	1			2		3			4		5		6		7		
	ANTING MIX																
Code Sc	Species (Botanical) Salix cinerea	Grey Willow	nmon) Girth(cm)	40-60	n) Specification 2L; Branched; 2 breaks	<b>Mix (%)</b> 30	Area (msq)	No     Note       441     (Understory and edge) trees to be planted varying	Product name	Supplier		Cotswold Oolite Building Blocks - Tumble Reconstituted Stone (229 x various width 102mm)		Area (msq)	No		
Ca	Corylus avellana	Hazel	N/A	40-60	2L; Branched; 2 breaks	30	N/A	441	between 0.9m x 0.9m to	Bekstone Structural Walling Blocks Paving Direct					2842		N/A
Ag	Alnus glutinosa	Common Ald	er 6-8	250-300	Bareroot; 2x; Light Standard; clear stem 150- 175cm; 3 breaks	25	N/A	99	(Low canopy) trees to be planted varying between								
Вр	Betula pubescens	Downy Birch	6-8	250-300	Bareroot; 2x; Light Standard; clear stem 150- 175cm; 3 breaks	15	N/A	56	1.5m x 1.5m to 3.0m x 3.0m spacings.								
Totals						100	1342										
	SCRUB BELT MIX										LDFLOWER MEADOW SEED MIX						
Code	Species (Botanical)	Species (Con	mon) Girth(cm)	Height (cr	n) Specification	Mix (%)	Length (m)	No./m	sq Note	Code See	d Mix		Sowing Rate	Area (msq)	Note		
NH Mix	Sarothamnus scoparius	Broom	N/A	60-80	TRA 1+1; Bare root	10	N/A	285							Comprising native provenance seed species (Wild Flora for Moist Limy		
	Rosa canina	Dog Rose	N/A	60-80	TRA 1+1; Bare root	15	N/A	428							Birdsfoot Trefoil, Black Meddick, Co		
	Prunus spinosa	Blackthorn	N/A	60-80	TRA 1+1; Bare root	15	N/A	428	Plants to be planted in a double staggered row at	WFS MM08 Wild Flora for Moist Limy Soil (alkaline, pH >7) provid		H >7) provided by Native	Sowing Rate 1.5g/m², Sowing Depth 10n	ım 3836	3836 Marigold, Corn Poppy, Corncockle, Devils bit Scabious, Eyebright, Mea Poppy, Fleabane, Greater Trefoil, La Knapweed, Scented Mayweed, Mea		
	Viburnum opulus	Guelder Rose	e N/A	60-80	TRA 1+1; Bare root	10	N/A	285	50cm centers. Hedgerow to	Wildflowers.ie or equal and approved.							
	Lonicera periclymenum	Honeysuckle	N/A	60-80	TRA 1+1; Bare root	15	N/A	428	maintenance purposes.						Purple Loosestrife, Ragged Robin, Plantain, Selfheal, Water Avens, V		l Robin, R
	Corylus avellana	Hazel	N/A	60-80	TRA 1+1; Bare root	15	N/A	428							Iris, Yellow Rattle.		
	Euonymous europaeus	Spindle	N/A	60-81	TRA 1+1; Bare root	10	N/A	285		Totals				3836			
	Frangula alnus	Buckthorn	N/A	60-82	TRA 1+1; Bare root	10	N/A	285		· · · · ·					·	. <u></u>	
Totals						100	713	2852									

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## General Management and Maintenance Notes

The following are general management notes and guidance which should be applied to all planting areas where appropriate. All plants to be supplied and handled to comply with BS 3936 and the National Plant Specification (NPS) i.e., healthy, and vigorous, of good shape and without elongated

