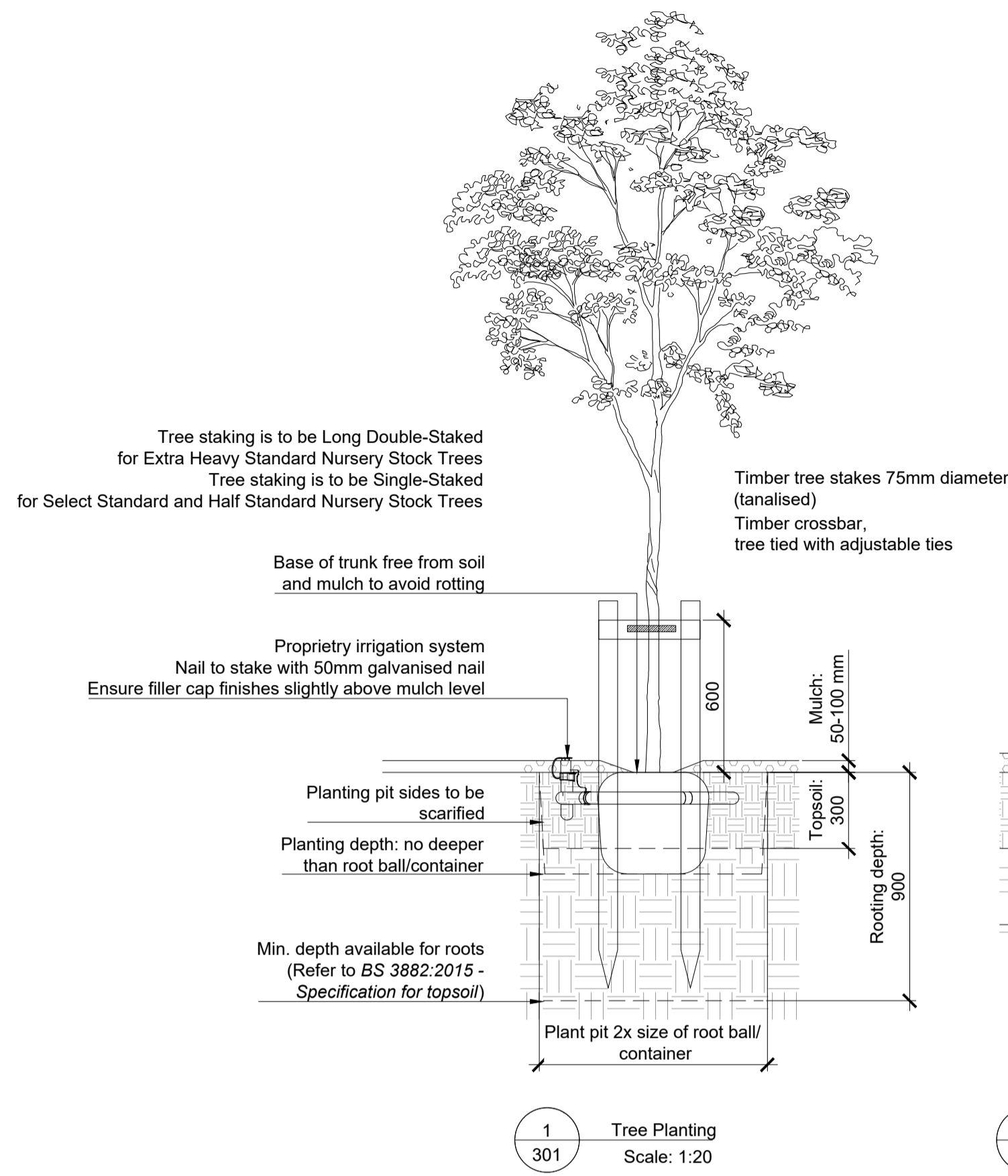
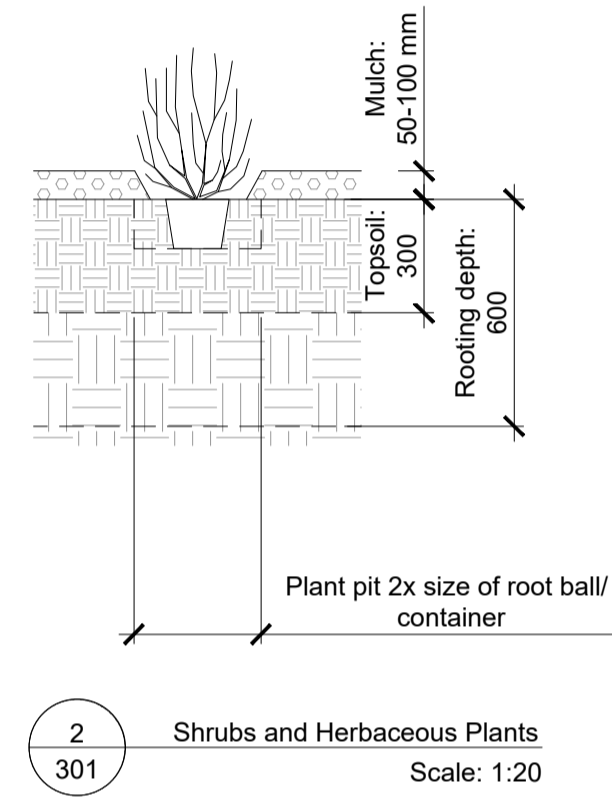


