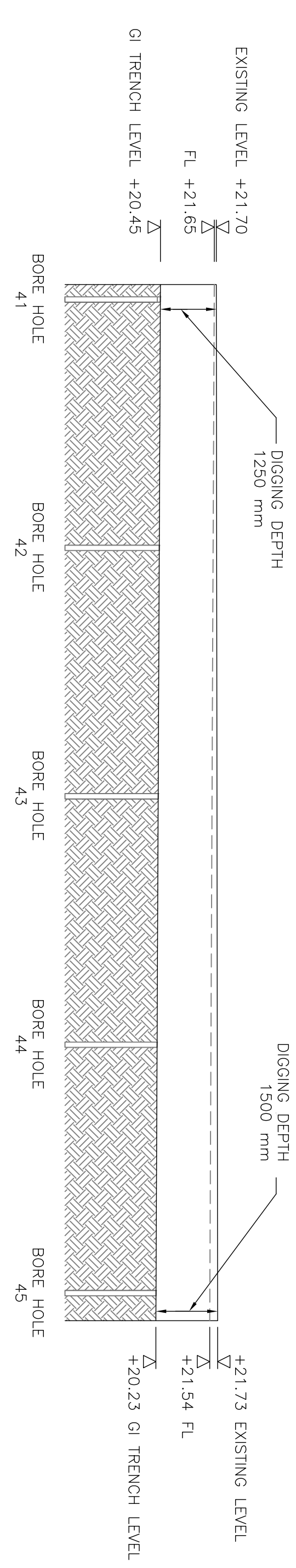
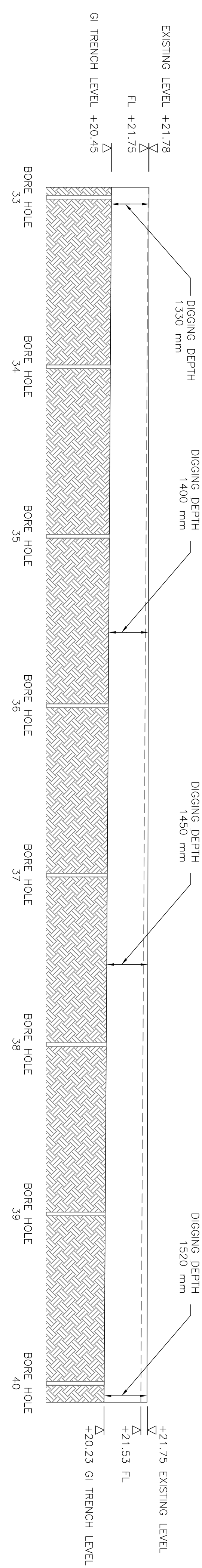


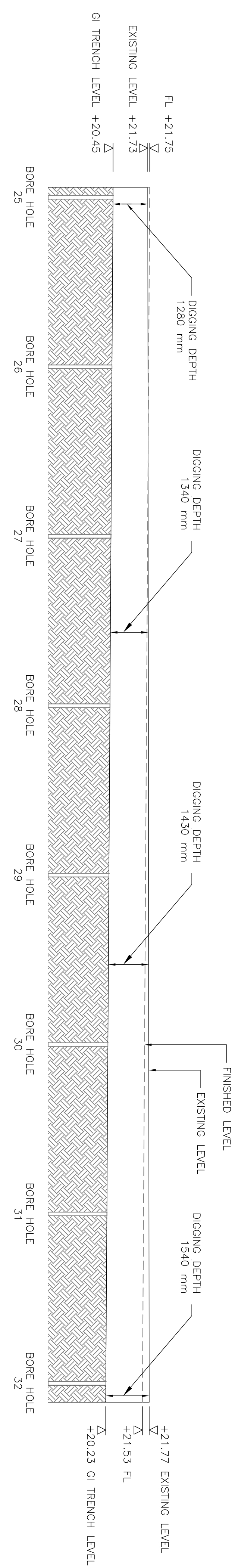
TYPICAL GEOTHERMAL TRENCH SECTION



SECTION F-F



SECTION E-E



SECTION D-D

Notes:

1. To be read with all other project drawings and specifications.
2. Dimensions in millimeters unless otherwise stated.
3. Report any errors, omissions or changes in or to this drawing to Geothermal International.
4. Do not scale from this drawing.
5. All builders work in connection with the Geothermal installation **by others**
6. Geothermal International shall liaise with the site manager to ensure final co-ordination of pipe work and below ground services.
7. All trenching, backfilling, liquid spoil removal, solid spoil removal, compaction, backfill, landscaping, reinstatement and builders work **by others**.
8. Trenches excavated by others must be made safe to work in and around by others, and shall be of a suitable width to ensure safety and ease of movement of work. Trenches shall be dug to a suitable depth to provide an adequate non-bearing material, pipe bedding and protection for the geothermal pipes. Any depth which one unsafe should be made safe by tapering, stepping or battering sides, or using appropriate shoring **by others**.
9. Geothermal collector pipe work to be laid on suitable graded os-dug material (refer to ICH 4-08-01 Bedding & Side Fill Material). Where os dug material is not suitable, geothermal pipe work to be laid on 100mm bedding using suitable aggregate. Geothermal pipe work should be overlaid with 100mm sand or suitable graded os-dug material if arising is deemed detrimental to pipe work such that punctures could occur. When backfilling, marker tops to be installed **by others** 100mm above geothermal pipe work.
10. All waterproofing, builders' work, penetrations associated with geothermal pipe work entering building **by others**.
11. 54 No. 400 boreholes to an effective depth of 150m to serve 1 No. WSHF-XSC 150F CLWET heat pumps.
12. Existing ground levels are taken from Site Vision Survey drawing no. 0208/RWC/005, dated 13/03/08. Finished ground level are taken from BAM drawing no. SCCS_LAND_1903, Rev 02

FOR CONSTRUCTION

Rev	By	Chkd	Appr'd	Date	Description
C0	MP	MC		13/May/11	Issued for Construction
A	MP	MC		27/Apr/11	Issued for Approval

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Project:
 South Camden
 Community School

Drawing:
 Geothermal
 Trench Sections
 sheet 2 of 2

Drawn by:	MP	Date:	27-Apr-11
Checked by:	MC	Date:	27-Apr-11
Approved by:		Date:	
Drawing No.	SCCS-GIL-0005	Revision	C0