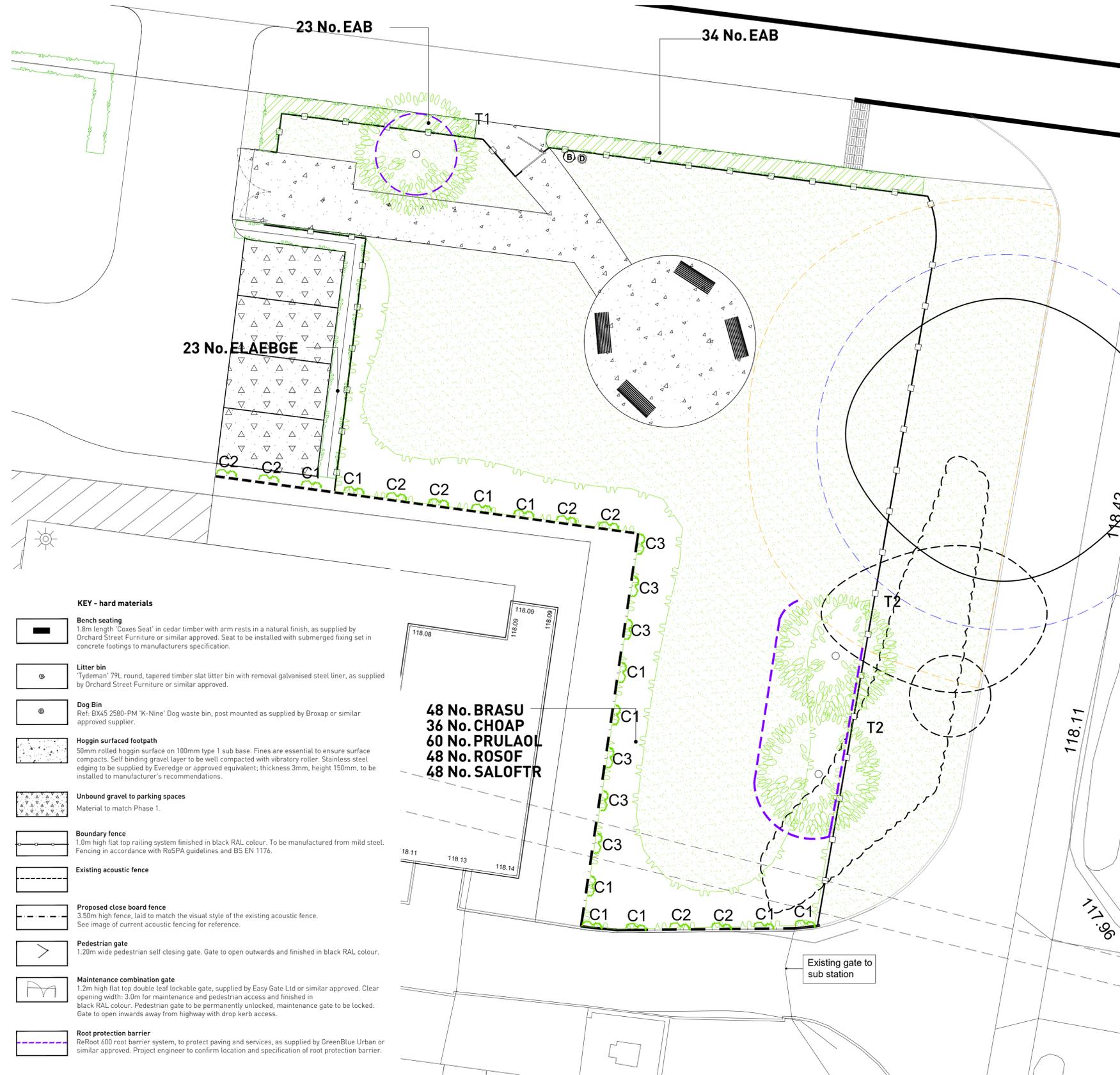


IMPLEMENTATION AND MAINTENANCE GUIDELINES

- 1.0 GENERAL**
- All plants shall conform to BS 3750 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the FFA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE. Planting shall not be carried out when the ground is waterlogged, frostbound or during periods of cold drying winds. All bare root stock shall be root dipped in an approved water-repairing polymer.
- If the formation level is compacted it should be ripped through before topsoiling.
Topsoil depths to be 450mm for shrub beds and 150mm for grass areas.
- 2.0 ORNAMENTAL SHRUBS AND TREES**
- 2.1 Ground Preparation**
Where necessary treat existing weeds with a glyphosate based herbicide and allow a suitable period as recommended by the manufacturer for this to take effect. A general purpose slow release fertiliser at the rate of 70g/m² and Tree Planting and Mulching Compost at the rate of 20kg/m² are to be incorporated into the top 150mm of topsoil during final cultivations. All extraneous matter such as plastic, wood, metal and stones greater than 50mm in any dimension shall be removed from site.
Tree pits are to be excavated and the base broken up a further 150mm with the sides well scarified to prevent smearing. All trees up to and including selected standards are to be supported with single 75mm diameter stakes. All rootball, container grown and trees over heavy standard size shall be double staked. Any feature trees semi mature in size to be secured with a below ground anchoring system (such as a deadman anchor). Stakes should be driven 500mm into undisturbed ground before planting the tree, taking care to avoid underground services and cables etc.
- 2.2 Planting**
Shrubs and hedges are to be set out as shown on the drawing and pit planted into the prepared soil at the specified centres with minimal disturbance to the rootball and well formed in.
Trees are to be placed into the pits and backfilled with topsoil incorporating slow release fertilizer and Tree Planting and Mulching Compost as specified. Firm trees in well and secure with proprietary rubber tree ties and spacers.
Water in all trees and shrubs at the end of each day of planting.
Spread ornamental pine bark mulch to a depth of 75mm across all new planting areas, ensuring groundcover plants are not buried.
- 2.3 Maintenance**
The landscape contractor shall maintain all areas of new planting for a period of 12 months following practical completion. All stock deemed to be dead, dying or diseased within the defects period shall be replaced by the contractor at his own cost.
The site is to be visited monthly throughout the year to undertake the following operations:
Weed clearance: All planting areas are to be kept weed free by hand weeding or herbicide treatment.
Litter clearance: All litter is to be removed from planting beds.
Watering: Planting areas are to be brought up to field capacity at each visit and each tree is to receive 20 gallons.
Check and stake: All tree ties and stakes are to be checked and adjusted if too loose, too tight or if chaffing is occurring. Any broken stakes are to be replaced.
Formative pruning: Any damaged shoots/branches are to be pruned back to healthy wood. Plants are to be pruned in accordance with good horticultural practice to maintain healthy well shaped specimens.
- 3.0 GRASS**
- 3.1 Preparation**
