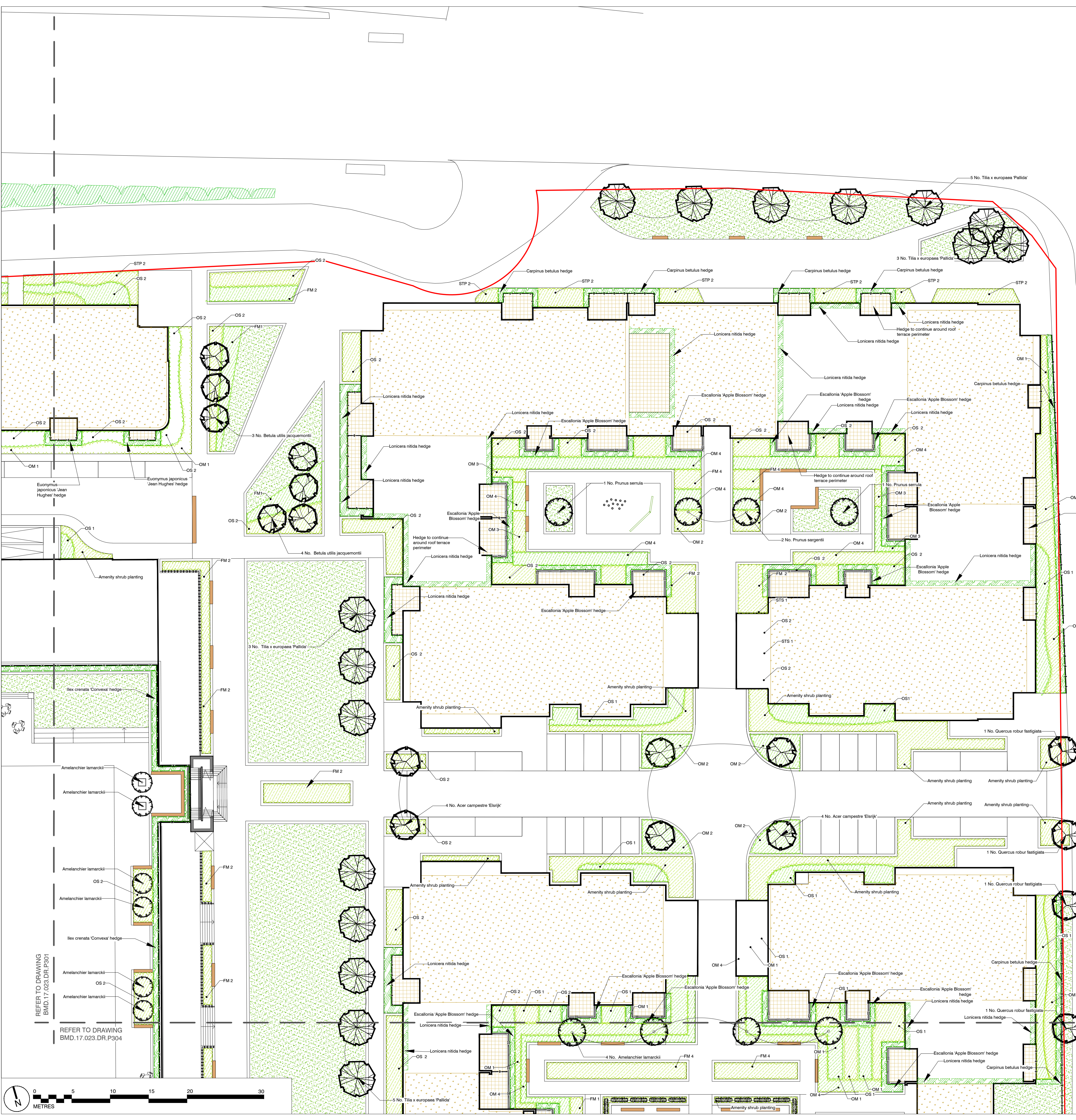




PLANTING SCHEDULES

LARGE FEATURE TREES (30-35CM)

