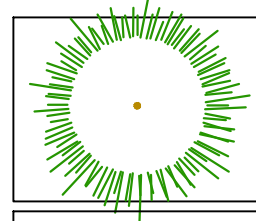


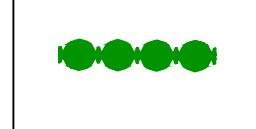
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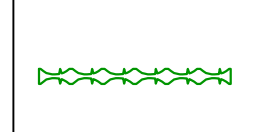
PROPOSED TREE PLANTING



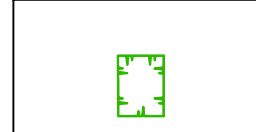
NATIVE HEDGE PLANTING MIX 1



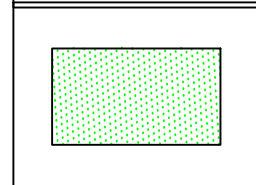
NATIVE HEDGE PLANTING MIX 2



NATIVE HEDGE PLANTING SINGLE SPECIES



ORNAMENTAL SHRUB PLANTING



A22 GRASS SEED (CLOSE MOWN)

Plant Schedule

Abbreviation	Species	Height	Girth	Specification	Pot Size	Number of Plants
BP	Betula pendula	350-425cm	12-14cm	Heavy Standard: 3x	RB	4 -
PA	Prunus avium	350-425cm	12-14cm	Heavy Standard: 3x	B	1 -
SAR	Sorbus aria	350-425cm	12-14cm	Heavy Standard: 3x	B	1 -
Total :6 -						

Abbreviation	Species	Specification	Height	Pot Size	Density	Mix Species Contribution	Number
ILEA	Ilex aquifolium	Container	60-80cm	5L	6/m	20%	114 -
PRUSP	Prunus spinosa	Transplant 1+1	60-80cm	B	6/m	20%	114 -
CORAV	Corylus avellana	Transplant 1+1	60-80cm	B	6/m	30%	170 -
CRAMON	Crataegus monogyna	Transplant 1+1	60-80cm	B	6/m	30%	170 -
Total :100%							Total :568 -

Abbreviation	Species	Specification	Height	Pot Size	Density	Percentage Contribution	Number
FS	Fagus sylvatica	Transplant 1+1	60-80cm	B	6/m	75%	110 -
Il aq	Ilex aquifolium	Container	60-80cm	3L	6/m	25%	38 -
Total :148 -							

Abbreviation	Species	Specification	Height	Pot Size	Density	Number of Plants
BUXSE	Buxus sempervirens	Single row	60-80cm	5L	8/m	336 -
Total :336 -						

Abbreviation	Species	Specification	Density	Height	Pot Size	Number of Plants
COE	Carex oshimensis 'Evergold'		4/m²		10L	18 -
CTS	Choisya temata Sundance ®		6/m²	30-40cm	3L	27 -
HRE	Hebe albilans 'Red Edge'		6/m²	30-40cm	3L	25 -
Total :70 -						

AMENITY GRASS SEED MIX - To be sown at a rate of 50g/M².

A22 - Hard Wearing, Low Maintenance.

www.geminalamenity.com/a22-low-maintenance

Available from Geminal GB Ltd. Tel: 01522 868714 (or similar approved)

NOTE: TAYLORS LANE LEADS FROM BURY NEW ROAD TO AINSWORTH HALL ROAD WHICH ENABLES ACCESS TO THE SITE FROM EITHER DIRECTION.

PEDESTRIAN ACCESS TO STABLES

PROPOSED CAR PARKING TO SERVE THE STABLES TO BE INCORPORATED ON TO THE EXISTING TURNING AREA AS SHOWN. TO BE FINISHED WITH GRAVEL OR SIMILAR PERMEABLE MATERIAL

