

PUBLIC REALM DECK CONSTRUCTION  
300 HARROW ROAD  
WESTMINSTER

**Arboricultural Method Statement**

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## **1 INTRODUCTION**

### **1.1 Background**

1.1.1 Aspect Arboriculture are instructed by Westminster City Council and Willmott Dixon Construction Limited to prepare an Arboricultural Method Statement (hereafter the AMS) to inform the construction of a public realm deck associated with the redevelopment of 300 Harrow Road, Westminster.

1.1.2 Planning permission for the redevelopment has been granted subject to Conditions (application ref. 19/09638/FULL). Condition 29 includes the requirement for the scheme to accord with the submitted arboricultural detail and for a detailed strategy to be prepared to demonstrate how trees that are to be retained will be safeguarded throughout the redevelopment.

1.1.3 This Arboricultural Method Statement (AMS) and appended Tree Protection Plan (TPP) have been prepared in direct response to this request. They supplement a tree protection strategy prepared for the wider scheme (9873 AMS 001 Rev C) approved under application ref.20/06903/COGADF, and relate only to the construction of the scheme's public realm deck adjacent to T23-T25. Accordingly, they specify all safeguarding measures that must be managed to ensure the confident retention of retained trees during construction of the deck structure.

1.1.4 It is our understanding that this work will be submitted to, and approved by, Westminster City Council (hereafter the Council), prior to the commencement of any construction works occurring in relation to the proposed deck. Once approved, the safeguarding measures and works must be implemented as specified and maintained to the Council's satisfaction until completion of the development.

1.1.5 The confident protection of retained trees will be achieved through the use of the appended Tree Protection Plan (appendices A) and Works Auditing Schedule (appendix B), alongside other supporting documents included within appendices C-H.

### **1.2 Scope**

1.2.1 This work relates to arboriculture therefore reliance should not be given to comments made in respect of other disciplines i.e. civil engineering or construction phasing, without first referencing an appropriate expert.

### **1.3 Limitations**

1.3.1 This document has been prepared to inform safeguarding measures during construction and should not be interpreted as a report on tree health and safety. Reasonable effort has been made to identify visible defects whilst carrying out the tree survey, however trees are prone to natural failure without warning; no guarantee can be made as to the absolute safety of any of the trees surveyed.

1.3.2 Aspect's opinion of tree condition and structural potential is valid for limited period of 12 months from the date of survey. Validity is assumed in the absence of inclement weather and no change to the tree's existing context. A copy of the site's BS5837:2012 tree survey information is provided within appendix C.

## **2 ESSENTIAL WORK**

### **2.1 Tree Protection Plan**

2.1.1 The Tree Protection Plan (TPP) provided within appendix A will be relied upon during the construction of the public realm deck. It must be read in conjunction with the entirety of this document.

2.1.2 To prevent avoidable damage occurring to retained trees or erroneous tree loss, scaled A1 copy of the TPP, accompanied by a copy of this document will be provided to the Site Manager. This will ensure the site Manager is able to:

- Clearly identify all retained trees;
- Identify the correct locations for protective hoarding and ground boarding during construction;
- Identify features of the site that must be prepared/installed under an arboricultural watching brief;
- Request attendance of the Project Arboriculturist on site for site monitoring and to provide advice in case of any emerging issues;
- Demonstrate compliance with the Council's consent for the development by safeguarding trees which are to be retained and enable the Project Arboriculturist to evidence this by completing the Works Auditing Schedule (appendix B).

### **2.2 Tree Removals and Pruning Works**

2.2.1 All tree works were undertaken during the scheme's enabling works, therefore it will not be necessary to undertake any tree removals or additional pruning work to facilitate to construction of the proposed public realm deck. T23, T24 and T25 benefit from a crown clearance of c.5m, meaning there is sufficient working room beneath their canopy structures to install screw piles, concrete beams and structures.

### **2.3 Protective Barriers, Hoarding and Ground Boarding**

2.3.1 Protective timber hoarding installed during the scheme's enabling works around the trunks of T23, T24 and T25 should remain in-situ during the construction of the deck structure i.e. installation of screw piles and concrete structure. It will be necessary to remove trunk hoarding only to facilitate the installation of tree grilles, however this will be one of the final

tasks undertaken when installing finished surfaces (described further below at 2.5). Specification for trunk hoarding is provided at appendix D.

2.3.2 The layer of woodchip and ground boarding installed following demolition works must also remain in-situ during the construction of the deck structure to safeguard root protection areas against compaction. Specification for ground boarding is provided at appendix D.

2.3.3 It will be necessary to remove tree protection barriers to permit construction access and enable a 20 tonne excavator to position itself within a machinery working zone at the base of the existing embankment. The excavator is required to install screw piles via a screwhead attachment and is the only machine that can be utilised for the operation i.e. the smallest machine with sufficient reach and pressure to drive piles into their proposed locations from level ground. The excavator's working zone will utilise the level ground between the base of the embankment and footprint of the built form, as illustrated within the TPP at appendix A. Ground in the working zone will be protected by a minimum 200mm layer of woodchip and fixed ground boards, as per the specification provided at appendix D. Access to this zone will only be permitted under the supervision of the Project Arboriculturist, with protective barriers installed at its entrance to control access.

2.3.4 The Site Manager will be responsible for arranging attendance of the Project Arboriculturist, for the purpose of setting out barriers and for their monitoring during the development; issues will be resolved on site and reported to the Council's Arboricultural Officer by the Project Arboriculturist. Protective barriers, hoarding and ground boarding must be inspected on a monthly basis, unless otherwise agreed with the Council's Arboricultural Officer.

## 2.4 Structural Elements of Deck Construction

2.4.1 Structural elements of the deck construction which must be audited by the Project Arboriculturist are described below. The Site Manager will be responsible for arranging the attendance of the Project Arboriculturist at the appropriate time. Upon completion of each task, the Project Arboriculturist will provide a written summary to the Council's Arboricultural Officer confirming the works were undertaken to a satisfactory standard within 5 working days.

2.4.2 **Screw Piles:** Screw piles must be installed under the supervision of the Project Arboriculturist and by a 20 tonne excavator operating only from the permitted working zone. The excavator will utilise a screwhead attachment to drive piles into their proposed location, working from the western extent of the deck area to the eastern extent so as not to prevent the excavator existing the working zone.

2.4.3 With reference to appendix E, each screw pile location within T23, T24 or T25's RPAs have been tested via an air spade excavation to a minimum depth of 1000mm, to ensure piles do not conflict with roots larger than the BS5837:2012 threshold for significance i.e. roots larger than 25mm in diameter. The location, direction and size of all roots exposed during the investigation are recorded within the data and photographic record provided at appendix E.

