

Clerk to the Parish Council: **Josie Blackburn,**15 William Spencer Avenue, Sapcote, Leicestershire, LE9 4NF
Tel. 07305 168086

Email: <a href="mailto:clerk@sapcoteparishcouncil.org.uk">clerk@sapcoteparishcouncil.org.uk</a>

4<sup>th</sup> October 2023

**Dear Sirs** 

## Sapcote Parish Council Cemetery Extension, Donkey Lane, Sapcote Letter of Invitation

Following some changes to our original plans we are inviting you to retender for the contract to construct our new Cemetery extension.

All supporting documents are attached, including the revised design and plans for both hard surfacing and landscaping.

If you would like to visit the site, have any questions, or would like to discuss the project further please do contact us by Wednesday 11th October. We would expect all responses to be sent out by Monday 16th October.

All tenders should clearly show quotes for

- 1. All hardscaping works to create roads, paths, storage area etc.
- 2. All landscaping works.

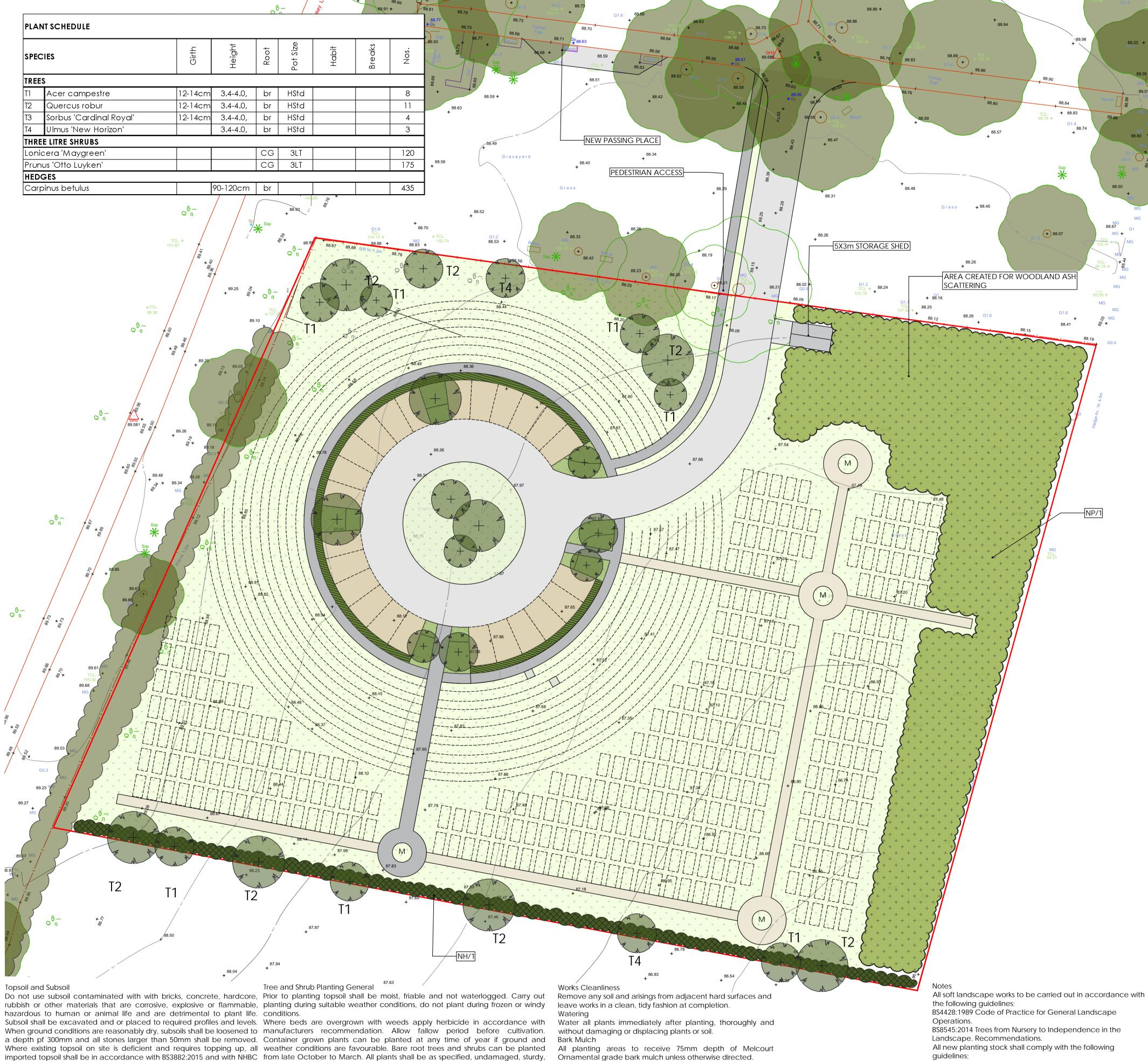
All tenders and any supporting documents must be submitted to the Clerk to Sapcote Parish Council, to be received not later than Friday 27th October.

For reference purposes, please also submit the names and addresses of two employers for whom you have carried out <u>similar</u> work within the last two years.

The Council does not guarantee to award all or part of this contract to the lowest or any tenderer.

Yours faithfully

Josie Blackburn Clerk to the Parish Council



**Proposed Native Hedgerow** 

To be planted at 5 plants per linear metre in double staggered row. All with spiral rabbit guards and secured with bamboo cane. Plant at 750mm from fence boundary. Areas for planting shall be treated with a translocated herbicide such as Glyphosate to clear any existing weeds before planting, the ground shall be cultivated to a depth of 300mm. Whips shall be pit planted, with backfill mixed with 70grams of Enmag slow release fertilser. All stock delivered to site shall be of proven British provenance, a certificate shall be provided to the Landscape Architect to prove provenenance of plants prior to

Dip all roots into MycorForce Whip Dip prior to planting. Add 75mm deep 1m wide amenity bark mulch.

