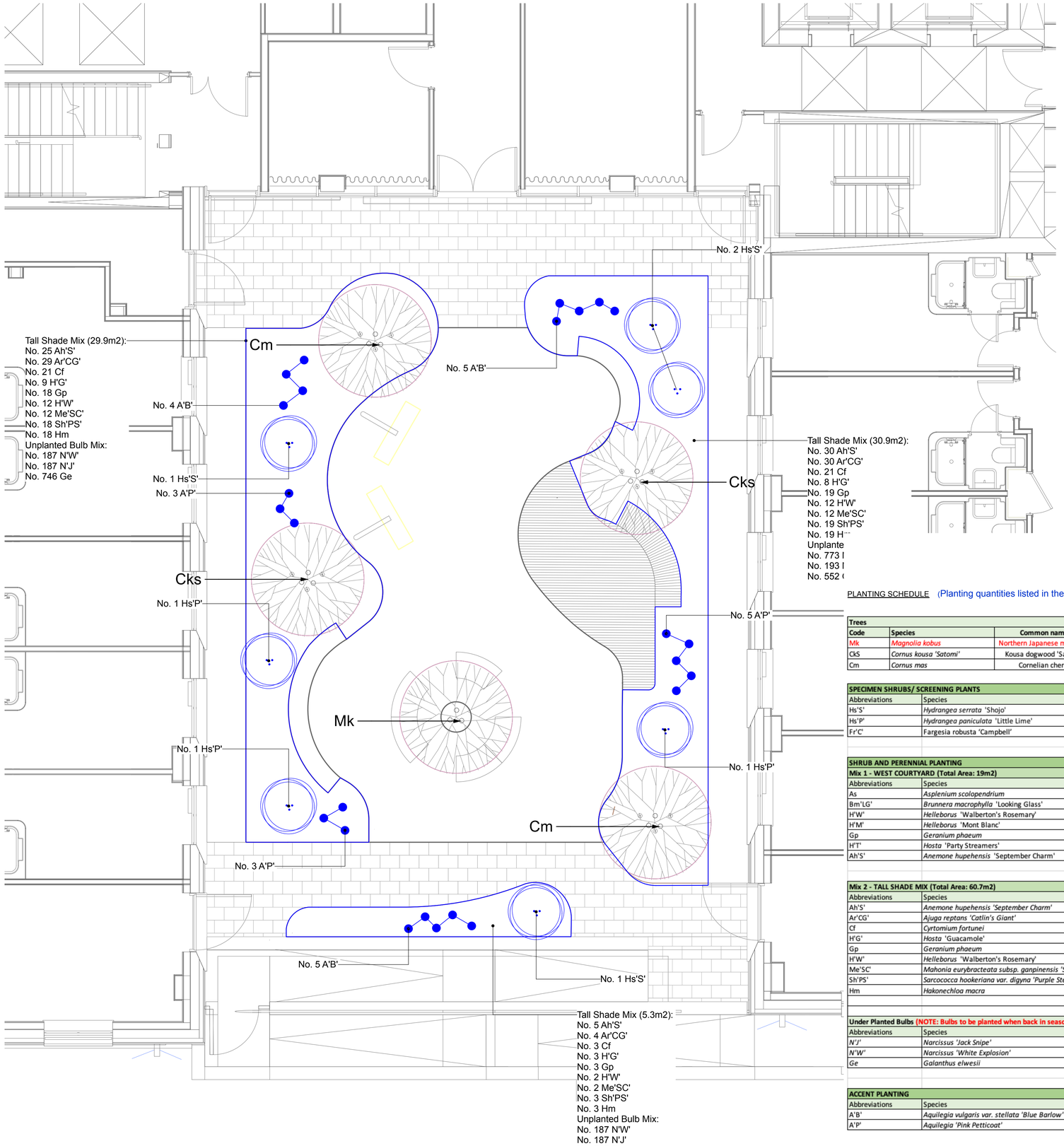


PLANTING NOTES
Plant material to conform to the National Plant Specification. Plant handling and planting operations to be in accordance with Horticultural Trade Association Good Practice. No Plants to be left out of pots for longer than 5mins. All bare root stock to be healed in or kept in wind proof root protection until needed for planting.

Imported top soil to be BS 3882:2007 Top soil, from am approved source, and to accord with the above specification. Grade: Within the parameters of 'sandy loam' textural class. Imported topsoil to be free from:
- injurious or pernicious weeds, e.g. common ragwort, spear thistle, Japanese knotweed, fat hen, cough grass, bindweed, Himalayan balsam and giant hogweed;
- sharps, plastics and non-soil forming materials;
- notifiable animal or plant diseases;

Any approved sample load to be kept on site for comparison purposes. Soil retained on site for re-use to have following characteristics:
- Free of pests and diseases and chemical or biological;contamination.
- Foreign matter: On visual inspection, free of fragments and roots of aggressive weeds, sticks, straw, subsoil, pieces of brick, concrete, glass, wire, large lumps of clay or vegetation, and the like.

