

Hedging:
60-90cm Bare root hedges planted at 400mm centres in double staggered row.

Carpinus betulus (Hornbeam)	50%
Prunus spinosa (Blackthorn)	20%.
Acer campestre (Field Maple)	10%
Corylus avellana (Hazel)	10%
Cornus sanguinea (Dogwood)	5%

Trees

Ref	Species	Girth	Height	Rootball / Containerised	Notes
T01	Carpinus Betulus	8-10	2.5-3m	RB	Clear Stem
T02	Betula pendula	8-10	2.5-3m	RB	Clear Stem
T03	Sorbus aucuparia"streetwise'	8-10	2.5-3m	RB	Clear Stem
T04	Betula pendula	8-10	2.5-3m	RB	Clear Stem
T05	Sorbus x arnoliana Schouten	8-10	2.5-3m	RB	Clear Stem
T06	Carpinus Betulus	8-10	2.5-3m	RB	Clear Stem
T07	Betula pendula	8-10	2.5-3m	RB	Clear Stem
T08	Frangulus alnus	8-10	2.5-3m	RB	Clear Stem
T09	Tilia cordata	8-10	2.5-3m	RB	Clear Stem
T10	Malus sylvestris	6-8	2-2.5	CG	Airpot
T11	Prunus padus (albertii)	N/A	1.5-1.75	RB	Multi-stem
T12	Pyrus communis - Common Pear	10-12		RB	Clear Stem
T13	Malus Syvestris	6-8	2-2.5	CG	Clear Stem
T14	Betula pendula	N/A	3-3.5	CG	Multi-stem
T15	Malus Syvestris	6-8	2-2.5	CG	Clear Stem

Grass & Meadow Seeding Generally:
The area to be seeded is to be graded to smooth even running falls to allow the finished level of grass sward to be 25mm above adjoining paved areas. Sow: April-October
The soil surface is to be cultivated to a fine, firm tith with a good crumb structure and uniformly firmed by rolling/tredding and then lightly raked to 25mm depth to form a true, even surface. All rubbish, clods of earth and stones exceeding 50mm dia. to be removed.

Meadow Intial Sowing & Establishment - Sow in Spring unless otherwise stated

EG21 - Sow rate 25g/m2
Ground Preparation - Control weeds and create a firm, level seed bed. Remove weeds with repeated cultivation.
Plough/dig to bury vegetation, then harrow/rake for medium tilth. Let soil settle for days/weeks (stale seedbed technique).
Re-cultivate lightly, remove stones, rake and roll repeatedly for an even surface. Final seed bed: medium-fine tilth, firm and level.

Sowing
Autumn or spring; ensure soil has warmth and moisture. Ensure soil is moist
Surface sow onto prepared bed by machine or hand. Divide seed for even coverage; sow in overlapping sections.
Lightly rake/harrow to settle seed (do not bury deeply). Firm with rolling or treading for good soil contact.

First Season Management - After 3–4 weeks (when grass is established), lightly roll/tread to firm soil before first cut. Avoid rolling if soil is waterlogged.

EM3 - Sow rate 4g/m2 Annual weed & cut to 50mm late Summer. Remove arisings & compost
Ground Preparation: Remove weeds via repeated cultivation. Plough/dig to bury vegetation.
Harrow/rake for medium tilth. Roll or tread for firmness.
Sowing: Sow in Spring, surface sow (do not cover seed).
Apply by machine or hand. Divide seed into parts for even distribution.
Firm in with rolling or treading for good soil contact.

First-Year Management- Meadow species are slow to establish; expect annual weeds early.
Do not cut weeds until mid-late summer (especially if Yellow Rattle or cornfield annuals present).
Cut and remove in early August, then keep short by mowing/grazing until next March.
Remove any remaining perennial weeds.

