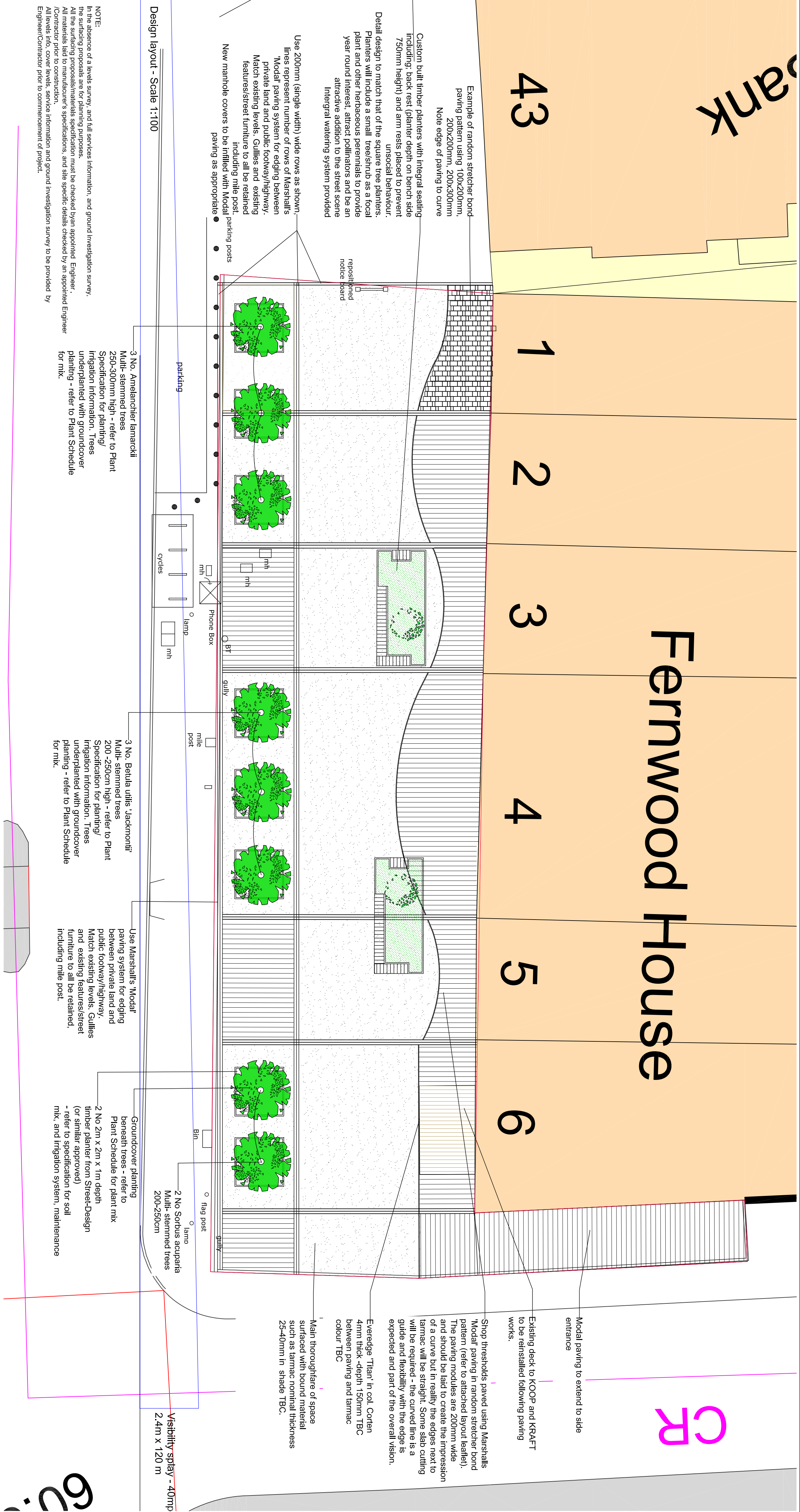