Name	Form	Age/condition or x transplanted	Girth (cm)	Overall height (cm)	Clear stem (cm)	Root condition
Acer platanoides Emerald Green	Semi-mature	4x	30-35	600-650	200	RB
Liquidambar styraciflua	Semi-mature	4x	30-35	600-650	200	RB
Platanus x hispanica	Semi-mature	4x	30-35	600-650	200	RB
Tilia x europaea 'Palida'	Semi-mature	4x	30-35	600-650	200	RB
Quercus robur	Semi-mature	4x	30-35	600-650	200	RB

PLEACHED TREES (20-25CM)

Name	Form	Age/condition or x transplanted	Girth (cm)	Overall height (cm)	Clear stem (cm)	Root condition
Carpinus betulus	Pleached	4x	20-25	270	120	RB

STREET TREES (20-25CM)

Name	Form	Age/condition or x transplanted	Girth (cm)	Overall height (cm)	Clear stem (cm)	Root condition
Acer campestre 'Elsrijk'	Semi-mature	3x	20-25	500-550	200	RB
Acer rubrum 'Armstrong'	Semi-mature	3x	20-25	500-550	200	RB
Carpinus betulus 'Frans Fontaine'	Semi-mature	3x	20-25	500-550	200	RB
Corylus colurna	Semi-mature	3x	20-25	500-550	200	RB
Prunus laurocerasus 'Chavicaeser'	Semi-mature	3x	20-25	500-550	200	RB
Quercus robur 'Fastigiata'	Semi-mature	3x	20-25	500-550	200	RB

ORNAMENTAL AND BOUNDARY TREES (12-14CM)

Name	Form	Age/condition or x transplanted	Girth (cm)	Overall height (cm)	Clear stem (cm)	Min. no. of breaks/stems	Root condition
Acer campestre 'Elsrijk'	Heavy Standard	3x	12-14	350-425	200	5	RB
Acer campestre	Heavy Standard	3x	12-14	350-425	200	5	B
Acer platanoides Emerald Green	Heavy Standard	3x	12-14	350-425	200	5	RB
Amelanchier lamarckii	Multi-stem	3x	12-14	350-425	200	3 minimum	RB
Betula utilis var. jacquemontii	Heavy Standard	3x	12-14	350-425	200	5	RB
Cercidiphyllum japonicum	Multi-stem	3x	12-14	350-425	200	3 minimum	RB
Crataegus x prunifolia	Heavy Standard	3x	12-14	350-425	200	5	RB
Liquidambar styraciflua	Heavy Standard	3x	12-14	350-425	200	5	RB
Malus 'Eversholt'	Heavy Standard	3x	12-14	350-425	200	5	RB
Malus sylvestris	Heavy Standard	3x	12-14	350-425	200	5	B
Prunus sargentii	Heavy Standard	3x	12-14	350-425	200	5	RB
Prunus serrula	Heavy Standard	3x	12-14	350-425	200	5	RB
Prunus 'Tahajir'	Heavy Standard	3x	12-14	350-425	200	5	RB
Pyrus laurocerasus 'Chavicaeser'	Heavy Standard	3x	12-14	350-425	200	5	RB
Tilia x europaea	Heavy Standard	3x	12-14	350-425	200	5	B

HEDGEROWS

Name	Overall height (cm)	Root condition	Habit
Carpinus betulus*	120	Container	na
Escalonia 'Apple Blossom'	60-80	10L	Bushy / Breaks
Eucynimus japonicus Jean Hughes	60-80	10L	Bushy / Breaks
Ilex crenata 'Convexa'	40-60	10L	Bushy / Breaks
Lonicera nitida	60-80	10L	Bushy / Breaks

AMENITY SHRUB PLANTING

Mix %	Name	Overall height / Ø dia (cm)	Root condition	Size of container (Litres)	Habit	Breaks	Density per m²
25	Betula utilis var. jacquemontii	40-60	Container	10L	Branched	7	2
25	Betula utilis var. jacquemontii	40-60	Container	10L	Branched	6	3
25	Lonicera nitida 'Wagner'	40-60	Container	10L	Bushy	10	2
25	Symphoricarpos x chenaultii	40-60	Container	10L	Branched	9	2

