

Drawing LA2

Drawing LA4

Drawing LA8

Drawing LA7

Inset A

Drawing LA3

Drawing LA5

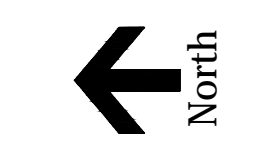
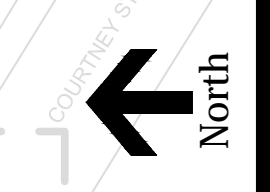
River Usk (Afon Wysg)

Drawing LA6

Refer to Inset A

Drawing LA7

Drawing LA8



## Outline specification

**Ground Preparation:**  
Protection of existing woodland, trees and hedges against damage to be in accordance with the BS 5837:2012 - Trees in relation to design, demolition and construction - Recommendations. Protective fence to be approved.

Excavations to B.S. 8000 part 1:1989. Excavated material removed off-site; good quality subsoil/topsoil stored on-site for re-use.

Landscape planting areas to have a minimum depth of soil of 500mm and grass areas will have 300mm. Loosen formation level with single line ripper, driven 450mm deep at 1m centres, when ground conditions are dry.

Supply approved imported subsoil to B.S. 3882:1994 - Economy Grade to make up any deficiency in on-site subsoil. Spread and level to depth of: 200mm for planting areas 200mm for grass areas

Supply approved imported topsoil to B.S. 3882:2007 - Multipurpose topsoil to make up for any deficiency in on-site topsoil. Spread and level to depth of: 300mm for planting areas 100mm for grass areas

Excavate planting pits to the following dimensions:  
Feathered Trees: 500 x 500 x 500mm depth  
Heavy/Extra Heavy Standard Trees: 1200 x 1200 x 700mm depth  
Shrubs: 300 x 300 x 300mm depth

Backfill tree pits with 100/300mm depth subsoil and 400mm topsoil including Melcourt Topgrow peat free planting compost or similar approved at a rate of 0.125m<sup>3</sup>/pit.

Backfill shrub pits with topsoil including Melcourt Topgrow peat free planting compost or similar approved at a rate of 1.0m<sup>3</sup>/20m<sup>3</sup>.

Cultivate all landscape areas to a loose and friable tilth suitable for grass seeding or planting. Collect and remove from site all stones, builders' rubble and other deleterious material over 50mm in any dimension.

**General grass areas:**  
Supply and spread pre-seeding N:P:K fertiliser (10:15:10) at a rate of 30g/m<sup>2</sup>.  
Grass areas to be sown at a rate of 35g/m<sup>2</sup> with a suitable grass seed mix such as British Seed Houses, mixture A19. Initial grass cutting and edge trimming down to 50mm

**Species rich grass:**  
No fertiliser to be spread on species rich grass areas. Species rich grass areas to be sown at a rate of 5.0g/m<sup>2</sup> with a suitable seed mixture such as British Seed Houses, mixture 'RE1 Traditional Hay Meadow'.

**Wildflowers:**  
No fertiliser to be spread on wildflower areas. Wildflower areas to be sown at a rate of 5.0g/m<sup>2</sup> with a suitable wildflower mix for wetland areas, such as British Seed Houses mixture 'WFG9 Wetland and Pond Areas'.

**Planting Areas:**  
Plant specification to be in accordance with the HTA National Plant Specification: 03/02

Supply and plant, incorporating slow release fertiliser N:P:K - 4:19:10 ENMAG or similar approved at the following rates:  
Feathered Trees: 100g / tree pit  
Heavy/Extra Heavy Standard Trees: 130g / tree pit  
Shrubs: 70g / m<sup>2</sup>

Provide and fix tree stakes and ties to the following dimensions:  
Feathered Trees: overall length 1250mm; height above ground: 600mm  
Heavy/Extra Heavy Standard Trees: overall length 1500; height above ground: 750mm

Provide and spread evenly over all planting areas an organic graded bark flakes or similar approved bark mulch to a depth of 50mm.

**Maintenance:**  
All landscape areas to be maintained in accordance with B.S. 7370 Part 3:1991 and Part 4:1993; including weed control, and adjustment to tree stakes and ties.





