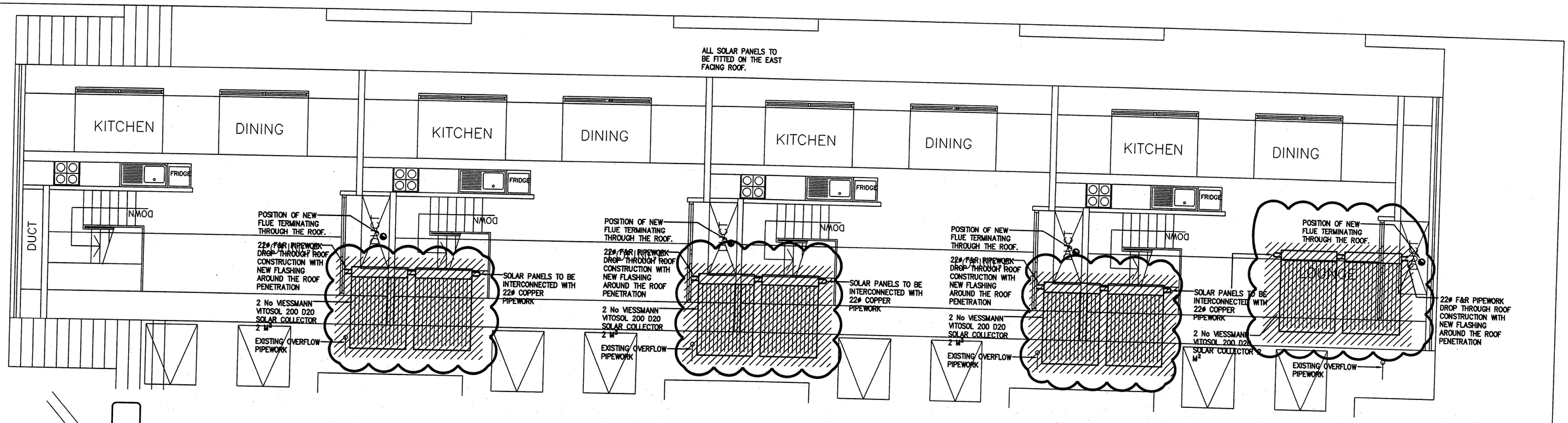
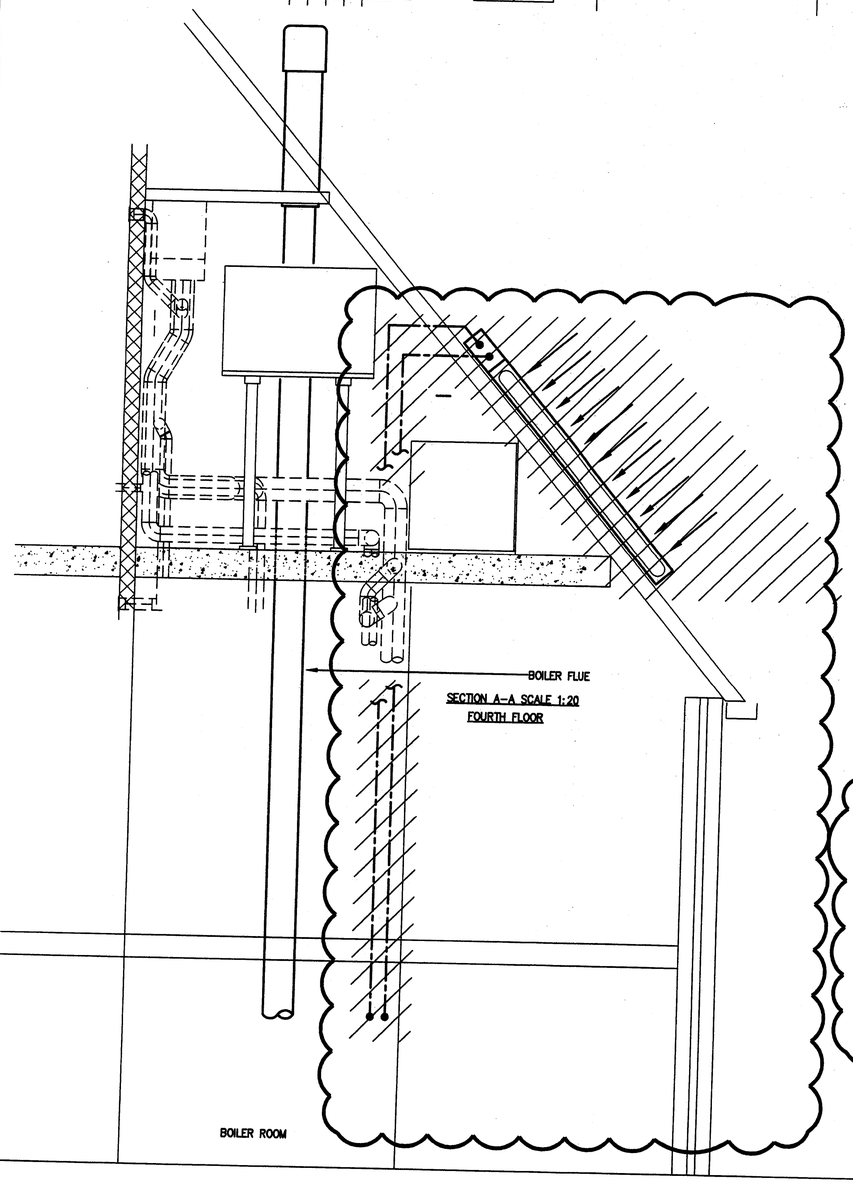


