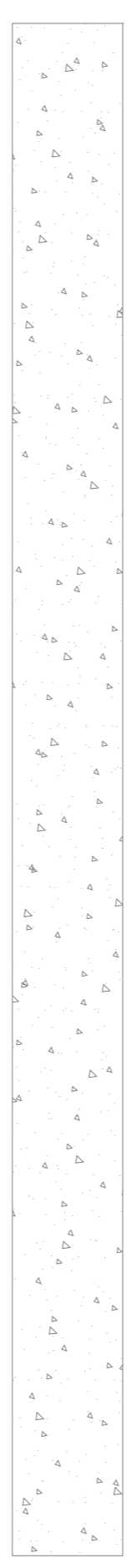


SECTION C-C  
CONNECTION GROUND LOOP CIRCUIT



SECTION D-D

LEGEND:  
 160ø HDPE PIPE  
 DN125 CARBON STEEL PIPE



Notes:

- To be read with all other project drawings and specifications
- Dimensions in millimeters unless otherwise stated
- Report any errors, omissions or changes in/to this drawing to Geothermal International
- Do not scale from this drawing
- All builders work in connection with Geothermal installation by others
- Air vents shall be installed at high points of the system
- Drain cocks shall be installed at low points of the system
- Dirt and air separator to be installed as shown and to manufacturers' specification
- All concrete bases provided by others
- Insulation and cladding of pipework and valves by others
- Pipework hangers, brackets and the like by Geothermal International. Pipework primary support steel by others
- Inverters to be frame or wall mounted adjacent to ground loop circulation pump. If not mounted on wall use suitable backplate.
- Wall/Frame mounted pressurisation unit to exclude expansion vessel
- Strainer shall be installed at ground source heat pump, as shown and to the manufacturers' specification
- Suitably sized isolators/breakers to be located within 1m of electrical equipment. Isolators/breakers shall be supplied and installed by others
- Geothermal insulation excludes any load side pipework equipment and auxiliary items
- X-ref's taken from Buro Happold drawing no. SCCS\_ME\_7808 rev. A
- 45 No. 40ø pipe Boreholes to an effective geothermal depth of 150 m to serve 1No. WSH-XSC 180F Olivet Heat Pump.

**FOR CONSTRUCTION**

Rev	By	Chkd	Apprvd	Date	Description
C0	MP	RM	RM	21/04/11	Issued For Construction

The copyright in this document (including in electronic form) shall remain vested in Geothermal International and shall not be transferred to any other person. This document is provided for the purposes for which it was provided. GIL shall not be liable for the use by any person of this document for any purpose other than which the same was provided by GIL. This document shall not be reproduced in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the express written authority of GIL.

Client  
**BAM Construction Ltd.**

ground source heating cooling + hot water  
 geothermal international by Solar Cool 1-4410124787-7355 Registered in England Sole directors of  
 142 Albany Road Farnborough Hampshire GU14 7PH Company No. 5209944  
 VAT No. 912 627 0000  
 01252 420000  
 01252 420000  
 01252 420000  
 01252 420000

Project  
**South Camden  
 Community School**

Drawing  
**Geothermal  
 Plant Room Sections**

Drawn by:	MP	Date:	13-Jul-11
Checked by:	RM	Date:	13-Jul-11
Approved by:	RM	Date:	13-Jul-11
Drawing No.	<b>SCCS-GIL-0010</b>		
Revision	<b>C0</b>		