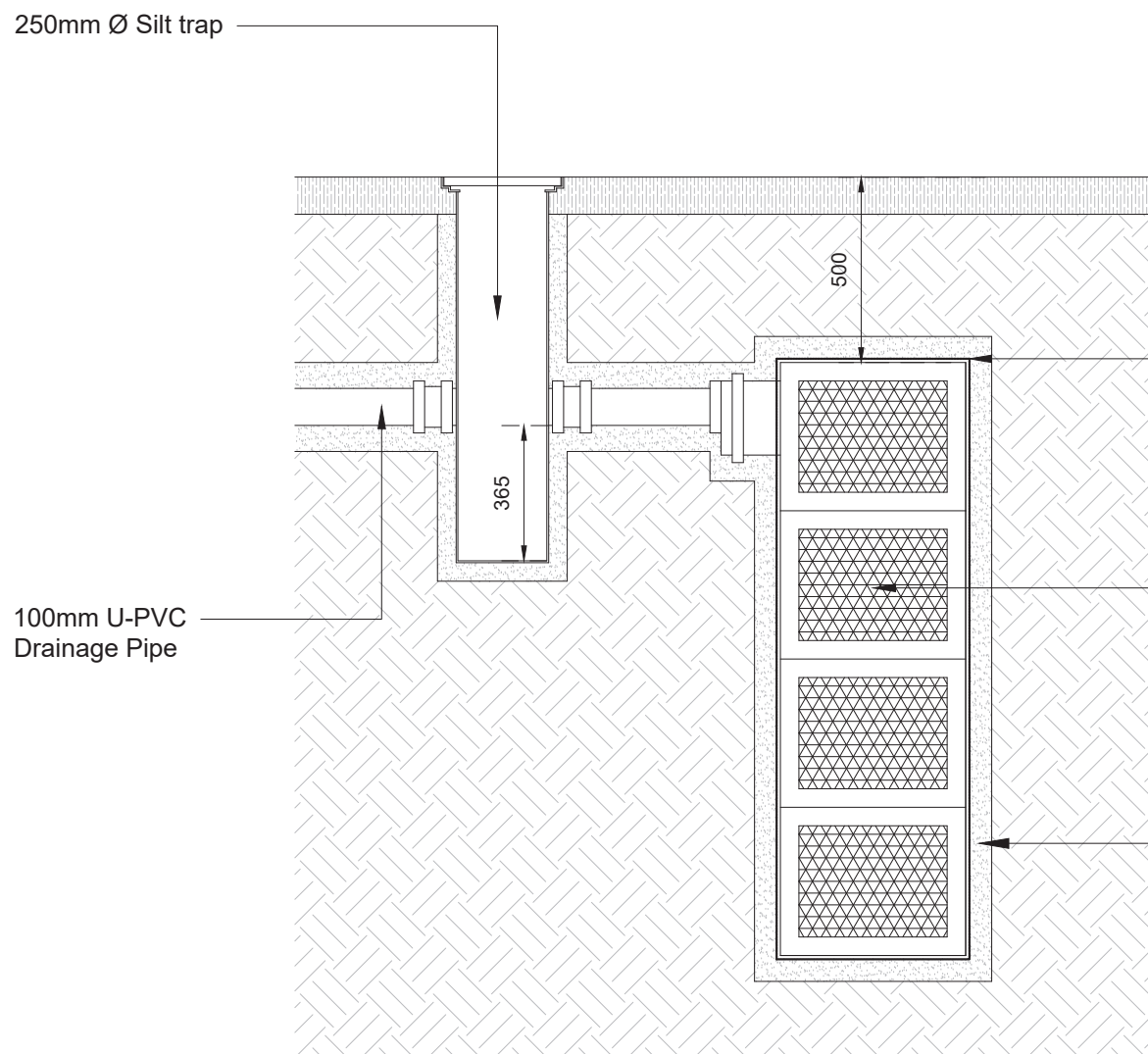




Proposed Soakaway Detail
Scale 1:20 @A1 / 1:40@A3

Soakaway 1 Design Calculation:-

Proposed roof design area (dispersing to Soakaway 1) 51.15 x 1.43 (38° roof pitch) = 73.14
Proposed design area x rainfall (0.040) 73.15 x 0.04 = 2.926M³
Typical Pre-formed storage Cells / Crates 1000mm x 500mm 400mm = 0.2M³
No. of Cells / Crates = 2.926/0.2 = 14.63 = 15no. Cells / Crates (min)

