

## TREE PLANTING

## HEDGE PLANTING NATIVE MIXED SPECIES

## HEDGE PLANTING SINGLE SPECIES

## ORNAMENTAL SHRUB PLANTING

ORNAMENTAL 25L  
SHRUB

CLIMBERS. SUPPLIED READY  
TRAINED ON FAN TRELLIS

TURF  
(CLOSE MOWN)

## DECORATIVE GRAVEL OVER WEED CONTROL MEMBRANE

| Tree | Abbreviation                           | Species | Height    | Girth   | Specification                               | Pot Size | Number of Plants |
|------|----------------------------------------|---------|-----------|---------|---------------------------------------------|----------|------------------|
| ACST | Acer campestre 'Street Wise'           |         | 425-600cm | 14-16cm | Extra heavy standard 30                     | C        | 27               |
| AJW  | Acer campestre 'William Caldwell'      |         | 450-600cm | 18-20cm | Extra Heavy Standard 30                     | C        | 24               |
| BCB  | Betula utilis jacquemontii             |         | 425-600cm | 14-16cm | Extra heavy standard 30                     | C        | 40               |
| CC   | N. Carpinus betulus                    |         | 425-600cm | 14-16cm | Extra heavy standard 30                     | C        | 21               |
| PAP  | Pinus exulm 'Pine'                     |         | 425-600cm | 14-16cm | Extra heavy standard 30                     | C        | 21               |
| PCC  | Pinus catteriana 'Chanticleer'         |         | 425-600cm | 14-16cm | Extra heavy standard 30                     | C        | 33               |
| PRUS | Pinus 'Sunset Boulevard'               |         | 425-600cm | 14-16cm | Extra heavy standard 30                     | C        | 16               |
| SAB  | Sorbus aucuparia                       |         | 425-600cm | 14-16cm | Extra heavy standard 30                     | C        | 16               |
| SOR  | Sorbus aucuparia 'Sheenwater Seedling' |         | 425-600cm | 14-16cm | Extra heavy standard 30                     | C        | 16               |
| SOR  | N. Sorbus aria                         |         | 425-600cm | 14-16cm | Extra heavy standard 30                     | C        | 14               |
| TIL  | Tilia cordata 'Greenspire'             |         | 450-550cm | 18-20cm | Clear Stem min. 200 Extra Heavy Standard 30 | C        | 80               |

