



#### PREPARATION OF SOFT LANDSCAPE AREAS

**NEW PLANTING AREAS**  
**SUBSOIL**  
The nature of the existing site may result in the need to import subsoil in places to ensure enough depth of rooting medium and adequate drainage. Overall soil depths (subsoil + topsoil) should not be less than the following:  
Planting areas: 800mm  
Lawn/seeded areas: 600mm  
Imported subsoil should comply with BS 8601: 2013.  
Formation levels should be broken up prior to placing of subsoil.  
Lay subsoil in layers of 200mm and consolidate with the back of an excavator bucket. Do not compact material or track over areas when wet.

**TOPSOIL**  
Prior to placing of topsoil ensure subsoil is thoroughly broken up to allow free drainage. Remove all rubble, concrete wastings, and other builder's debris to provide sufficient depths for topsoil placement. Cut back excessive haunching where it restricts topsoil depths. Excavate tree pits into subgrade prior to topsoiling to ensure sufficient depths of soil. Mark tree pit locations with timber stakes.

**TOPSOIL DEPTHS**  
Topsoil depths following consolidation shall be:  
Tree pits:  
Selected Standard, Heavy Standard & Extra Heavy Standard Trees  
800mm deep x a minimum of 1.2m diameter. Backfill tree pits to depth of 300mm with subsoil to BS 8601:2013 and back fill remainder with topsoil to BS 3882:2015.  
Feathered Whips:  
400mm deep x 600mm square  
Orchard Trees:  
600mm deep x 1000mm square  
Hedges:  
200mm deep  
Mown grass areas:  
200mm deep  
Alternatively, rotate 100mm topsoil into top 100mm subsoil.

**Wetland seeding:**  
200mm of friable subsoil to enable cultivation of a suitable tilth  
Alternatively, rotate 100mm topsoil into top 100mm subsoil.

**Finished levels of topsoil in planted areas - following consolidation - shall be 30mm below adjacent kerbs, top of planter walls and manholes - to allow for mulching. Topsoil levels shall be 150mm below building DPC level.**

#### TOPSOIL SPECIFICATION

Topsoil shall conform to BS 3882:2015 Multi-purpose category.

#### SOIL HANDLING

Soils shall be handled in the driest conditions reasonably possible. Topsoil shall not be moved, laid or worked during or after periods of heavy rain or when such work will damage the soil structure. Placed topsoil shall be protected from trafficking by vehicles and people. Any areas of topsoil that do become compacted shall be loosened by means of appropriate machinery or in small beds by hand forking.

#### PLANTS

Trees and plants are to conform to the relevant section of BS3936 and the National Plant Specification. No substitutes will be accepted without the consent of the Landscape Architect. All plants shall be true to size specified on the planting plan and schedule. All plants shall be healthy, bushy, pest & disease free and not pot-bound, dry, water logged, leggy or weak. A minimum of 5 breaks per shrub is required. Trees shall be vigorous, of good shape and with a well-branched head.

**PREPARATION**  
Cultivate the topsoil to its full depth during dry weather. Incorporate a soil ameliorant - such as well composted and sterilized manure into the soil in planting beds at a rate of 100 litres/m<sup>2</sup>. Apply a slow release fertilizer such as Enrimg to the manufacturers recommendations.

**CLIMATIC CONDITIONS:**  
Carry out the work while soil and weather conditions are suitable for the relevant operations. Do not plant during periods of frost or strong winds. Plant only during the following periods:  
• Deciduous trees and shrubs: Late October to late March  
• Conifers and evergreens: September/October or April/May  
• Herbaceous plants: September/October or March/April.  
• Container grown plants: At any time if ground and weather conditions are favourable. Ensure that adequate watering and weed control is provided.

**MACHINES AND TOOLS:**  
Use only machinery and tools suitable for the site conditions and the work to be carried out. Use hand tools around trees, plants and in confined spaces where it is impracticable to use machinery.

**BACKFILLING MATERIAL:**  
A previously prepared mixture of topsoil excavated from the pit and additional topsoil as required, together with: Peat-free tree and shrub planting compost Incorporated to the supplier's recommendations. Incorporate a mycorrhizal additive, such as Rootgrow or similar, to suppliers recommendations, in the backfill for all trees and hedge planting.