- growth. • All topsoil shall conform to BS 3882. Wildflower areas should be Low Fertile Grade and
- general-purpose topsoil for all other planting areas.
- Compost shall be peat free organic composted material graded less than 25mm particle
- size and free from any non-biodegradable material, weed material or plant pathogens. • No planting or preparatory operations shall take place when the ground is frost bound,
- covered by snow, excessively wet or waterlogged, in excessively dry or windy conditions.
- Planting of bare-rooted or root-ball plants shall take place in favourable weather and soil conditions, during the planting season from late October to late March. Container-grown plants may be planted at any time during favourable weather and soil conditions. • Do not allow strimmers or other mechanical tools closer than 200mm of the base of any
- plant (scrub, hedge and amenity planting). Operations within this zone should be carried out with hand tools only. • The Contractor shall water all planting installed, at the frequency necessary to ensure
- establishment and survival, until all planting works are completed. • All arisings from planting operations shall be removed off site by the contractor and
- disposed of in accordance with the site waste management plan.

Scrub Planting Management and Maintenance Notes

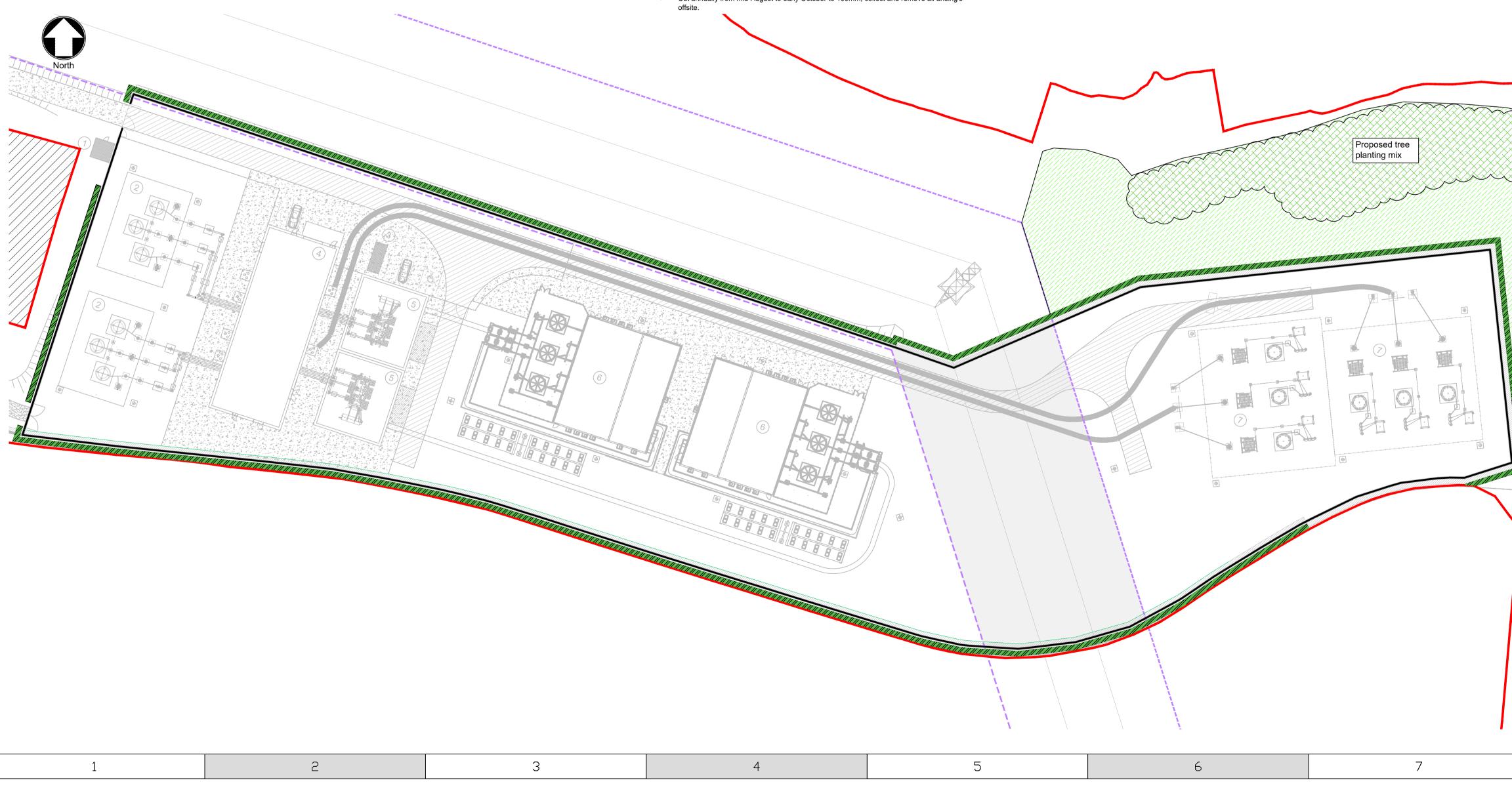
- Ensure the ground is free of weeds before planting, approved herbicide can be applied to kill off any unwanted ground cover. • No planting or preparatory operations shall take place when the ground is frost bound,
- covered by snow, excessively wet or waterlogged, in excessively dry or windy conditions. Use of 300mm general purpose grade topsoil which shall be certified in accordance with BS 3882.
- Use of 600mm subsoil which shall be certified in accordance with BS 8601.
- 50mm bark mulch applied to the base of planting.

