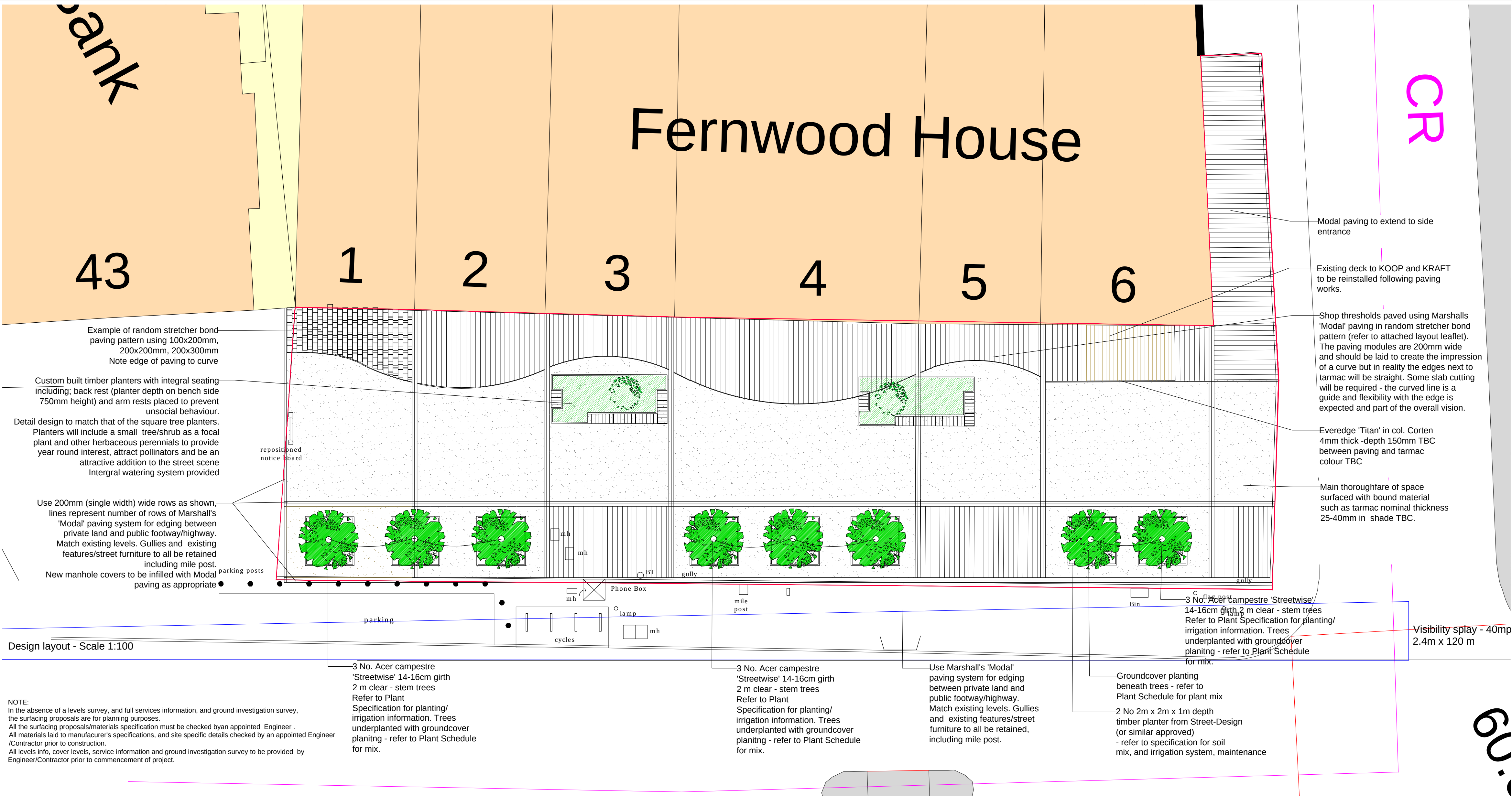