The area to be seeded shall be sprayed out with a glyphosate herbicide and cultivated to a depth of 100mm removing all weeds, debris and stones over 25mm diameter. The surface shall be raked to smooth flowing contours with a line lith, incorporating pre-seeding fertilizer at 20 g/m².
- 3.2 Turf**
Turfing operations shall be in accordance with BS 4428.
Whole turves shall be laid around the perimeter of the area to be turfed. The central area shall be laid in rows with staggered joints, well luted together, working from drains positioned on turves already laid. The turf shall be watered on completion. Any unevenness shall be made good by lifting the turf and adjusting the levels. Should shrinkage occur, fine topsoil shall be brushed into the joints.
- 3.3 Seeding**
Grass seed shall be sown in April during calm weather and not when the ground is frost bound or waterlogged. Seed shall be sown in two equal sowings in transverse directions at 25 g/m². After sowing the contractor shall lightly rake the seed into minimum contact with the soil. All seed mixes to be specified in accordance with those set out in the approved management plan.
- 3.4 Initial cut**
When newly seeded areas reach 50mm they should be cut back to a height of 30mm and then cut twice annually in early Spring and late Summer. All arisings shall be removed or spread evenly across grassland. Any bare patches shall be made good at this time.
- 4.0 TOPSOIL**
- 4.1 Existing Topsoil**
Pre-planting herbicide application:-
Apply to suitable spraying apparatus, an approved translocated systemic herbicide to the manufacturer's instructions and to 1997 Control of Pesticides Regulations and 2003 COSHH regulations on all beds, except those which are both weed free and are to receive aggregate sheet mulch. Spray immediately if any weeds are present. If none are showing, but there may be a delay before planting, the area is to be seeded, spray after one month following cultivation, to allow dormant seeds to terminate. All spraying shall be carried out by skilled and qualified operatives, using protective clothing, in suitable weather low wind and any damage caused by spray-drift, from incorrect usage or spillage, shall be rectified at the contractor's own cost. Repeat as necessary to ensure complete kill and take off all dead material from site.
Carry out the following works to the existing topsoil on site to ensure it conforms to BS 3882:2015, being free from rocks larger than 50mm diameter, concrete, all roots, wire, brick, and have less than 20% clay. Allow for pre-application of herbicide as above. Fertilise with 100g per meter square of Max 'Nutricote 180' slow release fertilizer, in accordance with the manufacturer's instructions. For beds less than 5 meters in width, fork over thoroughly or machine rotavate soil to a depth of 300mm, ensuring that the subgrade and topsoil are completely broken up and free draining, retaining any compaction. For beds greater than 5 metres in width, break up the subgrade and topsoil using a tractor mounted subsoiler or ripper at 500mm centres to a depth of 500mm, except where there are services, or within 10 metres of tree stems or 3 metres of existing hedges. Do not rip areas where roots greater than 100mm diameter are encountered.
- 4.2 Imported Topsoil**
Any imported topsoil for making up ground, shall conform to BS 3882:2015, and be free from rocks (over 50mm diameter), concrete, roots, wire and brick, and have less than 20% clay.