- 2.4.4 Where large diameter roots were discovered during the investigation, alternate suitable pile locations were tested until the absence of conflict with large diameter roots could be confirmed. The only exception to this rule relates to pile location no. P09, where it has not been possible to avoid a c.46mm diameter root owing to limitations in the structural design and flexibility of the pile location. Three alternate locations were tested for P09, however the only zone which would avoid severing the root is not compatible with a structurally acceptable design owing to the piles relevance to the RC stub column connecting the lower and upper deck levels. Consequently, it is unavoidable and necessary to accept that a single root above the threshold for significance will be severed. This will generate a need to monitor T23-T25 post-construction, however it is considered unlikely to have a significant impact on tree health or vitality given the degree of protection which has been afforded to their wider RPAs. Further commentary on pile no.09 is provided from a structural perspective at appendix F.
- 2.4.5 **Concrete Beams and Slabs:** Concrete beams will be lifted into place by an 18m telehandler fitted with a lifting eye attachment from the northeast of the deck structure under the supervision of the Project Arboriculturist. The telehandler will operate from either outside of RPAs, the footprint of the existing hard surfacing north of T23-T25, or the permitted machinery working zone at the base of the embankment.
- 2.4.6 Beams will be attached to the network of screw piles and secured into position accordingly. Pre-cast concrete slabs and lattice slabs will follow via the same procedure, completing the structural element of the deck. Ground boards will be removed manually following completion of the structural elements, leaving woodchip in-situ beneath the deck.
- 2.4.7 Lifting operations will only be carried out under the supervision of the Project Arboriculturist, with particular consideration given to avoid harming tree crowns or trunks. Banksmen will assist the lifting operation at all times to facilitate this.

## 2.5 External Works and Hard Landscaping

- 2.5.1 Elements of the deck's external works and hard landscaping which must be audited by the Project Arboriculturist are described below. The Site Manager will be responsible for arranging the attendance of the Project Arboriculturist at the appropriate time. Upon completion of each task, the Project Arboriculturist will provide a written summary to the Council's Arboricultural Officer confirming the works were undertaken to a satisfactory standard within 5 working days.
- 2.5.2 **Tree Grilles:** Tree Grilles will be installed to the deck openings as per the approved detail submitted under application ref. 21/00692/COGADF (appendix G). To facilitate the installation of grilles it will be necessary to dismantle and remove protective trunk hoarding, which must be undertaken manually using hand tools only.
- 2.5.3 The grille framework and gridding will be attached to the deck structure manually owing to the restricted working zone, with any assistance lifting the grille provided by a lightweight machine (less than 5 tonnes) operating from the concrete deck structure or footprint of the

existing hard standing. This work must be completed under the supervision of the Project Arboriculturist.

- 2.5.4 ***Public Realm Hard Surfaces:*** As part of the landscape strategy, it will be necessary to remove and replace existing public realm hard surfaces which occur to the north of T23, T24 and T25, and to introduced finished surfaces to the deck structure. In all cases, proposed finished surface levels have been designed to avoid the requirement for excavation within T23, T24 and T25's RPAs (refer to Landscape Levels Drawings and Deck Sections provided at appendix H).
- 2.5.5 Where wearing courses are to be replaced, existing surfaces must be lifted sensitively under arboricultural supervision and broken out manually (where possible) or lifted carefully by a lightweight machine (less than 5 tonnes) operating outside of RPAs or from the footprint of existing hard surfaces. Replacement surfaces will be founded upon the existing sub-base and 100mm depth standard cell Cellweb filled with 20-20mm angular stone and a 30mm layer of bedding sand.
- 2.5.6 Where surfaces are to be converted to soft landscape, the same procedure must be adopted, leaving existing sub-bases (if present) in-situ and undisturbed, then capped with screened topsoil as per the approved Landscape Levels Drawings and Deck Sections provided at appendix H.
- 2.5.7 Where the deck meets the existing topography i.e. the interface zone, it will be necessary to accommodate the introduction of multiple layers of Cellweb filled with 20-40mm angular stone, to tie the deck level into finished ground levels immediately to the north of T23, T24 and T25. The extent of build up in the interface zone varies according to the existing topography (refer to the approved Landscape Levels Drawings and Deck Sections provided at appendix H). Areas where CellWeb must be utilised are identified with a blue hatch within the TPP (appendix A). CellWeb must be installed manually under arboricultural supervision and adopt the following procedure:
- a) The Project Arboriculturist will brief the installation team on the importance of preventing soil compaction, oxygen/moisture restriction and the need for any excavation work within RPAs which may incur unnecessary root severance.
  - b) Once existing wearing courses have been removed from the RPAs of T23, T24 and T25 no plant will be permitted to enter the area until Cells have been laid and filled with angular stone.
  - c) To prevent migration of the infill material and future loss of structural integrity, the area receiving Cellweb must be covered with a porous geotextile underlay. This is to occur before installation of the cellular confinement system.
  - d) The cellular confinement system will be staked and expanded across the installation footprint area then cut to size.
  - e) Angular stone will be introduced by a lightweight dumper (1 tonne) tracking only over areas already filled with stone.
  - f) Final wearing course to be installed as per the submitted hard and soft landscape detail provided at appendix H).



2.5.8 Finished surfaces to the deck structure (including surface drainage) will not require any special treatment on account that they do not make direct contact with T23, T24 or T25's RPAs.

## 2.6 Proposed Order of Works

- i. Deck construction pre-commencement site meeting between the Project Arboriculturist, Site Manager and the Council's Arboricultural Officer. Stages of arboricultural auditing/monitoring requirements will be identified/agreed.
- ii. Tree protection barriers to be relocated and confirmation that ground boards are installed as per the TPP, and prior to deck construction works commencing.
- iii. The Council's Arboricultural Officer shall be informed of the proposed commencement date as soon as possible, to allow the inspection of protection measures.
- iv. The Site Manager will assume responsibility for arranging the attendance of the Project Arboriculturist to oversee, relocation of barriers and for the supervision of construction works within retained trees' RPAs, as detailed at 2.4 and 2.5 and within the Works Auditing Schedule (appendix B).
- v. The Site Manager will also assume responsibility for arranging attendance of the Project Arboriculturist for the monitoring of barriers and protective ground boards at monthly intervals for the duration of construction works. Erection of barriers and monitoring is included within the Works Auditing Schedule (appendix B).

