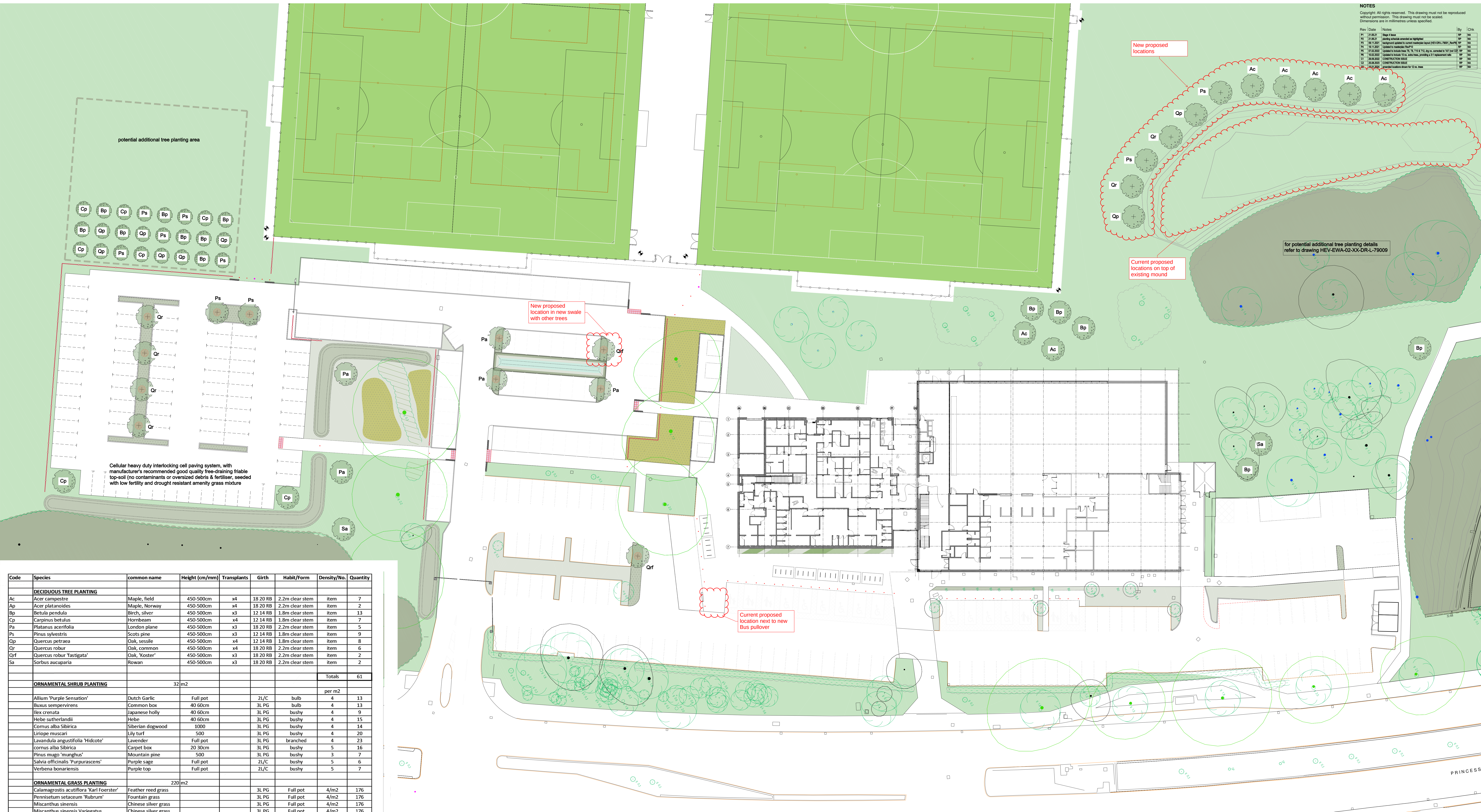




NOTES				
Copyright: All rights reserved. This drawing must not be reproduced without permission. This drawing must not be scaled. Dimensions are in millimetres unless specified.				
Rev	Date	Notes	By	CHK
P1	20.08.21	Stage 4 Issue	BP	NA
P2	20.08.21	planting schedule amended as highlighted	BP	NA
P3	06.11.2021	Amendment added to cover materials listed HEV-EWA-02-XX-DR-L-79401_Paving	BP	NA
P4	16.11.2021	Updated to include trees 16, 17, 18 & 19. See also note, providing a 1:1 replacement ratio	BP	NA
P5	02.02.2022	Updated to include trees 16, 17, 18 & 19. See also note, providing a 1:1 replacement ratio	BP	NA
P6	16.02.2022	Updated to include trees 16, 17, 18 & 19. See also note, providing a 1:1 replacement ratio	BP	NA
C1	26.06.2022	CONSTRUCTION ISSUE	BP	NA
C2	26.06.2022	CONSTRUCTION ISSUE	BP	NA
C3	26.06.2022	Amended locations shown for 12m trees	BP	NA

Code	Species	common name	Height (cm/mm)	Transplants	Girth	Habit/Form	Density/No.	Quantity
DECIDUOUS TREE PLANTING								
Ac	Acer campestre	Maple, field	450-500cm	x4	18 20 RB	2.2m clear stem	item	7
Ap	Acer platanoides	Maple, Norway	450-500cm	x4	18 20 RB	2.2m clear stem	item	2
Bp	Betula pendula	Birch, silver	450-500cm	x3	12 14 RB	1.8m clear stem	item	13
Cp	Carpinus betulus	Hornbeam	450-500cm	x4	12 14 RB	1.8m clear stem	item	7
Pa	Platanus acerifolia	London plane	450-500cm	x3	18 20 RB	2.2m clear stem	item	5
Ps	Pinus sylvestris	Scots pine	450-500cm	x3	12 14 RB	1.8m clear stem	item	9
Qp	Quercus petraea	Oak, sessile	450-500cm	x4	12 14 RB	1.8m clear stem	item	8
Qr	Quercus robur	Oak, common	450-500cm	x4	18 20 RB	2.2m clear stem	item	6
Qrf	Quercus robur 'fastigata'	Oak, 'Koster'	450-500cm	x3	18 20 RB	2.2m clear stem	item	2
Sa	Sorbus aucuparia	Rowan	450-500cm	x3	18 20 RB	2.2m clear stem	item	2
							Totals	61
ORNAMENTAL SHRUB PLANTING								
			32 m2					per m2
	Allium 'Purple Sensation'	Dutch Garlic	Full pot		2L/C	bulb	4	13
	Buxus sempervirens	Common box	40 60cm		3L PG	bulb	4	13
	Ilex crenata	Japanese holly	40 60cm		3L PG	bushy	4	9
	Hebe sutherlandii	Hebe	40 60cm		3L PG	bushy	4	15
	Cornus alba Sibirica	Siberian dogwood	1000		3L PG	bushy	4	14
	Lilium 'Lilium'	Lily turf	500		3L PG	bushy	4	20