**TREE PITS:**  
Excavate with slightly raised centre. Retain topsoil for re-use where specified. In sloping ground, maintain horizontal bases and vertical sides with no less than minimum depth throughout. 800mm depth x minimum of 1200mm diameter. Break up bottoms of pits to a depth of 200mm and scarify sides.

**TREE PITS - FEATHERED WHIPS & ORCHARD TREES:**  
Excavate with slightly raised centre. Retain topsoil for re-use where specified. Pits to be 400mm deep x 600mm square.

**PIT PLANTING OF TRANSPLANTS & WHIPS IN WOODLAND PLANTING**  
Plant native species shrub and tree planting into pre-prepared pits 300mmx300mmx300mm or as large as needed to accept full spread of roots. Backfill to be a mix of topsoil from pit excavation combined with 30% tree & shrub planting compost. Incorporate a mycorrhizal additive, such as Rootgrow or similar, to suppliers recommendations in the backfill for all hedge planting. Protection to be as specified in the planting schedule.

#### PLANTING OF TRANSPLANTS & WHIPS IN HEDGES

Cultivate the topsoil to its full depth during dry weather along the whole length of proposed hedgeway to a width of 1.00 metre. Incorporate a soil ameliorant - such as well-composted bark into the soil at a rate of 100 litres/m<sup>2</sup>. Apply a slow release fertilizer such as Enrimg to the manufacturers recommendations. Incorporate a mycorrhizal additive, such as Rootgrow or similar, to suppliers recommendations in the backfill for all hedge planting. Protection to be as specified in the planting schedule.

**SHORT SINGLE STAKING**  
Staking for Standard and Selected Standard trees. Feathered trees and specimen shrubs. Position stakes vertically at least 300 mm into bottom of pit on either side of tree position before planting. Ensure pairs of stakes in groups of trees or avenues are all orientated the same. Consolidate material round stakes during backfilling. Cut stakes off just below lowest branch of tree. Firmly fix cross bar on windward side of tree and as close as possible to stem. Secure tree firmly but not rigidly to cross bar with a biodegradable tree tie such as Greenleaf's Nature tie. Multi-stemmed trees: Provide two or three separate stakes as required to stabilize tree.

**SHORT DOUBLE STAKING**  
Staking for trees 12-14cm and above. Drive stakes vertically at least 300 mm into bottom of pit on either side of tree position before planting. Ensure pairs of stakes in groups of trees or avenues are all orientated the same. Consolidate material round stakes during backfilling. Cut stakes off just below lowest branch of tree. Firmly fix cross bar on windward side of tree and as close as possible to stem. Secure tree firmly but not rigidly to cross bar with a biodegradable tree tie such as Greenleaf's Nature tie. Multi-stemmed trees: Provide two or three separate stakes as required to stabilize tree.

**TREES IN GRASSMEADOW**  
Fix 'Arboretum Standard' stammer-guards or similar approved to all specimen trees planted in grass areas. Provide and maintain a grass and weed free circle of 1.00m in diameter around all trees in grass. Mutch circle with 100mm depth of medium grade bark mulch.

**CONTAINER GROWN PLANTS:**  
Plants to be:  
• Supplied in a growing medium with adequate nutrients for the plant to thrive until permanently planted.  
• Centred in the container, firmed and well watered.  
• With root growth substantially filling the container, but not root bound, and in a condition conducive to successful transplanting.  
• Grown in the open for at least two months before being supplied.  
• Grown in containers with holes adequate for drainage when placed on any substrate commonly used under irrigation systems.

Plant shrubs and herbaceous plants in a proper horticultural manner, with each species evenly spaced over the designated areas. Avoid planting in straight lines unless a hedge is required. Plants to be planted in drifts with tallest plants placed at the back of the border.

**HEDGES:**  
Native shrubs for hedges: Bare-root, obtained from recognised nursery supplying UK raised stock. Plant shrubs in trenches of topsoil - 600mm deep and large enough to take full spread of roots. Set out plants evenly as scheduled. Protect with spiral brail guards and mulch with approved bark mulch.

#### CLIMBERS

Plant climbers slightly away from base of walls or railings but ensure stems are positioned against wall surfaces. Tie back to masonry nails if necessary.

**WATERING & MULCHING**  
Water soil thoroughly after planting but ensuring that it does not become waterlogged. Mulch all planted areas after watering with 75mm depth of medium grade, well weathered bark mulch. Provide sample of mulch for client approval prior to ordering. Ensure mulch is pulled back from the collars of plants that are susceptible to damp conditions and ensure no plants are buried.