ORNAMENTAL SHRUB PLANTING 1 (OS 1)

Mix %	Name	Overall height / Ø dia (cm)	Root condition	Size of container (Litres)	Habit	Breaks	Density per m²
20	Cornus alba 'Ergoldsteiner'	40-60	Container	5L	Branched	4	3
10	Chamaecyparis 'Nana'	40-60	Container	10L	Bushy	7	1
15	Eucynimus japonicus Jean Hughes	20-30	Container	5L	Bushy	8	3
15	Prunus laurocerasus 'Sino Japanica'	40-60	Container	5L	Bushy	9	1
15	Spiraea japonica 'Anthony Waterer'	30-40	Container	5L	Branched	5	3
15	Viburnum tinus	30-40	Container	5L	Bushy	4	3

ORNAMENTAL SHRUB PLANTING 2 (OS 2)

Mix %	Name	Overall height / Ø dia (cm)	Root condition	Size of container (Litres)	Habit	Breaks	Density per m²
20	Eleagnus x ebbingei	40-60	Container	10L	Branched	6	3
15	Hedera 'Nana Winter'	30-40	Container	5L	Bushy	5	3
15	Hedera 'Algeria'	30-40	Container	5L	Bushy	7	3
15	Hedera 'White Gem'	30-40	Container	5L	Bushy	7	3
15	Chamaecyparis 'Nana'	40-60	Container	10L	Bushy	9	1
15	Potentilla fruticosa 'Robinsoniana'	30-40	Container	5L	Bushy	5	3

SHADE TOLERANT ORNAMENTAL PLANTING 1 (STP 1)

Mix %	Name	Overall height / Ø dia (cm)	Root condition	Size of container (Litres)	Habit	Breaks	Density per m²
10	Aster 'Silver Shadow'	20-30	Container	2L	Full pot	na	3
10	Brunnera macrophylla 'Jack Frost'	na	Container	2L	Full pot	na	3
15	Carex monostachya 'Ice Dance'	na	Container	2L	Full pot	na	3
15	Epilobium x youngianum 'Newman'	na	Container	2L	Full pot	na	3
15	Epilobium x youngianum 'Newman'	na	Container	2L	Full pot	na	3
15	Epilobium x youngianum 'Newman'	na	Container	2L	Full pot	na	3
15	Epilobium x youngianum 'Newman'	na	Container	2L	Full pot	na	3
15	Epilobium x youngianum 'Newman'	na	Container	2L	Full pot	na	3
15	Epilobium x youngianum 'Newman'	na	Container	2L	Full pot	na	3
15	Epilobium x youngianum 'Newman'	na	Container	2L	Full pot	na	3

SHADE TOLERANT ORNAMENTAL PLANTING 2 (STP 2)

Mix %	Name	Overall height / Ø dia (cm)	Root condition	Size of container (Litres)	Habit	Breaks	Density per m²
10	Asplenium adnigrum	na	Container	2L	Full pot	na	3
10	Aster 'Silver Shadow'	20-30	Container	2L	Full pot	na	3
15	Brunnera macrophylla 'Jack Frost'	na	Container	2L	Full pot	na	3
15	Carex monostachya 'Ice Dance'	na	Container	2L	Full pot	na	3
15	Epilobium x youngianum 'Newman'	na	Container	2L	Full pot	na	3
15	Epilobium x youngianum 'Newman'	na	Container	2L	Full pot	na	3
15	Epilobium x youngianum 'Newman'	na	Container	2L	Full pot	na	3
15	Epilobium x youngianum 'Newman'	na	Container	2L	Full pot	na	3
15	Epilobium x youngianum 'Newman'	na	Container	2L	Full pot	na	3
15	Epilobium x youngianum 'Newman'	na	Container	2L	Full pot	na	3

SITE BOUNDARIES

- OVERALL APPLICATION BOUNDARY
- BUILDING AND PODIUM BOUNDARY

PROPOSED SOFT LANDSCAPE

- EXISTING TREES
- LARGE FEATURE TREES
- STREET TREES
- PLEACHED TREES
- ORNAMENTAL TREES
- BOUNDARY TREES
- FORMAL SINGLE SPECIES HEDGE

