

Green Infrastructure Document

**Proposed Residential Development at
Clonbrone, Lucan, Dublin 20.**

Ronan Mac Diarmada & Associates

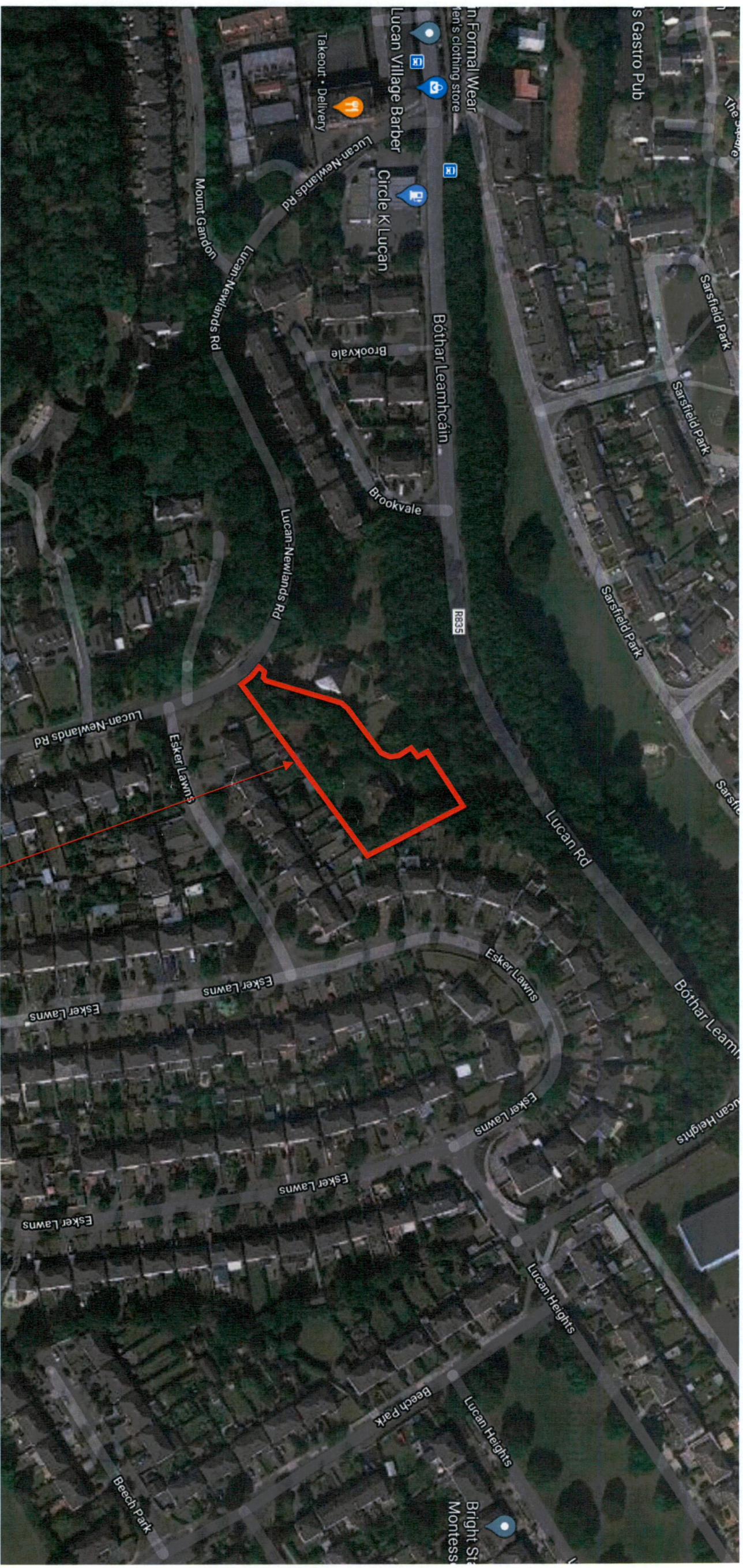
Landscape Architects & Consultants



RMIDA