Total 319 -

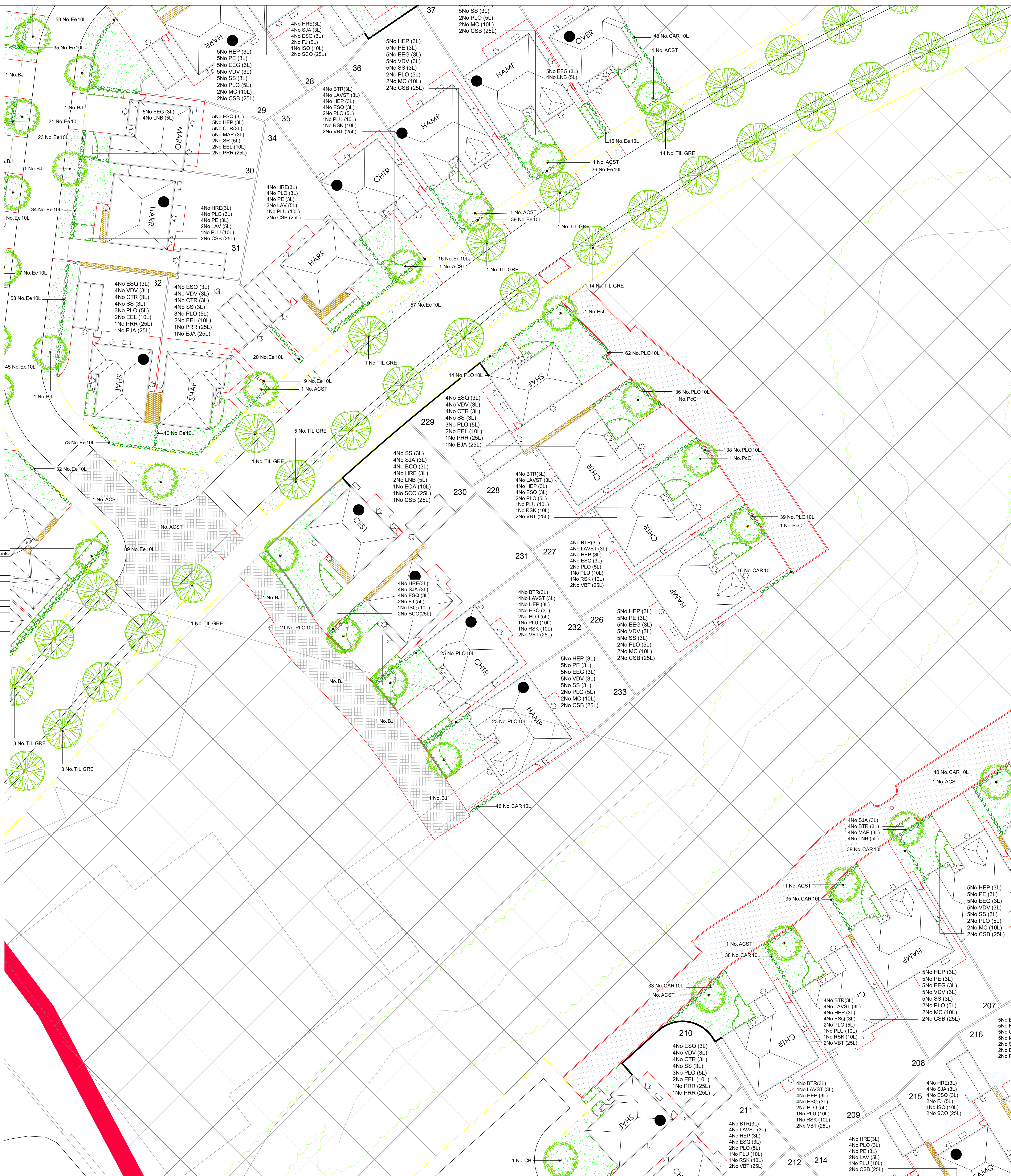
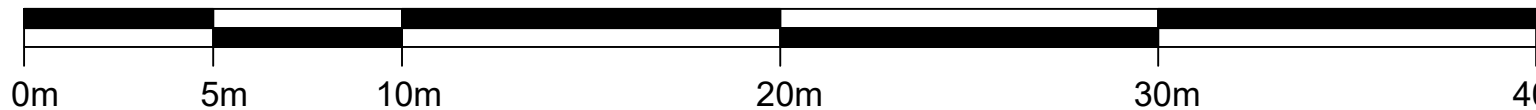
| Hedges             |                                          |                      |         |          |         |                  |
|--------------------|------------------------------------------|----------------------|---------|----------|---------|------------------|
| Abbreviation       | Species                                  | Specification        | Height  | Pot Size | Density | Number of Plants |
| BUX                | <i>Buxus sempervirens</i> 'Suffruticosa' | Single row           | 20-30cm | 8L       | 8/m     | 1430             |
| CAR                | <i>Carinus betulus</i>                   | Double staggered row | 60-80cm | 10L      | 3/m     | 164              |
| Elaeagnus ebbingei |                                          | Single row           | 60-80cm | 10L      | 3/m     | 1325             |
| LoA                | <i>Ligustrum ovalifolium</i> 'Aureum'    | Single row           | 60-80cm | 10L      | 3/m     | 281              |
| PI                 | <i>Prunus laurocerasus</i>               | Single row           | 60-80cm | 10L      | 3/m     | 1590             |
| PLO                | <i>Prunus laurocerasus</i> 'Otto Luyken' | Single row           | 40-60cm | 10L      | 3/m     | 405              |

