

05 Landscape

Proposed Landscape Layout



Native shrub planting.

Indicative shrub & groundcover planting to private gardens

Amenity shrub planting to public areas. Maintained by management company.

Lawn or amenity grass. Private rear gardens will each include a patio.

Clipped hedge.

Mixed native hedge

Species-rich grassland (Emorsgate EH1-Hedgerow mixture or similar approved)

Species-rich grassland (Emorsgate EM1-Basic general purpose meadow mixture (similar approved) with close-mown border/paths)

Species-rich grassland suitable for wet soils (Emorsgate EM8-Meadow mixture for wetlands or similar approved)

Marginal planting to attenuation basins

Proposed boundaries (offset from site boundary for clarity where necessary)

Timber 1.8m ht. closeboard fence with gate with labeled gaps acting as 'hedgehog holes' to allow interconnectivity between gardens.

1.2m ht. post & rail fence with dog-proof mesh and gate where required.

0.6m ht. timber knee rail to prevent informal parking.

Brick wall 1.8m ht. with gate to architect's design.

1.2m ht. metal estate railing painted black with matching gate where required

0.6m ht post and wire fence

Indicative position of gate.

Swales laid to turf. Refer to engineer's plan

Indicative 1m wide grass strip to base of existing hedgerows to be managed in line with ecologists recommendations

Site boundary

Existing trees to be retained.

Existing retained vegetation (hedge etc). Retained and made good as necessary. Managed for ecology (in report by Aluco Ecology)

Existing coniferous shelterbelt to be subject to phased replacement in line with horticultural recommendations

Existing retained grassland. Managed ecology (refer to report by Aluco Ec)

Existing offsite farmland

Existing trees to be removed.

Existing vegetation to be cut back/removed as required

Proposed surfaces

Vehicular grade bitmac with coarse kerbs to road. Divisions between s driveways and parking bays to be delineated in block paving

Pedestrian grade bitmac

Block paving (All block paving to be edged in a header and stretcher

Block paving (Main colour 1). Park bays in communal parking area to be delineated by contrasting blocks

Permeable block paving (Main colour 2). Park bays in communal parking area to be delineated by contrasting block

Block paving (Main colour 2). Park bays in communal parking area to be delineated by contrasting blocks

Permeable block paving (Main colour 2). Park bays in communal parking area to be delineated by contrasting block

Romsey Red Gravel Path with timber

Concrete flag paving to paths. Paving beneath roof overhang in places.

Granite or granite aggregate setts

Access route for farm vehicles

Proposed soft landscape

Broadleaved tree

Broadleaved tree in hard landscaped tree grille, guard and suitable load system

Specimen shrub

Climber

PO4 28.10.20 KB AC Updates to co-ordinate with site layout plan
 PO3 12.08.19 DB KB Updates to co-ordinate with site layout plan
 PO2 03.06.19 KB AC Co-ordination with Ecologist
 PO1 12.10.18 KB AC

05 Landscape

Landscape

- 1. Beech Hedge
- 2. Mown Path
- 3. Apple Orchard
- 4. Malus Tribolata Crab Apple
- 5. Acer Streetwise Maple
- 6. Quercus Robur Oak
- 7. Prunus Padus Albertii Bird Cherry
- 8. Prunus Avium In Flower Wild Cherry



06 Ecology

Ecology

Aluco Ecology Limited were commissioned to carry out an Ecological Assessment of the site at Lower Road. An assessment was carried during 2013 and 2018.

The assessment surveyed and documented the baseline ecology data on the site and study area, then evaluated and assessed the impacts of the proposed development against this baseline, highlighting the following;

- highlights any features of particular ecological value
- identifies potential impacts to ecology as a result of the proposed works
- identifies any ecological issues that may have legal or planning implications such as the presence of protected species; and
- recommends potential for mitigation and/or compensation that can be undertaken to avoid, reduce or offset the potential for impacts

The Ecological Assessments/ Surveys carried out concluded mitigation would be required to avoid the potential impact on the featured habitats and species from the proposed development. These mitigation measures include;

- creation of new habitats on the sites open space areas
- mitigation method statements for protected species during construction phases of the development
- payment provisions to local offsetting and avoidance projects on the adjacent protected coastal designated wildlife sites, supporting sites and features of those sites

Details of the proposed mitigation measures can be found in the Ecological Assessment completed by Aluco Ecology Limited. All recommendations for mitigation will be implemented where possible to avoid or reduce any impact on the ecological value of the site.

