

# STEPHENSON STREET PLANT SCHEDULE

|   |                           |
|---|---------------------------|
| Client: Natural Resources Wales           | Date: 30/06/2021          |
| Project: Stephenson Street                | Created by: AF/JD         |
| Location: Newport                         | Approved by: BO           |
| Drawing ref.: 274580-ARP-XX-XX-DR-CX-8000 |                           |
| Revision: 103                             | Suitability: FOR PLANNING |

ARUP

| Abbrev.                              | Name                     | Girth/Dia. cm | Height cm | Root Zone | Specification   | No.       |
|--------------------------------------|--------------------------|---------------|-----------|-----------|---|-----------|
| <b>T1 - Specimen Deciduous Trees</b> |                          |               |           |           |   |           |
| AlNL                                 | Alnus incana 'Laciniata' | 10-12         |           | RB        | 2x; Selected Standard; clear stem 175-200cm; 4 breaks | 12        |
| Bp                                   | Betula pendula           | 10-12         |           | RB        | 2x; Selected Standard; clear stem 175-200cm; 4 breaks | 11        |
| Qp                                   | Quercus palustris        | 10-12         |           | RB        | 2x; Selected Standard; clear stem 175-200cm; 4 breaks | 12        |
| Pxc                                  | Populus tremula          | 10-12         |           | RB        | 2x; Selected Standard; clear stem 175-200cm; 4 breaks | 11        |
| <b>Sub-totals</b>                    |                          |               |           |           |   | <b>46</b> |

|  |                             |        |  |                 |  |           |
|--|-----------------------------|--------|--|-----------------|--|-----------|
| <b>T2 - Specimen Feature Conifer Trees</b> |                             |        |  |                 |  |           |
| PSP  | Pinus sylvestris Scots Pine | 35-45L |  | Container Grown | 1150-175 Leader with laterals, feathered to base | 10        |
| <b>Sub-totals</b>                          |                             |        |  |                 |  | <b>10</b> |

|                                     |                       |       |  |    |   |           |
|-------------------------------------|-----------------------|-------|--|----|---|-----------|
| <b>T3 - Feature Feathered Trees</b> |                       |       |  |    |   |           |
| Al                                  | Amelanchier lamarckii | 10-12 |  | RB | 2x; Selected Standard; clear stem 175-200cm; 5 breaks | 13        |
| Bp-f                                | Betula jacquemontii   | 10-12 |  | RB | 2x; Selected Standard; clear stem 175-200cm; 5 breaks | 9         |
| Ag                                  | Acer griseum          | 10-12 |  | RB | 2x; Selected Standard; clear stem 175-200cm; 5 breaks | 6         |
| <b>Sub-totals</b>                   |                       |       |  |    |   | <b>28</b> |

**Grand Totals 84**

|  |                               |  |  |     |            |  |
|--|-------------------------------|--|--|-----|------------|--|
| <b>P1 - Perennials, wildflowers and bulbs planting mix</b> |                               |  |  |     |            |  |
| Asf  | Allium atropurpureum          |  |  |     | Grade 10/+ |  |
| Ac   | Allium caeruleum              |  |  |     | Grade 10/+ |  |
| Rf   | Rudbeckia fulgida             |  |  | 9cm | Full pot   |  |
| Pbs  | Persicaria bistorta 'Superba' |  |  | 9cm | Full pot   |  |
| Lsp  | Liatris spicata 'Alba'        |  |  | 9cm | Full pot   |  |
| Cla  | Camassia leichlinii 'Alba'    |  |  | 9cm | Full pot   |  |
| Np   | Narcissus pseudonarcissus     |  |  |     | Grade 10/+ |  |
| Vr   | Verbena rigida                |  |  | 9cm | Full pot   |  |

|  |  |  |  |     |            |  |
|--|--|--|--|-----|------------|--|
| <b>O1 - Ornamental shrubs and grasses planting mix</b> |  |  |  |     |            |  |
| Ac   | Allium caeruleum                           |  |  |     | Grade 10/+ |  |
| Cs   | Carex secta                                |  |  | 9cm | Full pot   |  |
| Cb   | Carex buchananii                           |  |  | 9cm | Full pot   |  |
| Cla  | Camassia leichlinii 'Alba'                 |  |  | 9cm | Full pot   |  |
| Pbs  | Persicaria bistorta 'Superba'              |  |  | 9cm | Full pot   |  |
| Ca   | Calamagrostis x acutiflora 'Karl Foerster' |  |  | 9cm | Full pot   |  |
| Msi  | Miscanthus sinensis                        |  |  | 9cm | Full pot   |  |
| Ef   | Euonymus fortunei 'Emerald 'n' Gold'       |  |  | 9cm | Full pot   |  |
| Lnv  | Luzula nivea                               |  |  | 9cm | Full pot   |  |
| Lfo  | Libertia formosa                           |  |  | 9cm | Full pot   |  |
| Sch  | Santolina chamaecyparissus                 |  |  | 9cm | Full pot   |  |
| St   | Stipa tenuifolia                           |  |  | 9cm | Full pot   |  |
| Vat  | Veronica austriaca teucrium 'Royal Blue'   |  |  | 9cm | Full pot   |  |

