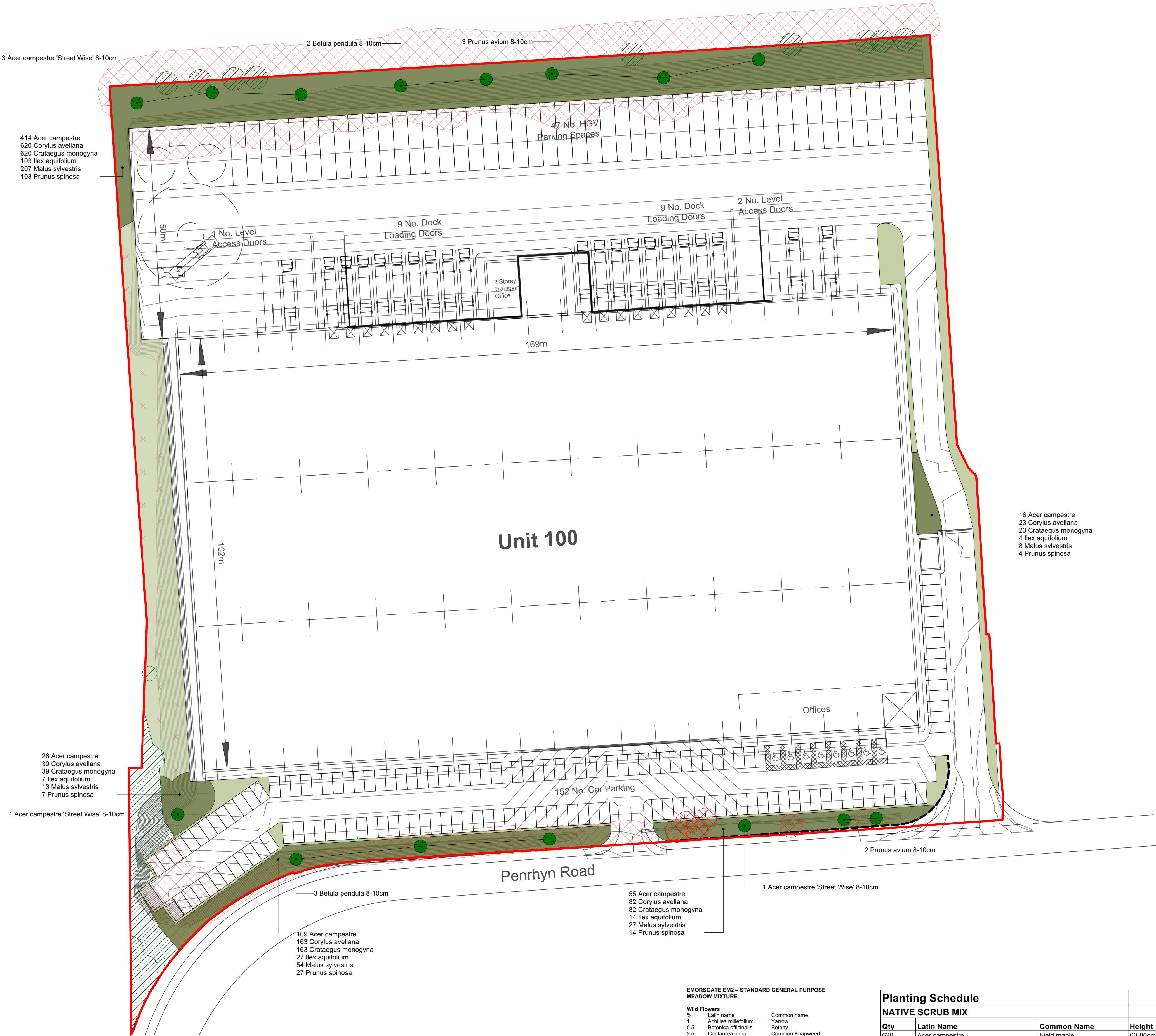




GENERAL NOTES

- All planting and seeding to be undertaken during the first planting season following completion of infrastructure. Deciduous trees and shrubs: Late October to late March. Conifers and evergreens: September/ October or April/ May. Container grown plants: At any time if ground and weather conditions are favourable (provide watering and weed control as necessary).
- Existing trees to be retained and protected throughout construction period in accordance with BS 5837 2012 - Trees in Relation to Design, Demolition and Construction - Recommendations.
- Materials and workmanship shall generally be in accordance with the following documents - BS3936 Nursery Stock and BS4428. Recommendations for General Landscape Operations. Plant material to be the sizes and dimensions as stated in the schedule and shall be healthy with good fibrous root systems.
- Site Preparation: Break up compacted soil to full depth for planting areas. Remove undesirable material brought to the surface. Apply approved herbicides as per manufacturer's guidelines to all areas to be seeded or planted and allow suitable time to elapse to ensure all weeds are dead before cultivation. Leave regular and even.
- Setting out of planted areas to be approved on site by Contract Administrator (CA). All tree and shrubs to be planted in top soil @ 450mm depth. Amenity Grass Areas will be sown in top soil @ 150mm depth.

PLANTS/TREES - GENERAL

- Condition: Materially undamaged, sturdy, healthy and vigorous.
- Appearance: Of good shape and without elongated shoots.
- Hardiness: Grown in a suitable environment and hardened off.
- Health: Free from pests, diseases, discolouration and weeds.
- Budded or grafted plants: Bottom worked.
- Root System and Condition: Balanced with branch system.
- Standard: The relevant parts of BS 3936.
- Species: True to Name.
- Origin/Provenance: British provenance as per the National Plant Specification.