**MAINTENANCE & DEFECTS LIABILITY PERIOD**  
To be agreed between the Employer and Contractor prior to commencement of works and in line with any relevant planning conditions.

**TURFING**  
**SETTING OUT:**  
The Contractor is to clearly mark boundaries of turfing areas and obtain approval before starting work.

**SOIL:** Soil for mown grass areas to be as per the specification - BS 3882:2015  
**TLTH:** Eradicate weed growth by means of a pre-planting, translocative herbicide applied to the manufacturers recommendations and to the 1997 Control of Pesticides Regulations and the 2002 COSHH Regulations. Apply during still weather, ensuring no drift onto finished planting or turf. Note the close proximity to watercourses and use appropriate herbicides. Lightly cultivate soil and reduce top 100mm of soil to a fine tilth (10mm particles and below). Achieve a smooth finish with no minor hollows, ridges or lumps.

**TURFING**  
Lay turf within 18 hours of delivery to site. Do not allow turf to dry out prior to laying. Do not lay in waterlogged, freezing or excessively hot conditions. Ideally lay turf in September. Alternatively lay in spring. Lay turf with broken joints, well buffed up and without stretching. Work from boards on previously laid turf. Adjust levels by raking out or infilling with fine soil. Ensure full contact between turf and substrate. Consolidate by lightly and evenly firming with wooden beaters as work progresses. Dress turf with dry fine soil and sand to infill any joints. Use whole turves at edges and cut edges against beds, kerbs etc to a true line. Thoroughly water turf immediately after laying by means of a fine sprinkler. Ensure water penetrates to the soil below. Ensure sufficient water is applied during establishment of the turf areas.

**SEEDING**  
**SETTING OUT:**  
The Contractor is to clearly mark boundaries of seeding areas and obtain approval before starting work.

**SOIL:** Soil for mown grass areas to be as per the specification - BS 3882:2015  
**SUBSOIL:** Soil for meadow seeded and wetland seeded areas to be 200mm of friable subsoil to enable cultivation of a suitable tilth. Alternatively, rotate 100mm topsoil into top 100mm subsoil.

**PREPARATION / TLTH FOR MEADOW / WETLAND AREAS:**  
Cultivate friable subsoil areas or alternatively cultivate to ensure thorough mixing of the 100mm topsoil with 100mm of subsoil below. Cultivate mixed soil and reduce top 75 mm of soil to a medium tilth (15mm particles and below). Achieve a smooth finish with no minor hollows, ridges or lumps. Carry out cultivation works in dry weather but when soil is moist enough to be workable.

**PREPARATION / TLTH FOR MOWN GRASS AREAS:**  
Eradicate weed growth by means of a pre-planting, translocative herbicide applied to the manufacturers recommendations and to the 1997 Control of Pesticides Regulations and the 2002 COSHH Regulations. Apply during still weather, ensuring no drift onto finished planting or turf. Note the close proximity to watercourses and use appropriate herbicides. Lightly cultivate soil and reduce top 100mm of soil to a fine tilth (10mm particles and below). Achieve a smooth finish with no minor hollows, ridges or lumps.

**SEEDING:**  
Sow seed and take first cuts to suppliers recommendations

**MAINTENANCE & DEFECTS LIABILITY PERIOD: GRASS/TURF**  
To be agreed between the Employer and Contractor prior to commencement of works and in line with relevant planning conditions.

#### TROWBRIDGE. PLANT LISTS - TREES, SHRUBS, CLIMBERS AND HERBACEOUS

| SPECIES    | SIZE                |
|------------|---------------------|
| A. cam     | 12-14cm CG          |
| A. cam S   | 12-14cm CG          |
| Al. glu    | Fthd 2.5-3.0 m high |
| Am. gr RH  | 10-12cm CG          |
| B. alb     | 10-12cm CG          |
| B. er. WC  | 10-12cm CG          |
| B. pen     | 10-12cm CG          |
| Car. b FF  | 12-14cm CG          |
| Cas. sat   | 12-14cm CG          |
| Fag. syl   | 12-14cm CG          |
| Li. sty LR | 14-16cm CG          |
| Pop. tre   | 10-12cm CG          |
| Pr. av     | 12-12cm CG          |
| Pr. h S    | 12-14cm CG          |
| Pr. pad W  | 12-14cm CG          |
| Pr. s Tib  | 10-12cm CG          |
| Pr. Snow   | 12-14cm CG          |
| Pr TB      | 12-14cm CG          |
| Pr. yed    | 14-16cm CG          |
| Py. cal R  | 12-14cm CG          |
| Q. rob     | 10-12cm CG          |
| Sal. fra   | 10-12cm CG          |
| Sor. auc   | Fthd 2.5-3.0m high  |
| S. com OF  | 12-14cm CG          |
| Til. cor G | 12-14cm CG          |

