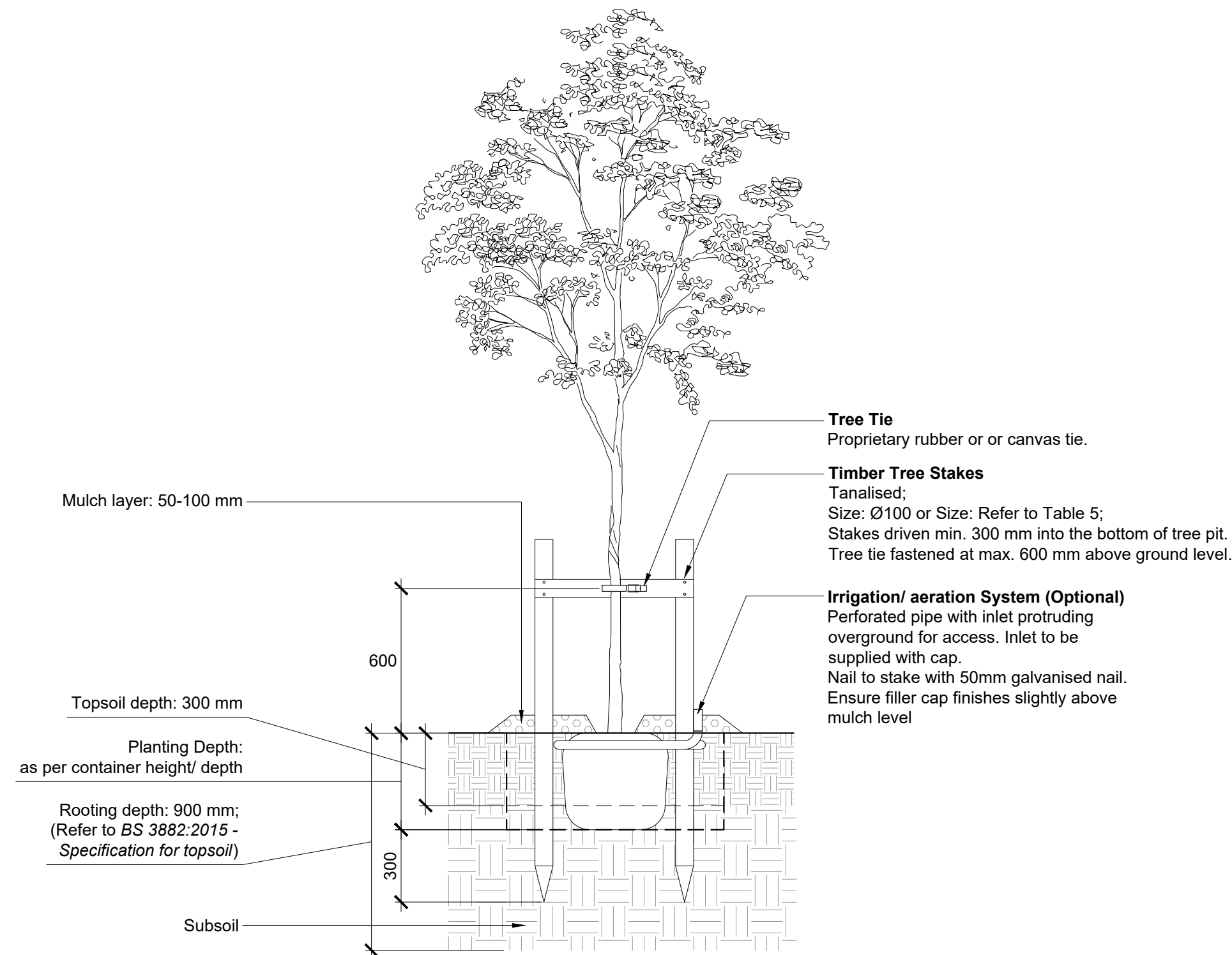
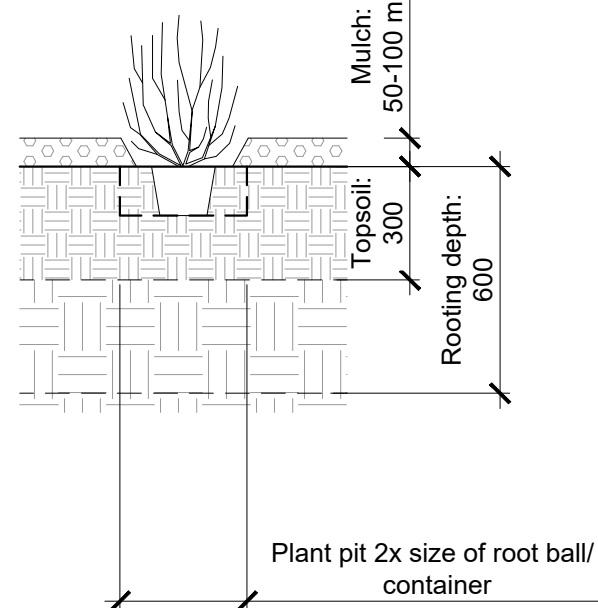