	Lavandula angustifolia 'Hidcote'	Lavender	Full pot		3L PG	branched	4	23
	Cornus alba Sibirica	Carpet box	20 30cm		3L PG	bushy	5	16
	Pinus mugo 'mungus'	Mountain pine	500		3L PG	bushy	3	7
	Salvia officinalis 'Purpurascens'	Purple sage	Full pot		2L/C	bushy	5	6
	Verben bonariensis	Purple top	Full pot		2L/C	bushy	5	7
ORNAMENTAL GRASS PLANTING								
			220 m2					
	Calamagrostis acutiflora 'Karl Foerster'	Feather reed grass			3L PG	Full pot	4/m2	176
	Pennisetum setaceum 'Rubrum'	Fountain grass			3L PG	Full pot	4/m2	176
	Miscanthus sinensis	Chinese silver grass			3L PG	Full pot	4/m2	176
	Miscanthus sinensis Variegatus	Chinese silver grass			3L PG	Full pot	4/m2	176
	Stipa tenuifolia	Mexican feather grass			3L PG	Full pot	4/m2	176
MARGINAL PLUG PLANTING TO BASE OF SWALES (Base of Swale, = 50 sqm)								
	Acorus calamus	Full pot		BR Plug	10%	5/m2		
	Alisma plantago-aquatica	Full pot		BR Plug	10%	5/m2		
	Butomus umbellatus	Full pot		BR Plug	10%	5/m2		
	Callitha palustris	Full pot		BR Plug	10%	5/m2		
	Iris pseudocacorus	Full pot		BR Plug	20%	5/m2		
	Myosotis scorpiodes	Full pot		BR Plug	10%	5/m2		
	Ranunculus lingua	Full pot		BR Plug	10%	5/m2		
	Sagittaria sagittifolia	Full pot		BR Plug	10%	5/m2		
	Sparganium emersum	Full pot		BR Plug	10%	5/m2		
PLANTING TO TOP OF SWALE BANKS (Banks of Swale area = 50 sqm)								
	Butomus umbellatus	Full pot		BR Plug	20%	5/m2		
	Glyceria fluitans	Full pot		BR Plug	20%	5/m2		
	Juncus effusus	Full pot		BR Plug	20%	5/m2		
	Lythrum salicaria	Full pot		BR Plug	20%	5/m2		
	Menyanthes trifoliata	Full pot		BR Plug	10%	5/m2		
	Menyanthes trifoliata	Full pot		BR Plug	10%	5/m2		
BULB PLANTING (325 sqm)								
	Crocus (white, lilac and purple mix)				bulb	25%	10/m2	
	Hyacinthoides non-scripta				bulb	25%	10/m2	
	Narcissus 'King Alfred'				bulb	25%	10/m2	
	Narcissus pseudonarcissus				bulb	25%	10/m2	
GRASS SEED MIXES								
	Wetland Swale mix - WFG 9	NBS Ss 45 35 45 33 45 33	Grass & Wildflower seeding systems					
	Neutral Soils mix - WFG 4	NBS Ss 45 35 45 33 45 33	Grass & Wildflower seeding systems					
	Shade tolerant grass mix- A6	NBS Ss 45 35 45 35 45 35	Grass seeding systems					
	General amenity grass- A9	NBS Ss 45 35 45 35 45 35	Grass seeding systems					

