



House Frontage Beds
Ornamental shrub/perennial low flowing beds interspersed with topiary, cones, balls and to achieve a formal flowering beds with an overall height of circa 500mm, with specimen plants rising to 80-1000mm to create accents.

Plants suited to shady environments (N)

NAME	SIZE: CM	POT: L	BREAKS	DENSITY M2
Bergenia 'Siberich' (N)	15-20 DIA	3L	Bushy, min 5 breaks	5
Buxus sempervirens (N)	40-60	3L	Clipped ball	NA
Cotoneaster 'Coral Beauty' (N)	40-60	3L	Bushy, min 5 breaks	3
Euonymus fortunei variegatus (N)	40-60	3L	Bushy, min 5 breaks	3
Fuchsia 'Mrs Popple'	40-60	3L	Bushy, min 5 breaks	3
Habe 'Marjorie'	40-60	3L	Bushy, min 5 breaks	3
Habe pingulifolia pagii	40-60	3L	Bushy, min 5 breaks	3
Helleborus 'Penny's Pink' (N)	40-60	3L	Bushy, min 5 breaks	3
Lavandula angustifolia 'Hidcote'	15-20 DIA	3L	Bushy, min 5 breaks	5
Lauralis nobilis	40-60cm	3L	Clipped Cone or Spiral	NA
Miscanthus sinensis 'Morning Light'	15-20 DIA	3L	Bushy, min 5 breaks	5
Pinus laurococcus 'Otto Luyken' (N)	40-60	3L	Bushy, min 5 breaks	3
Photostrom tenuifolium 'Golf Ball'	40-60	3L	Bushy, min 5 breaks	3
Rosa 'Kent'	40-60	3L	Bushy, min 5 breaks	3
Santolina chamaecyparissus	40-60	3L	Bushy, min 7 breaks	3
Salvia nemorosa	15-20 DIA	2L	Bushy, min 5 breaks	5
Sarcococca hookeriana (N)	15-20 DIA	2L	Bushy, min 5 breaks	5
Saxifraga hibernica	15-20 DIA	2L	Bushy, min 5 breaks	5
Saxifraga japonica 'Wakuhunt White'	40-60	3L	Bushy, min 7 breaks	3
Viburnum davidii (N)	30-40	3L	Bushy, min 5 breaks	3

Plot Boundary Planting Beds
Ornamental shrub/perennial flowering beds planted along fences and secondary boundaries to soften the built form and transition. To the rear shrubs that are suited to walls/climbing should be situated with smaller shrubs at the front. Height to reach 1.5m

Plants suited to shady environments (N)

NAME	SIZE: CM	POT: L	BREAKS	DENSITY M2
Buddlejia davidii 'Summer Beauty'	30-40 dia	3L	Bushy, min 6 breaks	3
Ceanothus 'Blue Mound'	30-40 dia	3L	Bushy, min 6 breaks	3
Chionodoxa 'Alice Pearl' (N)	40-60	3L	Bushy, min 5 breaks	3
Fuchsia 'Mrs Popple'	40-60	3L	Bushy, min 5 breaks	3
Habe 'Great Orme' (N)	40-60	3L	Bushy, min 5 breaks	3
Habe 'Marjorie'	40-60	3L	Bushy, min 5 breaks	3
Habe 'Mrs Winsor'	40-60	3L	Bushy, min 5 breaks	3
Hydrangea 'Blue Wave' (N)	40-60	3L	Bushy, min 5 breaks	3
Osmorhiza x burkwoodii (N)	40-60	3L	Bushy, min 5 breaks	3
Phodina carex ruga (N)	40-60	3L	Bushy, min 5 breaks	3
Pinus laurococcus 'Otto Luyken' (N)	40-60	3L	Bushy, min 5 breaks	3
Pyracantha 'Orange Glow' (N)	40-60	3L	Bushy, min 5 breaks	3
Rosa 'Kent'	40-60	3L	Bushy, min 5 breaks	3
Santolina chamaecyparissus	40-60	3L	Bushy, min 7 breaks	3
Salvia hispanica 'Savonmound'	40-60	3L	Bushy, min 7 breaks	3
Saxifraga japonica 'Wakuhunt White'	40-60	3L	Bushy, min 7 breaks	3
Viburnum davidii (N)	30-40	3L	Bushy, min 5 breaks	3
Viburnum tricus 'Eve Prior' (N)	30-40	3L	Bushy, min 5 breaks	3