07 Archaeology

Archaeology

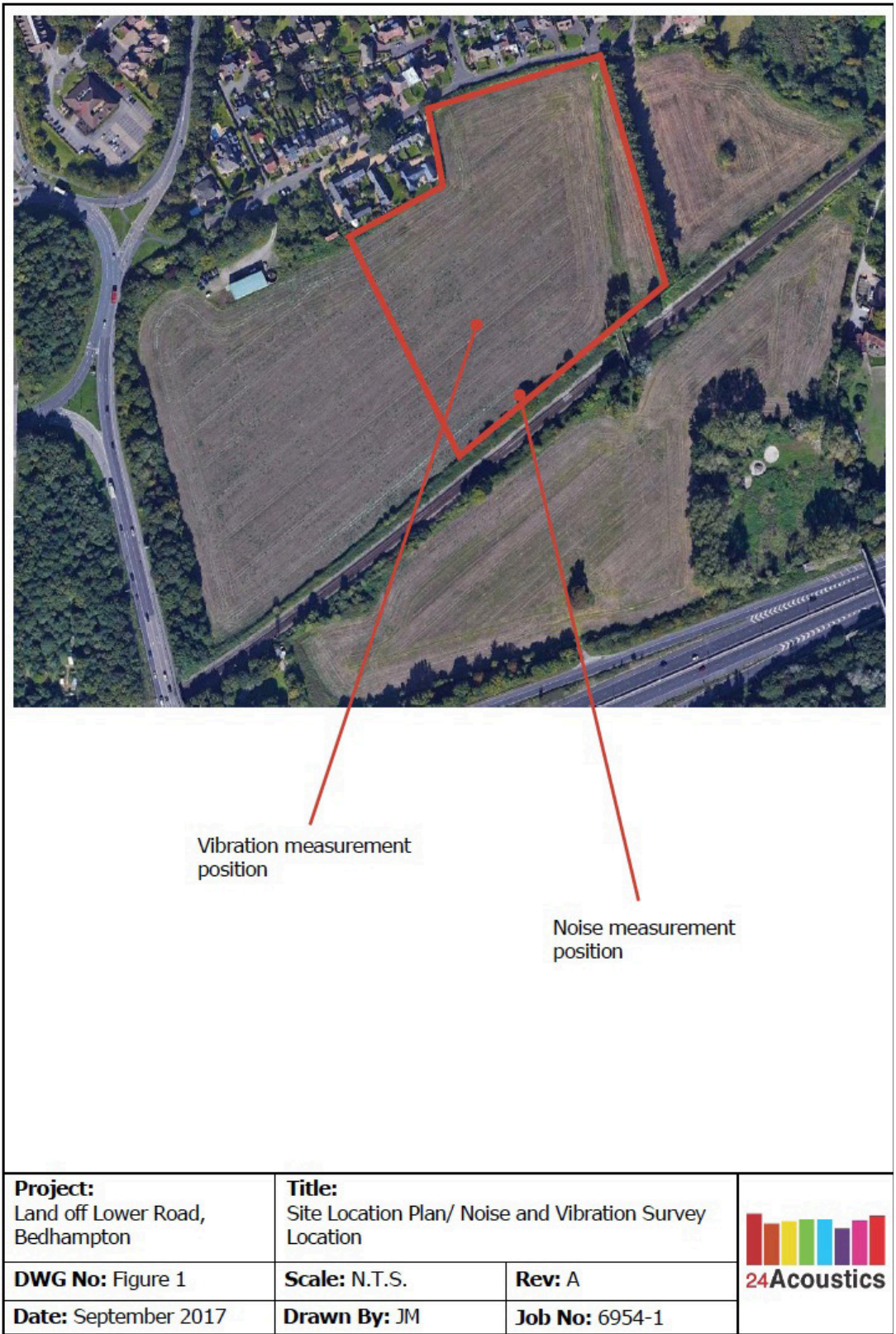
An Archaeological Desk Based Assessment has been carried out by L-P Archaeology. The report concluded that any archaeological deposits found on the site would have been negatively impacted by the ploughing of the land, but it will be likely that a further programme of archaeological investigation will be required in order to confirm the extent and significance of any archaeological remains that may exist on site.

08 Acoustics

Acoustics

Due to the site being located next to a major railway line, an Environmental Noise and Vibrations Measures test was carried out by 24Acoustics to determine the prevailing ambient noise and vibration levels at the site.

The report concluded that an appropriate acoustic environment can be achieved for the proposed dwellings, both externally and internally relative to the prevailing acoustic environment, subject to glazing and ventilations specifications.

