

Clonburris SDZ, Reg ref: SDZ22A0010
Dublin 22

Ronan Mac Diarmada & Associates

Landscape Architects & Consultants



COMPLIANCE CONDITION RESPONSE 17

NOV 2023



Condition Request 17(c)

Whitton Avenue

The plans shall provide for green infrastructure/landscaping to improve the link between the southern hedgerow and the central north-south hedgerow.

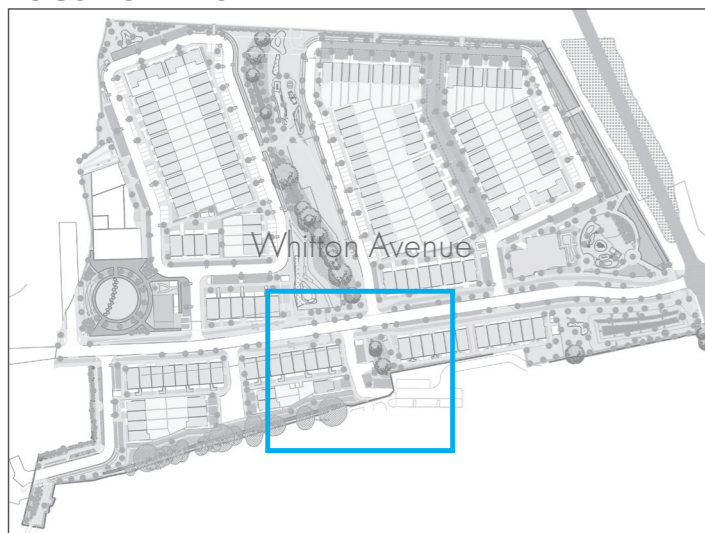
Response

Please refer to Dwg01 Landscape Plan, for more details on green infrastructure and landscaping. We have provided native hedge mix to mitigate any loss to existing hedgerows and wildflower meadow to enhance the existing biodiversity.

Whip Planting will also enhance the existing central hedgerow.

SUD's features include urban tree pits to the parking bays and dropped kerbs to allow water run off to occur

Location Plan



Whitton Avenue



Condition Request 17(c) cont.

Whitton Avenue

The plans shall provide for green infrastructure/landscaping to improve the link between the southern hedgerow and the central north-south hedgerow.

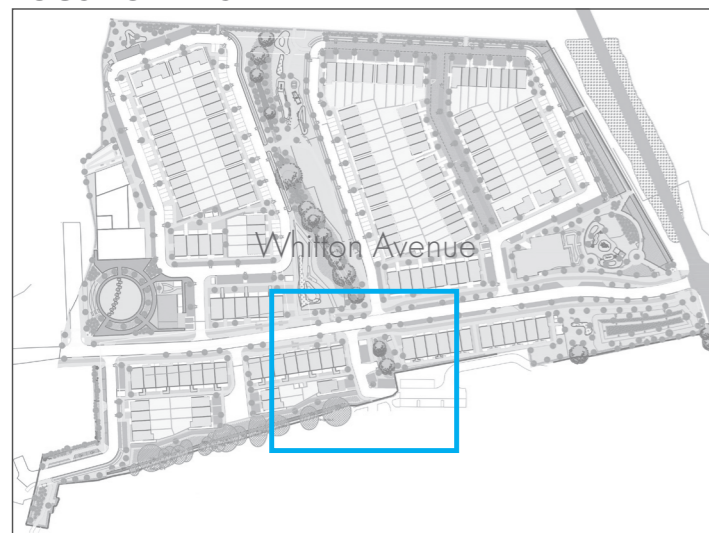
Response

Please refer to Dwg01 Landscape Plan, for more details on green infrastructure and landscaping. We have provided native hedge mix to mitigate any loss to existing hedgerows and wildflower meadow to enhance the existing biodiversity.

Whip Planting will also enhance the existing central hedgerow.

SUD's features include urban tree pits to the parking bays and dropped kerbs to allow water run off to occur. Please refer to pg 4-6 for details on tree pits, fence detail to biodiversity strip and whip planting list.