Provide 1no. Soakaway 500mm x 4000mm (2000mm Deep) with 16no. Cells / Crates

Soakaway 2 Design Calculation:-

Proposed roof design area (dispersing to Soakaway 1) 51.15 x 1.43 (38° roof pitch) = 73.14
Proposed design area x rainfall (0.040) 73.15 x 0.04 = 2.926M³
Typical Pre-formed storage Cells / Crates 1000mm x 500mm 400mm = 0.2M³
No. of Cells / Crates = 2.926/0.2 = 14.63 = 15no. Cells / Crates (min)

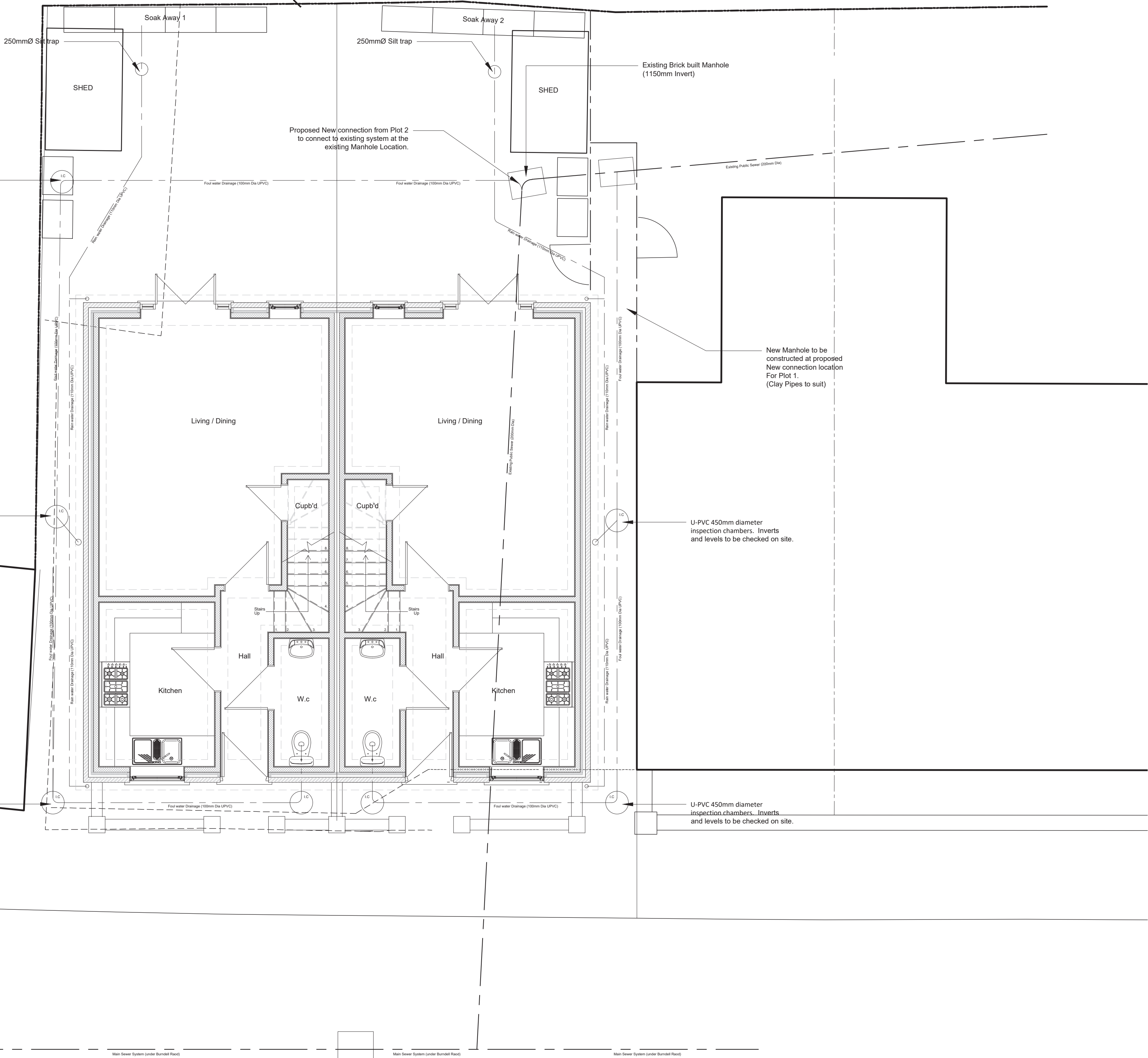
Provide 1no. Soakaway 500mm x 4000mm (2000mm Deep) with 16no. Cells / Crates

U-PVC 450mm diameter inspection chambers. Inverts and levels to be checked on site.

