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DOCUMENT TITLE		STW Stage 4 – Soft Landscaping Design					
	Name	Signature		Date			
Designed by	AFA			07.11.2018			
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Checked	STW			07.11.2018			
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FIRST ISSUE DATE		PROPOSED STATUS		S4 - ISSUED FOR ACCEPTANCE			
10.04.2018							
PROJECT	ISSUER	AREA	LEVEL	TYPE	TRADE	SEQUENCE	REV
P4PBT	STW	ALL	SL	REP	A31	101116	C

Revision Log

REVISION	COMMENTS	PRODUCED BY	REVISED BY	DATE	CHECKED	APPROVED
A	1 ST ISSUE	STW	N/A	10.04.2018	AFA	KB
B	Revised and issued for BYUK comment	STW	N/A	16.04.2018	AFA	KB
C	Maintenance plan updated	STW	N/A	07.11.2018	AFA	KB

Stage 4 - Soft Landscape Design
Proton Beam Therapy Centre
UCLH

Scott Tallon Walker Architects



Shaping a Better Life

Scott Tallon Walker Architects

Introduction

The following report, drawings and specification have been prepared by Anne French & Associates Landscape Designers in conjunction with STW and BYUK.

The design for the landscaping proposal, title ‘The Apothecary’s Garden’ was presented to UCLH on the 2nd March 2018. Please refer to BYUK Minutes of Meeting and has now been updated to post review of the Camden Biodiversity Plan and BREEAM requirements – see note below.

The presentation covered the following areas:

- 1) Overall scope and extent of soft landscaping – sedum landscaping was not included and forms part of STW Roofing & Soft Landscape Report - *P4PBT-STW-ALL-SL-REP-A31-101091 - Rev G*
- 2) Explanation of the concept of the Apothecary’s Garden, types of plants and overall approach to planting.
- 3) Maintenance issues.
- 4) Integration of the landscaping into the wider building design.

Overall the response from the Trust was positive with some queries regarding the planting types (toxic plants to be removed) and irrigation and maintenance requirements. These have been addressed in the attached documents.

Camden Biodiversity Plan:

The soft landscaping proposals and planting types have been reviewed against Camden’s Biodiversity Plan and against our BREEAM requirements.

The resultant BREEAM Report is attached here as Appendix B - 181002 OBOU110 UCLH Breeam Reassessment RH FA PF 008

Item 4.1.7 assumes that the extensive green roof habitats will incorporate at least 8 native species. This has now been added to our specification.

As per criterion 3c of BREEAM issue LE 05, the landscape maintenance plan has also been updated to make reference to the Camden Biodiversity Action Plan. This is in the attached document - Soft Landscape Maintenance Plan.

Documents attached to this report:

- 1) Soft Landscape Design Report
- 2) Soft Landscape Maintenance Plan & Specification
- 3) BREEAM Assessment Report

