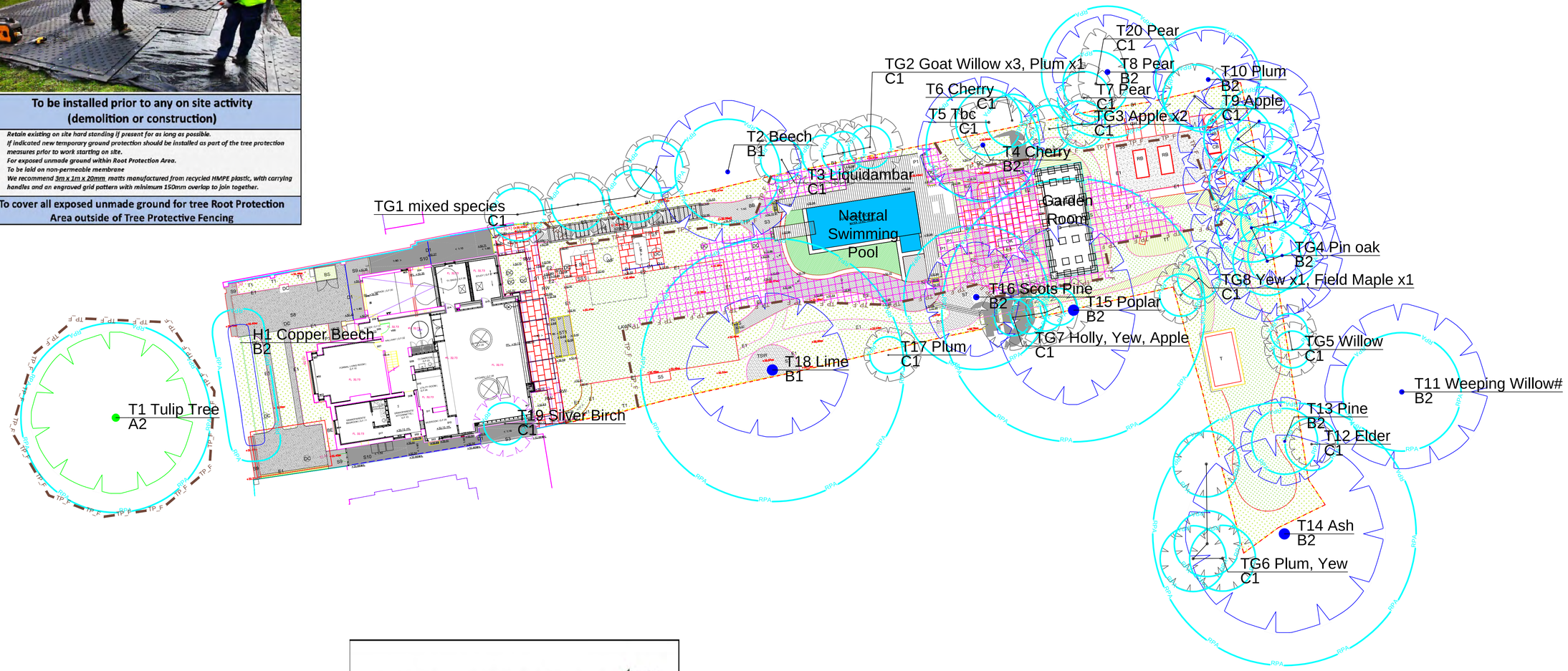
Temporary Ground Protection Specification

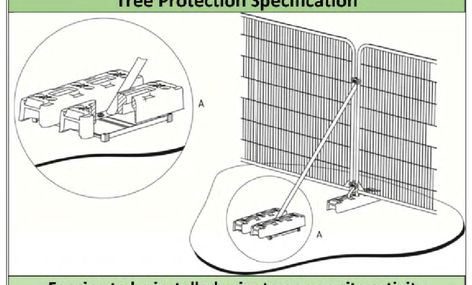
To be installed prior to any on site activity (demolition or construction)

