
TPO TREES TO BE RETAINED & PROTECTED DURING CONSTRUCTION.
Aldi Foodstore
Fultons Foods
Church
Poplar House
BARNSLEY ROAD (A628)
Trees/shrubs to be retained and restored
Trees/shrubs to be removed
0.8 High brick retaining wall see engineers drawings for details
NOTE: All soft landscape works to be carried out in accordance with: BS4428 1989
SUBSOIL
Subsoil should be broken up to relieve compaction and aid drainage prior to topsoiling to the following minimum depths:
- For light and non cohesive subsoils: 300mm
- For stiff clay and cohesive subsoils: 450mm
Immediately before spreading topsoil, remove all stones and debris larger than 50mm in any direction.
TOPSOIL
To be supplied and spread by the main contractor to the approval of the Landscape contractor, in accordance with BS 3882: 2007. To be a natural sandy loam, of medium texture, with a pH between: 5.5 and 7.5, not more than slightly stony and free of pernicious weeds.
Topsoil depths should be:
Areas for ornamental shrub planting: minimum 450mm
CULTIVATION
Weeds to be prevented from seeding or becoming established by applying a suitable non-residual herbicide and allowing the correct time to elapse, as directed by the manufacturer. All stones, rubbish, building debris, an grass turfs longer than 50mm in any direction to be removed, leaving a regular and even surface. Suitable slow release fertiliser to be supplied and spread @ 50g/m2 to all planted areas.
CLIMATIC CONDITIONS
Topsoiling should be carried out in the driest conditions possible – cultivation to be carried out when the soil is moist, friable and not waterlogged or frozen. Topsoil should not be handled during or after heavy rainfall or when it is wetter than the plastic limit as defined by BS 3882. Planting should not take place in waterlogged conditions or when the ground is frozen.
SOIL AMELIORANT
Peat free compost to be spread over ornamental shrub beds @ minimum 50mm depth prior to cultivation.
TREES
All trees within soft landscape areas to be planted in separate tree pits. Trees pit to be excavated to 1000mm depth to include a 200mm drainage layer in the base and 800mm depth backfilled topsoil/compost growing medium; 200mm depth drainage layer to consist of well washed gravel in the base with geotextile layer separating the drainage layer from the growing medium.
Pit bottom to be broken up to minimum depth of 250mm and sides scarified.
Trees to be backfilled with topsoil / tree planting compost 1:6 by volume. All plant material to comply with BS 3936 Part 1: 1992, obtained from a nursery certified by the HTA and transported to site in accordance with the HTA Plant Handling Guide 1996. All trees to be planted to the original root collar and the following methods should be implemented to secure them: Trees in soft - double staked using 75mm dia. pressure treated timber stakes and cross bar, secured with tree ties and spacers at a height not exceeding 1/3 of the tree height. Trees in hard - Platypus underground guying system or equal approved.
SHRUB PLANTING
All shrubs to be positioned as shown on the drawing and to the density and specification listed in the plant schedule. Planting holes to be 150mm wider than the root spread, ground at base of hole to be thoroughly broken up before planting and backfilled with compost.
MIXES: To be arranged in groups of 3,5 & 7 with no two groups of the same species touching.
TIMES OF YEAR FOR PLANTING
Landscape works to be carried out during the first possible planting periods following completion of the building and associated engineering works / car park areas in accordance with the following:
Native and ornamental trees: During dormant winter period - Late October to late March
Bare root native transplants: During dormant winter period - Late October to April
Container grown ornamental and specimen shrubs: At any time if ground and weather conditions are favourable.
MULCH
75mm depth of 6-35mm ornamental bark mulch to be supplied and spread to all planting areas. Polished mulch level to be installed and maintained at 25mm below any adjacent kerbs or paving surfaces.
