

potential additional tree planting area

Cellular heavy duty interlocking cell paving system, with manufacturer's recommended good quality free-draining friable top-soil (no contaminants or oversized debris & fertiliser, seeded with low fertility and drought resistant amenity grass mixture)

for potential additional tree planting details refer to drawing HEV-EWA-02-XX-DR-L-79009

NOTES
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Dimensions are in millimetres unless specified.

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
Po	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								
Allium 'Purple Sensation'	Dutch Garlic	Full pot					per m2	
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		
Liriope muscari	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 'munghus'	Mountain pine	500	3L PG	bushy	3	7		
Salvia officinalis 'Purpurascens'	Purple sage	Full pot	2L/C	bushy	5	6		
Verbena bonariensis	Purple top	Full pot	2L/C	bushy	5	7		
ORNAMENTAL GRASS PLANTING								
Calamagrostis acutiflora 'Karlförster'	Feather reed grass	220 m2	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		

 SEMI-MATURE BROADLEAF TREE PLANTING 18-20cm girth. Refer to planting schedule for details and specification. To be planted in minimum 900mm deep soil. Refer to planting details and specification.  EARTHWORKS WITH WIDFLOWER SEEDING 0.6m high earthworks with wildflower seeding. BSH WFG 4	Planting Notes: - Plant handling at the nursery, and during transport up to delivery shall be in accordance with 'Plant Handling' 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 BS3936 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 follows: I) All semi mature trees are to be underground girded, 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 808mm bag of tree planting compost (not peat) is to be incorporated into two EHS tree pits or 4 x 500mm tree pits. Compost must be thoroughly mixed 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 be in accordance with 'Plant Handling' booklet published 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 hedgehog whips and understorey whip planting are to be pit planted and backfilled with P4 Water Retaining Polymer and Emmag slow release fertiliser at rates of application to Manufacturers recommendations. - Grass 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 (12mr 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 ground becomes frosty 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 alisings from site e- Sweep all paths and roadways and dispose off 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 - Forthrightly 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 pruned. - 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 All replacements are to be of equal specification as the original and the replacement schedule is to be agreed with the CA prior to implementation. Any deviation from the species list must be agreed with the CA. e- Edge all grassed areas adjacent to hard standing, shrub beds and around trees in grass during spring
 EXISTING GRASS TO PLAYING FIELD RETAINED Re-sown to disturbed areas, amenity grass seed mix. General amenity grass - A4.  ORNAMENTAL SHRUB PLANTING Bands of single species shrubs. Planting in a minimum 450mm deep soil with a minimum of 75mm bark mulch dressing. Refer to scheduling for species.  PLUG PLANTING AND WIDFLOWER SEED MIX TO SWALE British Seed House WFG60 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.			Workmanship and Maintenance Generally All works will be subject to the following British Standards > B.S. 4428 : 1989 : General Landscape Operations B.S. 2638 : Part 1 : 1980 : Specification for Trees and Shrubs B.S. 3836 : Part 10 : 1981 : Specification for Ground Covers B.S. 5837 : 2012 : Trees in Relation to Construction Project Number: 2638 Project Name: HUGH END SPORTS VILLAGE Drawing Status: S2 Drawing Number: HEV-EWA-02-XX-DR-L-79008 Drawing Name: SOFTWAREWORKS PLAN Date: 30.03.2021 Drawn By: RP Rev: PE Scale: 1:250 @ A0 