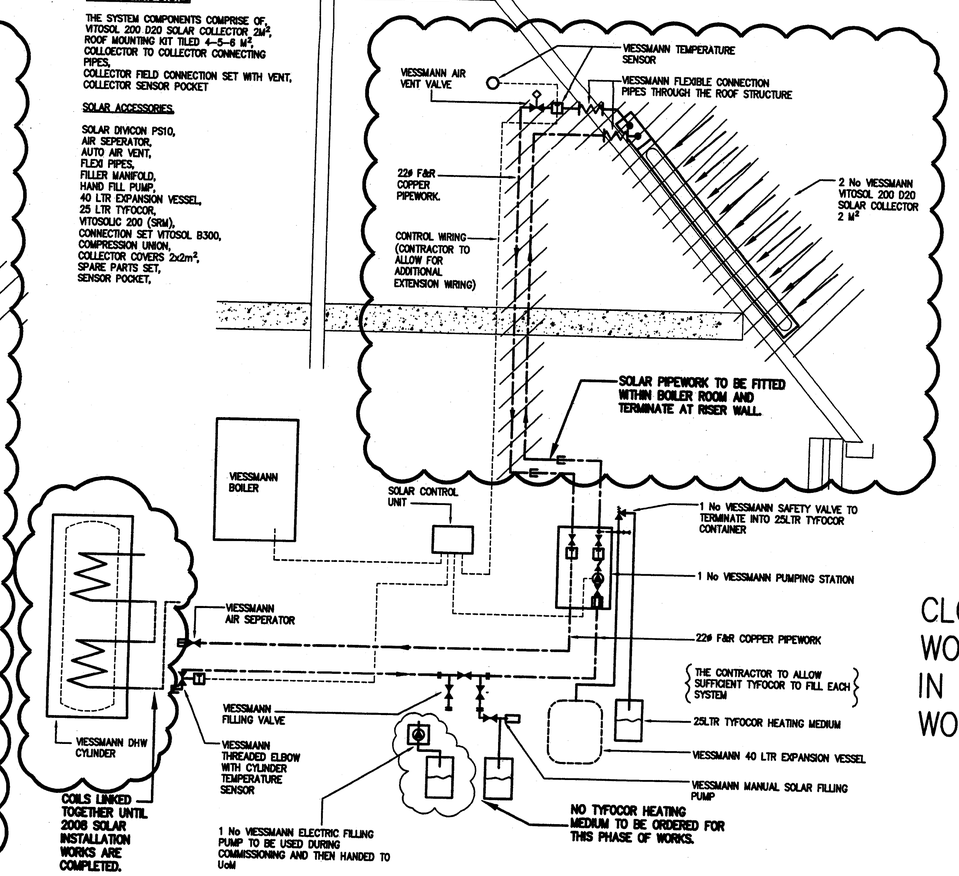


SOLAR HEATING SYSTEM

THE SYSTEM COMPONENTS COMPRISE OF, VITOSOL 200 D20 SOLAR COLLECTOR 2M², ROOF MOUNTING KIT TILED 4–5–6 M², COLLOECTOR TO COLLECTOR CONNECTING PIPES, COLLECTOR FIELD CONNECTION SET WITH VENT, COLLECTOR SENSOR POCKET

SOLAR ACCESSORIES.

SOLAR DIVICON PS10, AIR SEPERATOR, AUTO AIR VENT, FLEXI PIPES, FILLER MANIFOLD, HAND FILL PUMP, 40 LTR EXPANSION VESSEL, 25 LTR TYFOCOR, VITOSOLIC 200 (SRM), CONNECTION SET VITOSOL B300, COMPRESSION UNION, COLLECTOR COVERS 2x2m², SPARE PARTS SET, SENSOR POCKET,



LEGEND

- PIPEWORK AT LOW LEVEL
- PIPEWORK AT HIGH LEVEL
- PIPEWORK WITHIN CEILING VOID
- PIPEWORK BELOW FLOOR LEVEL
- MCWS MAINS COLD WATER SERVICE
- TCWS TANK COLD WATER SERVICE
- HWSF HOT WATER SERVICE FLOW
- HWSR HOT WATER SERVICE RETURN
- HL HIGH LEVEL
- LL LOW LEVEL
- RFB RISE FROM BELOW
- RTA RISE TO ABOVE
- DTB DROP TO BELOW
- DFA DROP FROM ABOVE
- FWV FOWL WATER VENT
- FWD FOWL WATER DRAIN
- RE RODDING EYE
