

Arboricultural Impact Assessment- Promenade House Garden Enhancements

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Section 1: Introduction

- 1.1. This report has been prepared by Tyler Grange Group Limited on behalf of Stride Treglown. It sets out the findings of a detailed BS5837:2012 Tree Quality Survey completed by a suitably qualified surveyor on the 27th February 2024.
- 1.2. The red line application boundary is shown at Figure 1 below, and is also included on the Landscape General Arrangement plan attached as Appendix 3. The baseline tree survey included all trees on and adjoining the site.
- 1.3. The context for this survey and arboricultural assessment is in relation to a proposed 10m x 6m tent supported by a combination of permanent supporting pole (with shallow foundations) and temporary (moveable) tent posts with associated guy ropes and pegs. The proposed location and detailed specifications of the tent are provided at Appendix 2 of this report.
- 1.4. The site comprises an ornamental garden with mixed tree and shrub species including young and establishing individuals to mature, specimen trees. The largest tree is a specimen cedar to the NW corner. The site is enclosed by continuous evergreen hedgerow extending along the perimeter from the south to north-west corner of the site. Trees and shrubs are positioned adjacent to a central grassed lawn with associated ornamental planting and hard landscaping, comprising concrete slab footpaths which are positioned to the east close to the Promenade House and the main access path which runs along the northern side of the building.

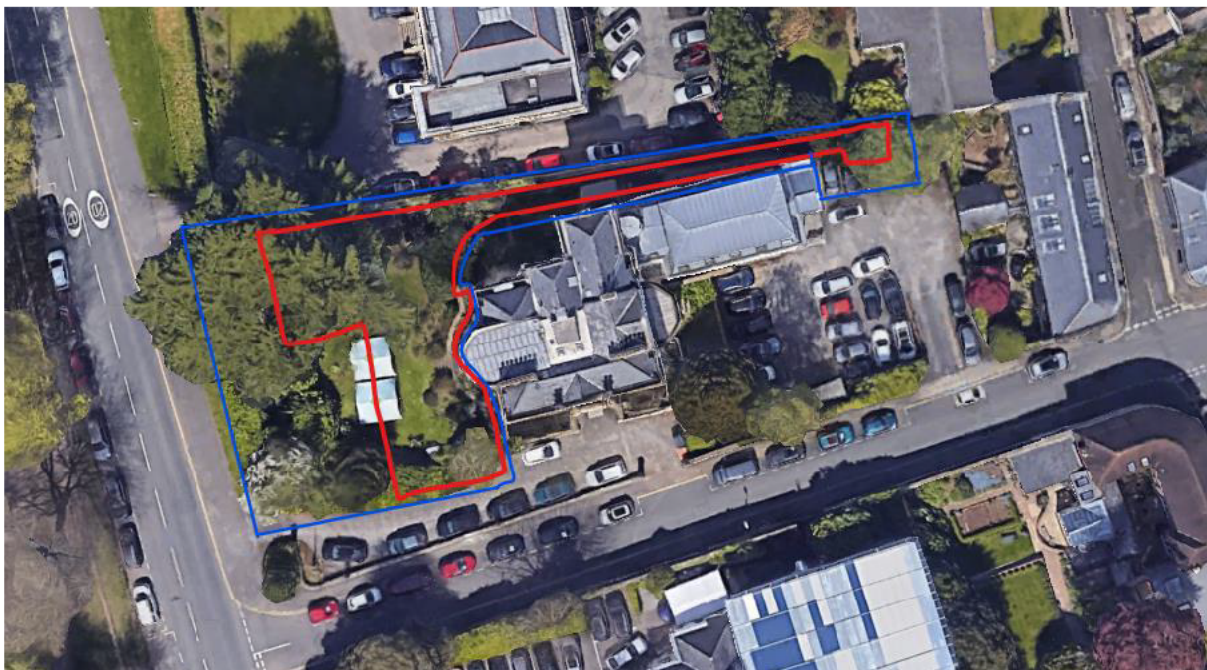


Figure 1. Indicative Red Line Application Boundary and Blue Line Survey Boundary (Google Earth 2024 ©).



Scope of Report

- 1.5. The tree survey, coupled with a review of local planning policies, has helped inform the alignment and specification of the proposed tent installation, both in terms of minimising necessary tree loss and Root Protection Area (RPA) impacts resulting from vertical tent poles that pierce the ground, and necessary compensation measures required to remain compliant with Bristol's Tree Replacement Policy.
- 1.6. Following a thorough assessment of tree constraints, an optimum location for the tent has been achieved which results in the fewest tree removals, pruning works, and works to occur inside retained RPAs, especially the highest quality and value cedar tree (T1).

Survey Findings

- 1.7. Findings for all captured trees are detailed in the Tree Survey Schedule (See Appendix 1). This provides a tabulated record of all survey data including reference numbers, species composition, tree dimensions, life stage, physiological and structural condition, and the observed relative arboricultural value(s) of each feature captured.

Statutory Designations Check

- 1.8. According to Bristol City Council (BCC) Local Plan Policies Map, the site is not located in a Conservation Area. There are no veteran trees nor Ancient Woodland designations relevant to the site, according to Natural England and their 'MAGIC' interactive online mapping tool.
- 1.9. Confirmation from BCC is required directly to confirm whether the site has any Tree Preservation Orders (TPOs) given this information is not readily available online.



Section 2: Desk Study

Planning Policy Context

- 2.1 Under the Town and Country Planning Act 1990 (as amended) the requirement to consider trees as part of development is a material planning consideration and will be taken into account in the determination of planning applications. Applicable arboricultural planning policy that relates to the site is set out below at a National and Local level.

National Planning Policy Framework (NPPF)

- 2.2 The National Planning Policy Framework (NPPF) was updated in December 2023 and is a material consideration in planning decisions and outlines the Government's planning policies for England, setting out how these are expected to be applied. The consideration for existing trees and woodlands in the context of planning and new development is set out within Section 12 'Achieving well-designed and beautiful places' and Section 15 'Conservation and Enhancing the Natural Environment'.
- 2.3 Section 12, paragraph 136 states that *"Trees make an important contribution to the character and quality of urban environments, and can also help mitigate and adapt to climate change. Planning policies and decisions should ensure that new streets are tree-lined, that opportunities are taken to incorporate trees elsewhere in developments (such as parks and community orchards), that appropriate measures are in place to secure the long-term maintenance of newly-planted trees, and that existing trees are retained wherever possible. Applicants and local planning authorities should work with highways officers and tree officers to ensure that the right trees are planted in the right places, and solutions are found that are compatible with highways standards and the needs of different users"*.
- 2.4 Section 15, paragraph 180 provides a series of prerequisites to inform how planning policies and decisions should contribute to and enhance the natural and local environment. This includes *"recognising the intrinsic character and beauty of the countryside, and the wider benefits from natural capital and ecosystem services – including the economic and other benefits of the best and most versatile agricultural land, and of trees and woodland"*.
- 2.5 Section 15, paragraph 186 highlights a series of principles that local planning authorities should apply when determining planning applications, stating that *"if significant harm biodiversity resulting from a development cannot be avoided (through locating on an alternative site with less harmful impacts), adequately mitigated, or, as a last resort, compensated for, then planning permission should be refused"*.



Local Planning Policy

2.6 The site is located within the authority of Bristol City Council. The planning policies relevant to arboriculture are detailed below:

2.7 Policy BCS9: 'Green Infrastructure' of BCC Core Strategy (Adpt June 2011):

"The integrity and connectivity of the strategic green infrastructure network will be maintained, protected and enhanced.

Individual green assets should be retained wherever possible and integrated into new development. Loss of green infrastructure will only be acceptable where it is allowed for as part of an adopted Development Plan Document or is necessary, on balance, to achieve the policy aims of the Core Strategy. Appropriate mitigation of the lost green infrastructure assets will be required".

2.8 Policy DM17: 'Development Involving Existing Green Infrastructure' of Bristol Local Plan- Site Allocations & Development Management Policies (Adpt July 2014).

