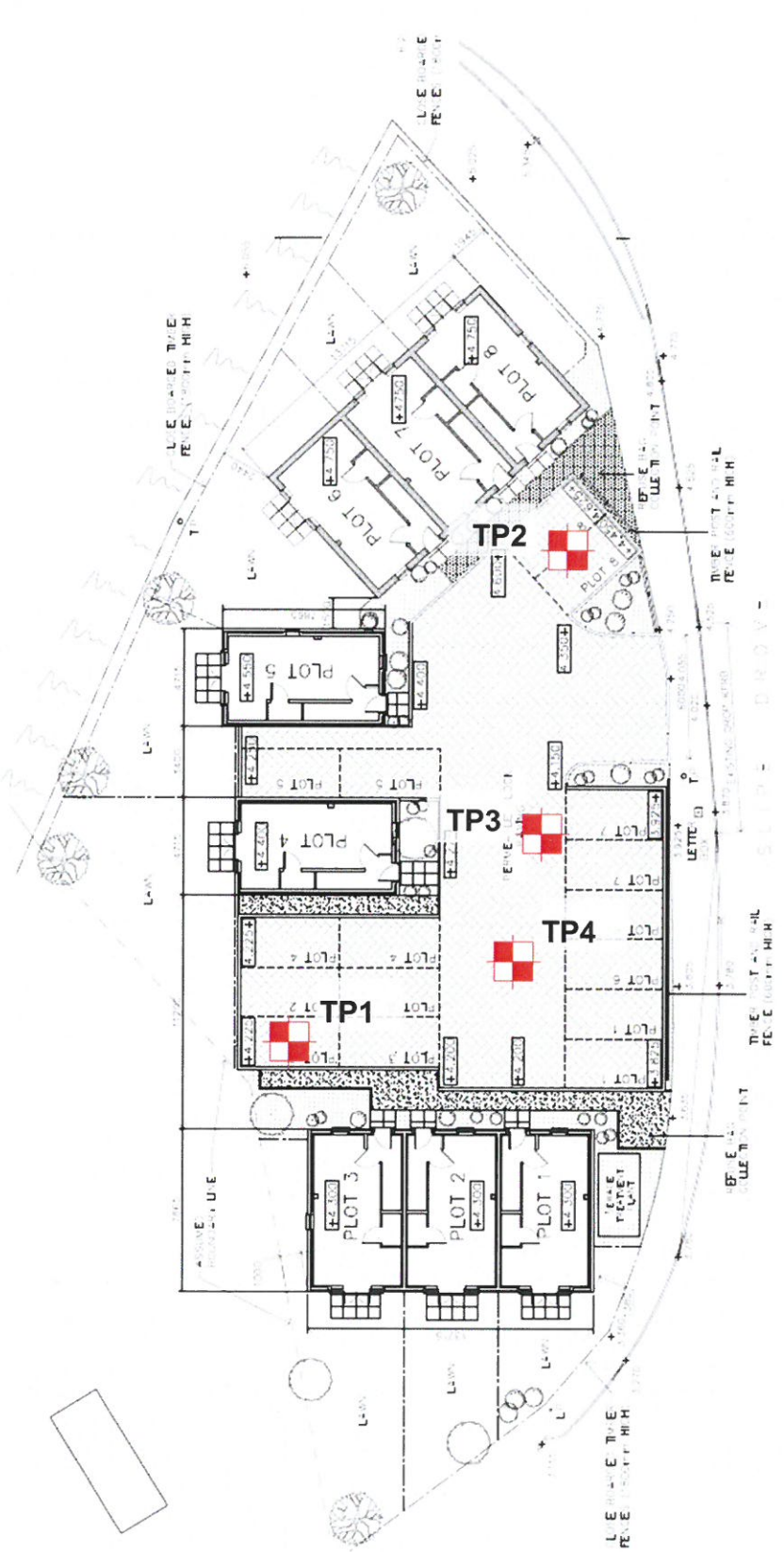
# Exploratory Hole Location Plan

Reproduced from a plan provided by the client.




**Key**

**Trial Pit**

**Not to Scale**

| | | |
|---|---|---|
| **Project : Former New Bridge Inn Pub, Slipe Drove, West Pinchbeck**<br>**Client : Carmine Pacca** | **GROUND ENGINEERING LIMITED**<br>Peterborough Tel : 01733 566566 | **Project No.**<br>**L9865** |

**GROUND ENGINEERING LIMITED**

Tel: 01733-566566
www.groundengineering.co.uk

Site: FORMER NEW BRIDGE INN PUB, SLIPE DROVE, WEST PINCHBECK

TRIAL PIT
TP1

Date: 22/10/20

Pit Size: 0.30m L x 0.30m W x 0.30m D.

