

# GLYNNEATH DEVELOPMENT

## PLANTING PLAN



### NOTES

All trees to be pit planted with double stakes and fixed with rubber or nylon tube tie. Stakes to be 2m and driven into bottom of pit. Final height of stakes to be one third of clear stem height.

Tree planting areas: 300mm minimum depth in the area to be planted. Before any topsoil is spread an area of 4m2 (2x2m) around each tree station is to be excavated 200mm into the underlying material and all arisings taken from the site. This is to be checked and accepted by the client's Clerk of Works before any top soil is placed. Topsoil to be spread and leveled to a minimum of 300mm without compaction.

Tree pits are to be dug 200mm deeper than would be required for the hole to accommodate the root ball, and 400mm wider than the diameter of the rootball. The base of the excavation is to be broken up to relieve compaction. The topsoil is to be placed around the rootball and firmed so that the finished surface is level with the soil mark on the stem.

Following tree planting bark mulch is to be spread over the full extent of the tree circle to depth of 50mm.

| Tree Planting Schedule  |                         |           |   |   |   |   |   |   |   |   |   |       |  |
|-------------------------|-------------------------|-----------|---|---|---|---|---|---|---|---|---|-------|--|
| Tree reference number   |                         |           |   |   |   |   |   |   |   |   |   |       |  |
| Species                 | Size                    | Form      | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | TOTAL |  |
| Sorbus aucuparia        | 12-14cm girth, Standard | Root Ball | 1 |   |   |   |   |   |   |   |   | 1     |  |
| Acer rubrum 'Armstrong' | 12-14cm girth, Standard | Root Ball |   | 1 |   |   |   |   | 1 |   |   | 1     |  |
| Betula pendula          | 12-14cm girth, Standard | Root Ball |   | 1 | 1 | 1 | 1 | 1 |   | 1 | 1 | 7     |  |

### KEY

- Paved seating area
- Shrubs
- Grass turf
- W1 Wildflower meadow - mix: Emorsgate mix EM1 perennial wildflower seed mix - sowing rate 4g/m<sup>2</sup> and nurse crop of Cornfield Annuals at a rate of 2/gm<sup>2</sup> Area 350m2
- W2 Wildflower meadow - mix: Emorsgate mix EM1 wildflower seed mix - sowing rate 4g/m<sup>2</sup> Area 850m2
- 2 Proposed trees
- Existing trees

### Wildflower areas:

100mm minimum depth of low fertility topsoil. The area to be completely cleared of all building waste, spilt mortar, broken bricks and wood and packaging. This is to be checked and accepted by the client's Clerk of Works before any topsoil is placed. Surface ground compaction to be relieved before any soil is spread. Topsoil to be spread and leveled without compaction.

Grass turf is to be laid to the edge of paths or to kerbs. Where trees and shrubs are to be planted without a hard edge, the turf is to be laid to within 500mm of the stem so that a neat circle remains grass free and weed free around each tree. In the case of shrub planting plots G, N and O the turf is to be laid to the edge shown in the drawing.

### Wildflower meadow establishment:

#### Year 1

Mow newly sown meadows (**W2 only**) regularly throughout the first year of establishment to a height of 40-60mm, removing cuttings if dense. This will control annual weeds and help maintain balance between faster growing grasses and slower developing wild flowers.

Avoid cutting **W1** in the spring and early summer with the mixture that has been sown with the nurse crop of cornfield annuals. The sown annuals are to be allowed to flower, then in mid-summer cut back and the cut vegetation removed. Cut back cornfield annuals before they die back, set seed or collapse. Dig out any residual perennial weeds such as docks

#### Following Years

(**W1 and W2**) Meadow grassland is not cut from spring through to late July/August to give the sown species an opportunity to flower.

After flowering in July or August cut back with, petrol strimmer or tractor mower to c 50mm. Leave the 'hay' to dry and shed seed for 1-7 days then remove from site.

Mow the re-growth through to late autumn/winter to c 50mm and again in spring if needed.

