

KEY



Existing trees to be retained

Root protection areas shown as circular dashed line if known.



Existing trees to be removed



Soft landscape proposals

Refer to plant schedule for details.



Grass/Areas of turf

Rollawn medallion turf to front gardens, with an amenity grass seed mix to Informal areas.



Mown footpath

1.5m mown footpath through meadow grassland.

5-A-SIDE SCHEDULE



A9 'General Outfield' grass seed mix - to cricket outfield

Grass seed forms a resilient surface of sports outfield. A9 General Outfield grass seed mix as supplied by Germinal Seeds Amenity or similar approved.



White lining

The pitch is marked with lines 8cm wide. Lines should preferably be coloured white or yellow. The pitch is divided into two halves by the halfway line. The centre mark is positioned at the mid point of the halfway line. A circle with a radius of 3.0m is marked around it. The penalty area for each goal is formed by a semi-circle of radius 6m measured from the midpoint of the goal line. The penalty mark should be 6m from the mid point between the goal posts and equidistant from them. Corner arcs should be marked as quarter circles of radius 25cm from each corner of the pitch drawn inside the pitch.



Goal posts

BX/DC 2960/76L-PAK1 Locking Heavyweight Socketed Mini Soccer Goals Package (pair of goals) as supplied by Broxap/Stadia Sports. Goals should be certified as complying with BS 8462: Specification for Goals for Youth Football, Futsal, Mini-soccer and Small-Sided Football and they should be purchased, installed and maintained in accordance with BS 8461: Football Goals - Code of Practice for their procurement, installation, maintenance, storage and inspection.

LAP PLAY AREA SCHEDULE



Litter bin

Ref: TydeLB 'Tydeman' litter bin as supplied by Orchard Street Furniture or similar approved.



Rolled gravel/hoggin footpath

50mm rolled hoggin surface on 100mm type 1 sub base. Block edged, WHERE FOOTPATH CONFLICTS WITH ROOT PROTECTION AREA OF TREE THE FOOTPATH CONSTRUCTION MUST BE OF 'NO DIG' AND ABOVE EXISTING GROUND LEVEL.



Play area signage

Possible location for play area signage. Sign to be supplied and erected stating that the play area is a 'Dog Free' zone and any other information required. Exact wording to be agreed with the Local Planning Authority.



Proposed 0.45 metre high timber knee rail

To Local Authority approved specification. Knee rail as supplied by Jacksons Fencing or similar approved. Chicane detail to play area entrances.



'No Dog' paving slab

Paving slabs at entrances by Paragon ref: 6120-186 or similar approved product.



Bench seat

Ref: Coxes18S 'Coxes' seat, 1.8m length as supplied by Orchard Street Furniture or similar approved. Seat to be installed with submerged fixing set in concrete footings to manufacturers specification.



Play equipment schedule (LAP)

1. Playo chain-linked train

Train, Playo range as supplied by Elbe play Ltd.

2. Robinia Seesaw (LE20581U)

Norleg Robinia range as supplied by Norleg.

All play equipment and layout proposals to be specified in accordance with the requirements set out under BS EN 1176 and the Disability Discrimination Act. Following the agreement of play equipment and the general arrangement the selected manufacturer's details will be submitted to the local council for approval along with the finalised proposals and accompanying certificates and details.



Reinforced grass safety surfacing

To reduce wear and tear surrounding play equipment. Play manufacturers to detail in accordance with EN 1176.