Location Plan

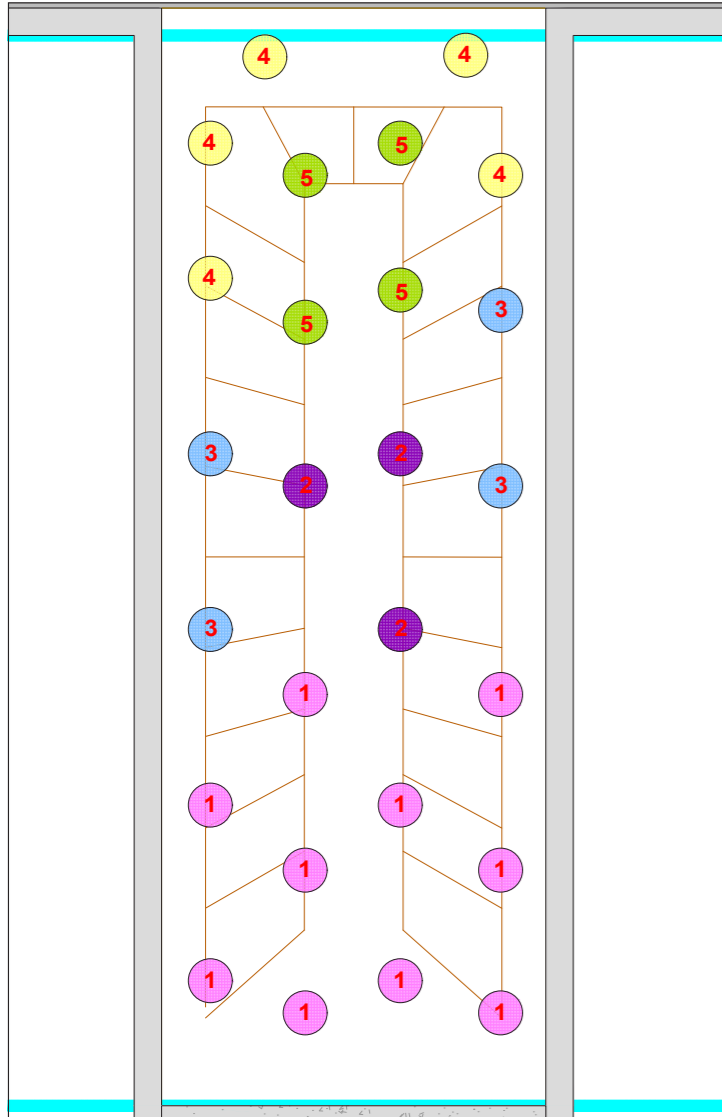


Whitton Avenue

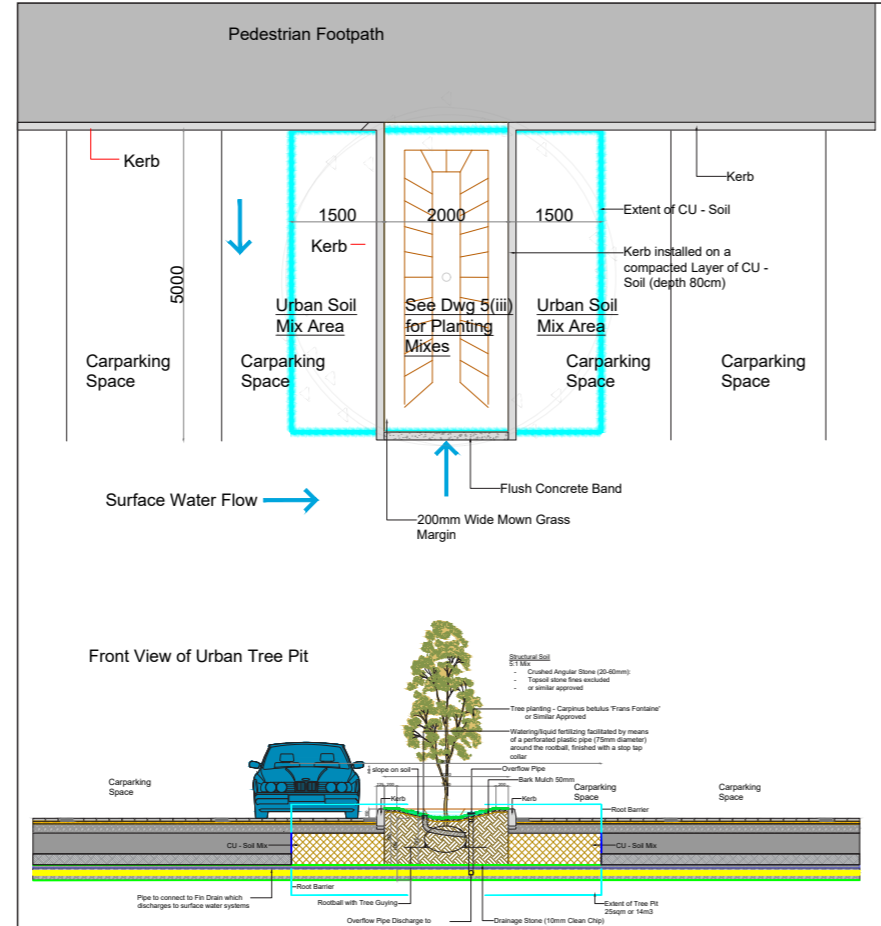


- Street Tree
- Dropped Kerb & Tree
- Whip & Wildflower Planting
- Native Hedge Planting
- Existing Hedgerow & Tree Planting to be retained and augmented where necessary
- Biodiversity Strip (to be fenced off with Access Gates)