## 2.7 **Points of Contact:**

### 2.7.1 Project Arboriculturist:

1. Dr Richard Curtis (Aspect Arboriculture)  
Director  
Telephone: 01295 276066  
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3. Justin Hodges (Aspect Arboriculture)  
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### 2.7.2 Principal Contractor:

4. Agron Ahmetaj (Willmott Dixon Construction)  
Site/Construction Manager  
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Email: [Anthony.Dowling@willmottdixon.co.uk](mailto:Anthony.Dowling@willmottdixon.co.uk)
5. Stuart Rooney (Willmott Dixon Construction)  
Site/Construction Manager  
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### 2.7.3 Westminster City Council:

6. Jamie Newman (Westminster City Council)  
Arboricultural Officer  
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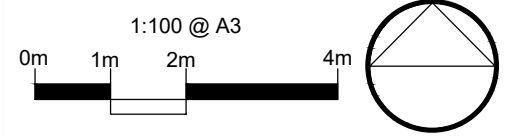
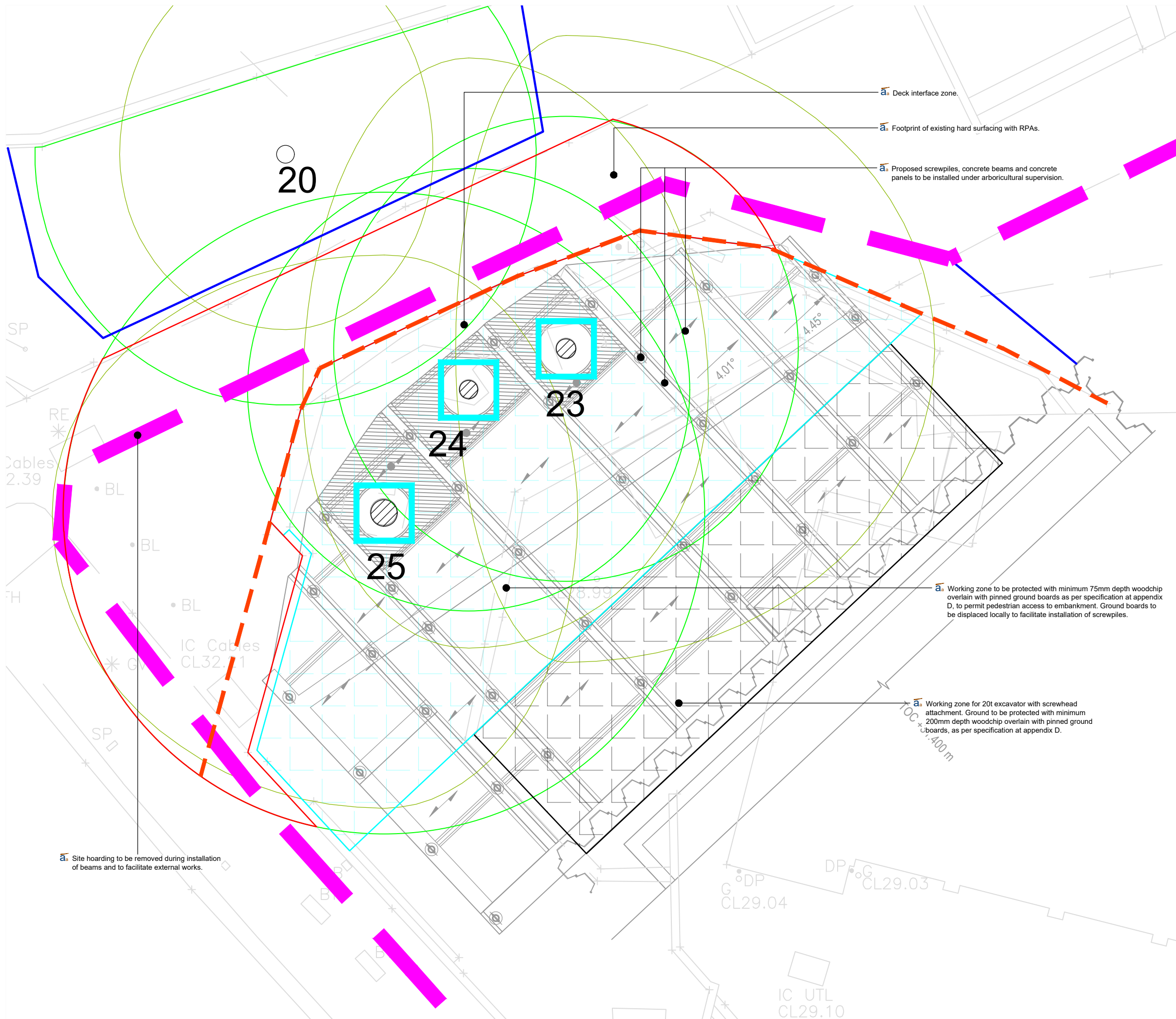
### **3 CONCLUSIONS**

- 3.1 This document has been prepared in response to Condition 29 of planning consent ref. 19/09638/FULL, and relates to the construction of the public realm deck associated with the redevelopment of 300 Harrow Road, Westminster. The document has been informed by guidance provided in BS5837:2012 including details of the site's existing trees, and supplements an existing tree protection prepared for the wider scheme (9873 AMS 001 Rev C) approved under application ref.20/06903/COGADF.
- 3.2 This document and its supporting work (Appendices A - H) identifies all features of the deck construction that must be managed to facilitate the confident protection of T23, T24 and T25.
- 3.3 To ensure confident tree retention, siting of ground boarding, tree protection barriers, and specified construction work must be audited by the Project Arboriculturist; the outcome of these works will be reported to the Site Manager and the Council's Arboricultural Officer on completion within five days. These elements are specified within the Works Auditing Schedule (appendix B).
- 3.4 It is Aspect's opinion that, subject to strict adherence to this document, elements of the redevelopment detailed therein can be implemented without incurring harm to retained trees.

## APPENDICES

**APPENDIX A**

PUBLIC REALM DECK CONSTRUCTION TREE PROTECTION PLAN – 9873 TPP 04 (Deck)



- KEY:**
- Site Boundary
  - 15 Tree Numbers
  - Tree Canopies
  - [B] Category 'U' Trees
  - Category 'A' RPA
  - Category 'B' RPA
  - Category 'C' RPA
  - Protective Timber Hoarding
  - Tree Protection Barrier
  - Ground Boarding laid over 200mm depth woodchip
  - Existing Hard Surface within RPAs
  - Site Hoarding
  - Ground Boarding laid over 75mm depth woodchip
  - Edge of Existing Asphalt

a Site hoarding to be removed during installation of beams and to facilitate external works.

a Working zone to be protected with minimum 75mm depth woodchip overlain with pinned ground boards as per specification at appendix D, to permit pedestrian access to embankment. Ground boards to be displaced locally to facilitate installation of screw piles.

a Working zone for 20t excavator with screwhead attachment. Ground to be protected with minimum 200mm depth woodchip overlain with pinned ground boards, as per specification at appendix D.

