NOTES

GENERAL CLEARANCE BEFORE PLANTING AND SPREADING TOPSOIL

1. All rubble, stone over 150 mm, general rubbish and builders' debris to be cleared from the proposed planting areas to the depth of the cultivated medium depending if trees, shrubs or grass (see spec for depths) and removed from site to an approved tip prior to any cultivation works.
2. The planting area shall be treated with an approved herbicide 2 weeks before spreading topsoil.

SITE PREPARATION

1. Following herbicide treatment (duration depending on herbicide type) the entire area shall be leveled to a medium grade prior to topsoil being spread.
2. Topsoil to be cultivated so free of grass, pernicious weeds and weed seed, stones larger than 50 mm and other debris. Similarly the top 50 mm of subsoil for grass areas should be free of grass, pernicious weeds and weed seed, stones larger than 30 mm and other debris.
3. Topsoil to be spread in 150 mm layers and gently firmed. Subsoil to be spread in 300 mm layers and gently firmed.

PLANT MATERIAL

1. All plant material shall be pest and disease free.
2. Topsoil shall be supplied in accordance with BS3882.
3. All plants to be planted at the same depth as previously grown.
4. Sufficient soil must be removed to allow all roots to fully spread. Care must be taken with root systems - with dry, damaged roots being carefully pruned prior to planting.

PLANTING

General

Times of year for planting:

- Deciduous trees and shrubs : November to March.
- Conifers and evergreens : November to March.
- Container grown plants : At any time if ground and weather conditions are favorable.
  - Watering and weed control : Provide as necessary.

Refer to Plant Schedule for species, sizes and planting densities.

Whips

1. All whips to be pit planted as per detail.
2. Soil ameliorants can be premixed with the soil applied or mixed in during planting.
3. Soil ameliorants to consist of an approved compost at 10L per m2; and 50g/m2 of 10.10.10 NPK slow release fertilizer.

Trees

1. Soil ameliorants to consist of an approved compost, at 20L for each feathered tree and 12-14cm gth tree, 35L for each 14-18cm gth tree and 50L for each 20-25 cm gth tree and 150g/tree of 10.10.10 NPK slow release fertilizer and 0.1% by weight of 'BroadLeaf ' P4 water retentive gel.
2. For further details, see drawing no. tree planting details.

Hedges

1. Soil ameliorants can be premixed with the soil applied or mixed in during planting, but must be through full width of trench.
2. Soil ameliorants to consist of an approved compost at 10L per m2; and 50g/m2 of 10.10.10 NPK slow release fertilizer.

All planting to be watered thoroughly immediately after planting without damaging or displacing plants or soil.

LEGEND

Existing Hedgerows Retained
(See Arborist's report for details)

Existing Group of Trees and Hedgerows Retained
(See Arborist's report for details)

Existing Trees Managed and Retained
(See Arborist's report for details)

Existing vegetation retained and enhanced with native meadow seed (by Design by Nature or similar)

Proposed Feature Trees
Cedrus atlantica 'Glauca' 20-25cm, 6m ht
Quercus palustris 20-25cm, 6m ht
Pinus radiata 20-25cm, 1.9m-2m ht, RB

Proposed Parkland Trees

Large Trees	Small - Medium Trees
Alnus glutinosa 14-16cm, 3-4m ht	*Betula pendula 14-16cm, 3-4m ht*
Quercus petrea 14-16cm, 4.25-6m ht	*Sorbus aria 'Lutescens' 14-16cm, 3-4m ht*
Fagus sylvatica 14-16cm, 4.25-6m ht	*Pyrus 'Chanticleer', 14-16cm, 3-4m ht*
Pinus sylvestris 120-150cm, RB	*Sorbus aucuparia 12-14cm, 2.5-3.5m ht*
Larix decidua 120-150cm, RB	
Castanea sativa 14-16cm 4.25-6m ht	
Aesculus hippocastanum 14-16cm, 4.25-6m ht	

Underplanted with selected bulbs - Narcissus and Hyacinthoides non - scripta

Proposed Street Trees

Large Trees	Small - Medium Trees
Acer campestre 'Streetwise' 16-18 cm gth, 4-6m Ht	*Betula pendula 14-16cm, 3-4m ht*
Acer campestre 'Elanjir' 16-18cm gth, 4-6m ht	*Sorbus aria 'Lutescens' 14-16cm, 3-4m ht*
Corylus colurna 14-16cm gth, 5-6m ht	*Pyrus 'Chanticleer', 14-16cm, 3-4m ht*
Tilia cordata 'Greenspire' 16-18cm, 5-6m ht	*Sorbus aucuparia 12-14cm, 2.5-3.5m ht*
Ulmus 'Lobel' 16-18cm, 5-6m ht	