"All new development should integrate important existing trees. Where tree loss or damage is essential to allow for appropriate development, replacement trees of an appropriate species should be provided, in accordance with the tree compensation standard below:"

Trunk Diameter of tree lost to development (cm measured at 1.5 m)	Number of replacement trees
<15	0-1
15-19.9	1
20-29.9	2
30-39.9	3
40-49.9	4
50-59.9	5
60-69.9	6
70-79.9	7
80+	8



Section 3: Arboricultural Impact Assessment

- 3.1 The proposed tent parameters as illustrated in Figure 2 below, have been referenced when considering the various aspects of the proposal. The tree constraints data, especially the sensitive Root Protection Areas (RPAs) of retained trees, have informed the tent parameters with the intention of reducing invasive operations as much as possible.

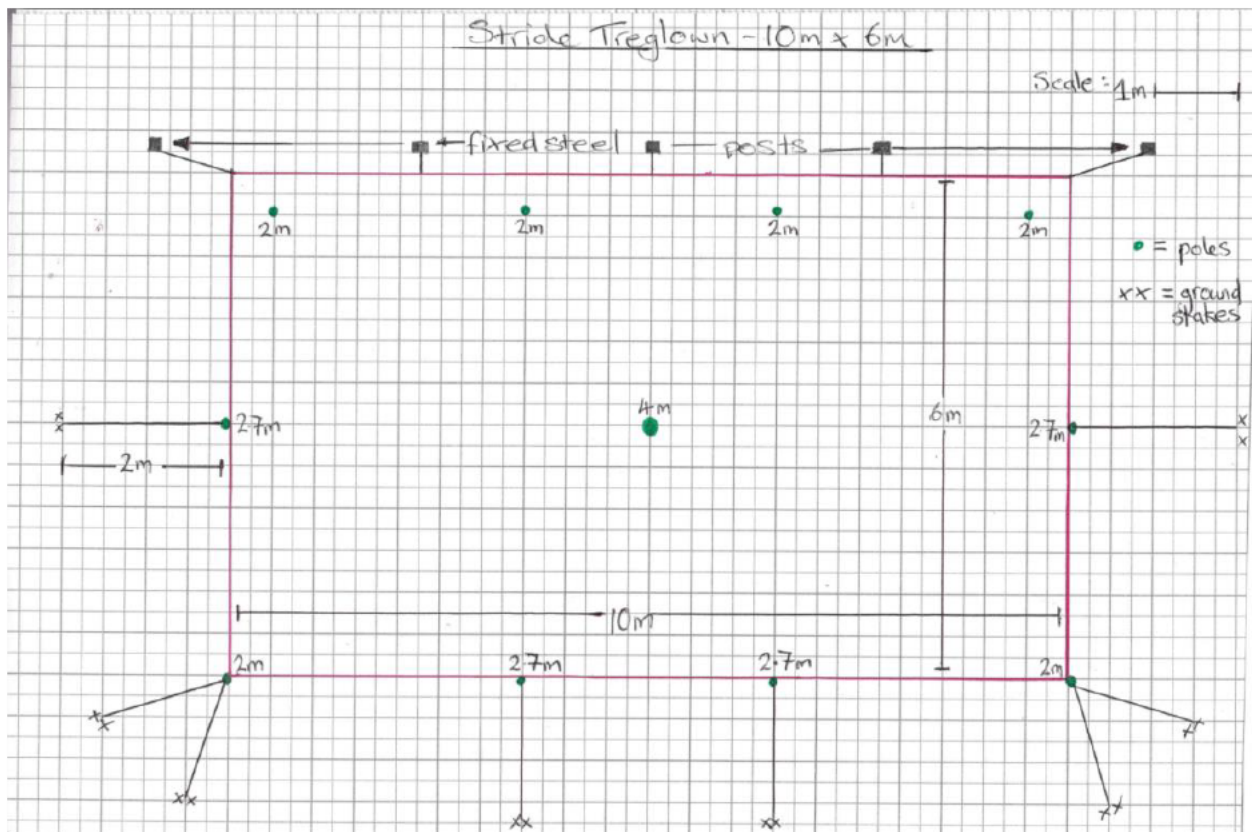


Figure 2: Indicative Tent Sketch Aerial Plan of the Fixed and Unintrusive Pole Locations



Tree Removals and Pruning Works

- 3.2 Trees to be retained and removed are shown on the TRRP. Table 1 below specifies the expected tree removals and pruning works required to facilitate the tent installation as well as the quantity of new trees needed to comply with the council's tree replacement policy.

Table 1: Proposed Tree Removals and *Pruning* Works to Facilitate the Tent Installation

Tree Reference Number	BS5837 Tree Category Grading	Description of Loss	No. Tree Replacements to Comply with Policy Requirements
T2, T3, T5	C	Removal of 3no. low quality trees comprising two semi-mature holly and a single elder tree. All trees are <20cm DBH.	1 per tree removed
H10	C	Partial hedgerow removal by a linear segment of approximately 3m.	0-1
T6	C	Crown lift pruning by up to 1m via removing a few lower branches on the western canopy extent to achieve a 3m canopy height clearance to accommodate the north-eastern corner tent pole (of 2.7m maximum height).	n/a
T8	B	Crown lift pruning by up to 0.5m via removing a few lower branches on the western canopy extent to achieve a 3m canopy height clearance to accommodate the south-eastern corner tent pole (of 2.7m maximum height).	n/a

Tree Compensation Recommendations

- 3.3 In accordance with the council's tree replacement policy a total of 4no. standard trees are recommended to provide adequate compensation for the 3no. trees and hedgerow segment removal. Four replacement trees are shown within the existing retained planting beds on the Landscape General Arrangement Plan (156459-STL-XX-XX-DR-L-09000_PL_PL01) included as Appendix 3 of this report. Supplementary native shrub planting is also proposed between the retained pathway and main building, which will also contribute to ensuring a net gain in the site's tree coverage is achieved. Furthermore, due to the heavily shaded location of the trees proposed for removal and their hindered physiological condition, it is anticipated that the new trees will offer better arboricultural merits owing to their readily observable and more conducive positioning for healthier long-term establishment.



Works within Root Protection Areas (RPAs)

- 3.4 A Tree Protection Plan (TPP) is appended to this report which sets out the appropriate ground protection measures required during the ground preparation, pole foundations, and tent erection stages. The prescribed protection measures follow the recommendations for construction mitigation as detailed within Table 2 below in order to safeguard trees from RPA impacts.
- 3.5 The only aspect of the proposal that is expected to penetrate the existing soil surface are the 5no. fixed steel poles located along the north side of the tent, which will be located close to the site's perimeter retaining wall. The remaining poles and guy ropes which will not be permanently fixed and are expected to only potentially involve very minor soil surface layer puncturing which will have a negligible impact on RPAs.

Table 2: Expected RPA Impacts, Mitigation and Protective Measures to Facilitate the Tent Installation

Tree Reference Number	Description of Works & Anticipated Impacts	Mitigative and Protective Measures
T1	<p>Minor peripheral RPA impacts due to the installation of the 5 permanent steel poles along the northern site perimeter. The 5 steel posts (100 x 100mm box sections) will be set in concrete foundations comprising maximum dimensions of 400 x 400 x 1200mm (depth), base filled with hardcore and shingle before concrete pouring. The exact foundation depth ($\leq 1200\text{mm}$) is to be confirmed during excavation depending on the site conditions.</p>	<p>The proposed no-dig sub-base and hoggin-bound gravel surface layer finish layer to not exceed coverage by 20% of an entire individual RPA area.</p> <p>Steel post foundations to be dug manually using hand-help tools only under arboricultural supervision (watching brief) to ensure no significant roots over 25mm diameter are severed. Once dug, a suitable membrane will be laid inside the foundation before the hardcore infill to prevent concrete leaching into the surrounding soil volume inside or close to RPAs.</p> <p>Utilise a suitably-rated cellular confinement system for installing the permeable sub-base material with the surface finish laid above, to minimise soil compaction long-term, applying a no-dig methodology as illustrated below in Figure 3.</p>
T1, T6, T8	<p>Proposed tent floor installation comprising 75mm sub-base material with a hoggin-bound gravel surface layer finish.</p>	<p>Install non-invasive edge supports surrounding the tent base surface layer to avoid potential root impacts.</p> <p>All loose topsoil movement inside the RPA required for the no-dig sub-base installation to be completed sensitively using hand-held tools only.</p> <p>All tent materials and poles to be stored outside exposed RPAs.</p> <p>No topsoil or steep pole foundation arisings to be shifted and stored inside any RPA during or after the tent is installation. Specifically, no additional green</p>



waste is to be stored touching the stem of T1 following the proposed tree removal and pruning works.

