



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 0.125m³/pit.

Backfill shrub pits with topsoil including Melcourt Topgrow peat free planting compost or similar approved at a rate of 1.0m³/20m³.

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/m². Grass areas to be sown at a rate of 35g/m² 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/m² 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/m² 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 / m²

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
- Phase 1 boundary. Refer to drawing TDA.2283.01 Detailed Soft Landscape Proposals for landscape layout
- Site boundary
- Easement

Plant schedule

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

Refer to drawings A102732 LA2-LA8 for shrub planting details

REV	DESCRIPTION	BY	CHK	APP	DATE
F	Landscape plans updated as per dwg no. 3073(04)100N Site layout	MM	LB	LB	20.07.18
E	Updated to include bin stores and cycle parking and new balconies, to drawing 3073(04)100E	MP	LM	LM	28.03.18

POBL GROUP

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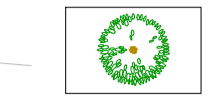

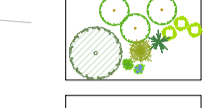
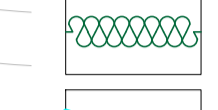
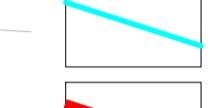



Project:
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Drawing Title:
Landscape Layout

Scale @ AO	Drawn	Date	Checked	Date	Approved	Date
1:500	EMC/MP	12.12.17	LM	13.12.17	LM	20.11.13
Project No.	Office	Type	Drawing No.	Revision		
A102732	-	P	LA1	F		

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



F	Landscape plans updated as per dwg no. 3073(04)100N Site Layout	MM	LB	LB	20.07.18
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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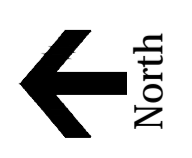
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Project:
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Drawing Title:
Planting details 1 of 7



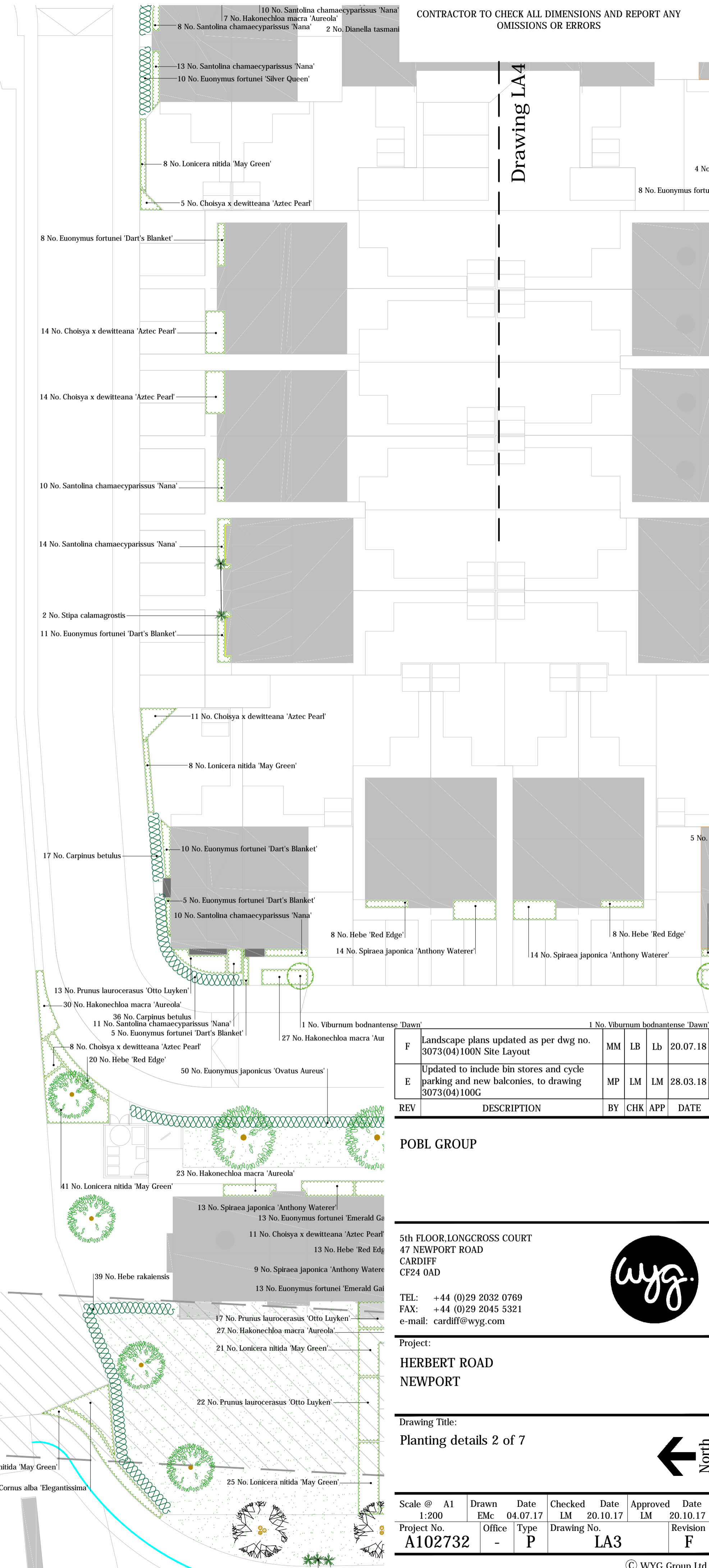
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A102732	-	P	LA2	F			