- *Retain existing on site hard standing if present for as long as possible.*
- *If indicated new temporary ground protection should be installed as part of the tree protection measures prior to work starting on site.*
- *For exposed unmade ground within Root Protection Area.*
- *To be laid on non-permeable membrane*
- *We recommend 3m x 1m x 20mm matts manufactured from recycled HMPE plastic, with carrying handles and an engraved grid pattern with minimum 150mm overlap to join together.*

To cover all exposed unmade ground for tree Root Protection Area outside of Tree Protective Fencing



Tree Protection Specification



Fencing to be installed prior to any on site activity (demolition or construction)

Tamla Trees Consulting arborists

TREE PROTECTION AREA

If you require access contact Site Manager

THESE TREES ARE PROTECTED BY PLANNING CONDITIONS AND/OR IS THE SUBJECT OF A TREE PRESERVATION ORDER

GROUND COMPACTION KILLS TREE ROOTS - BREACHING A TPO IS A CRIMINAL OFFENCE - HELP RETAIN HEALTHY TREES BY RESPECTING THIS FENCING

e: info@tamlatrees.com w: tamlatrees.com p: 01252 811 233

Tamla Trees Ring Licensed England & Wales Companies Act 2006 Reg No. OC613629

- *Warning signs to be located every 5m and to be minimum A3 in size (i.e. 42cm x 29.7cm)*
- *To be checked and replaced as necessary.*

Deviations from the advised tree protection compromises tree roots and should be avoided. The purpose of tree protection measures should be briefed to all on site staff.

NATURAL POOL

NATURAL SWIMMING POOL, DECK AND TIMBER STEP TO JETTY.
To Ellicar's detail and specification. Contractor to ensure the pool is protected. Care must be taken during the construction process to avoid damage to the EPDM PVC membrane sheeting laid over the clay of the pond edge, and/or boarding vertically as a barrier to prevent overspill of aggregates and soil into the pool. Do not fix boarding in such a manner that it punctures the membrane. EPDM to be installed when the pond is filling. Gravel bay dressing to be completed after the pond has been planted. Ellicar to leave a steel edge to work to for the sub base.

STUDIO

GARDEN STUDIO
Studio to Ecospace's detail and specification. Contractor to prepare foundations for ecospace studio. Refer to engineers drawing: 23001-100_01

Foundation within RPA to be build following Arboricultural's Method Statement.

SURFACES

S1 — DUCH TUMBLED LIMESTONE
300mm width x length varies x 30mm depth. Random lengths laying pattern. 7-9mm gaps. Gaps to be filled with kiln dried sand brushed in dry. To be laid on 30mm permeable bedding mortar 'Tuffbed 2' Pack by Steetex or similar. 7-20mm sub-base (as specified by manufacturer). To be laid to falls of 1:80.
Supplier MANDARIN STONE (or equal & approved)
Contact: 01600 715844 OR info@mandarinstone.com
Refer to detail BSG_2022_362

S2 — DUCH TUMBLED LIMESTONE SETTS (LAID PERMEABLY)
300mm width x 300mm length x 30mm depth Dijon Tumbled Limestone setts laying patterns, To be laid on 30mm permeable bedding mortar Tuffbed 2 Pack by Steetex or similar. 7-20mm gaps. Gaps to be filled with kiln dried sand brushed in dry. Laid on 75 mm Cellweb filled with angular gravel to supplier's detail 75 mm + 25 mm overfill. To be laid to falls of 1:80.
Path within RPA to be laid on Cellweb as per drawing Typical Setts Detail within RPA, 2022-DR-A06
Supplier MANDARIN STONE (or equal & approved)
Contact: 01600 715844 OR info@mandarinstone.com

S3 — HANSONS NEDDINGMORTH PCA SHINGLE
Path to be laid on 75 mm Cellweb filled with ECOGravel cell web with integrated liner. Laid on 75 mm cellweb filled with angular gravel to supplier's detail 75 mm + 25 mm overfill.
Surfaces within RPA to be laid on Cellweb as per drawing: Typical Pea Shingle Path Detail within RPA, 2022-DR-A02