Tree Pit Planting Detail



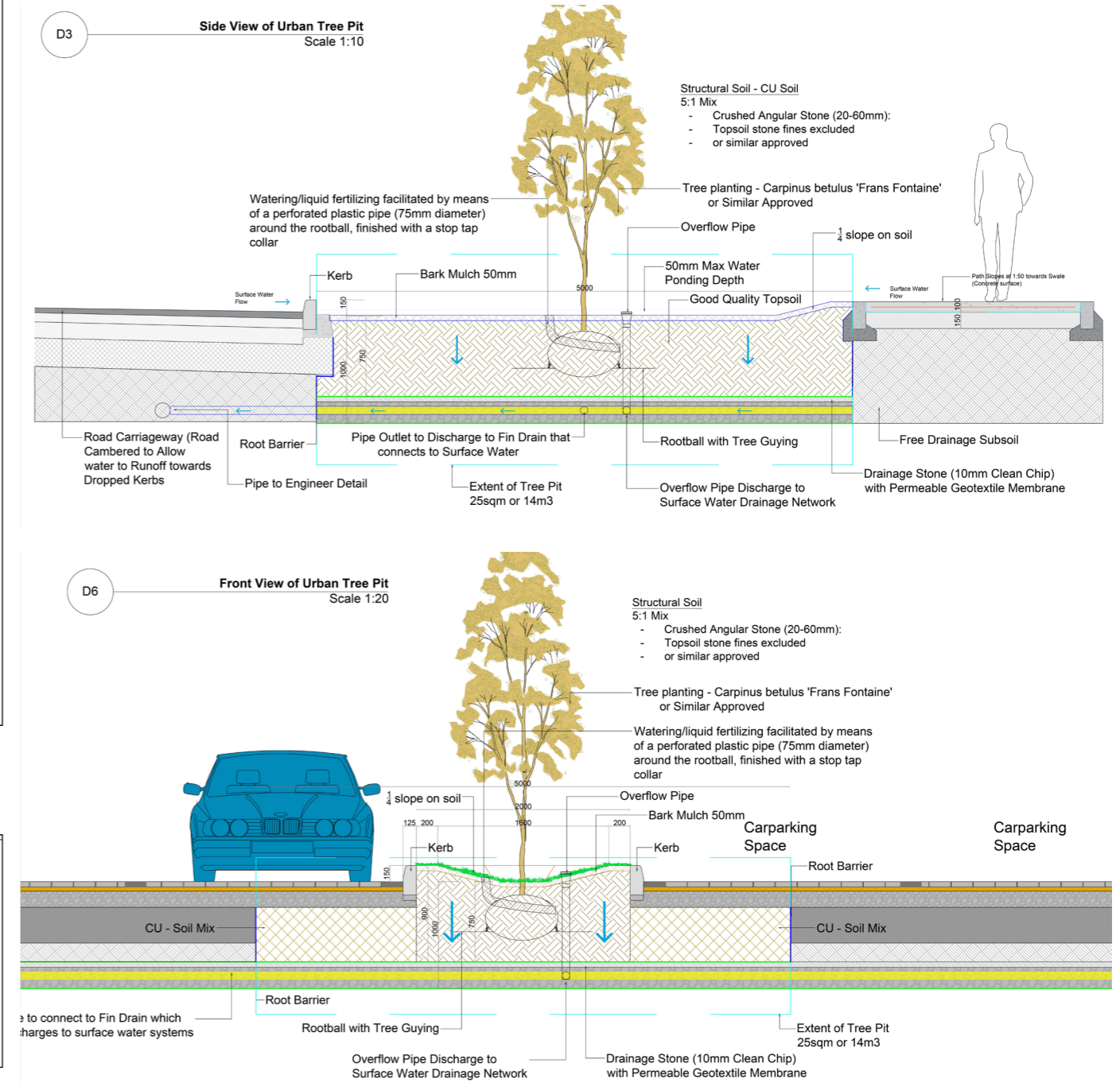
Tree Pit Plan and Elevation



Planting Mix Detail (subject to availability)

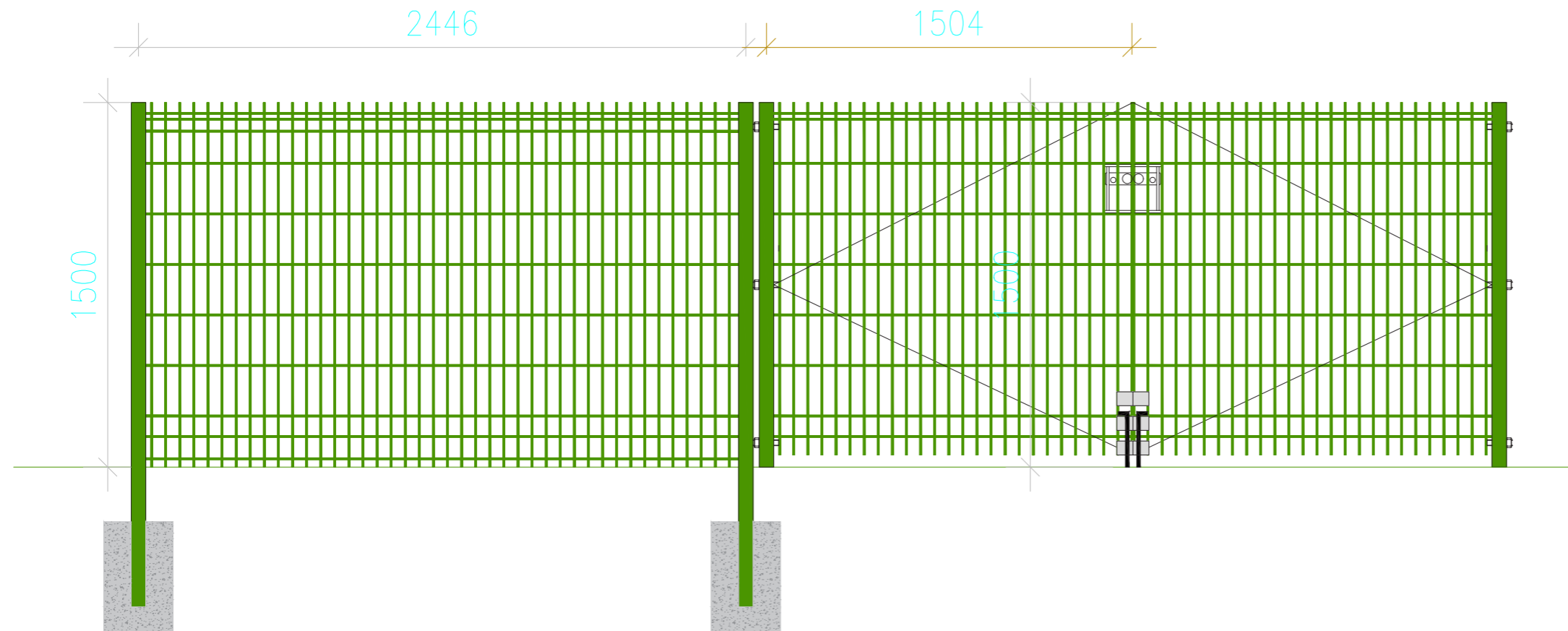
Planting Mix 1 - Tree Pit 12.5m ²				
No.	Name	Size	%	Qty:
1	Persicaria affine	1Ltr.	40%	10
2	Astible (<i>False spirea</i>)	2Ltr.	10%	3
3	Iris siberica (<i>Siberian Flag</i>)	2Ltr.	15%	4
4	Helleborus (<i>Lenten rose</i>)	2Ltr.	20%	5
5	Carex pendula (<i>Weeping Sedge</i>)	1Ltr.	15%	4