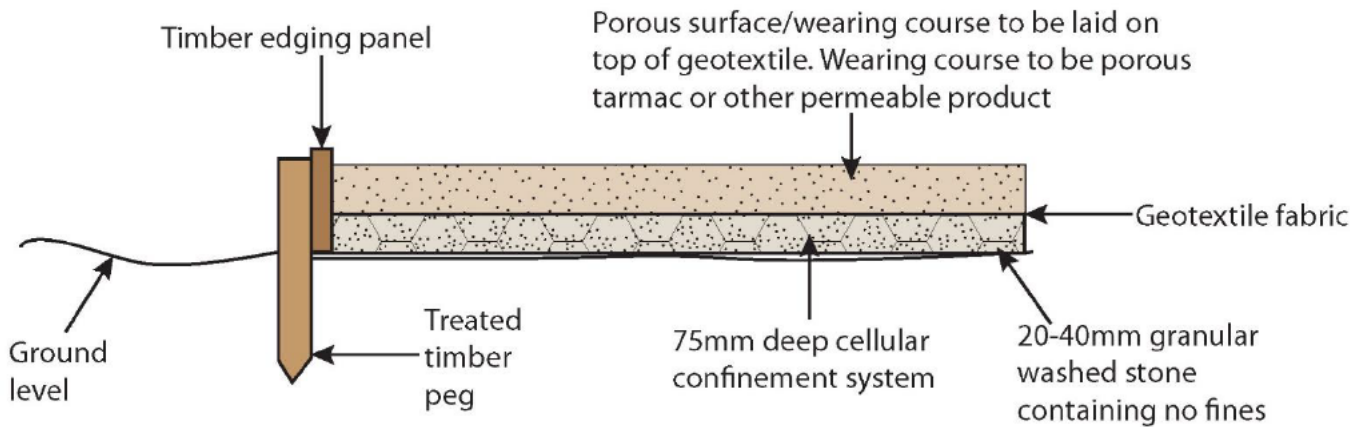


Figure 3: Recommended No-Dig Tent Floor Foundation Methodology Approach.

Ground Protection Matting

Suitably-rated ground protection matting is necessary to be laid surrounding the tent foundation footprint, as shown on the TPP, in order to mitigate soil compaction within the untouched areas of RPA during all working aspects.

The ground protection matting specification is advised to comprise of porous rubber matting, such as the example illustrated in Figure 4 below. The ground protection will link to the existing retained concrete paving access route, ensuring all personnel movement during the works are not tracking over unprotected RPA (grassed/ open soil areas), as repeated footfall with materials and equipment being carried could result in undue compaction.

No heavy materials or equipment should ever be stored upon this ground matting for extended periods of time unless it is suitably rated to withstand such loads.

Matting to be installed following the approved tree removal and pruning works.



Figure 4: Example 'ECOMAT' Rubber Ground Protection.

General Site Precautions and Requirements



<p>All retained trees</p>	<ul style="list-style-type: none"> • Cutting down, uprooting, damaging or otherwise destroying any tree that is proposed for retention is prohibited; • No access will be permitted inside tree protection / non-intervention areas (unless authorisation is obtained in writing from the LPA or overseen by project arborist). Appropriate signage will also be implemented along the tree protection fencing to highlight to contractors the need for careful working methods and importance of establishing construction exclusion zones; • No materials, equipment or debris will be stored within the RPA at any time and no fires will be lit on site. If during construction, there are any excessive levels of dust build-up on retained trees then trees must be hosed down immediately with a clean water supply; • Notice boards, telephone wires or other services must not be attached to any part of retained trees; • Materials which will contaminate the soil (e.g. concrete, cement, chemicals) must not be permitted within, or close to RPAs of retained trees. To avoid any associated damage or injury occurring to the trees as a direct result of contact with contaminants, works including cement mixing, will not be permitted inside or uphill from RPAs of any retained tree;
<p>Procedures for Incidents</p>	
<p>All Trees</p>	<p>If any breach of the approved construction methodology occurs or if during the operations that any tree roots above 25mm are identified during the working area, then the project arboriculturist must be contacted immediately to assess the situation using clear photo or video evidence of the incident provided by the relevant personal on site at the time. It may be decided that the arboriculturist should mobilise to site to investigate further and advise on any new suitable working methodologies to prevent incurring damage to tree roots. Any preventative action and details of agreed remedial works must be recorded and reported to the LPA.</p>

- 3.6 The TRRP shows how the site's most notable and valuable tree (T1) can be retained with limited RPA impacts as detailed above subject to appropriate mitigative measures.
- 3.7 The site access to be used throughout the tent installation involves the use of the existing concrete flags laid parallel to the northern boundary. This path will act as suitable ground protection for pedestrian movement during the development, for within the RPAs of T6 and T8. No concrete flags are to be lifted or replaced inside the RPAs of retained trees to avoid disturbances or the need for supplementary RPA protection measures. To improve the site access for safety (ensuring non-slip), laying rubber matting alike the prescribed ground protection above would be appropriate.



Plans

Plan 1: Tree Constraints Plan (165749_P01)

Plan 2: Tree Retention and Removal Plan (16574_P02)








Plan 3: Tree Protection Plan (16574_P03)

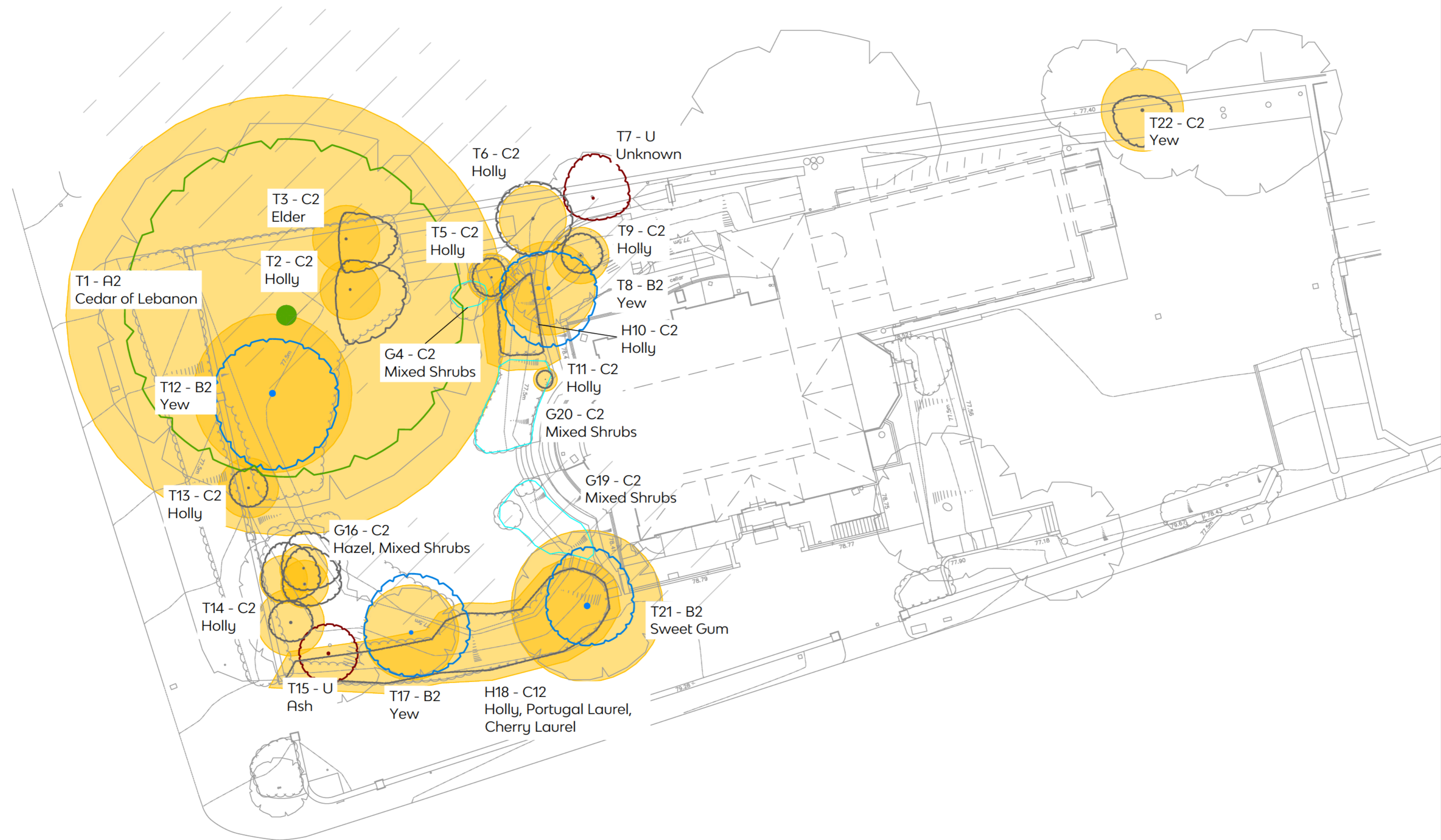
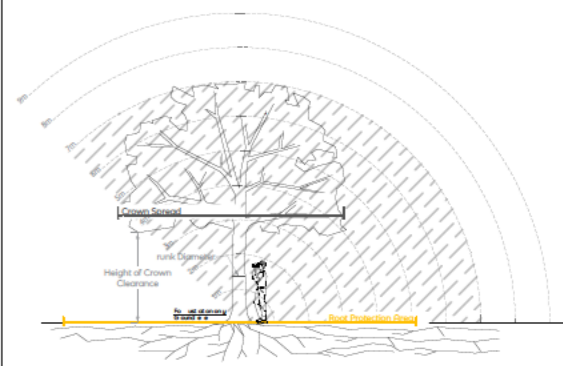
Appendices

