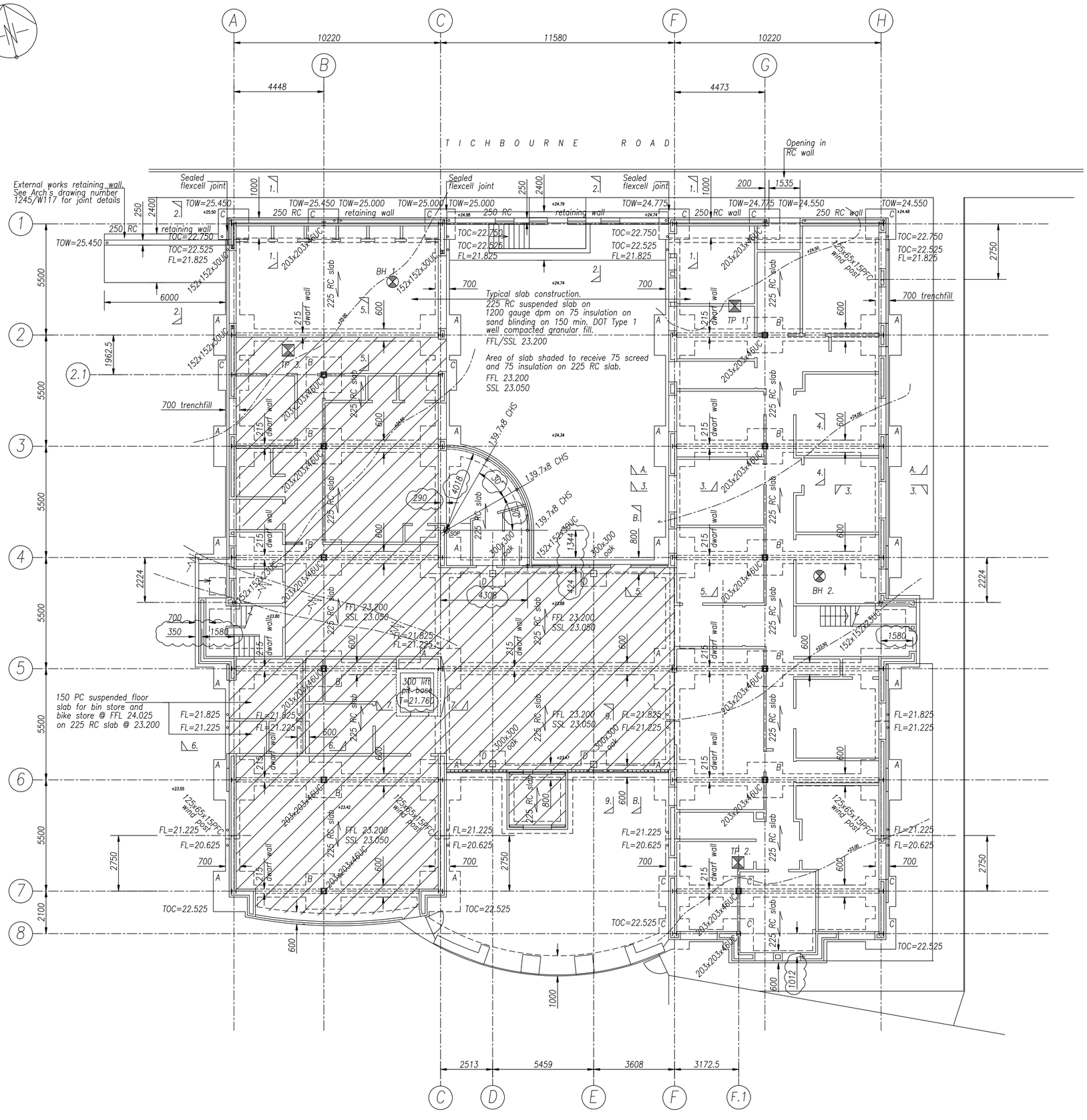
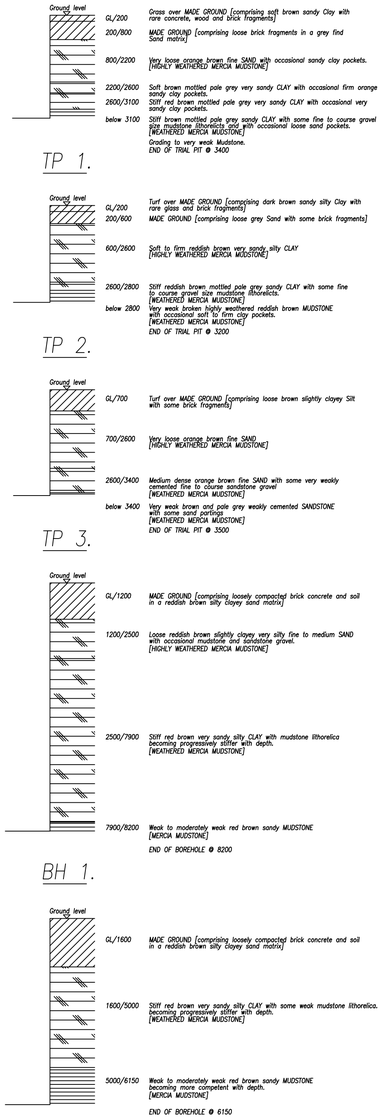
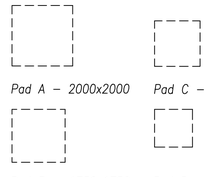