SHRUB / ORNAMENTAL PLANTING

- NATIVE SHRUB PLANTING
- NATIVE HEDGE
- AMENITY GRASS
- WETLAND WILD FLOWER MIX
- MARGINAL PLANTING
- GREEN ROOF
- CONTOURS FOR PROFILED LANDFORM

ORNAMENTAL MIX 1 (OM 1)

Mix %	Name	Overall height / Ø dia (cm)	Root condition	Size of container (Litres)	Habit	Breaks	Density per m²
20	Abelia x grandifolia 'Francis Mason'	30-35	Container	2L	Bushy	3	4
20	Azalea 'Hortensia'	na	Container	2L	Full pot	na	4
15	Cornifolium 'Hortensia'	na	Container	2L	Full pot	na	4
15	Sedum 'Hortensia'	na	Container	2L	Full pot	na	4
15	Penstemon 'Hortensia'	na	Container	2L	Full pot	na	4

ORNAMENTAL MIX 2 (OM 2)

Mix %	Name	Overall height / Ø dia (cm)	Root condition	Size of container (Litres)	Habit	Breaks	Density per m²
20	Calceolaria x acutifolia 'Karl Foerster'	na	Container	2L	Full pot	na	4
20	Echinops 'Hortensia'	na	Container	2L	Full pot	na	4
15	Sedum 'Hortensia'	na	Container	2L	Full pot	na	4
15	Penstemon 'Hortensia'	na	Container	2L	Full pot	na	4

ORNAMENTAL MIX 3 (OM 3)

Mix %	Name	Overall height / Ø dia (cm)	Root condition	Size of container (Litres)	Habit	Breaks	Density per m²
15	Bergenia purpurascens	na	Container	2L	Full pot	na	4
15	Calceolaria brachytricha	na	Container	2L	Full pot	na	4
15	Calceolaria brachytricha	na	Container	2L	Full pot	na	4
15	Calceolaria brachytricha	na	Container	2L	Full pot	na	4
15	Calceolaria brachytricha	na	Container	2L	Full pot	na	4

ORNAMENTAL MIX 4 (OM 4)

Mix %	Name	Overall height / Ø dia (cm)	Root condition	Size of container (Litres)	Habit	Breaks	Density per m²
20	Bergenia purpurascens	na	Container	2L	Full pot	na	4
20	Calceolaria brachytricha	na	Container	2L	Full pot	na	4
20	Calceolaria brachytricha	na	Container	2L	Full pot	na	4
20	Calceolaria brachytricha	na	Container	2L	Full pot	na	4
20	Calceolaria brachytricha	na	Container	2L	Full pot	na	4

FEATURE MIX 1 (FM 1)

Mix %	Name	Overall height / Ø dia (cm)	Root condition	Size of container (Litres)	Habit	Breaks	Density per m²
20	Abelia x grandifolia 'Francis Mason'	30-40	Container	2L	Bushy	3	3
15	Azalea 'Hortensia'	na	Container	2L	Full pot	na	4
15	Calceolaria 'Hortensia'	na	Container	2L	Full pot	na	4
15	Sedum 'Hortensia'	na	Container	2L	Full pot	na	4
15	Penstemon 'Hortensia'	na	Container	2L	Full pot	na	4

FEATURE MIX 2 (FM 2)

Mix %	Name	Overall height / Ø dia (cm)	Root condition	Size of container (Litres)	Habit	Breaks	Density per m²
15	Azalea 'Hortensia'	na	Container	2L	Full pot	na	4
15	Calceolaria 'Hortensia'	na	Container	2L	Full pot	na	4
15	Calceolaria 'Hortensia'	na	Container	2L	Full pot	na	4
15	Calceolaria 'Hortensia'	na	Container	2L	Full pot	na	4
15	Calceolaria 'Hortensia'	na	Container	2L	Full pot	na	4

FEATURE MIX 3 (FM 3)