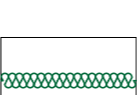

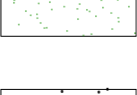
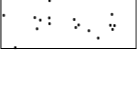


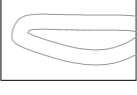
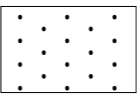
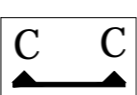
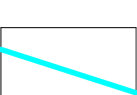

**General Notes:**  
Exact location of trees to be determined subject to location of services and utilities.

Trees shall not be planted closer to buildings than shown on the drawing (minimum 4.0m).

Substitutions, if made, should be similar in size, form and water demand

Plants shall be arranged to avoid straight lines and geometric patterns.

## Key

-  Multi-stem tree planting
-  Single-stem tree planting
-  Shrub planting
-  Specimens
-  Hedge/grass as hedge
-  General grass areas
-  Species rich grass
-  Wildflowers
-  Standing water
-  Earthworks
-  Reeds
-  Section marker. Refer to drawing LA8.
-  Phase 1 boundary. Refer to drawing TDA.2283.01 Detailed Soft Landscape Proposals for landscape layout
-  Site boundary
-  Easement

## Plant schedule

Trees		Height	Specification	Density
8 No.	Quercus robur	450-500cm	Extra Heavy Standard :3x :RB	Counted
8 No.	Betula nigra	300-350cm	Feather :7 brks :3x :RB	Counted
18 No.	Betula pendula	min. 450cm	Multi-Stemmed :3 Stems :C :75L	Counted
25 No.	Acer platanoides 'Columnare'	400-450cm	Extra Heavy Standard :5 brks :3x :RB	Counted
8 No.	Pyrus calleryana 'Chanticleer'	min. 450cm	Extra Heavy Standard :Clear Stem min. 200 :3x :RB	Counted
2 No.	Acer campestre	450-500cm	Extra Heavy Standard :3x :RB	Counted
1 No.	Betula pendula	200-250cm	Feather :Feather :5 brks :2x :B	Counted

Refer to drawings A102732 LA2-LA8 for shrub planting details

REV	DESCRIPTION	BY	CHK	APP	DATE
E	Updated to include bin stores and cycle parking and new balconies, to drawing 307304/1006	MP	LM	LM	28.03.18

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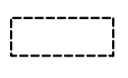