- ISOLATING VALVE
- PIPEWORK RISER OR DROPPER
- MOTORISED 2–PORT CONTROL VALVE
- DRAIN OFF COCK
- PRESSURE GAUGE
- TEMPERATURE GAUGE

NOTES

1) DRAIN COCKS SHALL BE PROVIDED AT ALL LOW POINTS IN THE SYSTEM
2) AUTOMATIC AIR VENTS SHALL BE PROVIDED AT ALL HIGH POINTS IN THE SYSTEM

CLOUDED AREAS INDICATE WORKS TO BE COMPLETED IN THE 2008 PHASE OF WORKS

Initial	Date	Revision	Index letter
JA	25/07/07	– DRAWING UPDATED TO SHOW THE SOLAR PANEL WORKS BEING DEFFERED UNTIL 2008	A

CONSTRUCTION DRAWING

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Job name
REPLACEMENT BOILERS AT BURLEIGH HOUSE UoM WHITWORTH PARK

Title
TYPICAL DETAILS OF PROPOSED SOLAR HEATING SYSTEM LAYOUT

PLANNING
28 MAR 2008
Project 5021

THE UNIVERSITY of MANCHESTER
The Office of the Director of Estates, The Beyer Building, Oxford Road, Manchester M13 9PL

Drawn	JA	Scale	1:50 @ A1
Checked	SM	Date	JUNE 2007

Drawing Number
M3653/BUR/M05

Original Drawn on AutoCAD 2004 by JA

Revision REV A