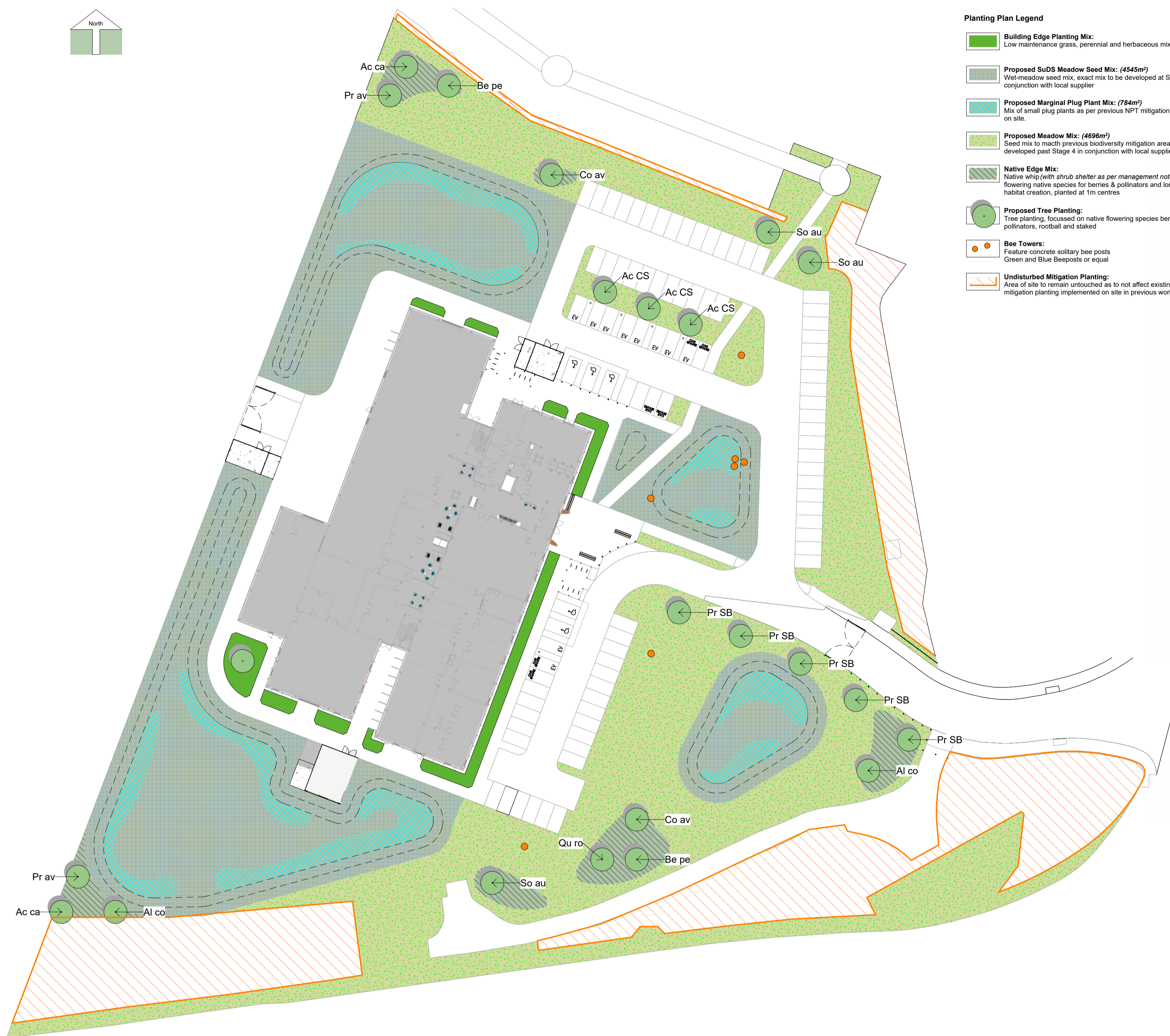
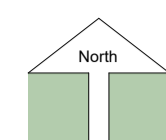


Notes

- Drawing is copyright of fenton+reece
- Only labelled dimensions are to be taken from this drawing. Do not scale from this drawing.
- Contractor is responsible for taking and checking all dimensions, below ground services and setting out.
- All elements of design should be checked on site and conflicts reported to responsible designer. **If in doubt ask**



