

NOTE: SURROUNDING CONTIGUAL BUILDINGS AND INFORMATION ARE BASED ON RECEIVED ORDINANCE SURVEY DRAWINGS AND ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. ASSUMED SITE BOUNDARY IS SUBJECT TO CONFIRMATION.

General Notes:
 All proposed tree locations are subject to co-ordination with drainage layout and subject to modification depending on the location of underground services and utilities.
 Drainage engineer to co-ordinate services layout in conjunction with the landscape plan to avoid conflict as much as possible. Allowance to be made at tender stage for the possible requirement for root barriers once the drainage layout is confirmed. CA to be informed immediately once this is available.



- SOFT LANDSCAPE KEY:**
- Existing trees/vegetation to be removed
In order to facilitate the proposed development.
 - Existing trees/tree buffer to be retained
Retained and protected during construction and landscape works in accordance with BS5837:2012 guidance
 - Proposed trees in soft landscape
Refer to plant schedule for species & specification
 - Proposed native trees in soft landscape
Refer to plant schedule for species & specification
 - Proposed specimen shrub planting
Refer to plant schedule for species & specification
 - Proposed ornamental & groundcover shrub planting
Refer to plant schedule for species & specification
 - Proposed mixed species native boundary planting
Refer to plant schedule for species & specification
 - Proposed formal hedge planting
Refer to plant schedule for species & specification
To be maintained at 1.2m high
 - Proposed mixed species native hedge planting
Refer to planting schedule for species & specification
To be maintained at 1.6m high
 - Existing grass area to be retained
 - Proposed shade tolerant Wildflower grassland
To be Hedgerows and shaded areas WFG8 by Germinal Amenity
 - Proposed species rich Wildflower grassland
To be Emorsgate EM2 - Standard General Purpose Meadow mixture
 - Proposed wetland Wildflower grassland
To be Emorsgate EM6 - Meadow mixture for Wetlands
 - Proposed ornamental bark mulch surface finish
1m dia of ornamental bark mulch in accordance with BS8345 :2014 recommendations
500mm maintenance strip

Coordinate: V:\V1\5001-16000\15315 Deame Valley\04 Landscaping\17.0 Drawings and Issue Sheets\01 Planning

PLANTING SCHEDULES:

Trees	Species	Abb.	Form	Girth (cm)	Height (cm)	Clear stem (cm)	Root	Quantity
Acer campestre 'Streetwise'	AcS	Standard Extra Heavy	14-16	425-600	175-200	RB	6	
Acer campestre	Ac	Standard Extra Heavy	14-16	425-600	175-200	RB	8	
Alnus glutinosa	Ag	Standard Heavy	12-14	350-425	175-200	RB	1	
Betula pendula	Bp	Standard Selected	10-12	300-350	175-200	RB	32	
Betula pendula Fastigiata Jones'	BpF	Standard Extra Heavy	14-16	350-400	175-200	RB	9	
Carpinus betulus 'Frans Fontaine'	CbFF	Standard Extra Heavy	16-18	min 450	min 200	RB	7	
Malus sylvestris	Ms	Feathered	/	175-200	/	RB	8	
Pinus sylvestris	Ps	/	/	175-200	/	RB	5	
Prunus avium	Pa	Standard Extra Heavy	14-16	425-600	175-200	RB	10	
Prunus coccinea 'Chanticleer'	PcC	Standard Extra Heavy	18-20	min 450	min 200	RB	4	
Prunus coccinea 'Red Spire'	PcR	Standard Extra Heavy	14-16	min 450	min 200	RB	4	
Quercus robur	Qr	Standard Extra Heavy	14-16	425-600	175-200	RB	3	
Quercus aucuparia	Qa	Standard Heavy	12-14	350-425	175-200	RB	19	
Tilia cordata 'Rancho'	Tc	Standard Extra Heavy	16-18	min 450	min 200	RB	1	

Specimen Shrub Planting:	Name	Abb	Height (cm)	Root	Container	Habit	Quantity
Amelanchier lamarckii (Multi Stem Specimen)	Al	175-200	RB	/	3-5 main stems	2	
Phormium 'Yellow Wave'	PYW	/	C	10-12L	Triple Crown	2	

Ornamental Shrub Planting:

Name	Abb	Height (cm)	Root	Container	Habit	Breaks	Density
Cornus alba 'Elegantissima'	CaE	60-80	C	3L	Branched	4	3/m ²
Cornus stolonifera 'Madwinter Fire'	CsMF	60-80	C	3L	Branched	4	3/m ²
Boeagmus x ebbingei 'Gilt Edge'	BeGE	40-60	C	3L	Branched	7	3/m ²
Hebe 'Blue Gem'	HbG	30-40	C	3L	Bushy	5	4/m ²
Hebe 'Red Edge'	HRE	30-40	C	3L	Bushy	6	5/m ²
Prunus laurocerasus 'Cherry Brandy'	PiCB	30-40	C	3L	Bushy	3	4/m ²
Viburnum davidii	Vd	30-40	C	3L	Bushy	3	5/m ²

Formal Hedge Planting:

Name	Abb	Height (cm)	Root	Form	Spacing
Carpinus betulus	Cb	100-120	RB	Bushy, Clipped sides	50cm centres
Prunus lusitanica 'angustifolia'	Pl	100-120	RB	Bushy, Clipped sides	50cm centres