Typical Hedge Planting Plan (NTS)

Mix	Native Hedge	NH1			Size	Ttls
10%	Acer campestre	52			1+1 80-100 br	52
10%	Corylus avellana	52			1+1 80-100 br	52
50%	Crataegus monogyna	260			1+1 80-100 br	260
10%	llex aquifolium	56			60-90 3L	56
15%	Prunus spinosa	78			1+1 80-100 br	78
5%	Rosa canina	26			1+1 40-60 br	26

Proposed Native Scrub/Shrub Planting

To be planted within the specified areas shown below at 1.5m centres. Areas for planting shall be treated with a translocated herbicide such as Glyphosate to clear any existing weeds before planting. After herbicide has taken effect cultivate the area to a coarse tilth 250mm deep. Whips shall then be pit planted, with backfill mixed with 70grams of Enmag slow release fertilser. Gently firm in by treading. All stock delivered to site shall be of proven British provenance, a certificate shall be provided to the Landscape Architect to prove provenenance of plants prior to delivery to site. All to have Tubex Netguard, 60cm high and 150mm diameter, dark green colour. To be fixed to firmly anchored softwood timber stakes using 2no. plastic cable ties. Dip all roots into MycorForce Whip Dip prior to planting. Contact supplier for application details, Tel:English Woodlands Burrow Nursery 01435 862992.

Plan	t Numbers for Native Pla	nting	Area	ıs			
%	Species	NP1				Size	Ttls
% 10	Betula pendula	50				1+1 80-100 br	50
20	Corylus avellana	100				1+1 80-100 br	100
40	Crataegus monogyna	200				1+1 80-100 br	200
15	llex aquifloium	75				1+1 80-100 cg	75
5	Rosa canina	25				1+1 80-100 br	25
10	Viburnum opulus	50			Ţ	1+1 80-100 br	50

Ornamental Shrub Planting

Shrub areas to have minimum soonin depth or good quality imported cultivated topsoil, free from bricks, large stones and other rubbish. To have 75mm depth Melcourt Ornamental grade bark mulch

or similar approved.

Formal Hedge

Ensure all plants are bushy to provide joined up length of hedge. Trim all hedges at planting to ensure neat appearance and promote new growth. Plant at 4 per linear metre. To have 75mm depth Melcourt Ornamental grade bark mulch or similar approved to base of hedge to width of 500mm.

Clover Rich Amenity Grass

This area of clover rich lawn will be beneficial to bees and other insects. The lawn can be maintained by periodic mowing to prevent the grass species becoming too high or untidy. Once the clover flower season has finished the lawn can be mown as a regular amenity grass. Sow Germinal A4 Low Maintenance seed with addition of 5% Trifolium pretense and 5% Trifolium repens. Sow at 35g/m2.

Amenity Grass Seeding General

Minimum 100mm cultivated topsoil.

Areas for planting shall be treated with a translocated herbicide such as Glyphosate to clear any existing weeds before planting. More than one application may be required to clear existing weeds within agricultural field.

After herbicide has tekan effect, cultivate topsoil to depth of 100mm including all consolidation, rolling, harrowing or raking to acheive a firm, fine tilth suitable for seeding.

The seed bed be shall be free from uneveness, hollows depressions and soft areas so that an evenly graded grass surface can be acheived.

The seed bed should be evenly graded to finish 25mm above adjoining paving, kerbs etc after settlement.

Remove all weeds, and remove stones, grass sods and other debris exceeding 20mm in any dimension and all roots exceeding 15mm diameter or 200mm length.

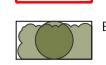
After cultivation and prior to grass seeding, supply, spread and lightly rake into the tilth a granular pre-seedling fertiliser N:P:K ration 10:15:10 at a rate of 60 grammes per m2. Do not apply fertilisers to wild seed areas. Sow according to suppliers instructions.

Seed is best sown in the autumn or spring but can be sown at other times of the year if there is sufficient warmth and moisture. The seed must be surface sown and can be applied by machine or broadcast by hand. To get an even distribution and avoid running out divide the seed into two or more parts and sow in overlapping sections. Do not incorporate or cover the seed, but firm in with a roll, or by treading, to give good soil/seed contact.

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Do not scale from this drawing.





**KEY & NOTATION** 

Existing Retained Vegetation



Proposed Tree Planting

The excavated hole shall be of sufficient size to accommodate the root-ball or container, allowing approximately 500mm clearance.

Before planting the sides of the pit shall be broken up and the base dug over to a depth of 150mm to improve drainage. The tree will be planted to the same depth as it was in the nursery. Backfill will be firmed in around the rootball to prevent any air

The pit shall be backfilled with a 5% mix of good quality topsoil and an non peat based compost. 140gms of Enmag granular slow-release fertilser shall be incorporated to the fill mixture. **Root Barriers** 

Where an installed rootball is within 3m of an exisitng underground service route install protective root barrier with sides vertical and finished 75mm below finished ground level.

To be Greenleaf ReRoot 2000 or similar approved. Trees in soft ground Trees shall be double staked and fixed to horizontal crossbar

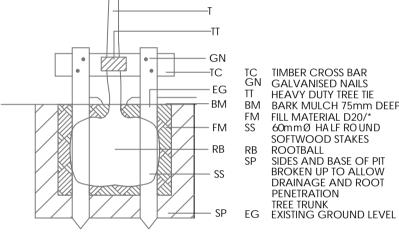
using rubber strapping, with rubber block positioned between the tree and cross bar.

Stakes shall be 60mm diameter treated softwood, driven firmly into ground either side, and not through the rootball, with tree central between the stakes. The above ground height of the stake should be a minimum of a third of the stem high. All trees to receive perforated watering pipes surrounding root ball. Tree Aftercare

Any necessary formative pruning will be carried out and where appropriate woodchip/bark mulch applied to a depth of 75mm, and to at least the edge of the planting pit. A properly planned maintenance programme should be kept

up until successful establishment of the trees. This may include watering when necessary, checking of the support systems, weed control and further mulching.

#### Extra heavy standard Tree Pit and Staking Detail (NTS)



2.7x1.2m Grave Plot



m Cremation Plot with 1.2m space between lines

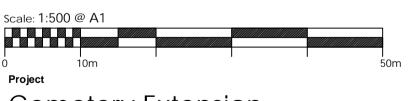


Breedon Gravel Footpaths



Memorial Features

A 1. Minor revisions cjn 28.09.23 Dwn. Date Revisions



### Cemetery Extension Donkey Lane, Sapcote Leicestershire

Detailed Landscape Proposals 1 of 2

For Planning, Tender & Construction

03.03.2022 Dwg. No.

21.1592.002

Francis House, Coventry Road Burbage, Leics LE10 2HL



T. 01455 611 950

Landscape & Visual Assessm

Recommended depth after settlement:

friable texture of separate visible crumbs.