Planting Plan Legend

- Building Edge Planting Mix:** Low maintenance grass, perennial and herbaceous mix
- Proposed SUDS Meadow Seed Mix: (4545m²)** Wet-meadow seed mix, exact mix to be developed at Stage 4 in conjunction with local supplier
- Proposed Marginal Plug Plant Mix: (784m²)** Mix of small plug plants as per previous NPT mitigation planting on site
- Proposed Meadow Mix: (4886m²)** Seed mix to match previous biodiversity mitigation areas, to be developed past Stage 4 in conjunction with local supplier
- Native Edge Mix:** Native whip (with shrub shelter as per management notes) mix, flowering native species for berries & pollinators and long term habitat creation, planted at 1m centres
- Proposed Tree Planting:** Tree planting, focussed on native flowering species beneficial to pollinators, rootball and staked
- Bee Towers:** Feature concrete solitary bee posts Green and Blue Beeposts or equal
- Undisturbed Mitigation Planting:** Area of site to remain untouched as to not affect existing mitigation planting implemented on site in previous works

Planting Schedule

DWG code	Latin Name	Height	Specification	No.	Mix %	Qty
<b>EDGE TREE PLANTING - see tree pit detail for staking and planting instructions</b>						
Co av	Corylus avellana	-	Multi Stem, 2.0-2.5m, 100L container grown	as shown	n/a	2
So au	Sorbus aucuparia	-	10-12cm heavy standard, rootballed	as shown	n/a	1
Qu ro	Quercus robur	-	10-12cm heavy standard, rootballed	as shown	n/a	2
Be pe	Betula pendula	-	10-12cm heavy standard, rootballed	as shown	n/a	2
Ac ca	Acer campestre	-	10-12cm heavy standard, rootballed	as shown	n/a	2
Pr av	Prunus avium	-	14-16cm extra heavy standard, rootballed	as shown	n/a	2
Al co	Alnus cortada	-	10-12cm heavy standard, rootballed	as shown	n/a	2
<b>Total</b>						<b>13</b>

**NATIVE EDGE MIX - to create a native mix of trees and shrubs the schedule has specified different sizes, planted in a random mix to create a naturalistic eco-tone. Designed so that some plants will thrive in the coastal conditions better than others, which will take time to establish.**

Latin Name	Height	Specification	No.	Mix %	Qty
Corylus avellana	1-1.25m	1+2 transplant, bare-root	1	20	101
Crataegus monogyna	1-1.25m	1+2 transplant, bare-root	1	15	76
Euthymus europaeus	60-80cm	1+1 transplant, bare-root	1	15	76
Prunus avium	60-80cm	1+1 transplant, bare-root	1	15	76
Prunus spinosa	40-60cm	1+1 transplant, bare-root	1	10	51
Rosa canina	40-60cm	1+1 transplant, bare-root	1	10	51
Hippophae rhamnoides	40-60cm	1+1 transplant, bare-root	1	5	25
Viburnum opulus	60-80cm	1+1 transplant, bare-root	1	10	51
<b>Total m2</b>	<b>505</b>				<b>505</b>