- Names, Forms, Dimensions, Provenance and other Criteria: To BS 3936-1 Trees and Shrubs.
- Where proposed trees are located adjacent to roads/pathways root protection barriers to be provided on footpath side of tree pit. Where landscape works encroach on root protection areas non-dig / hand dig methods to be used in accordance with the Arboricultural Method Statement.

PROTECTION OF EXISTING GRASS

- General: Protect areas affected by operations using boards/tarpaulins.
- Excavated or imported material: Do not place directly on grass.
- Duration: Minimum period.

PLANTING OF TREES AND SHRUBS: -

- Individual trees to be double staked and tied above ground. All trees to be back filled with top soil and suitable organic material (to be specified). All trees to be protected by tree guards. Trees located within the highway edge or other public pedestrian locations within the site will need to be adequately protected (selected system to be approved). Trees planted in bare ground to have 1m radius circle of woodchip or crushed bark mulch to a depth of 100mm.

SHRUB PROTECTION:

- Manufacturer: Contractor's choice, to LA approval.
- Material: UV stabilised Polypropylene Shrub Shelter
- Size: 600mm high 63mm diameter.
- Support: Stout bamboo cane or softwood alternative.

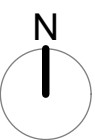
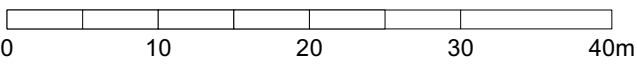
PROPOSED GRASSSLAND

- Follow supplier's guidance for seed quantities per area and sowing method and timing.
- Wildflower seed mix to be applied to subsoil following scraping off the topsoil.

PLANTING MAINTENANCE GENERALLY- REFER TO LANDSCAPE MANAGEMENT PLAN

NOTES

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KEY

- Site Boundary
- Existing vegetation to be removed
- Existing vegetation to be retained
- Existing wall / railing
- Proposed trees
- Native scrub
- Meadow seed mix (such as Emorsgate 'EM2 Standard General Purpose Meadow Mixture' or similar) 951m²
- Amenity grass mix (such as Emorsgate 'EG22 Strong Lawn Grass Mixture' or similar) 712m²

