

1 Topsoil / Subsoil: Topsoil shall be spread to min 450mm depth over planting beds (including climbers to base of acoustic walls which shall have pits of 450Hx450D (length of pit) and 150mm depth over turf areas and graded to fall. Topsoil should be in accordance with BS3882:2015 and where subsoil is required, to be in line with BS8601:2013. It is recommended that samples are tested with Certification and Analysis Reports with a concise analysis. To be provided to the landscape Architect / Client for approval. If the soil doesn't meet the BS standard specialist advice should be received to say if the soil can be improved.

3 Container Grown Shrubs, Transplants and Shrubs: Shrubs and transplants shall comply with the National Plant Specification. Shrubs shall be planted in pits 300 x 300 x 200mm depth, and the backfill shall include 3 litres Peat Free Tree and Shrub Compost. Specimen plants to be planted in a pit 400 x 400 x250mm depth with 5 litres Tree and Shrub Compost. BR whips should be notch planted as required and healed into position. All whips to be protected by a spiral bound shrub guard secured into place with a timber cane. Where in public locations it may be necessary to have caps to the canes. Hedgerow planting to be planted in a double staggered row at 300mm centres. Climbers to be planted with canes and ties to encourage initial vertical growth up acoustic fences.

5 Bark Mulch: All Ornamental Planting beds to receive 75mm depth pulverised ornamental bark mulch.

7 On excavation of the tree pit a bucket test should be undertaken to review the water infiltration. Certain species of trees will decline if the ground drainage is poor. Monitor the water egress. If water sits for long periods or doesn't drain the pit may require further works to break up the ground. A clean stone drainage layer may assist to ensure that the root ball isn't sat within standing water.

EXTRA HEAVY STANDARD: Tree pit 900x900x900mm depth. Pit backfilled with 150mm depth of clean stone to the base, 300mm depth good quality topsoil to BS3882:2015 and 450mm subsoil to BS5601:2013. If planted within lawn tree to be set in circle area of bark mulch 75mm depth at 500mm diameter. Double stakes to be 1000mm above ground and fixed to tree with suitable rubber ties (with the tree in the middle). Trees to be planted with an irrigation pipe (to wrap around the rootball of the tree) and secure the end of the pipe to the tree stake.

SEMI- MATURE IN HARD PAVING: Tree set in tree grill. Mona Relief Tree Irrigation Watering System by Green Tech integrated to be into tree grill. Trees to be secured with underground guying system and below ground structural cell system (Root space or similar approved). Root deflectors required to prevent pavement lift and root barriers required if services in close proximity. Growing medium within the below ground cell system is to be the Arborsoft Soil. Integrated lighting point set within the grill. Loose gravel infill around the collar of the tree.

9 Grass Seeding: Sow late summer to mid autumn. Prepare ground by removing any existing vegetation, large stones and roughly levelling. An application of non-residual systemic glyphosate containing weedkiller may be required. Grass seed should be spread at 50g per metre squared. After sowing, lightly rake over area and water.

- Control or remove weeds before sowing. For small areas, remove weeds by hand. For larger areas, a weed suppressing membrane or black plastic can be laid over the area 3 months prior to sowing to prevent weed growth. For larger areas and where vigorous perennial weeds, such as nettles, docks and dandelions, are present in large number, non-chemical control methods may not be effective. In these situations instead spray off existing vegetation using non-residual systemic glyphosate-containing weedkillers

11 **Bulb Planting:** Plant spring flowering bulbs (e.g. daffodils, tulips, spring flowering crocus) in autumn and autumn flowering (e.g. autumn crocus, cyclamen) bulbs in late summer. Plant bulbs at 25 per m². Plant bulbs at a depth 2-3 times their height with the shoot facing upwards. Refill the holes and lightly compact soil to avoid damaging bulbs.

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5. The Contractor is responsible for accurately ascertaining the position of underground services and responding to all relevant service easement requirements.
6. All dimensions are in millimetres unless stated otherwise, for the purposes of construction this drawing must not be scaled and only written dimensions used. Written and scaled dimensions to be checked on site, any discrepancies reported prior to work commencing. IF IN DOUBT PLEASE ASK.
7. All work and materials are to be in accordance with the relevant British Standards and Code of Practice.
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Existing Trees to be Retained and Hedgerow

Proposed Large Trees (in soft)
Grees to be planted as 20-25cm girth, Semi-Mature, 4.5-5.5m high with a clear stem. Trees to be secured with underground guying system.

Proposed Large Trees (in hard landscape within car park)
Trees to be planted as 20-25cm girth, Semi-Mature, 4.5-5.5m high with a clear stem. Trees to be secured within underground cell system by GreenBlue Urban or similar approved

Proposed Medium Size Trees (including native species)
Trees to be planted as 14-16cm girth, Extra Heavy Standard, 3.5-4m high. Trees to be staked and secured with suitable rubber ties.

Proposed Small Ornamental Trees
Trees to be planted as 10-12cm girth or 50L containers, 2-3m high and secured with single stake and suitable rubber ties.

Proposed Native Hedgerow
Native hedge mix, to be planted at 80-100cm, double staggered row, bareroot stock at 300mm centres and protected with spiral guards

Proposed Instant Hedge
Instant evergreen hedge to provide screening to acoustic walls
Troughs, 1.75-2.00cm high
Typical species: *Prunus laestica angustifolia*

Proposed Shrub Planting
Ornamental shrub planting, to be planted in 3-4L containers at 3-4 g/m², and enhanced by feature species in 10-20L pots.

Proposed Native Shrub Mix with Feathered Native Trees
Proposed native shrub mix to have minimum final growth height of 5-7 m. Mix to provide breeding and foraging opportunities. To incorporate with trees, 100-125cm, planted at 1 plants per sq.m and protected with spiral guards

Proposed Native Scrub/Shrub Plant Mix
Proposed native shrub mix to have minimum final growth height of 5-7 m. Planted at 1 plants per sq.m and protected with spiral guards.
Mix to provide breeding and foraging opportunities.

Proposed Grass

Proposed Wildflower Meadow
To be EM2 General purpose meadow mix by Emergatz or similar approved. Including 80% of grasses and 20% of flowering perennials.
Sowing rate 5g/m².

Proposed Wetland Seed Mix
For soils that are permanently wet, or seasonally under water, and situations at the edge of streams and ditches. EM8 Meadow Mix for Wetlands by Emergatz or similar approved.

Proposed Wildflower Meadow (For shade)
EW1 Woodland Mix by Emergatz or similar approved.

Proposed Bulk Planting

Proposed Marginal Planting
For soils that are permanently damp, planting to the base of the attenuation area to promote reed growth.

Proposed 5m High Acoustic Barrier with Green Screen
Green screen to be a 5m high instant hedging and climbers with Jakob's Lope and Rod tensile wire system.

Proposed 3m High Acoustic Barrier with Green Screen
Green screen to be Mobaline's Green Screen (3m) or similar approved

Rev	By	Description	Date
D	DC	updated in line with Masterplan rev J	16.02.23
E	DC	updated in line with Masterplan rev M	01.03.23
F	MC	updated in line with Masterplan rev N	10.03.23
G	AI	updated in line with Masterplan rev P	02.06.23
H	MC	updated in line with Masterplan rev Q	06.06.23

Trammell Crow

Manchester Road, South Heywood

Planting Plan (1 of 8)

For Approval

Scale @ A1	Drawn	Checked	Date
1:250	GBS	DC	14.10.22
Job number	Drawing number	Revision	
4146	201	H	

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