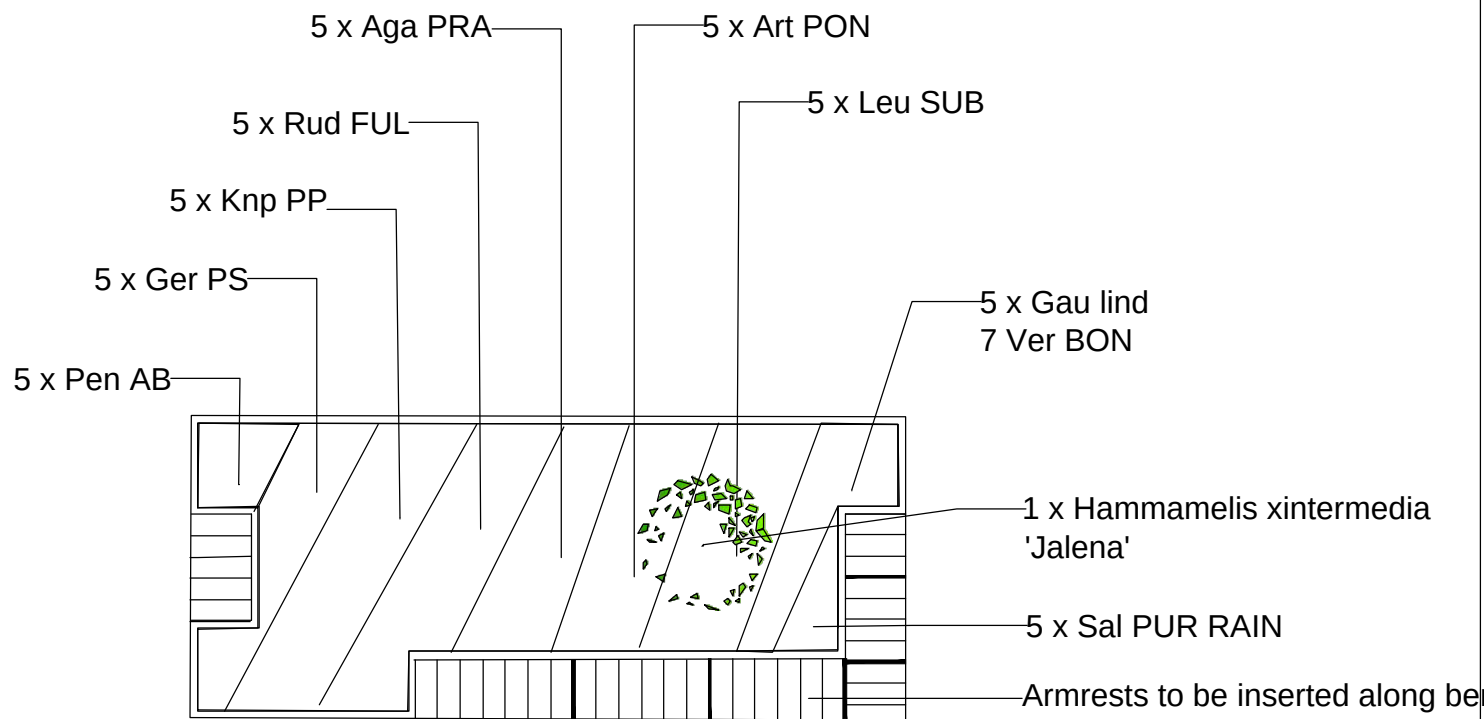