LANDSCAPE ARCHITECTS + CONSULTANTS



Existing Site

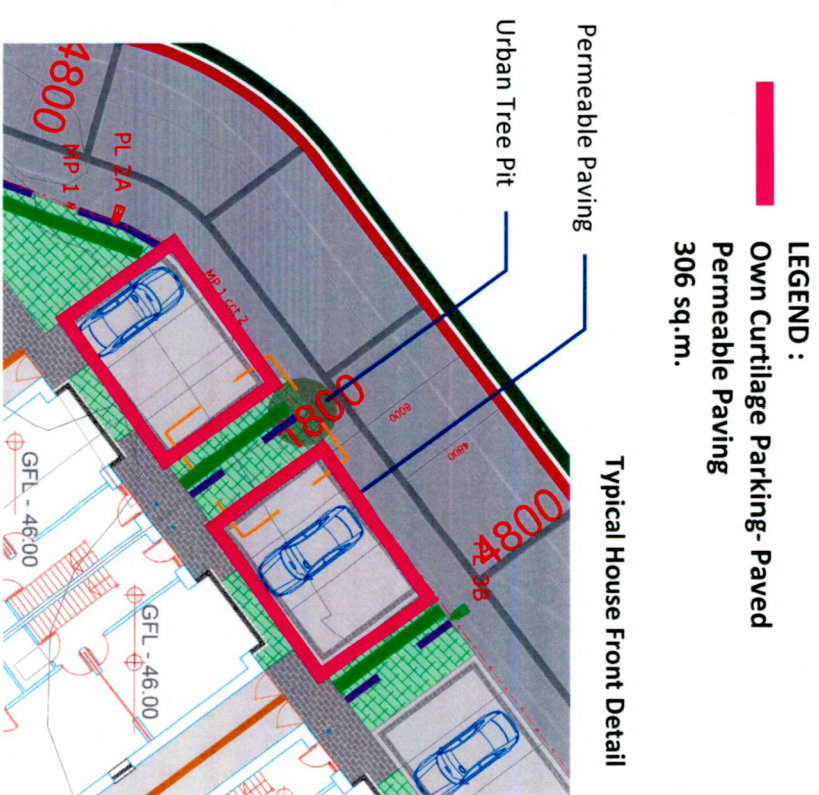
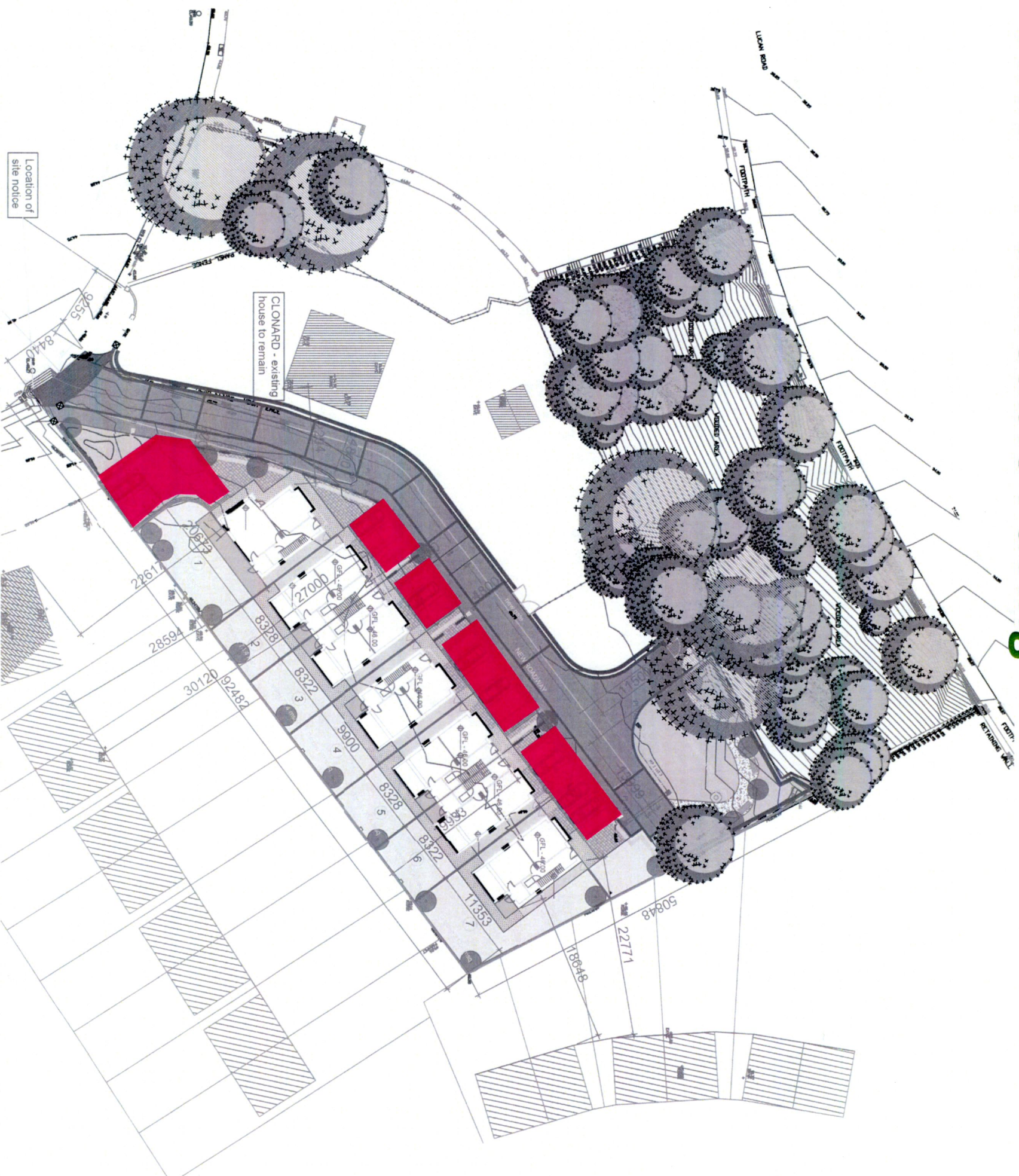


