

Wildflower Meadow Mix

Landlife Wildflowers, LWBM Butterfly and Bee Wildflower Seeds (Sow @ 5g/sqm)

Total Area = 428.16 m² (0.043 ha). Total seed required = 2141 g (2.14 kg). Sown at 5g per m² in accordance with supplier's instructions

%	Latin name	Common name
1.0	Achillea millefolium	Yarrow
0.2	Agrimonia eupatoria	Agrimony
1.6	Agrostemma githago	Corn Cockle
0.4	Anthrillix vulneraria	Kidney Vetch
1.4	Borago officinalis	Borage
1.2	Centaurea cyanus	Corn Flower
1.2	Centaurea nigra	Common Knapweed
1.0	Centaurea scabiosa	Greater Knapweed
0.6	Digitalis purpurea	Wild Foxglove
0.4	Echium vulgare	Vipers Bugloss
0.2	Geranium pratense	Meadow Cranesbill
1.4	Knautia arvensis	Field Scabious
1.0	Leucanthemum vulgare	Oxeye Daisy - (Moon Daisy)
0.4	Lotus corniculatus	Birds Foot Trefoil
0.4	Lychnis flos-cuculi	Ragged Robin
0.2	Lythrum salicaria	Purple Loosestrife
1.0	Malva moschata	Musk Mallow
1.4	Onobrychis	Sainfoin
0.2	Origanum vulgare	Wild Marjoram
1.0	Papaver rhoeas	Common Poppy
1.4	Rhinanthus minor	Yellow Rattle
0.8	Salvia verbenaca	Wild Clary

Grasses

%	Latin name	Common Name
4.0	Agrostis capillaris	Common Bent
20.0	Cynosurus cristatus	Crested Dogstail
16.0	Festuca ovina	Sheep's Fescue
24.0	Festuca rubra	Slender-creeping Red-fescue
9.6	Pheum bertolonii	Smaller Cat's-tail
6.4	Pea pratensis	Smooth Stalked Meadow Grass