| SPECIES               | SIZE                              |
|-----------------------|-----------------------------------|
| Acer campestre        | 1+1 45-60 cm                      |
| Cornus sanguinea      | 1+1 45-60 cm                      |
| Corylus avellana      | 1+1 45-60 cm                      |
| Crataegus monogyna    | 1+1 45-60 cm                      |
| Ilex aquifolium       | 3 litre 30-45 cm                  |
| Ligustrum vulgare     | 1+1 45-60 cm                      |
| Rosa canina           | 1+1 60-90 cm                      |
| Lonicera periclymenum | 1 plant per 20 metre run of hedge |

Native hedge planting and any strengthening of existing hedges - planting as double staggered hedge 300mm between rows 400mm between plants or where gaps along existing hedge allows.

| SPECIES            | SIZE         |
|--------------------|--------------|
| Acer campestre     | 1+1 45-60 cm |
| Alnus glutinosa    | 1+1 45-60 cm |
| Betula pubescens   | 1+1 45-60 cm |
| Cornus sanguinea   | 1+1 45-60 cm |
| Corylus avellana   | 1+1 45-60 cm |
| Crataegus monogyna | 1+1 45-60 cm |
| Frangula alnus     | 1+1 45-60 cm |
| Quercus robur      | 1+1 45-60 cm |
| Rosa canina        | 1+1 60-90 cm |
| Salix cinerea      | 1+1 45-60 cm |

Pit plant at 1.00 metre centres. Protect tree species with tree shelters, and shrub species with shrub shelters. Mulch whole area with medium grade bark mulch - maximum wood content 5%. (Existing laurel shrubs to be removed).

| SPECIES    | SIZE                       |
|------------|----------------------------|
| Car. bet   | 1+1 Double staggered hedge |
| Ela. ebb C | 3 litre 4 plants/lin m     |
| Fag. syl   | 1+1 Double staggered hedge |
| Osm. x bur | 3 litre 4 plants/lin m     |
| Phot. RS   | 3 litre 3 plants/lin m     |

| SPECIES    | SIZE        |
|------------|-------------|
| Cle. m. R  | 3 Specimen  |
| Lon. p S   | 3 Specimen  |
| Par. hen   | 3 Specimen  |
| Par. tri V | 3 Specimen  |
| Vit. B     | 15 Specimen |
| Wis. flo   | 15 Specimen |

| SPECIES     | SIZE |
|-------------|------|
| Cor. a Aur  | 3 3  |
| Cor. s MF   | 3 4  |
| Cot p QC    | 3 4  |
| Ela. ebb C  | 10 3 |
| Euo. for DB | 2 5  |
| Lon. pil    | 3 5  |
| Phot. RR    | 3 3  |
| Ros. r Alb  | 4 3  |
| Ros. r Rub  | 4 3  |
| Sym c Han   | 3 4  |

#### INCIDENTAL SHRUB PLANTING TO PARKING COURTS & STREETS

| SPECIES     | SIZE |
|-------------|------|
| Cor. a Aur  | 3 3  |
| Cor. s MF   | 3 4  |
| Cot p QC    | 3 4  |
| Ela. ebb C  | 10 3 |
| Euo. for DB | 2 5  |
| Lon. pil    | 3 5  |
| Phot. RR    | 3 3  |
| Ros. r Alb  | 4 3  |
| Ros. r Rub  | 4 3  |
| Sym c Han   | 3 4  |

#### PLANTING TO PUBLIC OPEN SPACE AREAS

| SPECIES    | SIZE |
|------------|------|
| Ab. gra    | 3 4  |
| Cal KF     | 5 4  |
| Cor. a Aur | 3 2  |
| Cor. a Kes | 3 2  |
| Cor. a Sib | 3 2  |
| Cor. s MF  | 3 3  |
| Ela. ebb   | 3 3  |
| Lon. pil   | 3 5  |
| Lon. x pur | 3 3  |
| Phot. RR   | 3 3  |
| Ros. r Alb | 4 3  |
| Ros. r Rub | 4 3  |
| Sal. el a  | 3 2  |