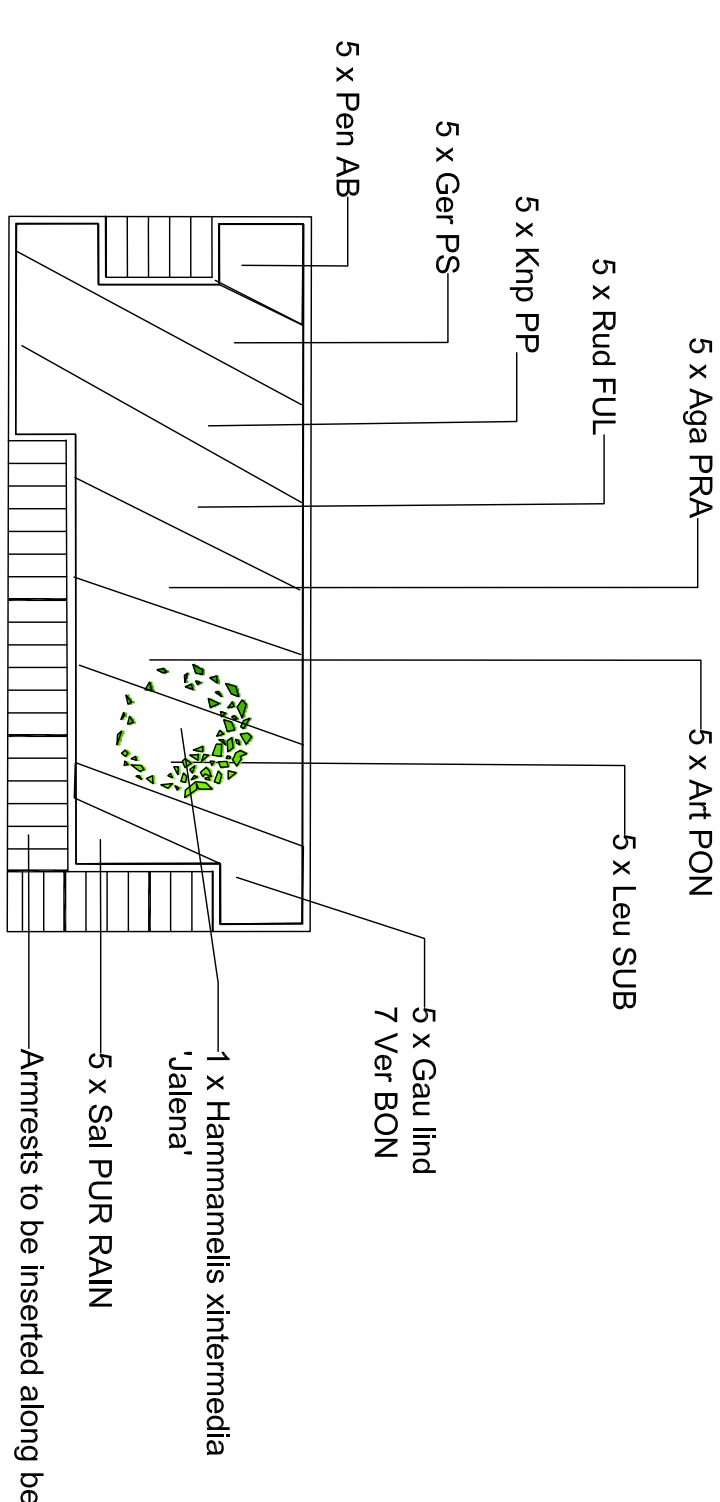