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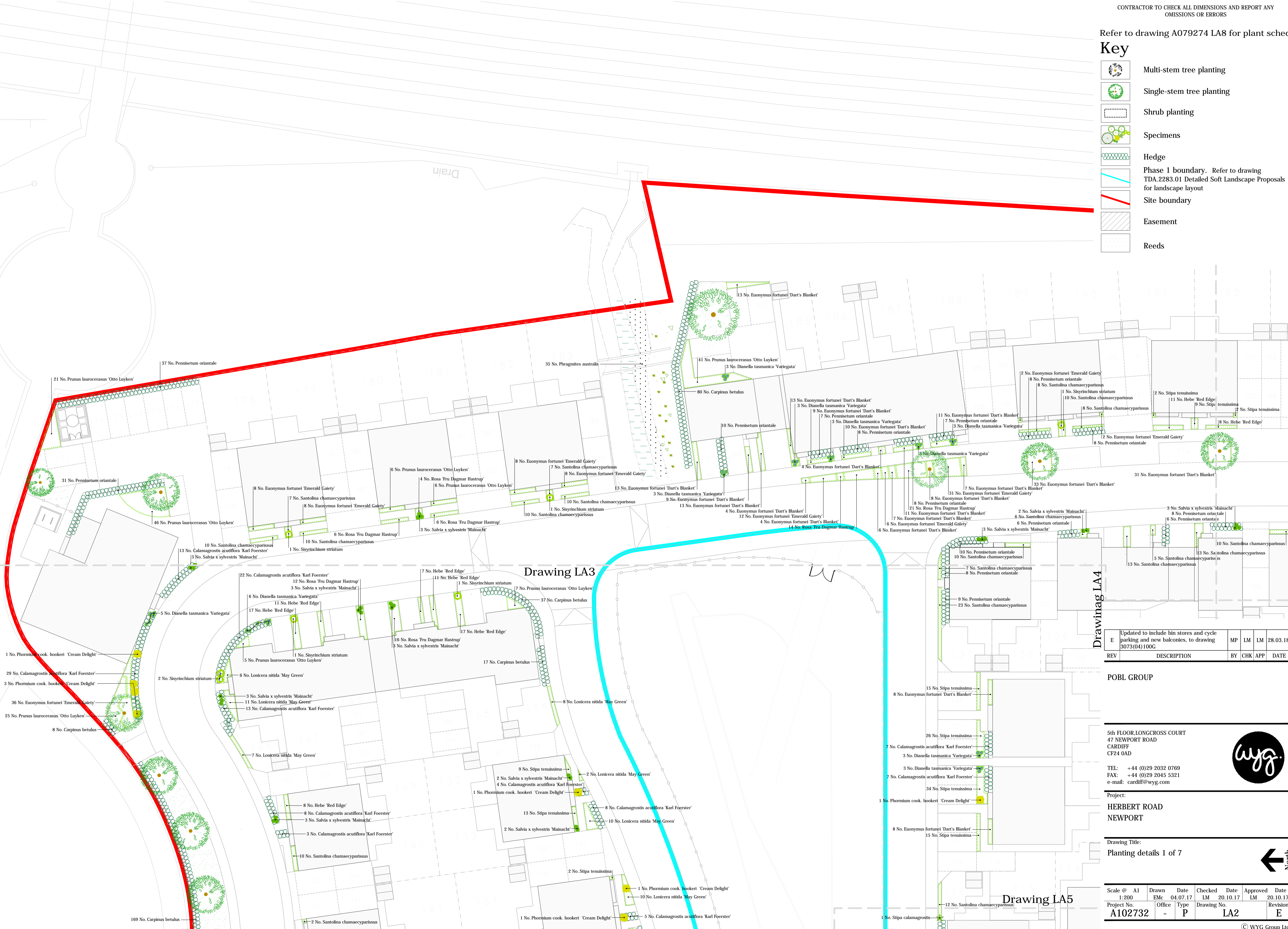
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Project No.	Office	Type	Drawing No.	Revision			
A102732	-	P	LA1	E			

Refer to drawing A079274 LA8 for plant schedule

### Key

-  Multi-stem tree planting
-  Single-stem tree planting
-  Shrub planting
-  Specimens
-  Hedge
-  Phase 1 boundary. Refer to drawing TDA.2283.01 Detailed Soft Landscape Proposals for landscape layout
-  Site boundary
-  Easement
-  Reeds



REV	DESCRIPTION	BY	CHR	APP	DATE
E	Updated to include bin stores and cycle parking and new balconies, to drawing 3073(04)100G	MP	LM	LM	28.03.18

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Drawing Title:  
Planting details 1 of 7



Scale @ A1	Drawn	Date	Checked	Date	Approved	Date
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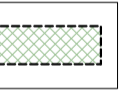

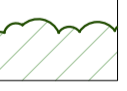
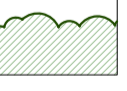


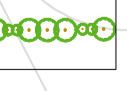
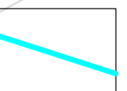
CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY OMISSIONS OR ERRORS

Drawing LA4

Drawing LA2

Drawing LA5

**Key**

-  Multi-stem tree planting
-  Single-stem tree planting
-  Shrub planting
-  Specimens
-  Native scrub mix
-  Native shrub planting: single species
-  Hedge
-  Climber
-  Row of native plants along the River Usk. Refer to Detail 2 on drawing LA8 for arrangement
-  Phase 1 boundary. Refer to drawing TDA.2283.01 Detailed Soft Landscape Proposals for landscape layout

Refer to drawing A102732 LA8 for plant schedule

E	Updated to include bin stores and cycle parking and new balconies, to drawing 3073(04)100G	MP	LM	LM	28.03.18
REV	DESCRIPTION	BY	CHK	APP	DATE

