

DESIGN CONCEPTS

HARD LANDSCAPING

The layout and choice of materials is designed to fulfil the following criteria:

1. To provide an attractive and functional area for vehicles entering the site, turning and parking
2. To provide enough space for easy manoeuvring within the site without needing an excessive area of hard standing
3. To allow surface water to infiltrate back into the ground
4. To distinguish between areas solely for the use of pedestrians and areas accessible to vehicles

SOFT LANDSCAPING

The landscape works are designed to fulfil the following criteria:

1. To avoid the loss of the mature planting fronting Cuttsheath Road
2. To create Biodiversity Net Gain
3. To provide privacy around the site
4. To allow views across the Severn Vale
5. To allow space for the residents of the building to chose their own planting

SPECIFICATION NOTES

SOFT LANDSCAPING

MIXED NATIVE HEDGING:

50% Hawthorn and 10% each of 5 plants chosen from Cherry Plum, Crab Apple, Dog Rose, Common Dogwood, Field Maple, Guelder Rose, Hazel, Sweet Briar Rose or Wayfaring Tree.

Hedging to be 2-year-old transplants, 450 - 600mm high, planted in a double row at the rate of 5 plants per metre, setting the plants 40cm apart in each row with 40cm between the 2 rows.

IMPORTED TOPSOIL

Imported topsoil to be to BS 3882 Grade: 0.6-2 mm, free of fragments and roots of aggressive weeds, sticks, straw, subsoil, pieces of brick, concrete, glass, wire, large lumps of clay or vegetation, and the like. Grade to smooth flowing contours to achieve specified finished levels of topsoil. Carry out the work while soil and weather conditions are suitable.

PLANTING MIX

Three parts by volume of organic soil and one part of compost as described in BS PAS100, well rotted compost or manure, with a neutral pH value free from harmful chemicals, grass and weed growth. Do not use products containing peat. Thoroughly mixed before placing.

PLANTS

To be British grown and true to species name, materially undamaged, sturdy, healthy and vigorous, of good shape and without elongated shoots. Root system to be balanced with branch system. To be grown in a suitable environment and hardened off. To be free from pests, diseases, discolouration, weeds and physiological disorders.

CONTAINER GROWN PLANTS/ TREES

To be grown in a medium with adequate nutrients for plants to thrive until permanently planted. Plants to be centred in containers, firmed and well watered with root growth substantially filling containers, but not root bound, and in a condition conducive to successful transplanting. To be grown in the open for at least two months before being supplied.

PLANT SUBSTITUTION

Do not make substitutions without approval.

PLANT HANDLING, STORAGE TRANSPORT AND PLANTING

Standard: To HTA 'Handling and establishing landscape plants'.

CULTIVATION

Break up compacted topsoil to full depth. Loosen, aerate and break up soil into particles of 2-8 mm to a depth of 350 mm within a few days before planting and when suitably dry to leave a regular and even surface. Remove visible weeds, roots and large stones with any dimension exceeding 30 mm.

TIMES OF YEAR FOR PLANTING

Deciduous trees and shrubs, and bare root hedging from Late October to late March.

Container grown plants at any time if ground and weather conditions are favourable and suitable provision for watering will be made.

TREE PITS

75 mm deeper than root system and wide enough to accommodate roots when fully spread. Pit bottoms: With slightly raised centre. Break up to a depth of 200 mm. Scarify pit sides. Apply recommended amount of Empathy RHS Rootgrow Mycorrhizal Fungi to exposed roots. Lay perforated plastics irrigation/ ventilation pipe before backfilling. Backfill with planting mix.

STAKING TREES

1.8m long softwood, peeled chestnut, larch or oak, straight, free from projections and large knots and with pointed lower end preservative treated with Alkaline Copper Quaternary (ACQ). Position close to tree on windward side and drive vertically at least 300 mm into bottom of pit before planting. Consolidate material around stake. Two rubber ties per tree, top one 25 mm down from top of stake and lower tie approximately halfway down.

TREE SPATS

1m square or diameter biodegradable weed control mulch mats with minimum 2 year life retained around each tree trunk with four ground anchor pegs.