Site – Outlined in Red

Landscape Plan

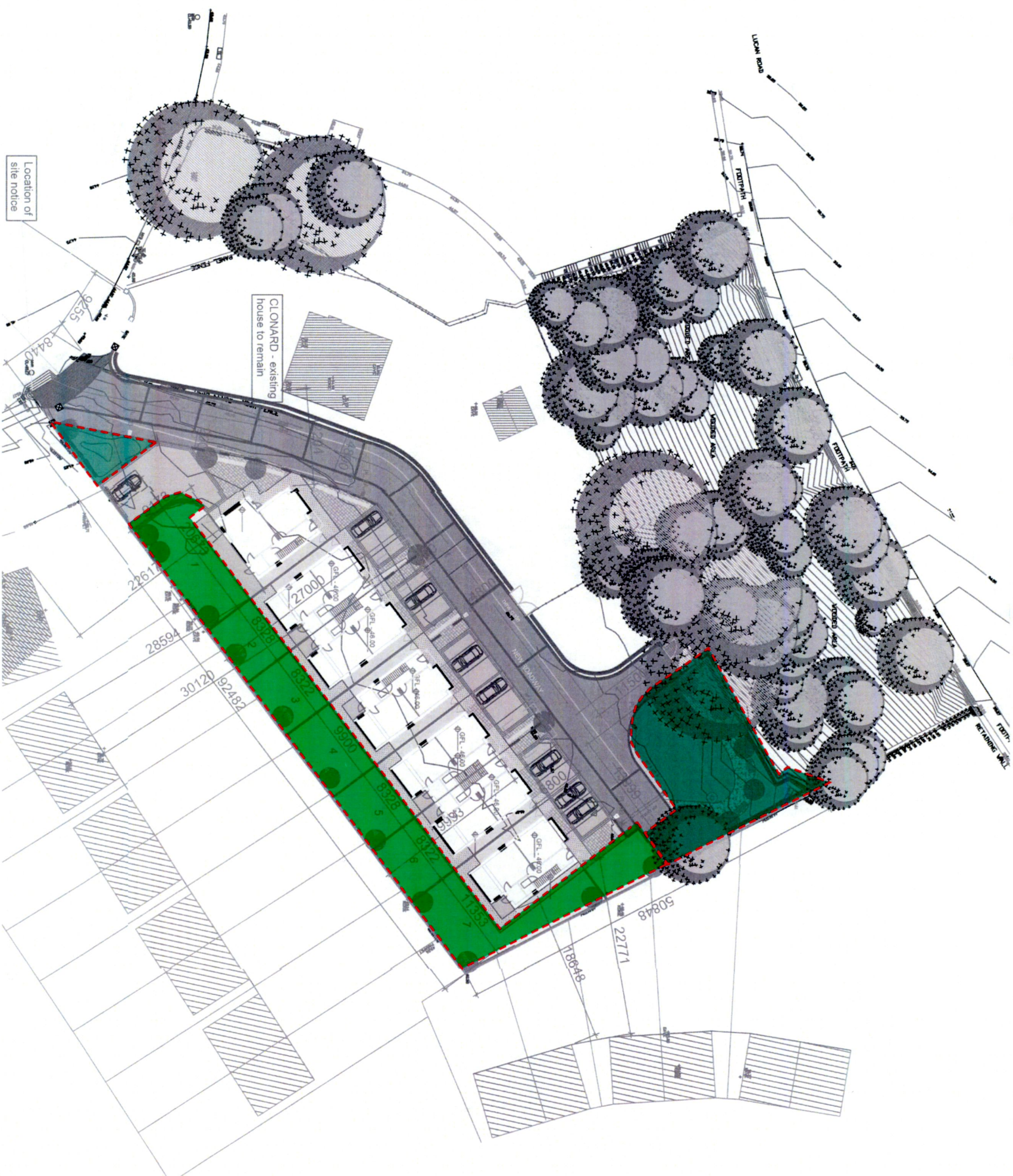


Suds – Permeable Paving