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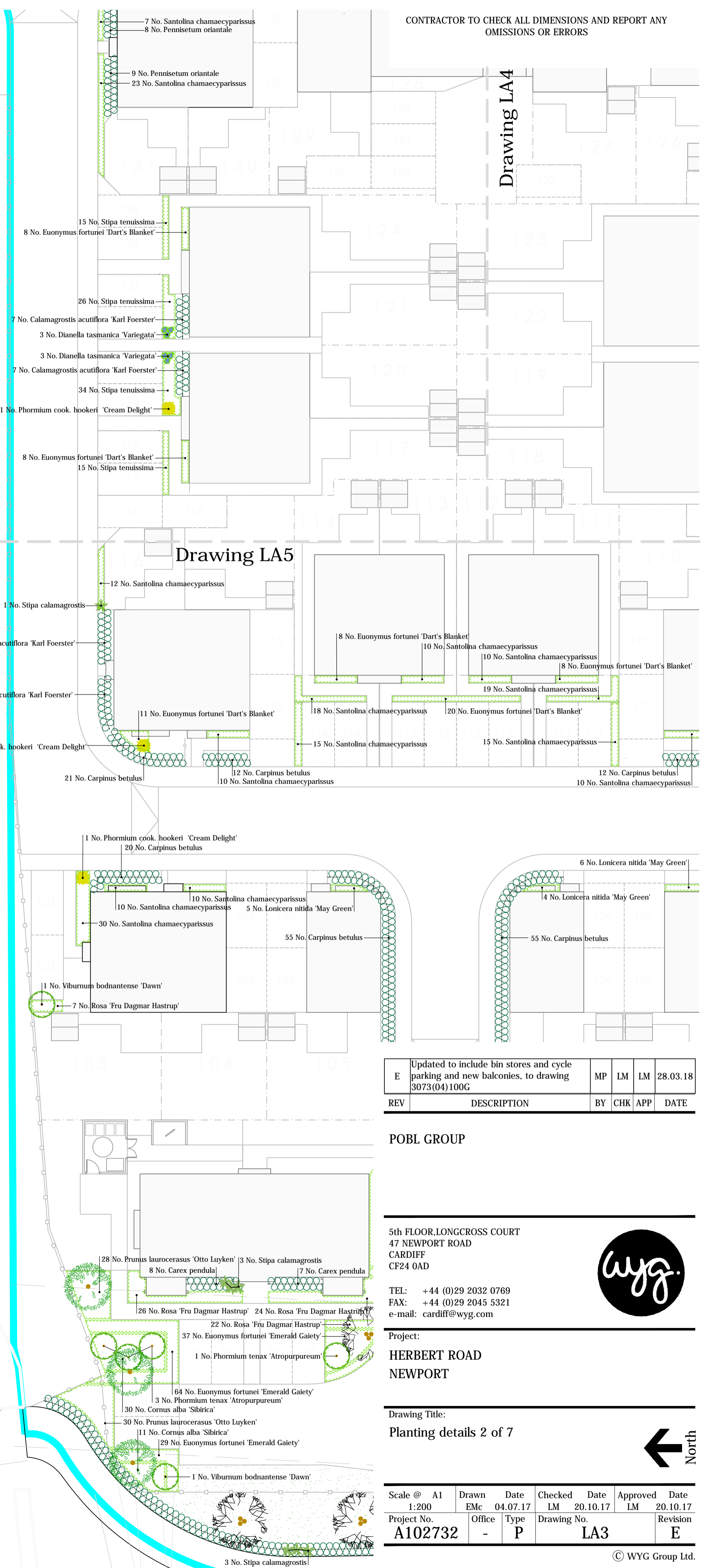
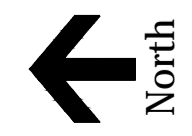
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Drawing Title:  
Planting details 2 of 7

Scale @ A1	Drawn	Date	Checked	Date	Approved	Date
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Project No.	Office	Type	Drawing No.	Revision		
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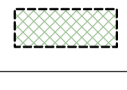
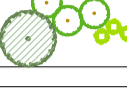
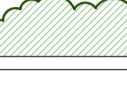