Mixed Species Native Boundary Hedge Planting:

Name	Abb	Height (cm)	Root	Container	Habit	% in Mix
Acer campestre	Ac	80-100	UK Cell grown	/	Transplant - seed raised	10%
Corylus avellana	Ca	80-100	UK Cell grown	/	Branched	20%
Cornus sanguinea	Cs	80-100	UK Cell grown	/	Branched	10%
Ilex aquifolium	Ia	40-60	C (UK grown)	SL	Leader & Laterals	10%
Prunus spinosa	Ps	80-100	UK Cell grown	/	Branched	10%
Ulex europaeus	Ue	80-100	UK Cell grown	/	Transplant - seed raised	30%
Viburnum opulus	Vo	80-100	UK Cell grown	/	Branched	10%

Notes:
 * Hedge species to be planted in a double staggered row at 500mm centres, 450mm between rows
 * Hedge to be maintained at a maximum height of 1.6m
 * Hedge plants to be protected with 600mm Tubex Shelterguard Shrub Shelters supported by 32mm x 32mm fanalised stakes. Ia to be protected by Mesh Tree Guard Shelter
 * Hedges to be planted within off the roll fully bio-degradable weed control membrane to suppress weeds and conserve ground moisture. Product: EcoTex MulchMat by Hy-Tex or similar approved. Installed and secured with ground pegs in accordance with manufacturer
 * Shrubs to be sourced as local to the site as possible and "UK-Grown" in accordance with current bio-security best practice.

Mixed Species Native Buffer Planting Mix 1:

Name	Abb	Height	Root	Container	Habit	% in Mix
Acer campestre	Ac	40-60	UK Cell grown	/	Branched	20%
Bunyasrus europaeus	Be	40-60	UK Cell grown	/	Branched	15%
Ilex aquifolium	Ia	40-60	C (UK grown)	3L	Leader & Laterals	10%
Prunus spinosa	Ps	80-100	UK Cell grown	/	Branched	10%
Rosa arvensis	Ra	40-60	UK Cell grown	/	Branched	10%
Ulex europaeus	Ue	80-100	UK Cell grown	/	Branched	15%
Viburnum opulus	Vo	40-60	UK Cell grown	/	Branched	20%

Mixed Species Native Buffer Planting Mix 2:

Name	Abb	Height	Root	Container	Habit	% in Mix
Acer campestre	Ac	40-60	UK Cell grown	/	Branched	25%
Betula pendula	Bp	40-60	UK Cell grown	/	Branched	15%
Corylus avellana	Ca	40-60	UK Cell grown	/	Branched	15%
Crataegus monogyna	Cm	60-80	UK Cell grown	2L	Branched	20%
Ilex aquifolium	Ia	40-60	C (UK grown)	2L	Leader & Laterals	10%

Mixed Species Native Buffer Planting Mix 3:

Name	Abb	Height	Root	Container	Habit	% in Mix
Acer campestre	Ac	40-60	UK Cell grown	/	Branched	10%
Cornus sanguinea	Cs	40-60	UK Cell grown	/	Branched	20%
Crataegus monogyna	Cm	60-80	UK Cell grown	/	Branched	20%
Ilex aquifolium	Ia	40-60	C (UK grown)	2L	Leader & Laterals	5%
Prunus spinosa	Ps	80-100	UK Cell grown	/	Branched	15%
Salix caprea	Sf	60-80	UK Cell grown	/	Branched	15%
Ulex europaeus	Ue	40-60	UK Cell grown	/	Branched	15%

Notes:
 * Native buffer planting species to be planted at 2m spacing in a staggered matrix arrangement.
 * Plants to be protected with 600mm Tubex Shelterguard Shrub Shelters supported by 32mm x 32mm fanalised stakes. Ia to be protected by Mesh Tree Guard Shelter
 * Plants to be planted within off the roll fully bio-degradable weed control membrane to suppress weeds and conserve ground moisture. Product: EcoTex MulchMat by Hy-Tex or similar approved. Installed and secured with ground pegs in accordance with manufacturer
 * Shrubs to be sourced as local to the site as possible and "UK-Grown" in accordance with current bio-security best practice.

- Ecological Features Key:**
- Proposed Bird Nesting Boxes (4No)
To be Woodcreeper swift box
 - Proposed Bat Boxes (2No)
To be Beuamais Woodstone bat box
 - Proposed Hedgehog House (4No)
 - Proposed log habitat pile (4No)

Note: Indicative location of ecological features within the landscape shown on plan. Exact specification and location to be confirmed with project ecologist.
 For more information refer to Biodiversity Management Plan by Brooks Ecological Ref: ER-3806-08

NOTE: Provisions of Bat boxes should be installed on several retained mature trees along the eastern boundary, away from disturbance and light spill as per ecologists recommendations. For more information refer to: Bat Activity Survey Ref: R-3806-04 by Brooks Ecological

NOTE: For soft landscape specification notes refer to drawing 15313-VL_L03

Project Title	PROPOSED INDUSTRIAL UNIT	Client	GREGORY PROPERTIES
Site Name	DEARNE VALLEY PARKWAY BARNLEY	Drawn By	15315-VL_L03
Scale	1:250	Checked By	AS
Date	07/2022	Drawn Date	AD

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