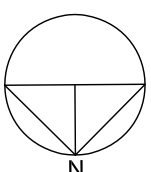
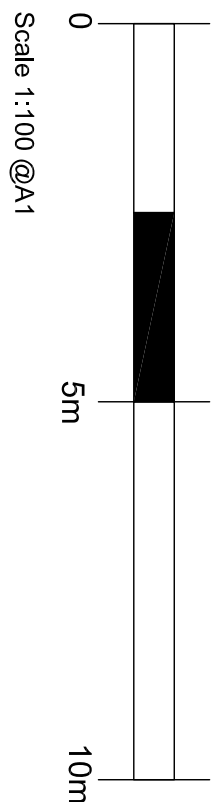
Seat Planters - Herbaceous Perennial Planting Plan - Refer to plant schedule for full Plant names Scale 1:50



Bulb Planting Plan
January/February - 'Galanthus 'Flore Pleno' - Plant in groups of 5 bulbs in 10 equally distanced locations across the bed March - 'Narcissus cyclamnis 'Jeffrie' - Plant in groups of 5 bulbs in 10 equally distanced locations across the bed April - 'Tulips: 'Princess Irene' and 'Purple Prince' plant 25 of each across the bed equally spaced avoiding other bulbs May: Plant a mix of Allium 'Purple Sensation' and Narcissus 'Albus Plenus Odoratus' equally across the bed avoiding other bulbs plant 25 of each. June: Allium spharoccephalon - 50 bulbs scattered across each planter

On Street Planters/Seating - custom design based on Street Design Diplomat tree planters used adjacent to highway.

Seating 400mm depth with intermittent armsrests. Planter provides seat back (400mm) - Planter height from ground level 800mm height.
Planters filled with pea gravel to 150mm and enhanced topsoil (enhanced roof garden soil from GreenTec.GP4. Leave 100mm space at top.
Planters use internal watering system GreenTee MONA Plant System Ring 77 or similar approved.
Planters supported above ground on 50mm high planter feet.



KEY

Proposed tree



Large shrub



Herbaceous and bulb planting to seat planters



Ground cover and bulbs to tree planters



Tarmac



Everedge 'Titan' col. Corten edging to tarmac



Marshalls Model paving in grey/blush shades - bond



Diplomat - Tree Planter 2x2m x 1m depth, from Street Design



Planter/bench arm and back rest - match with Diplomat style



Site boundary - from Architect's plan

LANDSCAPE SPECIFICATION

Landscape works to be fully implemented in the first planting season following commencement of the development.

Any plants which within the period of one year - or trees within 5 years from the time of planting die, become badly damaged or diseased shall be replaced in the next planting season with others of similar size and species, unless otherwise agreed in writing by the LPA.

All planting should comply with requirements specified in BS 3238 (1992) Nursery Stock Part One, BS 4428 (1988) Code of Practice for General Landscape Operations (excluding hard surfaces) and BS5845:2014 Trees from Nursery to Independence in the Landscape, ensuring that wherever possible trees and native hedge plants supplied are grown in UK. All other stock not grown in UK to be certified clear of disease.

Recommended suppliers: 'Miller Trees': Etrees@miller-trees.co.uk, 'Provencher Nurseries': Easage@provenchnurseries.co.uk

Set out trees and plants for planting as shown on plan 1055-5300 Landscape Plan and in accordance with BS5845:2014 'Trees from Nursery to Independence in the Landscape'

All soil supplied for both tree planters and seat planters to be intensive intensive Roof Garden GP4 soil a blend of 'Leika' and BS3982

Tree Planter specification:

Tree Planters are 'Diplomat' available from www.street-design.com in 2x2m height supported by 50mm plant supports. Tree Planters to be placed as shown on Drawing No. 1055-5300

Fill base of planters with 150mm of pea shingle, place MONA Ring 77 watering system over drainage layer as per manufacturer's specification (leaflet attached).

Please proposed tree in planter with 'Contaminated Arrows' system available from GreenTee. Please retaining 600mm depth to planter with the intensive Roof Garden mix GP4.

Water to be supplied to the tree planters from the street after which MONA Ring 77 watering system will be sufficient.

Plant bulbs and groundcover - bulbs twice bulb depth, herbaceous the equivalent of pot depth.

A slow release fertiliser can be used in planters in subsequent years such as seaweed extract.

For seat planters use the same specification but omit the contaminated tree anchor system.

Ensure watering system is maintained on a regular basis.

Maintenance: Maintenance of all trees, bulbs and herbaceous planting:

Formative pruning to trees ensuring crossing branches are trimmed back/removed as well as dead branches.

Trim Hammamells in same way following flowering.

Trim herbaceous planting in Autumn to within 100mm of soil level, to allow bulbs to come through late winter early spring.

Split herbaceous and bulbs as required if replanting in planter, ensure sufficient space.

Ensure watering system is topped up on a regular basis during summer and periods of droughts.

Use slow release fertiliser as appropriate such as seaweed extract.