Appendix 1: Tree Survey Schedule (16574_TSS01)

Appendix 2: Sketch Tent Elevations Plan

Appendix 3: Landscape General Arrangements Plan

-  Category A - Trees of High Quality and Value
 -  Category B - Trees of Moderate Quality and Value
 -  Category C - Trees of Low Quality and Value
 -  Category U - Trees Recommended for Removal
 -  Root Protection Areas
 -  Tree Shading Constraints
 -  Trees & Shrubs <75mm DBH
- *Denotes trees and groups not identified on topographical survey. Locations approximated using measurements taken on site.*



Rev	Description	Date
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Project title
Stride Treglow, Promenade House Gardens

Drawing title
Tree Constraints Plan

Scale 1:200 @ A2
Date 29.02.2024
Drawn BV
Checked JP

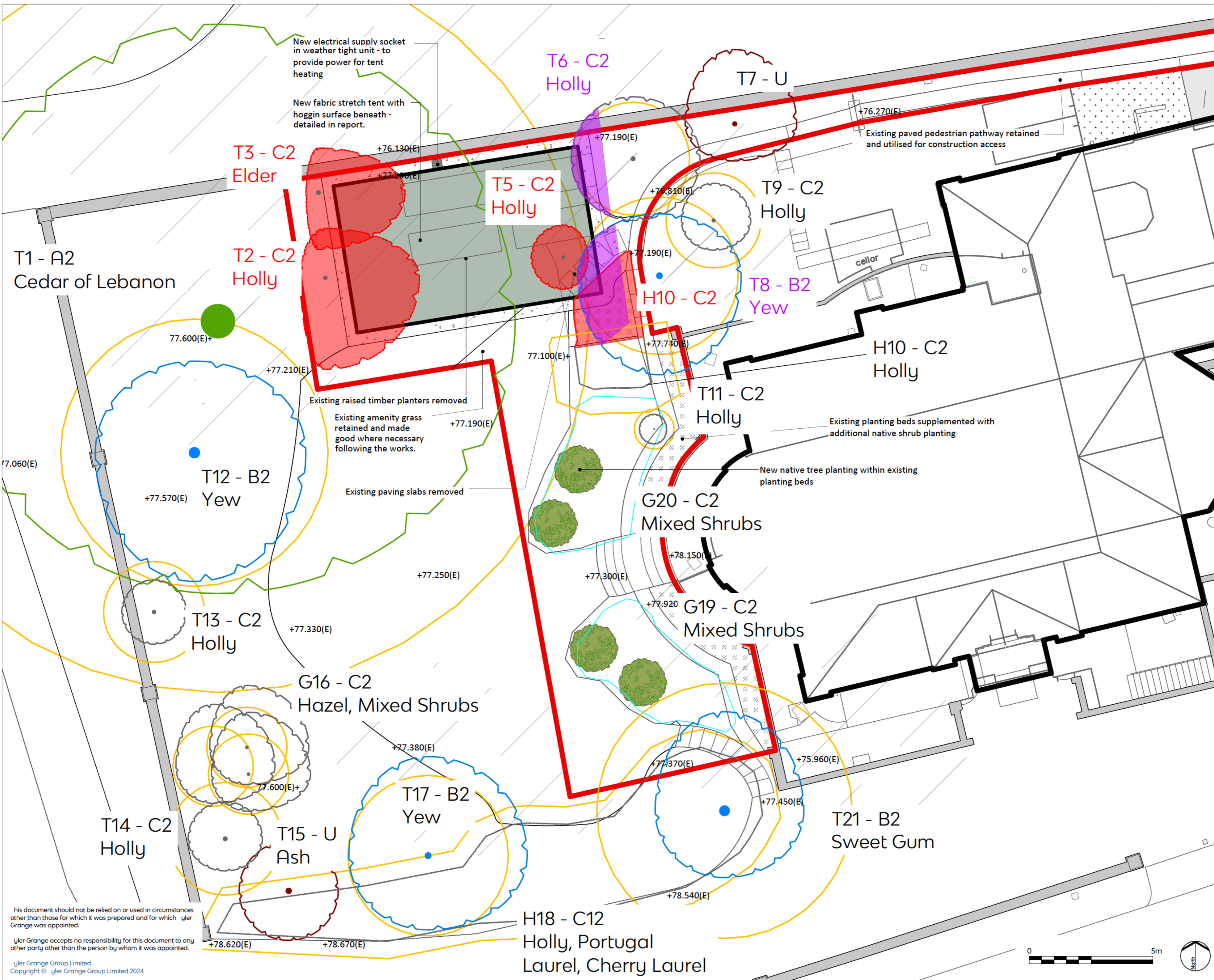
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Revision -

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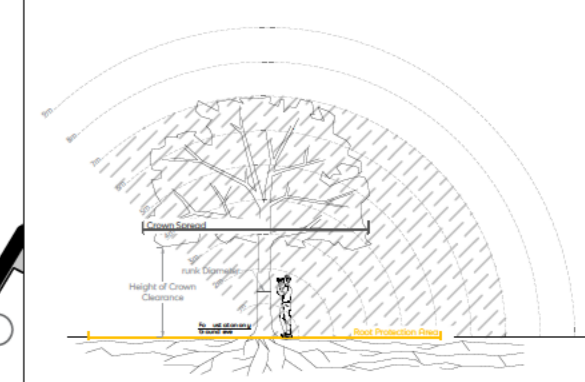
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- Application Boundary
- Category A - Trees of High Quality and Value
- Category B - Trees of Moderate Quality and Value
- Category C - Trees of Low Quality and Value
- Category U - Trees Recommended for Removal
- Root Protection Areas
- Tree Shading Constraints
- Trees & Shrubs <75mm DBH
- Tree Removals to Facilitate the Proposed Tent Installation
- Tree Crown Reduction/ Raising Works to Facilitate the Proposed Tent Installation (Works detailed in Report)



