Area 2 Trees

Plant Group	Number	Name	Form	Age	Girth (cm)	Height (cm)	Clear Stem (cm)	Root Type	Container Size	Habit	Min. no. of Breaks		Spacing Type	Comments
Tree	2	Acer rubrum	Standard (Heavy)	3x	12-14	350-425	min 200	RB	50 x 35cm		5	Counted		

Area 2 Bed 1 Planting

Plant Group	Number	Name	Form	Age	Girth (cm)	Height (cm)	Clear Stem (cm)	Root Type	Container Size	Habit	Min. no. of Breaks	Density	Density Type	Comments
Shrub	12	Cornus alba 'Sibirica'				40-60		C	3L	Branched	3	2	m²	
Shrub	30	Lonicera nitida 'Maigrün'				30-40(D)		C	2L	Bushy	3	3	m²	
Shrub	48	Viburnum davidii				20-30		C	2L	Bushy	2	3	m²	

Area 2 Bed 2 Planting

Plant Group	Number	Name	Form	Age	Girth (cm)	Height (cm)	Clear Stem (cm)	Root Type	Container Size	Habit	Min. no. of Breaks	Density	Density Type	Comments
Shrub	30	Cornus alba 'Sibirica'				40-60		C	3L	Branched	3	2	m²	
Shrub	20	Lonicera nitida 'Baggesen's Gold'				30-40		C	3L	Bushy	3	2	m²	
Shrub	60	Lonicera nitida 'Maigrün'				30-40(D)		C	2L	Bushy	3	3	m²	
Shrub	50	Olearia x haastii				20-30		C	2L	Bushy	2	5	m²	
Shrub	150	Pachysandra terminalis				10-15(D)		C	1.5L	Several Shoots	5	5	m²	
Shrub	45	Viburnum davidii				20-30		C	2L	Bushy	2	3	m²	

Area 2 Bed 3 Planting

Plant Group	Number	Name	Form	Age	Girth (cm)	Height (cm)	Clear Stem (cm)	Root Type	Container Size	Habit	Min. no. of Breaks	Density	Density Type	Comments
Shrub	8	Cornus alba 'Sibirica'				40-60		C	3L	Branched	3	2	m²	
Shrub	24	Lonicera nitida 'Maigrün'				30-40(D)		C	2L	Bushy	3	3	m²	
Shrub	36	Viburnum davidii				20-30		C	2L	Bushy	2	3	m²	

Area 2 Bed 4 Planting

Plant Group	Number	Name	Form	Age	Girth (cm)	Height (cm)	Clear Stem (cm)	Root Type	Container Size	Habit	Min. no. of Breaks	Density	Density Type	Comments
Shrub	6	Cornus alba 'Sibirica'				40-60		C	3L	Branched	3	2	m²	
Shrub	21	Lonicera nitida 'Maigrün'				30-40(D)		C	2L	Bushy	3	3	m²	
Shrub	30	Viburnum davidii				20-30		C	2L	Bushy	2	3	m²	

Area 3 Trees

Plant Group	Number	Name	Form	Age	Girth (cm)	Height (cm)	Clear Stem (cm)	Root Type	Container Size	Habit	Min. no. of Breaks		Spacing Type	Comments
Tree	4	Acer rubrum	Standard (Heavy)	3x	12-14	350-425	min 200	RB	50 x 35cm		5	Counted		
Tree	5	Alnus glutinosa	Standard (Heavy)	3x	12-14	350-425	min 200	RB	50 x 35cm		5	Counted		
Tree	7	Betula pendula	Standard (Heavy)	3x	12-14	350-425	175-200	RB	50 x 35cm		5	Counted		
Conifer	5	Pinus sylvestris		4x		175-200		RB		Leader with Laterals		Counted		Feathered to base
Tree	3	Quercus robur	Standard (Heavy)	3x	12-14	350-425	175-200	RB	50 x 35cm		5	Counted		

Area 3 Instant Hedge

Plant Group	Number	Name	Form	Age	Girth (cm)	Height (cm)	Clear Stem (cm)	Root Type	Container Size	Habit	Min. no. of Breaks		Spacing Type	Comments
Shrub	105	Prunus laurocerasus 'Rotundifolia'	Hedging			140-160		C	53L			Counted		Wyevale instant hedging; 30-40cm wide x 100cm long; clipped

