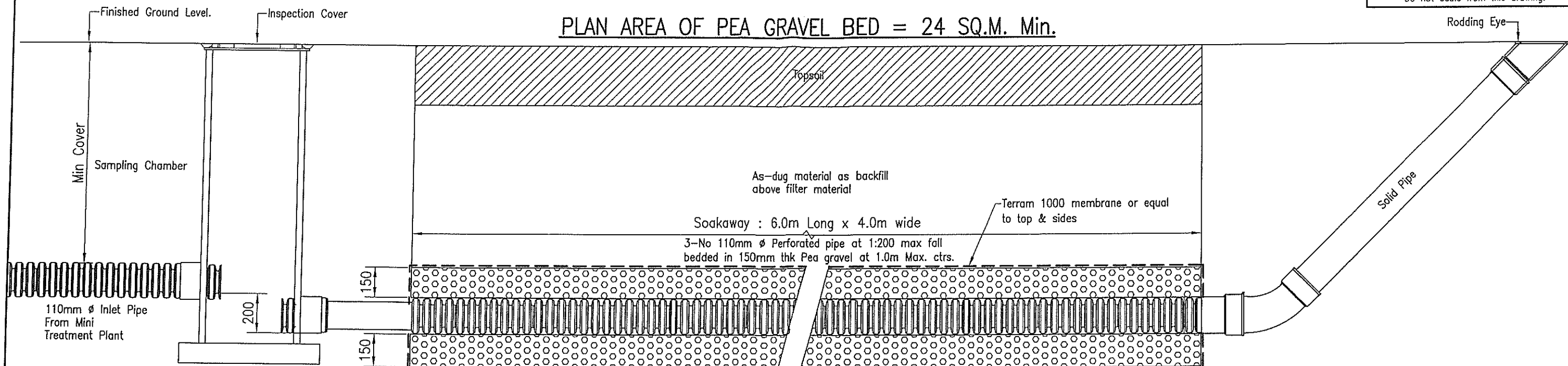
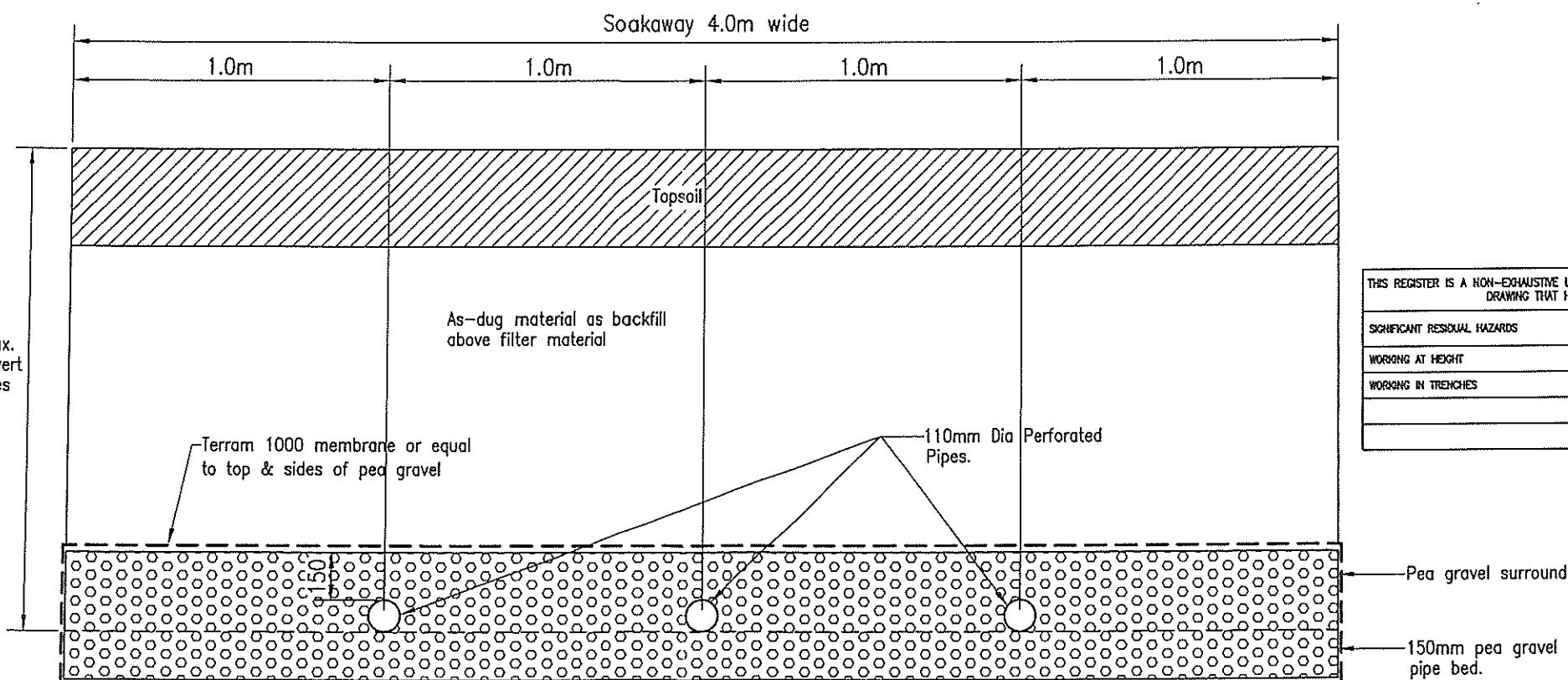


