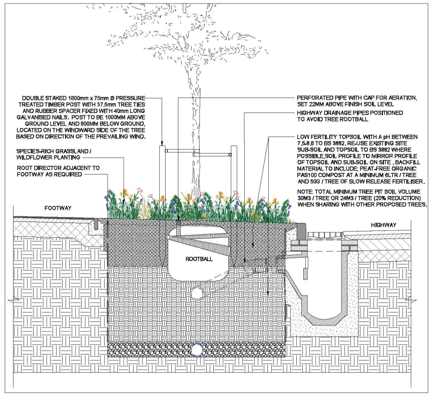
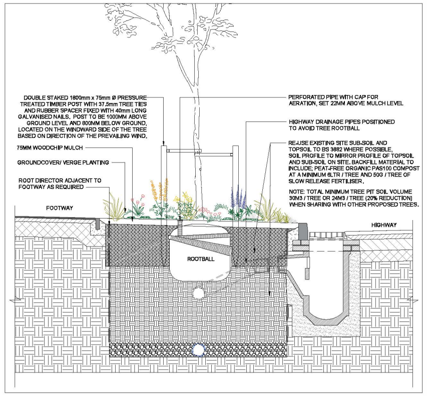
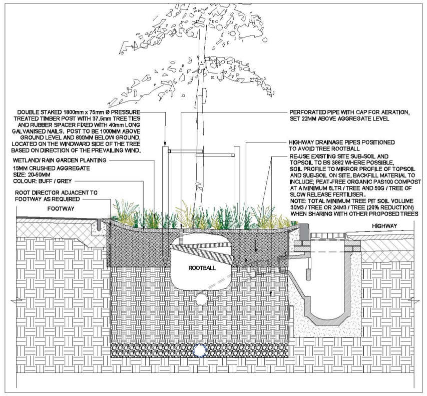

DOUBLE STAKED 1800mm x 75mm Ø PRESSURE TREATED TIMBER POST WITH 37,5mm TREE TIES AND RUBBER SPACER FIXED WITH 40mm LONG GALVANISED NAILS. POST TO BE 1000MM ABOVE GROUND LEVEL AND 800MM BELOW GROUND, LOCATED ON THE WINDWARD SIDE OF THE TREE BASED ON DIRECTION OF THE PREVAILING WIND.
SPECIES-RICH GRASSLAND / WILDFLOWER PLANTING
ROOT DIRECTOR ADJACENT TO FOOTWAY AS REQUIRED
FOOTWAY
PERFORATED PIPE WITH CAP FOR AERATION, SET 22MM ABOVE FINISH SOIL LEVEL
HIGHWAY DRAINAGE PIPES POSITIONED TO AVOID TREE ROOTBALL
LOW FERTILITY TOPSOIL WITH A pH BETWEEN 7,5-8,6 TO BS 3882. RE-USE EXISTING SITE SUB-SOIL AND TOPSOIL TO BS 3882 WHERE POSSIBLE,SOIL PROFILE TO MIRROR PROFILE OF TOPSOIL AND SUB-SOIL ON SITE . BACKFILL MATERIAL TO INCLUDE; PEAT-FREE ORGANIC PAS100 COMPOST AT A MINIMUM 6LTR / TREE AND 50G / TREE OF SLOW RELEASE FERTILISER.
NOTE: TOTAL MINIMUM TREE PIT SOIL VOLUME 30M3 / TREE OR 24M3 / TREE (20% REDUCTION) WHEN SHARING WITH OTHER PROPOSED TREES.
HIGHWAY
ROOTBALL