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

Refer to drawing A102732 LA8 for plant schedule



CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY OMISSIONS OR ERRORS

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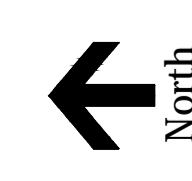
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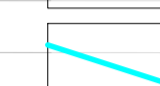



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Planting details 2 of 7

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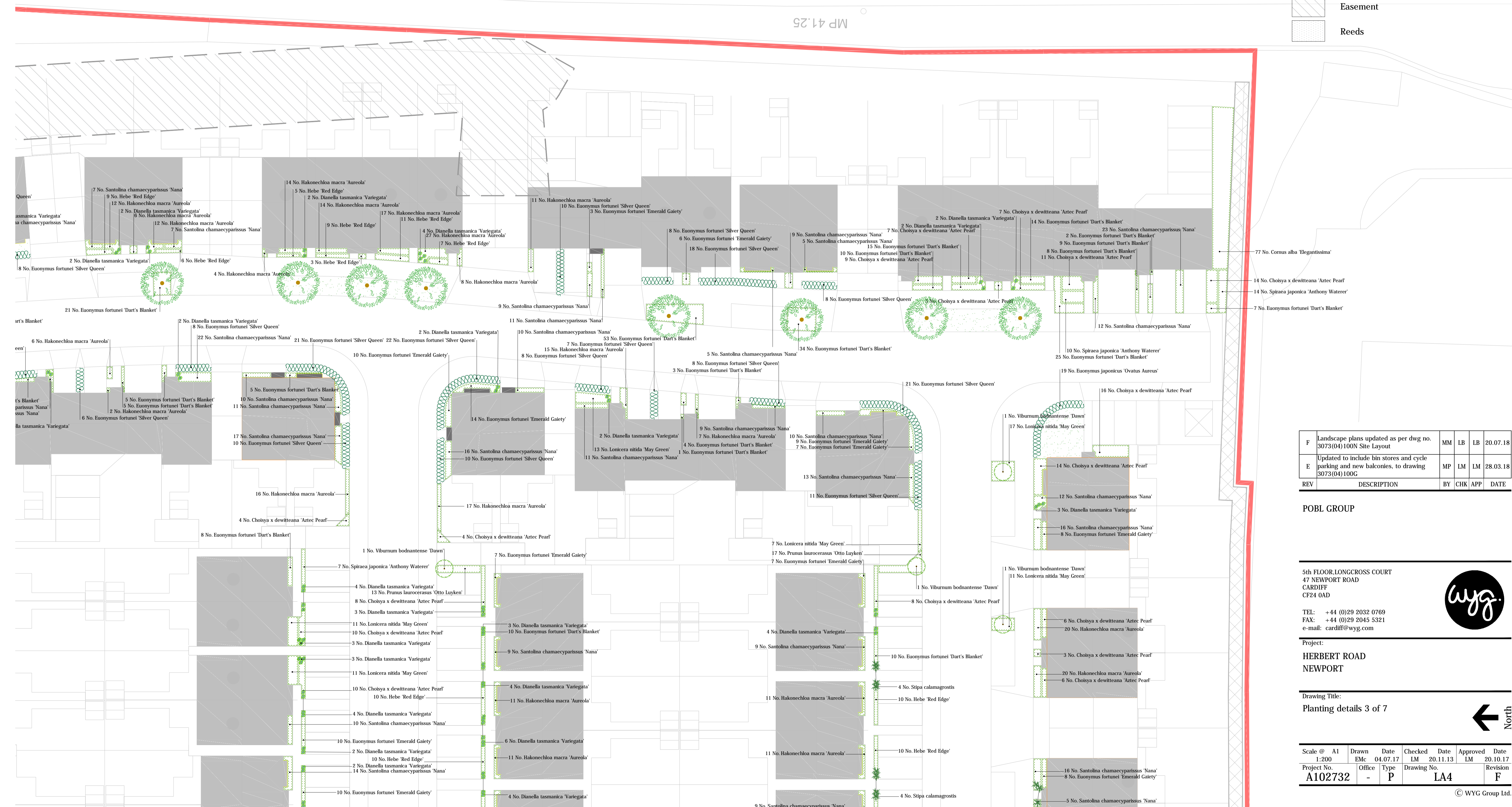


