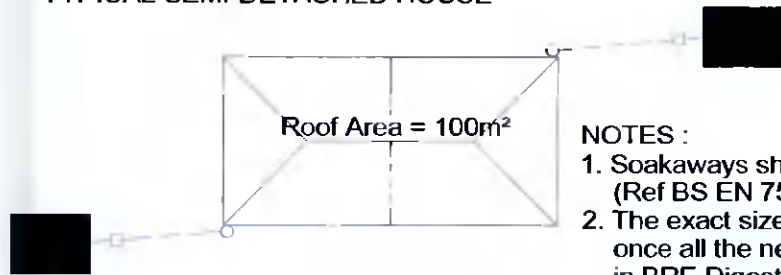


TYPICAL SEMI-DETACHED HOUSE



Roof Area = 100m²

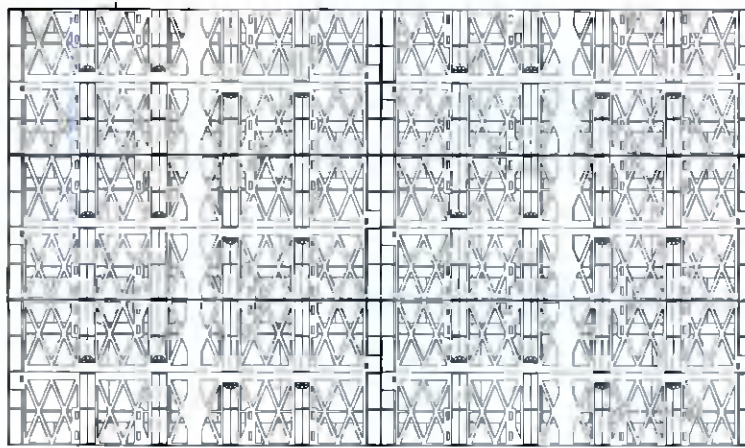
NOTES :

1. Soakaways should be sited at least 5m away from the building. (Ref BS EN 752)
2. The exact size and shape of the soakaways are to be determined once all the necessary calculations have been produced as described in BRE Digest 365 - Soakaway Design
3. Maximum installation depth as per manufacturer's guidelines
4. Loading capacity 17.5 tonnes/m² vertically 4.0 tonnes/m² laterally
 = 250mmØ Silt Trap

GROUND LEVEL

0.5m MINIMUM COVER

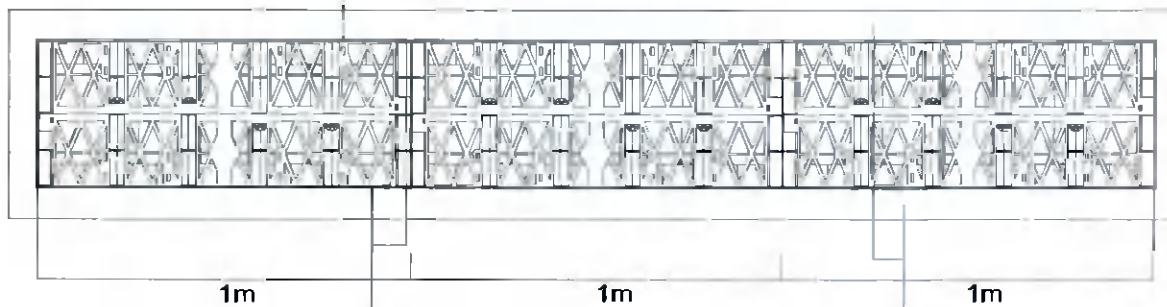
BACKFILL SEE ROAD BUILD-UP



ROAD LEVEL

0.5m MINIMUM COVER

BACKFILL AS-DUG



PERMEABLE GEOTEXTILE

100mm COARSE SAND OR NON ANGULAR GRANULAR MATERIAL BASE AND SURROUND

NOTE:
0.3m MINIMUM COVER, BUT 0.5M COVER IS RECOMMENDED TO PREVENT ACCIDENTAL DAMAGE.

Notes:

1. All dimensions to be checked on site. Engineer to be informed immediately of any discrepancies before work proceeds.
2. All blockwork to be dense solid blockwork with a minimum compressive strength of 5n/mm² u.n.o. and shall comply with the requirements of IS 325.
3. All foundations to be placed on minimum 50mm lean mix blinding (U.N.O.)
4. For details of underground drainage services refer to architects' and engineers drawings. For exact location of services, service openings, external ducting and lighting refer to architects engineers drawings.
5. All temporary works necessary shall be the sole responsibility of the contractor.
6. All steel to be CE certified
7. This drawing to be read in conjunction with all relevant architects and engineers drawings.
8. All concrete to be grade 35N/20 with a crushing strength of 35N/mm² after 28 days.
9. Reinforcement to have a minimum of 40mm clear cover of concrete unless otherwise noted.
10. Do not scale drawing.
11. All dimensions in millimeters unless otherwise stated.
12. Foundations to be formed on suitable bearing strata with capacity of 100 kn/sq.m.
13. Engineers office to be notified 24 hours before concrete pour.
14. Foundation design subject to no presence of water. Engineers office to be notified if soil conditions differ.
15. All dimensions and setting out to be confirmed and checked with architects drawings. Any discrepancies to be disclosed to architects and engineers office.
16. All building works to comply with current building control and regulations (BCaR).

Rev	Description	Date
01	Planning	11/20

Approval Status:
P1 - Suitable for Planning

Client:
Richard & Eilana Quinn

Job Title:
Proposed Dwelling at Kilakee Green, Firhouse, D.24

Drawing Title:
Typical Soakaway Detail

Project	Location	Client	Date	Scale
SOS	BK	NTS	24/11/23	A3

Dwg No:
20A224-SHD-XX-XX-DR-C-0004

**Structural Home Design
Consultant Engineers**

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