

## **PMC Construction Ltd**

|             |                                                                             |               |
|-------------|-----------------------------------------------------------------------------|---------------|
| Project     | Golden Cross Hayes                                                          |               |
| Drawing     | Outline Landscape Plan.<br>Ref. GHD2058 Rev D<br>GHD2058 Rev D Roof Terrace |               |
| Client      | PMC Construction Ltd                                                        |               |
| Prepared by | Rod Winrow, Ross Minett                                                     |               |
| Date        | 19 September 2014                                                           |               |
|             | 3 October 2014                                                              | GHD2058 Rev A |
|             | 6 October 2014                                                              | GHD2058 Rev B |
|             | 10 October 2014                                                             | GHD2058 Rev C |
|             | 12 January 2015                                                             | GHD2058 Rev D |

The following plan outlines the proposed planting scheme to be undertaken at the new development at Golden Cross Hayes

Planting specifications are detailed below.

#### Specification.

All beds are to be prepared to a minimum depth of 450mm, using quality, certified top soil with tree pits being prepared to a minimum of 700mm cubed. Before new topsoil is imported the compacted sub soil should be "ripped" or de-compacted, to ensure long term drainage.

All compost, bark mulch and soil conditioner to be peat-free. A minimum of 25% of all vegetation to be planted must have been reared in peat free compost, and ideally sourced from local suppliers.

All plants will be spaced equally to create the correct coverage in the desired area. We would recommend that once planting has been completed, that a 50mm layer of bark is used to mulch the beds, increasing water retention and to naturally assist in repressing weed growth.

Planting density is based on an average 4 per square meter.

The remaining areas, not shown as hard landscaping or planting beds are to be laid to lawn; this can either by using seed over a prepared bed or by turfing. In either case all areas are to be prepared by rotivating to aerate the soil and a final topsoil dressing, before seed and soil is applied.

All turfing and seed areas should be prepared with a minimum bed depth of 150mm quality topsoil.

All trees to be planted with a tree stake and an expandable tie, water access to the roots will be provided by a single irrigation pipe.

| <b>Planting Bed A 17.5sqm</b>                    | <b>Size cm</b> | <b>Container size Litre</b> | <b>Quantity</b> |
|--------------------------------------------------|----------------|-----------------------------|-----------------|
| <i>Phormium</i> 'Platt's Black'                  | 60/80          | 10                          | 3               |
| <i>Lavandula angustifolia</i> 'Hidcote'          | 30/40          | 2/3                         | 9               |
| <i>Lavandula stoechas</i> 'Alba'                 | 30/40          | 2/3                         | 9               |
| <i>Geranium</i> 'Brookside'                      | 20/30          | 2                           | 6               |
| <i>Phormium</i> 'Rainbow Queen'                  | 60/80          | 10                          | 3               |
| <i>Miscanthus sinensis</i> 'Kleine Silberspinne' | 40/60          | 5                           | 6               |
| <i>Deschampsia cespitosa</i>                     | 40/60          | 5                           | 6               |
| <i>Rosmarinus officinalis</i> 'Miss Jessop'      | 30/40          | 3                           | 6               |
| <i>Agapanthus africanus</i>                      | 30/40          | 3                           | 9               |
| <i>Agapanthus africanus</i> 'Alba'               | 30/40          | 3                           | 9               |
| <b>Planting Bed B 6sqm</b>                       | <b>Size cm</b> | <b>Container size Litre</b> | <b>Quantity</b> |
| <i>Phormium</i> 'Platt's Black'                  | 60/80          | 10                          | 3               |
| <i>Lavandula angustifolia</i> 'Hidcote'          | 30/40          | 2/3                         | 9               |
| <i>Lavandula stoechas</i> 'Alba'                 | 30/40          | 2/3                         | 6               |
| <i>Geranium</i> 'Brookside'                      | 20/30          | 2                           | 6               |
| <b>Planting Bed C 6.5sqm</b>                     | <b>Size cm</b> | <b>Container size Litre</b> | <b>Quantity</b> |
| <i>Hakonechloa macra</i> 'Aurea'                 | 30/40          | 2/3                         | 9               |
| <i>Hebe</i> 'Silver Queen'                       | 30/40          | 2/3                         | 6               |
| <i>Carex buechananii</i>                         | 30/40          | 2/3                         | 6               |
| <i>Hebe</i> 'Emerald Green'                      | 30/40          | 2/3                         | 6               |
| <i>Deschampsia cespitosa</i>                     | 40/60          | 5                           | 3               |

