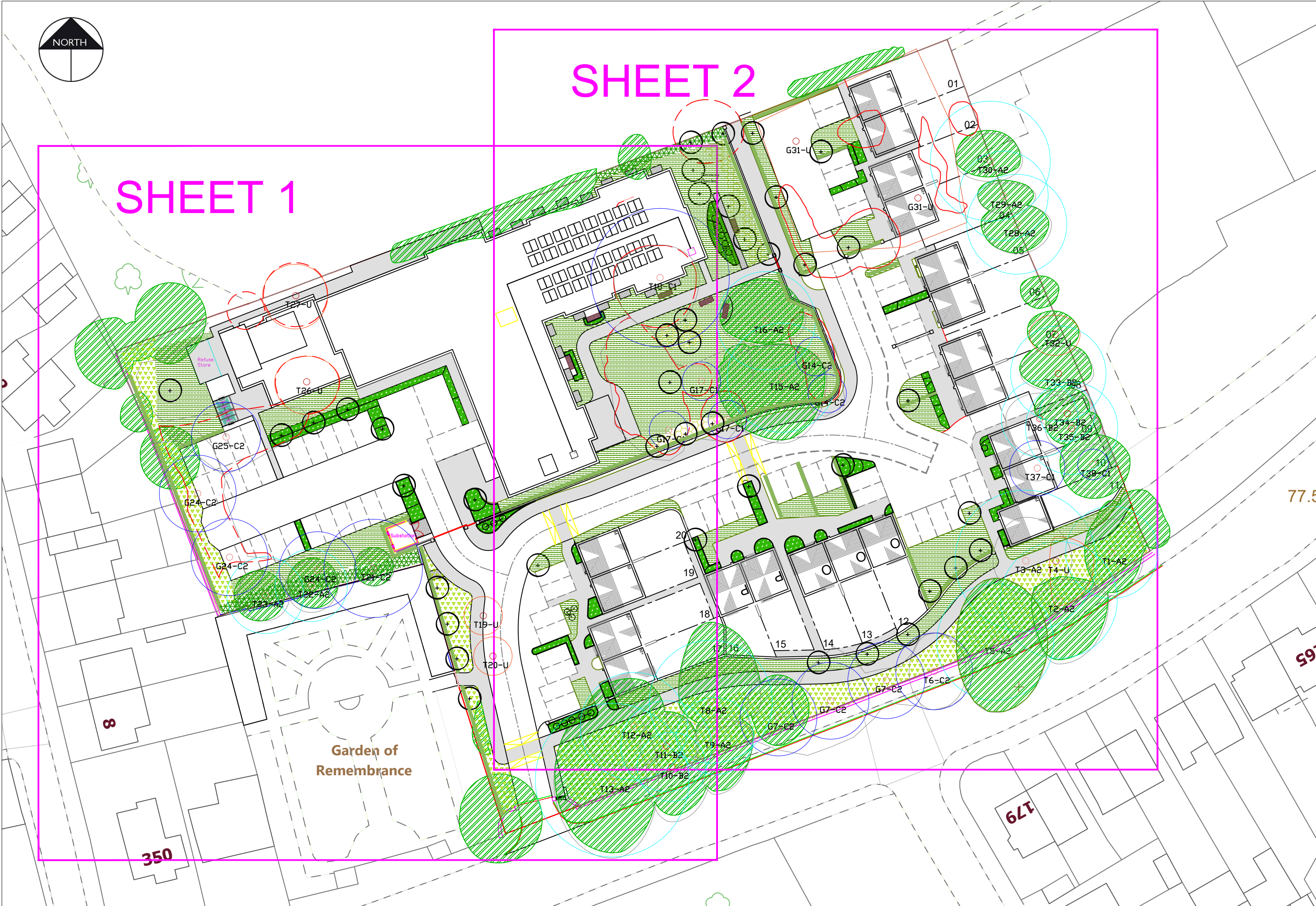




SPECIFICATION NOTES

- 1. General**
This plan to be read in conjunction with any other supporting documents such as Arboricultural and Ecology Reports
- 2. General Landscaping**
Existing levels to be preserved around retained existing trees and vegetation. Existing trees and vegetation to be retained are to be protected in accordance with BS5837:2012 during construction. Proposed planting under existing trees subject to sufficient space in root areas.
- 3. Preparation of Planting Beds**
- Rubbish, concrete, metal, glass, decayed vegetation are to be removed and disposed of off site.
 - Stones with the largest dimension exceeding 40mm are to be removed from planting beds and disposed of off site.
 - Substances injurious to plant growth including subsoil, rubble, fuel and lubricants should be removed and disposed of off site.
 - Remove any existing weed growth.
 - Areas of large root are to be grubbed up without undue disturbance of surrounding soil and adjacent areas.
 - All site preparation, planting and maintenance to comply with BS 4429
- 4. Topsoil**
Imported topsoil to be a good quality loam to BS 3882:2015. All topsoil areas shall be thoroughly cultivated by hand or suitable machinery to the full depth of the topsoil layer, incorporating ameliorant's as specified and/or as indicated by analysis and/or as directed by the Landscape Architect. Hand cultivation's shall be carried out to achieve the required finish on areas where machine cultivation is impossible i.e adjacent to kerbs, manholes and footpath junctions etc. Surplus plant matter, rubbish and surface stones having any dimension greater than 25 mm shall be collected and removed from the site. Existing topsoil to be stripped and re-used if suitable as per specification. All work to be carried out in line with BS 3882:2015 and DEFRA Construction Code of Practice for the Sustainable Use of Soils on Construction Sites (2009).
- 5. Plants**
General plant stock to conform to BS 3936, advanced nursery stock and planting to BS 4428. 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 rts 1-4 'Specification of Nursery Stock'). All planting operations to be in general compliance with BS4428: 1989 'Code of Practice for general landscape operations (excluding hard surfaces)'.