Grass Areas: 100mm / Shrub Areas: 300 to 450mm

healthy and vigorous. They shall be free from pests, diseases, discoloration and Hedges to receive 1m wide, 75mm depth of bark mulch to Do not use topsoil contaminated with with subsoil, rubbish or other physiological disorders. Name, form, dimensions, provenance and other criteria base. materials that are corrosive, explosive or flammable, hazardous to human shall be as defined in The National Plant Specification. All plant handling shall be Individual trees in grass to have 75mm depth, 600mm or animal life and are detrimental to plant life. Topsoil shall be stored in in accordance with HTA 'Handling and Establishing Landscape Plants'. All plants heaps no higher than 1m and wider than 2m and shall be protected from shall be stored in a secure environment and protected from site operations and contamination and compaction. Following spreading, topsoil areas shall over exposure to adverse weather conditions. Where topsoil is compacted it shall be cultivated to suitable depth and tilth when weather is suitably dry and be broken up to a depth of no less than 350mm into particles of 2-8mm, with the the surface shall be left regular and even, levels shall be 25mm above surface left regular and even. Levels shall be 25mm above kerbs and adjacent kerbs and 50mm above lawns. Any visible weeds, roots and hardstandings and 50mm above adjacent grass areas. Remove all visible weeds, large stones shall be removed. Do not compact topsoil, and ensure a roots and large stones exceeding 30mm. Do not cultivate soil within rootspread of existing trees and shrubs. All plants shall be planted upright or well balanced with best side to front. MycorForce Transplanter shall be spread around the roots of

each plant during planting at a rate specified by the supplier.

Ornamental grade bark mulch unless otherwise directed.

diameter bark much to base.

BS4043:1989 Transplanting root-balled trees

BS3936:1992 Nursery Stock Part 1. Specification for Trees and Follow good modern horticultural practice in any proposed soft landscaping.

> products based on composted straw, manure or coir are acceptable, but products based on wood

Planting compost shall be entirely free of peat. Proprietary

chips or bark shall not be used.

Clover Rich Amenity Grass The copyright to this drawing belongs to ISL Associates

other insects. The lawn can be maintained by periodic mowing to prevent the grass species becoming too high or

untidy. Once the clover flower season has finished the lawn can be mown as a regular amenity grass. Sow Germinal A4

Low Maintenance seed with addition of 5% Trifolium pretense

Areas for planting shall be treated with a translocated herbicide such as Glyphosate to clear any existing weeds

before planting. More than one application may be required

After herbicide has tekan effect, cultivate topsoil to depth of 100mm including all consolidation, rolling, harrowing or raking

The seed bed be shall be free from uneveness, hollows,

depressions and soft areas so that an evenly graded grass

The seed bed should be evenly graded to finish 25mm above

Remove all weeds, and remove stones, grass sods and other

debris exceeding 20mm in any dimension and all roots

After cultivation and prior to grass seeding, supply, spread and

lightly rake into the tilth a granular pre-seedling fertiliser N:P:K

ration 10:15:10 at a rate of 60 grammes per m2. Do not apply

fertilisers to wild seed areas. Sow according to suppliers

Seed is best sown in the autumn or spring but can be sown at

other times of the year if there is sufficient warmth and

moisture. The seed must be surface sown and can be applied

by machine or broadcast by hand. To get an even distribution

and avoid running out divide the seed into two or more parts

and sow in overlapping sections. Do not incorporate or cover

the seed, but firm in with a roll, or by treading, to give good

Do not use subsoil contaminated with with bricks, concrete,

hardcore, rubbish or other materials that are corrosive,

explosive or flammable, hazardous to human or animal life

and are detrimental to plant life. Subsoil shall be excavated and or placed to required profiles and levels. When ground

conditions are reasonably dry, subsoils shall be loosened to a

depth pf 300mm and all stones larger than 50mm shall be removed. Where existing topsoil on site is deficient and requires topping up, all imported topsoil shall be in accordance with BS3882:2015 and with NHBC requirements. Do not use topsoil contaminated with with subsoil, rubbish or

other materials that are corrosive, explosive or flammable,

hazardous to human or animal life and are detrimental to

plant life. Topsoil shall be stored in heaps no higher than 1m and wider than 2m and shall be protected from

contamination and compaction. Following spreading, topsoil areas shall be cultivated to suitable depth and tilth when

weather is suitably dry and the surface shall be left regular and even, levels shall be 25mm above adjacent kerbs and 50mm

above lawns. Any visible weeds, roots and large stones shall be removed. Do not compact topsoil, and ensure a friable

Prior to planting topsoil shall be moist, friable and not

waterlogged. Carry out planting during suitable weather conditions, do not plant during frozen or windy conditions.

Where beds are overgrown with weeds apply herbicide in

accordance with manufacturers recommendation. Allow

fallow period before cultivation. Container grown plants can

be planted at any time of year if ground and weather conditions are favourable. Bare root trees and shrubs can be

planted from late October to March. All plants shall be as

specified, undamaged, sturdy, healthy and vigorous. They

shall be free from pests, diseases, discoloration and

physiological disorders. Name, form, dimensions, provenance

and other criteria shall be as defined in The National Plant

Specification. All plant handling shall be in accordance with HTA 'Handling and Establishing Landscape Plants'. All plants

shall be stored in a secure environment and protected from site operations and over exposure to adverse weather

conditions. Where topsoil is compacted it shall be broken up

to a depth of no less than 350mm into particles of 2-8mm, with

the surface left regular and even. Levels shall be 25mm above kerbs and hardstandings and 50mm above adjacent grass

areas. Remove all visible weeds, roots and large stones exceeding 30mm. Do not cultivate soil within rootspread of existing trees and shrubs. All plants shall be planted upright or

well balanced with best side to front. MycorForce Transplanter

Water all plants immediately after planting, thoroughly and

All planting areas to receive 75mm depth of Melcourt

Individual trees in grass to have 75mm depth, 600mm

All soft landscape works to be carried out in accordance with

BS4428:1989 Code of Practice for General Landscape

BS8545:2014 Trees from Nursery to Independence in the

All new planting stock shall comply with the following

Ornamental grade bark mulch unless otherwise directed. Hedges to receive 1m wide, 75mm depth of bark mulch to

leave works in a clean, tidy fashion at completion.

without damaging or displacing plants or soil.

texture of separate visible crumbs. Recommended depth after settlement:

Tree and Shrub Planting General

at a rate specified by the supplier.

diameter bark much to base.