Do not scale from this drawing.

PLAN AREA OF PEA GRAVEL BED = 24 SQ.M. Min.



DETAIL OF FOUL WATER SOAKAWAY



FOUL WATER SOAKAWAY: TYP. SECTION

Chamber to be constructed with all outlets level to ensure even distribution along the three pipes.

NOTE:

SITE TESTS RESULTED IN $V_p < 15s/mm$

IN THESE CASES SEPA REQUIRE A MINIMUM SOAKAWAY AREA OF 3.6sq.m. PER PERSON

A MINI TREATMENT PLANT IS TO BE USED INSTEAD OF A SEPTIC TANK. (SEPA REQUIREMENT)

TREATMENT PLANT TO TREAT THE FOUL EFFLUENT TO A MINIMUM QUALITY OF -

* BIOLOGICAL OXYGEN DEMAND (BOD) 20mg/litre

* SUSPENDED SOLIDS (SS) 30mg/litre

* AMMONIA (NH) 20mg/litre

DESIGN POPULATION = 6 (based on British Water Guidelines)

MINIMUM SOAKAWAY AREA = 6 x 3.6sq.m. = 22 sq.m.

1000mm Max. cover to invert level of pipes

THIS REGISTER IS A NON-EXHAUSTIVE LIST OF RESIDUAL HAZARDS RELATING TO THE WORKS SHOWN ON THIS DRAWING THAT HAVE BEEN IDENTIFIED DURING THE DESIGN STAGE

SIGNIFICANT RESIDUAL HAZARDS	DETAILS
WORKING AT HEIGHT	EXCAVATIONS FOR PIPEWORK
WORKING IN TRENCHES	LAYING OF PIPEWORK

Notes:

Soakaway designed in accordance with Building (Scotland) Regulations 2007: Section 3

Soakaway to be positioned :

- 10m from any Watercourse or Road
- 5m From any Boundary or Building.
- 50m from any Well or spring used as drinking water in accordance with the Building Regulations.
- Distribution pipes to be at least 1.0m above any water table/bedrock encountered

Client:

Mr L McPherson per Wittets Architects

Project Title:

NEW HOUSE WITHIN GROUNDS OF LESMURDIE HOUSE, ELGIN

Drawing Title:

FOUL WATER SOAKAWAY DETAIL

FAIRHURST

25A High Street, ELGIN, N30 1EE
Tel: 01343 543 876 Fax: 0844 381 4412

Scale at A3: 1:20	Status: INFORMATION
Drawn: CC	Checked: CL
Date: 23/10/12	Date: 23/10/12
Approved: GS	Date: 23/10/12

Drawing No.: 90249/D/02

Rev.	Date	Description	Drawn	Checked	Approved