- LANDSCAPING NOTES - General Guidance**
- Existing trees on or adjacent to site are to be retained shall be protected in accordance with BS 5837:2012 Trees in relation to design, demolition and construction. Recommendations from commencement to completion of all works on site.
 - All excavated areas to be backfilled with imported subsoil to BS 8601:2013 Specification for subsoil and requirements for use (imported subsoil to be laid on site's existing subsoil profile) and overlaid with topsoil to BS 3882:2015 Specification for topsoil BS 3882 - General purpose grade. All topsoiled areas to be clear of rocks and rubble larger than 50mm diameter and any other debris that may interfere with the establishment of plants. Strata areas to have a minimum depth of 400mm topsoil. Grassed areas to have a minimum depth of 150mm. Tree pit soil depth/volume in accordance with BS 8545:2014 Trees from nursery to independence in the landscape. Recommendations.
 - All plants are to be supplied in accordance with Horticultural Trade Association's National Plant Specification and from a HTA certified nursery. Delivery and backfilling of all plant material to be in accordance with BS4242:2014 CODE OF PRACTICE for Handling and Establishing Landscape Plants, Parts I, II and III.
 - All specimen and ground cover shrubs to be planted in accordance with BS 3936 - Specification for Nursery Stock. Part 1 Trees and shrubs (1992) and Part 10 Ground cover plants (1989).
 - All trees to be supplied, planted and maintained in accordance with BS 8545:2014
 - Plants shall be planted in random fashion avoiding informal formal regimented lines at densities indicated in the schedule (except for specimens and formal hedges which are to be planted in positions and spacings shown on the drawing and schedule).
 - Native shrubs are to be planted in their species groups of 7.9 and 15.
 - Native hedges to be planted in accordance with the positions and spacings shown on the drawing and schedule.
 - All plants shall be watered to field capacity immediately after planting and mulched with 50mm depth of medium grade crushed mulch.
 - All trees to be double staked with cross bar and tied, using 1.5m long, 75mm diameter rounded tree stakes, 75mm brace, rubber tie and spacer block. Stakes not to extend more than 600mm above ground level.
 - Root barriers (ReRoot 1000 or equivalent) to be included adjacent to buildings and services where necessary.
 - Unless otherwise stated planting shall be carried out during the period of 1 November to 31 March when the ground is not frozen, or waterlogged. If planting is required outside this period agreement shall be sought and all bar root plants shall be substituted with container grown stock.
 - All planting and grass establishment / maintenance operations to be in accordance with BS 4428:1989 Code of practice for general landscape operations (excluding hard surfaces). Trees are to be established / maintained in accordance with BS8545.

SOFT WORKS

EXISTING TREES TO BE REMOVED

EXISTING TREES TO BE RETAINED
See tree survey for further information

TREES: 49m2
1m3 pit 1.1m by 1m deep with aeration pipe. Prior to backfilling base and sides of pit/ trench/ bed to be broken up to an additional depth of 150mm to facilitate drainage. Trees to be double staked and centrally tied specialist rubber tree tie at 1.2m. Backfill with imported good quality topsoil with an additional 200mm of PAS 100 compost and Slow release fertilizer: ENMAG CRF at 50g per m2 and finish worked surface with 50mm bark mulch cover. Root barriers to be used to contain roots as required near structures/ services.

SPECIES	LABEL	GIRTH	HEIGHT	CLEAR STEM	NUMBERS
Acer campestre	Ac	12-14cm	3.5-4.25m	1.8-2.1m clear stem	16no.
Alnus glutinosa	Al	12-14cm	3.5-4.25m	1.8-2.1m clear stem	4no.
Amerlanche lamerki	Al	12-14cm	3.5-4.25m	1.8-2.1m clear stem	4no.
Betula pendula	Bp	12-14cm	3.5-4.25m	1.8-2.1m clear stem	3no.
Carpinus betulus	Cb	12-14cm	3.5-4.25m	1.8-2.1m clear stem	1no.
Liriodendron tulipifera	Lt	12-14cm	3.5-4.25m	1.8-2.1m clear stem	2no.
Malus domestica sp.	Msp.	12-14cm	3.5-4.25m	1.8-2.1m clear stem	4no.
Prunus avium 'Pena'	Pa	12-14cm	3.5-4.25m	1.8-2.1m clear stem	2no.
Quercus robur	Qr	12-14cm	3.5-4.25m	1.8-2.1m clear stem	2no.
Sorbus aria	Sa	12-14cm	3.5-4.25m	1.8-2.1m clear stem	4no.
Sorbus aucuparia SP.	Sac	12-14cm	3.5-4.25m	1.8-2.1m clear stem	5no.