Carry out all planting while soil and weather conditions are suitable:
- Do not plant during periods of frost or strong winds. Plant only during the following periods:
 - Container grown and root ball plants: At any time if ground and weather conditions are favourable. Ensure that adequate watering and weed control is provided
 - Bare Root stock to be planted November to March.
- All plants to be planted in cultivated planting beds at densities shown in plant schedule, in pits of min. size 0.3m x 0.3m x 0.3m deep so as to accommodate full root spread, backfilled with 80% clean topsoil and 20% compost and 20g granular fertilizer. All shrub beds to be in min. 450mm good quality, well prepared topsoil.

See Plant Schedule for species palette. Bed composition, arrangement and setting-out to be approved by Landscape Architect before work commences. Topsoil depth to be 450mm for shrub planting and 150mm for grass.

Native Hedgerow - Stock to be planted in double rows, 5 per linear metre. Trees to be protected with a 600mm spiral rabbit guard and staked. To be kept free of weeds during establishment using secured mulch matting. Bare root plants to be notch planted to depth of root collar in accordance with BS4428.

6. Trees
Trees shown on plan to be planted with species as labelled or similar approved. Do not substitute species, variety and form or reduce the specified number/density of plants without prior agreement. Note sizes shown are minimum. All trees to be planted in pits 2m x 2m x 1m deep, backfilled with 80% clean topsoil with 15% peat free tree and shrub planting compost and 5% Tree Growth Enhancer 'GroChar', including 100g granular fertilizer. Base of pit to be filled with a Terram Geotextile layer on 150mm drainage layer consisting of 20mm nominal size free draining pea gravel. Where necessary, cellular support systems and root protectors may be required. Water-in heavily after planting and surface bark chippings 75mm depth. All trees to be triple staked with timber cross bar and soft ties. Any necessary tree works are to be carried out by an approved tree surgeon to BS 3998. All trees to be protected with 600mm spiral rabbit guard. All work to be carried out in line with BS 3882:2015 and DEFRA Construction Code of Practice for the Sustainable Use of Soils on Construction Sites (2009).

