IMPLEMENTATION AND MAINTENANCE GUIDELINES ABBR SPECIES COMMON NAME SUPPLY SPECIFICATION HEIGHT (CM) GIRTH QTY (No.) 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, ACCA Acer campestre Common Maple LStd 200-250cm 6-8cm 77 -ALGL Alnus glutinosa Common alder LStd 200-250cm 6-8cm 43 -LIGVU Ligustrum vulgare 200-250cm 8-10cm 29 -PINSY Pinus sylvestris Scots Pine RB 200-250cm 8-10cm 38 -PRAV Prunus avium Gean or Wild Cherry LStd 200-250cm 6-8cm 14 -QUERO Quercus robur Common Oak LStd 200-250cm 6-8cm 67 -Topsoil depths to be 450mm for shrub beds and 150mm for grass areas. SACAP Salix caprea Goat willow LStd 200-250cm 6-8cm 35 -TAXBA Taxus baccata Common Yew RB 200-250cm 8-10cm 38 -TICO Tilia cordata Littleleaf linden LStd 200-250cm 6-8cm 69 -Apply by suitable spraying apparatus, an approved translocated systemic herbicide to the manufacturer's instructions and to 1997 Control of Pesticides Regulations and 2002 COSHH regulations on all beds, except those which are both weed free and are to receive agrotextile sheet mulch. Spray immediately if any weeds are present. If no are showing, but there may be a delay before planting, or the area is to be seeded, spray after one month following cultivation, to allow dormant seed to PROPOSED NATIVE MIXED HEDGEROWS / INFILL MIXES terminate. All spraying shall be carried out by skilled and qualified operatives, using protective clothing, in suitable weather (no wind) and any damage caused by spray drift, from incorrect usage or spillage, shall be rectified at the contractor's own cost. Repeat as necessary to ensure complete kill and rake off all dead material from site. MIX NAME ABBR SPECIES SUPPLY HEIGHT (CM) CENTRES (M) ■ ■ NATIVE HEDGEROW MIX EASEMENT CORAV Corylus avellana T1+1 60-80cm 0.3Ctr Double Staggered at 0.25m offset 20% 7 -NATIVE HEDGEROW MIX EASEMENT LIGVU Ligustrum vulgare T1+1 60-80cm 0.3Ctr Double Staggered at 0.25m offset 30% 10 -Carry out the following works to the existing topsoil on site to ensure it Conforms to BS 3882:2015, being free from rocks larger than 50mm diameter, concrete, all roots, wire, brick, and have less than 20% clay. Allow for pre-application of herbicide as above. Fertilize with 100g per metre square of Vitax "Nutricote 180" slow release fertilizer, in accordance with the manufacturer's instructions. For beds less than 5 metres in width, fork over thoroughly or machine rotavate soil to a depth of NATIVE HEDGEROW MIX EASEMENT PRUSP Prunus spinosa T1+1 60-80cm 0.3Ctr Double Staggered at 0.25m offset 30% 10 -LNATIVE HEDGEROW MIX EASEMENT SYAL Symphoricarpos albus T1+1 60-80cm 0.3Ctr Double Staggered at 0.25m offset 20% 7 -NATIVE HEDGEROW MIX Z ACECAM Acer campestre T1+2 175-200cm 0.3Ctr Double Staggered at 0.25m offset 10% 1019 -300mm, ensuring that the subgrade and topsoil are completely broken up and free draining, relieving any compaction. For beds greater than 5 metres in width, break up the subgrade and topsoil using a tractor mounted subsoiler or ripper at 500mm centres to a depth of 500mm, except where there are services, or within 10 metres of tree stems or 3 metres of existing hedges. Do not rip areas where roots greater than 10mm diameter are encountered. NATIVE HEDGEROW MIX Z CORAV Corylus avellana T1+2 175-200cm 0.3Ctr Double Staggered at 0.25m offset 5% 512 -CRAMON Crataegus monogyna T1+2 175—200cm 0.3Ctr Double Staggered at 0.25m offset 10% 1019 -NATIVE HEDGEROW MIX Z NATIVE HEDGEROW MIX 7 ILEAQ Ilex aquifolium 5L 175-200cm 0.3Ctr Double Staggered at 0.25m offset 50% 5074 -Any imported topsoil for making up ground, shall conform to BS:3882:2015, and be free from rocks (over 50mm diameter), concrete, roots, wire and brick, and have less 20% clay. NATIVE HEDGEROW MIX Z PRUSP Prunus spinosa T1+2 175-200cm 0.3Ctr Double Staggered at 0.25m offset 20% 2033 -3 No.PRAV6-8cmLStd ROSCA Rosa canina T1+2 175—200cm 0.3Ctr Double Staggered at 0.25m offset 5% 512 — NATIVE HEDGEROW MIX Z NATIVE SHRUB PLANTING 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. PROPOSED NATIVE SHRUB MIXES MIX NAME ABBR SPECIES SUPPLY HEIGHT (CM) HABIT CENTRES (M) MIX % QTY (No.) Either : for notch planting All herbaceous material within the proposed planting area shall be sprayed out using an approved herbicide at least two weeks MATIVE SHRUB MIX AH CORAV Corylus avellana T1+1 60-80cm Transplant 1Ctr 10% 2454 -NATIVE SHRUB MIX AH CRAMON Crataegus monogyna T1+1 60-80cm Transplant 1Ctr 10% 2454 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 NATIVE SHRUB MIX AH ILEAQ Ilex aquifolium 2L 60-80cm Bushy 1Ctr 10% 2454 -NATIVE SHRUB MIX AH LIGVU Ligustrum vulgare T1+1 60—80cm Transplant 1Ctr 15% 3676— PRUSP Prunus spinosa T1+1 60-80cm Transplant 1Ctr 10% 