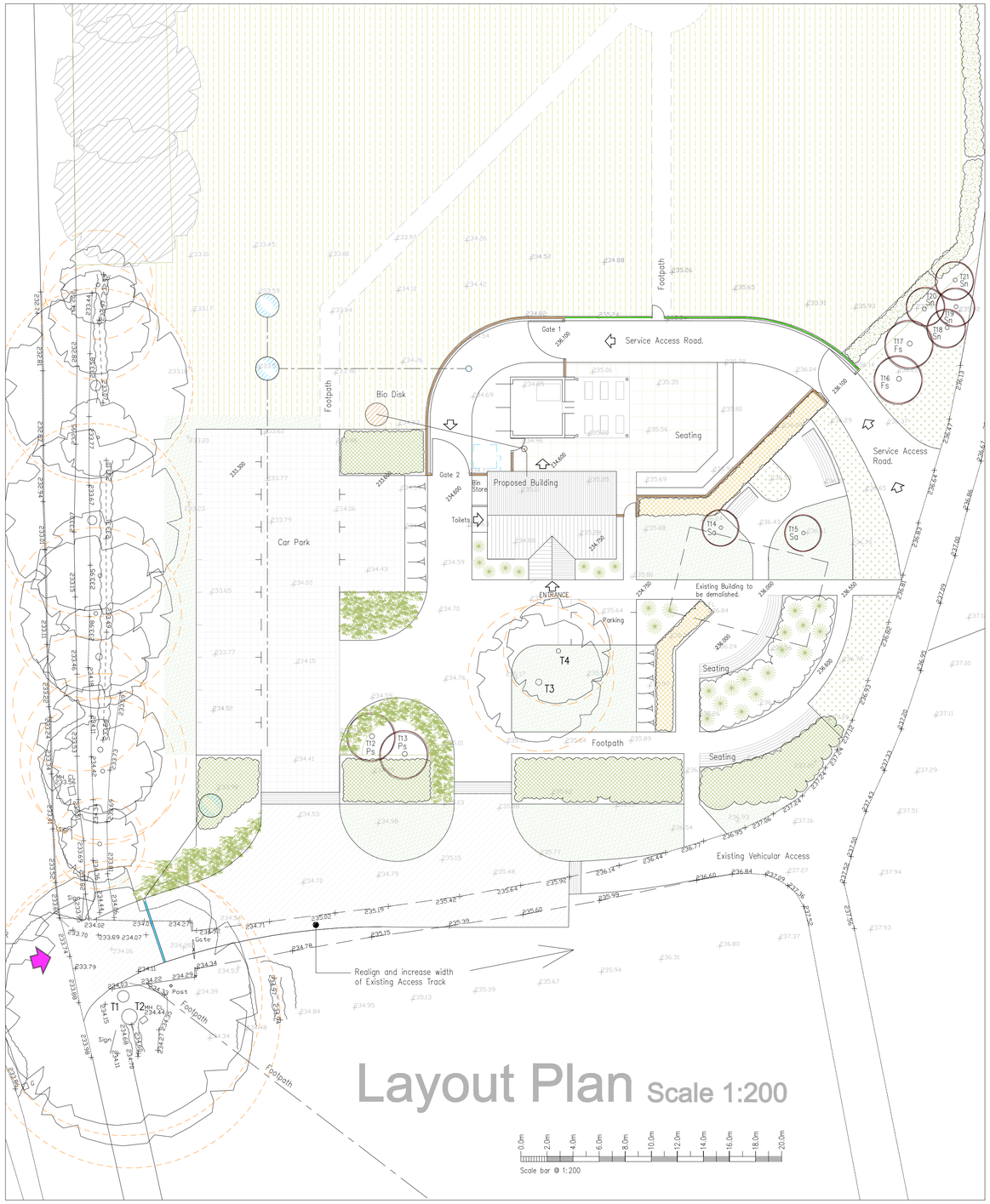




Indicative illustration Fig.1

GATES & FENCE
Typical detail of gates and willow fencing.



Indicative illustration Fig.2

FEDGE
Living woven willow screen.

KEY:

PARKING AREA:
Cellpave 40 grass or similar.

ACCESS CROSSING:
Tarmaccadam surface to realigned access road.