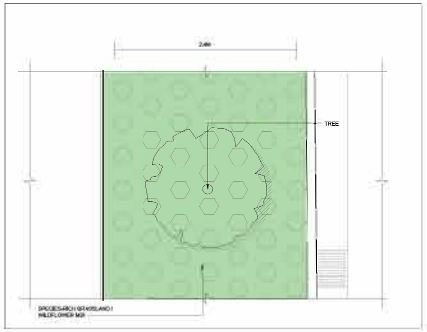
01 SPECIES-RICH GRASSLAND / WILDFLOWER PLANTING
FEATURETREE / STREETTREE PLANTING - TYPICAL SECTION DETAIL
SCALE 1:25 @ A0


DOUBLE STAKED 1800mm x 75mm Ø PRESSURE TREATED TIMBER POST WITH 37.5mm TREE TIES AND RUBBER SPACER FIXED WITH 40mm LONG GALVANISED NAILS. POST TO BE 1000MM ABOVE GROUND LEVEL AND 800MM BELOW GROUND, LOCATED ON THE WINDWARD SIDE OF THE TREE BASED ON DIRECTION OF THE PREVAILING WIND.
75MM WOODCHIP MULCH
GROUNDCOVER/ VERGE PLANTING
ROOT DIRECTOR ADJACENT TO FOOTWAY AS REQUIRED
FOOTWAY
PERFORATED PIPE WITH CAP FOR AERATION, SET 22MM ABOVE MULCH LEVEL
HIGHWAY DRAINAGE PIPES POSITIONED TO AVOID TREE ROOTBALL
RE-USE EXISTING SITE SUB-SOIL AND TOPSOIL TO BS 3882 WHERE POSSIBLE, SOIL PROFILE TO MIRROR PROFILE OF TOPSOIL AND SUB-SOIL ON SITE. BACKFILL MATERIAL TO INCLUDE; PEAT-FREE ORGANIC PAS100 COMPOST AT A MINIMUM 6LTR / TREE AND 50G / TREE OF SLOW RELEASE FERTILISER.
NOTE: TOTAL MINIMUM TREE PIT SOIL VOLUME 30M3 / TREE OR 24M3 / TREE (20% REDUCTION) WHEN SHARING WITH OTHER PROPOSED TREES.
HIGHWAY
ROOTBALL

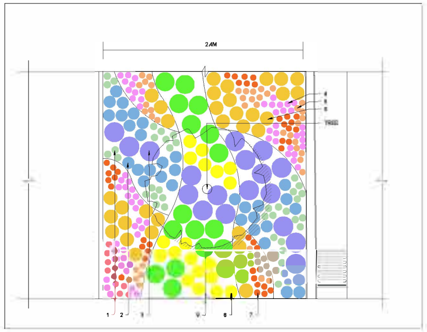
02 GROUNDCOVER/ VERGE PLANTING
FEATURETREE / STREETTREE PLANTING - TYPICAL SECTION DETAIL
SCALE 1:25 @ A0


DOUBLE STAKED 1800mm x 75mm Ø PRESSURE TREATED TIMBER POST WITH 37.5mm TREE TIES AND RUBBER SPACER FIXED WITH 40mm LONG GALVANISED NAILS. POST TO BE 1000MM ABOVE GROUND LEVEL AND 800MM BELOW GROUND, LOCATED ON THE WINDWARD SIDE OF THE TREE BASED ON DIRECTION OF THE PREVAILING WIND.
WETLAND/ RAIN GARDEN PLANTING
15MM CRUSHED AGGREGATE
SIZE: 20-50MM
COLOUR: BUFF / GREY
ROOT DIRECTOR ADJACENT TO FOOTWAY AS REQUIRED
FOOTWAY
PERFORATED PIPE WITH CAP FOR AERATION, SET 22MM ABOVE AGGREGATE LEVEL
HIGHWAY DRAINAGE PIPES POSITIONED TO AVOID TREE ROOTBALL
RE-USE EXISTING SITE SUB-SOIL AND TOPSOIL TO BS 3882 WHERE POSSIBLE, SOIL PROFILE TO MIRROR PROFILE OF TOPSOIL AND SUB-SOIL ON SITE. BACKFILL MATERIAL TO INCLUDE; PEAT-FREE ORGANIC PAS100 COMPOST AT A MINIMUM 6LTR / TREE AND 50G / TREE OF SLOW RELEASE FERTILISER.
NOTE: TOTAL MINIMUM TREE PIT SOIL VOLUME 30M3 / TREE OR 24M3 / TREE (20% REDUCTION) WHEN SHARING WITH OTHER PROPOSED TREES
HIGHWAY
ROOTBALL

