: 0.18l/s @ 33KPA

ework to be insulated - Supplied by warmfloor
 strengthened with D49 mesh or chicken wire

Circuit No.	Actual + 1m	Pipe Length (m)	Below 50m + 10%	Below 50m + 5%	Pipe Coil (m)	Pipe Spacing (mm)	Pipe Size (mm)	Thermostat	Sensor	Actuator	EZC Centre	4 or 8 Zone or Direct To Pump	Value Size (l)	Manifold Length (L): 470mm	Left Handed
C1	104m	109m	110m	115m	120m	300mm	20mm								
C2						300mm	20mm								
C3						200mm	20mm								



Warmfloor UHF Pipe
 Tacker Clips