• The plants will be supported by stakes and guards; to ensure plants remain vertical and to protect from weather conditions. It is recommended that plastic free guards are used. The guards will be monitored with any broken or missing items replaced. Tree ties will be inspected and adjusted to prevent chafing of the bark.

## For at least the first three years: • A weed-free area of 0.5m in diameter around the base of each plant.

- Plants will be pruned to remove dead, dying or diseased wood to promote growth and maintain the shape of the hedge. • If any plants die during this time, they will be replaced with like for like species.
- After the first three years:
- Remove all stakes and guards.
- Biannually prune hedge to keep its shape and form of 1.5m high and 500mm width in March and September.

After the first three years:



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depth of 10mm.

especially Creeping Buttercup. For at least the first three years: • Year 1 cut after flowering to a height of 70-100mm, collect and remove all arising's offsite. • Year 2 and 3 the first cut in early April and the second cut in late July or August, the meadow can again be cut in September if the grasses are still growing strong. Cut to 100mm, collect and remove all arising's offsite.

## Wildflower Management and Maintenance Notes

Ensure the ground is free of weeds (particularly docks and thistle). Approved herbicide can be applied to kill off any unwanted ground cover before sowing. This usually takes three to six weeks between application and kill depending on the product used. • Create a fine friable seedbed down to 150mm in depth.

• Sow the wildflower seeding at a rate of 1.5g/m2 in the area required. Carry out two equal sowings at right angles to each other and diagonally to the main axis. Broadcast manually or use seed drill, rake level and gently roll. Ensure good seed to soil contact. • Sowing should be done during early to late spring spring or again in early autumn, in suitable ground conditions (frost free, not waterlogged or in high winds), with a sowing

Use of low fertile topsoil in accordance with BS 3882.

 Management: Control grasses and weeds until well established. Accept any normal non-invasive weeds as they provide cover, once the sward is established, digging, spot spraying or weed wiping can be used to eliminate problem species. Control weeds,

• Cut annually from mid-August to early October to 100mm, collect and remove all arising's

- Trees (Low canopy) Management and Maintenance Notes
- Light standard trees shall be planted into prepared pits 600x600x500mm deep. Break up ٠ the bases of all pits to a further depth of 200mm and ensure that the sides of the pits are not glazed. Line the base of the tree pit with 100mm aggregate to form a drainage layer. Backfill with 50% volume approved tree planting compost sufficient to allow the top of the pit to run flush with adjacent soil levels after light compaction. Ensure top-soil and
- sub-soil are separated when excavating tree pits and backfilled appropriately. Trees shall be secured by Short Single Staking, with 1 stake driven vertically at least 300 . mm into bottom of pit on either side of tree position before planting. Stakes shall be cut to approximately 600 mm above ground level. Use ties with a spacer and of a type that can be adjusted as the tree grows. Position one tree tie approximately 50mm from the top of the stake to hold the tree, ensuring that tree and stake do not touch in any place. • Each tree shall be watered in on the same day as planting.