S4 — JURA GREY SMOOTH LIMESTONE (LAID PERMEABLY)
600mm width x 600mm length x 25mm depth. Stretcher bond laying pattern. With 10mm permeable grout joints 'suffibox by steetex or similar'.
To be laid on a 50mm permeable bedding mortar 'suffbed 2-pack by steetex or similar to manufacturer's recommendations.
Joints to be kept free of mortar, filled with with clean angular stone type 4/20 to supplier's detail and specification. 100mm + 25mm overfill as per supplier's specifications
To be laid to falls of 1:80.
Supplier: Hastings Paving (or equal & approved)
Contact: 01753 212 950 OR info@londonstone.co.uk

S5 — GOLDEN FLINT GRAVEL
20mm angular gravel, To be laid to a depth of 30-40mm on a layer of MYREX MYPEX 'Ultra' 75-150mm MOT Type 1 well-compacted sub-base (as specified by manufacturer)
Supplier: CED STONE (or equal & approved)
Contact: 01702 715844 OR info@londonstone.co.uk
Refer to detail BSG_2022_362
Path within RPA to be laid on Cellweb as per Typical Paving Detail over RPA.

S6 — FSC PINE PLAY BARK
18-35mm chips. BS EN 1176 Play certificate. To be laid to a depth of 300mm to BS EN 1176.
Refer to detail BSG_2022_362

S7 — FSC PINE PLAY BARK
18-35mm. BS EN 1177 Play certificate. To be laid to a depth of 100mm.
Refer to detail BSG_2022_362

RETAINING WALLS

RW — RETAINING WALL
Concrete block work retaining wall, 440mm L x 115mm W x 215mm D. Concrete footing. Geotextile membrane to rear where soil is retained. Allow for weepholes. Back fill with well compacted MOT. Render. TBC

EDGES

E1 — EXCEL EDGE BORDERLINE EDGING
150mm height x 3mm width. Finish: Powder coated brown. To be fixed in ground with 450mm flat fixing stakes (as specified by manufacturer).
Supplier: HINLEY (or equal & approved)
Contact: 01202 602000 OR info@hinleydesign.co.uk
Refer to detail: Typical Hurdi Metal Edge Detail. 2022-DR-A05

E2 — BESPOKE RAISED METAL EDGE
6mm width steel.
Upstand height varies
Refer to detail: Typical Edging Detail. 2022-DR-A04

E3 — LIMESTONE
cladding exposed to side of patio area.
Stone to match limestone patio paving

STEPS & STEPPING STONES

ST — STEPS PATIO TO MAIN LAWN
3670 L X 642 W X 140mm rise. Steps to be formed with C20 or above concrete poured on site to form steps. 100mm width x 200mm length x 28-35mm depth Dijon Tumbled Limestone setts. Stretcher bond to be laid on 30-40mm full mortar bedding. Joints to be kept free of mortar, filled with clean angular stone type 4/20. 100mm + 25mm width x 200mm length x 28-35mm depth Dijon Tumbled Limestone setts soldier edge to steps, To be secured with furshing and concrete footing buried with soil, Colour to match Dijon Setts. Refer to detail for construction method.
Refer to detail 2022-DR-A17, 2022-DR-A12

SS1 — 9 no. STEPPING STONE
1 no. 600mm width x 600mm length x 30mm depth Dijon Tumbled limestone slab.

SS2 — 8 no. 600mm width x 900mm length x 25mm depth Jura Grey limestone slab.
To be laid on 75 mm Cellweb filled with angular gravel to supplier's detail 75 mm + 25 mm overfill. Laid on 100mm type MOT Type 1 well-compacted full-depth base (as specified by manufacturer).
Supplier MANDARIN STONE / LONDON STONE (or equal & approved)
Contact: 01600 715844 OR info@mandarinstone.com / 01753 212 950 OR info@londonstone.co.uk
Refer to detail BSG_2022_367

NSS — 3no. NATURAL STONE STEPS
1no. 400mm width x 1800mm length x 120mm flagstone step with dressed edge
1no. 400mm width x 2600mm length x 120mm flagstone step with dressed edge - cut sides at angle, Gravel path to main lawn step.
To be laid on 100mm full mortar bed on 100mm type MOT Type 1.
Supplier: Contractor's choice. To be confirmed to client and designer.
Refer to detail BSG_2022_367