Landscape. Recommendations.

the following guidelines;

guidelines;

soft landscaping.

Works Cleanliness

Grass Areas: 100mm / Shrub Areas: 300 to 450mm

and 5% Trifolium repens. Sow at 35g/m2.

to clear existing weeds within agricultural field.

to acheive a firm, fine tilth suitable for seeding.

adjoining paving, kerbs etc after settlement.

exceeding 15mm diameter or 200mm length.

Amenity Grass Seeding General

surface can be acheived.

instructions.

soil/seed contact.

Topsoil and Subsoil

Minimum 100mm cultivated topsoil.

Ltd (lan Stemp Landscape Associates) and shall not be reproduced without their written consent. Do not scale from this drawing. This area of clover rich lawn will be beneficial to bees and

**KEY & NOTATION** 

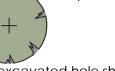




Existing Retained Vegetation



Proposed Tree Planting



The excavated hole shall be of sufficient size to accommodate the root-ball or container, allowing approximately 500mm clearance.

Before planting the sides of the pit shall be broken up and the base dug over to a depth of 150mm to improve drainage. The tree will be planted to the same depth as it was in the nursery. Backfill will be firmed in around the rootball to prevent any air

The pit shall be backfilled with a 5% mix of good quality topsoil and an non peat based compost. 140gms of Enmag granular slow-release fertilser shall be incorporated to the fill mixture.

Root Barriers Where an installed rootball is within 3m of an exisitng underground service route install protective root barrier with

sides vertical and finished 75mm below finished ground level. To be Greenleaf ReRoot 2000 or similar approved. Trees in soft ground

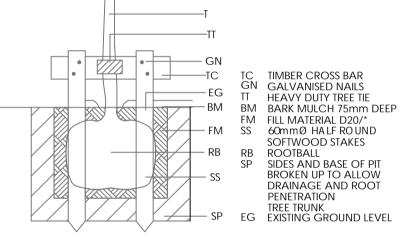
Trees shall be double staked and fixed to horizontal crossbar using rubber strapping, with rubber block positioned between the tree and cross bar.

Stakes shall be 60mm diameter treated softwood, driven firmly into ground either side, and not through the rootball, with tree central between the stakes. The above ground height of the stake should be a minimum of a third of the stem high. All trees to receive perforated watering pipes surrounding root ball.

Any necessary formative pruning will be carried out and where appropriate woodchip/bark mulch applied to a depth of 75mm, and to at least the edge of the planting pit.

A properly planned maintenance programme should be kept up until successful establishment of the trees. This may include watering when necessary, checking of the support systems, weed control and further mulching.

#### Extra heavy standard Tree Pit and Staking Detail (NTS)



Ornamental Shrub Planting

Shrub areas to have minimum southin depth of good quality imported cultivated topsoil, free from bricks, large stones and

To have 75mm depth Melcourt Ornamental grade bark mulch or similar approved.



A 1. Minor revisions

Revisions

Ensure all plants are bushy to provide joined up length of hedge. Trim all hedges at planting to ensure neat appearance and promote new growth. Plant at 4 per linear metre. To have 75mm depth Melcourt Ornamental grade bark mulch

or similar approved to base of hedge to width of 500mm.

cjn 28.09.23

Dwn. Date

# Donkey Lane, Sapcote

Leicestershire

Dwg. No. 21.1592.003A

Francis House, Coventry Road Burbage, Leics LE10 2HL



shall be spread around the roots of each plant during planting Scale: 1:100 @ A1 Remove any soil and arisings from adjacent hard surfaces and