Refer to Maintenace Specification for Established maintenance

PLANTING NOTES & SPECIFICATION

General
All plants to be supplied in full accordance with the HTA National Plant Specification.
All tree work in accordance with BS 5837: 2005 and BS 3998: 1989 Works undertaken only after agreement of Tree Officer if trees TOP'd or in Conservation Area. Works not to be undertaken in bird nesting season without consent.
All nursery stock in accordance with BS 3936 (Part 1)
All landscape operations (excluding hard surfaces) in accordance with BS 4428:1989
Newly planted areas to be protected by temporary chestnut pale fencing in accordance with BS5837

Soiling Depths:
Grassed Areas – 150mm topsoil, subsoil to be loosened to150mm
Wildflower areas – 300mm subsoil (no topsoil)
Hedge Planting – 450mm topsoil, 450mm subsoil
Shrub Planting – 300mm topsoil, 300mm subsoil

Protection to Existing Trees:
The recommendations in BS5387 (2012), 'Trees in relation to Construction' must be complied with at all times. No pruning, lopping, felling or severance of roots is to take place without prior consent of the local authority. Any work to the existing trees is to be carried out by a qualified tree surgeon. The position and construction of protective fencing shall be agreed with the local authority prior to any site works commencing. Under no circumstances must any materials be stored under the canopy of existing trees, and no cement, diesel or oil stored near them. No vehicles should pass under the canopy of existing trees. No fires should be lit in close proximity to existing trees. No ropes, cables, services or notice boards shall be fixed to existing trees. Under no circumstances should the levels around existing trees be either raised or reduced. Scaffolding may only erected within protected areas if it is done so in accordance with BS 5837. Any excavations under existing tree canopy spreads shall be done by hand.

Topsoil in accordance with BS 3882:1994
Undisturbed topsoil to BS4428

Tree planting to have 3sqm (minimum) of growing medium/plant in shared trench wherever possible.

Tree Planting: Trees shall be planted into tree pit 75mm deeper than root system and wide enough to accommodate the root system when fully spread. Break up bottom of pit and backfill with 3:1 excavated topsoil: peat free compost mix and slow release fertiliser.
NB. Check for services prior to excavation of tree pit.

Established Maintenance: Straighten trees/shrubs and re-firm around roots after windy/frosty weather. Water trees/shrubs/line of hedge to field capacity during dry spells in spring/summer. Remove spiral guards from hedge plants after 2 years once hedge has become established. Light regular trimming of the hedges will encourage bushy growth and formation of a dense hedge. First mow when grass sward is 75mm high and grass is reasonably dry. Height of first cut to 50mm. Remove arisings from site.
After establishment, formative prune hedges 2 to 3 times a year to maintain size and spread and formative prune or ornamental shrubs as necessary to maintain desired size and shape. Establish appropriate mowing regime (e.g. one cut/month during April, May, September and October, 2 cuts per month during June, July and August.

All plant failures in the first 5 years to be replaced during the next suitable planting period.

Plants / trees – general
Condition: materially undamaged, sturdy, healthy & vigorous
Appearance: of good shape and without elongated shoots
Free from pests, diseases, discoloration, weeds & physiological disorders.
Origin: British grown, preferably local provenance.

Plants / Trees - specification criteria
Name, forms, dimensions and other criteria: as scheduled and defined in the NPS.

Times of year for planting
Deciduous trees & shrubs: late October to late march
Conifers & evergreens: September / October or April / may
Herbaceous plants (including marginal): September / October or March / April
Wildflower plugs: late august to mid November or march / April

Planting wildflower plugs
Keep plants watered and in shade until planted – do not allow to dry out.
Preparation: remove brambles, coarse & invasive weeds from planting sites.
Plant into a hole to suit plug size and shape. Create a cleft at bottom of hole to improve rooting. Gently firm plant into hole.

Tree pits (for standard trees)
Sizes: 75mm deeper than the root system and wide enough to accommodate roots when fully spread.
Pit bottoms: with slightly raised centre. Break up to a depth of 150mm. Backfilling: reuse excavated material

Staking (for standard trees)
Stakes: softwood, peeled chestnut, larch or oak, straight, free from projections and large edge knots and with pointed lower end.
Position stake close to tree on windward side and drive vertically at least 300mm into bottom of pit before planting.
Height of stake: cut to approx 600mm above ground level
Ties: contractors choice
Tying: secure tree firmly but not rigidly to stake with 2 ties within 25mm of top of stake.
Tree protection
Manufacturer / product reference: contractors choice
Type: spiral
Colour / support: clear, bamboo canes

Woodland planting
Generally: check for above / below ground services. Give notice if they may be affected and obtain instructions before proceeding.
Safety: comply with Arboricultural & FAG guidance.