| Shrub Planting Schedule                  |          |                    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |       |
|------------------------------------------|----------|--------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-------|
| Species                                  | Pot size | No./m <sup>2</sup> | A  | B  | C  | D  | E  | F  | G  | H  | I  | J  | K  | L  | M  | N  | O   | TOTAL |
| Rubus tricolor                           | 9cm      | 4                  |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 36  | 36    |
| Viburnum plicatum tomentosum Kilimanjaro | 3L       | 2                  |    |    |    |    |    |    |    |    |    |    |    |    | 24 | 24 |     | 48    |
| Salvia officionalis 'Purpurescens'       | 3L       | 3                  |    |    | 9  |    |    |    |    |    |    |    |    |    |    |    |     | 9     |
| Rosmarinus officionalis 'Prostratus'     | 3L       | 2                  |    |    | 6  |    | 6  |    |    |    |    |    |    |    |    |    |     | 12    |
| Ribes alpinum                            | 2L       | 2                  |    |    |    |    |    |    |    |    |    |    |    |    | 18 | 18 |     | 36    |
| Potentilla 'Vilmoriniana'                | 3L       | 3                  |    |    | 6  | 6  |    |    |    |    |    |    |    |    |    |    |     | 12    |
| Pittosporum tenuifolium 'Tom Thumb'      | 3L       | 2                  | 4  | 4  |    |    |    |    |    |    | 4  | 4  | 4  | 4  |    |    |     | 24    |
| Mahonia x media 'Winter Sun'             | 3L       | 2                  |    |    |    |    |    |    |    |    |    |    |    |    | 22 | 24 |     | 46    |
| Lavendula angustifolia                   | 1.5L     | 4                  |    |    | 16 | 12 | 8  | 8  | 8  | 12 |    |    |    |    |    |    |     | 64    |
| Hypericum calycinum                      | 2L       | 8                  |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 48  | 48    |
| Hebe brachysiphon 'White Gem'            | 4L       | 3                  | 6  | 6  | 6  | 6  |    |    |    |    | 6  | 6  | 6  | 6  |    |    |     | 48    |
| Genista lydia                            | 3L       | 2                  |    |    |    | 4  |    | 6  | 6  | 6  |    |    |    |    |    |    |     | 22    |
| Euonymous fortune 'Silver Queen'         | 3L       | 3                  | 18 | 6  |    |    |    |    |    |    | 15 | 12 | 15 | 6  |    |    | 33  | 105   |
| Euonymous fortune 'Emerald and Gold'     | 3L       | 3                  | 6  | 6  |    |    |    |    |    |    | 6  | 6  | 6  | 6  |    |    |     | 36    |
| Cotoneaster adpressus                    | 3L       | 3                  | 9  | 6  |    |    | 6  |    |    |    | 9  | 9  | 9  | 3  |    |    | 30  | 81    |
| Cornus sanguinea 'Midwinter Fire'        | 3L       | 3                  |    |    |    |    |    |    |    |    |    |    |    |    | 24 | 26 |     | 50    |
| Cistus x corbariensis                    | 3L       | 2                  |    |    | 6  | 6  | 6  | 6  | 6  | 6  |    |    |    |    |    |    |     | 36    |
| Caenothus thrysoflorus 'Repens'          | 3L       | 2                  |    |    | 6  |    |    |    | 6  | 6  |    |    |    |    |    |    |     | 24    |
| TOTAL                                    |          |                    | 43 | 28 | 55 | 34 | 26 | 26 | 26 | 30 | 40 | 37 | 40 | 25 | 88 | 92 | 147 | 737   |

### NOTES

**Plots A to O:** 300mm min. depth of topsoil. Plot to be excavated to a minimum depth of 200mm with all arisings, including all building debris to be removed from site. This is to be checked and accepted by Clerk of Works before any topsoil is placed. Immediately before placing of topsoil, the base of the plot is to be broken up to a depth of 100mm to relieve compaction and allow future root penetration. Topsoil to be placed to full depth of 300mm with no compaction.

**Plots N and O:** 300mm min depth of topsoil. Plot to be excavated to a minimum depth of 300mm with all arisings, including all building debris to be removed from site. This is to be checked and accepted by Clerk of Works before any topsoil is placed. Immediately before placing of topsoil, the base of the plot is to be broken up to a depth of 100mm to relieve compaction and allow future root penetration. Topsoil to be placed to full depth of 300mm with no compaction.

**Plots A, B and I,J,K,L:** Cotoneaster and Euonymous spread throughout the plot. Pittosporum and Hebe distributed as specimens towards the back of the plot.

**Plots C to H:** Lavendula distributed along the front of each plot. Other species grouped as feature plants towards the middle and back of the plots.

**Plots M and N:** Cornus, Viburnum and Mahonia in groups of 7 to the rear of the plot, with Ribes to the front.

**All Plots:** After planting bark mulch is to be spread across the full extent of the plot, to depth of 50mm and gently compacted by foot.

| Rev.                                                                                                                                                                                                                                                                                                                   | Date.   | Details. | By.                   | Chk.       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|-----------------------|------------|
| <div><div></div><div><b>Whittington Landscape Architecture</b><br/>50 Penprysg Road<br/>Pencoed<br/>Bridgend<br/>CF35 6RH<br/>Contact: Geoff Whittington<br/>Mob: 07724 680490<br/>Email: geoffwhittington4@gmail.com</div></div> |         |          |                       |            |
| Client:                                                                                                                                                                                                                                                                                                                |         |          | Manning Construction  |            |
| Project:                                                                                                                                                                                                                                                                                                               |         |          | Glynneath Development |            |
| Title:                                                                                                                                                                                                                                                                                                                 |         |          | Landscape Proposals   |            |
| Drawn:                                                                                                                                                                                                                                                                                                                 |         | Checked. |                       | Scale(s).  |
| GW                                                                                                                                                                                                                                                                                                                     |         |          |                       | 1:400 @ A1 |
| Date.                                                                                                                                                                                                                                                                                                                  | Job no. | Org. no. | Rev.                  |            |
| 16/02/21                                                                                                                                                                                                                                                                                                               | 291     | 002      | A                     |            |