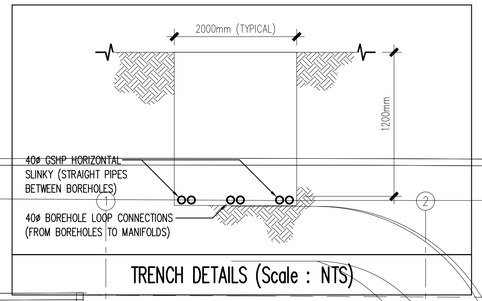

TRENCH DETAILS (Scale : NTS)

NOTES

1. OUTLINE DESIGN DEVELOPED/MODELLED WITH COAL IT SERVICES.

   CONTACT:

   SIMON SIMMONS
   TEL – 01708 559 799
   MOBILE – 07824 646 791
2. SEE OUTLINE SPECIFICATION FOR DETAILS.

KEY

- VERTICAL BOREHOLE
- HORIZONTAL TRENCH AREA

RADLETT PLACE

turning circle ferrari

G-26 SUBSTATION
G-25 GARAGE
G-02 SERVICE LIFT
G-22 FAMILY STUDY
G-21 STUDY
void above
G-23 GARAGE FOYER
G-19 REST ROOM
G-18 SERVERY
G-17 FOYER
G-01 LIFT
G-14 COATS
G-01 ENTRY FOYER
G-16 FORMAL DINING
G-15 FORMAL RECEPTION
G-06 GUEST WC
G-05 LOBBY
G-07 FAMILY WC
G-08 BOOTS
G-03 FAMILY LIVING
G-04 FAMILY DINING
BIN STORE
G-13 STAFF LIVING
G-12 STAFF FOYER
G-11 COLD STORE
G-10 FRIDGE
G-09 FAMILY KITCHEN
full height joinery
store
ramp
skylight
SUNKEN COURTYARD BELOW
balcony above
riser 4.2x0.6
riser 4480x3900
riser 3.15x1.1
riser 2.15x1.1
riser 3.6x0.55
riser 5.5x0.25
RWP
fire
mirror
seat
T1:B2
T2:B2
T3:B2
OUTLINE OF LOWER GROUND FLOOR WALL LINE
*POSITION TBC

AIR VALVES/MANIFOLD ACESS POINT
2No. 200ø GSHP F&R PIPES DROP BEHIND RETAINING WALL
OUTLINE OF LOWER GROUND FLOOR WALL LINE
TO PLANTROOM BELOW LGF SLAB
BOREHOLE HEAD AT LGF LEVEL
40ø BOREHOLE LOOPS RISE BEHIND RETAINING WALL
GSHP F&R HEADERS (BELOW GROUND)
OUTLINE OF BASEMENT LINE
BOREHOLE HEAD AT LGF LEVEL
40ø BOREHOLE LOOPS RISE BEHIND RETAINING WALL
BOREHOLE HEAD AT LGF LEVEL

TYPICAL CLOSED LOOP BOREHOLE
40ø SINGLE LOOP BOREHOLE (180ø) (100_PE) 180m DEEP *SUBJECT TO THERMAL RESPONSE TEST/DESIGNERS MODELLING

✱ADDITIONAL BOREHOLES IN TREE PROTECTION ZONE FINAL AGREEMENT BY SPECIALIST (HAND TRIAL DIG ALL AREAS WITH TREE SPECIALIST IN ATTENDANCE – RIG POSITION BELOW CANOPY TBC)

BOREHOLES SUBJECT TO TREE EXCLUSION AREA CONFIRMATION

✱ADDITIONAL BOREHOLES IN TREE PROTECTION ZONE FINAL AGREEMENT BY SPECIALIST (HAND TRIAL DIG ALL AREAS WITH TREE SPECIALIST IN ATTENDANCE – RIG POSITION BELOW CANOPY TBC)

BOREHOLES SUBJECT TO TREE EXCLUSION AREA CONFIRMATION

ADDITIONAL BOREHOLES IN TREE PROTECTION ZONE TBC BY SPECIALIST

✱ADDITIONAL BOREHOLES IN TREE PROTECTION ZONE FINAL AGREEMENT BY SPECIALIST (HAND TRIAL DIG ALL AREAS WITH TREE SPECIALIST IN ATTENDANCE – RIG POSITION BELOW CANOPY TBC)

Ground

Note
ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE SETTING OUT OR MAKING ANY SHOP DRAWINGS. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE CONSULTANT ENGINEER'S SPECIFICATION.

Orientation

Rev./Date	REVISIONS
P 04.04.12	PRELIMINARY ISSUE
P1 19.04.12	UPDATES TO LATEST LAYOUTS
P2 04.05.12	REVISED TO LATEST LAYOUTS
PT 11.05.12	PRE-TENDER ISSUE
T 07.06.12	STAGE 1 TENDER ISSUE
T1 25.10.12	PLANNING ISSUE

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M&E Consultants Energy Consultants

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Description

GROUND FLOOR
GSHP BOREHOLES/PIPE ARRAY

Project

1 RADLETT PLACE
St. JOHNS WOOD
LONDON
NW8

Architect
SHH Architects
1 Vencourt Place
Ravenscourt Park
Hammersmith, London, W6 9NU
Tel : 0208 600 4171

xref	700(SK)022 (H) Ground Floor
Scale	A1 @ 1:100
Drawn	JB / SBJ
Date	April 2012
Checked	
Issue	PLANNING

Project No.	Services	Dwg No.	Rev.
507	M	22	T1