TREES



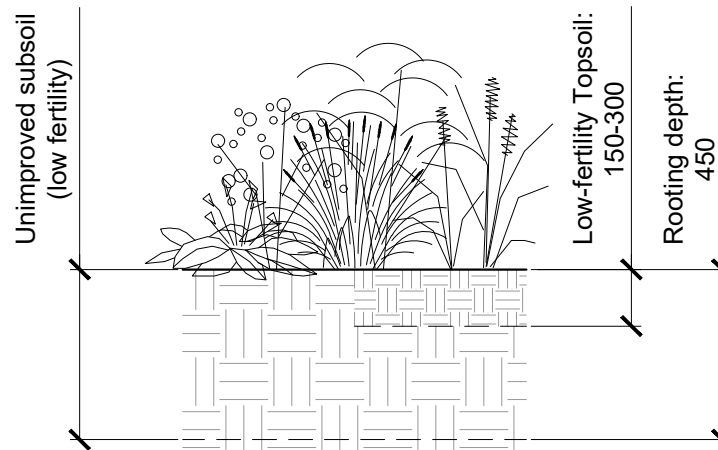
1
300 Tree Planting Detail - Double Staking
Scale: 1:20

SHRUBS
AND HERBACEOUS
PLANTS



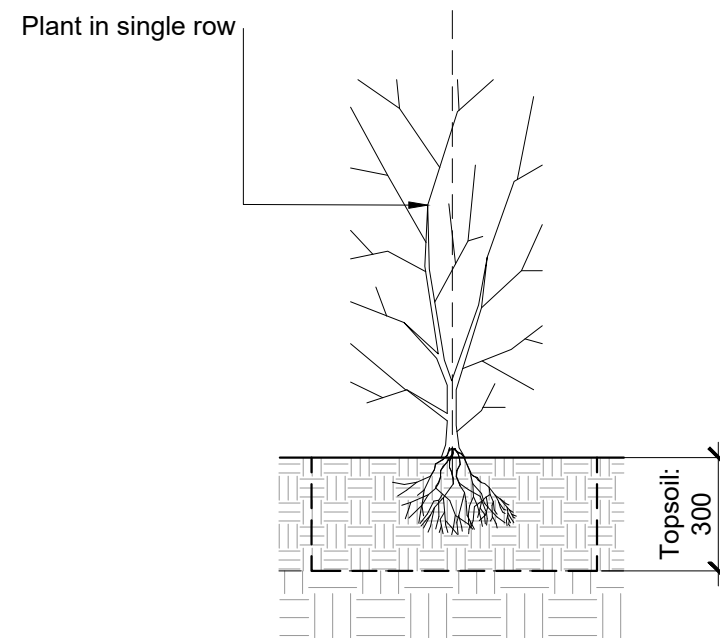
2
300 Shrubs and Herbaceous Plants
Scale: 1:20

