



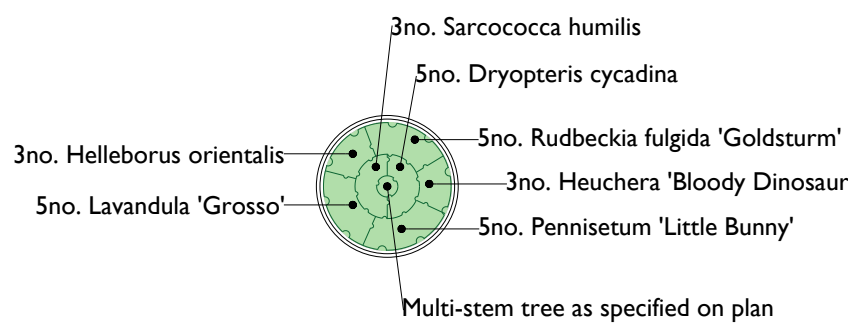
Funded by  
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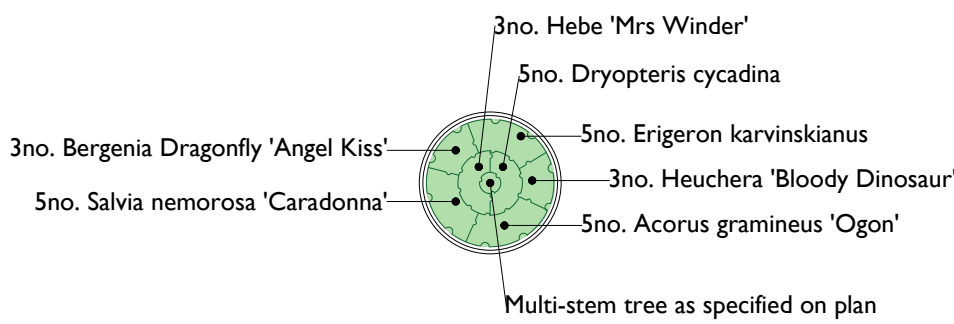
MANCHESTER  
CITY COUNCIL

GREATER  
MANCHESTER  
DOING THINGS DIFFERENTLY

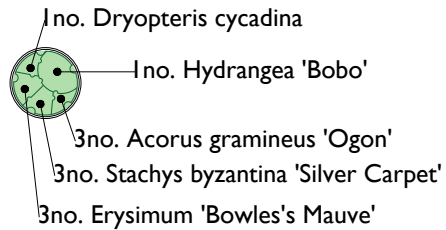
Plant mix A



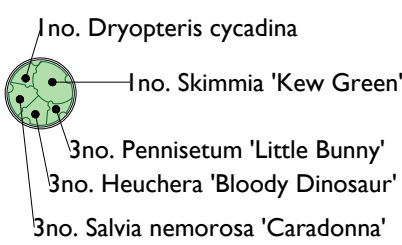
Plant mix B



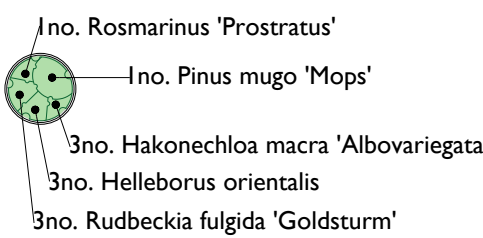
Plant mix C



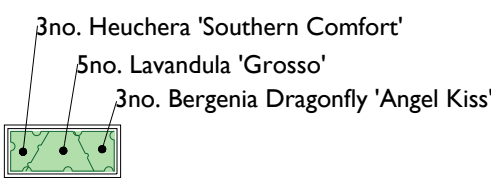
Plant mix D



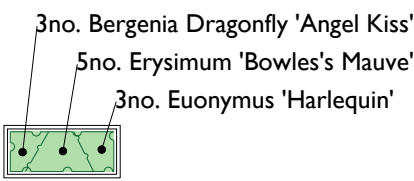
Plant mix E



Plant mix F



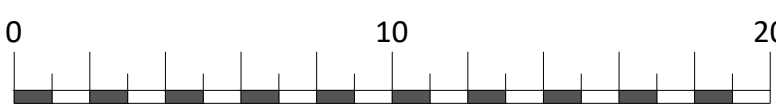
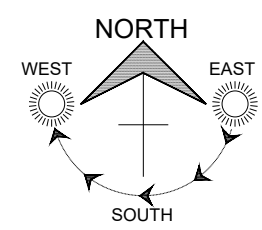
Plant mix G