Refer to drawing A102732 LA8 for plant schedule

Key

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-  Single-stem tree planting
-  Shrub planting
-  Specimens
-  Hedge
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MP 41.25



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REV	DESCRIPTION	BY	CHK	APP	DATE

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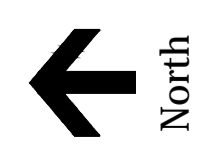
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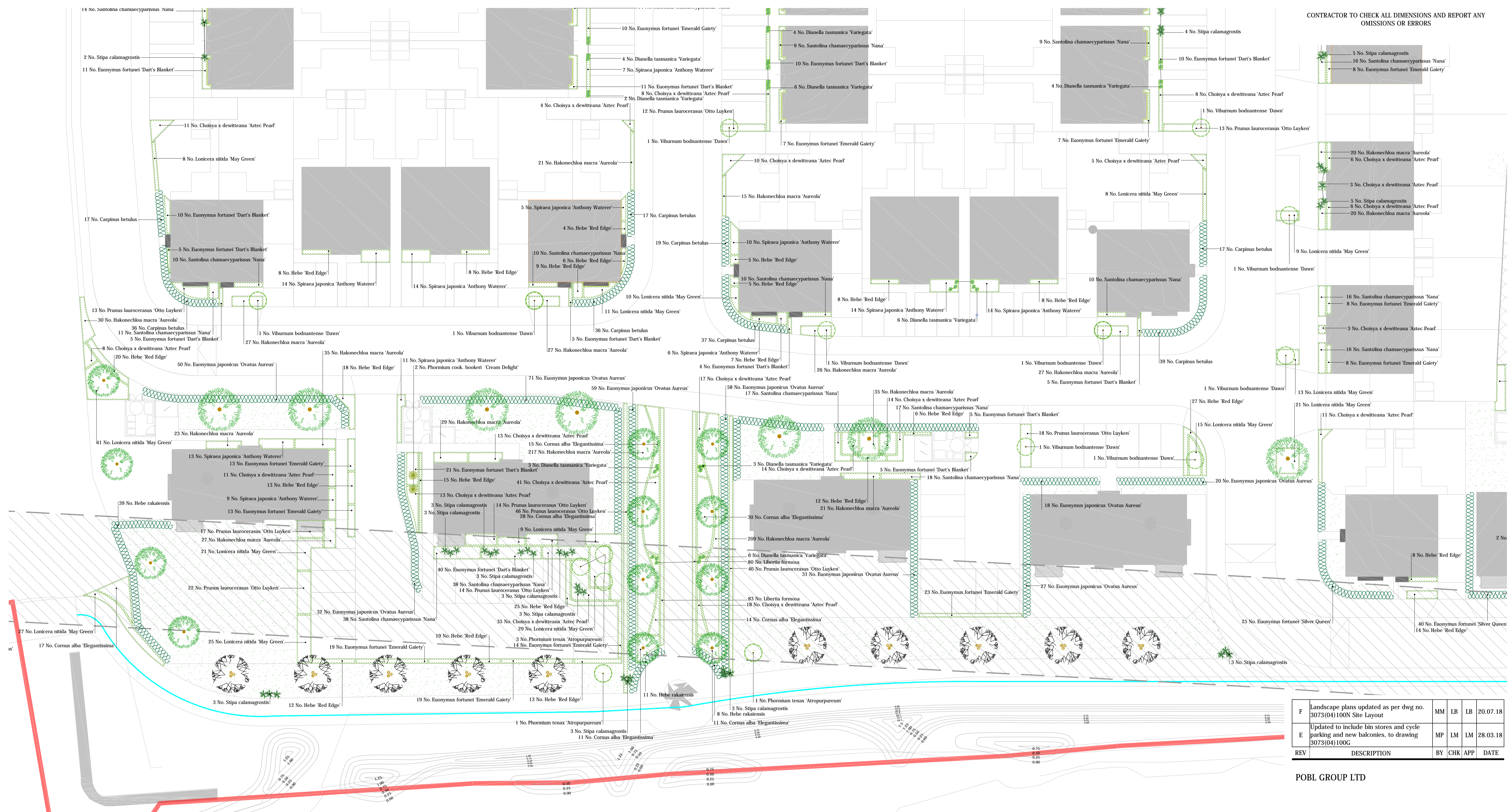
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Drawing Title:
Planting details 3 of 7