NO.9 TAYLORS LANE

NEW WALL CONSTRUCTION TO SEPARATE GARAGE FROM STABLES

PROPOSED CONVERSION OF STABLES TO GARAGE

EXISTING DOOR TO BE REPLACED WITH EXTERNAL DOOR TO CLIENTS SPECIFICATION

BROKEN LINES INDICATE EXISTING CONSTRUCTION TO BE DEMOLISHED

PROPOSED FRONT ENTRANCE TO CONVERTED DWELLING

PROPOSED CONVERSION OF STABLE TO DWELLING

119 No. CORAV
119 No. CRAMON
80 No. ILEA
80 No. PRUSP

TAYLORS LANE

24 No. FS
8 No. Il aq

34 No. FS
12 No. Il aq

EXISTING SKYLIGHT

MIDDEN

DRIVEWAY TO GARAGE TO BE FINISHED WITH GRAVEL OR SIMILAR PERMEABLE MATERIAL

GARAGE DOOR TO CLIENT SPECIFICATION

EXISTING WALL REMOVED TO FORM OPENING FOR ACCESS TO GARAGE

19 No. FS
7 No. Il aq

EXISTING PADDOCK

EXISTING FIELD

53 No. BUXSE

33 No. FS
11 No. Il aq

7 No. CTS

7 No. HRE

5 No. COE

162 No. BUXSE

7 No. CTS

6 No. HRE

5 No. COE

6 No. CTS

6 No. HRE

4 No. COE

7 No. CTS

6 No. HRE

4 No. COE

83 No. BUXSE

38 No. BUXSE

PROPOSED GARDEN AREA

51 No. CORAV
51 No. CRAMON
34 No. ILEA
34 No. PRUSP

1 No. BP

1 No. SAR

1 No. PA



SPECIFICATION

GROUND PREPARATION - GENERAL

Preparing for topsoiling
Grading and cultivation shall be in accordance with BS 4428:1989 section 4. Subsoil that is to receive topsoil shall, whether obviously overcompacted or not, be thoroughly broken up by hand, by heavy rotavator, by subsoiler or tined equipment with adequate passes made to thoroughly break up the surface to a depth of 150mm, cleared of all large stones, bricks, perennial weeds, tree roots (excluding living tree roots), coarse vegetation and other extraneous matter.

Subsoil grading
Subsoil shall only be graded after loosening as above, and this shall be undertaken by the use of a tractor and blade grader on large areas and by a small mechanical grader or by hand on small areas. Ground shall at no time be traversed by heavy machinery, for grading or any other purpose after subsoiling and/or topsoiling has taken place.

Making up levels
When subsoil is deposited in low lying areas to raise formation levels, it shall be lightly consolidated and left broken up ready to receive topsoil. Imported fill material shall be natural subsoil free from metal, concrete or organic material with any one dimension greater than 100mm. All imported fill material shall be approved by the Landscape Architect prior to spreading on site.

Supply of topsoil
Topsoil to be supplied shall be approved by the Landscape Architect and details of the source of supply shall be provided in order that inspection may be made before delivery commences. Topsoil shall conform to BS 3882: 2015. Recommendations and classification for topsoil, clause 4.1a. The soil shall be free of weeds, roots or perennial weeds, pests, diseases, debris, tree roots, sticks, subsoil and foreign matter and shall be capable of being broken down to a fine lift.

Temporary topsoil heaps
The depositing of temporary heaps of topsoil shall be so arranged that possible damage to existing grass, plants, tarmacadam, paving etc, is avoided. Unless otherwise agreed by the Landscape Architect, temporary soil heaps shall be on protected ground. Such protection shall take the form of tarpaulins, plastic sheets, boards or similar covering. If damage does occur, it shall be made good at the contractor's own expense. Areas excavated to receive topsoil but have not had the base loosened shall not be used as temporary off loading areas. If the bottom of the excavation has been loosened off, loading on these areas is permissible.

Spreading topsoil
Prior to topsoil replacement the formation level shall be cleared of all stones, rubbish, debris with any one dimension greater than 75mm. Areas to be seeded or turfed shall be covered by topsoil 100mm thick and areas to be planted shall be covered by topsoil 300mm thick. Topsoil shall be spread in an evenly consolidated layer and shall be left cleared of all roots, stones and debris with any one dimension greater than 50mm throughout its depth. Unless otherwise stated the finished level shall be 25mm above adjacent hard areas. No topsoil shall be spread until the subsoil grade has been inspected by a Landscape Architect.

PLANTING
Planting areas shall be rotavated to a depth of 225mm in the original ground, or where the ground is compacted, ripped and rotavated. Pick off stones, bricks, timber and all other debris arising which have any dimensions greater than 50mm and remove off site to tip. Do not cultivate across any drain where the stone is flush with the ground surface.

Soil improvers
Where directed composts, fertilisers or other additives shall be incorporated into the soil. Spent mushroom compost or similar shall be spread to the specified thickness and incorporated, by rotavating, into the top 150mm. Fertilisers, organic or inorganic, shall be raked into the top 25mm.