Ground Level:

| Samples and in-situ Tests | | | (Date) Water | Description of Strata | Legend | Depth m | O.D. Level m |
|---|---|---|---|---|---|---|---|
| Depth m | Type | Result | | | | | |
| 0.10 | D1 | | | MADE GROUND - Brown, slightly gravelly, sandy SILT. Gravel of flint, brick and concrete fragments. | | | |
| 0.30 | D2 | | | | | 0.30 | |
| | | | | Pit completed at 0.30m depth | | | |

KEY

- D - Disturbed Sample
- B - Bulk Sample
- U - Undisturbed Sample
- R - Root Sample
- W - Water Sample
- ES - Environmental Sample
- ▽ Water Strike
- ▼ Water Rise
- ▼c Level on completion
- MP - Mackintosh Probe
- P( ) - Hand Penetrometer Cohesion ( ) kPa
- V - Vane Shear Test Cohesion ( ) kPa

REMARKS
1. Live roots observed to at least 0.30m depth
2. Pit dry
3. Pit sides stable

Project No L9865

Scale 1:25

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Site: FORMER NEW BRIDGE INN PUB, SLIPE DROVE, WEST PINCHBECK

TRIAL PIT
TP2

Date: 22/10/20

Pit Size: 0.30m L x 0.30m W x 0.30m D.

Ground Level:

| Samples and in-situ Tests | | | (Date) Water | Description of Strata | Legend | Depth m | O.D. Level m |
|---|---|---|---|---|---|---|---|
| Depth m | Type | Result | | | | | |
| 0.10 | D1 | | | MADE GROUND - Brown, slightly gravelly, sandy, clayey SILT with rare gastropod shells. Gravel of flint, brick, concrete, coal and ash fragments. | | | |
| 0.30 | D2 | | | | | 0.30 | |
| | | | | Pit completed at 0.30m depth | | | |

KEY

- D - Disturbed Sample
- B - Bulk Sample
- U - Undisturbed Sample
- R - Root Sample
- W - Water Sample
- ES - Environmental Sample
- ▽ Water Strike
- ▼ Water Rise
- ▼c Level on completion
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REMARKS
1. Live roots observed to at least 0.30m depth
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Project No L9865

Scale 1:25

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Site: FORMER NEW BRIDGE INN PUB, SLIPE DROVE, WEST PINCHBECK

TRIAL PIT
TP3

Date: 22/10/20

Pit Size: 0.30m L x 0.30m W x 0.30m D.

Ground Level:

| Samples and in-situ Tests | | | (Date) Water | Description of Strata | Legend | Depth m | O.D. Level m |
|---|---|---|---|---|---|---|---|
| Depth m | Type | Result | | | | | |
| 0.10 | D1 | | | MADE GROUND - Brown and dark brown, slightly gravelly, sandy, clayey SILT with rare gastropod shells. Gravel of flint, brick, pottery and ash fragments. | | | |
| 0.30 | D2 | | | | | 0.30 | |
| | | | | Pit completed at 0.30m depth | | | |

KEY

- D - Disturbed Sample
- B - Bulk Sample
- U - Undisturbed Sample
- R - Root Sample
- W - Water Sample
- ES - Environmental Sample
- ▽ Water Strike
- ▼ Water Rise
- ▼c Level on completion
- MP - Mackintosh Probe
- P( ) - Hand Penetrometer Cohesion ( ) kPa
- V - Vane Shear Test Cohesion ( ) kPa

REMARKS
1. Live roots observed to at least 0.30m depth
2. Pit dry
3. Pit sides stable

Project No L9865

Scale 1:25

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Site: FORMER NEW BRIDGE INN PUB, SLIPE DROVE, WEST PINCHBECK

TRIAL PIT
TP4

Date: 22/10/20

Pit Size: 0.30m L x 0.30m W x 0.30m D.

Ground Level:

| Samples and in-situ Tests | | | (Date) Water | Description of Strata | Legend | Depth m | O.D. Level m |
|---|---|---|---|---|---|---|---|
| Depth m | Type | Result | | | | | |
| 0.10 | D1 | | | MADE GROUND - Brown and dark brown, slightly gravelly, sandy, clayey SILT with rare gastropod shells. Gravel of flint, concrete, brick, clinker and ash fragments. | | | |
| 0.30 | D2 | | | | | 0.30 | |
| | | | | Pit completed at 0.30m depth | | | |

KEY

- D - Disturbed Sample
- B - Bulk Sample
- U - Undisturbed Sample
- R - Root Sample
- W - Water Sample
- ES - Environmental Sample
- ▽ Water Strike
- ▼ Water Rise
- ▼c Level on completion
- MP - Mackintosh Probe
- P( ) - Hand Penetrometer Cohesion ( ) kPa
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REMARKS
1. Live roots observed to at least 0.30m depth
2. Pit dry
3. Pit sides stable