For the first two years:

- Weeding: A circle 0.5rn radius from the base of each tree shall be kept free of grass and weed growth during the growing season. Inspection: Undertake periodic inspection for dead or damaged trees. Remove all
- deadwood /dead whips using either secateurs or a sharp pruning saw. Replacement: Any required replacements within the first two years to be like for like species and sizes during next planting season.

• If any plants die during this time, they will be replaced w After the first three years:

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oled h x	Area (msq) 2842	No N/A	Image	<ul> <li>drawing if in doubt ask.</li> <li>2. This drawing is to be rearchitect/engineering pre-construction information</li> </ul>	ad in conjunction with the reference drawings, roposals together with the specification and ation. d boundary/retaining wall to be clad in stone walling	A
<ul> <li>Ensure the kill off any u</li> <li>No planting covered by</li> <li>Use of 300r BS 3882.</li> </ul>	Comprising nati species (Wild Fl Birdsfoot Trefoi Marigold, Corn Devils bit Scabio Poppy, Fleaband Knapweed, Scen Purple Loosestri Plantain, Selfhe Iris, Yellow Ratt ground is free of weeds befo nwanted ground cover. or preparatory operations sh snow, excessively wet or wa m general purpose grade to	ora for Moist Limy S I, Black Meddick, Co Poppy, Corncockle, ous, Eyebright, Mead e, Greater Trefoil, La ted Mayweed, Mead ife, Ragged Robin, Re al, Water Avens, Wi le. and Maintenance No re planting, approved hall take place when the terlogged, in excessive psoil which shall be co	Id Carrot, Yellow Flag <b>Dites</b> herbicide can be applied to he ground is frost bound, ely dry or windy conditions. ertified in accordance with	KEY OF SYMBOLS         Application site b         Perimeter wall         Retaining wall         Overhead Line 10         Native scrub belt         Wildflower meader         Tree planting mix	0m buffer mix ow	В
<ul> <li>50mm bark</li> <li>The plants with the protect from the guards inspected a</li> <li>For at least the fire</li> <li>A weed-free</li> <li>Plants will be maintain the</li> <li>If any plants</li> <li>After the first thre</li> <li>Planting will is required.</li> </ul>	area of 0.5m in diameter ar e pruned to remove dead, d shape of the hedge. die during this time, they wi	F planting. Ind guards; to ensure recommended that pla roken or missing item ng of the bark. Ound the base of each ying or diseased wood Il be replaced with like rs to determine if form	plants remain vertical and istic free guards are used. s replaced. Tree ties will be n plant. I to promote growth and e for like species. ative pruning or replanting	REFERENCE DRAWINGS 229100714-MMD-00-XX-DF 229100714-MMD-00-XX-DF	, , , , , , , , , , , , , , , , , , ,	С
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			Proposed wildflower meadow	INFORMATION, INCLUDING, BU PURPOSE, NON-INFRINGEMEN REPRODUCTION, DISTRIBUTION THE COMMUNICATION OF ITS AUTHORISATION IS PROHIBITE COPIES - DIGITAL OR PRINTE MAP NOTES / D PROJECT TITLE: DUBLIN Ar DRAWING TITLE: 0SS DRAWING NUMBEI 229100714-MMD-	T NOT LIMITED, TO ITS FITNESS FOR A SPECIFIC T OF THIRD PARTY RIGHTS OR IT'S CORRECTNESS. THE AND UTILISATION OF THIS DOCUMENT AS WELL AS CONTENTS TO OTHERS WITHOUT EXPLICIT D. ED ARE NOT CONTROLLED. ATA SOURCES: ATA SO	E
	7			VER       DATE         PL1       2024-10-18         PL2       2024-11-04         SCALE:       1:500         PLOT SIZE:       A1         PRJ:         15       0         Mott Macdonald	REMARKS       DRAW       CHECK       APRD         For       Submission       SHY       DMC       TK         Image: Strain Stra	F