EXISTING BUILDING: (To be Demolished).
Footprint=76M² Volume=266M³ Max. Ht=4184

PROPOSED BUILDING:
Footprint=66.6M² (Excluding Entrance Roof)
Volumen=196M³ (Excluding Entrance Roof). Max.Ht=4100

VEHICULAR ACCESS:
Existing vehicular access off Ludlow Lane.

SITE LEVELS:
Existing (See drawing 1644-01).
Proposed site levels.

SEATING:
Solid Rustic Oak Benching.

FENCE: (See Illustration Fig.1)
1800mm high continuous hand woven willow fencing.

FEDGE: (See Illustration Fig.2)
Living willow woven screen.

STORM DRAINAGE:
Aco drainage channel.

Storm Soakaway to approved doc. H2. designed to guidance of BRE 365.

RAINWATER HARVESTING.
5000 Litre Rainwater storage tank.

FOUL DRAINAGE:
Foul drainage to BS EN 295 1991 pt1. discharging to Klargester BA Bio Disk

GRASSED AREA:
(See Turfing specification)

GRASSLAND:
Areas of wildflower meadow.

Areas to be rotation managed to create traditional hay meadow.

A — AREA A – Human natural burial.
B — AREA B – Meadow
C — AREA C – Pet cremation remains.
D — AREA B – Meadow

Public Footpath

Maintained mown pathways.

TREES TO BE PLANTED:
(Native Trees-See Schedule)

EXISTING TREES: as surveyed.
To be retained.

EXISTING TREES: Indicative layout Scotts Pine & Beech. All existing trees to be retained. Existing Laurel to be removed and replaced with Native shrub mix.

ADDITIONAL SHRUB PLANTING:
Native shrub mix. (See Schedule)

HEDGE:
Green Beech (Fagus sylvatica-See Schedule)

NATIVE MIX HEDGE:
(See Schedule)

SPECIMEN SHRUB PLANTING:
(See Schedule)

LOW LEVEL PLANTING:
(Ground cover & bulb planting -See Schedule)

NEW HEDGE:				
Hawthorn (Crataegus Monogyna)	BR	400-600 HT	480No
Dog Rose (Rosa Canina)	BR	400-600 HT	32No
Blackthorn (Prunus Spinosa)	BR	400-600 HT	80No
Field Maple (Acer Campestre)	BR	400-600 HT	64No
Bird Cherry (Prunus Padus)	BR	400-600 HT	32No
Hazel (Corylus Avellana)	BR	400-600 HT	64No
Native hedge mix planted at 250mm cts in staggerd double rows approx. 8 plants per lm.			

NEW HEDGE:			
Green Beech (Fagus sylvatica)	CG	400-600 HT	720No
Hedge to be planted at 450mm cts in staggerd double rows 380mm apart, approx. 6 plants per lm.			