Total :8195 -

| Native Hedge Mix - Double Staggered row |                                    |                |         |          |                  |                          |        |             |
|-----------------------------------------|------------------------------------|----------------|---------|----------|------------------|--------------------------|--------|-------------|
| Abbreviation                            | Species                            | Specification  | Height  | Pot Size | Density          | Mix Species Contribution | Number |             |
| CORAV                                   | <i>n</i> <i>Corylus avellana</i>   | Transplant 1+1 | 60-80cm | B        | 6/m <sup>2</sup> | 20%                      | 32     | -           |
| CRAMON                                  | <i>n</i> <i>Crataegus monogyna</i> | Transplant 1+1 | 60-80cm | B        | 6/m <sup>2</sup> | 20%                      | 48     | -           |
| ILEA                                    | <i>n</i> <i>Ilex aquifolium</i>    | Container      | 60-80cm | SLP      | 6/m <sup>2</sup> | 10%                      | 16     | -           |
| PRUS                                    | <i>n</i> <i>Prunella spinosa</i>   | Transplant 1+1 | 60-80cm | B        | 6/m <sup>2</sup> | 20%                      | 32     | -           |
| ROSAR                                   | <i>n</i> <i>Rosa arvensis</i>      | Transplant 1+1 | 60-80cm | B        | 6/m <sup>2</sup> | 10%                      | 16     | -           |
| ROSCA                                   | <i>n</i> <i>Rosa canina</i>        | Transplant 1+1 | 60-80cm | B        | 6/m <sup>2</sup> | 10%                      | 16     | -           |
|                                         |                                    |                |         |          |                  | Total                    | 100%   | Total 160 - |