GARRATT WAY

GORTON  
MARKET

TESCO  
EXTRA



SCALE - METRES - 1:200

#### PLANTING PLAN

##### ORNAMENTAL SHRUB/HERBACEOUS PLANTING

| Abb  | Species                              | Size | Height (cm) | Density | Number |
|------|--------------------------------------|------|-------------|---------|--------|
| AgO  | Acorus gramineus 'Ogon'              | 3L   | 20-30       | 7 sq.m  | 38     |
| AW   | Argyranthemum 'Whiteknights'         | 3L   | 20-30       | 7 sq.m  | 14     |
| BDAK | Bergenia Dragonfly 'Angel Kiss'      | 3L   | 20-30       | 5 sq.m  | 24     |
| BdNP | Buddleia davidii 'Nanho Purple'      | 3L   | 20-30       | 3 sq.m  | 11     |
| CtS  | Choisya ternata 'Sundance'           | 3L   | 30-40       | 3 sq.m  | 25     |
| Dc   | Dryopteris cycadina                  | 3L   | 20-30       | 4 sq.m  | 66     |
| EBM  | Erysimum 'Bowles's Mauve'            | 3L   | 20-30       | 5 sq.m  | 48     |
| EH   | Euonymus 'Harlequin'                 | 3L   | 20-30       | 5 sq.m  | 36     |
| Ek   | Erigeron karvinskianus               | 3L   | 20-30       | 9 sq.m  | 30     |
| FgEB | Festuca glauca 'Elijah Blue'         | 3L   | 20-30       | 5 sq.m  | 29     |
| GoWP | Geranium x oxonianum 'Wargrave Pink' | 3L   | 20-30       | 5 sq.m  | 18     |
| HBD  | Heuchera 'Bloody Dinosaur'           | 3L   | 20-30       | 5 sq.m  | 56     |
| HSC  | Heuchera 'Southern Comfort'          | 3L   | 20-30       | 5 sq.m  | 14     |
| HGG  | Hebe 'Green Globe'                   | 3L   | 20-30       | 5 sq.m  | 21     |
| HMW  | Hebe 'Mrs Winder'                    | 3L   | 20-30       | 3 sq.m  | 57     |
| HmA  | Hakonechloa macra 'Albovariegata'    | 3L   | 20-30       | 5 sq.m  | 46     |
| Heo  | Helleborus orientalis                | 3L   | 20-30       | 5 sq.m  | 85     |
| LaG  | Lavandula 'Grosso'                   | 3L   | 20-30       | 5 sq.m  | 97     |
| MsV  | Miscanthus sinensis 'Variegatus'     | 3L   | 20-30       | 5 sq.m  | 16     |
| NWL  | Nepeta 'Walker's Low'                | 3L   | 20-30       | 7 sq.m  | 14     |
| Oil  | Oenothera lindheimeri                | 3L   | 20-30       | 7 sq.m  | 30     |
| PLB  | Pennisetum 'Little Bunny'            | 3L   | 20-30       | 7 sq.m  | 51     |
| PZ   | Prunus 'Zabeliana'                   | 3L   | 30-40       | 3 sq.m  | 7      |
| RFG  | Rudbeckia fulgida 'Goldsturm'        | 3L   | 20-30       | 7 sq.m  | 125    |
| Rop  | Rosmarinus 'Prostratus'              | 3L   | 20-30       | 5 sq.m  | 28     |
| Sma  | Sedum 'Matrona'                      | 3L   | 20-30       | 7 sq.m  | 18     |
| SnC  | Salvia nemorosa 'Caradonna'          | 3L   | 20-30       | 5 sq.m  | 47     |
| SbSC | Stachys byzantina 'Silver Carpet'    | 3L   | 20-30       | 5 sq.m  | 31     |
| Sh   | Sarcococca humilis                   | 3L   | 30-40       | 3 sq.m  | 96     |
| Sten | Stipa tenuissima                     | 3L   | 20-30       | 7 sq.m  | 18     |
| Ths  | Thymus serpyllum                     | 3L   | 20-30       | 9 sq.m  | 33     |