Notch planting in uncultivated ground
Make a double vertical L or T notch deep enough to accommodate full depth of roots.
Plant tree, close notch with root collar at ground level and firm the soil

Setting out
Planting density: 1.5m centres
Layout: random groups of no less than 3 or more than 7 of the same species, ensuring that no three plants are aligned in any one direction.

Establishment maintenance / making good defects
Failures of planting
Defects due to materials or workmanship not in accordance with the contract.
Replacements: to match size of adjacent or nearby plants of the same species or match original spec, whichever is the greater.
Timing: during the next suitable planting season

Woodland Scrub planting maintenance
Watering: only necessary to prevent plants wilting
Loose plants: re-firm surrounding soil, without compacting
Weed control: cut down & remove weeds prior to setting seed in a 1m dia. around each tree.
Thinning: thin to densities specified in the ecologists management plan

KEY

- Proposed lawn
- Proposed wildflower planting
- Proposed native shrub planting
- Proposed herbaceous planting
- Proposed native hedge planting
- Existing hedge planting / Hedge retained (thick stripe) / Hedge removed (red)
- Proposed Street Tree

GENERAL NOTES:

1. Do not scale from this drawing.
2. All levels, dimensions & setting out to be checked & agreed on site.
3. All dimensions are in millimetres unless otherwise stated.
4. All drawings must be read in conjunction with all Landscape, Civil, Geotechnical & Structural Engineers, National Highways, British Waterways and Architectural Documentation.
5. The contractor shall be responsible for confirming the position of all existing services, structures and works including building set out, in and around the site, prior to the commencement of works.
6. Contractor to confirm all dimensions and levels with Landscape Architect, prior to commencing work and ordering materials.
7. The contractor is to protect all listed structures during works.
8. This drawing is copyright protected & may not be reproduced in whole or part without written authority.
9. Typical detail drawings are to be considered as design intent and not construction drawings. Selected Fabricators and Manufacturer's to provide fabrication drawings for XQLA approval

REFER TO:

XQLA Drawings:

General Arrangements:
847-XQL-00-00-DR-L-0101-General Arrangement
847-XQL-00-00-DR-L-0102-Tree Removal and Protection Plan
847-XQL-00-00-DR-L-0400-Soft Landscape Plan

Planting Plans
847-XQL-00-00-DR-L-0401-Planting Sheet 1
847-XQL-00-00-DR-L-0402-Planting Sheet 2
847-XQL-00-00-DR-L-0403-Planting Schedule 1
847-XQL-00-00-DR-L-0404-Planting Shedule 2

XQLA Documents:

847-XQL-XX-00-SP-L-0800- Soft Landscape Maintenance Specification

Architects Drawing:
XX

Engineers Drawing:
XX

Refer to Architects drawings for building interface
Refer to Conservation Architects drawings for historic structures
Refer to Arboricultural & Topographical survey

SCALE 1:250

0m 5m 10m 20m 25m

REVISION	DATE	DESCRIPTION	DRAWN BY	APPRVD BY
-	-	-	-	-
-	-	-	-	-
PL02	261027	Rear garden update	SK	XQ
PL01	251113	Planning issue	KoH	KoH
P01	251106	First issue	KoH	KoH

PLANNING

847_PLANE STREET, HUDDERSFIELD
PROJECT

SOFTWORKS PLAN
DRAWING NAME

1:250 @ A1	NOV' 25	S4	PL02
SCALE	DATE	STATUS	REVISION

847-XQL-00-00-DR-L-0400
DRAWING NO.

KoH	KoH	XQ
DRAWN BY	CHECKED BY	APPROVED BY

Xanthe Quayle Landscape Architects
01484 841000 studio@xanthequayle.com
3M BIC, Firth St, Huddersfield, HD1 3BD. Reg: 08288659 xanthequayle.com