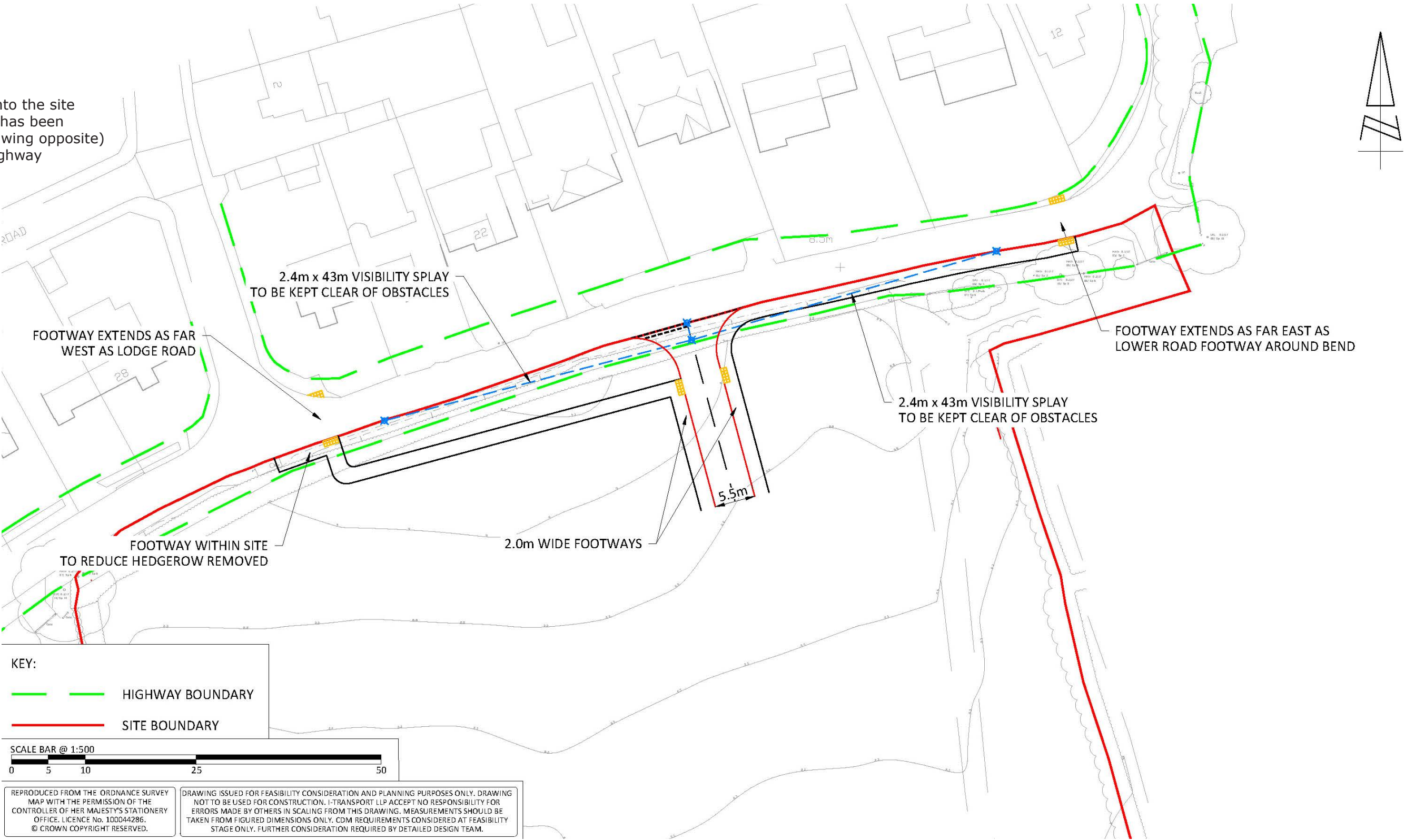


Extract from 24 Acoustics Technical Report showing the locations of the vibration and noise measurement positions

09 Access

Access

The new access into the site from Lower Road has been designed (see drawing opposite) to comply with highway regulations.