SHRUBS: 251m2
Ornamental Shrubs to be planted at 3-5per m2 in cultivated beds 450mm deep

Prior to backfilling add in 50mm PAS 100 compost (as specified) to base and backfill with imported good quality topsoil adding Slow release fertilizer: ENMAG CRF at 50g per m2. Finish surface with 50mm bark mulch cover.

SPECIMEN SHRUBS

Planted as above

SPECIES	SIZE	POT	NOTES
Buxus sempervirens	40-50cm	10L	Topiary ball
Cortaderia selloana Pumila	120cm	10L	Bushy
Cupressus 'Green Pencil'	120cm	10L	Topiary cone
Lauralis nobilis	80-100cm	10L	Topiary cone
Standard Rose	80-100cm	10L	Half standard

HEDGES:

Hedge to be planted in cultivated bed 450mm deep.

Prior to backfilling add in 50mm PAS 100 compost (as specified) to base and backfill with imported good quality topsoil adding Slow release fertilizer: ENMAG CRF at 50g per m2. Finish surface with 50mm bark mulch cover.

Planted at 450mm centres in a double staggered row. Rows to be 400mm apart.

HEDGE TYPE	SIZE	AGE	ROOT	LENGTH
Carpinus betulus (Hornbeam)	40-60cm	1+1	OG	50LinM
Native species rich	40-60cm	1+1	OG	205LinM

(Hawthorn, Blackthorn, Field Maple, Holly, Hazel, Guelder Rose & Spindle)

WILDFLOWER MEADOW: 105m2
To road verges and public open spaces
Seeded with EM2 - MEADOW MIXTURE FOR WETLANDS @ 5g/m2
Supplier: Emorsegate Seeds
Web: www.wildseed.co.uk

WETLAND SWALE MEADOW: 1350m2
To road verges and public open spaces
Seeded with EM2 - MEADOW MIXTURE FOR WETLANDS @ 4g/m2
Supplier: Emorsegate Seeds
Web: www.wildseed.co.uk

AMENITY GRASSLAND: 535m2
To road verges and public open spaces
Seeded with A19 (All purpose Landscaping) @ 50g/m2 (500kg/ha)
Supplier: Germinally Amenity
Web: germinallyamenity.com

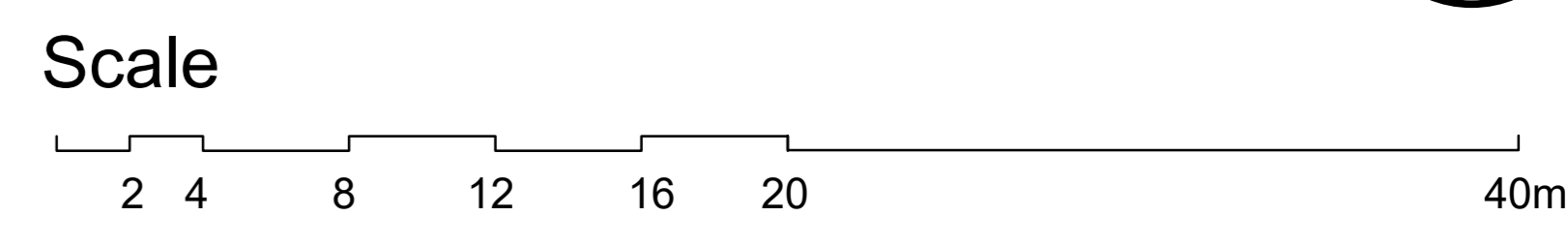
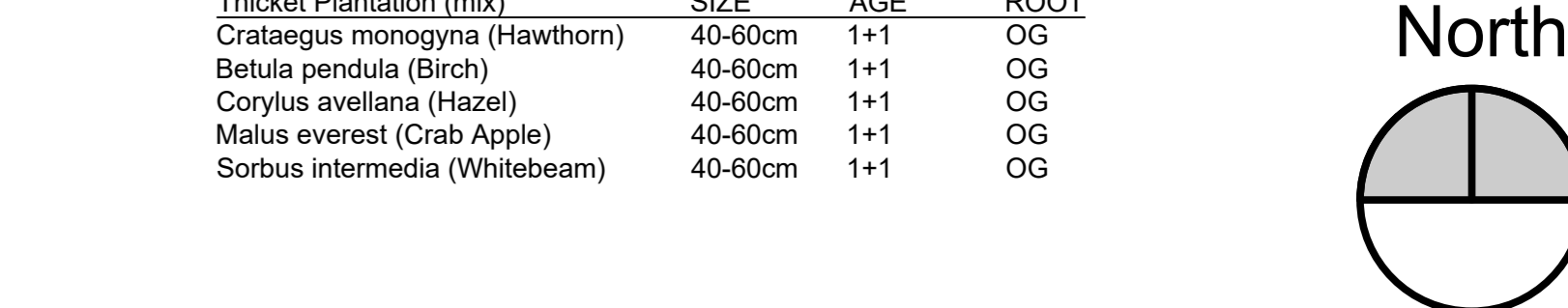
BACK GARDENS: 2070m2
To be turfed or seeded with Seeded with A19 (All purpose Landscaping) @ 50g/m2 (500kg/ha)
Supplier: Germinally Amenity
Web: germinallyamenity.com