Project No L9865

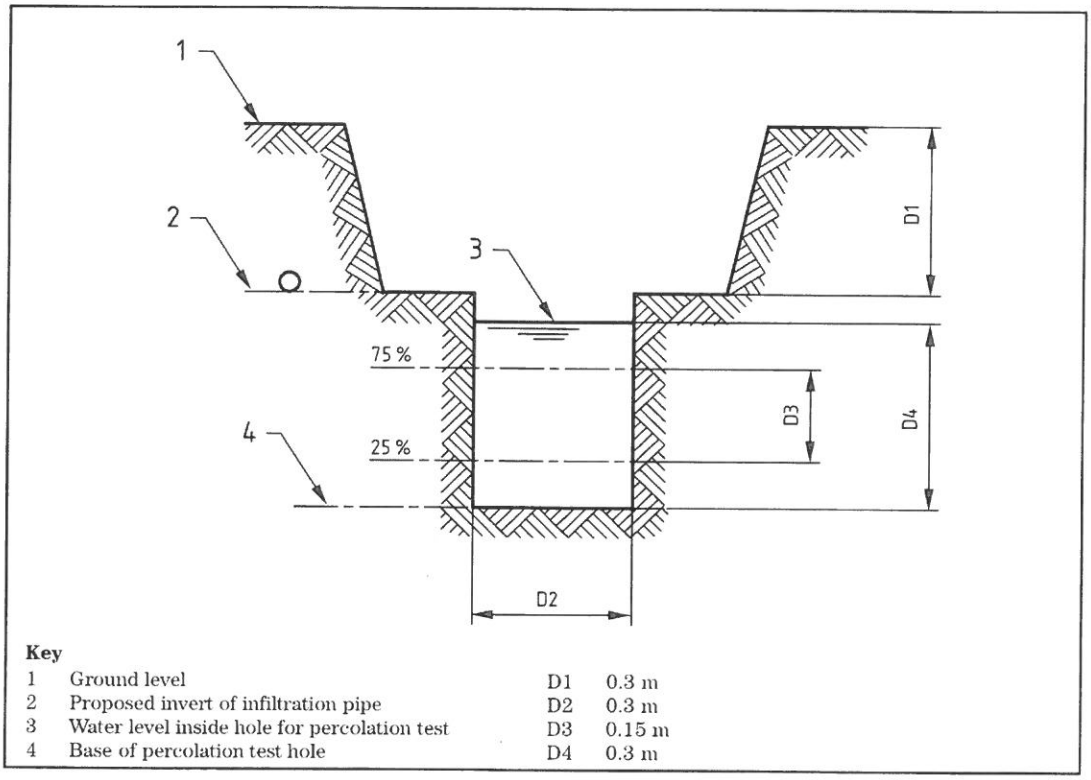
Scale 1:25

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# PERCOLATION TEST RESULTS

Project: Former New Bridge Inn Pub, Slipe Drove, West Pinchbeck Project No: L9865

Example cross-section of percolation test pit




**Key**

| | | | |
|---|---|---|---|
| 1 | Ground level | D1 | 0.3 m |
| 2 | Proposed invert of infiltration pipe | D2 | 0.3 m |
| 3 | Water level inside hole for percolation test | D3 | 0.15 m |
| 4 | Base of percolation test hole | D4 | 0.3 m |

Percolation Test Results and Calculation on Vp in accordance with BS6297:2007+ A1:2008 Section 6.2

| Hole No. | Test Date | Base of Percolation Test Pit | Test No. | Time at 75% of full (mins) | Time at 25% of full (mins) | Elapsed time | | | Vp (s/mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Hours/mins (h/mins) | Minutes (mins) | Seconds (s) | Seconds divided by 150mm |
| TP1 | 22.10.20 | 0.30m | 1 | 14.0 | 78.0 | | 64.0 | 3840.0 | **25.6** |
| | | | 2 | 15.0 | 80.0 | | 65.0 | 3900.0 | **26.0** |
| | | | 3 | 15.0 | 64.0 | | 49.0 | 2940.0 | **19.6** |
| | | | | | | | | | |
| TP2 | 22.10.20 | 0.30m | 1 | 149.0 | 749* | | 600.0 | 36000.0 | **240*** |
| | | | | | | | | | |
| TP3 | 22.10.20 | 0.30m | 1 | 293.0 | 1005* | | 712.0 | 42720.0 | **284.8*** |
| | | | | | | | | | |
| TP4 | 22.10.20 | 0.30m | 1 | 182* | 546* | | 364.0 | 21840.0 | **145.6*** |
| | | | | | | | | | |

*= results extrapolated due to slow infiltration rate