LANDSCAPE PROPOSALS KEY:

- Proposed Tree - Semi Mature
- Proposed Tree - Extra Heavy Standard
- Native Hedge Planting
  Mixed species Hawthorn hedge to replace removed hedgerows. Planted to open space boundaries.
- Ornamental Hedge Planting
  Used to define the boundary between public and private realm.
- Proposed Bulb Planting
- Shrub Planting
  A selection of evergreen and semi-evergreen shrub planting within private gardens. Planting is used to define private realm, soften built form and aid legibility.
- Amenity Grass from seed or turf
- Grass - Species Rich Wildflower Mix
- H4 Existing Trees Retained
  (Reference as used on Biodiversity Mitigation Plan)
- Trees to be Removed

LANDSCAPE MANAGEMENT PLAN:

This drawing specifies the landscape management of all areas of public open space as required specifically by condition of the planning approval.

This plan should be read in conjunction with the full landscape proposals illustrated on the following drawings which include full proposed landscaping details:

Phase 1
P14 4905 111, 112, 113 & 114

Phase 2
P14 4905 115

FOR MANAGEMENT OF SUDS AREA PLEASE REFER TO BIODIVERSITY MITIGATION AND ENHANCEMENT PLAN DOCUMENT BY ECUS (APPENDIX 2).

The table below and the adjacent plan specify the long-term design objectives, management responsibilities and maintenance activities for the site:

Ref.	Area	Design Objectives	Maintenance Activities	Frequency
1	Species-Rich Meadow Grassland	Wildflower seeding will comprise of a general meadow seed mix with a good variety of native flower species along with a range of native grasses typical of higher value grassland habitat. The Emorsgate E3 "Special General Purpose Meadow Mixture" or an equivalent mix would suit the seeded areas based on the sites existing value and grasslands typical of the wider area. The mix will be sown at 25 kg per ha.	First year management: Most of the sown meadow species are perennial and will be slow to germinate and grow and will not usually flower in the first growing season. There will often be a flush of annual weeds from the soil in the first growing season. This weed growth is easily controlled by topping or mowing in a mid-summer cut and remove the vegetation. It is important to cut back the annuals before they die back, set seed and collapse; this cut will reveal the developing meadow mixture and give it the space it needs to develop. Management once established: In the second and subsequent years E3 swards 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 around a main summer hay cut in combination with autumn and possibly spring mowing or grazing. Meadow grassland is not cut or grazed from spring through to late July/August to give the sown species an opportunity to 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 remove from site. Mow or graze the re-growth through to late autumn/winter to c 50mm and again in spring if needed.	1x/year 1x/year
2	Amenity Grassland	Areas alongside roads and footpaths, and Public Open Space are to be regularly mown to maintain a more formal appearance and reduce potential for trapped litter.	Mow to a height of 30-50mm and remove cuttings	15x/year
3	Existing Native Hedges	Existing native hedges will be managed for ecological benefit to maximise the production and availability of blossom and berries. Hedges will be allowed to grow for two seasons before being cut back to their desired profile.	1. One half of the network cut in rotation (see hedge rotational cutting plan) 2. Remaining network cut in the following year 3. Removal of non-native hedge plants (Biodiversity, Privet and Sycamore) and filling of gaps using native mix as specified for new hedges.	1. February every second year (1, 3, 5 etc) 2. February every alternate second year (2, 4, 6 etc) 3. Sept-Dec every year
4	New Native Hedges	New native hedges will be managed for ecological benefit to maximise the production and availability of blossom and berries. Hedges will be allowed to grow for two seasons before being cut back to their desired profile.	1. One half of the network cut in rotation (see hedge rotational cutting plan) 2. Remaining network cut in the following year 3. Removal of non-native hedge plants (Biodiversity, Privet and Sycamore) and filling of gaps using native mix as specified for new hedges.	1. February every second year (1, 3, 5 etc) 2. February every alternate second year (2, 4, 6 etc) 3. Sept-Dec every year
5	Woodland Tree Belts	Existing woodland areas are to be managed in their entirety for ecological benefit.	1. Removal of invasive species by hand/chemical 2. Check health of trees, carry out remedial tree work as required 3. Remove litter	3x/year 3x/year 3x/year
6	Ornamental Shrub Planting	Ornamental shrub planting is to be carried out on the site frontage and in public open space areas.	1. Maintain planting weed free by hand/chemical removal 2. Replacement of failed stock 3. Remove litter	3x/year 1x/year for 5 years 3x/year
7	Specimen/Group Tree Planting	The site layout is designed to enable the delivery of a number of specimen trees such as Oak and Birch. These have been positioned on site boundaries such that they can reach their ultimate size without impact on residential amenity.	1. Check trees, staking & tubes 2. Replacement of failed stock 3. Remove stakes after 5 years	3x/year for 5 years 1x/year for 5 years

FW Public Sewer with 3m Easement

PHASE 2

PHASE 2

Allotment Gardens

Allotment Gardens

Allotment Gardens

Haroyds

TIPSEY COURT

EASTFIELD CRESCENT

WAKEFIELD ROAD

WAKEFIELD ROAD

Pond Lane

H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 H11 H20

jrp ARCHITECTURE | PLANNING | LANDSCAPE

CLIENT: NETHERTON HOMES

PROJECT: LAND WEST OF WAKEFIELD ROAD, MAPPLEWELL

DRAWING: LANDSCAPE MANAGEMENT (PHASES 1 & 2)

DRAWING NUMBER: P14:4905:116

SCALE @ A0: 1:500

DRAWN: LB DATE: AUG 19

CHECKED: LM DATE: AUG 19

NORTH

1:500 SCALE

10m 50m

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