Mix %	Name	Overall height / Ø dia (cm)	Root condition	Size of container (Litres)	Habit	Breaks	Density per m²
15	Azalea 'Hortensia'	na	Container	2L	Full pot	na	4
15	Calceolaria 'Hortensia'	na	Container	2L	Full pot	na	4
15	Calceolaria 'Hortensia'	na	Container	2L	Full pot	na	4
15	Calceolaria 'Hortensia'	na	Container	2L	Full pot	na	4
15	Calceolaria 'Hortensia'	na	Container	2L	Full pot	na	4

FEATURE MIX 4 (FM 4)

Mix %	Name	Overall height / Ø dia (cm)	Root condition	Size of container (Litres)	Habit	Breaks	Density per m²
10	Abelia x grandifolia 'Francis Mason'	30-40	Container	2L	Bushy	na	5
10	Abelia x grandifolia 'Francis Mason'	30-40	Container	2L	Bushy	na	5
10	Abelia x grandifolia 'Francis Mason'	30-40	Container	2L	Bushy	na	5
10	Abelia x grandifolia 'Francis Mason'	30-40	Container	2L	Bushy	na	5
10	Abelia x grandifolia 'Francis Mason'	30-40	Container	2L	Bushy	na	5

NATIVE SHRUB PLANTING

Mix %	Name	Overall height / Ø dia (cm)	Root condition	Size of container (Litres)	Habit	Breaks	Density per m²
25	Calluna vulgaris	40-60	B	na	na	na	1
15	Calluna vulgaris	40-60	B	na	na	na	2
15	Calluna vulgaris	40-60	B	na	na	na	2
15	Calluna vulgaris	40-60	B	na	na	na	2
15	Calluna vulgaris	40-60	B	na	na	na	2
15	Calluna vulgaris	40-60	B	na	na	na	2
15	Calluna vulgaris	40-60	B	na	na	na	2
15	Calluna vulgaris	40-60	B	na	na	na	2
15	Calluna vulgaris	40-60	B	na	na	na	2
15	Calluna vulgaris	40-60	B	na	na	na	2

NATIVE MIXED SPECIES HEDGE

Mix %	Name	Form	Age/condition or x transplanted	Overall height / Ø dia (cm)	Size of container (Litres)	Habit
20	Corylus avellana	Transplant	seed raised	1.2	80-100	Branched
20	Corylus avellana	Transplant	seed raised	1.2	80-100	Branched
20	Corylus avellana	Transplant	seed raised	1.2	80-100	Branched
20	Corylus avellana	Transplant	seed raised	1.2	80-100	Branched
20	Corylus avellana	Transplant	seed raised	1.2	80-100	Branched

MARGINAL/AQUATIC PLANTING

Mix %	Name	Overall height / Ø dia (cm)	Root condition	Size of container (Litres)	Habit	Breaks	Density per m²
15	Acrostichum sp.	na	Container	2L	Full pot	na	5
15	Alisma plantago aquatica	na	Container	2L	Full pot	na	5
15	Butorium umbellatus	na	Container	2L	Full pot	na	5
15	Isis javanica	na	Container	2L	Full pot	na	5
15	Juncus effusus	na	Container	2L	Full pot	na	5
15	Lilium reginae	na	Container	2L	Full pot	na	5
15	Sparganium angustifolium	na	Container	2L	Full pot	na	5

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NOTES:

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- THIS PLANNING APPLICATION HAS BEEN CO-ORDINATED WITH NETWORK RAIL APPLICATION N6201/2/205/MA
- TREE HANDLING AND PLANTING TO BS 8545:2014 TREES: FROM NURSERY TO INDEPENDENCE IN THE LANDSCAPE - RECOMMENDATIONS

Rev Description Date

Purpose of Issue

PLANNING

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Project

Broadwater Road, Welwyn Garden City

Drawing Title

Planting Plan - Sheet 2 of 6

Drawn CR Checked CC Approved RW Date 11.01.2018

Job No 17.023 Scale 1:250 Sheet A1 Revision

Drawing Number BMD.17.023.DR.P302

LOCATION PLAN

BMD.17.023.DR.P301 BMD.17.023.DR.P302 BMD.17.023.DR.P303 BMD.17.023.DR.P304 BMD.17.023.DR.P305 BMD.17.023.DR.P306