#### APPLE TREES

Beauty of Bath x 2  
Bedwyn Beauty  
Chorister Boy  
Corsley Pippin  
Dredge's Fame  
Mary Barnet  
Roundway Magnum Bonum

Supply as half standards on MM106 rootstocks  
Protect with 900mm high wire netting enclosures  
securely fixed to three 75mm diameter round posts.  
Mulch 900mm diameter circles to the base of each tree.

| SPECIES     | SIZE        |
|-------------|-------------|
| Ab. gra     | 3 4         |
| Am. lam     | 15 Specimen |
| Au. J Roz   | 3 4         |
| Bu. d NP    | 3 3         |
| Cor. a Aur  | 3 3         |
| Cor. a Sib  | 3 3         |
| Cor. kel    | 5 6         |
| Cor. NH     | 15 Specimen |
| Cor. s MF   | 3 4         |
| Cyt. x bea  | 3 7         |
| Cyt. BR     | 3 4         |
| Cyt. GF     | 3 4         |
| Cyt. AG     | 3 4         |
| Cyt. War    | 3 4         |
| Ela. ebb C  | 3 4         |
| Euo. for DB | 2 5         |
| Euo. J GS   | 3 5         |
| Gen. x his  | 3 5         |
| Gen. lyd    | 3 5         |
| Gris. lit   | 3 4         |
| Heb. AG     | 3 4         |
| Heb. MW     | 3 4         |
| Heb. p P    | 3 6         |
| Heb. RE     | 3 4         |
| Hed. col D  | 3 5         |
| Hyd. MP     | 3 3         |
| Hyd. que    | 3 4         |
| Hyp. h      | 3 4         |
| Hyp. m Tri  | 3 5         |
| Jun. hor    | 3 4         |
| Jun. s Tam  | 3 3         |
| Ley. for    | 3 4         |
| Lon. n MG   | 3 7         |
| Lon. pur WB | 3 3         |
| Mah. bea    | 3 3         |
| Mah. eur SC | 10 4        |
| Mah. lom    | 10 3        |
| Mah. n Cab  | 10 3        |
| Mah. C      | 3 3         |
| Nan. d F    | 3 5         |
| Osm. x bur  | 10 Specimen |
| Pea. l Lud  | 3 3         |
| Phil. BE    | 3 4         |
| Phil. M DH  | 3 4         |
| Pit. GB     | 3 4         |
| Pit. TT     | 5 4         |
| Pru. Zab    | 3 3         |
| Ros. Blanc  | 6 3         |
| Ros. BB     | 6 3         |
| Ros. FCC    | 6 4         |
| Ros. FDH    | 4 4         |
| Ros. Noz    | 6 4         |
| Ros. NM     | 6 4         |
| Ros. r Alb  | 6 4         |
| Ros. r Rub  | 6 4         |
| Ros. Ros    | 6 4         |
| Ros. SC     | 6 4         |
| Rosm. off   | 7.5 4       |
| Sar. hum    | 3 7         |
| Sen. Sun    | 3 4         |
| Ski. KG     | 3 5         |
| Ski. Fra    | 3 5         |
| Sor. s Sem  | 3 5         |
| Spl. J G    | 3 4         |
| Vib. dav    | 3 5         |
| Vib. h Win  | 3 3         |
| Vib. p M    | 10 Specimen |