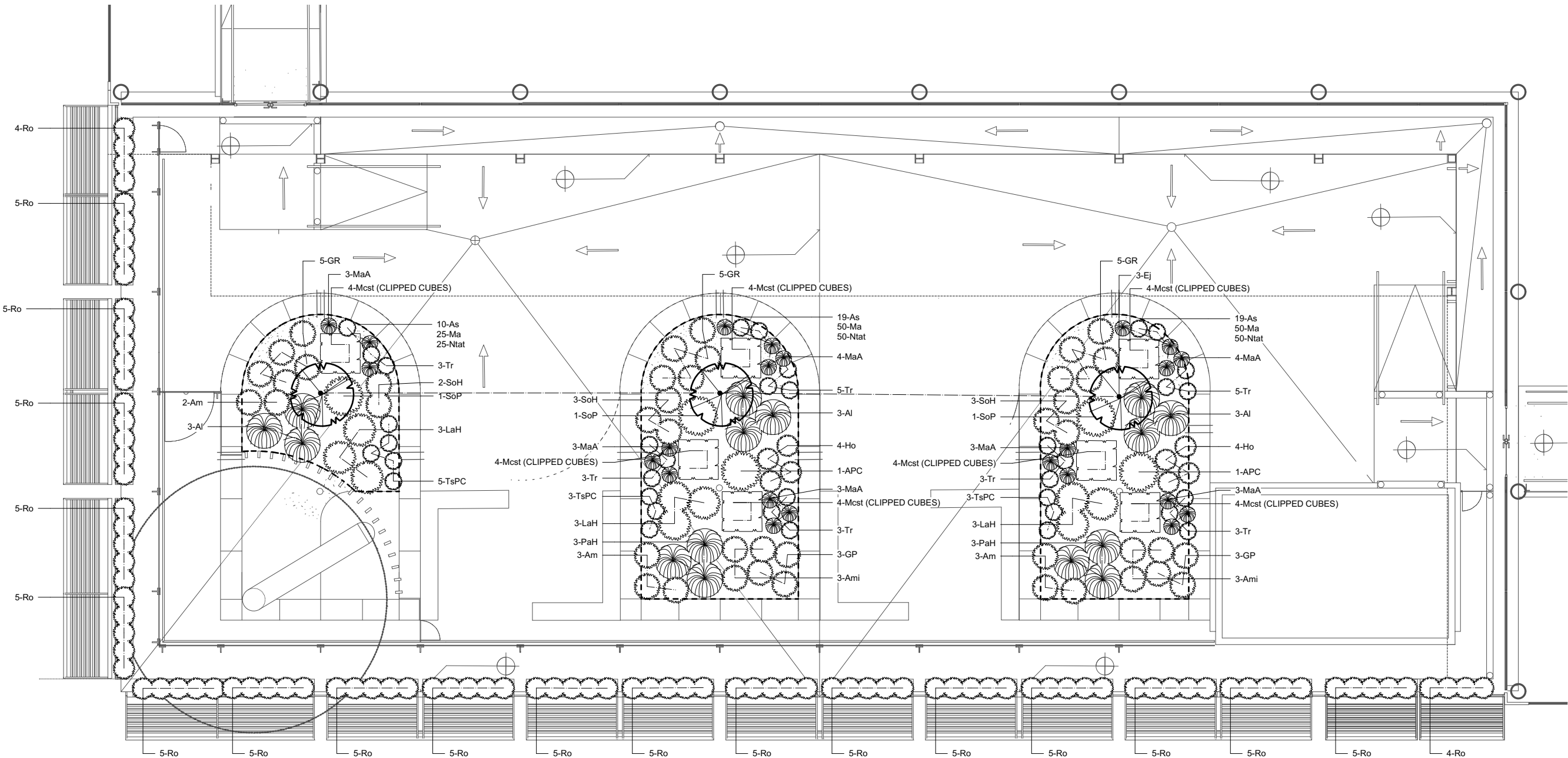
UCLH Proton Beam Therapy Centre, London

Planning Submission - April 2018

Rev	Date	Issue
--	19.02.18	Issued for comment
A	01.03.18	Issued for presentation
B	22.03.18	Issued for planning
C	03.04.18	Issued for planning

The Apothecary's Garden

Notes:



PLANT SCHEDULE - PLANTING PLAN 1			
LATIN NAME	COMMON NAME	SPECIFICATION	QTY
TREES			
Eriobotrya japonica	Loquat	12-14cm 1/2 std	3
TOTAL TREES			3
SHRUBS			
Myrtus communis subsp. tarentina	Myrtle	5 LITRE	28
TOTAL SHRUBS			28
PERENNIALS			
Achillea millefolium	Yarrow	2 LITRE	6
Alchemilla mollis	Lady's Mantle	2 LITRE	8
Artemisia 'Powis Castle'	Wormwood	2 LITRE	2
Geranium 'Patricia'	Cranesbill	2 LITRE	6
Geranium Rozanne	Cranesbill	2 LITRE	15
Hyssopus officinalis	Hyssop	2 LITRE	8
Lavandula angustifolia 'Hidcote'	Lavender	2 LITRE	9
Rosmarinus officinalis	Rosemary	2 LITRE	98
Salvia officinalis 'Purpurescens'	Purple Sage	5 LITRE	3
Stachys officinalis 'Hummelo'	Betony	2 LITRE	8
Thymus serpyllum 'Pink Chintz'	Thyme	2 LITRE	11
Trifolium rubens	Nobel Clover	2 LITRE	25
TOTAL PERENNIALS			199
GRASSES AND BAMBOOS			
Anemanthele lessoniana	Pheasant's Tail Grass	2 LITRE	9
Melica altissima 'Alba'	Siberian Melic	2 LITRE	23
Pennisetum alopecuroides 'Hameln'	Fountain Grass	2 LITRE	6
TOTAL GRASSES AND BAMBOOS			38
BULBS			
Allium sphaerocephalon	Round-headed Leek	BULBS	48
Muscari armeniacum	Grape Hyacinth	BULBS	125
Narcissus 'Tete-a-Tete'	Daffodil	BULBS	125
TOTAL BULBS			298
TOTAL			566

Plant Key	Latin Name
Al	Anemanthele lessoniana
Am	Alchemilla mollis
Ami	Achillea millefolium
APC	Artemisia 'Powis Castle'
As	Allium sphaerocephalon
Ej	Eriobotrya japonica
GP	Geranium 'Patricia'
GR	Geranium Rozanne
Ho	Hyssopus officinalis
LaH	Lavandula angustifolia 'Hidcote'
Ma	Muscari armeniacum
MaA	Melica altissima 'Alba'
Mcst (CLIPPED CUBES)	Myrtus communis subsp. tarentina
Ntat	Narcissus 'Tete-a-Tete'
PaH	Pennisetum alopecuroides 'Hameln'
Ro	Rosmarinus officinalis
SoH	Stachys officinalis 'Hummelo'
SoP	Salvia officinalis 'Purpurescens'
Tr	Trifolium rubens
TsPC	Thymus serpyllum 'Pink Chintz'

D		
C		
B		
A	16.03.18	Bulbs added, Foxgloves and Hellebores removed
Rev	Date	Details