MAINTENANCE
All planting areas to be maintained to a high standard for 5 years after practical completion, to ensure the landscape scheme is successful, and discourage decline of the area. The site is to be visited at minimum once per month. Any defects or plant losses occuring in 5 years to be replaced at the contractors expense. All planting beds to be re-firmed and kept weed free through hand weeding and if necessary through selective application of an approved herbicide where appropriate. If used, all pesticides should be non-residual. The specified thickness of mulch is to be maintained. The condition of all trees is to be regularly checked, with ties and stakes adjusted or replaced as necessary. Shrubs to be pruned at appropriate times of year to promote healthy growth and desirable ornamental features. All arisings to be removed.
Landscape Key
Existing trees and shrubs to be retained
As protected in accordance with BS837:2012 guidance during construction works.
Existing trees and shrubs to be removed
Omit existing trees and shrubs within the cloud boundary shown
Proposed tree planting
To be planted with Greenleaf Root Director modular root protection system. Refer to plant schedules for species & specification
Proposed specimen planting
Refer to schedule for species and specification
Proposed ornamental shrub planting
Refer to schedule for species and specification
PLANTING SCHEDULE
Name | Abb | Height | Root | Container | Habit | Breaks | Density | Quantity
Shrubs
Berberis julianae | Bj | 30-40 | C | 3L | Bushy | 3 | 4/m² | 66
Choisya ternata 'Sundance' | ChS | 40-60 | C | 3L | Branched | 3 | 4/m² | 66
Elaeagnus ebbingei 'Limelight' | Eel | 40-60 | C | 3L | Branched | 3 | 4/m² | 210
Escallonia 'Donard Star' | EDS | 40-60 | C | 3L | Bushy | 4 | 4/m² | 72
Euonymous fortunei 'Emerald & Gold' | EFEG | 25-300 | C | 3L | Bushy | 7 | 5/m² | 310
Euonymous fortunei 'Silver Queen' | EFSQ | 25-300 | C | 3L | Bushy | 7 | 5/m² | 285
Lonicera nitida 'Maigreen' | LnM | 30-400 | C | 3L | Bushy | 8 | 5/m² | 200
Mahonia aquifolium 'Apollo' | Ma | 30-40 | C | 3L | Branched | 5 | 4/m² | 460
Prunus laurocerasus 'Otto Luyken' | PrOL | 40-60 | C | 3L | Leader & laterals | 4 | 4/m² | 305
Pyracantha 'Mohave' Little Red Robin | PrLRR | 30-40 | C | 3 | Branched | 6 | 4/m² | 80
Viburnum davidii | Vd | 30-40 | C | 3L | Bushy | 5 | 5/m² | 355
Vinca minor | Vm | 40-60 | C | 3L | Sev Shoots | 3 | 5/m² | 145
Trees
Name | Abb | Form | Age | Girth | Height (cm) | Clear stem | Breaks | Root | Quantity
Betula pendula | Bp | Standard (Extra Heavy) | 3x | 16-18 | min 450 | min 150 | 3 plants | RB | 3
Betula utilis 'Jacquemontii' | BuJ | Multi stem | 4x | / | 300-350 | / | / | RB | 2
Pyrus calleryana 'Chanticleer' | PyC | Standard (Extra Heavy) | 3x | 18-20 | min 450 | min 250 | / | RB | 1
Sorbus aucuparia | Sa | Standard (Extra Heavy) | 3x | 14-16 | 425-600 | 175-250 | 5 | c. 75L | 2
Name | Abb. | Height | Root | Container | Habit | Breaks | Density | Quantity
Specimen Shrubs
Amelanchier lamarckii | Al | 200-250 | C | 25-30L | Multi-stemmed | 5 | 1/m² | 6
Prunus serr 'Purpurea' | PrP | / | C | 15L | Triple Crown | / | 1/m² | 3
Proposed Aldi Foodstore Development
Barnsley Road
Cudworth
Aldi Stores Ltd
Tender
Landscape Plan
V0738 L101
vector
LANDSCAPE DESIGNERS