Some herbaceous plants last longer than others. Where some may be under performing replace with new keeping to planting design - or as near as possible.

NOTE:
It is the responsibility of the contractor to visit the site and check all dimensions in relation to the drawing. It is the responsibility of the client / contractor to liaise with all utility providers, highways authority and environment agency to ensure that all permissions/approvals are in place. It is the responsibility of the contractor to locate all underground services prior to construction.

Hard Landscape Materials:

The surface design is based on the idea of a paved 'threshold' to shop fronts using a blend of 3 colours: 2 grey shades and a heather colour. Laid in random colours and sizes. The design is to echo the laying of an area of decking or an entrance to the shops that is a contrast to the main public thoroughfare in the centre area of the wide footpath. Single lines of Model in a single colour are laid to define the spaces: the space for the tree planters, the thoroughfare and the thresholds to the shops.

The curved edge shown on the drawing is indicative only - the slope are not to be cut to a curve but to be laid straight and resemble a slightly more oblique to reveal but consistent edges between the paving and tarmac. I have included a metal edge to stabilise the tarmac - some straight cutting of slabs may be required and wider gaps filled with dry mix as required. I have included an area of the random stretcher pattern on the drawing to indicate how the edge would look. Alternatively, the threshold edges could be completely straight against tarmac, but of different depths from individual shop frontages.

Tarmac - from www.tarmac.com.

Marshalls 'Model' in 3 colours - shades to be confirmed. Sizes: 100x200, 200x200, 300x200mm (200 x 400mm and 200 x 600mm also available) laid in 'random stretcher bond' - see attached laying leaflet or more information. www.marshalls.co.uk

Hard materials to be laid to manufacturer's recommendations.

The surface design was devised without the benefit of the input from an engineer, a levels survey and with little information as to the manhole / service cover locations. It is a design layout only for planning purposes.

Some information relating to the location of underground services has been provided by Portsmouth and Southern Water and Scottish and Southern Electric only - enc.

Tree Planters are supplied by Street Design www.street-design.com and using their product Diplomat. The custom design planter is a variation on their curved planter base design. Please see Planter inset view for specification for planting multi-stemmed trees, soil and watering system.

PLANT SCHEDULE

TREES

SPECIES:

Species:	Size & Spec.	Density	No.
Amelanchier lamarckii	250-300 cm Multi Stem	1 per pot	3
Beaulia ulmis 'jaquemontii'	200-250 cm Multi Stem	1 per pot	3
Sorbus acuparia	200-250 cm Multi Stem	1 per pot	2

SPECIMEN SHRUB

Supply at 5lt. pot. planted singly as labelled on the plan. Stake as appropriate

SPECIES: Hammamelis xntemmedia 'Jelena'

SIZE/BTCG 5 lt CG

DENSITY 1 per planter

Number 2

HERBACEOUS PERENNIALS TO BOTH PLANTERS -

Plant in equal densities in locations as shown on the detail planting plan

Based on 1lt CG plants @ density 5 per m2 -

Agapanthus praecox - Aga PRA	10
Antennaria punctatum - Art PON	10
Gaura lindheimeri 'Whirling Butterflies' - Gau lmd	10
Geranium psilostemon 'Anne Folkard' - Ger PS	10
Knapthill 'Percy Pridle' - Knp PP	10
Leucanthemum supurbum 'Elizabeth' - Lei SUB	10
Panstermon 'Apple Blossom' - Pen AB	10
Rudbeckia fulgida 'Goldsturm' - Rud FUL	10
Salvia verticillata 'Purple Rain' - Sal PUR RAIN	10
Verbena bonariensis - Ver BON	14
GROUND COVER to Tree Planters - 2 per planter	
Geranium oxantum	16

BULBS available from www.dutchbulbs.co.uk, to be planted in seat planters - see Planting Plan Detail for more information.

Allium 'Purple Sensation'	50
Allium 'Sphaerocapnion'	50
Galanthus nivalis 'Flore Pleno'	50
Narcissus 'Albus Plenus Odoratum'	50
Narcissus cyclamnis 'Jeffrie'	50
Tulips: 'Princess Irene'	50
'Purple Prince'	50

Narcissus 'February Gold' to Tree Planters - 15 per planter

120