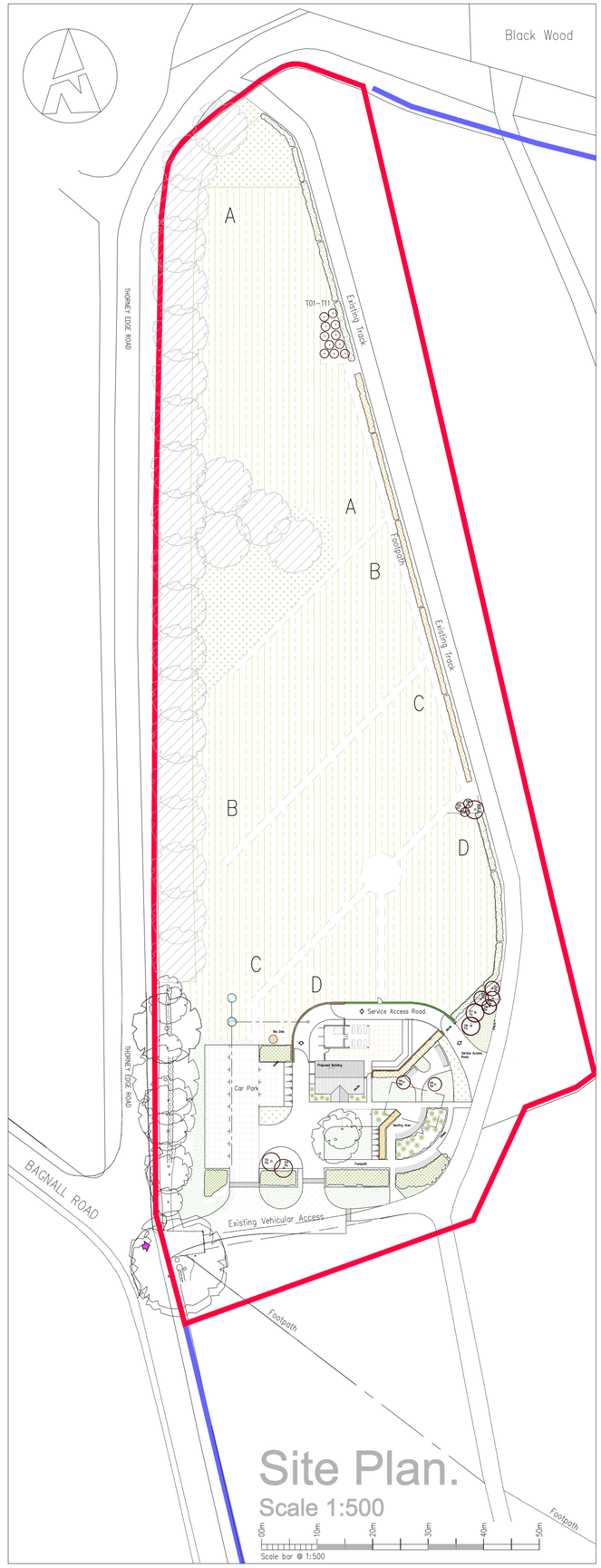
GRASS:	
Standard amenity lawn seed mix	50g/sqM
Wildflower meadow mix seed.	5g/sqM

TREE PLANTING:					
Cm	Hawthorn (Crataegus monogya)		WPS	11No	T01-T11
Ps	Scots pine (Pinus sylvestris)	RB	STD	3No	T12,T13
Sn	Elder (Sambucus nigra)	RB	STD	4No	T18-T21
Fs	Beech, common (fagus sylvatica)	RB	STD	2No	T16,T17
Ia	Holly (Ilex aquifolium)	RB	STD	2No	T12-T13
Sa	Rowan (Sorbus aucuparia)	RB	STD	2No	T14,T15

GROUND COVER:				
Symphoricapos chenaultii "Hancock"	CG	3L	3/sqm	30No
Euonymus fortuneii "Silver Queen"	CG	3L	3/sqm	30No
Cotoneaster horizontalis "Robusta"	CG	3L	3/sqm	30No

MIXED NATIVE SHRUB PLANTING:					
Corylus Avellana	20%	138No	600-800mm	Branched	RB
Crataegus Monogyna	25%	172No	600-800mm	Transplant	RB
Sambucus nigra	15%	105No	600-800mm	Branched	RB
Prunus Spinosa	25%	172No	600-800mm	Branched	RB
Viburnum Opulus	15%	105No	600-800mm	Transplant	RB

SPECIMEN SHRUB PLANTING:			



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LANDSCAPING:
All planting is to be carried out in the first planting season following Local planning authority written approval of scheme.
Any trees, plants or shrubs which are removed, die, become seriously damaged or diseased within a period of 5 years shall be replaced in the next planting season with others of similar size and species.
All planting is to comply with the requirements of all current/relevant British Standards specifications including BS 3936: Part 1 (1992), Part 2 (1990) and Part 4 (207), BS 4043 (1989) where applicable, BS 4428 (1989). All plants to be supplied in accordance with the plant schedule. Any planting outside the recognised planting season (Nov-Feb) to be containerised stock and supplied at the sizes specified.

PREPARATION
Weedkill areas to be planted or paved. Use glphosate in accordance with manufacturers instructions applied by trained and certificate holding personnel wearing/ using PEE. Leave for a minimum of three weeks of day time temperatures over 6 degrees C to kill the root system.
Strip topsoil using hand tools to a maximum of 200mm depth over all areas to be surfaced or planted. Cultivate areas to be planted to break up subsoil and ensure free drainage. Only existing clean topsoil in good condition to be placed in new planting beds with 50:50 mix with mycorrhizal compost. For the remainder use imported topsoil in accordance with BS 3882:2007 Multipurpose Grade. Slightly dome planting beds and create a slight recess to capture mulch adjacent to finished levels of adjacent paving or edging, ensure a minimum 450mm depth for shrubs.