| Climbers - ready trained on fan trellis |                                             |                        |   |   |       |    |
|-----------------------------------------|---------------------------------------------|------------------------|---|---|-------|----|
| HEDCO                                   | <i>Hedera coccinea</i>                      | Persian ivy            | - | - | 50-60 | 5L |
| HL                                      | <i>Hedera helix</i>                         | Hydrangea              | - | - | 50-60 | 5L |
| <b>SHRUBS</b>                           |                                             |                        |   |   |       |    |
| CSB                                     | <i>Cornus alba 'Sibirica'</i>               | Dogwood                | - | - | 25L   | 1  |
| EJA                                     | <i>Eunymium japonicus 'Oxatus Aurea'</i>    | New Zealand Flax       | - | - | 25L   | 1  |
| PRB                                     | <i>Prunum Bronze Baby</i>                   | Cherry laurel          | - | - | 25L   | 1  |
| PV                                      | <i>Philumum terns 'Variegata'</i>           | Swedish berry          | - | - | 25L   | 1  |
| PR                                      | <i>Prunella x ruscifolia 'Red Robin'</i>    | Cherry laurel          | - | - | 25L   | 1  |
| SCC                                     | <i>Sorbus aucuparia</i>                     | Sweet box              | - | - | 25L   | 1  |
| VB                                      | <i>Viburnum tinus</i>                       | Laurustinus            | - | - | 25L   | 1  |
| AV                                      | <i>Aucuba japonica 'Variegata'</i>          | Japanese laurel        | - | - | 50-60 | 10 |
| EBL                                     | <i>Euaspidos ebbotii 'Limegold'</i>         | Euonymus alaternus     | - | - | 50-60 | 10 |
| EQ                                      | <i>Eunymium japonicus 'Oxatus Aurea'</i>    | Hydrangea              | - | - | 50-60 | 10 |
| ISO                                     | <i>Ilex scutellaria 'Silver Queen'</i>      | Silky                  | - | - | 50-60 | 10 |
| MA                                      | <i>Mahonia</i>                              | Cherry laurel          | - | - | 50-60 | 10 |
| PF                                      | <i>Persea 'Forest Flame'</i>                | Persea                 | - | - | 50-60 | 10 |
| PL                                      | <i>Pinus lusitanica</i>                     | Portuguese laurel      | - | - | 50-60 | 10 |
| RSK                                     | <i>Ribes sanguineum 'King Edward VII'</i>   | Black currant          | - | - | 50-60 | 10 |
| FJ                                      | <i>Fatsia japonica</i>                      | Japanese aralia        | - | - | 40-60 | 5L |
| LAV                                     | <i>Lavandula angustifolia 'Vera'</i>        | Lavender               | - | - | 40-60 | 5L |
| LN                                      | <i>Lonicera nidica 'Baptista Gouda'</i>     | Honeysuckle            | - | - | 40-60 | 5L |
| PE                                      | <i>Potentilla Elizabeth</i>                 | Strawberry tree        | - | - | 40-60 | 5L |
| PL                                      | <i>Pinus lusitanica</i>                     | Cherry laurel          | - | - | 40-60 | 5L |
| SR                                      | <i>Sorbus japonica 'Rubra'</i>              | Skimmia                | - | - | 40-60 | 5L |
| STR                                     | <i>Strawberry tree</i>                      | Strawberry tree        | - | - | 40-60 | 5L |
| BCO                                     | <i>Begonia cordifolia</i>                   | Heart-leaf bergenia    | - | - | 30-40 | 5L |
| CTR                                     | <i>Ceanothus thyrsiflorus repens</i>        | Creeching blue blossom | - | - | 30-40 | 5L |
| REG                                     | <i>Eunymium fortunei 'Emerald and Gold'</i> | Sundra                 | - | - | 30-40 | 5L |
| ESQ                                     | <i>Eunymium fortunei 'Silver Queen'</i>     | Silky                  | - | - | 30-40 | 5L |
| HR                                      | <i>Hebe salicifolia 'Red Edge'</i>          | Hebe                   | - | - | 30-40 | 5L |
| HEP                                     | <i>Hebe pinnatifida 'Paege'</i>             | Hebe                   | - | - | 30-40 | 5L |
| HEH                                     | <i>Hedera helix</i>                         | Ivy                    | - | - | 30-40 | 5L |
| LAVST                                   | <i>Lavandula stoechas</i>                   | Lavandula stoechas     | - | - | 30-40 | 5L |
| MA                                      | <i>Mahonia scutellaria 'Apolo'</i>          | Cherry laurel          | - | - | 30-40 | 5L |
| SS                                      | <i>Senecio 'Sunshine'</i>                   | Brachyotus             | - | - | 30-40 | 5L |
| SJA                                     | <i>Sorbus japonica 'Anthony Waterer'</i>    | Japanese spirea        | - | - | 30-40 | 5L |
| VD                                      | <i>Viburnum</i>                             | Viburnum               | - | - | 30-40 | 5L |

:Plants for pollinators (RHS) n: Native EHS: Extra heavy standard X: Times transplanted C: Container grown

[illegible][illegible]

## **SOIL PREPARATION AND MAINTENANCE**

### **Seed Sowing and Cultivation**

The seedlings will be supplied by the Landscape Architect before cultivation and seeding. At least one seedling shall be cultivated to 100mm depth and all weeds, shrubs, and refuse larger than four centimeters shall be removed to top. Cultivated soil shall be raked and tamped to produce a 98% dense surface. Allow for hand cultivation where machine work is not possible. Seed sowing shall be done according to the following preparation of the seed bed.

#### **Seeding**

Sowing shall be carried out during summer months. All sowing at the contractor's own risk and any areas where germination fails shall be re-seeded at the contractor's own expense. All seedlings must be carried out in the same sequence and direction and the seed shall be sown at the rate specified in the schedule. Sowing shall be at the rate of 50 grammes per square meter, and over-sowing shall be at the rate of 20 grammes per square meter.

#### **Soil Mix**

The seed mix shall be A27 mix, obtainable from Geimveld Seeds SA.

#### **Grass seed mix**

The seed mix shall be composed of pure, viable and uniform grass seeds as specified in S.A 4248 : 1969. Certificates of purchase shall be provided for all deliveries prior to the sowing of grass seeds. The seed mix shall contain medium, purity and germination percentages.

