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Date: 15th August, 2024.

To:
Mr. Andrew Blake,
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Procedure for percolation test, calculations and results.

Excavate 3 holes 1metre x1metre x 1metre, with a 300mm square hole in the centre of the base. Fill with water and allow to seep away overnight. Next day, carry out tests.

Calculations:

Results of hole No: 1

Depth of water 150mm, time taken to soak away 2,700 seconds.

Percolation value [vp] = b divide by a = 18 seconds

Results of hole No: 2

Depth of water 150mm, time taken to soak away 2,500 seconds

Percolation value [vp] = 16.66 seconds Results of hole No: 3

Depth of water 150mm, time taken to soak away 2,600 seconds

Percolation value [vp] = 17.30 seconds

10 persons average [vp] of the tests x 17.32 seconds x 0.2 = 34.64 sq metres

34.64 divide by width of trench 0.850mm = length of trench 40.75 metres

Signed,

Paul Davies

IF PAYING BY BACS PLEASE PAY:

P D Construction & Plant Ltd

SORT CODE: 53 81 03 ACCOUNT NO.: 79512941

Alternatively, please make cheque payable to P D Construction & Plant Ltd

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