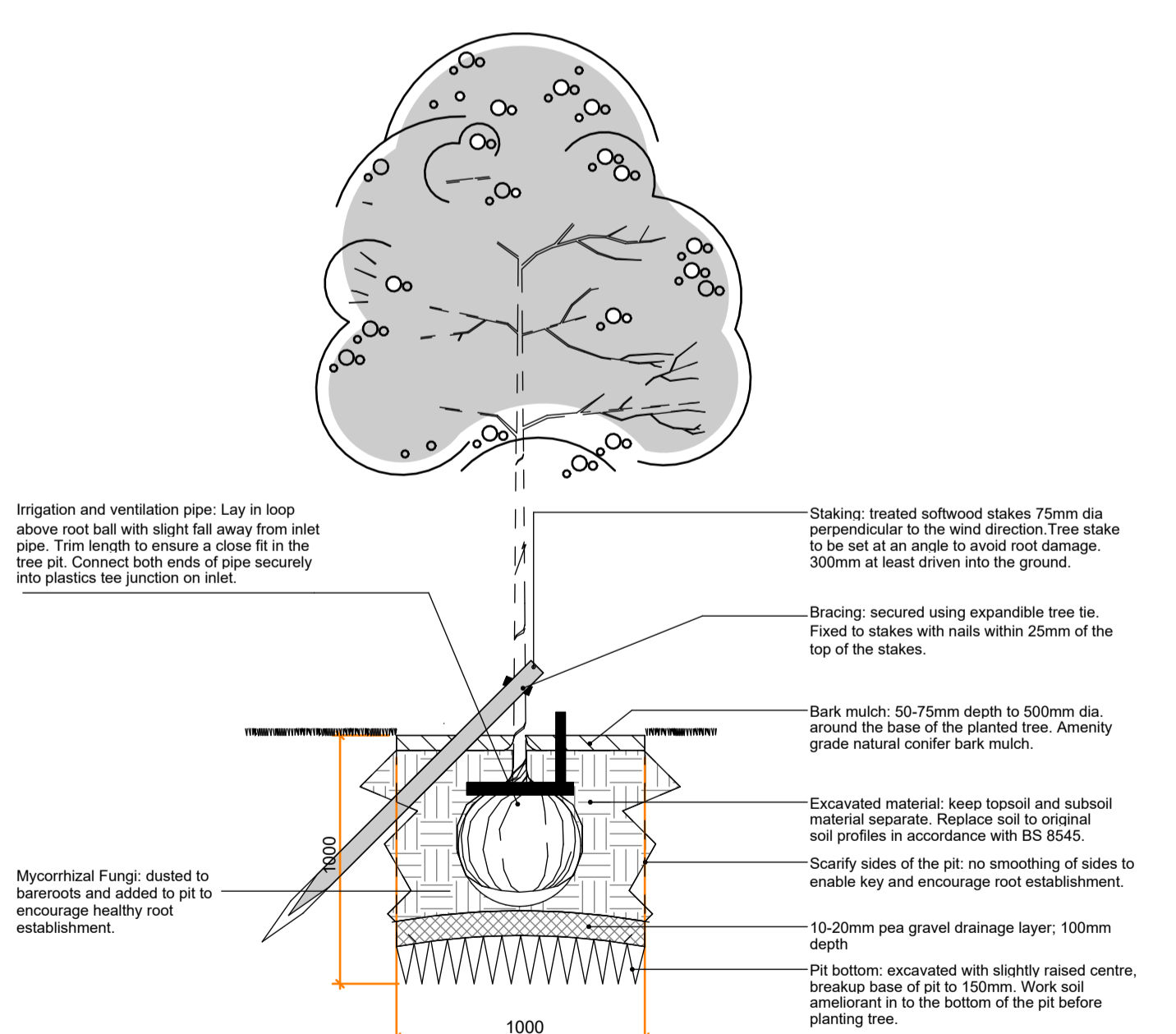
**NOTE: Root-balled trees are only available in autumn and early winter (November - March) If planting to occur outside of these times container grown will be available.**

**STRUCTURAL TREE PLANTING - see tree pit detail for staking and planting instructions**

DWG code	Latin Name	Height	Specification	Per m2	Mix %	Qty
Ac CS	Acer campestre Streetwise	-	10-12cm heavy standard, rootballed	as shown	n/a	3
So au	Sorbus aucuparia	-	10-12cm heavy standard, rootballed	as shown	n/a	2
Pr SB	Prunus 'Sunset Boulevard'	-	10-12cm heavy standard, rootballed	as shown	n/a	5
<b>Total</b>						<b>10</b>

DWG code	Latin Name	Height	Specification	Per m2	Mix %	Qty
<b>BUILDING EDGE PLANTING MIX - perennials planted in species groups of 3-5, grasses in species groups of 7-11</b>						
	Slipa tenuissima	-	9cm pot grown	6	25	410
	Nepeta racemosa 'Walkers Low'	-	2L pot grown	4	15	164
	Salvia nemerosa 'Cardonna Blue'	-	2L pot grown	4	15	164
	Eryngium 'Big Blue'	-	9cm pot grown	3	10	82
	Calamagrostis x acutiflora 'Karl Foerster'	-	2L pot grown	6	25	410
	Sanguisorba Tanna	-	9cm pot grown	5	10	137
<b>Total m2</b>				<b>273</b>		<b>1365</b>

TREE PIT DETAIL - NOT TO SCALE



Rev.	Revision description	Drawn	Checked	Date
P05	Stage 4 Draft Issue	MR	RF	240702
P04	Turning head revised and planting revised	MR	RF	240613
P03	Red Line Boundary Updated	MR	RF	240410
P02	Turning head in visitor car park added	MR	RF	240314
P01	Issued for PAC Approval	MR	RF	240301



Project	
SWITCH HARBOURSIDE for MORGAN SINDALL	
Title	
Planting Plan & Specification	
Project Status	
S1 - For Co-Ordination	
Drawing Number	Rev.
26CB02 -FRL -30 -XX -D -L -1005	P05