| <b>Planting Bed D 5sqm</b>                                                     | <b>Size cm</b> | <b>Container size Litre</b> | <b>Quantity</b> |
|--------------------------------------------------------------------------------|----------------|-----------------------------|-----------------|
| <i>Hebe</i> 'Albicans'                                                         | 30/40          | 2/3                         | 6               |
| <i>Heuchera villosa</i> 'Palace Purple'                                        | 30/40          | 2/3                         | 6               |
| <i>Phormium</i> 'Rainbow Queen'                                                | 60/80          | 10                          | 3               |
| <i>Hebe</i> 'Emerald Green'                                                    | 30/40          | 2/3                         | 6               |
| <b>Planting Bed E 3sqm</b>                                                     | <b>Size cm</b> | <b>Container size Litre</b> | <b>Quantity</b> |
| <i>Hebe</i> 'Red Edge'                                                         | 30/40          | 2/3                         | 3               |
| <i>Heuchera villosa</i> 'Palace Purple'                                        | 30/40          | 2/3                         | 3               |
| <i>Hebe</i> 'Albicans'                                                         | 30/40          | 2/3                         | 3               |
| <b>Planting Bed F 2sqm</b>                                                     | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Skimmia japonica</i>                                                        | 40/60          | 10                          | 3               |
| <i>Euonymus fortunei</i> 'Silver Queen'                                        | 30/40          | 2/3                         | 2               |
| <i>Euonymus fortunei</i> 'Emerald Gaiety'                                      | 30/40          | 2/3                         | 2               |
| <b>Planting Bed G 2sqm</b>                                                     | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Skimmia japonica</i>                                                        | 40/60          | 10                          | 3               |
| <i>Euonymus fortunei</i> 'Silver Queen'                                        | 30/40          | 2/3                         | 2               |
| <i>Euonymus fortunei</i> 'Emerald Gaiety'                                      | 30/40          | 2/3                         | 2               |
| <b>Planting Bed H 23.5sqm</b>                                                  | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Hebe</i> 'Emerald Green'                                                    | 30/40          | 5                           | 6               |
| <i>Geranium</i> 'Johnson's Blue'                                               | 30/40          | 2                           | 12              |
| <i>Hebe</i> 'White Gem'                                                        | 30/40          | 5                           | 9               |
| <i>Deschampsia cespitosa</i>                                                   | 40/60          | 5                           | 6               |
| <i>Lavandula angustifolia</i> 'Hidcote'                                        | 30/40          | 3                           | 9               |
| <i>Rosmarinus officinalis</i> 'Miss Jessop'                                    | 30/40          | 3                           | 6               |
| <i>Skimmia japonica</i> 'Rubella'                                              | 30/40          | 5                           | 9               |
| <i>Cotoneaster dammeri</i> 'Coral Beauty'                                      | 30/40          | 2/3                         | 6               |
| <i>Ceanothus repens</i>                                                        | 30/40          | 2/3                         | 6               |
| <i>Euonymus fortunei</i> 'Emerald Gaiety'                                      | 30/40          | 2/3                         | 9               |
| <i>Viburnum tinus</i>                                                          | 30/40          | 2/3                         | 6               |
| <b>Planting Bed J 9sqm</b>                                                     | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Photinia x fraseri</i> 'Red Robin'                                          | 60/80          | 10                          | 6               |
| <i>Fatsia japonica</i>                                                         | 60/80          | 10                          | 6               |
| <i>Deschampsia cespitosa</i>                                                   | 40/60          | 10                          | 3               |
| <i>Lavandula angustifolia</i> 'Hidcote'                                        | 30/40          | 3                           | 9               |
| <i>Rosmarinus officinalis</i> 'Miss Jessop'                                    | 30/40          | 3                           | 9               |
| <i>Convolvulus cneorum</i>                                                     | 30/40          | 2/3                         | 6               |
| <b>Planting Bed K 1sqm</b>                                                     | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Lonicera japonica</i> 'Halliana' (wired to bin store to create Living wall) | 90/120         | 3                           | 3               |
| <b>Planting Bed L 6sqm</b>                                                     | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Lonicera japonica</i> 'Halliana' (wired to bin store to create Living wall) | 90/120         | 3                           | 3               |
| <i>Heuchera</i> 'Amethyst Myst'                                                | 30/40          | 2/3                         | 6               |
| <i>Vinca major</i> 'Variegata'                                                 | 30/40          | 2                           | 6               |
| <i>Hebe</i> 'Albicans'                                                         | 30/40          | 2/3                         | 6               |
| <i>Hebe</i> 'Emerald Green'                                                    | 30/40          | 2/3                         | 6               |
| <b>Planting Bed M 5sqm</b>                                                     | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Lonicera japonica</i> 'Halliana' (wired to bin store to create Living wall) | 90/120         | 3                           | 3               |
| <i>Heuchera</i> 'Amethyst Myst'                                                | 30/40          | 2/3                         | 6               |
| <i>Vinca major</i> 'Variegata'                                                 | 30/40          | 2                           | 6               |
| <i>Hebe</i> 'Red Edge'                                                         | 30/40          | 2/3                         | 3               |