Rev	Description	Date



Project title
Stride Treglow, Promenade House Gardens

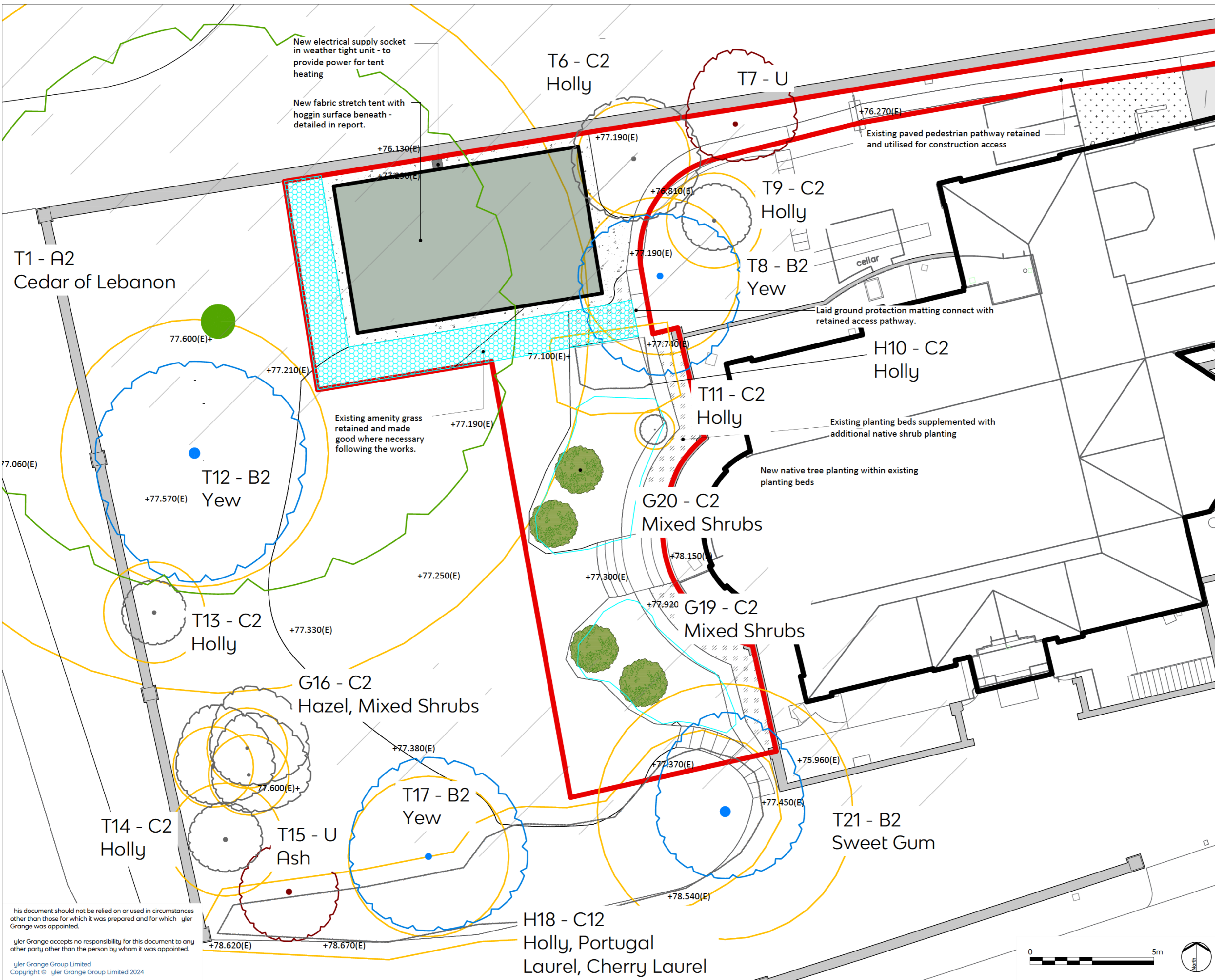
Drawing title
Tree Retention & Removal Plan

Scale Date 1:100 @ A2 06.03.2024 Drawn Checked BV JP

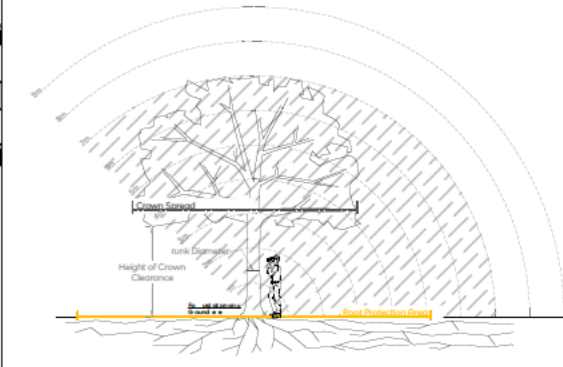
Drawing number 16574_P02_TRRP Revision -

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- Root Protection Areas
- Tree Shading Constraints
- Extent of Ground Protection Matting



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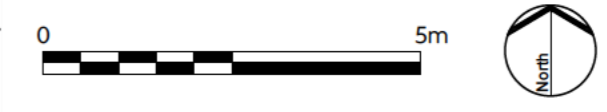
Tyler Grange
 Head Office: 97 Icknield Street, Hockley, Birmingham, B18 6RU