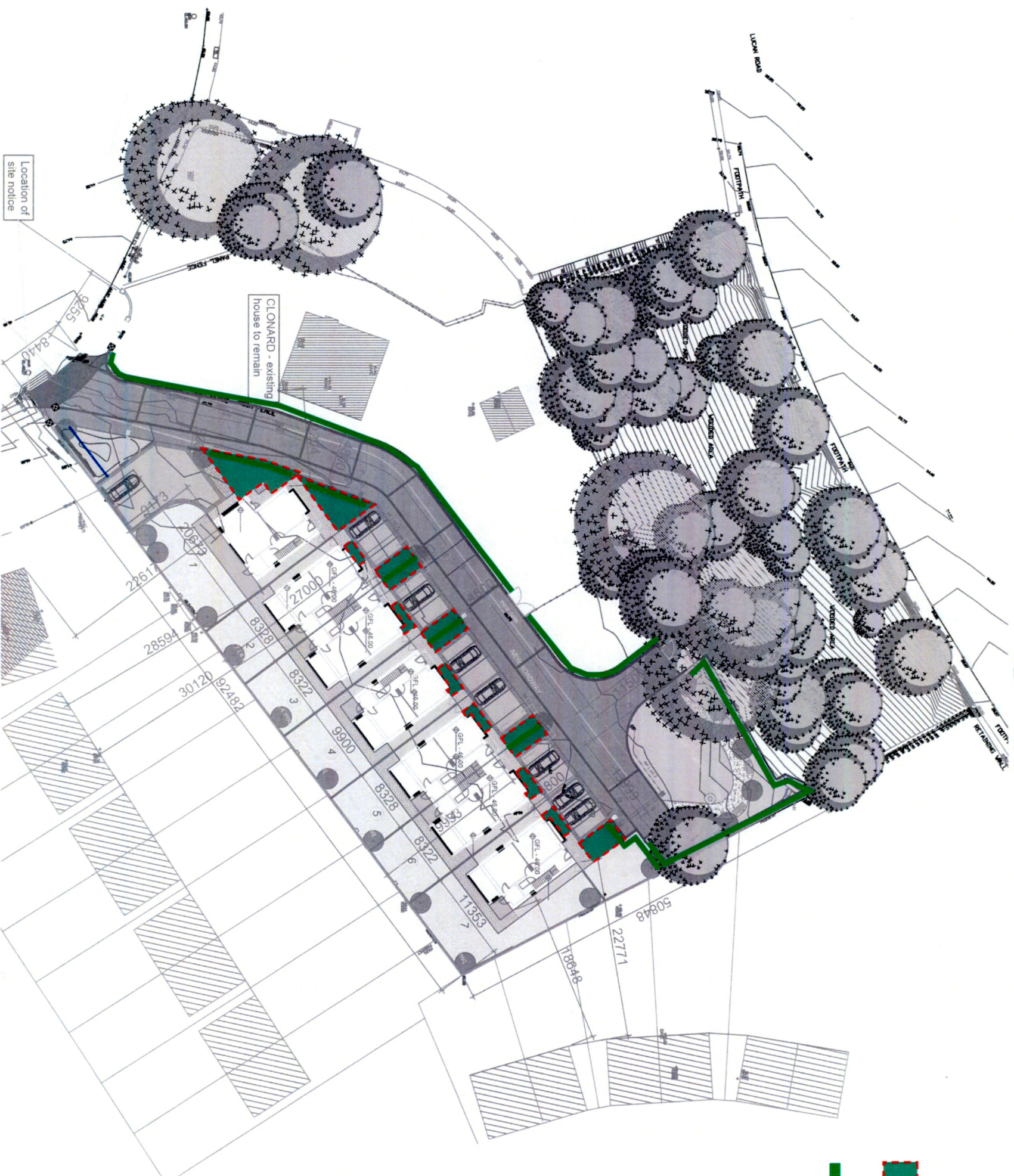
LEGEND :
█ Own Curtilage Parking- Paved
 306 sq.m.
█ Permeable Paving