Seat Planters - Herbaceous Perennial Planting Plan -
Refer to plant schedule for full Plant names
Scale 1:50

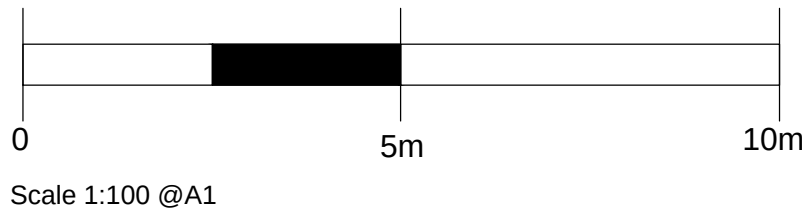


Bulb Planting Plan

January/February: - Galanthus 'Flore Pleno' - Plant in groups of 5 bulbs in 10 equally distanced locations across the bed
March: - Narcissus cyclamus 'Jetfire' - 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 armrests. 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 GreenTec MONA Plant System Ring 77 or similar approved.
Planters supported above ground on 50mm high planter feet.



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 3936 (1992) Nursery Stock Part One, BS 4428 (1989) Code of Practice for General Landscape Operations (excluding hard surfaces) and BS8545-2014 '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: Hillier Trees ; E: trees@hilliertrees.co.uk, Provender Nurseries; E: sales@provendernurseries.co.uk

Set out trees and plants for planting as shown on plan 1055-5300 Landscape Plan and in accordance with BS8545-2014 '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 'Lekka' and BS3882

Tree Planter specification:

Tree Planters are 'Diplomat' available from www.street-design.com in 2x2x1m 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)
Place proposed tree in planter with 'Containerised Anchor' system available from GreenTec backfill remaining 600mm depth of planter with the 'Intensive Roof Garden Mix GP4'.
Water in multi-stemmed trees and ensure trees are hand watered for first week 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 containerised 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 Hammamelis in same way following flowering.
Trim back herbaceous planting in Autumn to within 100mm of soil level, to allow bulbs to come through in 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.

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 Modal 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 slabs are not to be cut to a curve but to be laid straight and resemble a slightly/or more obvious uneven, but consistent edge 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 infilled 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, and;
Marshall's 'Modal' 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.

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.

PLANT SCHEDULE

TREES	Size & Spec.	Density	No.
SPECIES:			

Acer campestre 'Streetwise' 14-16cm 2m clear stem 1 per pot 8

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

SPECIES:	SIZE/BR/CG	DENSITY	Number
Hammamelis xintermedia 'Jalena'	5 lt CG	1 per planter	2

HERBACEOUS PERENNIALS TO BOTH PLANTERS -

Plant in equal denisties in locations as shown on the detail planting plan
Based on 1lt CG plants @ density 5 per m2 -

Agapanthus praecox - Aga PRA	10
Artemisia ponticum - Art PON	10
Gaura lindheimeri 'Whirling Butterflies' - Gau lind	10
Geranium psilostemon 'Anne Folkard' - Ger PS	10
Kniphofia 'Percys Pride' - Knp PP	10
Leucanthemum xsuperbum 'Elizabeth' - Leu SUB	10
Penstemon 'Apple Blossom' - Pen AB	10
Rudbeckia fulgida 'Goldsturn' - Rud FUL	10
Salvia verticillata 'Purple Rain' - Sal PUR RAIN	10
Verbena bonariensis - Ver BON	14

GROUNDCOVER to Tree Planters - 2 per planter	
Geranium oxianum	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 sphaercephalon	50
Galanthus nivalis 'Flore Pleno'	50
Narcissus 'Albus Plenus Odoratum'	50
Narcissus cyclamus 'Jetfire'	50
Tulips; 'Princess Irene'	50
'Purple Prince'	50

Narcissus 'February Gold' to Tree Planters - 15 per planter 120

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

Marshall's Modal paving in grey/blush shades - random stretcher 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

Rev. - : A	19.7.21	Change to tree species	BRC
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Project:

Fernwood House, 45 London Road

Drawing Title:
Landscape Proposals

Purpose:
Planning

Dwg. No.
1055-5300

Scale:
1:100 @ A1

Date:
Feb. 21