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Client:

Project:
UCLH Proton Beam Therapy Centre

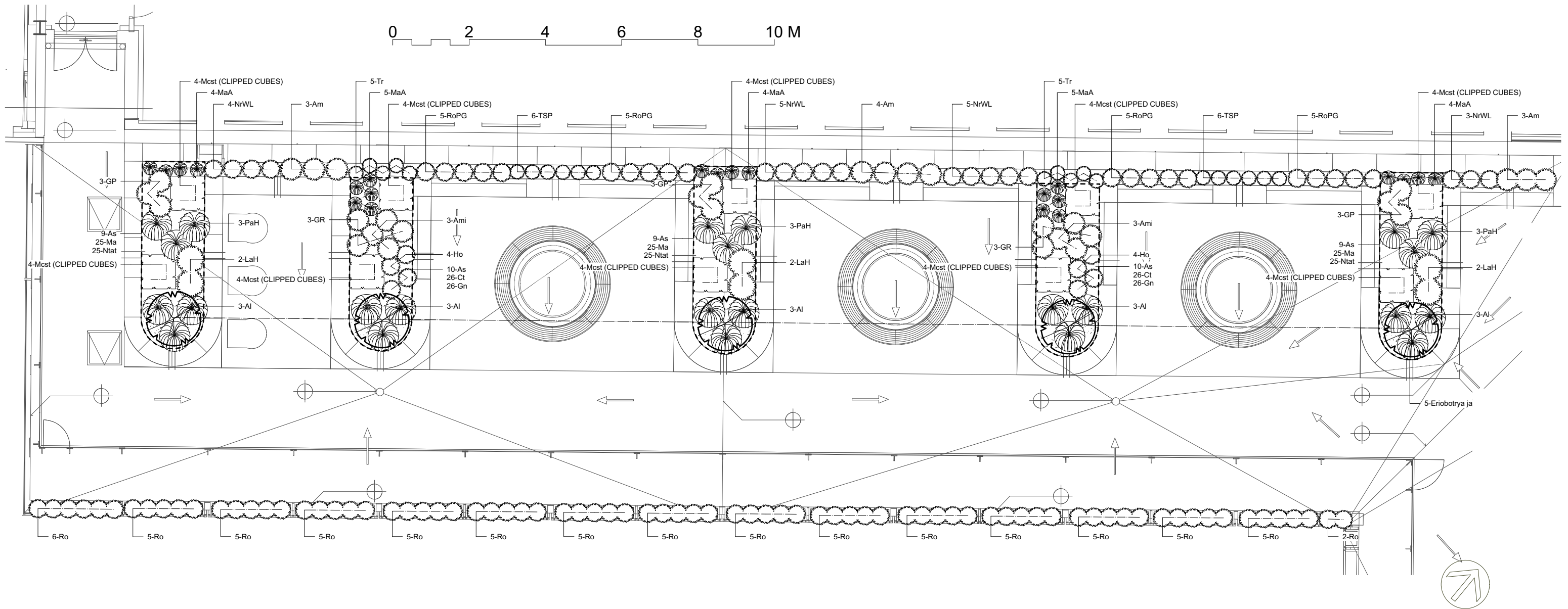
Drawing Title:
Third Floor Planting Plan

Phase:
FOR PLANNING

Drawing Number: 172-PL-001	Rev: -	Date: 30.01.18
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PLANT SCHEDULE - PLANTING PLAN 2			
LATIN NAME	COMMON NAME	SPECIFICATION	QTY
TREES			
Enicobotrya japonica	Loquat	12-14cm 1/2 std	5
TOTAL TREES			5
SHRUBS			
Myrtus communis subsp. tarentina	Myrtle	5 LITRE	40
TOTAL SHRUBS			40
PERENNIALS			
Achilles millefolium	Yarrow	2 LITRE	6
Achenillea mollis	Lady's Mantle	2 LITRE	10
Geranium 'Patricia'	Cranesbill	2 LITRE	9
Geranium Rozanne	Cranesbill	2 LITRE	6
Hyssopus officinalis	Hyssop	2 LITRE	8
Lavandula angustifolia 'Hidcote'	Lavender	2 LITRE	6
Nepeta racemosa 'Walker's Low'	Catmint	2 LITRE	17
Rosmarinus officinalis	Rosemary	2 LITRE	78
Rosmarinus officinalis Prostratus Group	Rosemary	2 LITRE	20
Thymus 'Silver Posie'	Thyme	2 LITRE	12
Trifolium rubens	Nobel Clover	2 LITRE	10
TOTAL PERENNIALS			182
GRASSES AND BAMBOOS			
Anemarrhene lessoriana	Pheasant's Tail Grass	2 LITRE	15
Melica alba 'Alba'	Siberian Melic	2 LITRE	22
Pennisetum alopecuroides 'Hameln'	Fountain Grass	2 LITRE	9
TOTAL GRASSES AND BAMBOOS			46
BULBS			
Allium sphaerocephalon	Round-headed Leek	BULBS	47
Crocus tommasinianus	Crocus	BULBS	52
Galanthus nivalis	Snowdrop	BULBS	52
Muscari armeniacum	Grape Hyacinth	BULBS	75
Narcissus 'Tete-a-Tete'	Daffodil	BULBS	75
TOTAL BULBS			301
TOTAL			574