Drawing LA4

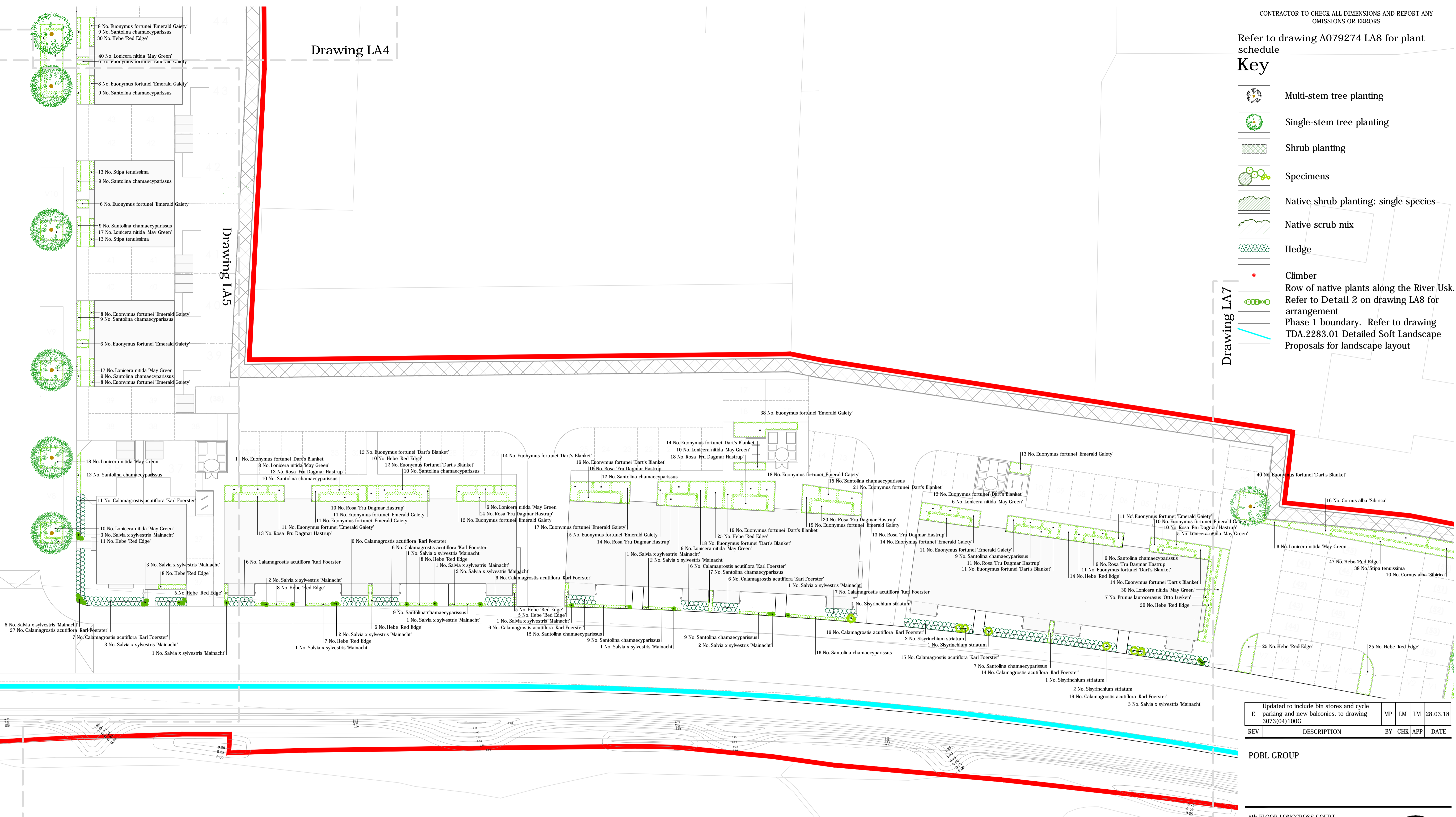
Refer to drawing A079274 LA8 for plant schedule

Key

-  Multi-stem tree planting
-  Single-stem tree planting
-  Shrub planting
-  Specimens
-  Native shrub planting: single species
-  Native scrub mix
-  Hedge
-  Climber
-  Row of native plants along the River Usk. Refer to Detail 2 on drawing LA8 for arrangement
-  Phase 1 boundary. Refer to drawing TDA.2283.01 Detailed Soft Landscape Proposals for landscape layout