REV	DATE	NOTE	Drawn	Chk'd
REVISIONS				

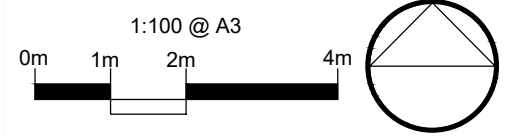
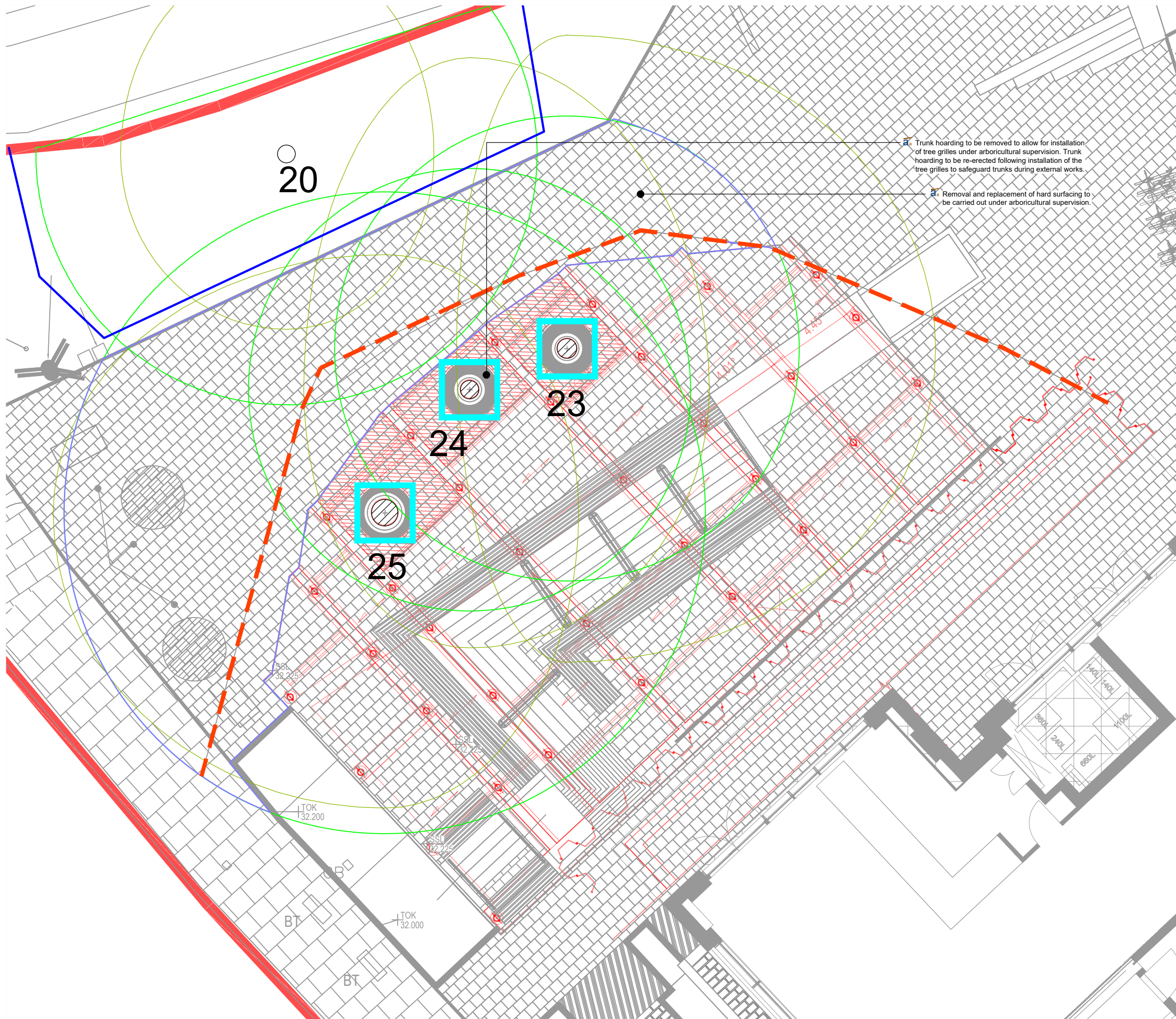


TITLE  
**Harrow Road, London  
 Tree Protection Plan**

CLIENT  
**City of Westminster**

SCALE 1:100 @ A3	DATE NOV 2021	DRAWN GW
DRAWING NUMBER 9873 TPP 04 (Deck) (1/2)		REVISION

Based on: HAR-STA-V4-ZZ-DR-S-200300.dwg



- KEY:**
- Site Boundary
  - 15 Tree Numbers
  - Tree Canopies
  - Category 'U' Trees
  - Category 'A' RPA
  - Category 'B' RPA
  - Category 'C' RPA
  - Protective Timber Hoarding
  - Replacement Hard Surface within RPAs
  - Edge of Existing Asphalt
  - Tree Protection Barrier

a Trunk hoarding to be removed to allow for installation of tree grilles under arboricultural supervision. Trunk hoarding to be re-erected following installation of the tree grilles to safeguard trunks during external works.

b Removal and replacement of hard surfacing to be carried out under arboricultural supervision.

REV	DATE	NOTE	Drawn	Chk'd
REVISIONS				



TITLE  
**Harrow Road, London  
 Tree Protection Plan**

CLIENT  
**City of Westminster**

SCALE 1:100 @ A3	DATE NOV 2021	DRAWN GW
DRAWING NUMBER 9873 TPP 04 (Deck) (2/2)		REVISION

Based on: P20123-00-001-GIL- XR Details - DECK.dwg

**APPENDIX B**

**WORKS AUDITNG SCHEDULE**



## Works Auditing Schedule

Works Requiring Auditing	Tree No.	Date Undertaken	Date Reported to Council
<b>1:</b> Deck construction pre-commencement meeting identifying tree protection barrier, ground boarding and trunk hoarding locations and safeguarding measures, as specified within 9873_AMS.002 and illustrated on drawing no. 9873_TPP.04.	As drawn		
<b>2:</b> Inspection of tree protection barriers, ground boarding and trunk hoarding prior to commencement of construction works by Project Arboriculturist.	As drawn		
<b>3:</b> Installation of screw piles.	As drawn		
<b>4:</b> Installation of concrete beam and slab structure.	As drawn		
<b>5:</b> Installation of tree grilles.	As drawn		
<b>6:</b> Replacement of public realm hard surfaces.	As drawn		
Monthly inspection of installed tree protection barriers, trunk hoarding and ground boarding as specified within 9873_AMS.002 and illustrated on drawing no. 9873_TPP.04.	As drawn		

*This schedule will be completed as evidence that works have been undertaken as per the approved methodology.*

*An audit of each site visit will be sent to the Council's Arboricultural Officer within 5 working days of each site visit.*

**APPENDIX C**

TREE SURVEY SCHEDULE - 9873 TS 01 Rev A

**BS 5837:2012 Tree Schedule: 300 Harrow Road, Westminster**

BS5837:2012 Tree Survey: Explanation of Survey Criteria

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	radial							

*Sequential reference number cited on all aspect drawing.*

*e.g.: young, semi-mature, early-mature, mature or over-mature*

*Area around tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability, and where the protection of roots and soil structure is a priority. \*The RPA has been manipulated to allow for various site features, i.e. roads, structures or changes in levels. Please refer to the Tree Constraints Plan for these changes.*