2454 -NATIVE SHRUB MIX AH 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. NATIVE SHRUB MIX AH ROSCA Rosa canina T1+1 60-80cm Transplant 1Ctr 5% 1230 -NATIVE SHRUB MIX AH TAXBA Taxus baccata 2L 30-40cm Bushy 1Ctr 15% 3676 -Either a for shelters or b for rabbit fence NATIVE SHRUB MIX AH ULEEU Ulex europaeus 2L 30—40cm Bushy 1Ctr a. All stock to be protected from rabbit damage using approved proprietory tree and shrub shelters, 900mm and 600mm VIBOP Viburnum opulus T1+1 60-80cm Transplant 1Ctr 10% 2454 -NATIVE SHRUB MIX AH 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. MATIVE SHRUB MIX EASEMENT C BERCAN Berberis candidula 2L 30-40cm 1Ctr 40% 34 -NATIVE SHRUB MIX EASEMENT C EUOEPS Euonymus europaeus 2L 40-60cm 1Ctr 30% 26 -NATIVE SHRUB MIX EASEMENT C VIBOP Viburnum opulus 2L 60-80cm 1Ctr 30% 26 ing approved herbicides a 900mm diameter circle centered on each planting station shall be kept weed free throughout the Each Autumn after planting and until handover to the adopting authority, the contractor will prepare a list of all plants which PROPOSED WILDFLOWER MEADOW (or similar approved) are dead, dying or diseased and will replace these during the following planting season. SEED MIX SUPPLIER AREA DENSITY MIX NAME EM3 - Special Gen. Purpose Meadow Emorsgate Seeds 26362.0243m² 4g/m² The hedge line shall be set out using 38x38x1200 stakes at maximum 50m intervals and all herbaceous material within 400mm. of the centre line shall be sprayed out using an approved herbicide at least two weeks before planting. MEADOW GRASS MIXTURE FOR WET SOILS(or similar approved) SEED MIX SUPPLIER AREA DENSITY The 800mm wide hedge line shall be cultivated to 150mm incorporating Enmag or equal at 75gm/m2. MIX NAME EG8 -MEADOW GRASS MIXTURE FOR WET SOILS Emorsgate Seeds 30900.7264m² 5g/m² 600mm proprietary shelter secured with a stake/cane and ties as recommended by the manufacturer. MEADOW MIXTURE FOR CLAY SOILS (or similar approved) Using approved herbicides a 800mm wide swathe centred on the hedgeline shall be kept weed free throughout the maintenance period. MIX NAME SEED MIX SUPPLIER AREA DENSITY EM4—Meadow Mixture for Clay Soils Emorsgate Seeds 309415.6476m² 4g/m² PROPOSED TURTLE DOVE MIXTURE (or similar approved) WILDFLOWER AND GRASSLAND MIX OUTSIDE THE DESIGNATED ECOLOGY ENHANCEMENT AREA Bird's-foot trefoil 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 them be ploughed and raked Early white clover to produce a medium tilth with debris and stones over 25mm diameter reomved. The surface shall be raked to smooth flowing Black medick Early red clover Meadow and wildflower seed mixes shall be sown in either August -September or March -April during calm weather and not when the ground is frost bound or waterlogged. Seed shall be sown in one single sowing at the sowing rate as per supplier's SEED MIX SUPPLIER:www.kingscrops.co.uk recommendations (listed below). After sowing the contractor shall roll the seed into intimate contact with the soil with a ribbed Cambridge roller. - EM3 Special Gen. Purpose Meadow Mixture 4g/m2 AREA: 1606.136 sqm DENSITY: 3g/m2 ESG2 Fine Grassland Mixture 2g/m2 Turtle Dove Mixture 3g/m2 EM3 Special Gen. Purpose Meadow Mixture Maintenance All trees, feature shrubs, climbers, shrubs and hedgerows to be planted in accordance with the implementation and maintenance guidelines. All landscape proposals must be referred to by the Structural Engineer during foundation design. No tree, feature shrub, climber, shrub and hedgerow species, size or location should be altered without prior approval from the Landscape All litter should be removed from areas prior to mowing. The following procedures should not be undertaken in adverse suitable location on site or an area designated by the Contracts Manager. Any bare patches shall be made good at this time. Secondary and subsequent years Lower growing species within ornamental shrub mixes to be planted at the front of the shrub bed (as indicated). In the second and subsequent years EM3 sowings can be managed in a number of ways which, in association with soil fertility, will determine the character of the grassland. The best results are usually obtained by traditional meadow management based ndividual bulbs species to alternate every 2 linear metres. around a main summer hay cut in combination with autumn and possibly spring mowing or grazing. - Any native hedgerow shrubs to be planted on a double staggered row, 250mm apart with no less than 6 per linear metre within a 50cm wide bed in accordance with implementation Meadow grassland is not cut or grazed from spring through to late July/August to give the sown species an opportunity to maintenance