The main site plan shows a 5-A-side Football Pitch (27.45m x 18.30m) with a 1% gradient. To the right is a Balancing Pond. Various trees are marked with codes: AT1, AT4, AT5, T5, S2, S1. A list of trees is provided: 38 No. ACECAM, 25 No. CORSA, 25 No. CORAV, 62 No. CRAMON, 25 No. ILEAQ, 38 No. PRUSP, 13 No. ROSCA, 25 No. VIBOP. A list of trees for the pond area is provided: 4 No. LONNIMG, 7 No. CHOTES, 4 No. PRULAOL, 7 No. LONNIMG, 7 No. BAMJUMA, 7 No. HEBPQ, 8 No. LAVANMU, 6 No. HEBPQ, 6 No. LONNIMG, 9 No. AUCJA, 11 No. CORAL, 9 No. ELAEB, 11 No. LIGOV, 9 No. PRULU, 9 No. VIBTI, 6 No. CORAV, 17 No. CRAMON, 6 No. ILEAQ, 8 No. PRUSP, 2 No. ROSCA, 21 No. VINMI, 28 No. VINMI, 36 No. LIGVU, 4 No. CEATHR.

LAP Play Equipment Images

1. Chain-linked Train
Playo Chain-Linked Train (5590790) Playo range, as supplied by Elbe play Ltd
Play enrichment: Fantasy, social, relaxing
Age range: 3+ Years

2. Seesaw
Seesaw (LE20581U), Norleg Robinia range, as supplied by Norleg
Play enrichment: Rocking, social, interaction

IMPLEMENTATION AND MAINTENANCE GUIDELINES

1.0 GENERAL

All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HTA 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-retaining polymer.

If the formation level is compacted it should be ripped through before topsoiling. Recommended topsoil depths are 300mm for shrubs and 150mm for grass.

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 75gm/m² and Tree Planting and Mulching Compost at the rate of 20l/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 to the specified size 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. 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 firmed 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 plants 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.
Checking trees: 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 NATIVE SHRUB PLANTING

3.1 Ground Preparation
The extent of the planting area shall be set out using 38x38x1200mm timber stakes at each change in direction and at a maximum of 50m intervals.

Either : for notch planting
All herbaceous material within the proposed planting area shall be sprayed out using an approved herbicide at least two weeks before planting and the ground shall be cultivated to a depth of 150mm.
or : for pit planting
A 900mm diameter circle shall be sprayed out at each planting station using an approved herbicide at least two weeks before planting.

3.2 Planting
All bare rooted stock is to be root dipped in water retaining polymer. Proposed planting is to be planted on an informal grid. To avoid straight lines each planting station can be moved by up to 300mm in any direction.

Either a for shelters or b for rabbit fence
a. All stock to be protected from rabbit damage using approved proprietary tree and shrub shelters, 900mm and 600mm high respectively, secured with stakes and ties as advised by the manufacturer.
b. All stock to be protected from rabbit damage by 900mm high rabbit fencing erected in accordance with the manufacturers recommendations.

3.3 Maintenance
Using approved herbicides a 900mm diameter circle centered on each planting station shall be kept weed free throughout the maintenance period.

Each Autumn after planting and until handover to the adopting authority, the contractor will prepare a list of all plants which are dead, dying or diseased and will replace these during the following planting season.

4.0 GRASS

4.1 Preparation
The area to be turfed or 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 fine tllth, incorporating pre-seeding fertiliser at 70 g/m².

4.2 Delivery and Storage
Turf shall be supplied in accordance with BS3936.

Turf shall be Medallion as supplied by Rowlawn. It shall be close textured and green in colour and be sufficiently fibrous to withstand handling. Turves shall be regular in shape, 300mm wide and of uniform thickness (minimum 25mm). The grass shall be closely mown and shall not exceed 25mm in height.

Turf shall be stacked in piles of up to 1 metre. It shall not be laid in frosty or waterlogged conditions and shall not be stacked in rolls for more than three days.

4.3 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 butted together, working from planks 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.

4.4 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 35 g/m². After sowing the contractor shall lightly rake the seed into intimate contact with the soil.

4.5 Initial cut
When newly seeded and turfed areas reach 50mm they should be lightly rolled and cut to a height of 30mm. All arisings shall be removed. Any bare patches shall be made good at this time. Seeded areas shall be cut for a second time when the sward reaches 50mm high.