SEMI-MATURE BROADLEAF TREE PLANTING
16-20cm girth.
Refer to planting schedule for details and specification. To be planted in minimum 900mm deep soil. Refer to planting details and specification.

EARTHWORKS AND WILDFLOWER SEEDING
0.6m high earthworks with wildflower seeding.
WFG 4

PROPOSED SHADE TOLERANT GRASS MIX WITH SEASONAL BULB PLANTING
Shade tolerant grass mix - A6.
Seasonal bulb interspersed throughout the grass area.

ORNAMENTAL GRASS PLANTING
Throughout parking bay divisions. Planting in a minimum 450mm deep soil with a minimum of 75mm bark mulch dressing. Refer to schedule for species.

EXISTING GRASS TO PLAYING FIELD RETAINED
Re-sown to disturbed areas, amenity grass seed mix.
General amenity grass - A9.

ORNAMENTAL SHRUB PLANTING
Banks of single species shrubs.
Planting in a minimum 450mm deep soil with a minimum of 75mm bark mulch dressing. Refer to schedule for species.

PLUG PLANTING AND WILDFLOWER SEED MIX TO SWALE
Germinal Amenity WFG9 Wetland and Pond, or similar approved, Wildflower seed mix and Plug plants to swale. Refer to schedule for species. Geotextile bank reinforcement system to swale - Boddingtons Terram Geocell or similar approved.