Do not use topsoil contaminated with subsoil, rubbish or other deleterious materials.

Subsoil: In areas to receive topsoil or planting media, do not use subsoil contaminated with the above materials.

Give notice: If any evidence or symptoms of soil contamination are discovered on the site or in topsoil or planing media to be imported.

Sanitized and stabilised composted materials certified to PAS 100 for planting beds.

The depth of topsoil spread shall not normally exceed 300mm, Suitable (loosened) subsoil shall provide the remainder of the minimum rooting depth. The minimum rooting depth shall be normally a minimum of 600mm for shrubs and 900 for trees.

TREES
Trees to be planted in accordance to their size, height and species requirements in accordance with Landscape architect's details. Underground guying to be used unless otherwise specified.

No trees are to be planted within 3m of sewers or services (or any other easement recommended by the relevant statutory undertaker) without the use of an appropriate tree root barriers placed between the tree and services.

Contractor to ascertain the location of all the sewers and services prior to tree planting.

Trees to be planted at nursery level.

PLANTING BEDS
Shrubs to be planted in pits 150mm wider and deeper than root spread backfilled with excavated topsoil, and additional topsoil where necessary and compost mixed with an appropriate slow release fertilizer, quantity in accordance with manufacture's recommendations.

All planting beds to be mulched with matured coniferous bark with an even particle size between 10-40mm, to a minimum depth of 50mm over weed free soil after completion of all planting and watering operations. Mulch to be free of pests, diseases, fungus and weeds, and with no fines or dust. Mulch source and sample to be approved and retained on site for comparison purposes.

GENERAL MAINTENANCE NOTES
Maintenance operations to be carried out as specified until planting becomes established (year 5 after completion of planting)

Tree - Check stakes and ties and adjust if necessary in summer and winter. Remove stakes when no longer required, i.e. after 3 years. Prune out damaged branches or deadwood, cutting back so as not to affect branch collar. Progressively raise canopies of new trees to provide clearance for vehicles and pedestrians.

Shrub - Weed control measures to continue until the canopy of shrubs is closed. Weeds to be cleared by hand, with inspections made regularly through the growing season. Prune back any badly damaged shrubs to sound growth.

Cut back plants adjacent to paths and access ways where necessary, retaining a balanced shape. Clear litter and debris from planted areas and cut leggy growth hard back to promote bushy growth.

Leave species with winter interests such as seedheads and ornamental grass until spring.

Watering - In periods of fry weather apply sufficient water to maintain healthy growth. Allow 10L/m2 to planting beds and 50L/tree at each operation.

Refirming - Ensure that all trees and shrubs are firmly bedded in the soil after strong winds, frost heave or other disturbances.

Stakes and Shelters - At every maintenance visit inspect tree stakes, guards and shelters for all stock and effect minor repairs and re-setting such as straightening equipment or replacing damaged shelters and stakes.

Protection/ Reinstatement - Regularly inspect all planting e.g. once a month, for any pest damage or vandalism/ damage by others. Any damage to be reported to the Employer and rectified in the next available planting season by replacement planting or, and protective measures if required.

PLANTING SCHEDULE (Planting quantities listed in the schedule below show the total number for both the East and West courtyards.)

Trees							
Code	**Species**	**Common name**	**Height (cm)**	**Girth (cm)**	**Root zone**	**Specificatoin**	**Number**
Mk	*Magnolia kobus*	Northern Japanese magnolia	500-550	25-30	RB	Semi-mature, clear stem 2.2m	1
CkS	*Cornus kousa 'Satomi'*	Kousa dogwood 'Satomi'	min. 200-250	8-12	RB	Standard, clear stem 1m	4
Cm	*Cornus mas*	Cornelian cherry	min. 200-250	8-12	RB	Standard, clear stem 1m	2

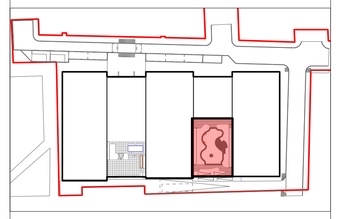
SPECIMEN SHRUBS/ SCREENING PLANTS							
Abbreviations	Species	Common name	Height (cm)	Pot size	Specification	Density	Quantity
Hs'S'	*Hydrangea serrata* 'Shojo'	Mountain hydrangea 'Shojo'	60-80	10L	Branched; min. 10 breaks	Counted	6
Hs'P'	*Hydrangea paniculata* 'Little Lime'	Panicled hydrangea 'Little Lime'	60-80	10L	Branched; min. 10 breaks	Counted	3
Fr'C'	Fargesia robusta 'Campbell'	Fountain Bamboo 'Campbell'	125-150	10L	Several shoots; 10 breaks	Counted	3

