

Notes
Do not scale from this drawing.
All dimensions are drawn in millimetres.
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KEY

- Extent of works boundary
- Existing Trees
Dashed line indicates Root Protection Area.

Soft Landscape

- Amenity Grass
Hard wearing general purpose seed mix
- M1 - Wildflower Grass Mix
- M2 - Courtyard Mix
- M3 - Linear Park Mix
- M4 - Ashburnham Mix
- M5 - Woodville Mix
- M6 - Internal Streets Mix
- M7 - Swale Mix
- Proposed Hedge Planting
Evergreen hedges

Proposed Trees

Tree Planting
Canopy spread shown at planted size in bold. Dashed line indicates approximate mature canopy spread at 25+ years. Species codes listed below.

- Ac *Acer campestre*
- Bp *Betula pendula*
- Bpu *Betula pubescens*
- Cb *Carpinus betulus*
- Ca *Corylus avellana*
- Cs *Cornus sanguinea 'Midwinter Fire'*
- Ee *Euonymus europaea*
- Fa *Frangula alnus*
- Hl *Hamamelis x intermedia*
- Me *Malus evereste*
- Ms *Magnolia stellata*
- Pa *Prunus avium*
- Pp *Prunus padus*
- Sa *Sorbus aria*
- Sc *Salix caprea*
- Sp *Salix pentandra*
- Tc *Tilia cordata*
- Te *Tilia x europaea*

Minimum Available Rooting Volume
Minimum volume equivalent to at least two thirds of the projected canopy area of the mature tree. In accordance with Urban Greening Factor Guidance. For areas under hard surfacing, suitable soil reinforcement systems will be used to support the paving while maintaining suitable root space for trees.

T1 - Tree Pit Type 1
Tree pit dimensions to be a minimum of 1200mm deep. Allow for aggregate drainage layer, all trees to be double staked and tied. Tree pit to be formed from a minimum of 350mm deep approved topsoil to BS3882:2015, overlying 850mm depth of an approved sub-soil to BS8601:2013, above a 200mm aggregate drainage layer separated from the soil by a geotextile membrane layer, sub soil below to be broken up to 200mm. Each tree pit will include an irrigation pipe circling the rootball, with inlet point at surface level. Rootcells to be used where available volume overlaps with adjacent areas of hard standing and root deflectors used in close proximity to services.

T2 - Tree Pit Type 2
Tree pit dimensions to be a minimum of 1200mm deep. Allow for aggregate drainage layer, all trees to be double staked and tied. Tree pit to be formed from a minimum of 350mm deep approved topsoil to BS3882:2015, overlying 850mm depth of an approved sub-soil to BS8601:2013, above a 200mm aggregate drainage layer separated from the soil by a geotextile membrane layer, sub soil below to be broken up to 200mm. Each tree pit will include an irrigation pipe circling the rootball, with inlet point at surface level. Rootcells to be used where available volume overlaps with adjacent areas of hard standing and root deflectors used in close proximity to services.

T3 - Tree Pit Type 3
Tree pit dimensions to be 1200mm deep. Allow for aggregate drainage layer, all trees to be double staked and tied. Tree pit to be formed from a minimum of 350mm deep approved topsoil to BS3882:2015, overlying 850mm depth of an approved sub-soil to BS8601:2013, above a 200mm drainage layer separated from the soil by a geotextile membrane layer. Each tree pit will include an irrigation pipe circling the rootball, with inlet point at surface level. Rootcells to be used where available volume overlaps with adjacent areas of hard standing and root deflectors used in close proximity to services.

T4 - Tree Pit Type 4
Tree pit dimensions to be 1200mm deep. Allow for aggregate drainage layer, all trees to be double staked and tied. Tree pit to be formed from a minimum of 350mm deep approved topsoil to BS3882:2015, overlying 850mm depth of an approved sub-soil to BS8601:2013, above a 200mm drainage layer separated from the soil by a geotextile membrane layer. Each tree pit will include an irrigation pipe circling the rootball, with inlet point at surface level. Rootcells to be used where available volume overlaps with adjacent areas of hard standing and root deflectors used in close proximity to services.