PLANT SCHEDULE

TREES					
REF	SPECIES	SUPPLY	SIZE(cm)	GIRTH(cm)	CTRS(m)
AT1	Pinus nigra	CG	200/250	-	As shown
AT2	Betula pendula	EHSId	425/600	14/16	As shown
AT3	Pinus wallachiana	CG	200/250	-	As shown
AT4	Fagus sylvatica	EHSId	425/600	14/16	As shown
AT5	Alnus glutinosa	EHSId	425/600	14/16	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. CG - Container Grown.

HEDGEROWS					
ABBR	SPECIES	SUPPLY	SIZE(cm)	HABIT	CTRS(m)
LIGVU	Ligustrum vulgare	3L	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.

SHRUBS/HERBACEOUS to LAP					
ABBR	SPECIES	SUPPLY	SIZE(cm)	HABIT	CTRS(m)
BAMJUMA	Fargesia muriellae 'Jumbo'	7.5L	-	Full Pot	As shown
HEBPQ	Hebe 'Purple Queen'	10L	30/40	Bushy	As shown
LAVANMU	Lavandula ang. 'Munstead'	10L	30/40	Bushy	As shown
LONNIMG	Lonicera nitida 'May Green'	10L	40/60	Bushy	As shown

SEMI-ORNAMENTAL MIX					
ABBR	SPECIES	SUPPLY	SIZE(cm)	HABIT	CTRS(m)
AUCJA	Aucuba japonica	3L	30/40	Bushy	0.75
CORAL	Cornus alba	3L	40/60	Branched	0.75
ELAEB	Eleagnus x ebbingei	3L	40/60	Bushy	0.75
LIGOV	Ligustrum ovalifolium	3L	30/40	Bushy	0.75
PRULU	Prunus lusitanica	3L	40/60	Bushy	0.75
VIBTI	Viburnum tinus	3L	40/60	Bushy	0.75

NATIVE SHRUB MIX 1					
ABBR	SPECIES	SUPPLY	SIZE(cm)	BREAKS	CTRS(m)
ACECAM	Acer campestre	T1+1	60/80	5	1.50
CORSA	Cornus sanguinea	T1+1	60/80	5	1.50
CORAV	Corylus avellana	T1+1	60/80	5	1.50
CRAMON	Crataegus monogyna	T1+1	60/80	5	1.50
ILEAQ	Ilex aquifolium	2L	60/80	5	1.50
PRUSP	Prunus spinosa	T1+1	60/80	5	1.50
ROSCA	Rosa carina	T1+1	60/80	5	1.50
VIBOP	Viburnum opulus	T1+1	60/80	5	1.50

NATIVE SHRUB MIX 2					
ABBR	SPECIES	SUPPLY	SIZE(cm)	BREAKS	CTRS(m)
CORAV	Corylus avellana	T1+1	60/80	5	1.00
CRAMON	Crataegus monogyna	T1+1	60/80	5	1.00
ILEAQ	Ilex aquifolium	2L	60/80	5	1.00
PRUSP	Prunus spinosa	T1+1	60/80	5	1.00
ROSCA	Rosa carina	T1+1	60/80	5	1.00

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.

GENERAL PURPOSE MEADOW MIXTURE (EM1 from Emorsgate or similar approved)					
Wild flowers	(%)	Grasses	(%)		
Achillea millefolium	Yarrow	0.5	Agrostis capillaris	Common Bent	8
Centaurea nigra	Common Knapweed	2	Cynosurus cristatus	Crested Dogtail	40
Daucus carota	Wild Carrot	1	Festuca rubra ssp. juncea	Slender-creeping	28
Galium verum	Lady's Bedstraw	2	Phleum bertolonii	Smaller Cat's-tail	4
Leucanthemum vulgare	Hoary Plantain	2			
Plantago media	Selfheal	2			
Ranunculus acris	Meadow Buttercup	2			
Rumex acetosa	Common Sorrel	1			
Sanguisorba minor	Salad Burnet	3			
Silene dioica	Red campion	2.5			
				Sown at 4g/m2	