WILDFLOWER
GRASSLAND



3
300 Wildflower Grassland
Scale: 1:20

HEDGEROW
PLANTING



5
300 Hedgerow Planting
1:20

Table 1. Soil Profiles

Planting Type	Required Rooting Depth	Topsoil Depth	Subsoil Depth
Trees	900 mm	300 mm	600 mm
Shrubs, herbaceous perennials	600 mm	300 mm	300 mm
Flowering grassland	450 mm	150 mm Specific-purpose low-fertility topsoil	300 mm
		No fertile topsoil	450 mm

Table 2. Planting Depths and Pit Sizes

Planting Type	Pit Plan Size	Pit/ Planting Depth
Trees	Square; 2 x root system diameter	The same depth as rootball/ root system/ container; Root flare or root collar level with the surface of the surrounding existing or proposed soil
Shrubs, including bare-rooted shrubs	Square; 2 x root system diameter	
Herbaceous plants	Square; 2 x container diameter/size	

Table 3. Planting Times

Planting Type	Time of Year
Rootballed deciduous trees and shrubs:	Late October / November – late March
Bare-rooted trees and shrubs	Late October/ November – late March
Evergreens	September / October or April / May
Herbaceous plants	September / October or March / April
Container grown plants	At any time if ground and weather conditions are favorable
Seeded wildflowers	September / October or March / April

Table 4. Storage of Plants

Planting Type	Storage Prescriptions
Bare rooted plants supplied as bagged stock	Keep in bags unless storage is likely to exceed three days; In this case, they should be heeled in by placing the roots in a prepared trench, covering them with fine soil and well firming or watering in to prevent air pockets.
Trees stored for more than 24 hours	Protect from damage and drying out, protect rootballs with damp hessian, straw or similar. Store upright, do not lean trees.
Container grown plant material not required for 24 hours or more	Store out of crates, upright and close together; Any plant material stored on site shall be protected from drying winds and watered.

Table 5. Tree Staking Details

Staking	Heavy Standard
Number of stakes (per tree)	2
Minimum diameter	100 mm
Overall height	1.5 m
Fixing above ground	0.6 m

0 100 250 500 mm 1000 mm
Scale 1:20

Soil requirements for Proposed Planting Areas:

- Topsoil: Site sourced or Imported Topsoil to be Multi-Purpose Topsoil to *BS 3882:2015 - Specification for topsoil*. To be tested and certified by Soil Scientist.
- Subsoil: On-site or Imported Subsoil to be in accordance with *BS 8601:2013 Specification for subsoil and requirements for use*.

Proposed - Planting in General:

Root system should be wetted prior to planting.

Depth: The root flare of the newly planted shrubs should be clearly visible at the soil surface; it should not be buried by excess soil. Allowance should be made for settling of the soil after planting (ca. 10%). Topsoil should not be used below the depth of the original topsoil layer.

Immediately after planting, the planting pit to be saturated to field capacity.

Mulching

Conifer bark mulch, 10-40mm particle size, FSC certified, to BS EN 4790:1997 for fire resistance containing less than 20% white wood, dust and fines.

Depth: 75 mm.

The root flare and the base of the stem to be maintained free from mulch. Mulch around the base of the trees to be maintained at 1.0 m radius circle. The full extent of the planting beds to be covered with mulch layer.

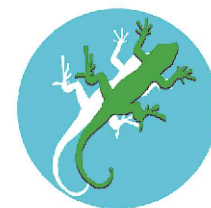
Plants to be irrigated before mulch is applied.

Trees to be planted in accordance with *BS 8545:2014 'Trees: From nursery to independence in the landscape - Recommendations'*.

All soft landscape works to be carried out in accordance with *BS 4428:1989 'Code of practice for general landscape operations'*.

PLANNING ISSUE

Rev	Description	Date	Drawn	Appr
00	Planning Issue	23.04.26	SP	KM



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Client Convent of Mercy			
Project Title and Location St Josephs Convent Gravesend			
Drawing Title Soft Landscape Details Planting Profiles			
Scale 1:20@A1	Drawn SP	Approved KM	Date 23.04.26
Drawing No LLD3629-LAN-DWG-300			Revision 00

Soft Landscape Details - Planting Profiles
St Josephs Convent, Gravesend