Plant Key	Latin Name
Al	Anemathele lessoniana
Am	Alchemilla mollis
Ami	Achillea millefolium
As	Allium sphaerocephalon
Ct	Crocus tommasianus
Ei	Eriobotrya japonica
Gn	Galanthus nivalis
GP	Geranium 'Patricia'
GR	Geranium Rozanne
Ho	Hyssopus officinalis
LaH	Lavandula angustifolia 'Hidcote'
Ma	Muscari armeniacum
MaA	Melica altissima 'Alba'
Mcs1 (CLIPPED CUBES)	Myrtus communis subsp. tarentina
NRWL	Nepeta racemosa 'Walker's Low'
Ntat	Narcissus 'Tete-a-Tete'
PaH	Pennisetum alopecuroides 'Hameln'
Ro	Rosmarinus officinalis
RoPG	Rosmarinus officinalis Prostratus Group
Tr	Trifolium rubens
TSP	Thymus 'Silver Posie'

D		
C		
B		
A	16.03.18	Bulbs added, Foxgloves and Hellebores removed
Rev	Date	Details



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Client:

Project:
UCLH Proton Beam Therapy Centre

Drawing Title:
Fifth Floor Planting Plan - West

Phase:
FOR PLANNING

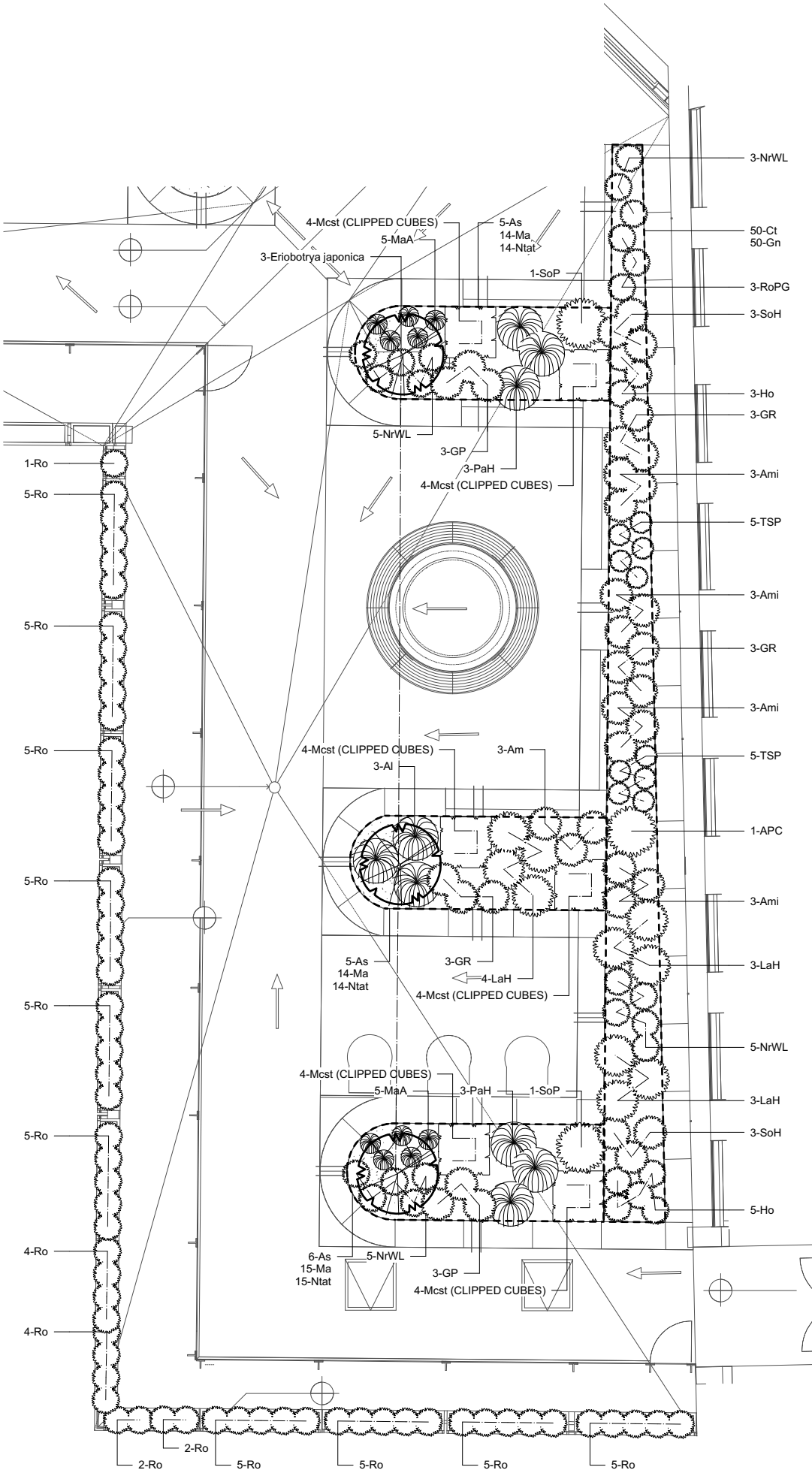
Drawing Number: 172-PL-002	Rev: -	Date: 30.01.18
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PLANT SCHEDULE - PLANTING PLAN 3			
LATIN NAME	COMMON NAME	SPECIFICATION	QTY
TREES			
Eriobotrya japonica	Loquat	12-14cm 1/2 std	3
TOTAL TREES			3
SHRUBS			
Myrtus communis subsp. tarentina	Myrtle	5 LITRE	24
TOTAL SHRUBS			24
PERENNIALS			
Achillea millefolium	Yarrow	2 LITRE	12
Alchemilla mollis	Lady's Mantle	2 LITRE	3
Artemisia 'Powis Castle'	Wormwood	2 LITRE	1
Geranium 'Patricia'	Cranesbill	2 LITRE	6
Geranium Rozanne	Cranesbill	2 LITRE	9
Hyssopus officinalis	Hyssop	2 LITRE	8
Lavandula angustifolia 'Hidcote'	Lavender	2 LITRE	10
Nepeta racemosa 'Walker's Low'	Catmint	2 LITRE	18
Rosmarinus officinalis	Rosemary	2 LITRE	63
Rosmarinus officinalis Prostratus Group	Rosemary	2 LITRE	3
Salva officinalis 'Purpurescens'	Purple Sage	5 LITRE	2
Stachys officinalis 'Hummelo'	Betony	2 LITRE	6
Thymus 'Silver Posie'	Thyme	2 LITRE	10
TOTAL PERENNIALS			151
GRASSES AND BAMBOOS			
Anemanthele lessoniana	Pheasant's Tail Grass	2 LITRE	3
Melica altissima 'Alba'	Siberian Melic	2 LITRE	10
Pennisetum alopecuroides 'Hameln'	Fountain Grass	2 LITRE	6
TOTAL GRASSES AND BAMBOOS			19
BULBS			
Allium sphaerocephalon	Round-headed Leek	BULBS	16
Crocus tommasinianus	Crocus	BULBS	50
Galanthus nivalis	Snowdrop	BULBS	50
Muscari armeniacum	Grape Hyacinth	BULBS	43
Narcissus 'Tete-a-Tete'	Daffodil	BULBS	43
TOTAL BULBS			202
TOTAL			399