*Height and Crown spread measured to the nearest half meter; # denotes where this is estimated.*

*Category prefix A-C denotes arboricultural quality, decreasing from A (high) to C (low); Subcategories 1, 2 and 3 highlight associated arboricultural (1), landscape (2) and ecological (3) qualities.*

*Category U trees are those in such a condition that they cannot be realistically retained as living trees in the current context for the long term.*

*Measured to the nearest 10mm; # denotes estimated diameter where access is not possible.*

*e.g.: above-average, average, below average or dead*

*General observations, i.e. defects, preliminary management recommendation, presence of pests/disease, perceived significance.*

*Height of first significant branch and/or canopy*

*e.g.: good, indifferent, poor, or hazardous*

**Colour band key:**

- Category A
- Category B
- Category C
- Category U

The following survey should not be interpreted as a report on tree health and safety. Aspect's opinion of tree condition and structural potential is valid for a limited period of 12 months from the date of inspection. Validity is assumed in the absence of inclement weather and no change to the trees existing setting.

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
1	Golden Rain Tree	225	5m	3.25	3.25	2.25	3		3	2	Semi Mature	Below Average	Poor	Historic damage to south canopy and scaffold Canopy bias to north	C12	2.7
2	Crack Willow	970	13m	4	1	5	4.5		2	5#	Mature	Below Average	Poor	Recently pollarded Tight included union at c. 2m Previously lost companion to east Canopy structure bias to south-west	C12	11.7
3	Sycamore	660	18m	7.75	7	8	6.75		3	3	Mature	Average	Indifferent	Established ornamental planting Surface roots visible around base within soft landscape Forms co-dominant leaders from a primary union at c. 1.5m - included bark present at union Lost companion to west Canopy appears slightly bias to east	B12	7.8
4	Golden Rain Tree	220	5.5m	3.25	3.5	3.25	4		2	1.75	Semi Mature	Below Average	Indifferent	Low extension growth Structure appears typical for species	C12	2.7
5	Golden Rain Tree	240	8m	1.25	3	4.75	4.75		1.75	4	Semi Mature	Below Average	Poor	Sparse canopy Suppressed by adjacent Cypress Previously unsympathetically crown lifted	C12	3
6	Cockspur	350#	9m#						6#	1.5#	1.5#	Average	Indifferent	Inaccessible, unable to thoroughly inspect Structure appears typical for species Established ornamental planting	B1	4.2
7	Cherry	250#	8m	5.25#	5.25	2	5.25		1.5#	1.75#	Early Mature	Average	Poor	Inaccessible, unable to thoroughly inspect Structure appears typical for species Suppressed by adjacent Cypress	C12	3
8	Cotoneaster	150#	5m						4#	0.5#	0.5#	Average	Indifferent	Inaccessible Ornamental shrub Considered to be of low arboricultural quality	C12	1.8
9	Narrow Leaved Ash	455	11m	5.5	6.5	7.25	6.25		3.5	2-5	Early Mature	Below Average	Indifferent	Established ornamental planting Surface roots visible around base within soft landscape / and tree pit surface Structure appears typical for species Some epicormic growth throughout structure	B12	5.4
10	Narrow Leaved Ash	470	13m	6	7	7	6.5		3	2-5	Early Mature	Average	Indifferent	Established ornamental planting Average internal minor deadwood Structure appears typical for species Appears to be a grafted specimen - graft at ground level	A12	5.7
11	Narrow Leaved Ash	320	9m	5	5	5.5	4.75		2.5	2.5	Early Mature	Average	Indifferent	Established ornamental planting Surface roots visible around base within soft landscape / and tree pit surface Some epicormic growth throughout structure Partially cohesive with companions to north and west	B12	3.9
12	Golden Rain Tree	180 130 140	6m	2.25	5	4	3		0.5	1.75	Semi Mature	Average	Poor	Forms multiple leaders from c. 0.5m Partially suppressed by companions Leans to south-west Planting stake occluded with lower trunk	C12	3
13	Sycamore	550	14m	6.5	6.75	7#	7.25		2.5	4-6	Early Mature	Average	Indifferent	Established ornamental planting Structure typical for species Moderate example of species	B12	6.6

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
14	Silver Birch	300#	12m					4#	2#	2#	Early Mature	Average	Indifferent	Inaccessible, unable to thoroughly inspect Structure appears typical for species Established ornamental planting	B1	3.6
15	Sycamore	2*150 120#	13m	3.75	3.5	3.5#	3.25		2.5	2.5#	Semi Mature	Average	Poor	Inaccessible Unable to thoroughly inspect Appears to be a multi-stemmed self set specimen	C12	3
16	Lime	365	14m	5.25	4.75	4.25	5		3.5	1.75	Early Mature	Average	Good	Established ornamental planting Structure typical for species Well balanced scaffold and canopy	B12	4.5
17	Lime	435	16m	5.5	6.25	6.5	6		2.25	2-4	Early Mature	Average	Good	Established ornamental planting Structure typical for species Well balanced scaffold and canopy	B12	5.7
18	Crab Apple	120 90 140	7m	1	1.25	3	2		1.5	2	Semi Mature	Below Average	Poor	Suppressed by adjacent companion Forking at c. 0.2m above ground level Stems then occlude again at c. 1.75m	C12	2.4
19	Tulip	480	14m	6.5	5	5.5	6		3.5	2	Early Mature	Average	Indifferent	Established ornamental planting Surface roots lifted cobbles around base Large canopy, slightly unbalanced Moderate example of species	B12	5.7
20	Lime	485	18m	5.5#	4	4.75	4.5		5	1.75	Early Mature	Average	Indifferent	Established ornamental planting Forking at c. 5m and forms co-dominant leaders Structure appears typical for species Prominent on Harrow Road and canal frontage	A2	5.7
21	Sycamore	115	5m	2.5	3.25	2	1.75		1.5	1.5	Young	Average	Poor	Self-set specimen Suppressed by T22	C12	1.5
22	Sycamore	520	18m	6.5	6.5	6#	4		2	5	Mature	Below Average	Indifferent	Partially cohesive with T23 Some epicormic growth throughout canopy Trunk retained by small retaining wall to north and south	B12	6.3
23	London Plane	530	20m	8.5	10	8.5	3		5	5	Mature	Average	Indifferent	T23-T25: Cohesive collection of established London Plane Occupying an embankment between Harrow Road, the public realm to the north and hardstanding associated with the extant built form to the south-east	A12	6.3
24	London Plane	500	20m	9	6.5	7	4.5		3.5	4	Mature	Average	Indifferent	Embankment is surfaced with paving slabs Structures appear typical for species Collectively hold a large canopy coverage Considered to be of high arboricultural value as a collection	A12	6
25	London Plane	720	20m	7	5.25	8	9		4	4	Mature	Average	Indifferent		A12	8.7
26	London Plane	650	21m	5.25	6	8.75	7		5	2-4	Mature	Average	Indifferent	Partially cohesive with companions to north Occupying an embankment between Harrow Road, the public realm to the north and hardstanding associated with the extant built form to the south-east Embankment is surfaced with paving slabs Structure appears typical for species Good example of the species	A12	7.8
27	Japanese Pagoda	260	11m	4.5	4.5	2	5#		2.5	2.5	Semi Mature	Average	Poor	Ornamental planting Partially suppressed by adjacent companion Leans/canopy bias to north	C12	3

Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
28	Cherry	330	12m	6.5	4.5	4.5	4		2	1.75	Early Mature	Average	Indifferent	Large surface roots to east and west Established ornamental planting Structure appears typical for species	B1	3.9
29	Indian Bean	340	12m	5	3.75	4	3.75		2	3.5	Early Mature	Average	Indifferent	Established ornamental planting Structure appears typical for species Previously crown lifted to north over amenity space	B1	4.2
30	Silver Birch	90	8m					1.75	1.75	1.75	Young	Average	Indifferent	Establishing ornamental planting Structure typical for species Radial canopy	C12	1.2
31	Silver Birch	100	10m					1.75	1.75	1.5	Young	Average	Indifferent	Establishing ornamental planting Structure typical for species Radial canopy	C12	1.2
32	Silver Birch	65	5m	1.5	1	2	2		1.75	1	Young	Below Average	Poor	Establishing ornamental planting Structure typical for species Radial canopy	C12	0.9
33	Horse Chestnut	600	13m	4.75	4	5.5	6#		2.5	4	Mature	Average	Poor	Suppressed by adjacent companion to north Epicormic growth on scaffold structure Previously crown lifted to north and east over allotment gardens Considered to be moderate value with companions	B2	7.2
34	Ash	640	19m	11	9.5	10.5	7		4	5	Mature	Below Average	Indifferent	Partially cohesive with adjacent companions Structure appears typical for species Some internal deadwood Epicormic growth throughout canopy, slightly sparse	B12	7.8
35	Beech	750	18m	9	4.5	6.75	5.5		4	5	Mature	Average	Indifferent	Previously crown lifted and reduced/selectively pruned to north, east and south Scaffold structure is typical for species Considered to be of moderate quality	B12	9
36	Turkey Oak	510	16m	5.5	5	5.75	6.5		6	3	Early Mature	Average	Indifferent	Balanced scaffold and canopy Previously crown lifted Average minor deadwood Moderate example of species	B12	6
37	Turkey Oak	500	14m	5.5	7	6	6		6.5	3.75	Early Mature	Average	Indifferent	Balanced scaffold and canopy Previously crown lifted Average minor deadwood Moderate example of species	B12	6
38	Norway Maple	500	14m	6.5	6.5	5.75	6.5		3.5	2.75	Early Mature	Average	Indifferent	Established ornamental planting Structure typical for species Balanced scaffold structure and canopy Historic impact wounds to north on trunk at c. 1.5m Large prominent surface roots visible in soft landscape	B12	6
39	Ash	570	18m	7.75	9.75	9.5	9.5		3	2	Mature	Average	Good	Offsite Established ornamental planting Structure typical for species Wide spreading crown Some epicormic growth on scaffold structure	A12	6.9

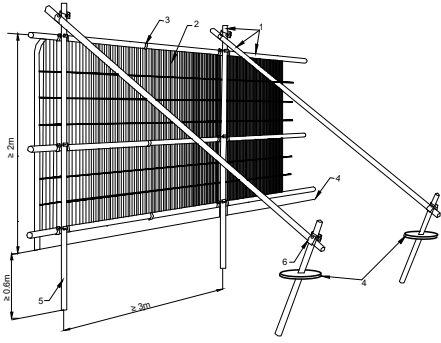
Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					First Significant Branch (m)	Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	Radial								
40	Ash	470	16.5m	4.5	7.25	4.5	5.25		3	2	Early Mature	Average	Poor	Component of cohesive collection of predominantly Ash located offsite Epicormic growth throughout canopy	B2	5.7
41	Norway Maple	500	12m	6.75	5	5	5.5		3.5	3	Early Mature	Below Average	Poor	Bark stripped on north east side up to c. 2.25m Cohesive with companions Evidence of historic storm related failures throughout scaffold	C12	6
42	Ash	410	16m	7	4.25	5	7		4.5	7	Early Mature	Average	Poor	Component of cohesive collection of predominantly Ash located offsite Epicormic growth throughout canopy Evidence of historic storm related failures throughout scaffold	B2	4.8
43	Ash	420	14m	5.75	4	7	8.75		2.25	1.75	Early Mature	Average	Poor	Component of cohesive collection of predominantly Ash located offsite Epicormic growth throughout canopy Evidence of historic storm related failures throughout scaffold	B2	5.1
44	Lime	390	12m	3	6.5	6	3.25		2.75	3.25	Early Mature	Average	Indifferent	Suppressed by adjacent London Plane to north Average epicormic growth throughout scaffold structure	B2	4.8
45	London Plane	740	23m	10.75	10	7	6.25		4.5	3	Mature	Average	Indifferent	Previously crown lifted - most wounds have occluded well Small pocket cavity at c.4.5m previously reduced to provide clearance from adjacent building	A2	9
G1	Leyland Cypress	400# max	18m max					4 max	1#	1.75 av	Early Mature to Mature	Average	Poor	Inaccessible, unable to thoroughly inspect Cohesive collection of unmaintained Cypress Considered to be of low arboricultural quality	C12	4.8
G2	Corsican Pine	260 av	12m max					2.75 max	2 av	1.75 av	Semi Mature	Average	Indifferent	Cohesive collection of 3no, Corsican Pine at c. 4m spacings Stems 2m from fence Moderate quality as a collection, but of low individual significance	B2	3



**APPENDIX D**

**TREE PROTECTION BARRIER AND GROUND BOARDING SPECIFICATIONS**

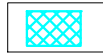
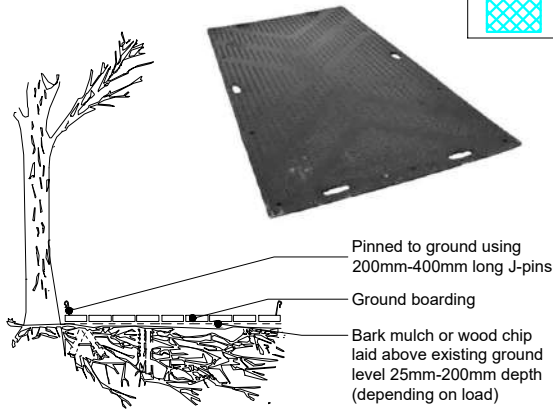
Default Barrier Specification, cited BS 5837:2012