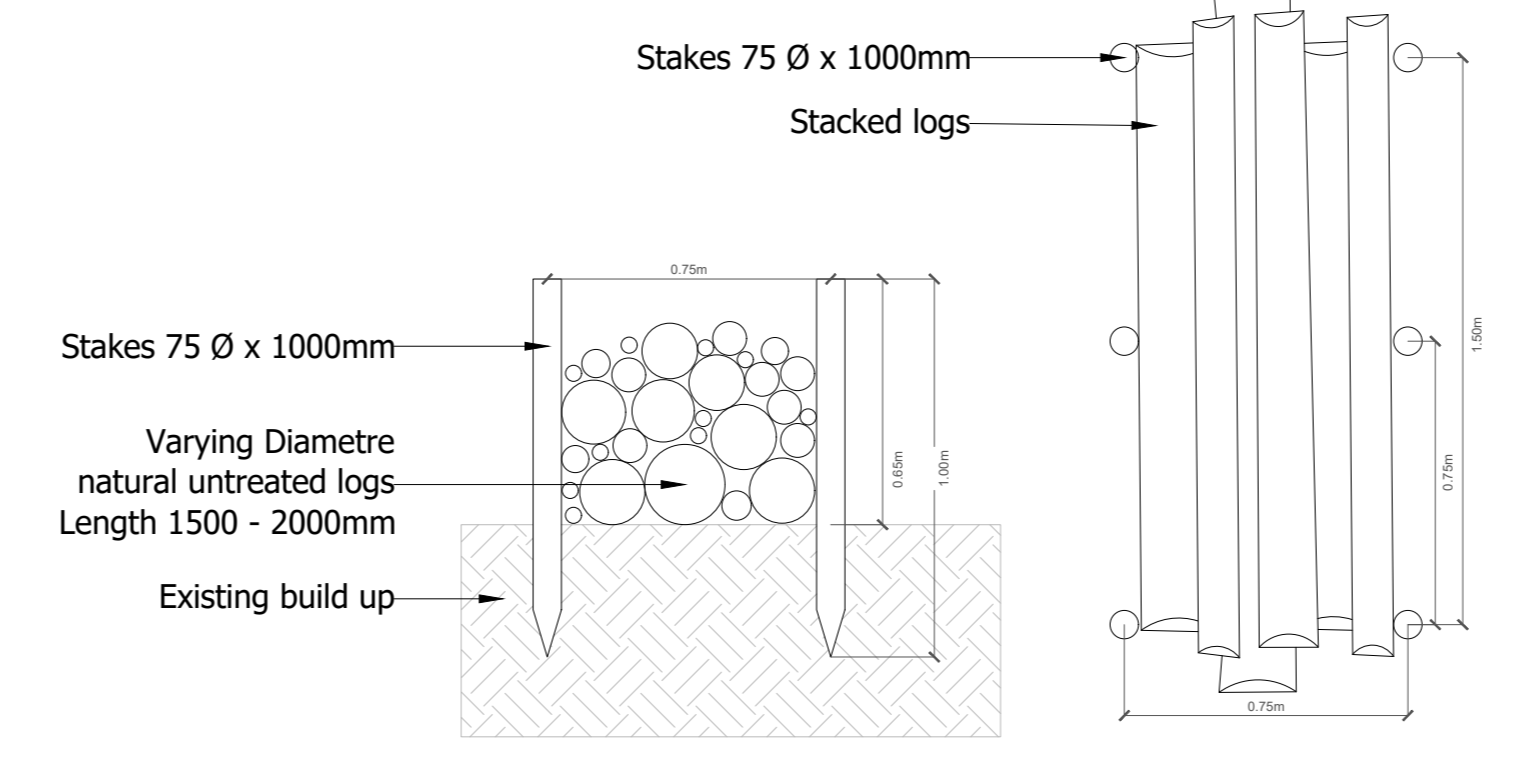
Shrub Planting

Block planting as shown on General Arrangement Plan.

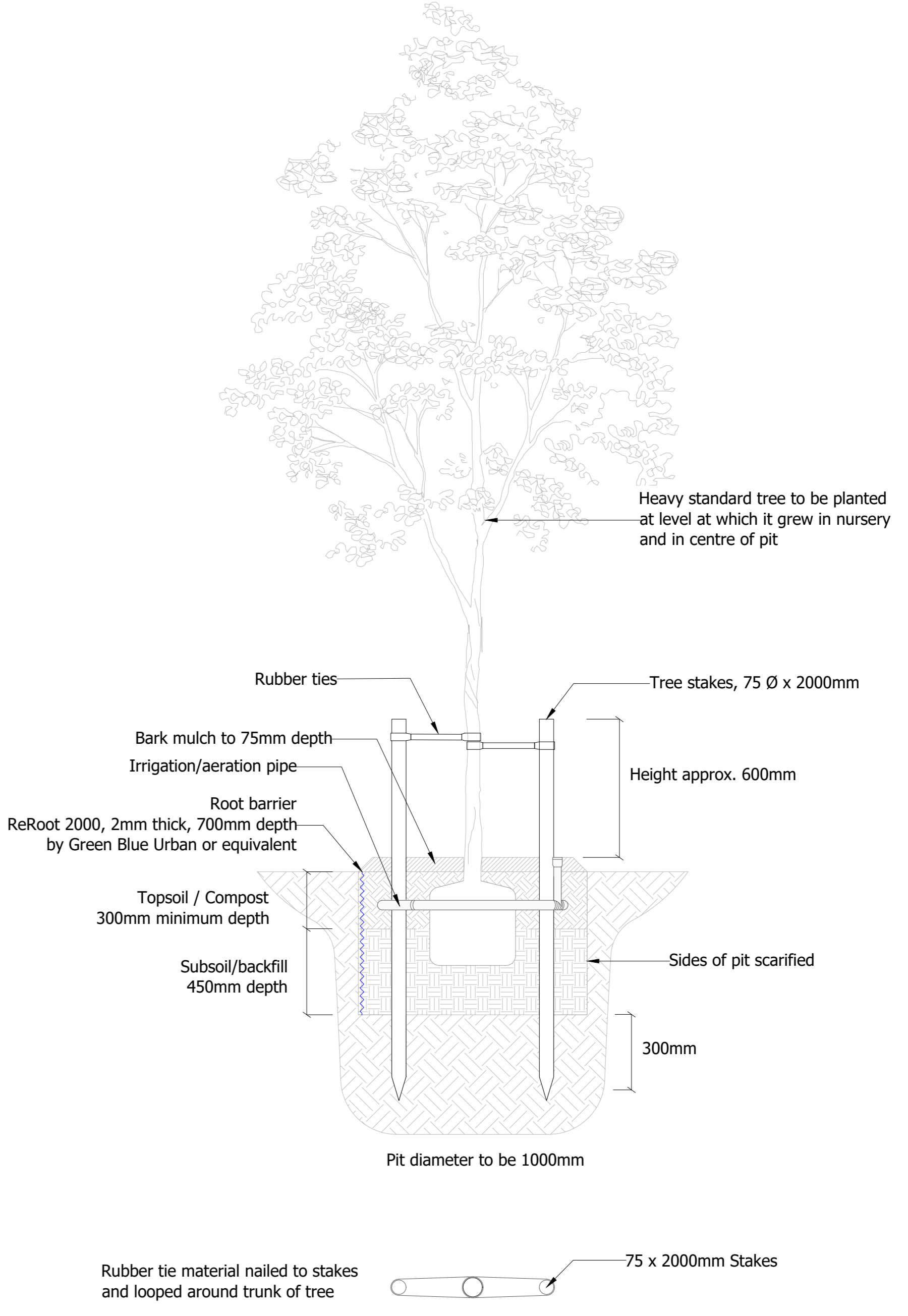
Quantity	Species Name	Common Name	Abbreviation	General Specification	No. of plants per m ²
7 No.	Bergenia cordifolia 'Purpurea'	Elephant's Ears 'Purple'	Bc	3L Container; Full Pot	5
14 No.	Cornus sanguinea 'Midwinter Fire'	Dogwood 'Midwinter Fire'	Cs	3L Container; Height 40-60cm; Branches; 3 breaks	3
9 No.	Euonymus fortunei 'Emerald-n-Gold'	Winter Creeper	Ef	3L Container; Height 20-25cm; Bushy; 7 breaks	3
8 No.	Geranium x oxianum 'French Cranesbill 'Wargrave Pink''	French Cranesbill 'Wargrave Pink'	Go	3L Container; Full Pot	4
9 No.	Pachysandra terminalis 'Variegata'	Variegated Japanese Spurge	Pt	2L Container; Several shoots; 6 breaks	4
Total: 47 No.					