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		-	P	LA4	F		

CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY OMISSIONS OR ERRORS



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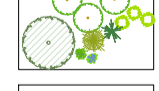
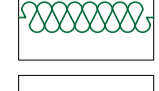


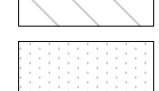
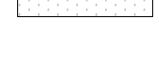


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Drawing Title:
Planting details 4 of 7








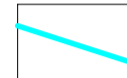


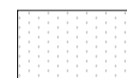
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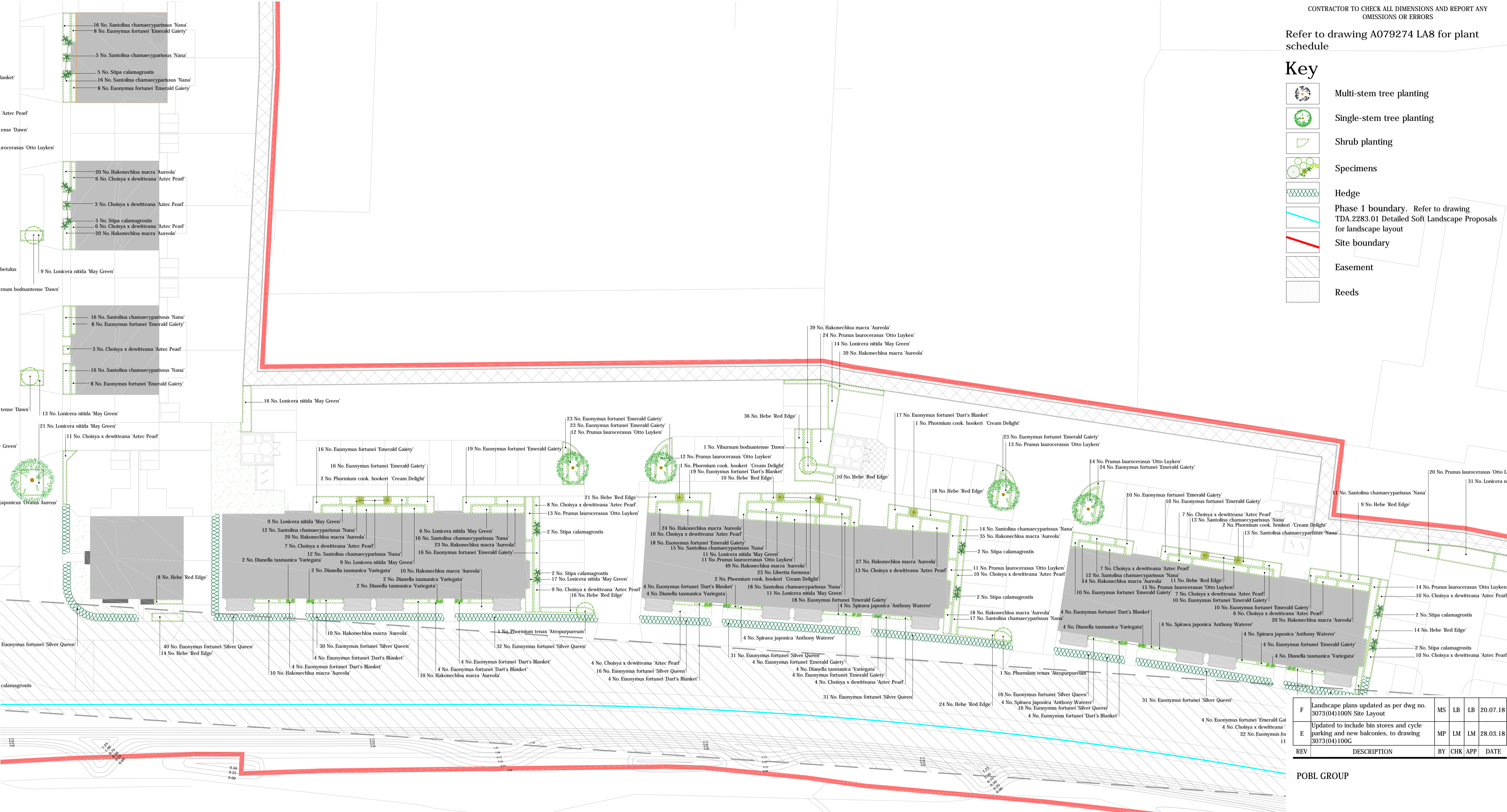
-  Multi-stem tree planting
-  Single-stem tree planting
-  Shrub planting
-  Specimens
-  Hedge
-  Phase 1 boundary. Refer to drawing TDA.2283.01 Detailed Soft Landscape Proposals for landscape layout
-  Site boundary
-  Easement
-  Reeds