Cemetery Extension

Drawing
Detailed Landscape Proposals 2 of 2

For Planning, Tender & Construction

03.03.2022

T. 01455 611 950 Landscape Architecture Landscape & Visual Assessment

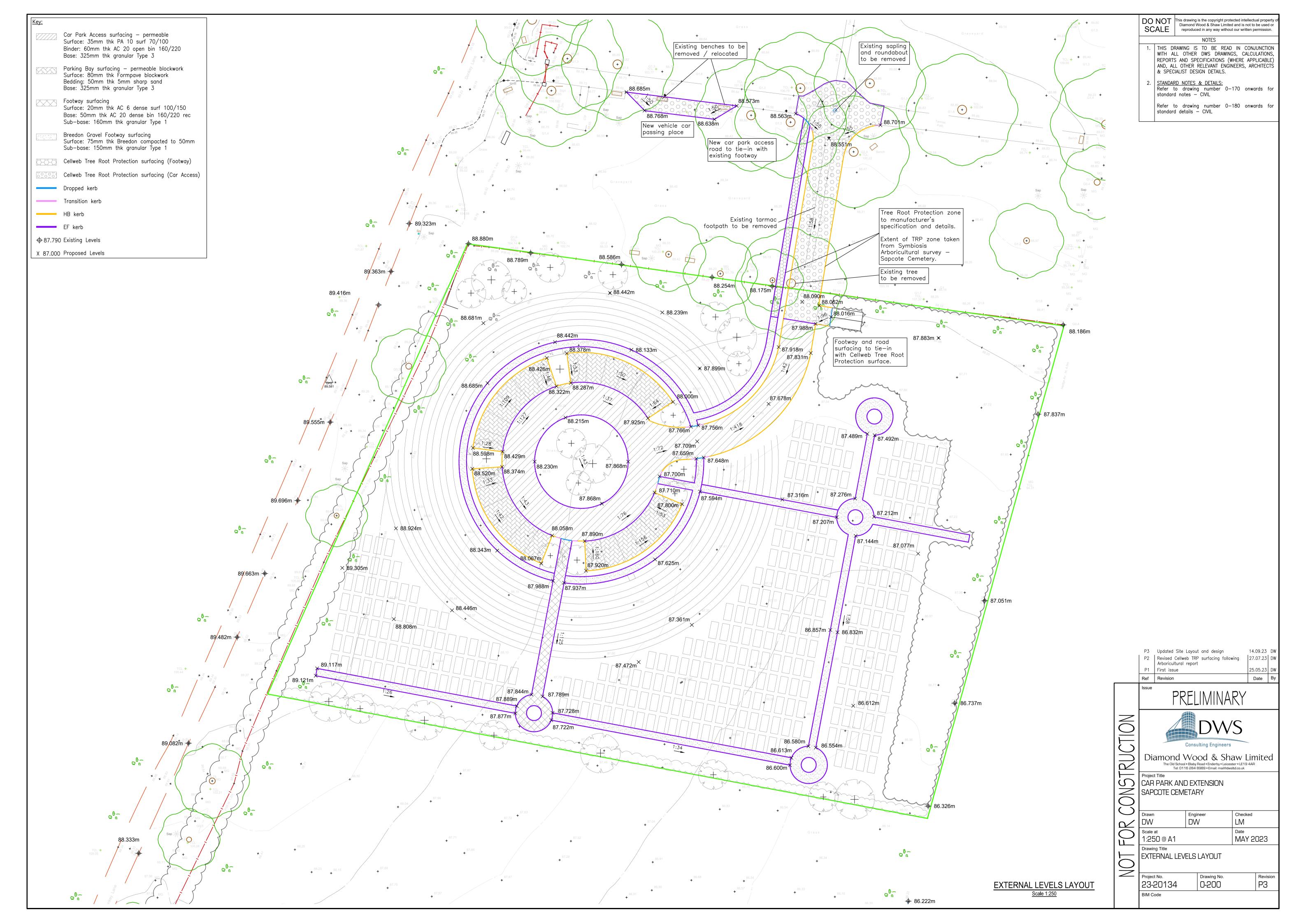
products based on composted straw, manure or coir are acceptable, but products based on wood chips or bark shall not be used.

Planting compost shall be entirely free of peat. Proprietary

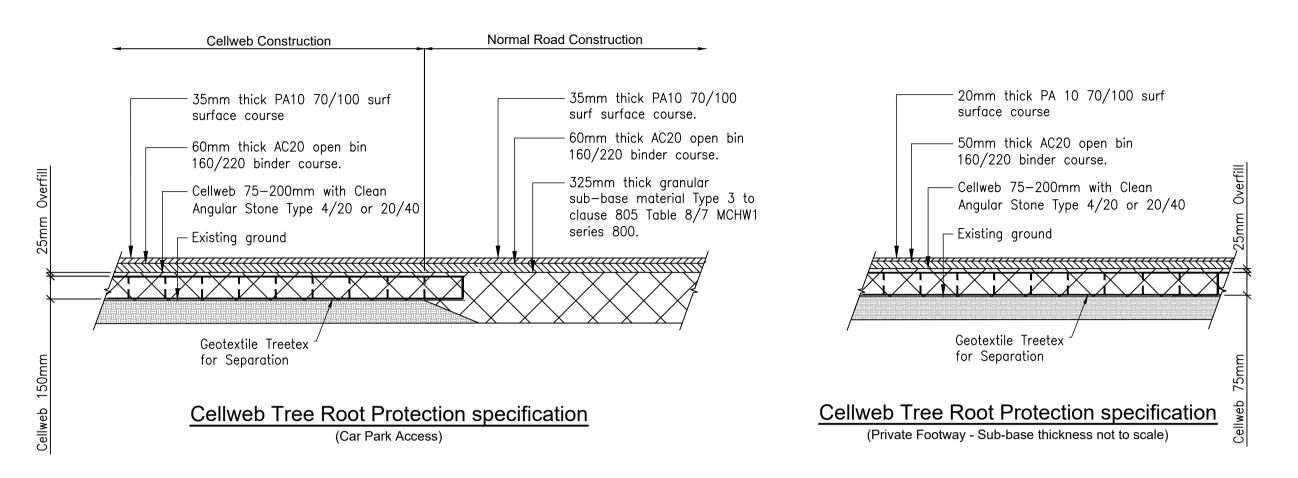
BS3936:1992 Nursery Stock Part 1. Specification for Trees and

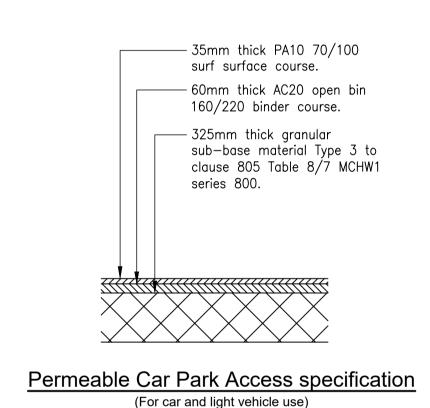
Follow good modern horticultural practice in any proposed

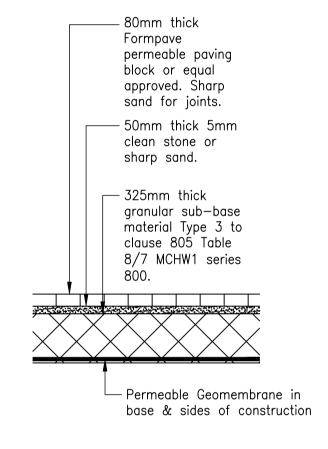
BS4043:1989 Transplanting root-balled trees