Area 4 Trees

Plant Group	Number	Name	Form	Age	Girth (cm)	Height (cm)	Clear Stem (cm)	Root Type	Container Size	Habit	Min. no. of Breaks		Spacing Type	Comments
Tree	6	Tilia cordata 'Rancho'	Standard (Heavy)	3x	12-14	350-425	175-200	RB	50 x 35cm		5	Counted		

Area 4 Hedge

Plant Group	Number	Name	Form	Age	Girth (cm)	Height (cm)	Clear Stem (cm)	Root Type	Container Size	Habit	Min. no. of Breaks	Density	Spacing Type	Comments
Tree	400	Fagus sylvatica	Transplant - seed raised	1+2		80-100		B				5	/ m	

Area 4 Bed 1 Planting

Plant Group	Number	Name	Form	Age	Girth (cm)	Height (cm)	Clear Stem (cm)	Root Type	Container Size	Habit	Min. no. of Breaks	Density	Density Type	Comments
Shrub	260	Lonicera nitida 'Maigrün'				30-40(D)		C	2L	Bushy	3	2.5	m²	

Area 5 Bed 1 Planting

Plant Group	Number	Name	Form	Age	Girth (cm)	Height (cm)	Clear Stem (cm)	Root Type	Container Size	Habit	Min. no. of Breaks	Density	Density Type	Comments
Shrub	10	Cornus alba 'Sibirica'				40-60		C	3L	Branched	3	2	m²	
Shrub	27	Lonicera nitida 'Maigrün'				30-40(D)		C	2L	Bushy	3	3	m²	
Shrub	36	Viburnum davidii				20-30		C	2L	Bushy	2	3	m²	

Boundary Planting - Trees

Plant Group	Number	Name	Form	Age	Girth (cm)	Height (cm)	Clear Stem (cm)	Root Type	Container Size	Habit	Min. no. of Breaks		Spacing Type	Comments
Tree	2	Alnus glutinosa	Standard (Heavy)	3x	12-14	350-425	min 200	RB	50 x 35cm		5	Counted		
Tree	13	Betula pubescens	Standard (Selected)		10-12	300-350	175-200	C	35-45L		4	Counted		
Conifer	7	Pinus sylvestris		4x		175-200		RB		Leader with Laterals		Counted		Feathered to base
Tree	4	Prunus avium 'Plena'	Standard (Heavy)	3x	12-14	350-425	175-200	RB	50 x 35cm		5	Counted		
Tree	3	Quercus robur	Standard (Selected)	2x	10-12	300-350	175-200	RB	50 x 35cm		4	Counted		

Boundary Planting - understorey

Mix %	Number	Name	Form	Age	Girth (cm)	Height (cm)	Clear Stem (cm)	Root Type	Container Size	Habit	Min. no. of Breaks	Density	Density Type	Comments
10.00	99	Acer campestre	Transplant - seed raised	1+1		60-80		B				1	m²	
15.00	148	Cornus sanguinea	Transplant - seed raised	1+1		60-80		B		Branched	3	1	m²	
15.00	148	Corylus avellana	Transplant - seed raised	1+2		60-80		B		Branched	3	1	m²	
20.00	197	Crataegus monogyna	Transplant - seed raised	1+1		60-80		B				1	m²	
10.00	99	Ilex aquifolium				60-80		C	3L	Leader with Laterals		1	m²	
20.00	197	Prunus spinosa	Transplant - seed raised	1+1		60-80		B		Branched	2	1	m²	
10.00	99	Rosa canina	Transplant - seed raised	1+1		60-80		B		Branched	3	1	m²	

KEY:

B	= Bare-rooted and bagged
C	= Container
(D)	= diameter or spread
L	= Container size in litres
RB	= Root-balled
1+1	= 2 year seedling transplanted after the first year
1+2	= 3 year seedling transplanted after the first year
2x	= Number of times transplanted e.g. twice
50 x 35cm	= diameter x height guide to root-ball size within column 'Container Size'. Root-ball sizes can vary in size depending on preparation methods, type of soil and lifting machine

PREPARATION AND PLANTING
All areas to be planted are to receive a minimum depth of 450mm preimium quality of topsoil material, either imported or site won topsoil.
Tree pits, 450mm depth of topsoil above 450mm depth of subsil, with 150mm drainage layer
Grass seeded areas 150mm depth of topsoil, create a fine friable seedbed.