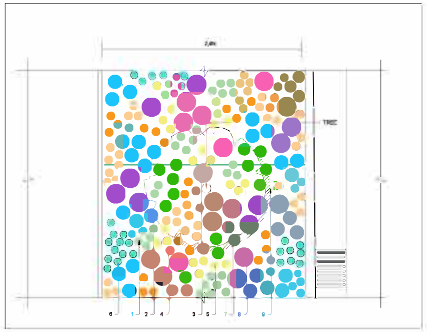
03 WETLAND/ RAIN GARDEN PLANTING
FEATURE TREE / STREET TREE PLANTING - TYPICAL SECTION DETAIL
SCALE 1:25 @ A0



04 SPECIES-RICH GRASSLAND / WILDFLOWER PLANTING
TYPICAL PLANTING PLAN DETAIL
SCALE 1:25 @ A0



05 GROUNDCOVER/ VERGE PLANTING
TYPICAL PLANTING PLAN DETAIL
SCALE 1:25 @ A0



06 WETLAND/ RAIN GARDEN PLANTING
TYPICAL PLANTING PLAN DETAIL
SCALE 1:25 @ A0

PLANTING SCHEDULE

Species rich Grassland / Wildflower Mix

Botanical name	Common name	MIX (%)
Wild flowers		20%
Achillea millefolium	Yarrow	1.2
Centaurea scabiosa	Greater Knapweed	0.4
Centaurea nigra	Common Knapweed	1.5
Filipendula ulmaria	Meadowsweet	0.2
Galium album	Hedge Bedstraw	0.8
Galium verum	Lady's Bedstraw	1.2
Malva moschata	Musk Mallow	2.4
Leucanthemum vulgare	Oxeye Daisy	0.4
Plantago lanceolata	Ribwort Plantain	2
Primula veris	Cowslip	0.2
Ranunculus acris	Meadow Buttercup	1
Rhinanthus minor	Yellow Rattle	1
Chaerophyllum temulum	Rough Chervil	0.5
Lotus corniculatus	Birdsfoot Trefoil	0.3
Silene flos-cuculi	Ragged Robin	0.4
Silene dioica	Red Campion	1.4
Echium vulgare	Viper's-bugloss	0.4
Plantago media	Hoary Plantain	1
Agrimonia eupatoria	Agrimony	0.2
Poterium sanguisorba	Salad Burnet	2
Daucus carota	Wild Carrot	0.4
Knautia arvensis	Field Scabious	0.2
Cruciata laevipes	Crosswort	0.2
Geranium dissectum	Cut-leaved Crane's-bill	0.1
Lathyrus pratensis	Meadow Vetchling	0.2
Anthyllis vulneraria	Kidney Vetch	0.4
Geranium pratense	Meadow Crane's-bill	0.2
Grasses		80%
Agrostis capillaris	Common Bent	8
Cynosurus cristatus	Crested Dogstail	28
Festuca rubra	Red Fescue	24
Phleum bertolonii	Smaller Cat's-tail	4
Poa pratensis	Smooth-stalked Meadow-grass	16

Note: EM3 Special General Purpose Meadow Mixture By Emorsgate Seeds or acceptable equivalent. Sow at rate of 4g/m2