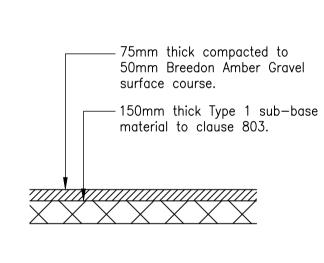


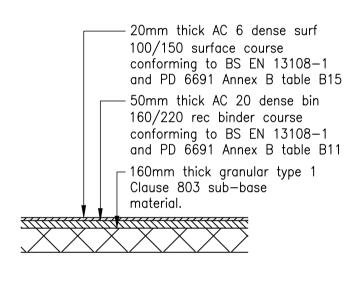
Depth of Cellweb TRP	Unit	Gross Vehicle Weight (GVW)	Application
200mm	Kg	<60,000	HGV & Construction Traffic
150mm	Kg	<30,000	Emergency Access & Refuse Vehicles
100mm	Kg	<6,000	Cars up to a Transit Van
75mm	Kg	<1,000	Pedestrians & Cycleways











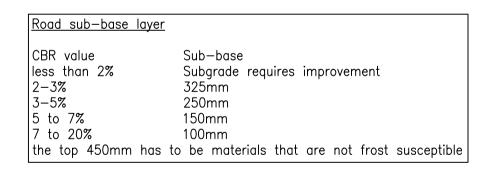
Gravel Footway specification (Breedon Gravel)

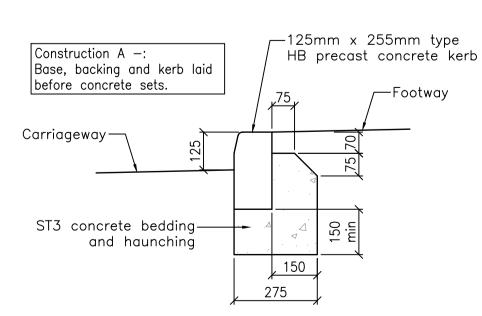
Private Footway specification

#### Permeable Car Parking Bay Paving (Suitable for cars and light vehicle use)

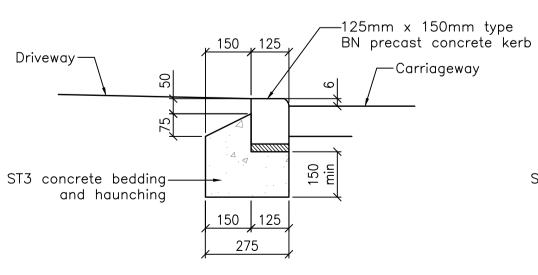
1. Permeable paving parking bays to be installed to the manufacturers recommendations and

- requirements. 2. The designs are based to a CBR value of 2-3%. On site testing should be carried out to determine CBR value before construction. A capping layer beneath geomembrane may
- be required if CBR is low. 3. Prior to construction, a check on the ground's frost susceptibility should be made. If prone, a minimum of 450mm depth construction must be provided for all hard surfaced areas. This will be achieved using capping (6F5 or equal approved) material to bring the overall depth to 450mm.

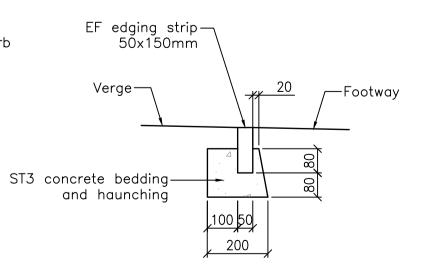




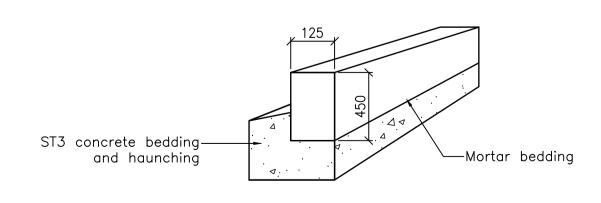
HB Kerb - Typical Half Battered Kerb Detail Construction A



BN Kerb - Typical Bullnosed Dropped Kerb Detail



EF Kerb - Typical Footway Edging Kerb Detail



TR Kerb - Typical Transition from HB to BN Kerb Detail (Isometric View)

RUCTION Diamond Wood & Shaw Limited The Old School • Blaby Road • Enderby • Leicester • LE19 4AR
Tel: 0116 284 8989 • Email: mail@dwsltd.co.uk Project Title
CAR PARK AND EXTENSION
SAPCOTE CEMETARY

Drawn Engineer FOR Scale at Drawing Title CIVIL DETAILS Project No. 23-20134 0-180 BIM Code

P2 Amended Tree Root Protection Details P1 First issue

Consulting Engineers

Checked

MAY 2023

P2

LM

Ref Revision

DO NOT This drawing is the copyright protected intellectual property

SCALE reproduced in any way without our written permission.

& SPECIALIST DESIGN DETAILS.

2. STANDARD NOTES & DETAILS:

standard notes — CIVIL

standard details — CIVIL

NOTES 1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DWS DRAWINGS, CALCULATIONS, REPORTS AND SPECIFICATIONS (WHERE APPLICABLE) AND, ALL OTHER RELEVANT ENGINEERS, ARCHITECTS

Refer to drawing number 0-170 onwards for

Refer to drawing number 0-180 onwards for

Diamond Wood & Shaw Limited and is not to be used or

CIVIL DETAILS

## ALL PARTIES ARE RESPONSIBLE FOR READING ALL NOTES REMAINING IN BOLD. ANY NOTES THAT ARE SHOWN IN GREY ARE NOT APPLICABLE TO THIS PROJECT. IF ANY INFORMATION IS UNCLEAR, PLEASE CONTACT DWS FOR CLARIFICATION

DISCLAIMERS AND ABBREVIATIONS ALL DESIGN INFORMATION PROVIDED BY DWS IS TO BE READ IN CONJUNCTION WITH ALL OTHER DWS DRAWINGS, CALCULATIONS, REPORTS AND SPECIFICATIONS (WHERE APPLICABLE), AND ALL OTHER RELEVANT ENGINEERS, ARCHITECTS & SPECIALIST DESIGN DETAILS.

ABBREVIATIONS: AOD = Above Ordnance Datum BEGL = Below existing ground level BOC = Bottom of concrete BOS = Bottom of steel = Cover level

DPC = Damp proof course

= To be confirmed

TOB = Top of beam

TOS = Top of steel

SOURCE INFORMATION:

GI Report - ####

Arch' Drawings — ####

DRAWING / DOCUMENT STATUS:

of our design.

responsibility.

and material order.

