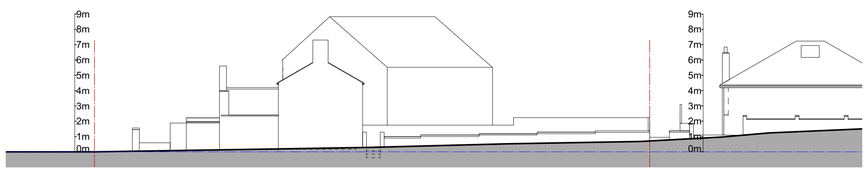
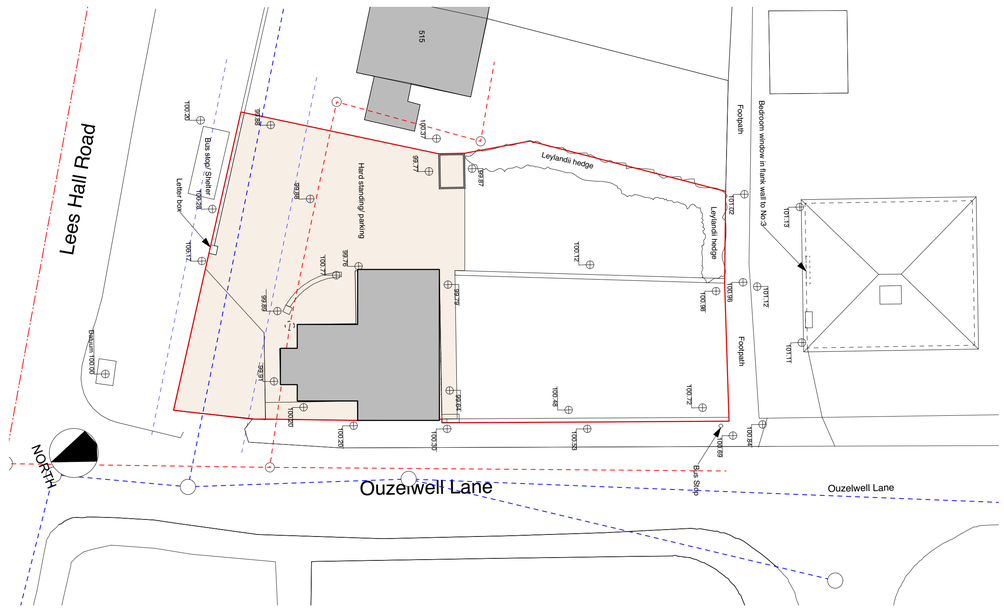
Lees Hall Road - Street Elevation As Existing
Scale 1:200
0m 5m 10m

Location Plan
Scale 1:1250
0m 50m



Ouzelwell Lane - Street Elevation As Existing
Scale 1:200
0m 5m 10m



Site Roof Plan As Existing
Scale 1:200
0m 5m 10m

EXISTING - Surface Water

Site Area = 605sqm
Impermeable Hard Landscaping Area = 240sqm
Building Area = 75sqm
Permeable Soft Landscaping Area = 290sqm

Total Surface Water Flow rate from EXISTING building to Sewer:
Roof Plan Area: 75sqm (30 degrees) 1.29 x 75 = 96.75sqm = Effective roof area.
Max Flow rate = 96.75 x 0.02 (max rainfall intensiy l/s) = 1.9 litres/sec
Paved Areas: 240sqm x 0.02 (max rainfall intensiy l/s) = 4.8 litres/sec
Total Max flow rate As Existing: 6.7 litres/sec

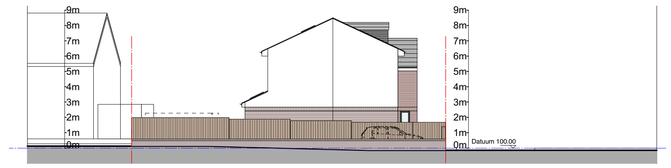
PROPOSED - Surface Water Strategy

Site Area = 605sqm
Impermeable Hard Landscaping Area = 170sqm
Building Area = 228sqm
Permeable Soft Landscaping Area = 207sqm

Total Surface Water Flow rate from PROPOSED building to Sewer:
Roof Plan Area: 228sqm (30 degrees) 1.29 x 228 = 294sqm = Effective roof area.
Max Flow rate = 294 x 0.02 (max rainfall intensiy l/s) = 5.88 litres/sec
Tarmac Areas: 170sqm x 0.02 (max rainfall intensiy l/s) = 3.40 litres/sec
Total Max flow rate As Proposed: 9.28 litres/sec

Total Max flow rate As Existing: 6.7 litres/sec
Total Max flow rate As Proposed: 9.28 litres/sec

Attenuation tank to be designed and sized to reduce flow rate from site to 6 litres/sec, which is a net reduction of 10%.