REFER TO 11265-LD-PLN-404



Hill Residential
Ham Close Regeneration
11265-LD-SCH-800
Rev P01

Illustrative Tree Planting Schedule

Botanical Name	Common Name	Girth/Dia	Height	Root Zone	Specification
<i>Acer campestre</i>	Field Maple	18-20 Cm	5-5.5m	Rootball	Semi-mature, 2.4m clear stem
<i>Betula pendula</i>	Silver Birch	20-25 Cm	6.5-7m	Rootball	Standard, 2.4m clear stem
<i>Betula pubescens</i>	Downy Birch	18-20 Cm	5-5.5m	Rootball	Semi-mature, 2.4m clear stem
<i>Carpinus betulus</i>	Common Hornbeam	18-20 Cm	5-5.5m	Rootball	Semi-mature, 2.4m clear stem
<i>Cornus sanguinea 'Midwinter Fire'</i>	Dogwood 'Midwinter Fire'		2-2.5m	Rootball	Multi-stem, bushy, 3 stems min.
<i>Corylus avellana</i>	Common Hazel		3-3.5m	Rootball	Multi-stem, bushy, 3 stems min.
<i>Euonymus europaea</i>	Spindle		2-2.5m	Rootball	Multi-stem, bushy, 3 stems min.
<i>Frangula alnus</i>	Alder Buckthorn	18-20 Cm	5-5.5m	Rootball	Semi-mature, 2.4m clear stem
<i>Hamamelis x intermedia</i>	Witch Hazel		2-2.5m	Rootball	Multi-stem, bushy, 3 stems min.
<i>Magnolia stellata</i>	Star Magnolia		3-3.5m	Rootball	Multi-stem, bushy, 3 stems min.
<i>Malus evereste</i>	Crab apple		3-3.5m	Rootball	Multi-stem, bushy, 3 stems min.
<i>Prunus avium</i>	Wild Cherry	20-25 Cm	6.5-7m	Rootball	Standard, 2.4m clear stem
<i>Prunus padus</i>	Bird Cherry	18-20 Cm	5-5.5m	Rootball	Semi-mature, 2.4m clear stem
<i>Salix caprea</i>	Goat Willow	18-20 Cm	5-5.5m	Rootball	Semi-mature, 2.4m clear stem
<i>Salix pentandra</i>	Bay Willow	18-20 Cm	5-5.5m	Rootball	Semi-mature, 2.4m clear stem
<i>Sorbus aria</i>	Common Whitebeam	18-20 Cm	5-5.5m	Rootball	Semi-mature, 2.4m clear stem
<i>Tilia x europaea</i>	Common Lime	20-25 Cm	6.5-7m	Rootball	Standard, 2.4m clear stem
<i>Tilia cordata</i>	Small-leaved Lime	18-20 Cm	5-5.5m	Rootball	Semi-mature, 2.4m clear stem

Note: Sizes shown are for illustrative purposes only. Exact size and specification to be agreed via condition at detailed design stage

Planting guidelines:

- All planting and landscape operations should comply with the requirements specified in BS 3936: 1992 Nursery Stock (Part One) and BS4428:1996 'Code of Practice for General Landscape Operations (Excluding hard surfaces).
- All topsoil (Existing and imported) and testing to conform to BS3882:2007 'Specification for Topsoil and Requirements for Use.
- All topsoil for planting to be tested by an approved topsoil analyst and any required amelioration or soil improvements to be carried out in line with analyst's report. Any soil not meeting the requirement of BS3882:2007, will be rejected. Testing certificates to be provided prior to delivery to site, with a further test once installed on site.
- All fertilizers are to be applied or supervised by qualified staff to avoid the action of plasmolysis.
- Trees to be planted in the first available planting season (listed below) following construction as root balled stock:
 - Deciduous trees and shrubs: Late October to late March.
 - Conifers and evergreens: September/ October or April/ May.
 - Herbaceous plants (including marginal): September/ October or March/ April.
- Container grown plants: At any time if ground and weather conditions are favourable.

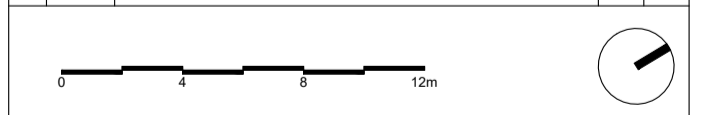
Maintenance Notes:

- All landscaped areas are to be maintained for 5 years or as agreed in the contract, until the plants have established.
- Planted areas to be kept clear of weeds at all times throughout the maintenance period.
- Planted areas to be forked through regularly to keep soil loose.
- Plants to be pruned to promote healthy growth and to remove dead and diseased wood.
- Watering as required to maintain healthy growth.
- Any species that dies or fails to establish during the first five years, shall be replaced by an identical species to the original specification.

Additional Notes:

- Any necessary tree works to be carried out by an approved tree surgeon to BS 3998:1996 'Recommendations for Tree Works'

No	Date	Description	By	CHK
PH1	09.03.22	Issued for Approval	AT	JL
PH2	21.03.22	Issued for Approval	AT	JL
PH3	09.03.22	Issued for Approval - updated to address officers comments	AT	JL
PH4	22.03.22	Issued for Approval - updated to address officers comments	AT	JL
PH5	29.03.22	Issued for Approval - updated to address officers comments	AT	JL



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Project
HAM CLOSE REGENERATION

Client
HILL RESIDENTIAL

Scale @A1
1:250

Status
FOR APPROVAL

Drawing Title
SOFT LANDSCAPE GENERAL ARRANGEMENT (SHEET 3 OF 4)

Job No
11265

Drawing No
LD-PLN-403

Issue
P05