Drawing LA5

Drawing LA7



REV	DESCRIPTION	BY	CHR	APP	DATE
E	Updated to include bin stores and cycle parking and new balconies, to drawing 3073(04)100G	MP	LM	LM	28.03.18

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Drawing Title:  
**Planting details 5 of 7**



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Project No.	Office	Type	Drawing No.	Revision			
A102732	-	P	LA6	E			

Refer to drawing A079274 LA8 for plant schedule

**Key**

-  Multi-stem tree planting
-  Single-stem tree planting
-  Shrub planting
-  Specimens
-  Hedge
-  Phase 1 boundary. Refer to drawing TDA.2283.01 Detailed Soft Landscape Proposals for landscape layout
-  Site boundary
-  Easement
-  Reeds



E	Updated to include bin stores and cycle parking and new balconies, to drawing 3073(04)100G	MP	LM	LM	28.03.18
REV	DESCRIPTION	BY	CHR	APP	DATE

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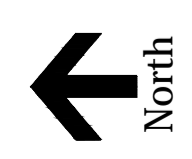
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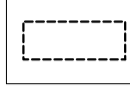
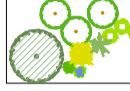
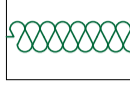
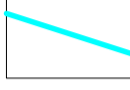
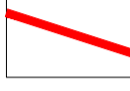


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**HERBERT ROAD  
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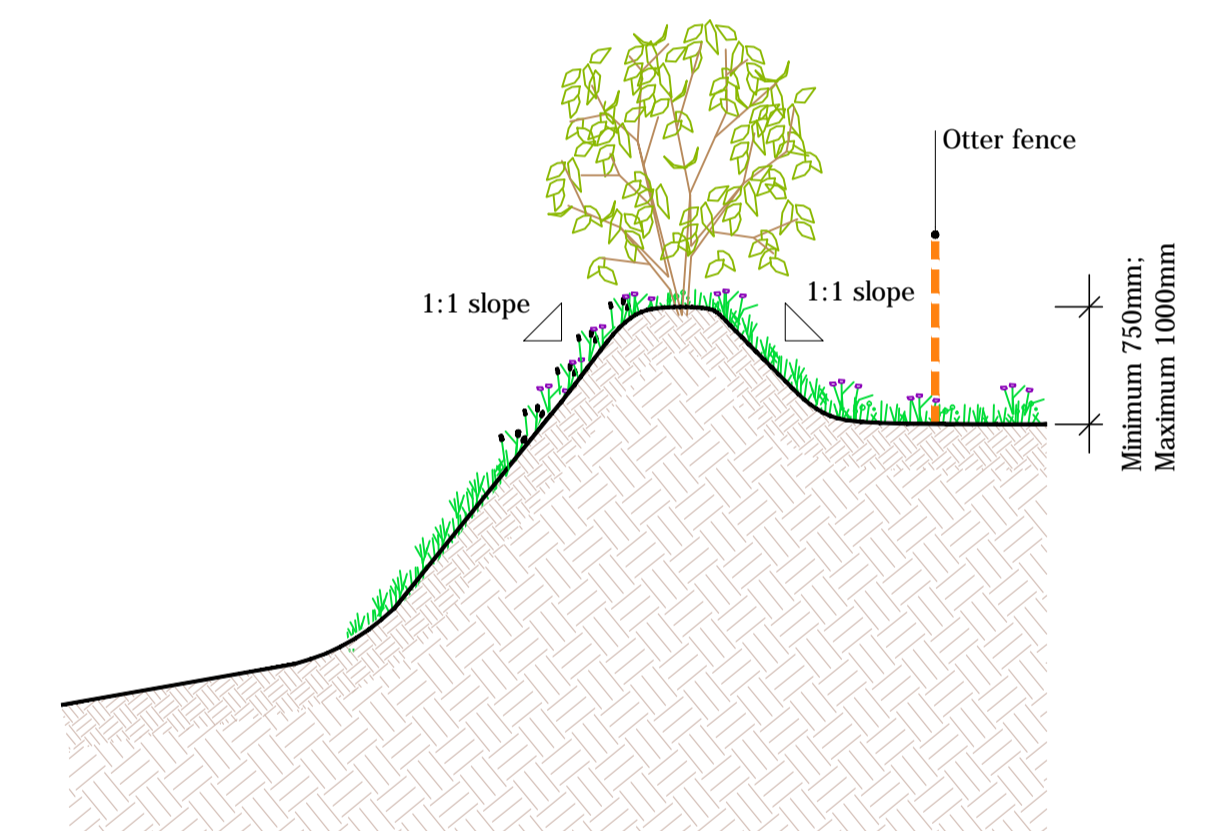
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**Planting details 6 of 7**