SHRUB AND PERENNIAL PLANTING								
Mix 1 - WEST COURTYARD (Total Area: 19m2)								
Abbreviations	Species	Common name	Height (cm)	Pot Size	Specification	Density/ m2	Percentage	Quantity
As	*Asplenium scolopendrium*	Hart's tongue fern	-	5L	Full pot	12	20%	46
Bm'LG'	*Brunnera macrophylla* 'Looking Glass'	Siberian Bugloss 'Looking Glass'	-	3L	Full pot	7	15%	20
H'W'	*Helleborus* 'Walberton's Rosemary'	Christmas Rose 'Walberton's Rosemary'	-	3L	Full pot	5	10%	11
H'M'	*Helleborus* 'Mont Blanc'	Christmas Rose 'Mont Blanc'	-	3L	Full pot	5	8%	12
Gp	*Geranium phaeum*	Geranium phaeum	-	3L	Full pot	9	12%	21
H'T'	*Hosta* 'Party Streamers'	Plantain Lily 'Party Streamers'	-	3L	Full pot	3	20%	11
Ah'S'	*Anemone hupehensis* 'September Charm'	Japanese anemone 'September Charm'	-	3L	Full pot	7	15%	19
						TOTAL	100%	
Mix 2 - TALL SHADE MIX (Total Area: 60.7m2)								
Abbreviations	Species	Common name	Height (cm)	Pot Size	Specification	Density/ m2	Percentage	Quantity
Ah'S'	*Anemone hupehensis 'September Charm'*	Japanese anemone 'September Charm'	-	5L	Full pot	7	12%	60
Ar'CG'	*Ajuga reptans 'Catlin's Giant'*	Bugle 'Catlin's Giant'	-	5L	Full pot	12	8%	63
Cf	*Cyrtomium fortunei*	Fortune's cyrtomium	-	5L	Full pot	4	17%	45
H'G'	*Hosta* 'Guacamole'	Plantain Lily 'Guacamole'	-	5L	Full pot	3	10%	20
Gp	*Geranium phaeum*	Geranium phaeum	-	3L	Full pot	6	10%	40
H'W'	*Helleborus* 'Walberton's Rosemary'	Christmas Rose 'Walberton's Rosemary'	-	3L	Full pot	5	8%	26
Me'SC'	*Mahonia eurybracteata subsp. ganpinensis 'Soft Caress'*	Mahonia 'Soft Caress'	40-60	5L	Bushy; 3 breaks	4	10%	26
Sh'PS'	*Sarcococca hookeriana var. digyna 'Purple Stem'*	Sweet box 'Purple Stem'	30-40	5L	Bushy; min. 6 breaks	4	15%	40
Hm	*Hakonechloa macra*	Japanese Forest Grass	-	3L	Full pot	6	10%	40
						TOTAL	100%	
Under Planted Bulbs (NOTE: Bulbs to be planted when back in season)								
Abbreviations	Species	Common name	Specification	Density/ m2	Percentage	Quantity		
N'J'	*Narcissus 'Jack Snipe'*	Daffodil 'Jack Snipe'	Grade 12/+	25	25%	413		
N'W'	*Narcissus 'White Explosion'*	Daffodil 'White Explosion'	Grade 12/+	25	25%	413		
Ge	*Galanthus elwesii*	Giant snowdrop	Grade 5/6	50	50%	1650		
				TOTAL	100%			
ACCENT PLANTING								
Abbreviations	Species	Common name	Pot Size	Specification	Density	Quantity		
A'B'	*Aquilegia vulgaris var. stellata 'Blue Barlow'*	Columbine 'Blue Barlow'	3L	Full pot	counted	22		
A'P'	*Aquilegia 'Pink Petticoat'*	Columbine 'Pink Petticoat'	3L	Full pot	counted	11		

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NOTES:
1. Do not scale from this drawing.
2. Always work to noted dimensions.
3. All dimensions are in millimetres unless otherwise stated.
4. All setting out, levels and dimensions to be agreed on site.
5. The dimensions of all materials must be checked on site before being laid out.
6. This drawing must be read with the relevant specification clauses and detail drawings.
7. Order of construction and setting out to be agreed on site.

Location Plan nts



Revision	Date	Description	Drawn	Apprvd.
C04	10/03/26	Species swap	YH	YH
C03	26/02/26	Full Construction Issue	EK	RM
C02	06/02/26	Update to comments	YH	YH
C01	03/02/26	Number updates	YH	YH
P02	14/01/26	Stage 4 updates	JD	YH

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Client IQ Student Accommodation

Project Chandos House, Manchester

Drg Title Eastern Courtyard_Detailed Planting

Created on	Created by	Approved by
06/05/2024	YH	RM

Scale	Size	Workstage
1:50	A1	Stage 4/5

Drg No. 63073-PLA-ZZ-ZZ-DR-L-2005
Suitability S4
Revision C04

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