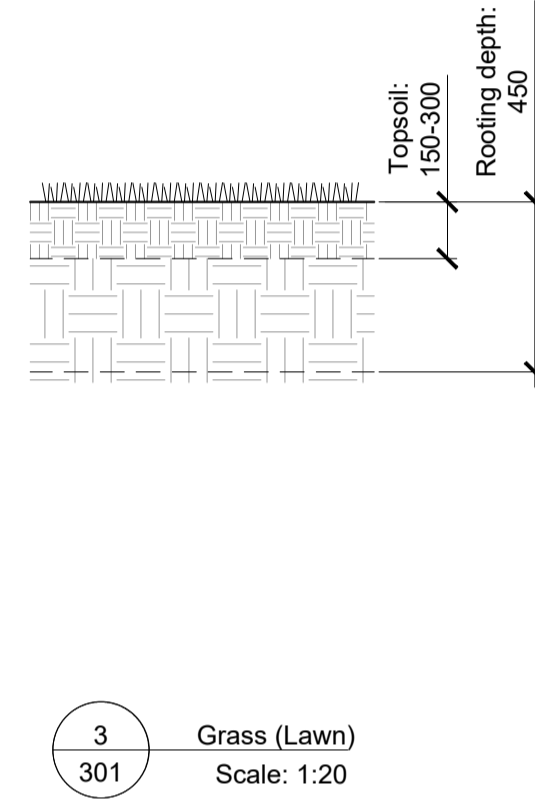
TREES



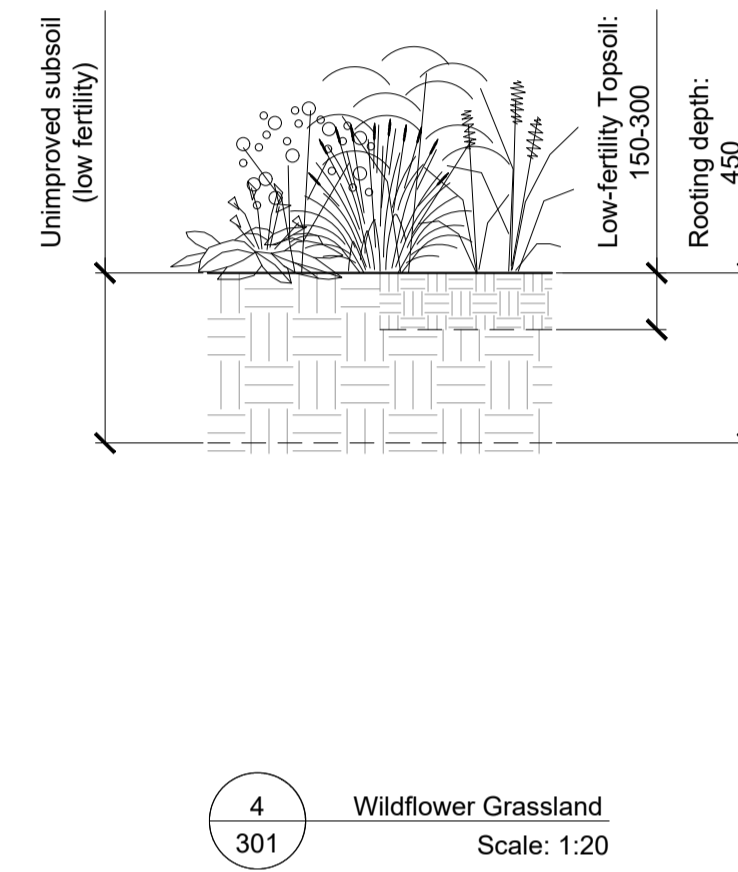
SHRUBS AND HERBACEOUS PLANTS



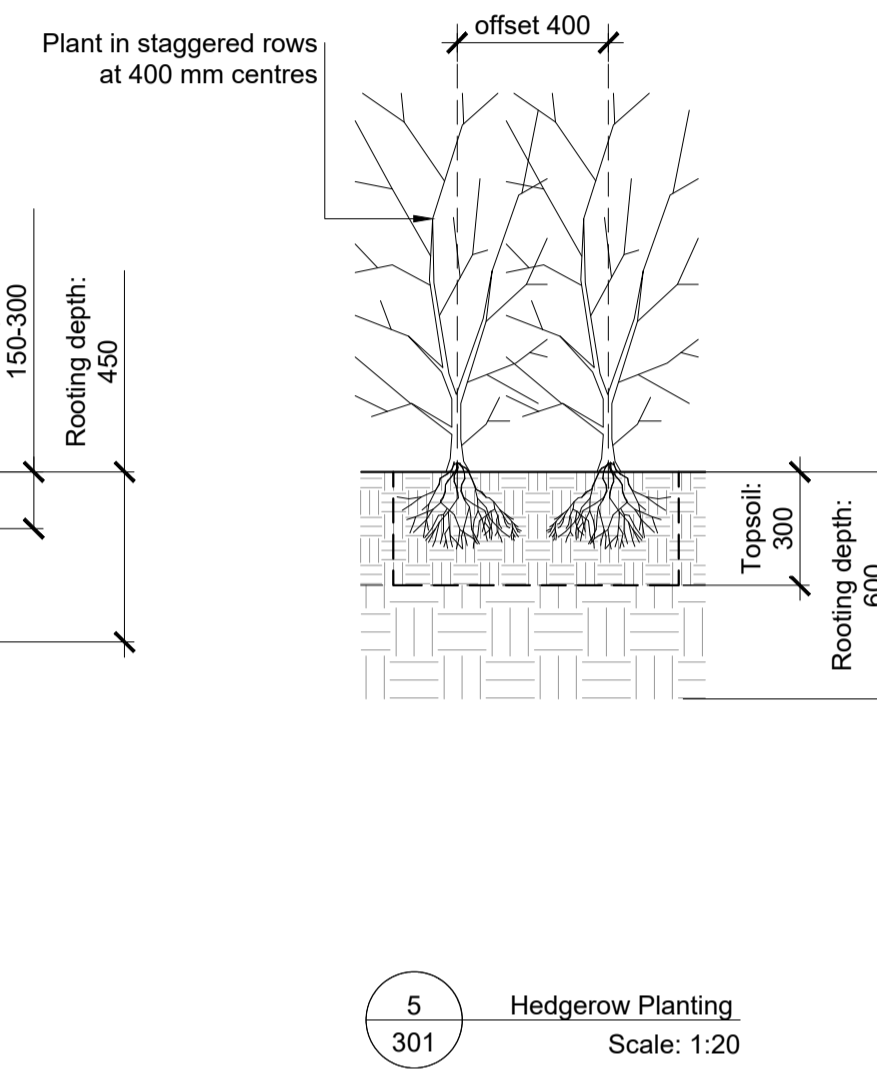
GRASS (LAWN)



WILDFLOWER GRASSLAND



HEDGEROW PLANTING



Specification:

Existing - Trees
Existing mature trees to be retained and protected on site in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'.