KEY - hard materials

-  **Bench seating**
1.8m length 'Coxes Seat' in cedar timber with arm rests in a natural finish, as supplied by Orchard Street Furniture or similar approved. Seat to be installed with submerged fixing set in concrete footings to manufacturers specification.
-  **Litter bin**
'Tydeman' 79L round, tapered timber slat litter bin with removal galvanised steel liner, as supplied by Orchard Street Furniture or similar approved.
-  **Dog Bin**
Ref. BX45 2580-PM 'K-Nine' Dog waste bin, post mounted as supplied by Broxap or similar approved supplier.
-  **Hoggin surfaced footpath**
50mm rolled hoggin surface on 100mm type 1 sub base. Fines are essential to ensure surface compacts. Self binding gravel layer to be well compacted with vibratory roller. Stainless steel edging to be supplied by Everedge or approved equivalent, thickness 3mm, height 150mm, to be installed to manufacturer's recommendations.
-  **Unbound gravel to parking spaces**
Material to match Phase 1.
-  **Boundary fence**
1.0m high flat top railing system finished in black RAL colour. To be manufactured from mild steel. Fencing in accordance with RoSPA guidelines and BS EN 1176.
-  **Existing acoustic fence**
-  **Proposed close board fence**
3.50m high fence, laid to match the visual style of the existing acoustic fence. See image of current acoustic fencing for reference.
-  **Pedestrian gate**
1.20m wide pedestrian self closing gate. Gate to open outwards and finished in black RAL colour.
-  **Maintenance combination gate**
1.2m high flat top double leaf lockable gate, supplied by Easy Gate Ltd or similar approved. Clear opening width: 3.0m for maintenance and pedestrian access and finished in black RAL colour. Pedestrian gate to be permanently unlocked, maintenance gate to be locked. Gate to open inwards away from highway with drop kerb access.
-  **Root protection barrier**
ReRoot 600 root barrier system, to protect paving and services, as supplied by GreenBlue Urban or similar approved. Project engineer to confirm location and specification of root protection barrier.



Current acoustic fencing

KEY

-  **Soft landscape proposals**
See plant schedule for details.
-  **Existing trees/vegetation to be removed**
-  **Existing trees/vegetation to be retained**
Root protection area (blue) and adjusted root protection area (yellow) to compensate for paving. Levels to be retained unchanged within RPAs.
-  **Areas of grass seed**
Amenity grass seed mix to informal areas.