Plant Key	Latin Name
Al	Anemanthele lessoniana
Am	Alchemilla mollis
Ami	Achillea millefolium
APC	Artemisia 'Powis Castle'
As	Allium sphaerocephalon
Ct	Crocus tommasinianus
Ei	Eriobotrya japonica
Gn	Galanthus nivalis
GP	Geranium 'Patricia'
GR	Geranium Rozanne
Ho	Hyssopus officinalis
LaH	Lavandula angustifolia 'Hidcote'
Ma	Muscari armeniacum
MaA	Melica altissima 'Alba'
Mcst (CLIPPED CUBES)	Myrtus communis subsp. tarentina
NrWL	Nepeta racemosa 'Walker's Low'
Ntat	Narcissus 'Tete-a-Tete'
PaH	Pennisetum alopecuroides 'Hameln'
Ro	Rosmarinus officinalis
RoPG	Rosmarinus officinalis Prostratus Group
SoH	Stachys officinalis 'Hummelo'
SoP	Salva officinalis 'Purpurescens'
TSP	Thymus 'Silver Posie'



Notes:

D

C

B

A

Rev

16.03.18

Date

Bulbs added, Foxgloves and Hellebores removed

Details

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Client:

Project:

UCLH Proton Beam Therapy Centre

Drawing Title:

Fifth Floor Planting Plan - East

Phase:

FOR PLANNING

Drawing Number:

172-PL-003

Rev:

-

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30.01.18

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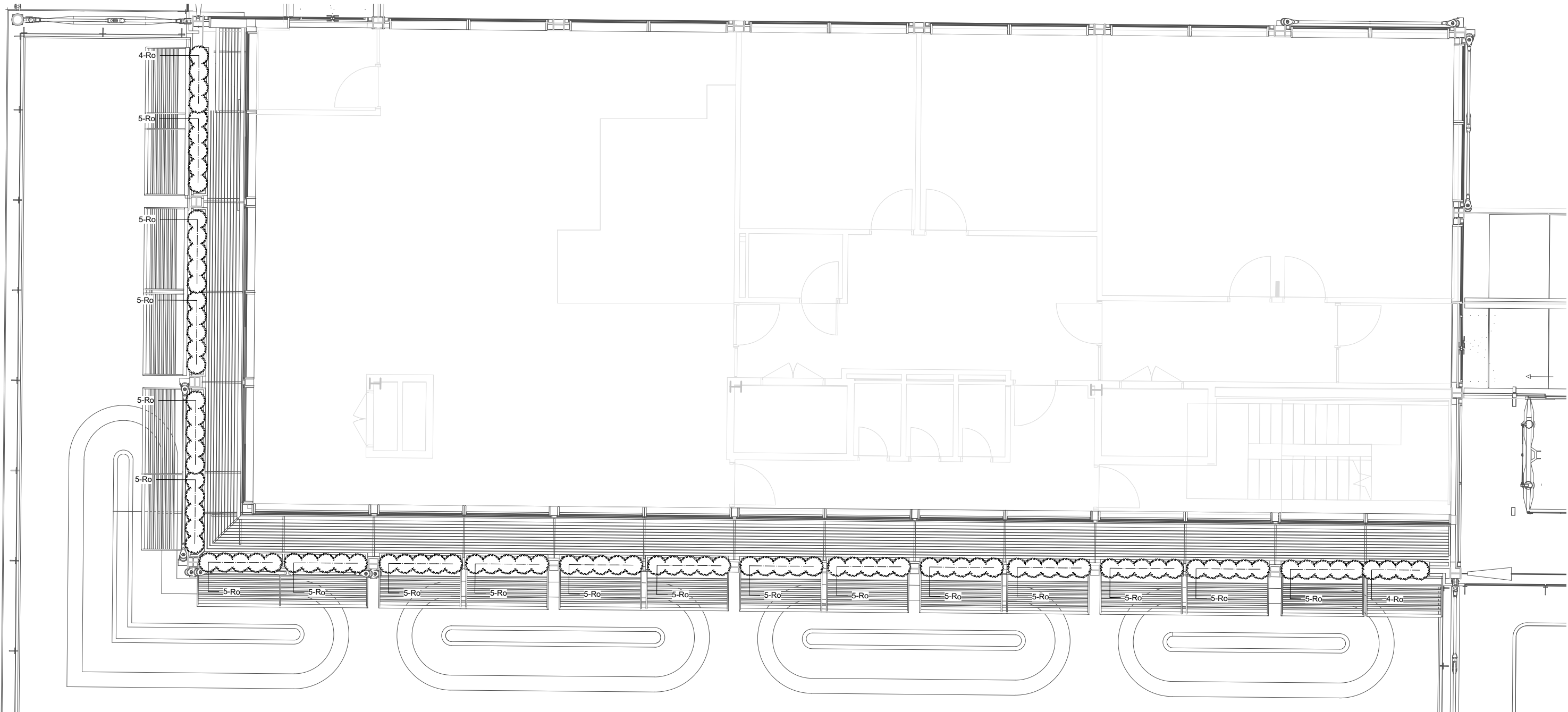


Client:

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Plant Key	Latin Name
Ro	Rosmarinus officinalis

Notes:



Plant Key	Latin Name
Ro	Rosmarinus officinalis

PLANT SCHEDULE - PLANTING PLAN 5			
	COMMON NAME	SPECIFICATION	QTY
PERENNIALS			
Rosmarinus officinalis	Rosemary	2 LITRE	98
TOTAL PERENNIALS			98
TOTAL			98

D		
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Client:

Project:
UCLH Proton Beam Therapy Centre

Drawing Title:
Second Floor Planting Plan

Phase:
FOR PLANNING

Drawing Number: 172-PL-005	Rev: -	Date: 03.04.18
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Eriobotrya japonica - standard
Has edible fruit which can be made in to a syrup for soothing the throat



Myrtus - clipped
Myrtle has high levels of salicylic acid, a compound related to aspirin.



BALUSTRADE PLANTERS OPTION A
Rosmarinus - clipped
Tonic, astringent, diaphoretic, stimulant. Oil of Rosemary has the carminative properties of other volatile oils and is an excellent stomachic and nervine, curing many cases of headache



BALUSTRADE PLANTERS OPTION B
Euonymus japonicus 'Microphyllus' - hedge

STRUCTURAL PLANTS

The Apothecary's Garden - UCLH, London

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Eriobotrya japonica - standard
Has edible fruit which can be made in to a syrup for soothing the throat



Myrtus - clipped
Myrtle has high levels of salicylic acid, a compound related to aspirin.



Artemisia 'Powis Castle'
Tonic, stomachic, febrifuge, anthelmintic. A nervine tonic, particularly helpful against the falling sickness and for flatulence. It is a good remedy for enfeebled digestion and debility.



Galanthus nivalis
Common snowdrop contains an alkaloid, galanthamine, which has been approved for use in the management of Alzheimer's disease in a number of countries.



Anemantele lessiona



Stipa tenuissima



Pennisetum alopecuroides 'Hameln'

Winter (December-February)

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LANDSCAPE ARCHITECTURE + ECOLOGY





Eriobotrya japonica - standard
Has edible fruit which can be made in to a syrup for soothing the throat



Myrtus - clipped
Myrtle has high levels of salicylic acid, a compound related to aspirin.