#### **Airlock**

All vehicles or equipment of the above types may only be used if approved by the landscape architect.

### **Protection of Newly Seeded Areas**

All reasonable precautions shall be taken to ensure that pedestrians and other traffic does not cross the grass areas during cultivation, seeding or until grass is established. Where obvious erosion is occurring, the contractor shall install and/or improve temporary furrows so as to minimize the maintenance period and until such time as it is longer necessary, or as directed.

#### **First Cut**

When the grass is 100mm high, it shall be cut down to 50mm or less to avoid root pulling. If the grass has been allowed to grow longer than 100mm then the contractor shall be relieved of all liability after the first cut.

#### **Second Cut**

When the grass is 50mm high a second cut shall be carried out using a roller mower. No more than one third of the foliage must be removed.

#### **Subsequent Cuts**

If the grass grows to 100mm high, it shall be cut down to 50mm with a flat 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 all as shown.

### **Disease & Pest Control**

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 or damage. Any treatment of materials exceeding these areas which is specifically outlined and measured in the contract.

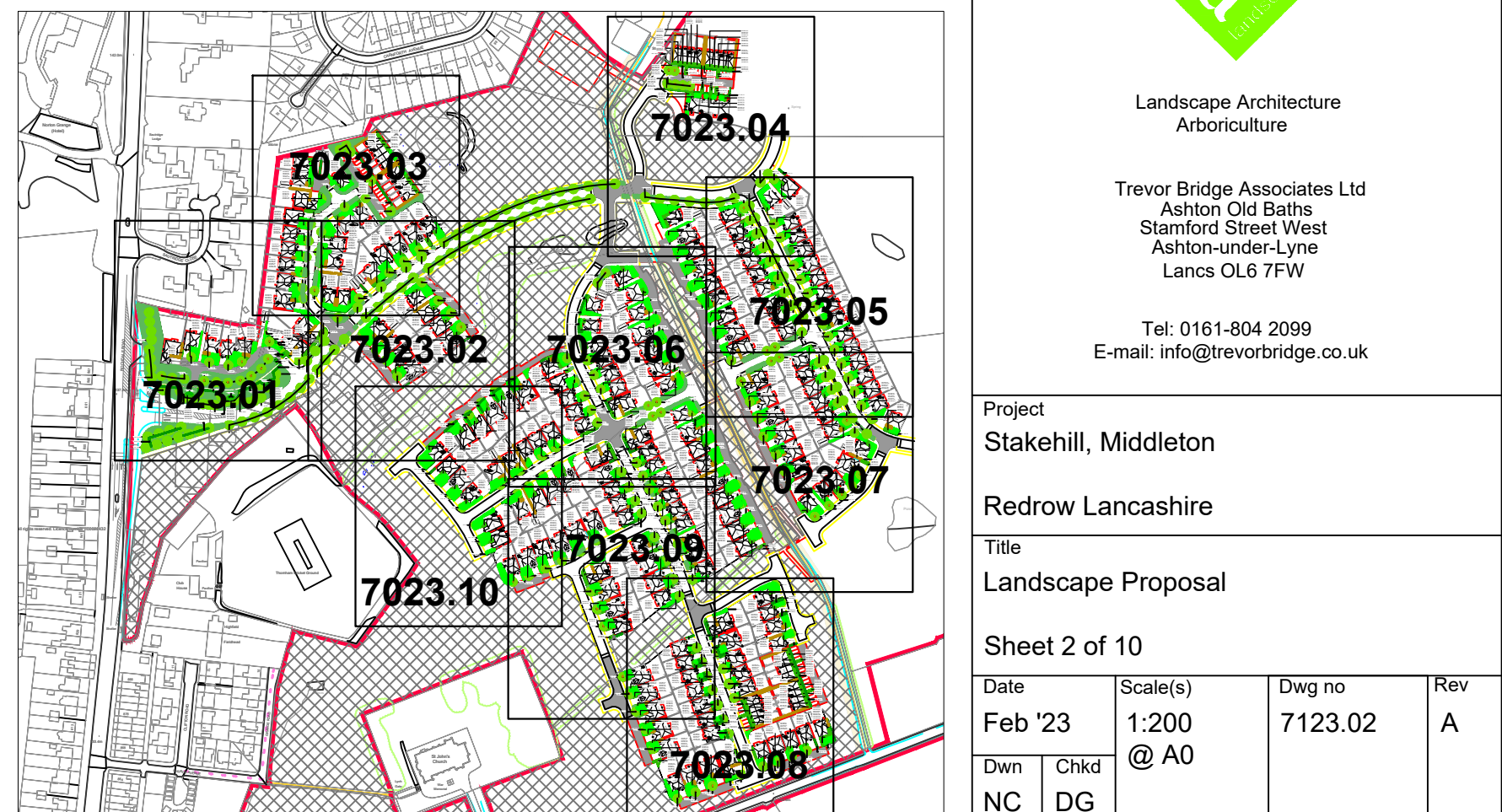
Any areas, which in the opinion of the Landscape Architect, are contaminated during the course of these works, shall be located with a ripple or other suitable implement to ensure adequate drainage through the soil sub.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                          |                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------------------|
| <b>MAINTENANCE</b><br>All maintenance to be carried out up to handover to the adjoining authority/householder from the date of planting or laying to ensure successful establishment. All dead, diseased, damaged plants must be replaced during this time unless the Local Planning Authority, in writing, agrees variation to this.                                                                                                                                                                | <b>Addition of trees to grass verges</b> | <b>20.03.23</b> NC A |
| <b>Weeding</b><br>All beds to be kept weed free by hand weeding. Beds to be forked over as necessary to keep soil loose to encourage combers with no removals.                                                                                                                                                                                                                                                                                                                                       | © Copyright reserved                     | Date Draw Rev        |