Project title
Stride Treglow, Promenade House Gardens

Drawing title
Tree Protection Plan

Scale Date 1:100 @ A2 07.03.2024 Drawn Checked BV JP

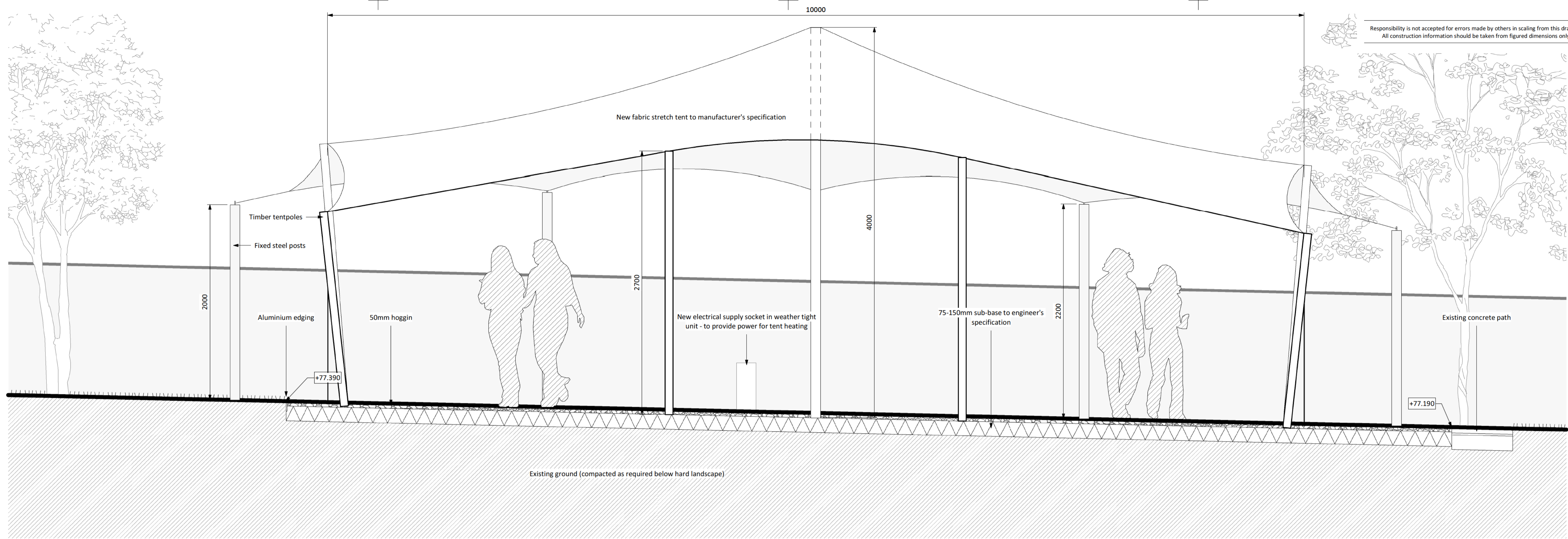
Drawing number 16574_P03_TPP Revision -



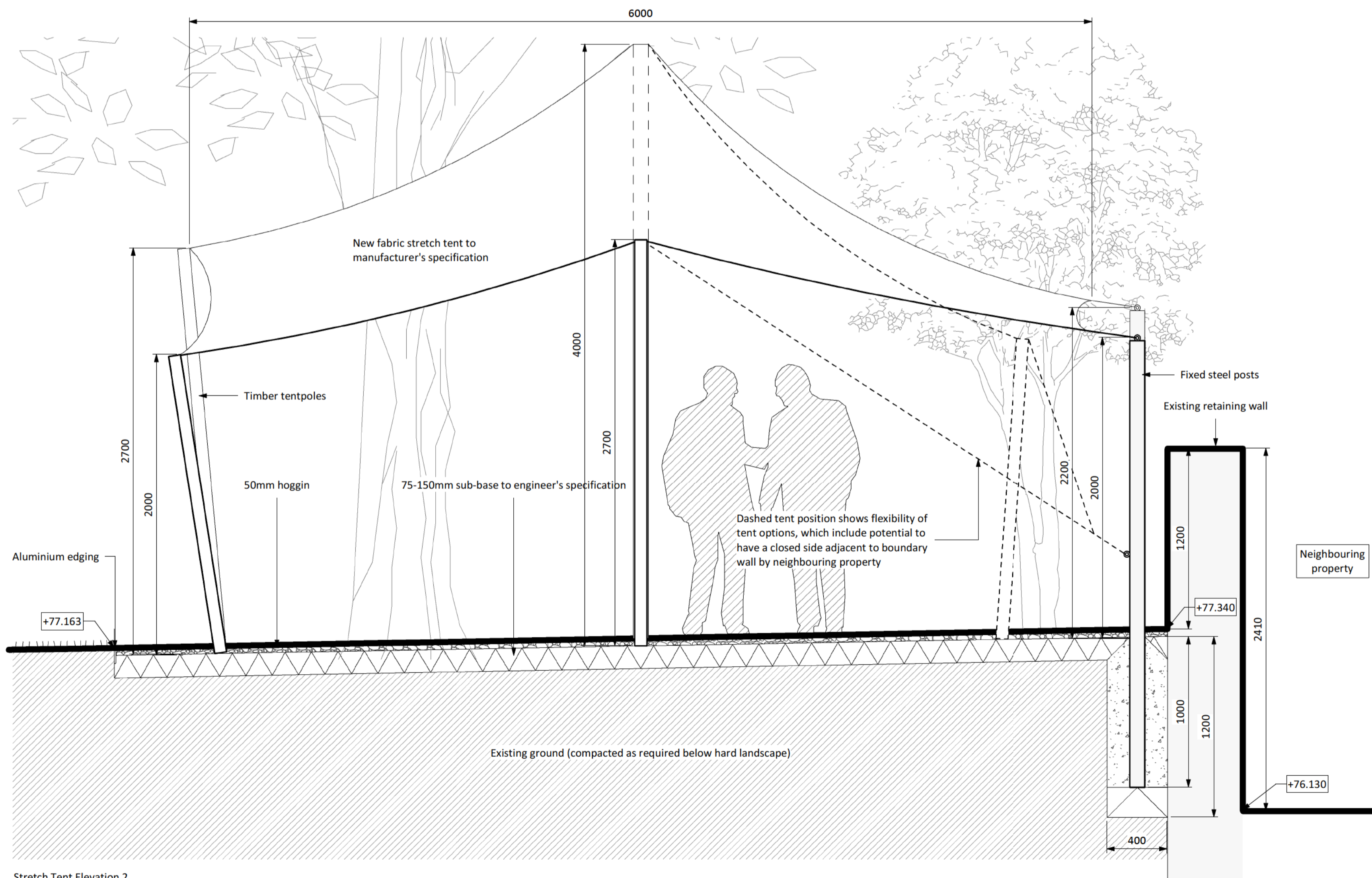
Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Stem Count	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m ²)
					N	E	S	W								
T1	Cedrus libani (Cedar of Lebanon)	21m	1390	1	12.00	12.00	11.00	11.00	4.80	Mature	Good	Good	R2	No obvious significant defects. Good quality with high landscape value. Historic minor crown reduction pruning, good recovery. Multiple cobra branch braces in canopy. Historic large stem branch pruning wounds almost fully occluded. Large historic branch tear on mid-lower stem. Green waste stored close to stem, branch and compost garden arisings. RPA likely offset to S and E due to retaining wall to north and West. Retaining wall to north approx. 4.8m away from stem, West approx. 4.5m away from stem.	15.0	707
T2	Ilex aquifolium (Holly)	5m	80,150	2	2.00	3.80	3.70	1.00	1.00	Semi Mature	Fair	Fair	C2	Low quality and value. Small with limited current landscape value. Plotted by eye on plan. Location estimated. Spindly habit. Sparse foliage. Dieback in crown.	2.0	13
T3	Sambucus nigra (Elder)	5m	180,60	2	1.80	3.50	2.30	0.50	0.50	Semi Mature	Fair	Fair	C2	Low quality and value. Small with limited current landscape value. Plotted by eye on plan. Location estimated. Poor shape and form. Dieback in crown.	2.3	16
G4	Mixed Shrubs (Mixed Shrubs)	1m	30-50	1	0.50	0.50	0.50	0.50	0.00	Young	Good	Good	N/A	Small, garden ornamental shrubs and Herbaceous plants <40mm in diameter. Soil landscaping area with 3 plants present including Lavender.	.6	1
T5	Ilex aquifolium (Holly)	7m	135	1	1.30	1.00	1.30	1.30	1.00	Semi Mature	Fair	Good	C2	Low quality and value. Small with limited current landscape value.	1.6	8
T6	Ilex aquifolium (Holly)	7m	190	1	2.50	2.70	2.50	2.50	2.00	Early Mature	Good	Good	C2	Moderate quality and value. Small with limited current landscape value. Ivy on stem. Ivy in crown.	2.3	16
T7	Unknown (Unknown)	7m	90,160,80	3	3.00	2.50	1.50	2.00	3.00	Semi Mature	Poor	Poor	U	Dead. Declining in health and condition. Poor shape and form. Weak and suppressed. Unbalanced crown shape. Paving slabs close to stem in RPA. Species unknown. Ivy on stem.	2.4	18
T8	Taxus baccata (Yew)	7m	265	1	2.50	3.30	4.00	3.30	2.50	Semi Mature	Good	Good	B2	Moderate quality and value. Kerb close to stem base. Located on bank. Multiple stems above 1.5m. Scattered deadwood. Path slabs close to stem. Rooted on sloped ground. Canopy clearance to NW is 3m. Clearance to S is 2m due to topography	3.2	32
T9	Ilex aquifolium (Holly)	8m	160	1	1.50	1.50	1.20	1.30	2.80	Early Mature	Fair	Good	C2	Low quality and value. Small with limited current landscape value. Ivy on stem and in canopy.	1.9	12

Tree Number	Common Species Name	Height (m)	Trunk Diameter (mm)	Stem Count	Crown Spread (m)				Height of Crown Clearance (m)	Age Class	Physiological Condition	Structural Condition	BS5837 Category	Comments/Preliminary Management Recommendations	RPA Radius (m)	Root Protection Area (m ²)
					N	E	S	W								
H10	Ilex aquifolium (Holly)	2m	50,55,60,65	4	0.50	0.50	0.50	0.50	0.00	Semi Mature	Good	Fair	C2	Low quality and value. Small with limited current landscape value. Regularly crown reduced. Path alongside eastern canopy extent with no live canopy due to shading from yew tree and path proximity pruning.	1.4	6
T11	Ilex aquifolium (Holly)	1m	50,45	2	0.60	0.50	0.60	0.60	0.00	Young	Good	Good	C2	Small, garden ornamental shrubs.	.8	2
T12	Taxus baccata (Yew)	7m	450	1	3.70	4.50	5.20	4.00	0.50	Early Mature	Good	Good	B2	Good quality, but of moderate value due to small size. Provides some screen. stem diameter inaccessible due to lower branches and good characteristic tree form with dense canopy and low ascending branches.	5.4	92
T13	Ilex aquifolium (Holly)	9m	170	1	1.30	1.30	1.30	1.30	3.00	Semi Mature	Good	Good	C2	Small with limited current landscape value.	2.0	13
T14	Ilex aquifolium (Holly)	8m	190	1	1.50	1.50	1.30	1.50	3.50	Semi Mature	Good	Good	C2	Small with limited current landscape value.	2.3	16
T15	Fraxinus excelsior (Ash)	11m	165,105,110,95	4	2.00	2.00	2.00	2.00	5.00	Semi Mature	Fair	Fair	U	Declining in health, likely due to Ash Dieback Disease.	2.9	27
G16	Corylus avellana (Hazel), Mixed Shrubs (Mixed Shrubs)	4m	75,80,60,50	4	2.50	2.50	1.50	1.50	1.70	Semi Mature	Good	Good	C2	Low quality and value. Small with limited current landscape value.	1.6	8
T17	Taxus baccata (Yew)	8m	270	1	4.00	4.00	3.00	3.20	3.20	Semi Mature	Good	Good	B2	No obvious significant defects. Moderate quality and value.	3.2	33
H18	Ilex aquifolium (Holly), Prunus lusitanica (Portugal Laurel), Prunus laurocerasus (Cherry Laurel)	3m	80	1	1.00	1.00	1.00	1.00	0.00	Semi Mature	Good	Good	C12	No obvious significant defects. Moderate quality and value. Provides some screen.	1.0	3
G19	Mixed Shrubs (Mixed Shrubs)	1m	50	1	0.50	0.50	0.50	0.50	0.00	Young	Good	Good	N/A	Small, garden ornamental shrubs. Includes newly planted Birch sp. Approx. 40mm diameter.	.6	1
G20	Mixed Shrubs (Mixed Shrubs)	1m	50	1	0.50	0.50	0.50	0.50	0.00	Young	Good	Good	N/A	Small, garden ornamental shrubs.	.6	1
T21	Liquidambar styraciflua (Sweet Gum)	10m	430	1	4.00	3.20	2.70	2.80	4.50	Early Mature	Fair	Good	B2	Moderate quality and value. Roadside tree, of value in the streetscene. Stem divides above 1.5m. Heavily crown reduced. Crudely lopped. Suppressed canopy due to recent major crown reduction pruning. Located in hedgerow; stem inaccessible for inspection and measurement.	5.2	84