7. Mulch
General purpose mulch prepared in accordance with PAS 100. All planting areas and tree pits to be mulched with 75mm (settled depth) bark mulch. Sample of mulch to be approved by Landscape Architect.

8. Grass
Turbing and seeding shall be carried out during appropriate seasons and while soil and weather conditions are suitable for the relevant operations. Hand tools shall be used around trees, plants and in confined spaces where it is impractical to use machinery. The soil shall be weeded free prior to turbing. Turf shall be laid on prepared, levelled soil (minimum 150mm depth) in the areas indicated on the drawings and laid in accordance with BS 3969:1998+A1:2013.

9. Replacement of trees and vegetation
The contractor shall replace all plants/trees that have failed to thrive (show growth or display foliage) during the growing season after planting (including plants damaged during maintenance operations). Replacements to match original specification or similar size/species approved by the Landscape Architect. In particular, if any of the boundary vegetation, including those marked for retention, are to be replaced with similar size and species if they die within 5 years.

PLANTING SCHEDULE						
TREES						
Qty	Code	Name	Girth	Height cm	Specification	
3	Ac	Acer campestre	10-12	300-350	RB 2x; Heavy Standard; clear stem minimum 175-200cm; 4 breaks	
7	Ap	Acer campestre 'Streetwise'	10-12	300-350	RB 2x; Heavy Standard; clear stem minimum 175-200cm; 4 breaks	
3	Ab	Amelanchier 'Ballerina'	10-12	300-350	RB 2x; Heavy Standard; clear stem minimum 175-200cm; 4 breaks	
3	Bp	Betula pendula	10-12	300-350	RB 2x; Heavy Standard; clear stem minimum 175-200cm; 4 breaks	
5	Bu	Betula utilis jacquemontii	20-25	500-550	RB 3x; Semi-mature; clear stem minimum 200cm	
1	Cb	Carpinus betulus	10-12	300-350	RB 2x; Heavy Standard; clear stem minimum 175-200cm; 4 breaks	
2	Cf	Carpinus betulus 'Frans Fontaine'	10-12	300-350	RB 2x; Heavy Standard; clear stem minimum 175-200cm; 4 breaks	
1	Ls	Liquidambar styraciflua 'Lane Roberts'	20-25	500-550	RB 3x; Semi-mature; clear stem minimum 200cm	
3	Md	Malus 'Rudolph'	14-16	400-450	RB 3x; Extra heavy standard; clear stem minimum 175-200cm; 5 breaks	
3	Pa	Prunus avium	10-12	300-350	RB 2x; Heavy Standard; clear stem minimum 175-200cm; 4 breaks	
4	Pc	Pyrus calleryana 'Chanticleer'	10-12	300-350	RB 2x; Heavy Standard; clear stem minimum 175-200cm; 4 breaks	
3	Sa	Sorbus aucuparia	10-12	300-350	RB 2x; Heavy Standard; clear stem minimum 175-200cm; 4 breaks	
1	Tc	Tilia cordata 'Greenspire'	10-12	300-350	RB 2x; Heavy Standard; clear stem minimum 175-200cm; 4 breaks	

HEDGES						
Length (Lin M)	No. Of Plants	Code/Species	Size in cm	Root / Pot size	Final Height	Density / Spacing
75	375	H1 / Prunus lusitanica	60-80	5L Pot	1m	5no. Linear m
19	95	H2 / Elaeagnus ebbingei	60-80	5L Pot	1.2m	5no. Linear m