guidelines. Any feathered stock is to have a upright central stem furnished with evenly spread and balanced lateral growth the full length of the stem. If feathered hedgerow stock flower. After flowering in July or August take a 'hay cut': cut back with a scythe, petrol strimmer or tractor mower to c 50mm. Leave the 'hay' to dry and shed seed for 1-7 days then deposit to a suitable location on site or an area designated by the sed, shrubs are to be attached to a double line support (one for feathered stock at 1m high and one for transplant stock at 60cm high) fence using an approved clip tie 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 th Top all plant growth (sown species and weeds) at least 3 times through the first season (removing cuttings if dense) to prevent weeds smothering the slower-growing grasses. More frequent and regular topping will minimise the amount of toppings produced each time so they can be left to disperse. Management once a grass sward is established will depend on site objectives. Follow stewardship guidelines where these apply. The low productivity of the grasses in ESG2 mean that the mowing requirement is minimised. These will be marked out during the meadow seeding above and not seeded with the other meadow mix. The strips will be cultivated again the following autumn (late August or mid-October) and seeded with a turtle dove mix that create an open sward that enables turtle doves to forage on the ground. This is seeded in autumn so that these species are at flowering and seed stage by the time turtle dove return the following spring and through the breedings season. These would then be managed in subsequent years by cutting half in late June or early July and then all the strip are scarified again in September. These need Existing trees and vegetation to be retained .0 WILDFLOWER AND GRASSLAND MIX WITHIN THE DESIGNATED ECOLOGY ENHANCEMENT AREA Existing trees and vegetation to be removed produce a medium tilth with debris and stones over 25mm diameter reomved. The surface shall be raked to smooth flowing Existing grassland to be retained when the ground is frost bound or waterlogged. Seed shall be sown in one single sowing at the sowing rate as per supplier's recommendations (listed below). After sowing the contractor shall roll the seed into intimate contact with the soil with a ribbed Cambridge roller. EM8 Meadow Grass Mixture for Wetlands 4g/m2 EG8 Meadow Grass Mixture for Wet Soil 5g/m2 Soft landscape proposals Landscape and Ecological Management within the Designated Ecology Enhancement Area subject to Refer to plant schedule for details. Existing public right of way Existing electricity pylons and powerlines (11kv) Existing electricity pylons and powerlines (33kv) Proposed perimeter fencing 2.1m high Proposed 4m wide EM3 meadow mixture buffer around perimeter fencing Proposed 1m wide EM3 meadow mixture buffer around perimeter fencing Proposed location of solar modules All arisings will remain on site, excavations from the 2.No:ACCA6-8cmLStd 5 No.PINSY8-10cm horse field areas will be relocated to the southern Proposed operational service tracks -4 No.TAXBA8-10cm 2 No.TICO6-8cmLStd access from NOKE village utilising boundary of the solar farm in Noke field (top soil 1 No.PRAV6-8cmLStd stripped, sub-soil added and topsoil reinstated). existing agricultural access track 3 No.QUERO6-8cmLStd Spares cabin revert to Inverters and associated infrastructure use after CCTV cameras construction \ Grid connection point Underground DNO cable route Permissive footpath route Indicative permanent wetland habitat (The max depth to be 600mm and depths vary throughout between the islands at varying depths, the gradient to be 1:20, subject to engineer's detailed design) Timber footbridge 1m wide hardwood timber footbridge with handrails and anti slip surface to comply with BS 5400, BS 5268 & BS 6180:2011. Bridge span to be determined by bridge engineer. As supplied by CTS bridges or similar approved manufacturer. H- (10/02/2023 WM) Updated seed mix. G- (12/11/2021 WM) Updated to the latest layout. F- [30/09/2021 WM] Updated to the client's commen E- (30/09/2021 WM) Updated to the client's comments. D- (24/09/2021 WM) Updated to the client's comments C- (09/09/2021 WM) Updated to the client's comments B- (06/09/2021 WM) Updated to the client and design te A- (20/08/2021 WM) Updated to the latest site layout. First Issue- 28/04/2021 WM Land at Manor Farm, Noke, SHEET LOCATION PLAN

DESIGN ENVIRONMENT PLANNING ECONOMICS HERITAGE

Client: Oxford New Energy

Date : 28/04/2021
Drawn by : WM

Scale : 1 : 500 @ A0

Drawing Ref: P19-2636_20H

Detailed Soft Landscape

Proposals (sheet 7 of 7)

Oxfordshire