| <b>Pruning</b><br>All beds to be kept free from dead, dying or diseased wood and suckers to promote healthy growth and natural shape.                                                                                                                                                                                                                                                                                                                                                                |                                          |                      |
| <b>Watering</b><br>The Contractor shall ensure that sufficient water is applied to maintain healthy growth.                                                                                                                                                                                                                                                                                                                                                                                          |                                          |                      |
| <b>Litter</b><br>All beds to be kept free of litter.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                          |                      |
| <b>Grass cutting</b><br>The initial cut shall be carried out when first growth is apparent, blades less than 20mm above ground. The Contractor shall continue cutting at appropriate intervals during the growing season and maintain edges high near road cut grass areas are handled over. Weeding, watering, cutting, repair of all erosion and settlement and re-seeding as necessary to establish a complete and healthy stand of grass shall continue and handover to the adjoining authority. |                                          |                      |

Landscape Architecture  
Ashdon

Trevor Bridge Associates Ltd  
Ashton Old Barrack  
Sawford Street West  
Ashdon-under-Lyne  
Lancs OL5 9TW

Tel: 0161.804 2099  
E-mail: [info@trevorbridge.co.uk](mailto:info@trevorbridge.co.uk)



|                                   |          |       |     |
|-----------------------------------|----------|-------|-----|
| Addition of trees to grass verges | 20.03.23 | NC    | A   |
| © Copyright reserved              | Date     | Drawn | Rev |

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Landscape Architecture

Trevor Bridge Associates Ltd

Ashton Old Baths  
Stamford Street West  
Ashton-under-Lyne  
Lancs OL6 7FW

Tel: 0161-804 2099  
E-mail: [info@trevorbridge.co.uk](mailto:info@trevorbridge.co.uk)

|         |                      |
|---------|----------------------|
| Project | Stakehill, Middleton |
|---------|----------------------|

Redrow Lancashire

|       |                    |
|-------|--------------------|
| Title | Landscape Proposal |
|-------|--------------------|

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