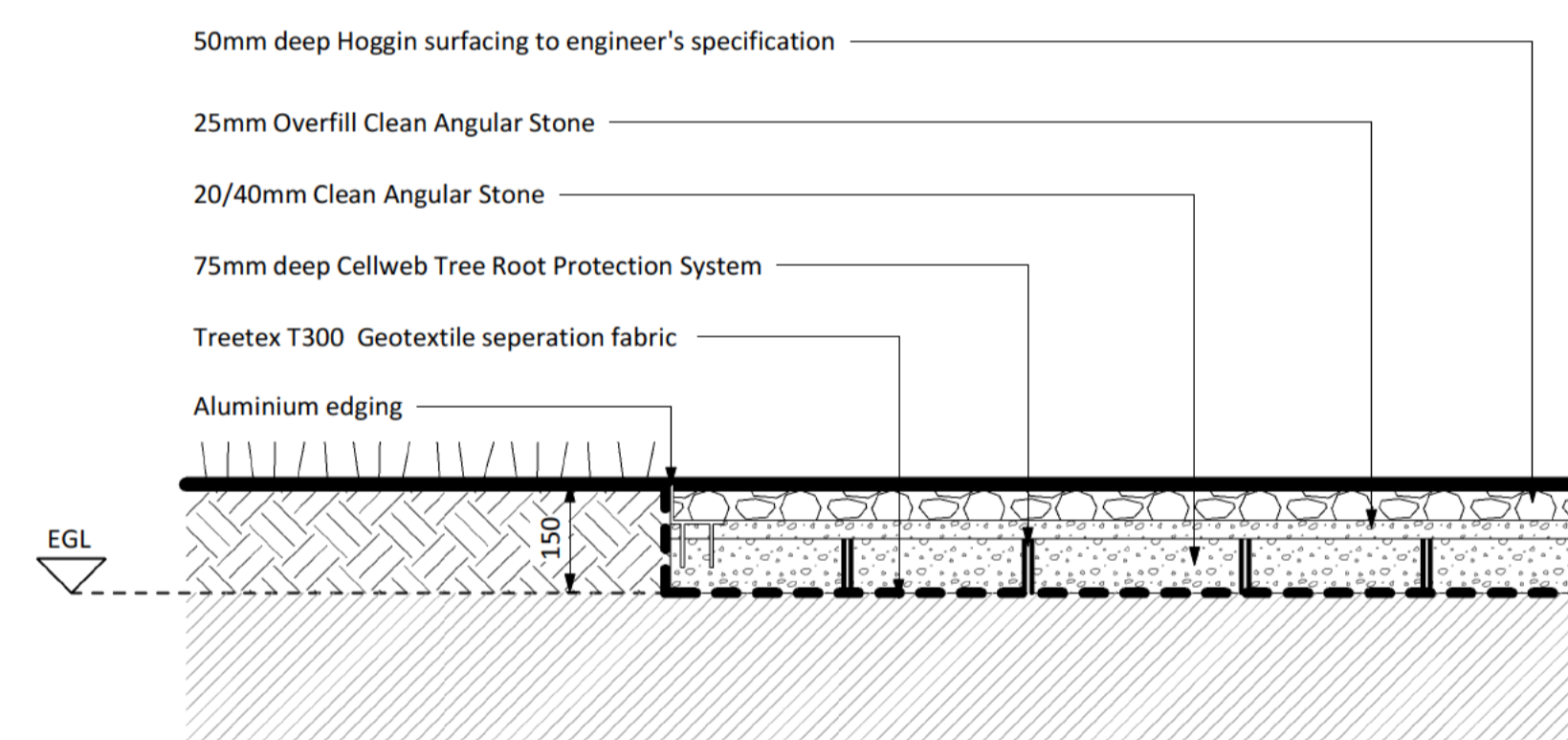
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					N	E	S	W								
T22	Taxus baccata (Yew)	5m	160,170	2	1.00	2.00	2.50	2.00	1.20	Semi Mature	Fair	Fair	C2	Low quality and value. Part of linear group. Unbalanced crown shape. Close to retaining wall. RPA restricted by wall and car parking hard surfacing. Cohesive canopy with dead Cherry tree along wall within RPA.	2.8	25