Lees Hall Road - Street Elevation As Proposed
Scale 1:200
0m 5m 10m

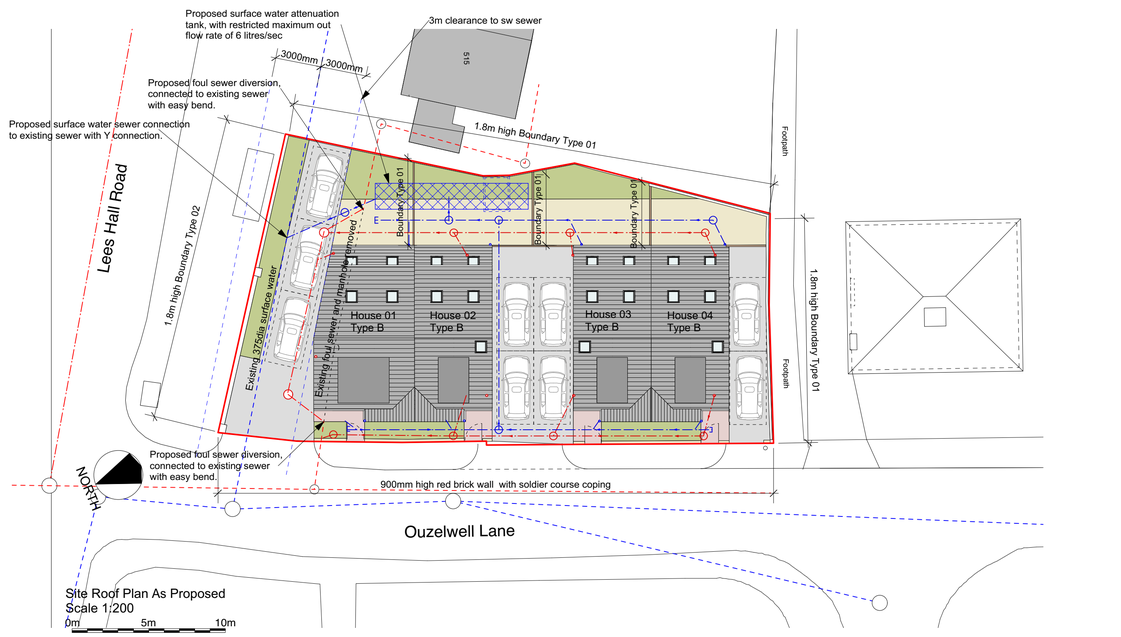
Ouzelwell Lane - Street Elevation As Proposed
Scale 1:200
0m 5m 10m

Surfaces

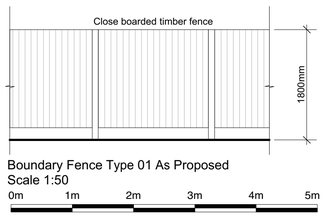
- Tarmac not permeable
- Permeable Red Resin/ Brick Paviors
- Permeable 600 x 600mm Paving
- Permeable Soft landscaping

Key to Drainage

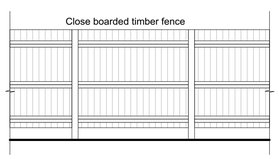
- 100mm diameter SVP
- New foul manhole
- 100mm diameter foul drain. Fall 1:60
- 80mm diameter RWP with gulley and125mm wide gutters
- New surface water manhole
- 100mm diameter surface water drain. Fall 1:60

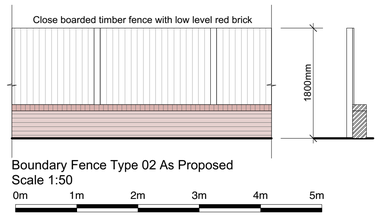


Site Roof Plan As Proposed
Scale 1:200
0m 5m 10m



Boundary Fence Type 01 As Proposed
Scale 1:50
0m 1m 2m 3m 4m 5m





Boundary Fence Type 02 As Proposed
Scale 1:50
0m 1m 2m 3m 4m 5m

NOTES:

Any errors or omissions to be reported to Code L6 immediately.

rev	details	date
A	Scheme redesign to accommodate sw sewer.	22/1/18

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Dewsbury
WF12 9EP

Client:
Mr Z Hyder

Drawing:
Plans As Existing and Proposed

Date:	Scale:	Size:
10/04/17	Varies	A1

Drawing Number:
16-132 - 01A