| SPECIES     | SIZE        |
|-------------|-------------|
| Ab. gra     | 3 4         |
| Am. lam     | 15 Specimen |
| Au. J Roz   | 3 4         |
| Bu. d NP    | 3 3         |
| Cor. a Aur  | 3 3         |
| Cor. a Sib  | 3 3         |
| Cor. kel    | 5 6         |
| Cor. NH     | 15 Specimen |
| Cor. s MF   | 3 4         |
| Cyt. x bea  | 3 7         |
| Cyt. BR     | 3 4         |
| Cyt. GF     | 3 4         |
| Cyt. AG     | 3 4         |
| Cyt. War    | 3 4         |
| Ela. ebb C  | 3 4         |
| Euo. for DB | 2 5         |
| Euo. J GS   | 3 5         |
| Gen. x his  | 3 5         |
| Gen. lyd    | 3 5         |
| Gris. lit   | 3 4         |
| Heb. AG     | 3 4         |
| Heb. MW     | 3 4         |
| Heb. p P    | 3 6         |
| Heb. RE     | 3 4         |
| Hed. col D  | 3 5         |
| Hyd. MP     | 3 3         |
| Hyd. que    | 3 4         |
| Hyp. h      | 3 4         |
| Hyp. m Tri  | 3 5         |
| Jun. hor    | 3 4         |
| Jun. s Tam  | 3 3         |
| Ley. for    | 3 4         |
| Lon. n MG   | 3 7         |
| Lon. pur WB | 3 3         |
| Mah. bea    | 3 3         |
| Mah. eur SC | 10 4        |
| Mah. lom    | 10 3        |
| Mah. n Cab  | 10 3        |
| Mah. C      | 3 3         |
| Nan. d F    | 3 5         |
| Osm. x bur  | 10 Specimen |
| Pea. l Lud  | 3 3         |
| Phil. BE    | 3 4         |
| Phil. M DH  | 3 4         |
| Pit. GB     | 3 4         |
| Pit. TT     | 5 4         |
| Pru. Zab    | 3 3         |
| Ros. Blanc  | 6 3         |
| Ros. BB     | 6 3         |
| Ros. FCC    | 6 4         |
| Ros. FDH    | 4 4         |
| Ros. Noz    | 6 4         |
| Ros. NM     | 6 4         |
| Ros. r Alb  | 6 4         |
| Ros. r Rub  | 6 4         |
| Ros. Ros    | 6 4         |
| Ros. SC     | 6 4         |
| Rosm. off   | 7.5 4       |
| Sar. hum    | 3 7         |
| Sen. Sun    | 3 4         |
| Ski. KG     | 3 5         |
| Ski. Fra    | 3 5         |
| Sor. s Sem  | 3 5         |
| Spl. J G    | 3 4         |
| Vib. dav    | 3 5         |
| Vib. h Win  | 3 3         |
| Vib. p M    | 10 Specimen |

| SPECIES    | SIZE |
|------------|------|
| Ab. gra    | 3 4  |
| Cal KF     | 5 4  |
| Cor. a Aur | 3 2  |
| Cor. a Kes | 3 2  |
| Cor. a Sib | 3 2  |
| Cor. s MF  | 3 3  |
| Ela. ebb   | 3 3  |
| Lon. pil   | 3 5  |
| Lon. x pur | 3 3  |
| Phot. RR   | 3 3  |
| Ros. r Alb | 4 3  |
| Ros. r Rub | 4 3  |
| Sal. el a  | 3 2  |

#### MEADOW MIXES

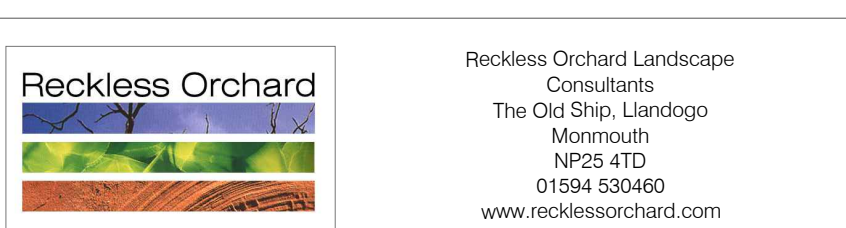
|                     |                                                           |
|---------------------|-----------------------------------------------------------|
| Meadow Seeding:     | Emorsgate Seeds EM2 - Standard General Purpose Meadow Mix |
| Mown Grass Seeding: | Emorsgate Seeds EL1 - Flowering Lawn Mix                  |
| Wetland seeding:    | Emorsgate Seeds EM8 - Meadow Mixture for Wetlands         |

#### LAWN

Rolawn Medallion, or similar approved.

| no. | revision | date | by | check |
|-----|----------|------|----|-------|
|     |          |      |    |       |

|           |                           |
|-----------|---------------------------|
| status    | PLANNING                  |
| project   | UPLANDS-TROWBRIDGE        |
| client    | HILLS-GROUP               |
| architect | IAN-SULLIVAN-ARCHITECTURE |
| engineer  | COLE-EASDON               |



| scale     | date     | drawn by | checked by |
|-----------|----------|----------|------------|
| 1:250 @A0 | 22.08.28 | LB       | -          |

396-26-PP005

Read in conjunction with  
Reckless Orchard's  
Soft Landscape Typologies  
drawing