26 Acer campestre
39 Corylus avellana
39 Crataegus monogyna
7 Ilex aquifolium
13 Malus sylvestris
7 Prunus spinosa

1 Acer campestre 'Street Wise' 8-10cm

109 Acer campestre
163 Corylus avellana
163 Crataegus monogyna
27 Ilex aquifolium
54 Malus sylvestris
27 Prunus spinosa

55 Acer campestre
82 Corylus avellana
82 Crataegus monogyna
14 Ilex aquifolium
27 Malus sylvestris
14 Prunus spinosa

16 Acer campestre
23 Corylus avellana
23 Crataegus monogyna
4 Ilex aquifolium
8 Malus sylvestris
4 Prunus spinosa

Penrhyn Road

EMORSGATE EM2 - STANDARD GENERAL PURPOSE MEADOW MIXTURE

Wild Flowers	%	Latin name	Common name
1	0.5	Achillea millefolium	Yarrow
1	0.5	Betonica officinalis	Betony
2	2.5	Centaurea nigra	Common Knapweed
2	2.5	Daucus carota	Wild Carrot
1	1	Galium album	Hedge Bedstraw
3	6.8	Leucanthemum vulgare	Oxeye Daisy
0.1	0.1	Malva moschata	Musk Mallow
0.1	0.1	Plantago lanceolata	Ribwort Plantain
0.1	0.1	Poterium sanguisorba	Salad Burnet
0.1	0.1	Ranunculus acris	Meadow Buttercup
0.1	0.1	Rhisanthus minor	Yellow Rattle
0.3	20	Silene latifolia	White Campion

EMORSGATE EG22 - STRONG LAWN GRASS MIXTURE

Grasses	%	Latin name	Common name
5	50	Agrostis capillaris	Common Bent
25	25	Festuca rubra	Red Fescue
20	100	Lolium perenne	Perennial Ryegrass
10	100	Poa pratensis	Smooth-stalked Meadow-grass
Sowing Rates	kg/ha	kg/acre	g/m2
250	100	25	

Grasses	%	Latin name	Common name
6	28	Agrostis capillaris	Common Bent
24	24	Cynosurus cristatus	Crested Dogtail
28	4	Festuca rubra	Red Fescue
4	16	Phleum bertolonii	Smaller Cat's-tail
10	80	Poa pratensis	Smooth-stalked Meadow-grass
Sowing Rates	kg/ha	kg/acre	g/m2
40	16	4	

Planting Schedule

NATIVE SCRUB MIX

Qty	Latin Name	Common Name	Height	Form	Root Condition	Rate/Spacing	Container	Percentage
620	Acer campestre	Field maple	60-80cm	Whip	BR	1 Plants/sq m		20
927	Corylus avellana	Hazel, Cobnut	60-80cm	Whip	BR	1 Plants/sq m		30
927	Crataegus monogyna	Common hawthorn	60-80cm	Whip	BR	1 Plants/sq m		30
155	Ilex aquifolium	Holly	40-60cm	Whip	C	1 Plants/sq m	2L	5
309	Malus sylvestris	Crab Apple	60-80cm	Transplant	B	1 Plants/sq m		10
155	Prunus spinosa	Blackthorn	60-80cm	Whip	BR	1 Plants/sq m		5
0						0		0

TREES

Qty	Latin Name	Common Name	Height	Form	Root Condition	Clear Stem	Girth
5	Acer campestre 'Street Wise'	Field maple 'Streetwise'	250-300cm	Standard	RB	Min. 175cm	8-10cm
5	Betula pendula	Silver birch	250-300cm	Standard	RB	Min 175cm	8-10cm
5	Prunus avium	Gean, Wild cherry	250-300cm	Standard	RB	Min 200cm	8-10cm

P03	08/02/2022	Amendments based on comments	PM	CEH
P02	03/02/2022	Amendments based on comments	PM	CEH
P01	22.12.2021	FIRST ISSUE	PM	CEH

fpcr

client

Knowsley Redevelopments Ltd

project

Penrhyn Road, Knowsley Business Park, Merseyside

drawing title

Detailed Softworks Plan

scale

1:500 @ A1

document number

10585

scale

dm

PM

chik

CEH

date created

22 December 2021

status

S3

issue

P03

masterplanning

environmental assessment

landscape design

urban design

ecology

architecture

arboriculture

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scale 1:500 @ A1 dm PM chik CEH date created 22 December 2021

project number 10585 status S3 issue P03

document number 10585-FPCR-XX-XX-DR-L-0001

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