TREE PROTECTION

Fit transparent spiral polyethylene with ventilation holes 600mm high x 150mm diameter to base of each tree trunk.

SHRUB PLANTING

Excavate hole to correct size and remove the plant from the container. Dampen and apply recommended amount of Empathy RHS Rootgrow Mycorrhizal Fungi to exposed roots. Place in hole and backfill with planting mix. Lightly firm soil around plants and fork and/ or rake soil, without damaging roots, to a fine tilth with gentle cambers and no hollows. When the plant is in its final position in its hole or bed the top soil level of the plant root ball should be level with the finished surface of the soil surrounding the hole or bed.

FERTILISER

Place Osmocote Pro 12-14 Month prolonged release type fertiliser around the plants at the time of planting, at the rate recommended by the manufacturer

WATERING

Immediately after planting, water thoroughly and without damaging or displacing plants or soil. Lightly firm soil around plants and fork and/ or rake soil, without damaging roots, to a fine tilth with gentle cambers and no hollows.

MULCHING

Medium grade bark mulch free of pests, disease, fungus and weeds to depth of minimum 50mm. Finished level of mulch to be 25 mm below adjacent paved areas.

CLEANLINESS

Remove soil and arisings from hard surfaces and grassed areas and leave the works in a clean tidy condition at completion and after any maintenance visits.

MAINTENANCE

The maintenance period by the landscape contractor is 2 years.

Make regular maintenance visits to keep planted areas free of weeds, to check condition of tree stakes, ties and guards. Gently firm loosened soil around trees and shrubs. Straighten leaning trees. Remove dead, dying, diseased wood and suckers. Apply Osmocote Pro 12-14 Month slow release fertiliser in the spring in accordance with manufacturer's recommendations.

Water planted areas sufficiently to maintain and establish planting. Spray tree crowns when in leaf during hot weather at dusk.

Trees and shrubs that have failed to thrive are to be replaced with equivalent plants/ trees/ shrubs during the next suitable planting season.

FINAL MULCHING

At end of the maintenance period ensure that soil is thoroughly moistened prior to re-mulching, applying water where necessary and re-mulch all planted areas to a depth of 50mm.

MAINTENANCE INSTRUCTIONS

Before end of the maintenance period, submit printed instructions recommending procedures to be established by the Employer for maintenance of the planting work for one full year and provide details of any special procedures to be carried out.

HARD LANDSCAPING

VEHICLE CROSSING SPECIFICATION:

Surface Course:

6mm size Asphalt: Concrete dense surface
100/150 surface course to Clause 7.6 B549B7.7 to be laid and compacted to 30mm.

Base course:

Binder Course:- 10mm size Asphalt: Concrete close binded
100/150 binder course to Clause 6.1 B549B7.1 to be laid and compacted to 70mm.

Sub-base:

Cat A sub base to Clause B03, B06 or B16 to be laid and compacted to 150mm.

Kerbs:

Half battered kerb ref. HB1, 150 x 305 to both sides, top 100mm above finished surfacing

The crossing is to be laid with a slight fall away from the highway and into the site.

The construction of the culvert to the ditch below the crossing is to be agreed with the highway engineer

HARDSTANDING FOR PARKING AND TURNING

Hardstanding area to be permeable interlocking concrete block paving

PEDESTRIAN PAVING

Pedestrian paving adjacent to house to be laid to fall away from building and drain into soft landscaped areas



0 5 10M
scale in metres - original drawing size A1

NOTE:
Original survey carried out: July 2017
Southwest corner of site surveyed February 2021
Dashed lines indicating highway to east of site taken from OS mapping

revision date:	note:	drawing number	revision
Southpoint Sidelands 40 Ham Green Pitt Bristol BS20 0HA 01275 218053 mail@southpoint.co.uk www.southpoint.co.uk southpoint!	Land at Buckover Milbury Heath GL12 8QN New house Landscape strategy - proposed	281.PL55 scale 1:200 date 27/10/2023 status of drawing Planning Application only	This drawing © Southpoint 2023 <small>Responsibility is not accepted for errors made by others in scaling from this drawing. All construction information should be taken from figured dimensions only. All dimensions to be checked on site. Notify architect of any discrepancies.</small>