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Project No.	Office	Type	Drawing No.	Revision			
<b>A102372</b>	-	P	<b>LA7</b>	<b>E</b>			

### Key

-  Multi-stem tree planting
-  Single-stem tree planting
-  Shrub planting
-  Specimens
-  Hedge
-  Phase 1 boundary. Refer to drawing TDA.2283.01 Detailed Soft Landscape Proposals for landscape layout
-  Site boundary
-  Easement
-  Reeds



Typical cross-section C-C 1:50 scale

### Plant schedule

Shrubs				
Number	Species	Height	Specification	Density
837 No.	Lonicera nitida 'May Green'	30-40cm	Bushy :6 brks :C	0.6Ctr
205 No.	Spiraea japonica 'Anthony Waterer'	40-60cm	Branched :7 brks :C	0.6Ctr
571 No.	Prunus laurocerasus 'Otto Luyken'	40-60cm	Bushy :5 brks :C	0.6Ctr
608 No.	Hebe 'Red Edge'	30-40cm	Bushy :5 brks :C	0.5Ctr
589 No.	Rosa 'Fru Dagmar Hastrup'		Qual A :Bush :C	0.6Ctr
717 No.	Euonymus fortunei 'Emerald Gaiety'	20-30cm	Bushy :7 brks :C	0.5Ctr
1124 No.	Euonymus fortunei 'Dart's Blanket'	30-40cm	Bushy :5 brks :C	0.5Ctr
712 No.	Santolina chamaecyparissus	20-30cm	Bushy :7 brks :C	0.45Ctr
14 No.	Phormium tenax 'Atropurpureum'		Triple crown :C	Counted
24 No.	Phormium cook. hookeri 'Cream Delight'		Triple crown :C	Counted
144 No.	Cornus alba 'Sibirica'	40-60cm	Branched :4 brks :C	0.7Ctr
1012 No.	Carpinus betulus	125-150cm	Feathered :2 brks :2x :B	0.6Ctr Double Staggered at 0.3m offset
5 No.	Viburnum bodnantense 'Dawn'	60-80cm	Branched :3 brks :C	Counted

Herbaceous			
Number	Species	Specification	Density
35 No.	Sisyrinchium striatum	C	Counted
114 No.	Salvia x sylvestris 'Mainacht'	C	Counted
66 No.	Dianella tasmanica 'Variegata'	C	Counted
198 No.	Libertia formosa	C	0.4Ctr

Grasses			
Number	Species	Specification	Density
741 No.	Calamagrostis acutiflora 'Karl Foerster'	C	0.5Ctr
1391 No.	Stipa tenuissima	Full Pot	0.4Ctr
358 No.	Pennisetum orientale	C	0.5Ctr
239 No.	Carex pendula	C	0.6Ctr
19 No.	Stipa calamagrostis	C	Counted
35 No.	Phragmites australis		1Ctr

REV	DESCRIPTION	BY	CHK	APP	DATE
E	Updated to include bin stores and cycle parking and new balconies, to drawing 3073(04)100G	MP	LM	LM	28.03.18

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**Planting details 7 of 7**

Scale	Drawn	Date	Checked	Date	Approved	Date
1:200	EMc	04.07.17	LM	20.10.17	LM	20.10.17
Project No.	Office	Type	Drawing No.	Revision		
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