**Key**

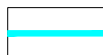
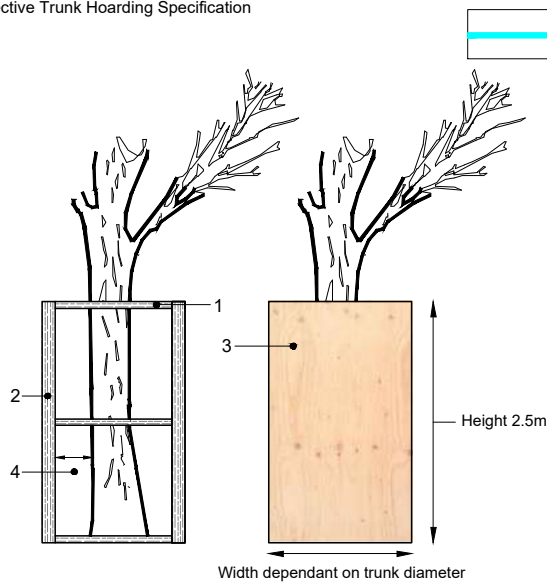
- 1 Standard scaffold poles
- 2 Heavy gauge 2m tall heras panel
- 3 Panels secured to uprights and cross-members with wire ties
- 4 Ground level
- 5 Uprights driven into the ground until secure (minimum depth 0.6m)
- 6 Standard scaffold clamps

Trakmat® Ground Protection



Example of Polyethylene Trakmat® Ground Protection. Image obtained from www.grassform.co.uk

Protective Trunk Hoarding Specification



**Key**

- 1 Timber frame to support plywood panels, not to be attached to tree trunk
- 2 Timber Posts 100mm x 100mm
- 3 Plywood panels attached to timber frame, 12mm thickness minimum
- 4 Frame to be installed to achieve a 200mm offset from trunk

REV	DATE	NOTE	Drawn	Chk'd
REVISIONS				



TITLE

Harrow Road, London  
Protective Barrier and  
Ground Boarding Specification

CLIENT

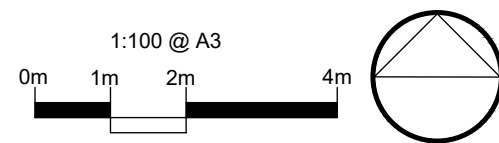
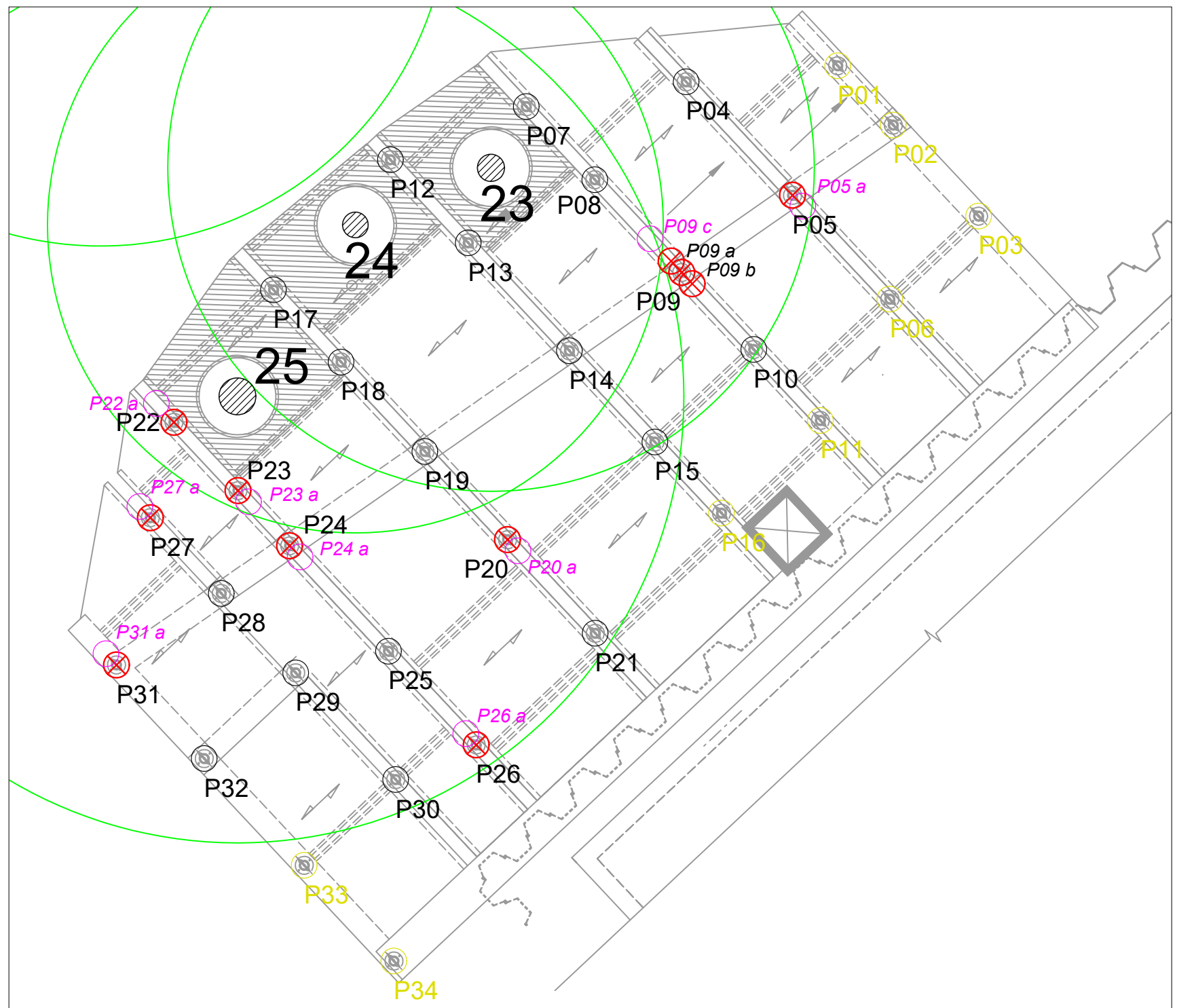
City of Westminster