Suds – Open Space Categories



-  Public Open Space – 365 sqm
-  Private Open Space – 733 sqm

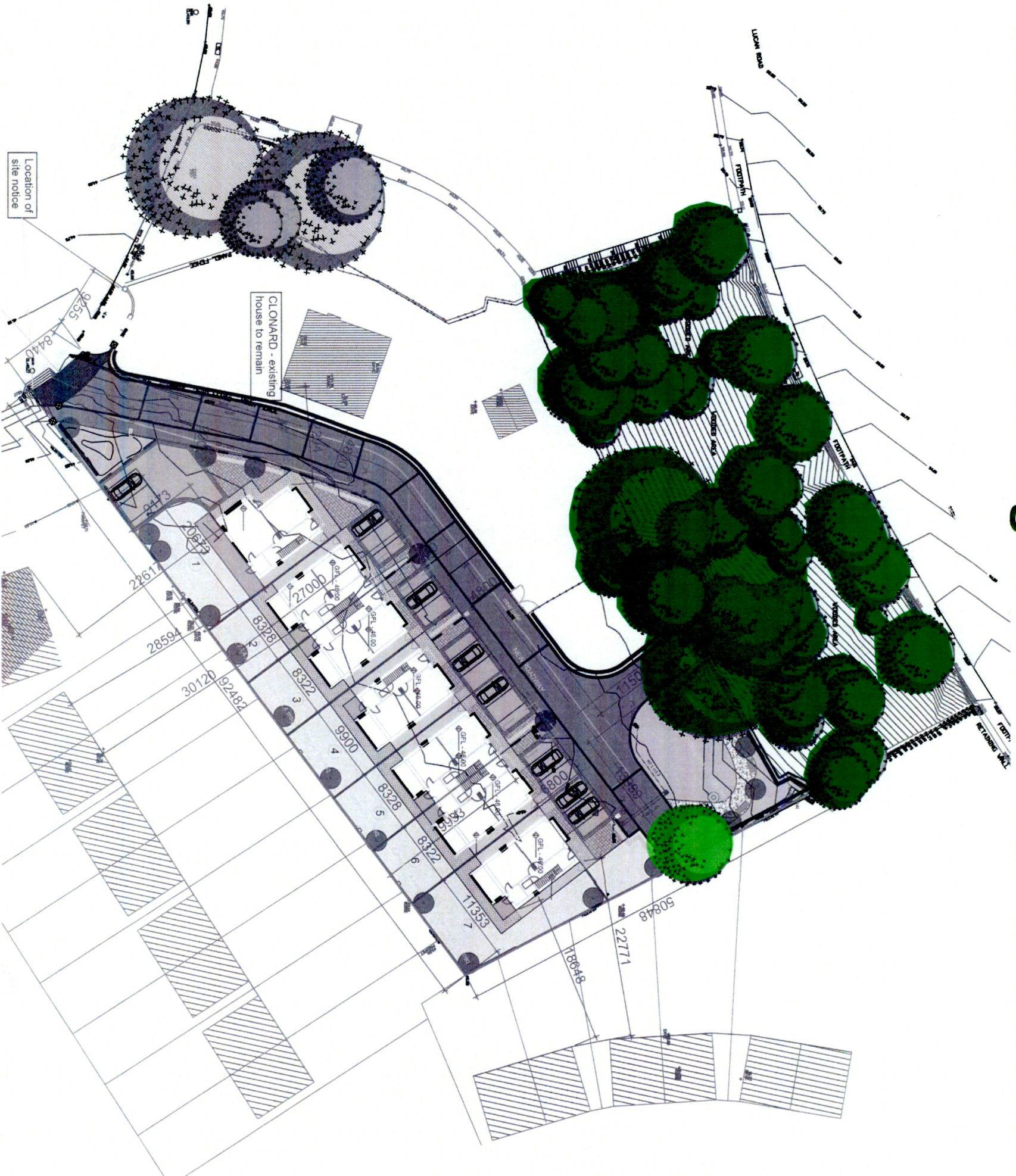
Suds – Green Areas & Hedging



 Shrub/Groundcover Planting – 156 sqm
Pollinator Species

 Hedge Planting, Native/ Ornamental – 134 lin. M
Native Hedge to Public realm.

Retention of Existing Trees – Green Infrastructure



Existing Woodland to be retained
(Please see arborist report for more
Details)
Not part of subject application as it is in
third party ownership.

Existing Tree Retained on Site

Green Space Factor Form

1. Enter Development Site Area m ² HERE ▶		3116m ²	
Surface Type (see tab for detailed descriptions)	Factor	Proposed Surface Area m ²	Factor Values
1. Short Lawn	0.3	1010	303
2. Tall Lawn (wild, not mown)	0.5	30	15
Permeable Paving	0.3	306	91.8
Vegetation		0	0
4a. Vegetation-Shrub below 3cm	0.4	156	62.4
4b. Vegetation-Shrub / Hedgerow above 3cm	0.5	134	67
4c. Vegetation-Pollinator friendly perennial planting	0.5	0	0
4d. Vegetation-Preserved hedgerow	1.2	43	51.6
Trees		0	0
5a. New trees	0.6	440	264
5b. Preserved trees	1.2	695	834
7. SUDS intervention (rain garden, bioswale)	0.6	30	18
Green Roof		0	0
9a. Green Roofs- Intensive green roof (substrate is 1 metre or greater in depth)	0.7	0	0
9b. Green Roofs - Extensive green roof (less than 1 metre in depth)	0.6	0	0
10. Green wall	0.4	0	0
11. Retained Open Water	2	0	0
12. New open water	1.5	0	0
Total Equivalent Surface Area of Greening Factors		2814 m²	