**DOCUMENT REVIEW:** 

TOC = Top of concrete

DPM = Damp proof membrane = Existing ground level (also see OSL) = Invert level

= Finished floor level = Original survey level (original Topo) = Proposed ground level = Survey or Station point = Setting out point = Structural slab level

Other Misc' - 21.1592.001A Sapcote Cemetery

All drawings, reports and calculations issued as

either Draft, For Comment, Preliminary, Building

Regulations or Tender should never be used for

construction purposes or ordering materials.

Should any contractor or client reply on this

information for such purposes, DWS accept no

All drawings issued as Tender status can only be

used for pricing purposes, not material order.

All drawings, reports and calculations issued as Construction status can be used for construction

DWS issue all information in good faith and

assume that all parties will review and comment

accordingly. If no comments are received, DWS

will assume that no further design development is necessary and all parties are happy to proceed

with construction based on the information

provided. Should changes to design be required

or requested after construction issue, additional

DWS will make every reasonable effort to

consume small design changes within the stated ee proposal. Ilme spent on numerous or majo design changes will be recorded and discussed

Should any work be requested outside the scope

of the fee proposal, DWS will notify all necessary

DWS will not be held responsible for any

unforeseen circumstances such as underground

obstructions or changes in ground conditions not

identified in the Ground Investigation report or

any other survey information. Every action will be

additional fees will be discussed accordingly.

UNDERMINING AND PARTY WALL AWARDS:

(where necessary) a Party Wall Award.

TEMPORARY WORKS AND DEMOLITION:

our fee proposal.

associated with demolition.

9. STANDARD NOTES & DETAILS:

notes - STRUCTURAL

details — STRUCTŪRAL

notes — CIVIL

details — CIVIL

taken to assist if such events occur, and any

Where excavations are situated close to land

boundaries or adjacent to any property, due

consideration is required by all parties to ensure

undermining or collapse does not occur. Any risks

should be negated by professional methods to

Where any construction is within 3m of any off

site structure owned by a third party, the client,

developer and Architect must consider and obtain

DWS are not responsible for the design or

providing advice on any form of temporary works

(including propping) unless specifically requested

at project inception and subsequently noted in

The contractor is responsible for all risks

Refer to drawing number 0—150 for standard

Refer to drawing number 0-160 for standard

Refer to drawing number 0-170 for standard

Refer to drawing number 0—180 for standard

avoid disputes and possible damage to property.

fees will be charged accordingly.

<u>UNFORESEEN CIRCUMSTANCES:</u>

DESIGN CHANGES & ADDITIONAL WORKS:

accordingly to recoup fees as appropriate.

parties to advise or agree additional fees.

Extension 25.08.23 — Landscaping Plan

Pipes under buildings and with cover less than:- 600mm under gardens & non trafficked areas • 900mm under car parking areas • 1200mm under roads

SEWERS FOR ADOPTION - 6th EDITION

The position, line, level and diameter of all existing

drainage apparatus should be confirmed on site

prior to the commencement of works. Anv

discrepancies should be reported to the engineer

All dimensions are in millimetres unless noted

The connection of foul and surface water drainage

to the existing public sewer system shall be

All work is to be carried out in accordance with

subject to the approval of the Water Authority

otherwise.

to have concrete protection applied. All pipes entering & exiting manholes are to be connected using preformed branch channel bends 3/4 section at half the main channel height.

The first flexible joint in pipes, adjacent to a inside face of the manhole, connected to a rocker pipe.

Precast concrete manholes, cover slabs and seating rings shall comply with BS 5911 Part 200.

Brick manholes to be constructed in flush pointed. English Bond brickwork using Class B solid engineering bricks to BS 3921 in a suitable sand

| Manhole step irons to comply with BS 1247.

Manhole covers and frames to be ductile iron heavy duty grade D400 double triangular to BS EN 124 in carriageways and heavy vehicular trafficked areas (150mm thick). Manhole covers and frames to be ductile iron medium duty grade B125 circular or rectangular noted otherwise.

All cement used in the construction of manholes shall be Ordinary Portland Cement (OPC) to the relevant provisions of BS 4027 CESWI specification clause 2.15.

Refer to CESWI specification clause 2.20 for sand / cement mortar grades.

High strength granolithic concrete topping to benching to be steel trowelled to a dense smooth face neatly shaped and finished to all branch connections in accordance with CESWI specification clause 4.30.

Pipes shall be laid to their true line and level by laser or by boning each end and middle.

All soft spots within pipe trenches shall be removed and filled with Type 1 material.

No water shall be allowed to accumulate in pipe trenches during construction.

All fill material shall be compacted in layers not exceeding 225mm. . All in-situ concrete used in below ground pipe

protection to be of minimum grade C20P. Compressible filler for interruption of concrete pipe protection shall consist of bitumen impregnated insulating board to BS 1142 Part 3 at each pipe

joint; thickness in accordance with CESWI Clause

Any redundant drains shall be removed or concrete sealed.

Where pipes are crossing, plastic membrane is to

be used for protection to eliminate the chance of

. Pipes of different diameters are to enter the manhole at soffit to soffit level unless noted otherwise.

29. Precast concrete manholes are not to be cut or l core drilled under any circumstances.

minimum of 675 x 675mm to maintain a clear opening. Covers and frames to be Kite Marked. Where the depth of a manhole is greater than 3000mm to soffit, a vertical galvanised mild steel access ladder with 230mm clearance to the wall

30. All manhole covers and frames are to be a

opening. Covers and frames to be Kite Marked. is required. Double encapsulated step rungs are to be used in manholes less than 3000mm deep.

SEWERS FOR ADOPTION - 7th EDITION DCG

The position, line, level and diameter of all existing | drainage apparatus should be confirmed on site prior to the commencement of works. Any discrepancies should be reported to the engineer

All dimensions are in millimetres unless noted

The connection of foul and surface water drainage to the existing public sewer system shall be subject to the approval of the Water Authority

I All work is to be carried out in accordance with the relevant, current British Standard and Codes of Practice and Building Regulations.

Pipes under buildings and with cover less than: 600mm under gardens & non-trafficked areas 900mm under car parking areas 1200mm under roads

All pipes entering & exiting manholes are to be 3/4 section at half the main channel height.

manhole, shall be a maximum 600mm from the pipe.