Scale @	A1	Drawn	Date	Checked	Date	Approved	Date
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Project No.	A102732	Office	-	Type	P	Drawing No.	LA5
						Revision	F

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
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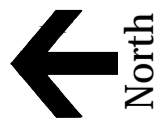
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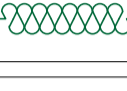
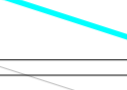


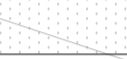
Drawing Title:
Planting details 5 of 7



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Project No.	A102732	Office	Type	Drawing No.	LA6	Revision	F

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
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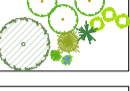
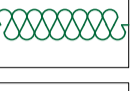
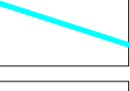
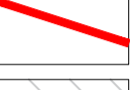


Drawing Title:

Planting details 6 of 7



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Project No.	Office	Type	Project	Drawing No.	Revision		
A102372	-	P		LA7	F		

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
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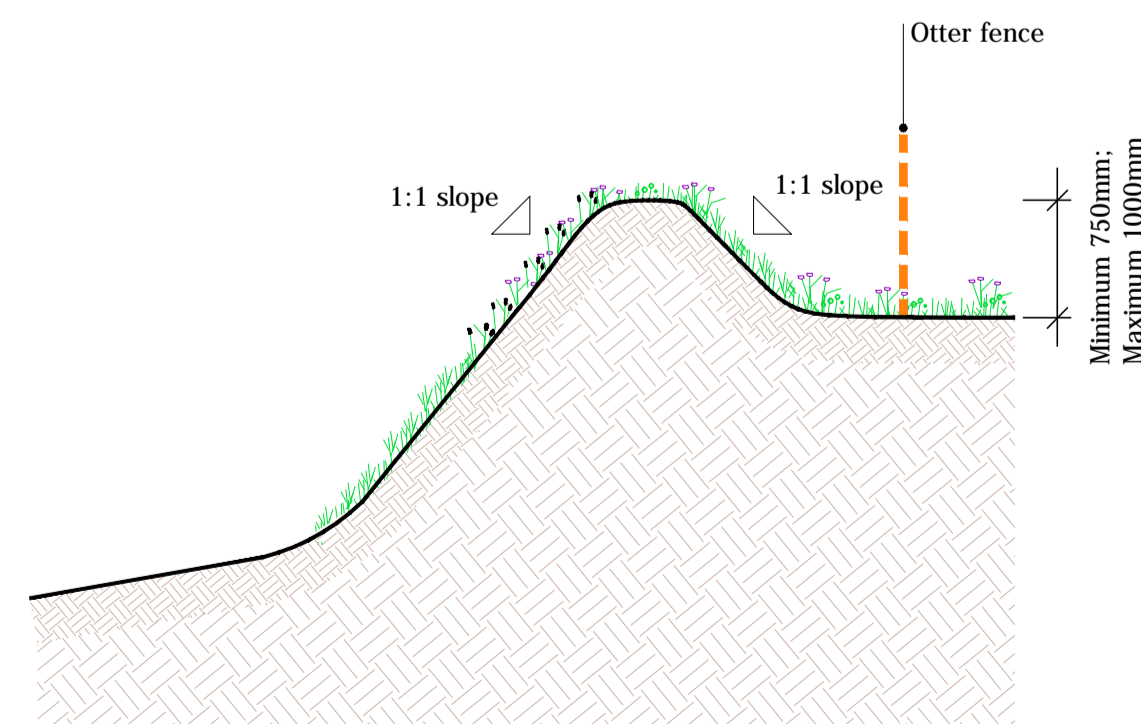


