

P23012 Wingates Unit 3

Drawing Register: Whitings

*Please note: All drawings listed below are hyperlinked to the drawings listed.
Please click on the drawing title to go directly to the drawing of your choice.*

Works Completed:

Landscaping

Drawing No.	Drawing Title	Rev
02	Detailed Planting Plan	B

forestry of hedge planting via november.
 bulb planting september.
 poorbawka trees via november.

- KEY**
- Existing AND PROTECTED: EXISTING TREES & VEGETATION TO BE RETAINED AND PROTECTED (Taken from the Tyler Grange 'Soft Landscape Proposals' (Dwg. No. 12176_P10 Rev. C))
 - Existing PALISADE FENCE
 - Proposed: HEAVY STANDARD TREES (Tree pit size: 1000x1000x750mm) 12-14cm stem girth 3.5-4.0m height 1.8-2.1m clear stem Root wrapped
 - LOW ORNAMENTAL SHRUB/HERBACEOUS PLANTING (300mm depth of topsoil + minimum 300mm depth subsoil) Ultimate plant height is below 1m.
 - TALL ORNAMENTAL SHRUB PLANTING (300mm depth of topsoil + minimum 300mm depth subsoil) Ultimate plant height is above 1m.
 - MIXED SPECIES NATIVE HEDGEROW (300mm depth of topsoil + minimum 600mm depth subsoil) Planted at 450mm centres in a double staggered row. Rows to be 500mm apart.

WOODLAND MIX PLANTING
(300mm depth of topsoil + minimum 600mm depth subsoil)
Where woodland or thickets are planted next to a hard surface/retaining structure, it should be positioned 1m from the edge.
Feathered trees planted in single species groups of 3-5 at 3m apart.
Whip/Transplants to be planted in groups of 3-9 of the same species at 750mm centres.

Feathered Trees - Well furnished with lateral roots to the base

% Species	Size	Age	Root/Pot Size
15% Quercus robur	1750-2000mm	2x Transplanted	OG
20% Tilia cordata	1750-2000mm	2x Transplanted	OG
35% Total			

Whip/Transplants

% Species	Size	Age	Root/Pot Size
10% Acer campestre	600-800mm	1+1	OG
10% Corylus avellana	600-800mm	1+2	OG
10% Crataegus monogyna	600-800mm	1+1	OG
5% Lonicera periclymenum	600-800mm	3L	OG
15% Prunus padus	600-800mm	1+1	OG
10% Pinus sylvestris	600-800mm	2+2	OG
5% Rosa canina	600-800mm	1+1	OG
55% Total			

GRASS SEEDED AREAS (CLOSE MOW)
(150mm depth of topsoil + minimum 150mm depth subsoil)
To be sown with DLF Seeds Ltd PM 120 'Slongrowth' or similar approved
Sown at a rate of 35-50g/m²

SPECIES RICH GRASSLAND & WILDFLOWER SEEDED AREAS
(200mm depth of topsoil + minimum 300mm depth subsoil)
To be sown with DLF Seeds Ltd Prio-Flora 10 'Country Meadow' or similar approved
Sown at a rate of 5g/m²

BULB PLANTING

% Species	Grade	Density
25% Galanthus nivalis	10+	20no. per m ²
25% Narcissus 'Geranium'	10+	20no. per m ²
25% Narcissus 'Orange Sunset'	10+	20no. per m ²
25% Narcissus pseudonarcissus 'Lobularis'	4/5	20no. per m ²

- ARMCO BARRIER
- ROOT BARRIER (Fe-Root Ribbed Depth 1000mm Supplied by Green Blue Urban)
- SITE BOUNDARY
- OWNERSHIP BOUNDARY

WOODLAND MIX PLANTING (872m²)

Feathered Trees

% Species	Qty.
15% Quercus robur	171
20% Tilia cordata	228
35% Total	399

Whip/Transplants

% Species	Qty.
10% Acer campestre	114
10% Corylus avellana	114
10% Crataegus monogyna	114
5% Lonicera periclymenum	57
15% Prunus padus	171
10% Pinus sylvestris	114
5% Rosa canina	57
55% Total	741

Note: The following species should be planted no closer than the stated minimum distances away from hard landscape surfaces & retaining structures.