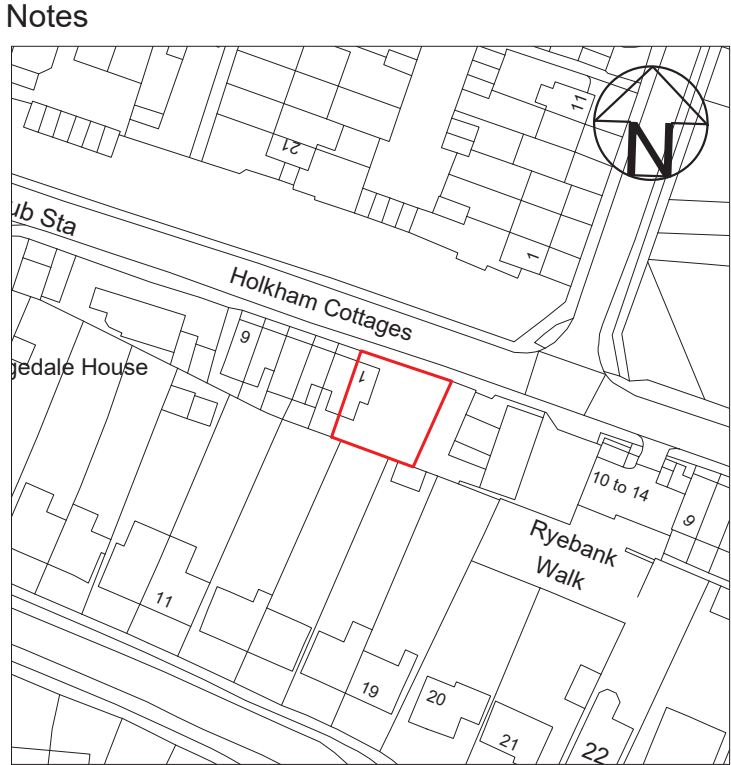
U-PVC 450mm diameter inspection chambers. Inverts and levels to be checked on site.

U-PVC 450mm diameter inspection chambers. Inverts and levels to be checked on site.

Leeside Tools



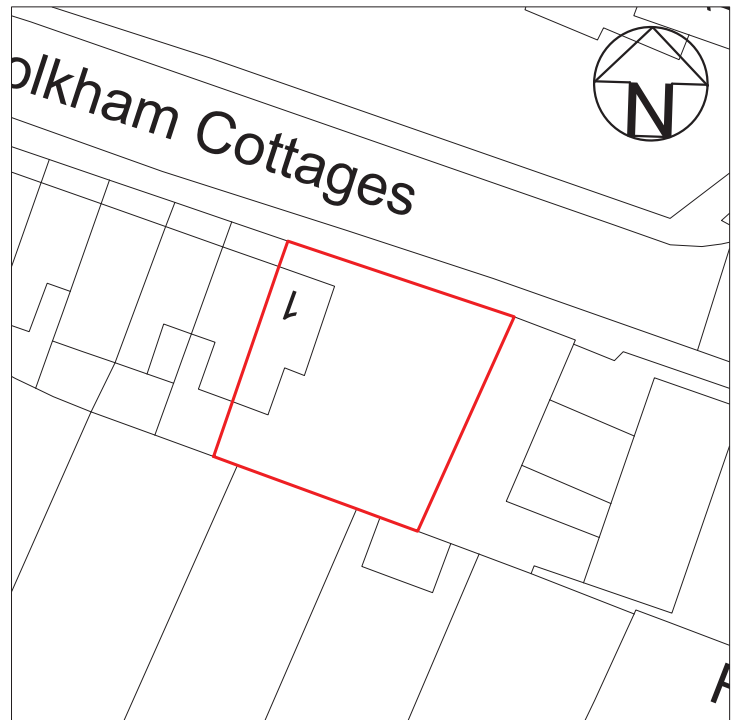
Proposed Drainage Plan
Scale 1:50 @A1 / 1:100@A3



Location Plan (Existing)
Scale 1:1250 @A1 / 1:2500@A3

1:1250
Scale in Meters

1:2500
Scale in Meters



Site Plan (Existing)
Scale 1:500 @A1 / 1:1000@A3

1:500
Scale in Meters

1:1000
Scale in Meters

Rev.	Date	Revision Detail / Comments
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Amendments

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Client.....

Machin Contractors

Project.....

Burndell Road, Yapton

Drawing Title.....

Proposed Drainage Plan

DWG No.....
2018/0044-05

Rev.....
A

Drawn By.....

RDS

Date.....

20.08.2018

Drawing Scale.....

Varies

Do Not Scale off Drawings
Check all Dimensions on site before all works are commenced
All Goods, Materials & Workmanship to conform with current Building Regs
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