DETAILED PLANTING NOTES

- BEFORE WORKS & DURING CONSTRUCTION**
- The Detailed Planting Notes should be read in conjunction with all landscape drawings
  - Existing trees and boundary vegetation to be retained are protected by Tree Protection Fencing prior to any site works. All tree works to be carried out by qualified Tree Surgeon outside of bird nesting season and in line with Arboricultural Report.
  - The Landscape Contractor is responsible for checking for any below ground services in the vicinity of the planting works.
  - Give notice of any that may be affected and obtain instructions before proceeding.
  - All planting beds to be bare ground, free of grass, weeds, removing all litter debris and stones.
  - All container grown plants to be well watered in their container prior to planting
  - No planting should occur when the ground is frozen or water logged
  - Plant materials to confirm to National Plant Specification. All plants to originate within the UK. Planting operations to be in accordance with BS 4428:1989.
- SOIL NOTES**
- All softworks areas to be free draining with subbase or ground beneath, all planting areas to be broken up to allow good establishment and key for new roots.
  - Grassed and lawn areas to have 150mm minimum depth of clean imported topsoil to BS 3882:2015.
  - Meadow/seeded wildflower areas to have 150mm minimum depth of imported low fertility soil. Low fertility soil is to limit the nutrient level of the soil to enhance performance of wildflower/meadow seeded areas. Soils to meet requirements of BS862.
  - Ornamental planting to have 450mm minimum depth of clean imported topsoil to BS 3882:2015.
  - Tree planting to be in accordance with detail provided. Pit bottom excavated existing soil to 150mm. Work soil ameliorant into the bottom of the pit before planting. 10-20mm pea gravel drainage layer above, 100mm depth. After planting, backfill the pit with replaced original soil profiles in accordance with BS 8545.
- PLANTING NOTES**
- All new tree planting in soft landscaping to be in a 0.5m radius, weed free circle, refer to tree pit detail.
  - All new shrub planting is to be planted into a weed free bed a minimum 100mm wider than the planting area, plants to be set at least 150mm back from any fence, wall or edge.
  - All new planting pits to ensure sides are loosened avoiding smooth sides.
  - All planting mixes to be planted in natural drifts and groups as indicated on planting schedules
  - All tree and hedge planting to have Mycorrhizal Fungi with Gel dusted to bare roots and added to pit to encourage healthy root establishment
  - All shrub whips and hedging to have shrub shelter 750mm high x 150mm dia fitted to a 25x25x900mm timber stake, as per manufacturers recommendations.
  - All new plants to be thoroughly watered in immediately before planting in containers and after planting.
  - All planting beds to be thoroughly mulched with Natural Bark to a lightly consolidated depth of 50mm, finishing 25mm below adjoining finished surface level.

- PLANTING MAINTENANCE NOTES** - In line with agreed maintenance schedule:
- Control weed growth by maintaining a weed free area around each plant during the first few years with mulch woodchip material, all areas topped up to maintain a 50mm depth for the maintenance period. Hand pulling of weeds may be necessary.
  - Prune dead and broken branches/shoots.
  - Litter picking of all planting beds.
  - The proposed planting has been specified to be contextually appropriate species that following the establishment period will thrive without irrigation and will continue to do so in those conditions likely as a result of climate change, i.e. typically warmer and wetter conditions.
  - During the first year after planting, it may be necessary to water all plants in prolonged periods of dry weather. This usually occurs during May - September. All planting areas should be watered to field saturation using clean fresh water on a weekly basis in these cases.
- REMOVAL OF STAKES AND TIES**
- Check stakes and ties. Adjust or replace as necessary during establishment
  - All shrub guards to be biodegradable shrub shelter at 73-103mm diameter, 0.75m in height, canes and tree stakes should be removed at the end of years 3 following planting.
- FORMATIVE PRUNING OF STANDARD TREES**
- As young trees grow, remove lower branches gradually to raise the crown and retain a clear stem, remove any branches crossing boundary fences.
  - Remove multiple leaders and other trees where a single leader is desirable.
  - Once suitably established, remove tree stakes and monitor any less annually
- SEEDING & WILDFLOWER AREAS**
- Management regular cutting in first year between 40mm & 60mm
  - Verges to be kept tidy
  - Seeding (wildflower areas) To be carried out to areas indicated in the autumn or spring following the first year of grassland establishment
  - Prepare wildflower areas by raking to remove thatch and to disturb the surface of the soil.
  - Management (wildflower areas) of grass areas to be managed as hay meadow (cut in August and remove arising)
- NOTES FROM PREVIOUS MITIGATION PLANTING MANAGEMENT**
- The level of management for Brownfield type habitats is usually fairly minimal, the majority of plants being early successional in the first few years of establishment and will not need much in the way of strimming, and should be guided by the results of the monitoring undertaken in the first 3 years. The important features to retain are: areas of bare ground, some areas of longer grasses for the Male Small blue, patches of Kidney Vetch for the Females.
  - The site should be monitored for non-native invasive plants and treatment deployed as per industry best practice.
  - The grassland should be kept clear of large scrub species.
  - Cutting regime, similar to that used for the PDR, is likely to be required and will be specified and implemented once the vegetation has fully established. The monitoring will inform this.