Works under Existing Trees
Any cultivation, digging and planting operations within RPAs of existing trees and close to their stems must be carried out with diligence and care using manual tools and techniques to avoid damage to roots and bark.

Soils:
Soil and depths for all plants shall meet and be guided by BS 3882:2015

Tree Staking:
Extra Heavy Standard Nursery Stock Trees
Tree staking is to be Long Double-Staked for Extra Heavy Standard Nursery Stock Trees.
Select Standard and Half Standard Nursery Stock Trees
Tree staking is to be Single-Staked for Select Standard and Half Standard Nursery Stock Trees.

Planting:
Root system of the tree should be wetted prior to planting.

Depth: The root flare of the newly planted tree should be clearly visible at the soil surface; it should not be buried by excess soil or mulch. Allowance should be made for settling of the soil after planting (ca. 10%).
The rootball or root-stem transition should be level with the existing host soil or surface.

Topsoil should not be used below the depth of the original topsoil layer.
Backfill to be added gradually, in layers of 150 mm to 230 mm depth, ensuring the tree is held upright. At each stage firm the fill in to eliminate all air pockets under and around the root system; care should be taken not to excessively compact the soil.
The final layer of backfilling should not be consolidated, but should be of a sufficient depth to allow for settlement and mulching.

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

Mulching
Depth: 50 - 100 mm is effective.

Plants to be irrigated before mulch is applied.
The root flare and the base of the stem to be maintained free from mulch.

Notes:
1. All practical work undertaken will be completed to BS 4428:1989 - Code of practice for general landscape operations (excluding hard surfaces).

Table 1. Soil Profiles

Planting Type	Required Rooting Depth	Topsoil Depth	Subsoil Depth
Trees	900 mm	300 mm	600 mm
Climbers	600 mm		300 mm
Shrubs, herbaceous perennials	600 mm		300 mm
Dried bulbs, corms and tubers			Varies
Amenity grassland	450 mm	150 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	Root Zone Depth	Planting Depth
Trees	Square; 2 x root system diameter	900 mm	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 / whips and transplants	Square; 2 x root system diameter	600 mm	
Herbaceous plants	Square; 2 x container diameter/size	600 mm	
Climbers	Square; 2 x root system diameter or 600 x 600 mm - whichever is bigger	600 mm	
Dried bulbs, corms and tubers	Notch planting	Varies	Notch planting; Top of bulb/ corm/ tuber at a depth of approximately twice its height; Base in contact with bottom of hole.

Table 3. Planting Times

Planting Type	Time of Year
Rootballed deciduous trees and shrubs:	Late October / November – late March
Bare-rooted trees and shrubs / whips and transplants	Late October/ November – late March
Conifers and evergreens	September / October or April / May
Herbaceous plants (including aquatic and marginal)	September / October or March / April
Container grown plants	Works to be done in accordance with BS 4428:1989
Dried bulbs, corms and tubers	September/ October
Colchicum (Crocus)	July/August
Green bulbs	After flowering in spring
Wildflower plugs:	Late August to mid-November or March/ April
Seeded grass	September / October or March / April
Grass turf	October – end of April
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.
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.

PLANNING ISSUE

Rev	Description	Date	Initials
00	Planning Issue	31.07.20	KM

LIZARD
Landscape Design and Ecology

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Client Hailsham Community College Academy Trust			
Project Title and Location Hailsham Community College Battle Rd, Hailsham, East Sussex			
Drawing Title Soft Landscape Details Detailed Planting Details			
Scale 1:20 A1	Drawn KM	Approved	Date 30/07/2020
Drawing No LLD2040-LAN-DWG-300			Revision 00