ALL IMPORTED TOPSOIL TO BS3882.
Ameliorants: Sanitized and stabilized composted materials.
Permitted materials: Composted green/ food waste certified to PAS 100. Declaration of compliance in accordance with BS EN 13650: Required.
Not permitted: Peat of products containing peat.
Tree pits and planting beds to be mulched to a depth of 75mm above topsoil.
Time of year for planting
- Deciduous trees and shrubs: Late October to late March.
- Herbaceous plants (including marginal): September/ October or March/ April.
- Container grown plants: At any time if ground and weather conditions are favourable

Watering and weed control: Provide as necessary to aid establishment.

SHRUB PLANTING PITS
- Timing: Excavate 1-2 days (maximum) before planting.
- Sizes: Wide enough to accommodate roots when fully spread and 75 mm deeper than root system.
- Pit bottom improvement: Break up to a depth of 150 mm, incorporating soil ameliorant/ conditioner at 50 g/m².

TREE PITS IN SOFT LANDSCAPE
- Sloping ground: Maintain horizontal bases and vertical sides with no less than minimum depth throughout.
- Excavated material: Separate topsoil and subsoil material and stockpile for backfilling.
- Pit bottoms: Excavate with slightly raised centre: Break up base to a depth of 200mm.
 - Treatment: Gravel drainage layer.
- Pit sides: Scarify.
- Backfilling material: 1:3 mixture of compost and topsoil.

MULTI STAKE TREE SUPPORT
- Stakes: 3 No. softwood peeled chestnut or larch, free from projections or large knots, 100mm dia. 0.8m above ground and 1.0m below, with spacer sleeves between the stem and top of stakes.
- Preservative treatment to stakes: Pressure impregnated.
- Tree ties:

Manufacturer: Toms Tree Ties.
 - Product reference: Strapping and spacer sleeves for multi stake tree support.
- Size: 300 x 38mm long plastic sleeve for use with 37.5mm belt
- Installation: Ensure tree is positioned correctly and vertically prior to adjusting the belt

GRASS SEED
Low Maintenance hard wearing perennial ryegrass-based mix. Such as Germinal Amenity A22 Low maintenance mix or similar
www.germinalamenity.com
Sowing time: March - October
Sowing rate 50g/m2
Sowing depth 10mm
Over seeding rate 20g/m2
Apply a fertiliser to the seed bed as per such as Agrosil LR or simialr approved.
Sow as per suppliers instructions

Mark	Date	Details	By
P3	12/07/2022	Area 7 omitted	ML
P2	10/11/2021	Schedule numbers updated inline with plan drawings	LMB
P1	22/04/2021	Issued for information	AO

REVISIONS

Health Board:
CWM TAF MORGANNWG UHB
Prince Charles Hospital
Merthyr Tydfil
Mid Glamorgan
CF47 9DT

Supply Chain Partner:
TILBURY DOUGLAS
138 HEOL-Y-GORS
CWMBWRLA
SWANSEA
SA5 8LT

Project Title:
Prince Charles Hospital Refurbishment
Prince Charles Hospital, Gurnos, Merthyr Tydfil. CF47 9DT.

Scale: 1 : 1 — for the original size of A1

Drawn By:	Checked By:	Passed By:	Date:
AO	ML	MUH	12/07/2022

Drawing Status:
S2 - Fit For Information

Drawing Originator:
HLM Architects

© HLMArchitects
Suite 104
The Creative Quarter
Morgan Arcade
The Hayes
Cardiff CF10 1AF
www.hlmarchitects.com
T. +44 (0) 29 2039 6070
F. +44 (0) 29 2039 6080
cardiff@hlmarchitects.com

Drawing Title:
CAR PARKS AREAS 2 to 7
PLANTING SCHEDULE - SHEET 6 OF 6

Job No:	Drawing No: Project	Origin.	Volume	Level	Type	Discip	Number	Revision:
5005	P003	HLM	V00	XX	DR	A	900006	P3

Do NOT scale this drawing
Refer to Architects for details of current building layouts

Phase: All
Section: -

12/07/2022 13:16:40 - BIM 360://5005 - Prince Charles Hospital Phase 2/5005-HLM-V00-XX-M3-A-900006 - Master Plan.rvt