Rejection of plants
All plant material should comply with the minimum requirements in BS 9336-1: 1992 Specification for trees and shrubs and BS 9336-4: 2007 Specification for forest trees and BS 8545: 2014 Trees from Nursery to Independence in the Landscape. Any plant material, which in the opinion of the Landscape Architect, does not meet the requirements of the Specification, or is unsuitable, or defective in any other way, will be rejected. The minimum specified sizes in the plant schedule will be strictly enforced. The contractor shall replace all plants rejected at his own cost.

Planting
All plant material shall generally be planted between November and March in open cool weather. Planting shall not take place in frosty, snowy or waterlogged conditions. Where approved, pot or container grown plants may be planted outside the described season, but adequate watering shall be supplied. Torn or damaged roots and branches shall be cleanly pruned prior to planting.

Planting of whips, transplants and shrubs
The nature of the material to be planted is variable and the contractor shall allow for planting to be properly carried out in all cases as described in BS 4428: 1989 section 7 Amenity tree planting, section 8 Woodland planting and section 9 Planting of shrubs, herbaceous and bulbs. All plants shall be planted at same depth, or very slightly deeper, as they were grown. Roots shall not be bent, broken or forced into inadequate pits or notches. Plants shall be upright, firmed in and wind resistant, with no air pockets around roots. All pots and root wrappings shall be carefully removed prior to planting. All pots and wrappings arising shall immediately be picked up and stored ready for removal to tip. Plants shall be planted at the specified centres. On steep slopes this shall be in the horizontal measure.

Tree planting within soft landscape areas
Trees shall conform to BS 9336-1: 1992 and be planted in tree pits of the following sizes unless directed otherwise:
Heavy standards - 1200 x 1200 x 600
Excavated subsoil or stone shall be carted off site to tip. The bottom 250mm of the pit shall be dug and broken up. The bottom of the pit shall be backfilled with subsoil (site or imported) to comply with BS 8601: 2013. The top 300mm of the pit shall be backfilled with imported topsoil as specified unless directed otherwise.

Compost for planting pits
Compost shall be a proprietary product, bark based incorporating fertilisers and improving additives. The type of compost shall be approved before its delivery on site, and the details of the product shall be supplied. Cambrak planting compost is approved. Where directed compost shall be added to and mixed with topsoil backfill at the following rates:
Heavy standards - 80 litres

Stakes for trees
Stakes shall be peeled round softwood, pointed, minimum diameter 75mm. The stakes shall be driven into the base of the tree pit prior to placing the tree and backfilling.
Stakes shall in general have a clear height above the finished ground level as follows unless directed otherwise:
Heavy standards - 1200mm (2 stakes)
The stake shall be long enough to drive until they hold the tree firmly without rocking.

Tree ties
Ties for trees shall be the environmentally friendly 'NATURETIE' tree ties sourced through Green-tech, or other equal and approved. Ties shall not be over tight on the tree stems. Ties available from Green-tech, Rabbit Hill Business Park, Great North Road, Ardenale, HGS GFF. There shall be a tie per stake.

Planting of trees
The tree shall be set upright and at the same depth as grown in the nursery, the roots shall be spread out (bareroot) and the soil followed by compost topsoil mixture, backfilled. Backfilling should be done to ensure close contact between roots and by firming in layers (bareroot). The soil shall be left level and tidy, any subsoil clods, bricks or stones over 50mm arising, collected and carted off site.

Mulching
A 75mm compacted layer of medium grade pulverised bark, with a particle size of not more than 100mm and containing no more than 10% fines, shall be spread to form a continuous layer covering the whole of the bed, or in the case of standard trees within grass shall be in the form of a circle of 600mm diameter around the base of the tree. Whips and transplants shall be mulched in the form of a 300mm diameter circle around the base of the tree. Where trees are planted within grass a circular hemp mulch mat is required beneath the layer of mulch at the diameters stated above, secured with fixing pegs. The tree pit surface shall be as big as possible.

GRASS SEEDING AND MAINTENANCE

Soil Preparation and Cultivation
Final grading of topsoil shall be agreed by the Landscape Architect before cultivation and seeding. All areas to be seeded shall be cultivated to 150mm depth and all weeds, stones, and refuse larger than 50mm shall be removed to tip. Cultivated soil shall be rolled and raked to produce a tilth 25mm deep. Allow for hand cultivation where machine work is not possible. Seed sowing must immediately follow the preparation of the seed bed.