Crocus 'Thomasinianus'



Narcissus 'Tête-à-Tête'
It has been used as an application to wounds. For burns, for strained sinews, stiff or painful joints, and other local ailments, and for 'drawing forth thorns or stubs from any part of the body'.



Muscari americanum
Used, as well as other species of Muscari, for its diuretic and stimulant properties. Comisic acid has been extracted from the bulb, and apparently acts like Saponin.



Primula vulgaris
The whole plant is sedative and in modern days a tincture of the fresh plant in bloom, has been used with success in America in extreme sensitiveness, restlessness and insomnia.



Stipa tenuissima



Artemisia 'Powis Castle'
Tonic, stomachic, febrifuge, anthelmintic. A nervine tonic, particularly helpful against the falling sickness and for flatulence. It is a good remedy for enfeebled digestion and debility.

Spring (March-May)

The Apothecary's Garden - UCLH, London

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Loquat - fruit
Has edible fruit which can be made in to a syrup for soothing the throat



Alchemilla mollis
Lady's Mantle has astringent and styptic properties, on account of the tannin it contains. In modern herbal treatment, it is employed as a cure for excessive menstruation.



Achillea millefolium
Diaphoretic, astringent, tonic, stimulant and mild aromatic. Yarrow Tea is a good remedy for severe colds, being most useful in the commencement of fevers, and in cases of obstructed perspiration.



Artemisia 'Powis Castle'
Tonic, stomachic, febrifuge, anthelmintic. A nervine tonic, particularly helpful against the falling sickness and for flatulence. It is a good remedy for enfeebled digestion and debility.



Allium spaerocephalon
Antiseptic, diuretic. A roasted Onion is a useful application to tumours or earache.



Aquilegia 'Yellow Queen'
According to Culpepper 'The leaves of Columbine are successfully used in lotions for sore mouths and throats.'



Geranium 'Patricia'



Geranium 'Rozanne'



Hyssopus officinalis
Expectorant, diaphoretic, stimulant, pectoral, carminative. The healing virtues of the plant are due to a particular volatile oil, which is stimulative, carminative and sudorific



Lavandula angustifolia 'Hidcote'
The essential oil, or a spirit of Lavender made from it, proves admirably restorative and tonic against faintness, palpitations of a nervous sort, weak giddiness, spasms and colic.

Summer (June-September)

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Melica altissima 'Alba'



Nepeta racemosa 'Walker's Low'
Carminative, tonic, diaphoretic, refrigerant and slightly emmenagogue, specially antispasmodic, and mildly stimulating.



Origanum laevigatum 'Herrenhausen'
Its properties are stimulant, carminative, diaphoretic and mildly tonic; a useful emmenagogue. It is so acrid that it has been employed not only as a rubefacient, and often as a liniment.



Pennisetum alopecuroides 'Hameln'



Rosmarinus prostratus
Tonic, astringent, diaphoretic, stimulant. Oil of Rosemary has the carminative properties of other volatile oils and is an excellent stomachic and nervine, curing many cases of headache.



Stachys officinalis 'Hummelo'
Stimulant, astringent, tonic and carminative.



Salvia officinalis 'Purpurascens'
Stimulant, astringent, tonic and carminative.



Stipa tenuissima



Trifolium rubens
The fluid extract of Trifolium is used as an alterative and antispasmodic. An infusion may be used in cases of bronchial and whooping-cough. Fomentations and poultices of the herb have been used as local applications to cancerous growths.