SHRUBS						
Shrub bed composition to be laid out and agreed with Landscape Architect prior to planting						
Qty	Abbrev.	Name	Rate / m2	Height	Container Size	Specification
49	ABE GRA	Abelia grandiflora	5	30-40	3L	Bushy; 3 breaks
151	BUX SEM	Buxus sempervirens	5	30-40	3L	Bushy; 6 breaks
86	CHO AZT	Choisyia Aztec Pearl	5	30-40	3L	Bushy; 5 breaks
32	CHO TER	Choisyia ternata	5	30-40	3L	Bushy; 4 breaks
55	HEB ORM	Hebe 'Great Orme'	5	30-40	3L	Bushy; 5 breaks
124	HEB SUT	Hebe pinguifolia 'sutherlandii'	5	20-30D	3L	Bushy; 5 breaks
49	HEB RAK	Hebe rakaiensis	5	20-30D	3L	Bushy; 5 breaks
116	HYD ANA	Hydrangea arborescens 'Annabelle'	5	40-60	3L	Branched; 3 breaks
33	LAV HID	Lavandula angustifolia 'Hidcote'	5	20-30	3L	Bushy; 5 breaks
5	PHO BRO	Phormium 'Bronze baby'	As shown	30-40	3L	7 leaves
148	PHO ROB	Photinia 'Red Robin'	5			Branched; 4 breaks
13	PHO SUN	Phormium 'Sundowner'	As shown	40-60	2L	5 leaves
80	SAR CON	Sarcococca confusa	5	20-30	3L	Bushy; 6 breaks
47	SKI KEW	Skimmia x confusa 'Kew Green'	5	30-40	3L	Bushy; 3 breaks
65	VIB DAV	Viburnum davidii	5	20-30	3L	Bushy; 3 brks
20	VIN MN	Vinca minor				

Wildflower Meadow Planting			
Code	Area (m2)	Seed Mix Specification	Sowing Rate (g/m ²)
WFM1	1034	Emorsgate EM3 Special General Purpose Meadow Mixture	Suppliers recommendations - 4g/m2

MNH - Mixed Native Hedge						
Total Length On Site 161 Lin m						
No. of Plants	% Mix	Species	Size in cm	Root Cond.	Density / Spacing	Specification
805	MNH	Mixed Native Hedge				
121	35	Crataegus monogyna	60-90	B	5/m	Transplant (seed-raised), 1+1
121	10	Corylus avellana	60-90	B	5/m	Transplant (seed-raised), 1+1
121	10	Ilex aquifolium	40-60	2L	5/m	Leader with laterals
81	35	Prunus spinosa	60-90	B	5/m	Transplant (seed-raised), 1+1
81	10	Sorbus torminalis	60-90	B	5/m	Transplant (seed-raised), 1+1

Bulb Planting			
Code	Area	Bulb species Specification	Density
B1	58	Narcissus pseudonarcissus - Grade 4/5	20/m2
B2	83	Galanthus navalis - Grade 4/5	30/m2

NWP - Native Whip Planting (random mix 1 per m ²)						
Total Area On Site (m ²) = 155m2						
155						
Qty	% Mix	Name	Size cm	Root	Density	Specification
31	20	Corylus avellana	60-90	B	1/m ²	Transplant (seed-raised), 1+1
23	15	Crataegus monogyna	60-90	B	1/m ²	Transplant (seed-raised), 1+1
16	10	Ilex aquifolium	40-60	2L pot	1/m2	Leader with laterals
16	10	Sorbus aucuparia	60-90	B	1/m2	Transplant (seed-raised), 1+1
23	15	Prunus spinosa	60-90	B	1/m ²	Transplant (seed-raised), 1+1
23	15	Rosa canina	60-90	B	1/m2	Transplant (seed-raised), 1+1
23	15	Viburnum opulus	60-90	B	1/m2	Transplant (seed-raised), 1+1

P2	12.05.25	Import AIA and new layout	PGG
P1	12.03.25	Initial Issue	KLJ

Rev	Date	Description	Initials
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Client			
MULLER PROPERTY GROUP			
Project			
PARKFIELD, MIDDLETON			
Description			
PLANTING PLAN, SCHEDULE & SPECIFICATION NOTES			
Status			
FOR PLANNING			
Scale	Drawn	Checked	Date
NTS@A1	KLJ	PGG	MAR 2025
Job number	Drawing number	Revision	
MID2502	PP01.00	P2	