DRAINAGE & IRRIGATION

D1 — S/S SLOT DRAIN
By London Stone or similar approved

GS — GRAVEL STRIP
200mm wide strip around studio building edge

I1 — 4no. IRRIGATION TAP
Refer to drainage consultants drawings for exact locations. Philmac Arctic Tap Blue Handle 1/2"
Supplier: HeatingPartsWarehouse
Contact: 0287 1140 024

DC — DRAINAGE COVER - SUMP/MANHOLE & SILT COVER
Drainage strategy and details to J Roberts Design LTD.
Refer to drawing 23024-Drainage Plan & Details

CS — DRAINAGE COVER WITH RECESSED STONE-SUMP/MANHOLE & SILT COVER
Drainage strategy and details to J Roberts Design LTD.
Refer to drawing 23024-Drainage Plan & Details

LANDSCAPE ELEMENTS

PE — PERGOLA WALKWAY
3000mm x 3000mm x 2400mm spacings between beams. 150mm green oak.
With top & vertical deck wire 4mm, 316 stainless fixings for hardwood timber by SJI Group.
Refer to detail by Kinland Design; 2022-DR-A010

TSW — TREE SWING
1no. 'Large Swing' to be attached to existing tree.
Supplier: The Oak & Rope Company (or equal & approved)
Contact: 01227 469 413 OR info@theoakandropecompany.co.uk

GH — ALTON FUSION II CEDAR GREENHOUSE WORKSHOP RIGHT PACKAGE
2084mm x 1977mm. Build to manufacturers detail and specification, Prepare base to manufacturers detail and specification.
Supplier: Greenhouse People
Contact: 01782 389400 OR info@greenhousepeople.co.uk

SH — CLASSIC SHED
7.6 x 2.4m Pent roof. Single door in side, positioned on the RHS. Colour: TBD. Prepare level base out of 150mm C20 concrete. Build shed to manufactures detail & specification.
Supplier: Crane Garden Buildings (or equal & approved)
Contact: 01760 444220 OR sales@cranegardenbuildings.co.uk

LR — LAWN ROLLER ON GABION PLINTH
1no. 1000mm x 1000mm x 1000mm gabion on site won rubble 50mm+. 150-200mm MOT type 1 sub base. Lawn roller to be positioned on top.
Refer to detail BSG_2022_366

HB & CB — 2no. HOT BIRD & 2no. COMFORT BIRD
1200mm width x 1200mm length x 1200 height reclaimed timber. All fixings to be galvanised steel, Leave bottom open to ground level, Hot bins to be off the shelf.

RB — 3no. WOODBLOCK RAISED BEDS
1200 width x 2350 length x 600mm height. Build to manufactures detail and specification. Fill with: 300mm topsoil (BS3882:2015 Specification for topsoil), excavated clay aggregate drainage layer and 300mm peat free, good quality, compost. Line with pontarolle membrane as per suppliers recommendation.
Supplier:WOODBLOCK (or equal & approved)
Contact: 08000894081 OR hello@woodblock.co.uk
Refer to detail BSG_2022_366

T — SUNKEN TRAMPOLINE
Fit to the dug for trampoline. Depth to be decided on site and confirmed by designer and client.

SC — SCULPTURE
To be decided with clients as scheme progresses. Allow for required installation.

BB — BIRD BATH
To be decided with clients as scheme progresses. Allow for required installation.

WF — WATER FEATURE
To be decided with clients as scheme progresses. Allow for required installation.

P1 — 4NO. POTS
To be decided with clients as scheme progresses. Allow for required installation.