|                                |                |                             |                 |
|--------------------------------|----------------|-----------------------------|-----------------|
| <i>Hebe</i> 'Albicans'         | 30/40          | 2/3                         | 6               |
| <b>Planting Bed P 14.5sqm</b>  | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Vinca minor</i> 'Alba'      | 20/30          | 1                           | 15              |
| <i>Vinca major</i> 'Variegata' | 20/30          | 1                           | 15              |

|                                             |                |                             |                 |
|---------------------------------------------|----------------|-----------------------------|-----------------|
| <b>Hedge A 10sqm</b>                        | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Ligustrum vulgare</i> (Double staggered) | 90/120         | Bare root or container      | 30              |
| <b>Hedge B 16sqm</b>                        | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Ligustrum vulgare</i> (Double staggered) | 90/120         | Bare root or container      | 45              |
| <b>Hedge C 8sqm</b>                         | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Ligustrum vulgare</i> (Double staggered) | 90/120         | Bare root or container      | 30              |
| <b>Hedge D 14sqm</b>                        | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Fagus sylvatica</i> (Double staggered)   | 90/120         | Bare root or container      | 48              |

| Tree Number  | Tree                                 | Girth | Height | Quantity |
|--------------|--------------------------------------|-------|--------|----------|
| T1,T4,T10    | <i>Sorbus aucuparia</i> 'Fastigiata' | 12/14 | 3m     | 3        |
| T3,T7, T11   | <i>Betula pendula</i>                | 12/14 | 3m     | 3        |
| T2,T6,T9     | <i>Prunus</i> 'Kursar'               | 10/12 | 2.1m   | 3        |
| T5,T8,       | <i>Malus</i> 'John Downie'           | 10/12 | 2.1m   | 2        |
| T12,T13, T14 | <i>Amelanchier lamarckii</i>         | 12/14 | 3m     | 3        |