Plant schedule

Shrubs	Number	Species	Height	Pot Size	Specification	Density
	743 No.	Prunus laurocerasus 'Otto Luyken'	40-60cm	5-7.5L	Bushy :5 brks :C	0.6Ctr
	1198 No.	Santolina chamaecyparissus 'Nana'	20-30cm	3L	Bushy :7 brks :C	0.45Ctr
	194 No.	Spiraea japonica 'Anthony Waterer'	40-60cm	5-7.5L	Branched :7 brks :C	0.6Ctr
	856 No.	Euonymus fortunei 'Emerald Gaiety'	20-30cm	3L	Bushy :7 brks :C	0.5Ctr
	850 No.	Euonymus fortunei 'Dart's Blanket'	30-40cm	3L	Bushy :5 brks :C	0.5Ctr
	857 No.	Choisya x dewitteana 'Aztec Pearl'	30-40cm	4L	C: Bushy: 5 brks	0.6Ctr
	635 No.	Euonymus fortunei 'Silver Queen'	30-40cm	5-7.5L	C: Bushy: 9 brks	0.5Ctr
	943 No.	Hebe 'Red Edge'	30-40cm	3L	Bushy :5 brks :C	0.5Ctr
	817 No.	Lonicera nitida 'May Green'	30-40cm	3L	Bushy :6 brks :C	0.6Ctr
	887 No.	Euonymus japonicus 'Ovatus Aureus'	30-40cm	3L	C: Branched: 3 brks	0.5Ctr
	25 No.	Phormium cook. hookeri 'Cream Delight'	30-40cm	10L	Triple crown :C	Counted
	15 No.	Viburnum bodnantense 'Dawn'	60-80cm	5-7.5L	Branched :3 brks :C	Counted
	12 No.	Phormium tenax 'Atropurpureum'	30-40cm	10L	Triple crown :C	Counted
	58 No.	Hebe rakaiensis	30-40cm	5-7.5L	C: Bushy: 7 brks	0.6Ctr
	229 No.	Cornus alba 'Elegantissima'	40-60cm	3L	Branched :4 brks :C	0.7Ctr
	532 No.	Carpinus betulus	125-150cm		Feathered :2 brks :2x :B	0.6Ctr Double Staggered at 0.3m offset

Herbaceous	Number	Species	Pot Size	Specification	Density
	191 No.	Dianella tasmanica 'Variegata'	1-1.5L	C	Counted
	186 No.	Libertia formosa	1.5-2L	C	0.4Ctr

Grasses	Number	Species	Pot Size	Specification	Density
	1751 No.	Hakonechloa macra 'Aureola'	1.5-2L	Full Pot	0.4Ctr
	63 No.	Stipa calamagrostis	3-4L	C	Counted
	35 No.	Phragmites australis		C	1Ctr



Typical cross-section through bunds

1:50 scale

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Project:

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Drawing Title:

Planting details 7 of 7



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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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