Green Factor Numerator	0.50
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Minimum Required GI score	0.5	Final GI score	1706.6 m ²	Result	0.547
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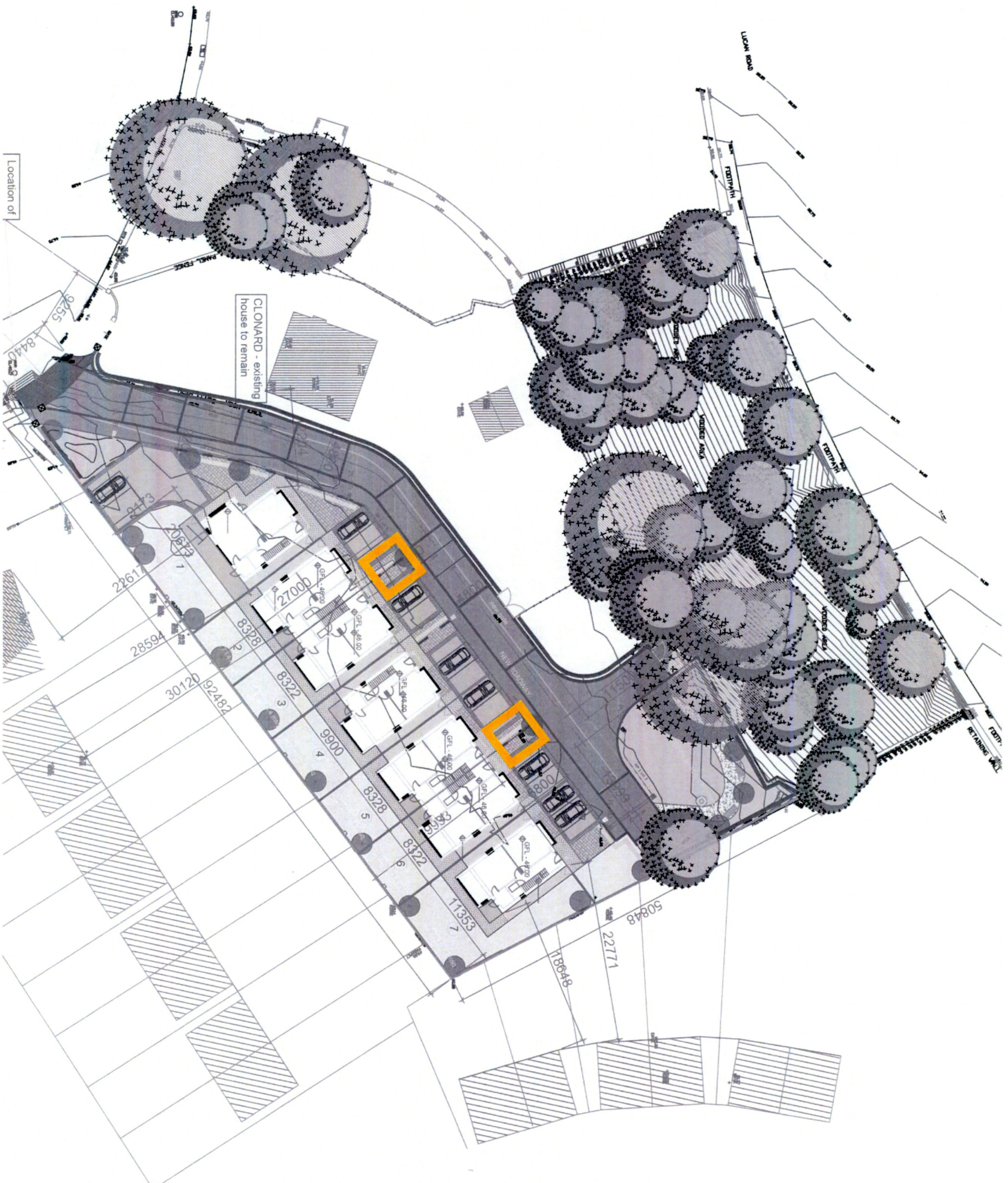
Clonbrone Lucan

7.