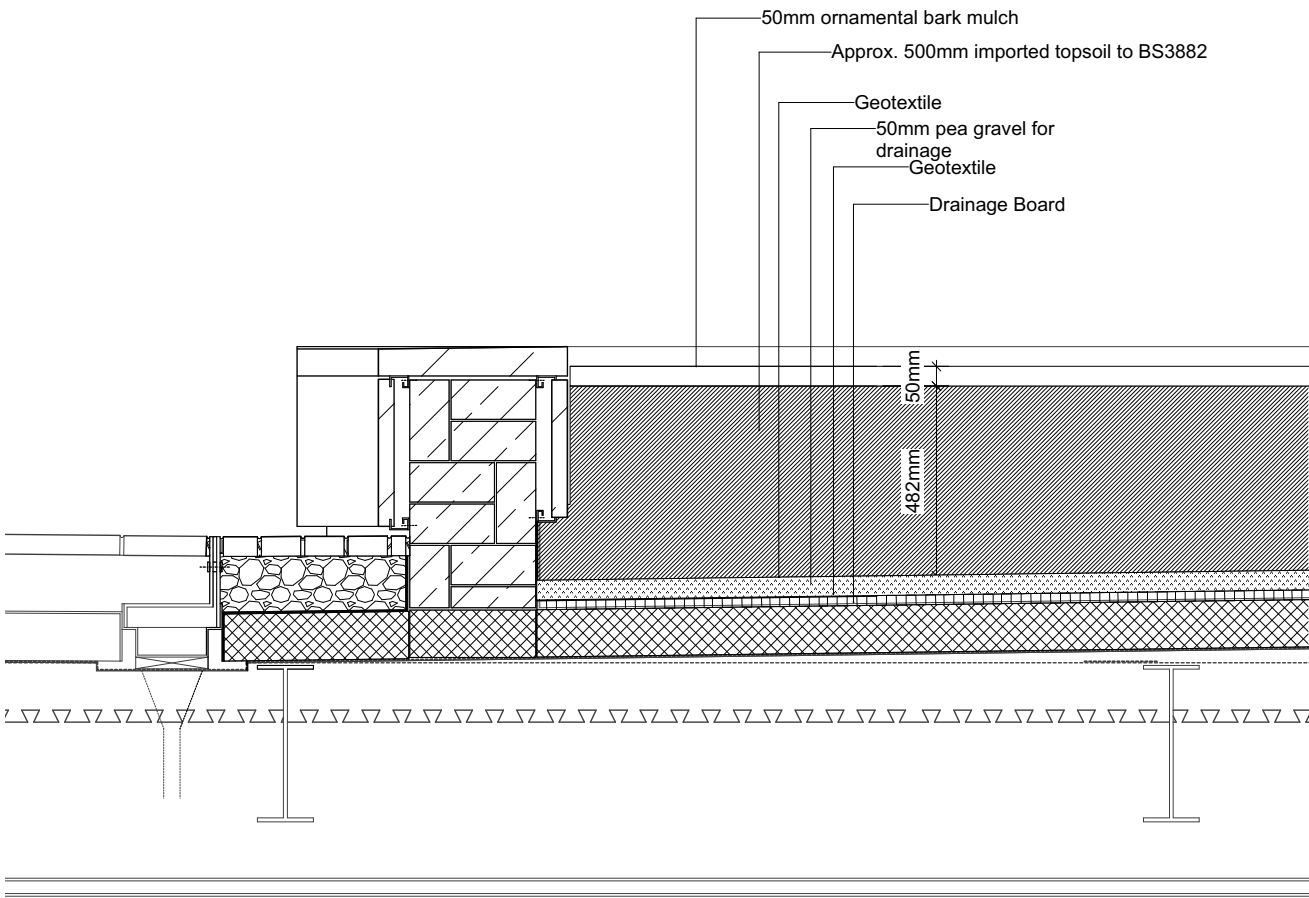
Thymus serpyllum 'Pink Chintz'
It is aromatic, antiseptic, stimulant, antispasmodic, diuretic and emmenagogue.

Summer (June-August)

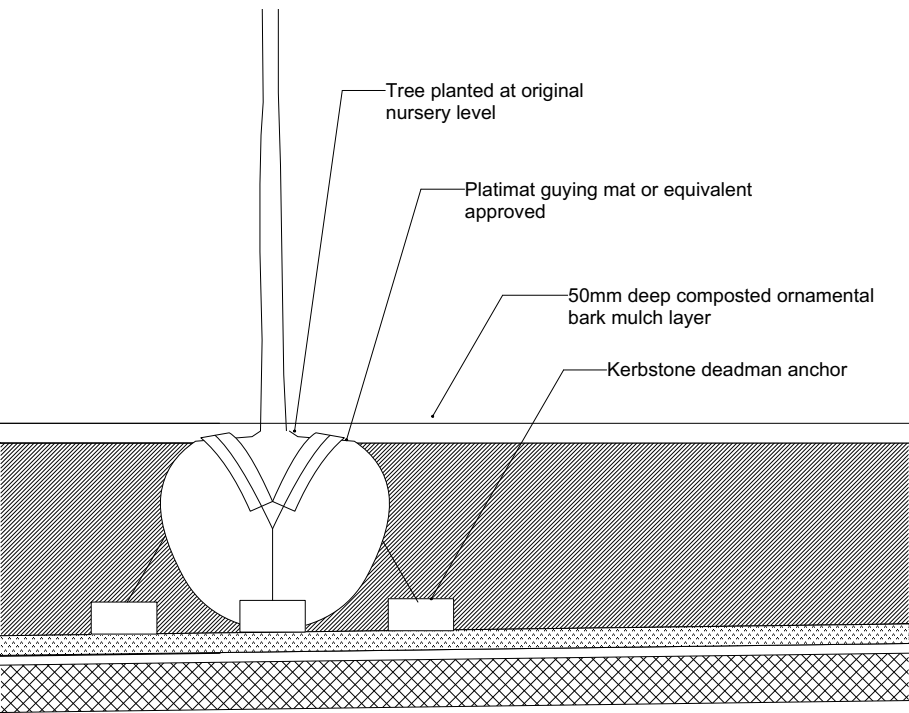
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Detail A - Typical Planter Soils Build-up



Detail B - Tree Anchoring Detail

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Client:

Project:
UCLH Proton Beam Therapy Centre

Drawing Title:
Soft Landscape Details

Phase:
FOR PLANNING

Drawing Number: 172-PL-006	Rev: -	Date: 20.02.11
Drawn by: AF	Scale: 1:100@A1	

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