Trees

Quantity	Species Name	Common Name	Abbreviation	General Specification	Height	Grth
4 No.	Malus tschonoskii	Pillar Apple	Ma ts	3x; Heavy Standard; clear stem 175-200cm; 5 breaks; Root Ball	400-450cm	12-14cm
4 No.	Prunus x schmitii	Flowering Cherry	Pr Sc	3x; Heavy Standard; clear stem 175-200cm; 5 breaks; Root Ball	350-425cm	12-14cm
Total: 8 No.						



Tree pit detail with stakes to support the tree



- ### KEY:
- Proposed Roundabout Kerb Line
 - Proposed Decorative Permeable Resin Bound Gravel (Maintenance Strip)
 - Proposed Wildflower Meadow
 - Proposed Trees
 - Proposed Shrub Planting
 - Proposed Contours
 - Proposed Insect Hotel
 - Proposed log pile
 - Proposed Sand Banks
 - To support solitary bees nesting, coarse sand, depth: 300mm
 - Proposed Root Barrier
 - To direct roots away from underground utilities

- ### PLANTING NOTES
- #### TREES
- Plant material to conform to the National Plant Specification. Plant handling and planting operations to be in accordance with HTA 'Handling and Establishing Landscape Plants', Parts 1-III.
 - In accordance with BS 3882:2015, topsoil depths should not exceed 300mm to top of planting areas. Remainder of rooting zones to be filled with suitably loosened subsoil.
 - Imported topsoil to BS 3882 general purpose grade and from an approved source. Soil pH 7.0. Topsoil to be free from excessive amount of weed seeds, roots of perennial weeds, subsoil and extraneous matter. Do not handle during or after heavy rainfall or when it is wetter than the plastic limit as defined by BS 3882, Annex N2.
 - Excavated topsoil to be free of perennial weeds, weed seeds and contamination and stone picked to remove any stones larger than 50mm prior to re-use. Excavated topsoil to be ameliorated and/or screened if necessary to achieve this specification.
 - Soil conditioner: Sanitized and stabilised compost to BSI PAS 100. Apply 75mm depth even coverage and incorporate into topsoil during cultivation operations, to a minimum depth of 150mm. Compost to be Compost Association certified, or conforming to the specification from an approved supplier.
 - Mulch planting beds with matured coniferous bark, with an even particle size between 5-35mm, to 75mm minimum depth over weed-free soil after completion of planting and watering.
 - Fork over the bottom of feathered tree pits to a depth of 200mm and leave slightly domed to assist drainage.
 - Tree pit design in accordance with BS 545: 2014. Pit dimension 1000mm diameter x 700mm depth. Trees to be supported by 2no. 75mm diameter tree stakes cut approximately 600mm above ground level and 2no. adjustable tree ties. All trees to be fitted with aeration/watering pipe and inlet. Backfill tree pits with excavated topsoil/compost.
 - Planting season: Late October to late March.
- #### SHRUB PLANTING
- All Planting Works shall be carried out in accordance with BS 4043, BS 4428 and BS 5837.
 - Container-grown plants may be planted at any time of year during favourable weather and soil conditions.
 - Cultivate the ground immediately prior to planting, to a minimum depth of 300 mm removing all live injurious weed roots and growth to a tip off site.
 - Sufficient soil shall be excavated from the bed. The plant shall be set in the centre of the plant position, showing its best side to the front. Finely broken back-fill material shall then be packed around the roots. The plants shall be gently shaken to allow fine soil to surround the roots. As soil is returned it shall be lightly consolidated and firmly heeled around the root-collar. Immediately after planting the soil surface shall be evenly graded. If required, the soil shall then be watered sufficiently.
 - Ensure the site is clean and remove any litter / arisings off site after planting completion.
 - Sow meadow grassland seed mixes into areas indicated in low nutrient soil, in accordance with supplier's recommendations, in autumn to reduce competition.
 - Sow into a clean seedbed that has been first cleared of all existing vegetation and weeds and then cultivated to produce optimum conditions for germination.
 - Unwanted vegetation can be cut back and removed from site or chopped up to be incorporated during cultivation.
 - Cultivate the soil to sufficient depth to bury remaining trash and to alleviate compaction, then rake or harrow and roll to produce a fairly fine, firm surface.
 - Extra attention is required in terms of seed bed preparation to encourage good establishment and to cultivate when soil moisture allows breakdown of the soil aggregates into a medium tilth.



- ### HEALTH AND SAFETY SYMBOLS LEGEND
- INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION
 - i INDICATES A RESIDUAL RISK REQUIRING INFORMATION
 - ⊘ INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION
 - ⚠ INDICATES A RESIDUAL RISK AREA WARNING
 - i POTENTIAL H+R RISK
 - ⚠ POTENTIAL CLASH WITH OVERHEAD CABLES WHIST MOVING OR PLANTING TREES
 - ⚠ UNDERGROUND UTILITIES THROUGHOUT THE SCHEME. RISK OF STRIKING UTILITIES WHEN EXCAVATING TO REMOVE EXISTING VEGETATION OR TO PLANT PROPOSED VEGETATION
 - ⚠ FALLING OF EXISTING TREE DUE TO LOCAL EXCAVATION
- Note: For Further Health and Safety Information see Designers Risk Management Schedule

CD	01/04/2022	HC	ISSUED FOR CONSTRUCTION	AK	MP
REV	DATE	BY	DESCRIPTION	Dk	APP
DRAWING STATUS: A - FIT FOR CONSTRUCTION					
wsp					
62-64 Hills Road, Cambridge, CB2 1LA, UK T: +44 (0) 1223 559 555 F: +44 (0) 1223 559 551 wsp.com					
CLIENT: GREATER CAMBRIDGE PARTNERSHIP					
PROJECT: MILTON ROAD DETAILED DESIGN					
TITLE: ELIZABETH WAY ROUNDABOUT LANDSCAPE GENERAL ARRANGEMENT					
SCALE: AS SHOWN	CHECKED: AK	APPROVED: MP			
PROJECT NO: 70056482	DESIGNED: AK	DRAWN: JDHG	DATE: March 22		
DRAWING NO: MILT-WSP-00-XX-DR-LA-003601	REV: C01				
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