|  |                 |         |         |   |                     |  |
|--|-----------------|---------|---------|---|---------------------|--|
| <b>U1 - Urban forest/native woodland planting with understorey mix</b> |                 |         |         |   |                     |  |
| Native woodland mix planted in groups of 10 at 1m centres              |                 |         |         |   |                     |  |
| Fs   | Sorbus aria     | 10 - 12 | 150-175 | B | 2+2; Feathered whip |  |
| Ac   | Acer campestre  | 10 - 12 | 150-175 | B | 2+2; Feathered whip |  |
| Ag   | Alnus glutinosa | 10 - 12 | 150-175 | B | 2+2; Feathered whip |  |
| Qr   | Quercus robur   | 10 - 12 | 150-175 | B | 2+2; Feathered whip |  |

|   |                       |         |         |   |                              |  |
|---|-----------------------|---------|---------|---|------------------------------|--|
| Understorey mix Planted in groups at 1m centres |                       |         |         |   |                              |  |
| Ca  | Corylus avellana      | 08 - 10 | 125-150 | B | 1+2; Transplant- seed raised |  |
| Cm  | Crataegus monogyna    | 08 - 10 | 125-150 | B | 1+2; Transplant- seed raised |  |
| Sc  | Salix caprea          | 08 - 10 | 125-150 | B | 1+2; Transplant- seed raised |  |
| Lp  | Lonicera periclymenum | 08 - 10 | 100-125 | B | 1+2; Transplant- seed raised |  |
| Sc  | Sambucus nigra        | 08 - 10 | 100-125 | B | 1+2; Transplant- seed raised |  |
| Ia  | Ilex aquifolium       | 08 - 10 | 100-125 | B | 1+2; Transplant- seed raised |  |

|  |   |  |  |          |                               |   |
|--|---|--|--|----------|-------------------------------|---|
| <b>S1 - Species rich grass seeding mix for SSSI enhancement and conservation</b> |   |  |  |          |                               |   |
| RE3  | River Floodplain / Water Meadow (MG8 Grassland) |  |  | Seed Mix | Sowing rate 5g/m <sup>2</sup> | <a href="https://kernalamenity.com/re3-river-floodplain-water-meadow-mg8-grassland">https://kernalamenity.com/re3-river-floodplain-water-meadow-mg8-grassland</a> |
| SSSI enhancement and conservation mix (if local seed population available)       | Lepidium latifolium                             |  |  | Seed Mix | Sowing rate 1g/m <sup>2</sup> | Local collection of seeds from Newport and Gwent Levels areas.  |
|  | Althaea officinalis                             |  |  |          |                               |   |
|  | Lathyrus sylvestris                             |  |  |          |                               |   |

|   |   |  |  |          |                               |   |
|---|---|--|--|----------|-------------------------------|---|
| <b>S2 - Grassland with biodiverse wildflower planting mix</b> |   |  |  |          |                               |   |
| EM2   | Standard general purpose meadow mixture |  |  | Seed Mix | Sowing rate 4g/m <sup>2</sup> | <a href="https://wildseed.co.uk/mixtures/view/3">https://wildseed.co.uk/mixtures/view/3</a> |
| Av  | Anthriscus vulneraria                   |  |  | Seed Mix | Sowing rate 1g/m <sup>2</sup> |   |

|                                  |                             |  |  |          |                               |   |
|----------------------------------|-----------------------------|--|--|----------|-------------------------------|---|
| <b>S3 - Reedbed planting mix</b> |                             |  |  |          |                               |   |
| EM8                              | Meadow mixture for wetlands |  |  | Seed Mix | Sowing rate 4g/m <sup>2</sup> | <a href="https://wildseed.co.uk/mixtures/view/9/meadow-mixture-for-wetlands">https://wildseed.co.uk/mixtures/view/9/meadow-mixture-for-wetlands</a> |
| Hst                              | Hemerocallis 'Stafford'     |  |  |          | 9cm                           | Full pot  |
| Ip                               | Iris pseudacorus            |  |  |          | 9cm                           | Full pot  |
| Je                               | Juncus effusus              |  |  |          | 9cm                           | Full pot  |
| Pa                               | Phragmites australis        |  |  |          | 9cm                           | Full pot  |