#### Roof Planters.

|                                             |                |                             |                 |
|---------------------------------------------|----------------|-----------------------------|-----------------|
| <b>Planter A 3sqm</b>                       | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Deschampsia cespitosa</i>                | 40/60          | 5                           | 3               |
| <i>Rosmarinus officinalis</i> 'Miss Jessop' | 30/40          | 3                           | 3               |
| <i>Agapanthus africanus</i>                 | 30/40          | 3                           | 3               |
| <b>Planter B 3sqm</b>                       | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Phormium</i> 'Rainbow Queen'             | 60/80          | 10                          | 1               |
| <i>Hebe</i> 'White Gem'                     | 30/40          | 5                           | 4               |
| <i>Geranium Brookside</i>                   | 30/40          | 2/3                         | 3               |
| <i>Heuchera Amethyst mist</i>               | 30/40          | 2/3                         | 3               |
| <b>Planter C 3sqm</b>                       | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Buxus Sempervirens</i>                   | 40cm dia       | 5                           | 6               |
| <i>Agapanthus africanus Alba</i>            | 30/40          | 3                           | 6               |
| <b>Planter D 6sqm</b>                       | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Hebe</i> 'Emerald Green'                 | 30/40          | 5                           | 3               |
| <i>Geranium</i> 'Johnson's Blue'            | 30/40          | 2                           | 6               |
| <i>Hebe</i> 'White Gem'                     | 30/40          | 5                           | 3               |
| <i>Deschampsia cespitosa</i>                | 40/60          | 5                           | 3               |
| <i>Lavandula angustifolia</i> 'Hidcote'     | 30/40          | 3                           | 6               |
| <b>Planter E 3sqm</b>                       | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Phormium</i> 'Rainbow Queen'             | 60/80          | 10                          | 1               |
| <i>Hebe</i> 'White Gem'                     | 30/40          | 5                           | 4               |
| <i>Geranium Brookside</i>                   | 30/40          | 2/3                         | 3               |
| <i>Heuchera Amethyst mist</i>               | 30/40          | 2/3                         | 3               |
| <b>Planter F 3sqm</b>                       | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Deschampsia cespitosa</i>                | 40/60          | 5                           | 3               |
| <i>Rosmarinus officinalis</i> 'Miss Jessop' | 30/40          | 3                           | 3               |
| <i>Agapanthus africanus</i>                 | 30/40          | 3                           | 3               |
| <b>Planter G 3sqm</b>                       | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Buxus Sempervirens</i>                   | 40cm dia       | 5                           | 6               |

|                                         |                |                             |                 |
|-----------------------------------------|----------------|-----------------------------|-----------------|
| <i>Agapanthus africanus Alba</i>        | 30/40          | 3                           | 6               |
| <b>Planter H 1.5sqm</b>                 | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Hebe 'Red Edge'</i>                  | 30/40          | 2/3                         | 3               |
| <i>Hebe 'Albicans'</i>                  | 30/40          | 2/3                         | 3               |
| <b>Planter J 6sqm</b>                   | <b>Size cm</b> | <b>Container Size Litre</b> | <b>Quantity</b> |
| <i>Hebe 'Emerald Green'</i>             | 30/40          | 5                           | 3               |
| <i>Geranium 'Johnson's Blue'</i>        | 30/40          | 2                           | 6               |
| <i>Hebe 'White Gem'</i>                 | 30/40          | 5                           | 3               |
| <i>Deschampsia cespitosa</i>            | 40/60          | 5                           | 3               |
| <i>Lavandula angustifolia 'Hidcote'</i> | 30/40          | 3                           | 6               |

#### Wildlife

Please see Specialist Ecology Reports,

#### Work Schedule

To prevent any accidental damage, the soft landscaping and planting works should be undertaken once the main construction has been completed and the majority of the contractors have left the site.

All planting, seeding or turfing comprised in the approved details of landscaping shall be carried out in the first planting and seeding seasons following the occupation of the buildings or the completion of the development, whichever is the sooner. Any trees or plants which within a period of 5 years from the completion of the development die, are removed or become seriously damaged or diseased shall be replaced in the next planting season with others of similar size or species, unless the Local Planning Authority gives written consent to any variation.