PLANTING SCHEDULE

Groundcover Verge Planting

Colour No.	Botanical name	Common name	Specification	Density / Grouping	MIX (%)
	Shrub Species				50%
1	*Gaultheria procumbens*	Wintergreen	5ltr pot	3/m2 in groups of 3 & 5	20
2	*Rubus tricolor*	Groundcover bramble	3ltr pot	5/m2 in groups of 5,7,9	15
3	*Viburnum davidii*	David viburnum	5ltr pot	3/m2 in groups of 3,5,7	15
	Herbaceous Perennial Species				25%
4	*Ajuga reptans*	Bugleweed	3ltr pot	7/m2 in groups of 5,7,9,1	8
5	*Asarum europaeum*	European wild ginger	3ltr pot	7/m2 in groups of 5,7,9,1	9
6	*Pachysandra terminalis*	Japanese Spurge	3ltr pot	7/m2 in groups of 5,7,9,1	8
	Ornamental Grass Species				25%
7	[illegible]	[illegible]	3ltr pot	3/m2 in groups of 3,5,7	8
8	*Panicum virgatum*	Switchgrass	5ltr pot	5/m2 in groups of 3,5,7	10
9	*Stipa tenuissima*	Mexican feathergrass	5ltr pot	5/m2 in groups of 3,5	

PLANTING SCHEDULE

Wetland / Rain Garden Mix

Colour No.	Botanical name	Common name	Specification	Density / Grouping	Mix (%)
	Herbaceous Perennial Species				
1	*Ajuga reptans*	Bugleweed	2ltr pot	7/m2 in groups of 3,5,7	10
2	*Bergenia cordifolia*	Heart-leaved bergenia	3ltr pot	3/m2 in groups of 3&5	12.5
3	*Geranium macrorrhizum*	Big root cranesbill	3ltr pot	3/m2 in groups of 1&3	10
4	*Iris pseudacorus*	Yellow iris	2ltr pot	7/m2 in groups of 3.5.7	12.5
5	*Mentha aquatica*	Water mint	3ltr pot	5/m2 in groups of 3&5	10
6	*Primula Candelabra hybrids*	Candelabra primula	9cm pot	7/m2 in groups of 9.11 13	10
	Ornamental Grass Species				
7	*Acorus gramineus*	Japanese sweet flag	2ltr pot	7/m2 in groups of 3,5,7	10
8	*Briza media*	Common quaking grass	3ltr pot	3/m2 in groups of 1&3	10
	Bulb Species				
9	*Narcissus jonquilla*	Jonquil	6/8cm	7/m2 in groups of 3,5,7	15

AECOM

PROJECT

Brookleigh - Northern Arc avenue Central Section

CLIENT

Homes England

CONSULTANT

AECOM
1 Wellbrook Way, Girton,
Cambridge CB3 0NA
United Kingdom
+44(0)1223 551800
www.aecom.com

GENERAL NOTES

1- Donot scale from the drawing.
2-This drawing should be read in conjunction with all relevant documentation, drawings and standard details.
3- Conflicting information shown on the Engineer's drawingsor discrepanciesbetweenthe information given by the Engineer and that provided by othersmust be referred to the Engineer before the works commence.
4- Temporary works design associated with the Construction of the works shall be responsibility of the contractor.
5- Forfinish surface, hard landscape proposals, referto associated Highways General Arrangement drawings: 60610807-ACM-CS-ZZ-DR-HW-00-0101 - 60610807-ACM-CS-ZZ-DR-HW-00-0115.
6- Permeability and porosity values of the subsoil must be in accordance withthe acceptable valuesprovided on the Engineer'sdrawings
7- Drawings to be readin colour.

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P04	24/02/2026	PLANTING REVISION
P03	16/12/2024	REVISION 2
P02	08/12/2023	REVISION 1
P01	27/11/2023	PLANNING

KEY.

LAYOUT SIZE A0

PROJECT NUMBER

60610807

SHEET TITLE

PLANTING DETAILS 1 OF 1

SHEET NUMBER

60610807-ACM-CS-ZZ-DR-LA-0410

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

Printed on ___% Post-Consumer Recycled Content Paper