PLANT SCHEDULE

TREES

REF	SPECIES	SUPPLY	SIZE(cm)	GIRTH(cm)	CTRS(m)
T1	Fagus sylvatica f. purpurea	SM	50+	20/25	as shown
T2	Carpinus betulus 'Frans Fontaine'	EHSd	450/650	18/20	as shown

All trees to be planted in accordance with the implementation and maintenance guidelines. The tree planting schedule and landscape proposals must be referred to by the Structural Engineer during foundation design. No tree species, size or location should be altered without prior approval from the Landscape Architect.

SINGLE SPECIES HEDGEROWS - for screening

ABBR	SPECIES	SUPPLY	SIZE(cm)	HABIT	CTRS(m)
ELAEGBE	Elaeagnus ebbingei 'Gilt Edge'	3L	40/60	Bushy	0.70
EAB	Escalonia 'Apple Blossom'	10L	60/80	Bushy	0.50

All hedgerow shrubs to be planted in accordance with the implementation and maintenance guidelines. The landscape proposals must be referred to by the Structural Engineer during foundation design. No hedgerow shrub species, size or location should be altered without prior approval from the Landscape Architect. Hedgerow shrubs to be planted in a single row within a 50cm wide bed and mulched in accordance with implementation and maintenance guidelines.

LAP SHRUB MIX

ABBR	SPECIES	SUPPLY	SIZE(cm)	HABIT	CTRS(m)
BRASU	Brachyglottis 'Sunshine'	2L	20/30	Bushy	0.70
CHOAP	Choisya 'Aztec Pearl'	2L	20/30	Bushy	0.70
SALOFTIR	Salvia officinalis 'Tricolor'	2L	20/30	Bushy	0.70
PENATH	Pennisetum alopecuroides 'Hamel'	2L	-	Bushy	0.70
ROSOF	Rosmarinus officinalis	2L	20/30	Bushy	0.70

All shrubs to be planted in accordance with the implementation and maintenance guidelines. No shrub species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 3-7.

CLIMBERS - To electric sub station buffer

ABBR	SPECIES	SUPPLY	SIZE(cm)	HABIT
C1	Humulus lupulus 'Aureus'	25L	-	Trellis Framework
C2	Jasminum nudiflorum	25L	80/100	Trellis Framework
C3	Clematis tangutica	25L	-	Trellis Framework

All feature climbers to be planted in accordance with the implementation and maintenance guidelines. No feature shrub species, size or location should be altered without prior approval from the Landscape Architect. Install support system of vine eyes and tensioned wire, such as 'Grippe Garden Wire,' 'Trellis It,' or approved equivalent. One vertical wire guying at each plant, plus one horizontal wire set 100mm below the top of the sound wall.

- N: 06/06/2019 (NF) Updated to client comments
 - M: 18/03/2019 (JB) Amendments to plant specifications and gates/railings.
 - L: 11/02/2019 (AF) Updated to client comments.
 - K: 12/11/2018 (JB) Updated to client comments.
 - J: 12/02/2018 (LB) Updated to suit latest Arb report at client request.
 - H: 18/01/2018 (LB) Updated to suit client comments.
 - G: 17/01/2018 (LB) Updated to suit client comments.
 - F: 15/01/2018 (LB) Updated to suit client comments.
 - E: 15/11/2017 (LB) Drawing title change at client request.
 - D: 08/11/2017 (LB) Close board fence information updated as client request.
 - C: 03/11/2017 (LB) Updated to suit client comments.
 - B: 02/10/2017 (LB) Updated to suit client comments.
 - A: 12/10/2017 (LB) Updated to suit client comments and latest layout.
- Revisions:
First Issue: 31/08/2017 LB

Eastern Gateway Pocket Park Detailed Proposals

Drawing Ref: **Bir.4322_35-N**
Client: **Dorchester Group**

Date : 31/08/2017
Drawn by : WM/LB
Checked by : AP
Scale : 1 : 100 @ A1

Pegasus Group