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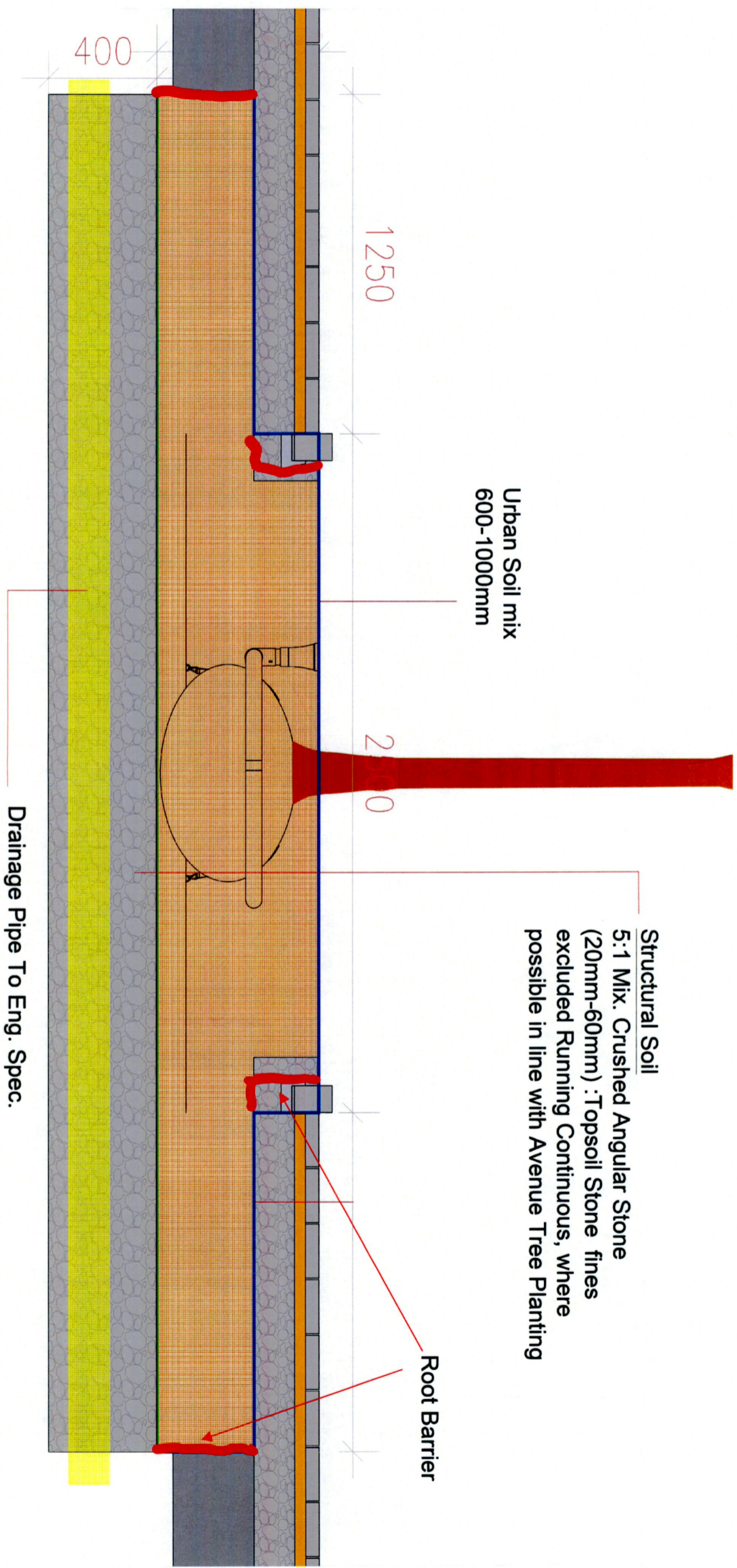
Suds – Urban Tree Pit Locations



Urban Tree Pit in the Public realm

Water Infiltration to Sub Soil

Landscape Detail – Urban Tree Pit



Landscape Detail – Road, Flush Kerb & Public Tree Planting