Tree Pit Plan and Elevation



Also, please refer to SUDS Strategy Document included for details on Tree Pits, Swales and Raingardens.

System Fence Detail



1.5M System Fence



Post: 60x60mm RHS at 2.446m centres, panel fixed to posts with 25 x 25mm slotted clamp bar using NK M8 tamper-resistant bolt and threaded nutserts.

Mesh Aperture: 200 x 50mm

Wire Diameter: 6mm horizontal, 5mm vertical.

Woodland Whip Planting List - Miyawaki Method



Alnus glutinosa



Fagus sylvatica



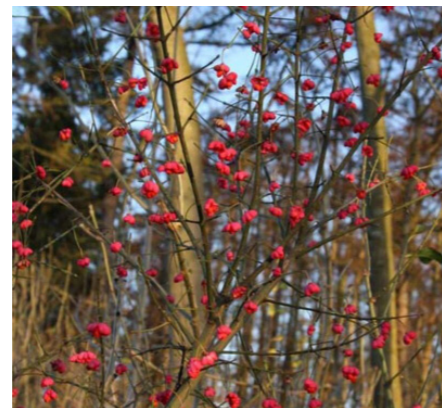
Prunus avium



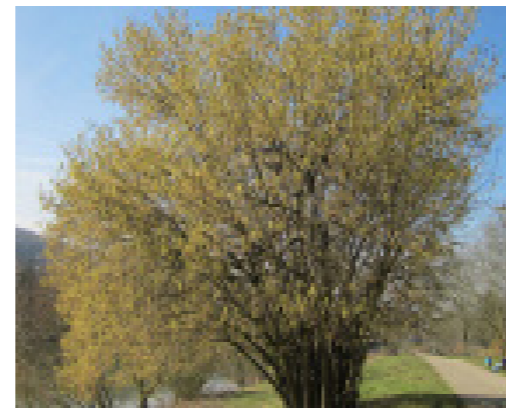
Pinus sylvestris



Sambucus nigra



Euonymus europaeus



Corylus avellana



Betula pendula



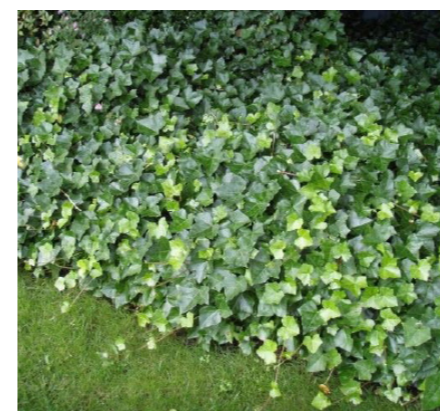
Crataegus monogyna



Rosa canina



Viburnum opulus



Hedera helix

Location Plan



The Miyawaki Method achieves a rich and dense ecosystem at a greater rate compared to tradition method of whip planting.

At least 30no. native species of saplings between 60-80cm height consisting of 4 layer of planting; canopy, sub-canopy, small understory trees, and shrubs; to be planted on 100 square meter mounds.

To prepare the area;
Remove weeds, rocks, and other material.
Dig the soil to depth of 1 meter and put half the loose soil back into the ground.
Mulch the other half of soil with compost made from organic material such as fallen leaves.

Plant 4no. trees within every square meter and mulch evenly surrounding the trees (15cm deep). Trees will require regular watering and additional mulch when needed.