Grass seed mixtures to be sourced from certified local provenance seed stock. Ground surface will be cleared of weed growth either removed by hand or through the application of an approved Glyphosate based herbicide (all herbicides should only be handled by certified users and in accordance with the COSHH Regulations 2002). The ground will then be ploughed and raked to produce a medium tilth. Sowing operation will be carried out in Spring or late Autumn at a rate indicated. The grass will be allowed to establish over the first growing season with a single mowing operation in the Autumn to top out any weed growth. On-going mowing operations will be carried out either once annually in the Spring, or twice annually in Spring and Autumn if grass species become dominant. Grass will not be cut during late Spring and Summer months to allow flower and herb species time to germinate.

MEADOW MIXTURE FOR WETLANDS (EM8 from Emorsgate or similar approved)					
Wild flowers	(%)	Grasses	(%)		
Achillea millefolium	Yarrow	0.5	Agrostis capillaris	Common Bent	12
Betonica officinalis	Betony	0.5	Alopecurus pratensis	Meadow Foxtail	4
Centaurea nigra	Common Knapweed	2	Anthoxanthum odoratum	Sweet Vernal-grass	2
Filipendula ulmaria	May's Bedstraw	1.5	Cynosurus cristatus	Crested Dogtail	36
Galium verum	Lady's Bedstraw	1	Deschampsia cespitosa	Slender Vernal-grass	1
Leucanthemum vulgare	Hoary Plantain	1.5	Festuca rubra ssp. juncea	Slender-creeping Red-fescue	25
Lotus pedunculatus	Greater Birdfoot Trefoil	0.5			
Plantago lanceolata	Ribwort Plantain	1			
Primula veris	Cowslip	1			
Primula vulgaris	Selfheal	2			
Ranunculus acris	Meadow Buttercup	2.5			
Rhinanthus minor	Yellow Rattle	1.3			
Rumex acetosa	Common Sorrel	1			
Sanguisorba officinalis	Great Burnet	0.5			
Silene alba	Pepper Saxifrage	1.5			
Silene flos-cuculi	Ragged Runt	0.2			
Succisa pratensis	Dwelfs-bit Scabious	0.5			
Vicia cracca	Tufted Vetch	1			
				Sown at 4g/m2	

Grass seed mixtures to be sourced from certified local provenance seed stock. Ground surface will be cleared of weed growth either removed by hand or through the application of an approved Glyphosate based herbicide (all herbicides should only be handled by certified users and in accordance with the COSHH Regulations 2002). The ground will then be ploughed and raked to produce a medium tilth. Sowing operation will be carried out in Spring or late Autumn at a rate indicated. The grass will be allowed to establish over the first growing season with a single mowing operation in the Autumn to top out any weed growth. On-going mowing operations will be carried out either once annually in the Spring, or twice annually in Spring and Autumn if grass species become dominant. Grass will not be cut during late Spring and Summer months to allow flower and herb species time to germinate.

NOTES

- All landscape proposals must be referred to by the Structural Engineer during foundation design.
- design.
- Soiling operations to be carried out in accordance with the implementation and maintenance guidelines.
- All planting to be in accordance with the implementation and maintenance guidelines. No species, variety, size or position to be amended without the Landscape Architects prior approval.
- Before trees are planted, the Landscape Contractor shall ascertain the location of drains from the site manager, and shall if necessary make minor adjustments to tree positions to ensure that they are planted at least 1.5m from drains. They should however be planted no closer to houses/garages than is shown on the drawing, and if shown located in shrub beds, the shape of the latter should be adjusted if necessary to accommodate the revised tree position.
- All planting must be mulched in accordance with the implementation and maintenance guidelines.
- If planting is required outside the October-March season, bare root shrubs will be replaced by 3L pot grown plants, and trees will be replaced by a containerised equivalent to be approved by the project landscape architect.

Phase 2, Heyford Park

Public Open Space Proposals
Airfield Park

Client:
Dorchester Group

www.pegasuspg.co.uk
Team AP
17/12/2014
Scale: 1:200 @A1

Bir.4322_22E

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