Brick manholes to be constructed in flush pointed. English Bond brickwork using Class B solid engineering bricks to BS 3921 in a suitable sand

| Manhole step irons to comply with BS 1247.

areas (150mm thick).

All cement used in the construction of manholes shall be Ordinary Portland Cement (OPC) to the relevant provisions of BS 4027 CESWI specification

Refer to CESWI specification clause 2.20 for sand / cement mortar grades.

High strength granolithic concrete topping to clause 4.30.

laser or by boning each end and middle.

All soft spots within pipe trenches shall be removed and filled with Type 1 material.

trenches during construction.

exceeding 225mm.

Where pipes are crossing, plastic membrane is to cross contamination if leakage occurs.

Pipes of different diameters are to enter the manhole at soffit to soffit level unless noted

29. Precast concrete manholes are not to be cut or l core drilled under any circumstances.

prescribed mix in accordance with the curre requirements of BS 8500-1 & 8500-2. rade = C20 P, consistency class S2.

designated mix in accordance with the currer equirements of BS 8500-1 & 8500-2. Grade = PAV 2. consistency class S2.

designated mix in accordance with the curre equirements of BS 8500-1 & 8500-2. Grade = PAV 2, consistency class S3.

designed mix in accordance with the curre requirements of BS 8500-1 & BS 8500-2. Grade = C32/40. Also refer to calculations Consistency class S3.

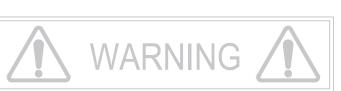
CONCRETE ADDITIVES AND COMPACTION: NO additives to any concrete will be allowed unless agreed with by the engineer. Where necessary, concrete to be compacted by means of a mechanical poker vibrator & with a workability such that dense concrete free from voids will be

Il reinforcement to be in accordance with t urrent requirements of BS 8666.

Mesh & B10 = 400mm Cover to be 50mm all round UNO. Where ca irectly against soil cover to be increased einforcement cover to be maintained by the u

of proprietary type spacers or chairs as required. CONCRETE CUBE TESTING:

Four concrete cubes are to be made, stored and tested in accordance with BS.1881 from a representative sample of each batch. Two cubes shall be tested at 7 days and two shall be tested at 28 days.



CONTRACTOR TO LOCATE AND TAKE ALL RFASONARIE PRECAUTIONS. PRODUCE A FULL RISK ASSESSMENT AND METHOD STATEMENT PRIOR TO



GAS MAIN PRESENT UNDERGROUND. CONTRACTOR TO LOCATE AND TAKE ALL REASONABLE PRECAUTIONS, PRODUCE A FULL RISK ASSESSMENT AND METHOD STATEMENT PRIOR TO

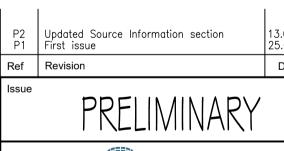


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AND, ALL OTHER RELEVANT ENGINEERS, ARCHITECTS

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DWS DRAWINGS, CALCULATIONS, REPORTS AND SPECIFICATIONS (WHERE APPLICABLE)

& SPECIALIST DESIGN DETAILS.





Diamond Wood & Shaw Limited Tel: 0116 284 8989 • Email: mail@dwsltd.co.uk

CAR PARK AND EXTENSION SAPCOTE CEMETARY

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Scale at 1:1 @ A1 MAY 2023

STANDARD NOTES - CIVIL SHEET 1 OF 1

Project No. 23-20134 P2 0-170 BIM Code

the relevant, current British Standard and Codes of Practice and Building Regulations. All drainage works shall be carried out in All drainage works shall be carried out in accordance with WSA "Sewers for Adoption (6th accordance with Water UK "Sewage Sector Edition)" and "Civil Engineering Specification for Guidance Appendix C" Version 2 (The Code, DCG) the Water Industry (6th Edition)" and "Civil Engineering Specification for the Water Industry (7th Edition)". UPVC pipes and fittings to comply with BS EN 1401-1 1998. UPVC pipes and fittings to comply with BS EN Clayware pipes and fittings to comply with BS EN Clayware pipes and fittings to comply with BS EN UNO = Unless noted otherwise 295:1991 Part 1. Rubber joint rings shall be Type D to BS 2494 and shall be obtained from the same Rubber joint rings shall be Type D to BS 2494 The following third party reports, drawings and manufacturer as the chosen pipe. and shall be obtained from the same information have been used and form the basis manufacturer as the chosen pipe. Drainage to BS 8301 with pipes of approved type | Site Layout - Sapcote Cemetery 25.08.23 on granular bed and surround are to be laid Drainage to BS 8301 with pipes of approved type Topo' Survey - 42527\_T\_REV 0 strictly in accordance with the manufacturers on granular bed and surround are to be laid strictly in accordance with the manufacturers

to have concrete protection applied.

The first flexible joint in pipes, adjacent to a inside face of the manhole, connected to a rocker

Precast concrete manholes, cover slabs and seating rings shall comply with BS 5911 Part 200.

Manhole covers and frames to be ductile iron heavy duty grade D400 double triangular to BS EN 124 in carriageways and heavy vehicular trafficked | Manhole covers and frames to be ductile iron | to BS EN 124 in non trafficked areas, unless

benching to be steel trowelled to a dense smooth face neatly shaped and finished to all branch connections in accordance with CESWI specification

Pipes shall be laid to their true line and level by

No water shall be allowed to accumulate in pipe

All fill material shall be compacted in layers not

24. All in—situ concrete used in below ground pipe protection to be of minimum grade C20P.

Compressible filler for interruption of concrete pipe protection shall consist of bitumen impregnated insulating board to BS 1142 Part 3 at each pipe ioint: thickness in accordance with CESWI Clause I

Any redundant drains shall be removed or concrete

be used for protection to eliminate the chance of

otherwise.

All manhole covers and frames are to be of minimum of 600 x 600mm to maintain a clear

Where the depth of a manhole is greater than 3000mm to soffit, a vertical galvanised mild steel access ladder with 230mm clearance to the wall is required. Double encapsulated step rungs are to be used in manholes less than 3000mm deep.