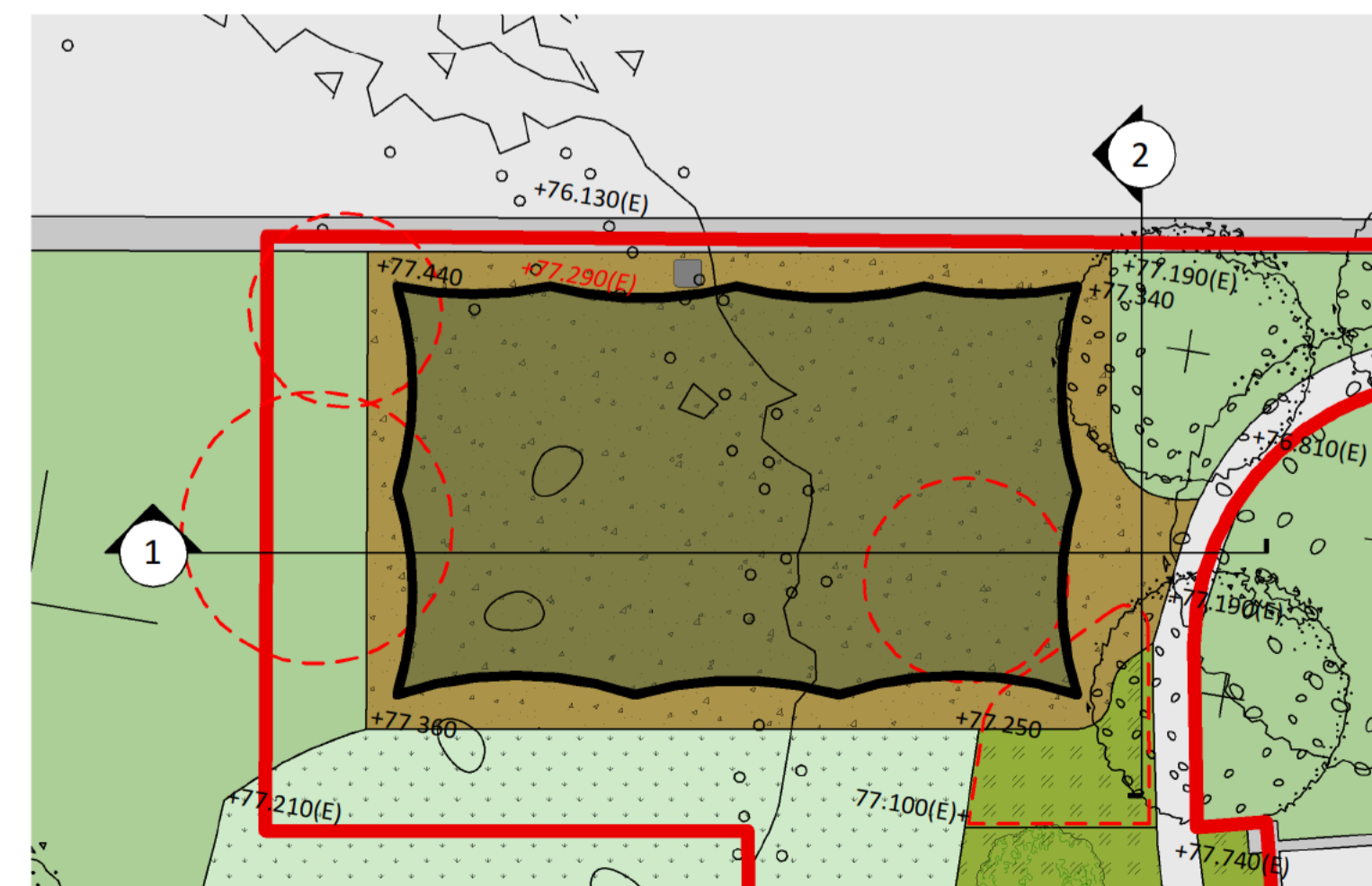
Stretch Tent Elevation 1
1:20



Stretch Tent Elevation 2
1:20



Grass - Metal Edge - Hoggin with Cellweb Build-Up
1:10



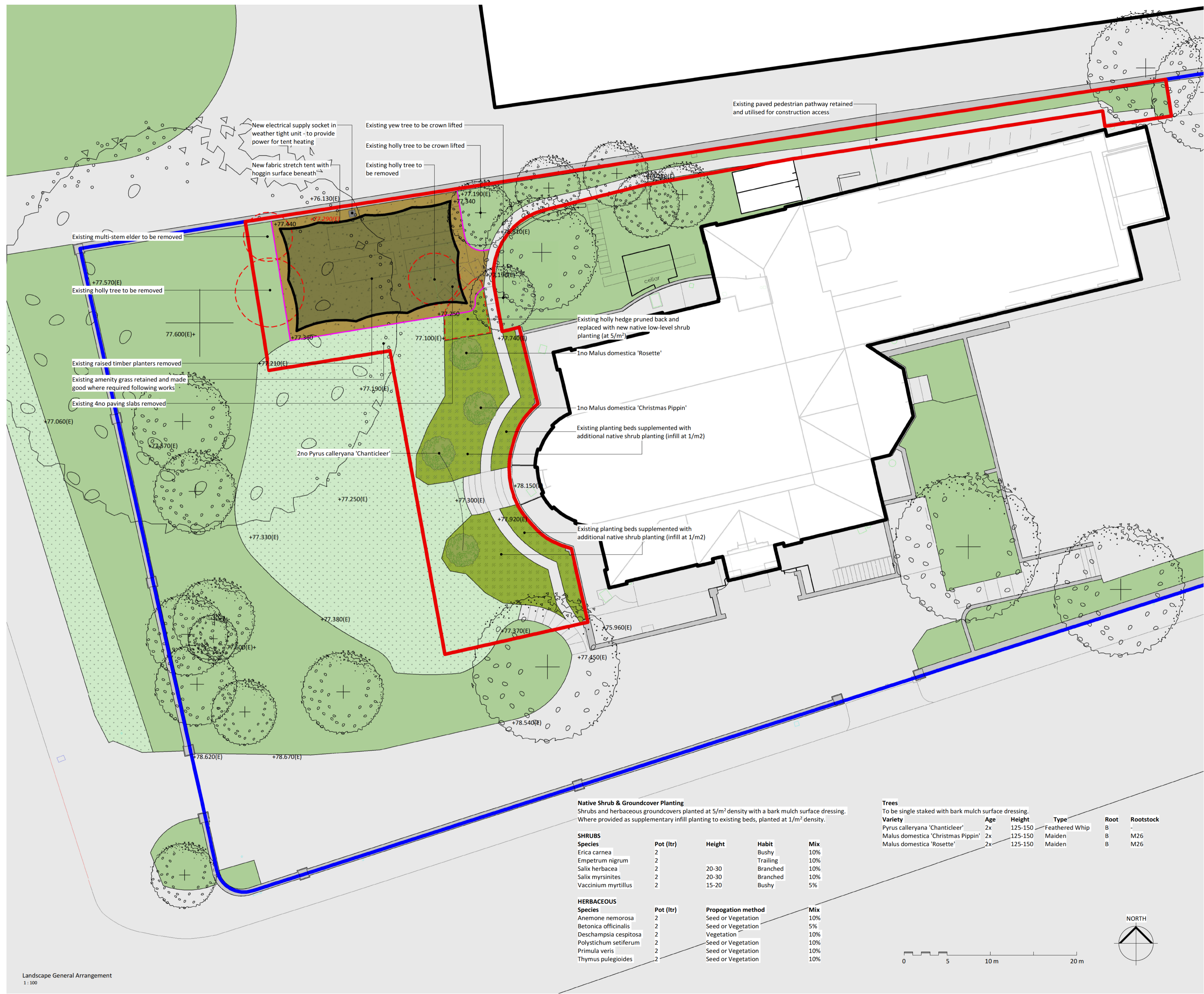
Stretch Tent Sections Location Plan
1:100

STATUS	REV	DATE	DESCRIPTION	REVISOR
PL	PL01	11/03/2024	Issued for Planning	ZM
CLIENT				REVISOR
				CHKD BY
				ORIGINATOR NO
				156459

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PROJECT
Garden Enhancements
Promenade House
Bristol
BS8 3NE

DRAWING TITLE
Stretch Tent Elevations and Interface Details

STATUS CODE	SCALE
PL : Authorized and accepted	As indicated@A1
DRAWING USAGE: PLANNING ISSUE	
PROJECT - ORIGINATOR - VOLUME - LEVEL - TYPE - ROLE - CLASS - NUMBER	STATUS - REVISION
156459-STL-XX-XX-DR-L-09600	PL_PL01



- KEY:**
- Site application boundary
 - Site ownership boundary
 - Existing trees
 - Existing trees and vegetation to be removed
 - Proposed native trees
 - Existing surrounding vegetation
 - Existing amenity grass area
 - Proposed native shrub planting
 - Existing surrounding hard landscape
 - Proposed hoggin bound gravel surface beneath and around tent canopy
 - Proposed fabric stretch tent 10m x 6m
 - Proposed electrical outlet socket for heating
 - Existing stone boundary wall
 - Aluminium Edging

- LEVELS**
- +00.000(E) Existing levels to be modified
 - +00.000(E) Existing levels to be retained
 - +00.000 Proposed new levels

PL	REV	DATE	DESCRIPTION	REVISION BY
PL	PL01	11/03/2024	Issued for Planning	ZM
CLIENT				REVISOR
Stride Treglown				BK
CONSULTANT				ORIGINATOR NO
STRIDE TREGLOWN				156459

PROJECT
Garden Enhancements
Promenade House
Bristol
BS8 3NE

DRAWING TITLE
Landscape General Arrangement

STATUS CODE
PL : Authorized and accepted

DRAWING USAGE: PLANNING ISSUE

PROJECT - ORIGINATOR - VOLUME - LEVEL - TYPE - ROLE - CLASS - NUMBER
156459-STL-XX-XX-DR-L-09000

STATUS - REVISION
PL_PL01

Native Shrub & Groundcover Planting
Shrubs and herbaceous groundcovers planted at 5/m² density with a bark mulch surface dressing. Where provided as supplementary infill planting to existing beds, planted at 1/m² density.

SHRUBS	Species	Pot (ltr)	Height	Habit	Mix
	Erica carnea	2		Bushy	10%
	Empetrum nigrum	2		Trailing	10%
	Salix herbacea	2	20-30	Branched	10%
	Salix myrsinites	2	20-30	Branched	10%
	Vaccinium myrtillus	2	15-20	Bushy	5%

HERBACEOUS	Species	Pot (ltr)	Propogation method	Mix
	Anemone nemorosa	2	Seed or Vegetation	10%
	Betonica officinalis	2	Seed or Vegetation	5%
	Deschampsia cespitosa	2	Vegetation	10%
	Polystichum setiferum	2	Seed or Vegetation	10%
	Primula veris	2	Seed or Vegetation	10%
	Thymus pulegioides	2	Seed or Vegetation	10%

Trees
To be single staked with bark mulch surface dressing.

Variety	Age	Height	Type	Root	Rootstock
Pyrus calleryana 'Chanticleer'	2x	125-150	Feathered Whip	B	M26
Malus domestica 'Christmas Pippin'	2x	125-150	Maiden	B	M26
Malus domestica 'Rosette'	2x	125-150	Maiden	B	M26