TOP SOIL:
Existing and imported topsoil shall conform to BS 3882:1994. Be free from compaction, brick/rubble/stone greater than 50mm diam. Minimum depths of soil 450mm to Shrubs, 150mm to grass areas.

TREE PLANTING:
Excavate tree pits 0.9x0.9x0.75m deep. Loosen pit base to a further 300mm. Place a little topsoil in the pit base. Mix with 5 litres of mycorrhizal planting compost per tree and dome slightly. Place tree in pit holding vertical. Drive a 1.8m stake through the rootball and at least 300mm into the base of the tree pit. Sprinkle Seirrablen Flora slow release fertiliser tablets by ALS or equal approved into the base of the pit around the rootball. (Quantities as manufacturers recommendation for tree size). Backfill carefully using reserved topsoil enriched with 5 litres of planting compost as previously described. Fix and secure 1 No Toms tree tie with spacer, or similar, within 50mm of the top of the stake. Water to field capacity.
Install Root Barrier around trees 600mm deep by Amenity Land Solutions Ltd, or similar all in accordance with the manufacturers recommendations.
All trees are to be planted in accordance with the recommendations of Table 3 of British Standard BS5837:2005 Trees in Relation to Construction:

SHRUBS:
All plant material to comply with BS 3936 Pt 1:1992 and handled in accordance with 'Handling and Establishing Landscape Plants' 1996. All planting to comply with BS 4428 with plants well firmed. Enmag slow release fertiliser or similar approved to be applied to the base of all shrubs and trees (2No to each shrub 10No to each tree).

GRASS TURFING:
Turf to be supplied by member of Turfgrass Growers Association to BS3669, free from undesirable grasses and weeds. Grade- Fine Sports/Ornamental. Herbicide treatment to be applied not more than 3 months or not less than 4 weeks before lifting.

BARK MULCH:
To shrub planting beds water soil thoroughly before spreading minimum 75mm thickness of mulch. Mulch shall consist of bark with an even nominal particle size distribution of 10-50mm with minimal dust and fines. The pH to be between 4.5 and 5.5. The product should be pest, disease and weed free and not have been treated with Methyl Bromide or any additives. The product shall have been tested in accordance with the requirements of BS 4790:1987, for fire resistance. Ensure small plants are not covered by mulch. Allow for topping up at first year of maintenance. Planting beds to be slightly domed but allow for forming a wide 75mm deep depression along the perimeter of the bed adjacent to any hard surfaced areas sufficient to prevent mulch from oversilling onto paved areas.

AFTERCARE:
January to March – Firm all trees and shrubs especially after frost, strong wind and heavy rain. Complete replacement of failed plants to original specification. Collect and remove litter.
April – Hand weed any annual or perennial weeds that may have germinated in mulch. Check for areas of failed turf and carry out any necessary remedial work. Collect and remove litter. Water if necessary.
May – Edge grass/paths and planting beds. Commence mowing to grassed areas when build foliage has died back. Mow gradually reducing height of cut-minimum 40mm, collect and remove litter. Water if necessary. Check plants for pests and diseases. Treat appropriately.
June – Mow, reduce cut to min 40mm high, collect and remove litter. Water if necessary.
July/October-Continue to hand weed any weeds that attempt to germinate within the mulch.Collect and remove litter. Mow and edge areas. Water if necessary. Check plants for pests and diseases. Treat appropriately.
September – Check condition of all shrubs, place orders for any which need to be replaced.
October- Cease mowing at the first frost. Check and carry out remedial works to any failed turfed areas.
November to December- Commence replacement planting. Check tree ties and stakes. Top up mulch if needed.

Rev.	Drawn	Comments.	Date

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Applicant:
Martins Hill Ltd.

Project:
Proposed Natural Burial Ground and Pet Crematorium at Martin Hill Nursery, Luzlow Lane, Bagnall, Stoke on Trent. Staffordshire, ST9 9JZ.

Title:
Site Plan.

Status:
Planning

Paper A1: Drawn: AC Bailey September 2019 Drawing Ref: 1644-04