##### SPECIMENS

| Abb | Species             | Size | Height (cm) | Density | Number |
|-----|---------------------|------|-------------|---------|--------|
| Hbo | Hydrangea 'Bobo'    | 10L  | 80-100      | Ind.    | 12     |
| PmM | Pinus mugo 'Mops'   | 10L  | 80-100      | Ind.    | 8      |
| SKG | Skimmia 'Kew Green' | 10L  | 80-100      | Ind.    | 8      |

##### TREES

| Abb | Species                        | Size       | Root           | Height (cm) | Type        | Number |
|-----|--------------------------------|------------|----------------|-------------|-------------|--------|
| AI  | Amelanchier lamarckii          | Multi-stem | 30-50L         | 150-200     | Multi-stem  | 4      |
| As  | Alnus x spaethii               | 20-25 cm   | C              | 450-550     | Single stem | 4      |
| Bp  | Betula pubescens               | multi-stem | C              | 200-300     | Multi-stem  | 4      |
| BuJ | Betula utilis Jacquemontii     | Multi-stem | 30-50L         | 150-200     | Multi-stem  | 3      |
| Ces | Cercis siliquastrum            | Multi-stem | 30-50L         | 150-200     | Multi-stem  | 2      |
| Pc  | Picea pungens *                | Specimen   | Large Rootball | 600-650     | Single Stem | 1      |
| PcC | Pyrus calleryana 'Chanticleer' | 18-20 cm   | C              | 450-500     | Single stem | 3      |
| MB  | Malus Butterball               | Multi-stem | C              | 200-300     | Multi-stem  | 3      |

\* Please note this is a feature Christmas tree which has been picked at the nursery by the project Landscape Architect to provide the best impact on site and to respond to the site conditions.

##### PLANTING NOTES:

- Plant handling at the nursery, and during transit up to delivery, shall be in accordance with 'Plant Handling', the booklet published by the Committee for Plant Supply and Establishment (CPSE). The contractor shall comply with clauses 3 & 4 of the above booklet (obtained from the Horticulture Trades Association, 19 High Street, Theale, Reading, Berks RG7 5H) which refers to the receipt, unloading and temporary storage of plants.
- Plants shall be first class examples of their species or variety, free from all pests and diseases, with good fibrous root systems and materially undamaged (refer to relevant sections of BS3936 Parts 1-4 'Specification of Nursery Stock').
- All planting is to be in general compliance with BS4428: 1989 'Code of Practice for general landscape operations'
- Tree Pits  
One number 80 litre bag of compost (non-peat based) should be roughly incorporated between two tree pits and a slow release tree fertiliser (in line with manufacturers recommendations) should also be incorporated into the mix.  
  
The compost and fertiliser must be thoroughly mixed with the excavated material prior to back filling the tree pit. Any large stones and rubble should be removed if excavated during these works and the base of the pit should be broken out to ensure that it is free draining.  
  
The trees should be planted in tree pits to the dimension shown on drawing 5493.16  
  
Trees within planters shall be planted in the centre with a new topsoil/ compost mix compacted around the root. For trees planted within soft landscaped areas, an irrigation pipe is required to aid watering.  
  
The Christmas tree should be planted in a specialist tree pit within hard surfacing, using the Green TechTree Parker System. It shall be installed with the Green Tech Tree Anchor Rootball Wire Fixing System and Mona Relief Piazza Tree Irrigation Watering System. Please refer to detailed drawing and specification by Green Tech.
- Staking  
Trees with an 18-20 or 20-25cm girth should be secured with a triple timber stake (at 600mm above ground level), and rubber tree ties.  
  
Multi-stem trees are to be secured with a dead mans anchor system such as Deadman System - Plati-Mat® from www.platipus-anchors.com or an equal approved product to be agreed with the landscape architect.
- Shrub Beds and Planting General:  
All beds should be free draining and free from builders rubble and large stones. There should be min 450mm of good quality top soil to all the shrubs beds. Areas to be treated with a non-residual glyphosate based herbicide prior to planting and cultivated to a depth of 150mm.  
  
A slow release fertiliser mixed with a peat free compost should be incorporate into the back fill material when planting the shrubs to give them the best possible chance of establishment.  
  
For hedges dig a trench the full length of the hedge 500mm wide x 400mm deep and break up the base to facilitate drainage.

- A root barrier should be installed in between the planting and edge of the path along Garratt Way to prevent interference with services.
- Planters  
All planters to be filled with good quality topsoil in line with BS3882:2015 specification for topsoil with a 100mm depth of clean free draining gravel (Type 3 Granite) laid in the base. Install a permeable fabric liner between the soil and the gravel to keep the base clear from soil and free draining.  
  