Tree Species	Min. distance from retaining structure (m)
Acer campestre	4m
Prunus padus	3m
Pinus sylvestris	5.5m
Quercus robur	5.5m

MIXED SPECIES NATIVE HEDGEROW (19 lin.m)

% Species	Qty.
40% Acer campestre	34
25% Corylus avellana	8
10% Ilex aquifolium	21
25% Ligustrum vulgare	21
100% Total	84

BULB PLANTING (20m²)

% Species	Qty.
25% Galanthus nivalis	100
25% Narcissus 'Geranium'	100
25% Narcissus 'Orange Sunset'	100
25% Narcissus pseudonarcissus 'Lobularis'	100
100% Total	400

BULB PLANTING (38m²)

% Species	Qty.
25% Galanthus nivalis	190
25% Narcissus 'Geranium'	190
25% Narcissus 'Orange Sunset'	190
25% Narcissus pseudonarcissus 'Lobularis'	190
100% Total	760

BULB PLANTING (37m²)

% Species	Qty.
25% Galanthus nivalis	185
25% Narcissus 'Geranium'	185
25% Narcissus 'Orange Sunset'	185
25% Narcissus pseudonarcissus 'Lobularis'	185
100% Total	740

MIXED SPECIES NATIVE HEDGEROW (43 lin.m)

% Species	Qty.
40% Acer campestre	76
25% Corylus avellana	48
10% Ilex aquifolium	19
25% Ligustrum vulgare	48
100% Total	191

MIXED SPECIES NATIVE HEDGEROW (13 lin.m)

% Species	Qty.
40% Acer campestre	23
25% Corylus avellana	15
10% Ilex aquifolium	6
25% Ligustrum vulgare	15
100% Total	59

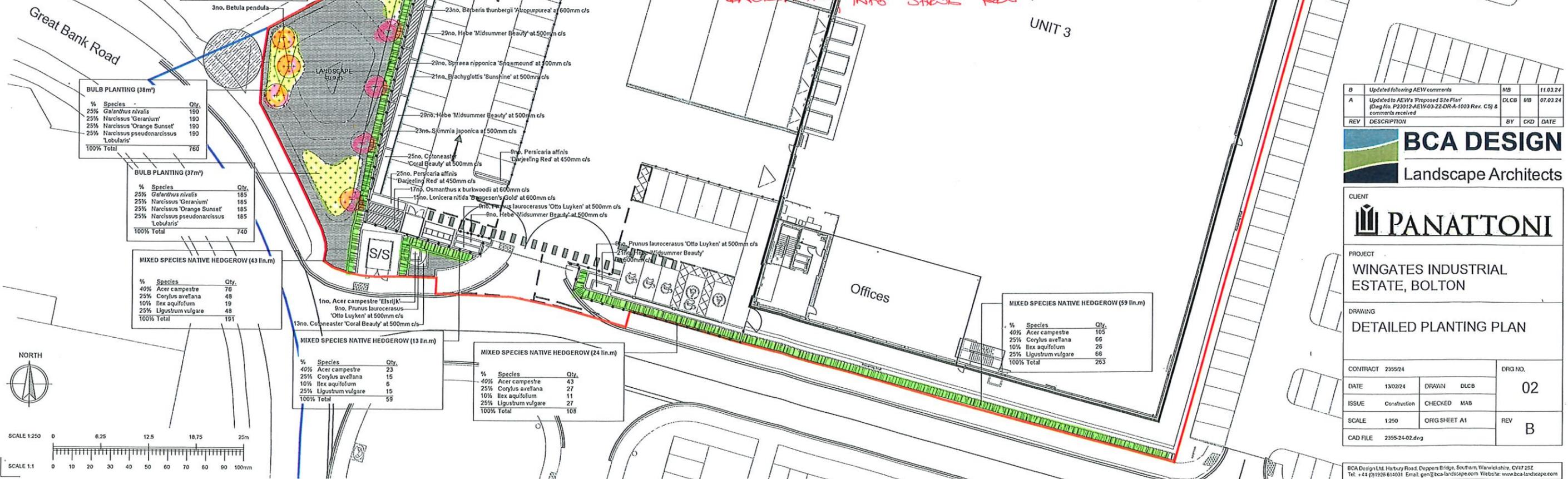
MIXED SPECIES NATIVE HEDGEROW (24 lin.m)

% Species	Qty.
40% Acer campestre	43
25% Corylus avellana	27
10% Ilex aquifolium	11
25% Ligustrum vulgare	27
100% Total	108

MIXED SPECIES NATIVE HEDGEROW (59 lin.m)

% Species	Qty.
40% Acer campestre	66
25% Corylus avellana	26
10% Ilex aquifolium	66
25% Ligustrum vulgare	66
100% Total	263

Section of hedge unable to install due to lack of space & existing vegetation encroaching into street Red.



REV	DESCRIPTION	BY	CHKD	DATE
B	Updated following AEW comments	MB		11.03.24
A	Updated to AEW's 'Proposed Site Plan' (Dwg No. P23012-AEW-03-ZZ-DR-A-1003 Rev. C5) & comments received	DLCB	MB	07.03.24

BCA DESIGN
Landscape Architects

CLIENT
PANATTONI

PROJECT
WINGATES INDUSTRIAL ESTATE, BOLTON

DRAWING
DETAILED PLANTING PLAN

CONTRACT	2355/24	DRG NO.	02
DATE	13/02/24	DRAWN	DLCB
ISSUE	Construction	CHECKED	MAB
SCALE	1:250	DRG SHEET	A1
CAD FILE	2355-24-02.dwg	REV	B