OK — OUTDOOR KITCHEN
Free standing outdoor kitchen/BBQ. To be decided by client as scheme progresses.
Supplier: TORC (or equal & approved)
Contact: 01727 761 127 OR sales@thoroughbredkitchensdeline.co.uk

BOUNDARIES

B1 — TIMBER FENCE
To match the existing fence like for like on the LHS.
Northern side boundary line only

SOFT LANDSCAPE

S1 — SIGNATURE LAWN TURF
Lay new lawn. Dig over area to a depth of 150-200mm. Ideally using a rotovator. Remove all stones over 50mm in any dimension. Apply and fork in pass-free organic compost or similar organic matter. Loosen soil and fork over to a depth of 450mm. All proposed new planting and specified areas to be mulched, unless otherwise stated. Remove all weeds. Level and rake to a fine tilth. Lay turf to manufacturer's specification. Use 50-70mm layer of bark chippings to planting beds and specified areas.These to be stated. **DESIGNER TO VISIT SITE BEFORE CLEARANCE AND TAG PLANTS TO BE RETAINED.**
Planting within RPA to be plug planting as per Arboricultural Method Statement.
Grading of imported soil not to exceed 100mm buildup. Hand dig only.

S2 — MEADOW PLANTING
Mix top 150mm of soil with 50:50 a sand grit mixture.

S3 — MIXED PLANTING
Prepare all planting beds/areas. Remove any stones over 50mm in any dimension. Apply and fork in pass-free organic compost or similar organic matter. Loosen soil and fork over to a depth of 450mm, All proposed new planting and specified areas to be mulched, unless otherwise stated. Remove all weeds. Level and rake to a fine tilth. Use 50-70mm layer of bark chippings to 50-70mm layer of bark chippings to planting beds and specified areas.These to be stated. **DESIGNER TO VISIT SITE BEFORE CLEARANCE AND TAG PLANTS TO BE RETAINED.**
Planting within RPA to be plug planting as per Arboricultural Method Statement.
Grading of imported soil not to exceed 100mm buildup. Hand dig only.

S4 — AQUATIC PLANTING
To pool specialist detail

S5 — LAWN PATCH
Lay new lawn. Dig over area to a depth of 150-200mm. Remove all stones over 50mm in any dimension. Apply and fork in pass-free organic compost or similar organic matter. Loosen soil and fork over to a depth of 450mm, All proposed new planting and specified areas to be mulched, unless otherwise stated. Remove all weeds. Level and rake to a fine tilth. Use 50-70mm layer of bark chippings to planting beds and specified areas.These to be stated. **DESIGNER TO VISIT SITE BEFORE CLEARANCE AND TAG PLANTS TO BE RETAINED.**
Planting within RPA to be plug planting as per Arboricultural Method Statement.
Grading of imported soil not to exceed 100mm buildup. Hand dig only.

T1 — TREE PLANTING
Refer to detail BSG_2022_366

LEVELS

+32.68 — PROPOSED LEVEL

+32.69ex — EXISTING LEVEL RETAINED

(+32.69ex) — EXISTING LEVEL SHOWN FOR INFORMATION ONLY

COPYRIGHT RESERVED
DO NOT SCALE FROM THIS DRAWING

Tree Survey Drawing Key

- Root Protection Area m2
- Tree Canopy Extent
- Stem Location / Coloured disc denotes BS: 5837 Category
- Tree Number

See Tamla Trees, Tree Survey for Individual Tree Details

KEY

Please refer to Tamla Trees report for details

- Category A - Trees of high quality
- Category B - moderate quality
- Category C - low quality
- Category U - Dead, Dying or Defect trees with <10 years retention value
- RPA - root protection area as defined by Table 2 BS 5837:2012
- Proposed removal - to facilitate Development
- Location of protective fencing - BS 5837 Feet Fence (or similar)
- Temporary ground protection
- Piles to support suspended floor slab

NOTE # Tree positions indicatively mapped due to lack of detailed topographical plan

REV	AMENDMENTS	DRAWN	DATE	AUTH'D

PROJECT
17 College Road, London, SE21 7BG

CLIENT
Mr & Mrs Dabbous

TITLE
Tree Protection Plan (TPP)

DWG	SCALE	DRG NO	Revision
03632R	1:200 @ A1	03632P_TPP_01	G
DATE 11/10/2023	Issue a		

Tel: 01252 811 233
Email: info@tamlatrees.com
Web: www.tamlatrees.com
Tamla Trees Consulting arborists