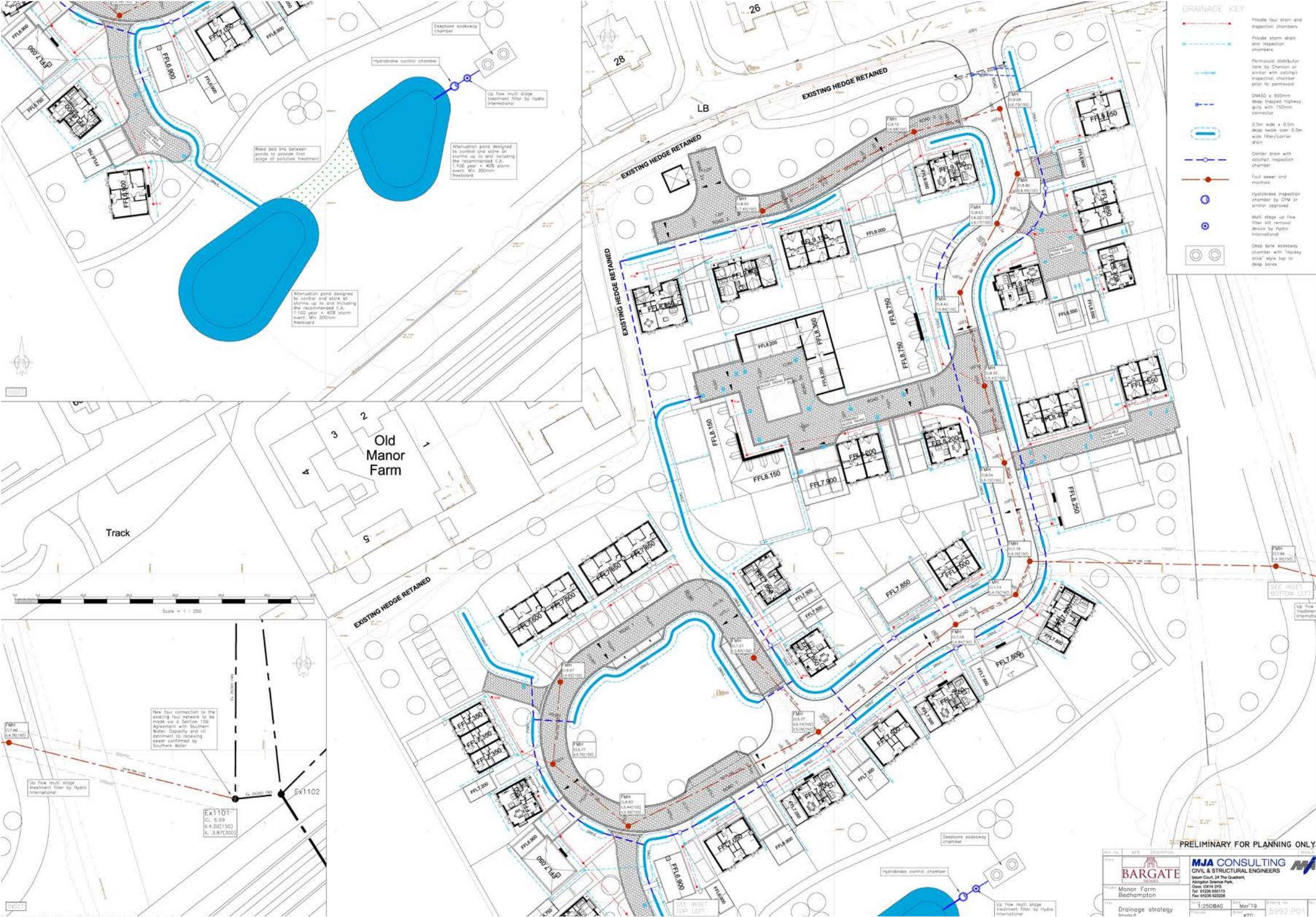


Proposed New Access from Lower Road

10 Drainage

Drainage

A sustainable drainage system has been designed to include permeable paving, roadside swales and pond/reed beds for water treatment (see drawing opposite)



11 Conclusion

Conclusion

A collaborative approach between consultants and Havant Borough Council has brought forward a scheme that respects the site parameters but also enhances and creates new opportunities within the proposal.

The character area is well defined in footprint, material and landscape treatment and these ingredients form a strong sense of place and integrate this development into its wider surroundings, including the adjacent Old Bedhampton Conservation Area. This proposal has carefully considered with the Havant Borough Council Design Guide Supplementary Document influencing the design.

Practical solutions for parking and refuse have been integrated, with the majority of car parking being on plot or within a car barn, with a small amount of courtyards parking, all of which has natural surveillance from the proposed dwellings. Each plot has been designed to enable refuse bins to be easily stored and moved for collection. The proposed road design allows for turning and easy access for refuse vehicles.

The proposed mix of new homes encourages a wide range of tenures to the area which will create a healthy community with substantial amenity to thrive in, delivering a high quality development of 50 much needed new homes.