NATIVE SCRUB PLANTATION: 225m2 to be planted in cultivated bed 450mm deep.

Prior to backfilling add in 50mm PAS 100 compost (as specified) to base and backfill with imported good quality topsoil adding Slow release fertilizer: ENMAG CRF at 50g per m2. Finish surface with 50mm bark mulch cover.

Planted in groups of 5 or 7 in random grid at 1m centres with rabbit guard

Thicket Plantation (mix)	SIZE	AGE	ROOT
Crataegus monogyna (Hawthorn)	40-60cm	1+1	OG
Betula pendula (Birch)	40-60cm	1+1	OG
Corylus avellana (Hazel)	40-60cm	1+1	OG
Malus everest (Crab Apple)	40-60cm	1+1	OG
Sorbus intermedia (Whitebeam)	40-60cm	1+1	OG



HARD LANDSCAPE

FLAG PAVING
Marshall's Saxon textured paving 600x450x50mm colour - natural laid stretcher bond according to manufacturer's recommendations

KERBS AND EDGINGS
Kerbs to be Marshall's Saxon concrete kerb 145 x 255mm, colour - Natural
Edgings to be Marshall's Saxon concrete edgings 150 x 63mm, colour - Natural

ROAD BANDS/ Rumble Strips 1.2m wide
Marshall's Tegula blocks, laid in stretcher courses 160mm gauge with random sizes
Colour: Harvest

PARKING COURTS/ DRIVEWAYS (PERMEABLE)
Marshall's prora Tegula blocks, laid in stretcher courses. White demarcation blocks
160mm gauge with random sizes
Colour: Pennant Grey

ASPHALT ROAD SURFACE
Installed with road gulleys to engineers specifications

ASPHALT FOOTPATH
To engineers specifications
Installed with 1:60 fall to road

CLOSEBOARD FENCE
1.8m high timber close-board fence with matching pedestrian gates to rear gardens

STONE WALLING
1.8m high coursed local ironstone boundary walling

SELF BINDING GRAVEL PATH
DDA compliant self binding gravel
Breedon Wayfarer gravel, installed to suppliers specifications with central camber @ 1:60
www.breedon-special-aggregates.co.uk

Notes:
This drawing is for planning purposes only. All quantities, dimensions and final settings are subject to detailed design and construction issue. Contractor to confirm, agree and obtain approval from Landscape Architect for all of the above prior to any ordering or works commencing.
Colour: Harvest
All details are for information/ pricing only and reliant on a sound and free-draining ground formation layer with a minimum of 5% GR. If there are concerns about the ground conditions notify Clewsla and engineers may need to be consulted to oversee a ground investigation.
Refer to NBS specifications for detailed hard landscape implementation methodology but assume all works will be carried out to a high standard in accordance with the relevant BS specifications.
All general works to be carried out BS 4428:1989 Code of practice for general landscape operations.
IF IN DOUBT ASK!

REV	DESCRIPTION	APP. DATE
01	Issue for Planning	12/12/2020

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Hempton Road site
DEDDINGTON

LANDSCAPE MASTERPLAN
HARD AND SOFT LANDSCAPE

DWG. NO: 20_218_01K

SCALE	DATE	STATUS	PLANNING	DESIGN	CC
1:2000AD	DEC 2020				