Proposed Shrubs Planting (indicative planting list)
Medium height ornamental shrub mix at 3/m2

Choisya ternata 45-60cm, 3l, pot - 20%
Cornus sanguinea 60-90cm,br. - 10%
Corylus avellana 60-90cm, br. -5%
Cytisus 'All Gold' 45-60cm, 3L pot - 5%
Fuchsia 'Riccartonii' 45-60cm, 3L pot - 5%
Hypericum 'Hidcote' 45-60cm, 3L pot - 10%
Lavandula ang. 45-60cm, 3L pot - 15%
Lonicera pileata 45-60cm, 3L pot - 10%
Viburnum davidii 30-40, 2L pot - 10%
Rosa 'Rhapsody Blue'/Tanarastrua - 10%

Specimen:
Amelancier Canadensis 90-120cm
Cotinus coggygria (90-120cm)
Rhus thypina (90-120cm)
Cordyline australis (90 cm)

Proposed Native Hedge & Perennials Planting
(indicative planting list)

Sambucus nigra	*Cornus sanguinea*
Crataegus monogyna	*Cytisus scoparius*
Prunus spinosa	*Frangula alnus*
Rosa canina	*Viburnum opulus*

Underplanted with native bulbs - Narcissus and Hyacinthoides non - scripta

Proposed Shrubs & Perennials Planting (indicative planting list)
Low height ornamental shrubs/plants - max. ht. 40-150cm, 2L min. pot size and planted at 4/m2

Ajuga reptans va	*Miscanthus spp.*
Aster novi-belgi	*Picea abies procumbens*
Berberis 'Amstelveen'	*Potentilla spp.*
Ceanothus 'Blue Mound'	*Rosa 'Rhapsody Blue'*
Erica spp.	*Rudbeckia 'Goldsturm'*
Genista lyd. 'Lydia'	*Spiraea japonica 'Firelight'*
Lavandula angustifolia	*Santolina cham. 'Nana'*
'Blue Cushion'	*Sarcococca spp.*

Proposed Hedges
Hedges planted in single species lengths of hedge varied randomly across site. 60-90cm at 3/lm.m
Fagus sylvatica H1
Ligustrum vulgare H1
Prunus lusitanica H1
Buxus sempervirens H2

Amenity Grass

Wildflower Meadow (indicative native seeds list)
by Design by Nature or equivalent
Birdsfoot Trefoil, Black Medick, Devil's Bit Scabious, Corn Marigold, Corn Poppy, Corncockle, Cornflower, Cowslip, Eyebright, Fleabane, Kidney Vetch, Lady's Bedstraw, Lesser Knapweed, Marjoram, Scented Mayweed, Ox-eye Daisy, Ribwort Plantain, Red Campion, Red Clover, Red Bartsia, Rough Hawkbit, Selfheal, Sorrel, St Johnswort, White Campion, Wild Carrot, White Clover, Yarrow, Yellow Rattle.

Swale/ low height herbaceous planting (indicative list)

Ornamental grasses:	Perennials:
Briza media*, Carex flacca*,Stipa barbata, Deschampsia cespitosa*, Carex oshimensis, Pennisetum alopecuroides	Knautia macedonica, Foeniculum vulgare, Achillea millefolium*, Eryngium giganteum, Inula helenium, Geranium sanguineum*, Sanguisorba officinalis*, Aquilegia vulgaris*

Reinforced Grass

Safety Area Surface
Bark mulch

Cycle path
- Tarmac/ To Engineers' Detail

Concrete footpath
- Tarmacadam/ To Engineers' Detail

Shared surface
- Buff Coloured Tarmac to Engineers Detail

Informal footpath
- Rolled Dust Gravel Path

Shared path - cyclists and pedestrians
- Resin bound path

Feature paving
- Rectangular PC pavers, or patterned concrete to key spaces with stone highlights

Permeable parking bays
PCC Pavers 120x160x80mm
Natural, Silver or Charcoal Finish to complement street facades and reinforce character areas.
Alternate colours for details and highlights.
N.B. Permeable paving to private areas only.

Paving Type 1
- Selected PCC Pavers/slabs
To private threshold paved areas

Paving Type 2
- Selected PCC Pavers/slabs
To semi-private threshold paved areas

Table Tennis

Seating

Selected Play Equipment

Play trail
(Willow teepees, willow tunnels, mushroom play, logs, boulders, insect hotels)

Fitness trail

Fencing

Bollards

Feature entrance signage

REV	DATE	AMENDMENT

CUNNANE STRATTON REYNOLDS

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PROJECT: Title Block Development Description SHD at Holybanks, Swords	DATE: JUNE 2020
	SCALE: 1/500@A1
	DRAWN: DC/TS CHECKED: AF
DRAWING: Landscape Plan Sheet 4 of 4	DRAWING NO: 18399-2-105