Seeding
Sowing shall be carried out during calm weather. All sowing is at the contractor's own risk and any areas where germination fails shall be re-seeded at the contractor's own expense.
The operation should be carried out in equal sowings and transverse directions and the seed shall be raked or harrowed in. Sowing shall be at the rate of 50 grammes per sq.m. and overseeding shall be at a rate of 20 grammes per sq.m.

Seed Mix
The seed mix shall be A22 mix, obtainable from Geminal Seeds GB. Grass seed shall be of the composition, purity and germination as specified in BS 4428: 1989. Certificates of purchase shall be provided for all deliveries prior to the sowing of grass seed stating source, mixture, purity and germination percentage.
Alternative cultivars of the above species may only be used if approved by the landscape architect.

Protection of Newly Seeded Areas
All reasonable precautions shall be taken to ensure that pedestrian and other traffic does not cross the grass areas during cultivation, seeding or until grass is established. Where obvious 'Short cutting' is occurring, the contractor shall erect an approved temporary fence so as to minimise the maintenance period or until such time as it is no longer necessary, or as directed.

First Cut
When the grass is 100mm high, it shall be cut down to 50mm so as to avoid root pulling. If the grass has been allowed to grow any longer than the cuttings shall be raked off and taken off site.

Second Cut
When the grass is 65mm high a second cut shall be carried out using a rotar mower. No more than one third of the foliage may be removed.

Subsequent Cuts
Thereafter, when the grass grows to 100mm high, it shall be cut down to 50mm with a fail type mower, until the end of the maintenance period, or longer if so directed. The grass shall be cut on a regular basis if so directed.

Making Good
Any defects such as shrinkage, ponding, sparse germination or disease shall be made good and re-seeded as above.

Damage to Existing Grass
The contractor will be responsible for cultivating, seeding and maintaining, as above all areas of existing turf that are damaged during the course of the works for reasons of storage, working areas, transport of materials excepting those areas which are specifically defined and measured in the contract. Any areas, which in the opinion of the Landscape Architect, are consolidated during the course of these works, shall be loosened with a ripper or other suitable implement to ensure adequate drainage through the sub soil.

Watering
The Contractor shall be responsible for the replacement of any scorched turf. All necessary watering shall be carried out with sprinklers or oscillating sprays so as not to wash soil out of joints. If shrinkage occurs and the joints open, fine topsoil shall be brushed in and well watered.

PROTECTION TO EXISTING TREES
The recommendations in BS 5837: 2012, *Trees in Relation to Design, Demolition & Construction* must be complied with at all times.

MAINTENANCE
All maintenance to be carried out from the date of planting and turfing to ensure successful establishment. All dead, diseased, damaged plants must be replaced during this time unless the local Planning Authority states, in writing, any variation to this.

Weeding
All beds to be kept weed free by hand weeding. Beds to be forked over as necessary to keep soil loose to approved cambers with no hollows.

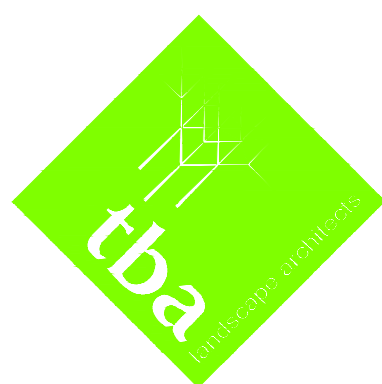
Pruning
At appropriate time, prune plants to remove dead, dying or diseased wood and suckers to promote healthy growth and natural shape.

Watering
The Contractor shall ensure that sufficient water is applied to maintain healthy growth.

Litter
Site to be kept free of litter.

Grass cutting
The initial cut shall be carried out when first growth is apparent, blades set 20mm above ground. The Contractor shall continue cutting at appropriate intervals during the growing season and maintain 40mm high sward. Watering, weeding, cutting, repair of all erosion and settlement and re-seeding as necessary to establish a uniform and healthy stand of grass shall be carried out.

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Landscape Architecture

Arboriculture

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Project				
Taylors Lane, Ainsworth, Bolton				
Neil Pike Architecture				
Title				
Landscape Proposal				
Date		Scale(s)	Dwg no	Rev
Mar '23		1:200	7099.01	
Dwn	Chkd	@ A1		
NC	JW			