



LANDSCAPE PROPOSALS KEY:

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| EXISTING TREES & HEDGES | PROPOSED SHRUB & HEDGE PLANTING |
| EXISTING TREES AND HEDGES RETAINED | ORNAMENTAL SHRUBS AND HERBACEOUS PERENNIALS |
| EXISTING TREES AND HEDGES REMOVED | DECIDUOUS HEDGE (INCLUDING NATIVE MIXED) |
| | EVERGREEN HEDGE |
| PROPOSED TREES | PROPOSED GRASS AREAS |
| SEMI MATURE TREE (20-25cm GRTH) | AMENITY LAWN TURF TO FRONT GARDENS |
| EXTRA HEAVY STANDARD TREE (14-16cm GRTH) | REAR GARDENS |
| SELECTED STANDARD TREE (10-12cm GRTH) | SPECIES RICH MEADOW MIX |

LANDSCAPE DESIGN STRATEGY

The landscape strategy for the site aims to achieve the following:

- Retain and enhance existing hedges and trees to site boundary
- Provide mitigation for the loss of vegetation through the planting of new hedgerows, specimen trees and woodland areas.
- Provide protection and enhancement for wildlife by providing new grassland, hedge, tree & woodland planting of native species.
- Provide an attractive and distinctive environment for residents through the use of ornamental tree, hedge and shrub planting on internal streets and in front gardens.

RESIDENTIAL PARCEL
The landscape strategy for the site aims to provide an attractive and distinctive environment for residents through the use of ornamental tree, hedge and shrub planting on internal streets and in front gardens.

LANDSCAPE TREATMENTS

TREE PLANTING
Extensive planting of extra heavy standard and standard trees are proposed throughout the development to create a structure to the new housing which is in keeping with the scale and context of the development and helps to filter views into the site, breaking up the rooflines of the housing when viewed from a distance. Planting at the site entrance, the public open space areas and focal points will aid navigation within the scheme and complement the existing mature trees and hedgerows on site.
Where practical there will be an emphasis of native species which are locally provenant and trees will be procured and planted in accordance with BS5839:2014.

Trees shall have a sturdy, reasonably straight stem and a well-balanced head with a clearly defined straight and upright leader and no main branch crossing the crown. They shall be in a healthy condition with a strong fibrous root system and a normal habit for the particular species.
All open ground planted trees shall be double staked using two short stakes (1.5-1.8 metres long) driven into the ground to leave approximately 1 metre above ground and a cross rail secured across the top. Trees shall be firmly secured to the cross member ties and spacers with a minimum life expectancy of 4 years. Ties to be made of rubber belting or webbing material (minimum width 30mm) with square or round rubber spacers. The stakes are to be placed to prevent damage to the trees. The stakes must not cause rubbing of the tree trunk. Each tree shall be nailed to the stake with 2 No. 40mm long galvanised clout nails. The nails must be positioned on the opposite side of the stake to the tree trunk.

Where shown on plan a load bearing crate system is to be used beneath the footway to be filled with the rooting volume into garden areas. A product such as GreenBlue Urban Stratacell should be used, cells are to be filled with sandy loam topsoil to BS3089:2 or suitable site won soil. Module dimensions 300mm x 500mm x 250mm to be used 2 modules deep, providing 500mm depth of uncompacted rooting. Refer to detail P18.5270.104.

SHRUB PLANTING
Each bed shall be cultivated to a depth of 300mm. All stones in excess of 75mm in any dimension shall be removed from the site during the first cultivation. Planting compost shall be spread over the prepared shrub bed at the of 50mm depth of loose planting compost spread over every square metre of shrub bed. The planting compost shall then be thoroughly mixed and incorporated into the top 300mm of topsoil by forking or rotavator during a second cultivation.

ORNAMENTAL HEDGE PLANTING
Hedges are proposed in various locations throughout the site to define plot frontages. Deciduous hedging will be planted as a double alternate row of 60-80cm transplants, or larger. The evergreen hedges will be planted in various sizes according to species availability.

NATIVE HEDGE PLANTING
Native hedging will be planted as a double alternate row of 60-80cm transplants, or larger. The prescribed mix is to replicate those in the surrounding area. Hedges are planted at a density of 6 plants per linear metre.

MULCHING
Prior to mulching, the Contractor is to restate the previously cultivated soil by levelling undulations caused during planting operations, and by forking over the area to remove compaction if required. Final mulch surface to be left in a tidy, uniform level and raked condition. All shrub beds and tree pits shall be mulched using a uniform 75mm depth medium grade, bark nuggets with particles ranging from 5-40mm, free from pests, diseases and fungus.

GRASS TREATMENTS
Front gardens will be turfed with a quality amenity turf such as Rolawn Medallion.

Species Rich Meadow areas:
EM1 - General Purpose Meadow Mixture, or equivalent, supplied by Emorsgate Seeds Preparation
No more than 5cm of topsoil will be spread over the subsoil profile. This will be loose tipped and spread with a back actor to avoid compaction, and harrowed to a fine tith ready for seeding.
Seeding
Seed according to supplier's instructions. If soils have been spread before September, any weed growth that has established in the meantime will be sprayed with glyphosate and a seedbed be re-prepared.
Seed will either be broadcast by hand or by approved lightweight machinery at c. 40kg/ha. Following seeding, the area will be lightly rilled to incorporate the seed with the growing substrate.

Management
Year 1
Five cuts, collect arisings and remove from site.
Use a weed wipe three times in year 1 to kill off weeds - Spear thistle, creeping thistle, broad-leaved dock, clustered dock, wood dock, curled dock, nettle, ragwort and others according to recommendations.
Year two onwards
Single cut in late summer (August/September), with arisings raked and removed.

Foundation design of new buildings shall accommodate proposed tree and shrub planting in accordance with NHBC standards.



CLIENT:
HARTLEY PROPERTIES

PROJECT:
PROPOSED RESIDENTIAL DEVELOPMENT
SHOP LANE, KIRKHEATON

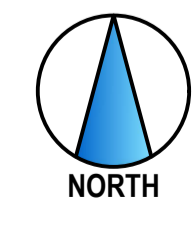
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LANDSCAPE MASTERPLAN

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100 / LANDSCAPE MASTERPLAN

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