TREE-PIT - HARD PAVING
refer to drawing HEV-EWA-02-XX-DR-L-79401 Tree Details

TREE-PIT - PLANTING BEDS
refer to drawing HEV-EWA-02-XX-DR-L-79401 Tree Details

- Planting Notes:**
- Plant handling at the nursery, and during transit up to delivery shall be in accordance with 'Plant Handling' the booklet published by the Committee for Plant Supply and Establishment (CPSE). The contractor shall comply with clauses 3 & 4 of the above booklet (obtained from the Horticulture Trades Association) which refers to the receipt, unloading and temporary storage of plants.
 - Plants shall be first class examples of their species or variety, free from all pests and diseases with good fibrous root systems and materially undamaged. (Refer to relevant sections of BS3938 Parts 1-4 'Specification of Nursery Stock')
 - All planting is to be in general compliance with BS4428: 1989 'Code of Practice for general landscape operations (excluding hard surfaces)'.
 - All trees are to be staked and secured as followed:
I) All semi mature trees are to be underground guyed, detail to be confirmed.
II) All Extra Heavy standard trees are to be double staked to 750mm above ground and secured using a single rubber tie. Detail to be confirmed.
 - One number 80litre bag of tree planting compost (from peat is to be incorporated into two EHS tree pits or 4 Sel Std tree pits. Compost must be thoroughly mixed with with excavated (or imported) topsoil. Trees shall be planted in tree pits large enough to accommodate tree roots when fully spread.
 - Trees planted in grass are to have a 500mm diameter clear zone to the base and are to be mulched to a depth of 50mm with approved medium grade tree bark.
 - The contractor must ascertain for himself the exact location of any underground services and maintenance points.
 - All seeding, turfing and planting is to be implemented into ground prepared by the main contractor. All hedgerow whips and understorey whip planting are to be pit planted and backfilled with P4 Water Retaining Polymer and Enmag slow release fertiliser. Rates of application to Manufacturers recommendations.
 - Water as necessary to ensure the establishment and continued thriving of planted and grassed matter.
 - Carry out all work when soil and weather conditions are suitable:
I) Do not plant during periods of frost or strong winds. Plant only during the following periods:
Bare root deciduous trees and shrubs: Late October to late March
Container grown plants: At any time if ground water and weather conditions are favourable.
Ensure that adequate watering and weed control is available.
 - All areas of ornamental shrub planting & hedging are to be mulched to a consolidated depth of 75mm using an approved amenity grade bark mulch.

Maintenance Notes-these notes are for guidance only. Please refer to dedicated report for detailed information

- Maintenance is to be carried out on a monthly basis (12m annual At each visit the following operations are to be carried out:
a- Check and firm all planted material including tree stakes and ties. Adjust any ties that are loose or rubbing. Tree stakes are to be removed following the second growing season following establishment.
Also check materials after stormy or windy conditions.
b- Check for pests and diseases and treat appropriately
c- Remove all weeds and unwanted material via a combination of chemical and hand weeding operations to maintain a 1m clear area around each whip.
d- Pick up all litter and remove all arisings from site
e- Sweep all paths and roadways and dispose of site
f- Remove any dead material from site
g- Mow all seeded and turfed areas to a height of 50mm for the first cut following sowing and 20mm for each cut thereafter (15 cuts annually - fortnightly during the growing season. No cuts between Nov March).
h- Water as necessary to ensure the continuing health of all plants and grass
- Carry out the following operations every 6 months:
a- Apply an approved fertilizer (non residual) to all planted material during spring and autumn
b- Apply an approved fertilizer to low maintenance grass areas during spring and autumn
c- Clip hedges to achieve the mature height of 1.2m. Leader growth to be left until this height is achieved and then lateral growth promoted.
- Carry out the following operations annually:
a- During autumn or following flowering prune all shrub material in accordance with good horticultural practice
b- Check all tree stock and carry out any necessary pruning (in accordance with good horticultural practice) to remove dead, dying, diseased or dangerous limbs or to achieve a balanced crown.
c- Top up all areas of bark mulch to a consolidated depth of 50mm
d- Replace any material which has failed over the previous 12 months
e- Edge all grassed areas adjacent to hard standing, shrub beds and around trees in grass during spring

Workmanship and Maintenance Generally
All works will be subject to the following British Standards :-
B.S. 4428 : 1989 : General Landscape Operations
B.S. 3938 : Part 1 : 1981 : Specification for Trees and Shrubs
B.S. 5837 : 2012 : Trees in Relation to Construction