Borehole [BH] and Trial pit [TP] logs



Pads to be centrally under stanchions unless noted otherwise

MC [C20] pad schedule

Trenchfill wall foundations to be GEN 3 mass concrete with widths and formation levels as indicated on plan.

Trenchfill foundations

All stanchions to be 203x203x71UC unless noted otherwise on plan.

Stanchion details

Notes

1. This drawing to be read in conjunction with all relevant current Architects drawings.

2. For sections indicated on this drawing refer to drawing numbers 11686–02 & 07.

3. All concrete is to be transported, delivered and compacted in accordance with BS5328. Minimum grade of concrete to be as follows:–
Trenchfill and pads – GEN 3 [C20]
Retaining wall – RC 35
Ground floor slab – RC35.

4. All reinforcement is to be in accordance with BS4449 Grade 460.

5. Abbreviations
TOC = top of concrete
FL = concrete formation level
+ 24.74 = existing ground levels
TOW = top of retaining wall
FFL = finished floor level
SSL = structural slab level.

6. The foundation sizes and depths are based on the recommendations noted within the Integrale Geotechnique site investigation report reference 7001 dated March 2002.
Copies can be obtained from M A Howard Associates.

A ground bearing pressure [GBP] of 150kN/m has been taken within the stiff very sandy clay [Weathered Mercia Mudstone]as noted within the borehole [BH] logs.

7. Blockwork below ground to be 7N/mm2.

8. Structural steelwork:–
All structural steelwork to be supplied, fabricated and erected in accordance with BCSA publication "National structural steelwork specification for building construction" 2nd edition.

Details of structural steelwork fabrication to be submitted to MA Howard Associates for approval prior to proceeding with any fabrication. Where moments and shears on details are not indicated, adopt 2/M16 [grade 8.8] bolts as a minimum connection.

9. Paint specification:–
All structural steelwork shall be blast clean in accordance with Clause 720 of BS7079:PartA1:preparation grade SA2.5 and shop primed with a high build zinc phosphate primer [dry film thickness 75 microns].

rev	date	by	description
F	23.7	CFH	REVISIONS CLOUDED
E	9.7	CFH	OPENING IN RC WALL ADDED
D	9.6	CFH	GRIDLINES & RETAINING WALL REVISED. STAIR DETAILS REMOVED
C	27.9	CFH	INTERNAL ENTRANCE POSTS REVISED.
B	26.6	CFH	INTERNAL ENTRANCE POSTS REVISED. WIND POSTS, RETAINING WALL AND STANCHIONS ADDED
A	14.6	CFH	DRAWING UPDATED

M. A. HOWARD ASSOCIATES
Consulting Civil & Structural Engineers
190, Bedminster Down Road
BRISTOL, BS13 7AF
Tel & Fax (0117) 949 6749

architect
Quattro Design Architects Limited
1 Great George Street
Bristol BS1 5RR

job title
Wellspring Healthy Living Centre
Barton Hill, Bristol
for Community at Heart

drg title
FOUNDATION AND GROUND FLOOR PLAN

job No	drg No	rev
11686	01	F

date	May 2002	scale	1:100 @ A1
drawn	CFH	Filename	11686–01F