Water all planters on the same day of planting to ensure that the soil is fully saturated. Ensure proactive watering there after as necessary (min once a week during periods of drought and summer months in the first year of establishment period) to ensure the successful establishment of the plants.
- Storing the topsoil  
Compaction and contamination should be prevented by covering and not allowing construction plants to pass over it. It should also be handled in the driest conditions possible and not after a heavy rainfall. When spreading the topsoil do not firm, consolidate or compact it.
- Finishing Beds  
The finished surface of the bed should be free from weeds, stones or rubble and the surface of the soil cultivated to level out any clumps, mounds or depressions.  
  
When planted all shrub beds are to be mulched. Planters and areas of low spreading plants in the wildlife area should be mulched with composted fine bark. Areas of structured shrub planting shall be mulched with 50mm depth of composted fine bark.  
  
The beds should be maintained weed free and the beds topped up annually with composted fine bark mulch as required.
- Watering:  
All Trees, Hedges and Shrub beds to be watered in the first year of establishment regularly during periods of drought until established. For the trees in the first year of establishment and in subsequent years if there is a drought. Water with 150 litres minimum per month, once every 2-4 weeks regardless of rainfall.
- Weeding:  
All shrub beds to be maintained weed free by regularly hand weeding the beds and spot treating any prolific weeds with a glyphosate based weed killer. Maintaining the composted fine bark will also help to reduce weed growth.
- The contractor must ascertain himself/herself of the exact location of underground services and electrics/lighting prior to carrying out any digging on site.

#### KEY

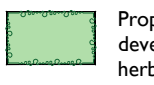
Soft Landscape



Proposed Trees to be planted within the development to include a mixture of formal street trees, native trees and wildlife beneficial trees.



Proposed Trees within planters to include small growing multi-stemmed ornamentals for seasonal interest.



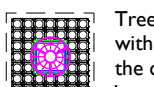
Proposed Structured shrub planting along the road frontage to comprises low maintenance, flowering species to add colour and visual interest to the streetscene.



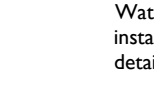
Proposed Ornamental shrub planting within the development to comprises low growing shrubs, herbaceous perennials and grasses that are drought tolerant and wildlife beneficial.



Proposed Wildlife/Sensory planting within the development to comprises playful and colourful species which are textured and scented and attractive to wildlife such as bees and butterflies.



Proposed Christmas Tree to comprise a real mature tree set within the hard landscape and planted into an underground tree cell system to provide a suitable growing environment. Size: 600-650cm (large root mass).



Tree Pit - Tree Parker System 4.2m x 4.2m x 1.7m with a soil volume of 21m3 (9 units not required in the centre to allow space for the larger root ball). Install with GT Tree Anchor Rootball Wire Fixing System and Mona Relief Piazza Tree Irrigation Watering System. To have a recessed tree grille installed (2.2m dia) with permeable resin. Refer to detailed drawing 5493.15

Please refer to drawing 5493.05 for the planting plan of the wildlife area

Rev J: Tag amended for Christmas Tree 26 02 2025  
Rev I: Planter moved over to accommodate ramp, no change to plant numbers since rev H 18 02 2025  
Rev H: Tree added back in and species updated to site conditions 05 02 2025  
Rev G: Amended to include new access ramp 23 01 2025  
Rev F: Tree species updated to ground conditions EP 16 01 2025  
Rev E: Coordination of the design EP 29 11 2024  
Rev D: Updated to MCC Cost review KR 19 11 2024  
Rev C: Updated to MCC cost review KR 05 11 2024  
Rev B: Proposed new door markings removed KR 23 10 2024  
Rev A: Additional road signage added and ratings moved back to 15 10 2024

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Client  
Manchester City Council

Project  
Gorton Square

Description  
Planting Plan 1 of 2

Status  
Construction

Scale  
1:200@A1  
Job number  
5493  
Drawing number  
04  
Date  
Sept 24  
Revision  
J

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All text and dimensions to be checked on site by contractor prior to commencement. Any variations to be reported to the client. This drawing is to be read in conjunction with all information derived from the drawing. Use of the drawing is to be carried out in accordance with current British Standards and Codes of Practice.  
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