SCALE Not to scale	DATE JUL 2020	DRAWN GW
DRAWING NUMBER 9873 PB.GB.S 01		REVISION

**APPENDIX E**

T23-T25 GROUND INVESTIGATION

Screw Pile Ref	No. of roots discovered	Depth of root	Direction of travel	Diameter of root	Distance and direction of adjustment	Notes
P01						Located outside of RPA.
P02						Located outside of RPA.
P03						Located outside of RPA.
P04						Unable to test pile location owing to the presence of a large concrete block. Large diameter roots are assumed to be absent within its footprint.
P05	R1 R2 R3	55mm 390mm 635mm	East to West East to West West to East	8mm 13mm 34mm		
P05a	Fibrous network	75mm - 674mm	Not Applicable	Less than 5mm	300mm to the south towards P06	
P06						Located outside of RPA.
P07						Unable to test pile location owing to the presence of a large concrete block. Large diameter roots are assumed to be absent within its footprint.
P08	R4 R5 Fibrous network	423mm 385mm 50mm - 530mm	West to East South West to North East Not Applicable	16mm 9mm Less than 5mm		
P09	R6	750mm	West to East	46mm		
P09a	R6	760mm	West to East	44mm	300mm to the north towards P08	
P09b	R6	625mm	West to East	44mm	300mm to the south towards P10	
P09c	None				900mm to the north towards P08	
P10	None					
P11						Located outside of RPA.
P12	R7 R8 Fibrous network	309mm 649mm 35mm - 874mm	West to East West to East Not Applicable	11mm 8mm Less than 5mm		
P13	R9 R10 R11 R12 Fibrous network	312mm 336mm 173mm 560mm 45mm - 620mm	West to East South West to North East East to West West to East Not Applicable	12mm 18mm 13mm 31mm (edge of excavation) Less than 5mm		
P14	R13	951mm	North to South	11mm		
P15	None					
P16						Located outside of RPA.
P17	R14 Fibrous Network	727mm 50mm - 655mm	North to South Not Applicable	8mm Less than 5mm		
P18	R15 R16 Fibrous network	295mm 316mm 55mm - 710mm	North to South West to East Not Applicable	6mm 10mm Less than 5mm		
P19	R17 R18 R19 R20	890mm 960mm 60mm 343mm	East to West North to South North to South North East to South West	24mm 22mm 65mm (edge of excavation) 44mm (edge of excavation)		Distance between R19 and R20 is 530mm, sufficient to accommodate pile.
P20	R21 Fibrous Network	520mm - 770mm 100mm to 420mm	East to West Not Applicable	27mm Less than 5mm		
P20a	R21 Fibrous Network	520mm - 770mm 135mm - 470mm	East to West Not Applicable	27mm (edge of excavation) Less than 5mm	300mm to the south towards P21	
P21	None					
P22	R22 (buttress root) Fibrous Network	50mm 30mm - 200mm	North East to South West Not Applicable	93mm Less than 5mm		
P22a	R36 R37 R38 R39 R40 R41	20mm 800mm 140mm 181mm 495mm 204mm	North to South North East to South West East to South East to South East to West East to West	27mm (edge of excavation) 58mm (edge of excavation) 22mm 24mm 85mm (edge of excavation) 78mm (edge of excavation)	500mm to the north	Distance between R36, R37 and R40 is 530mm, sufficient to accommodate pile.
P23	R23 R24 Fibrous Network	253mm 345mm 40mm - 420mm	North to South West to East Not Applicable	25mm 20mm Less than 5mm		
P23a	R23 R24 Fibrous Network	260mm 330mm 40mm - 500mm	North to South West to East Not Applicable	25mm (edge of excavation) 20mm Less than 5mm	300mm to the south towards P24	
P24	R25 Fibrous Network	76mm 40mm - 670mm	North East to South West Not Applicable	25mm Less than 5mm		
P24a	R34 R35 Fibrous Network	36mm 181mm 26mm - 759mm	North West to the South East North to the South Not Applicable	12mm 20mm (edge of excavation) Less than 5mm	300mm to the south towards P25	
P25	R26 Fibrous Network	777mm 239mm - 720mm	South to North Not Applicable	39mm Less than 5mm		
P26	R26 Fibrous Network	777mm 390mm - 805mm	South to North Not Applicable	39mm Less than 5mm		
P26a	R26 Fibrous Network	777mm 340mm - 810mm	South to North Not Applicable	39mm Less than 5mm	300mm to the north towards P25	
P27	R27 Fibrous Network	175mm 50mm - 720mm	North East to South West Not Applicable	245mm Less than 5mm		
P27a	R27 Fibrous Network	175mm 55mm - 787mm	North East to South West Not Applicable	245mm (edge of excavation) Less than 5mm	300mm to the north, along beam alignment.	Distance between R27 and edge of excavation is 560mm, sufficient to accommodate pile.
P28	R28 Fibrous Network	373mm 65mm - 505mm	North West to the South East Not Applicable	23mm Less than 5mm		
P29	R29 Fibrous Network	287mm 35mm - 729mm	North East to South West Not Applicable	12mm Less than 5mm		
P30	R30 Fibrous Network	368mm 243mm - 610mm	South East to North West Not Applicable	16mm Less than 5mm		
P31	R31 R32 R33 Fibrous Network	298mm 511mm 849mm 148mm - 794mm	North to South North to South North West to the South East Not Applicable	8mm 55mm 33mm Less than 5mm		
P31a	R31 R32 Fibrous Network	300mm 294mm 47mm - 745mm	North to South North to South Not Applicable	8mm 70mm (edge of excavation) Less than 5mm	300mm to the north, along beam alignment.	Distance between R32 and edge of excavation is 560mm, sufficient to accommodate pile.
P32	R32 Fibrous Network	294mm 30mm - 770mm	North to South Not Applicable	70mm (edge of excavation) Less than 5mm		
P33						Located outside of RPA.
P34						Located outside of RPA.



- KEY:
- Tree Numbers
  - Category 'A' RPA
  - Pile location outside of RPA
  - Pile location acceptable
  - Pile location clashes with large diameter root (i.e. over 25mm)
  - Acceptable Alternate Screwpile Location

REV	DATE	NOTE	Drawn	Chk'd
REVISIONS				

**aspect arboriculture**

TITLE  
Harrow Road, London  
T23-T25 Ground Investigations

CLIENT  
City of Westminster

SCALE	DATE	DRAWN
1:100 @ A3	AUG 2021	GW
DRAWING NUMBER	REVISION	
9873 GIP 04 (T23-T25)		

Based on: HAR-STA-V4-ZZ-DR-S-200300.dwg



P05



P05a



P08



P09



P09a



P09b



P09c



P10



P12



P13



P14



P15

REV	DATE	NOTE	Drawn	Chk'd
REVISIONS				

**aspect** arboriculture

TITLE  
**Harrow Road, London  
 T23-T25 Ground Investigations  
 Photographic Record**

CLIENT  
**City of Westminster**

SCALE N/A	DATE AUG 2021	DRAWN GW
DRAWING NUMBER 9873 PS 01 (1/3)		REVISION



P17



P18



P19



P20



P20a



P21



P22



P22a



P23



P23a



P24



P24a

REV	DATE	NOTE	Drawn	Chk'd
REVISIONS				

**aspect** arboriculture

TITLE  
**Harrow Road, London**  
**T23-T25 Ground Investigations**  
**Photographic Record**

CLIENT  
**City of Westminster**

SCALE N/A	DATE AUG 2021	DRAWN GW
DRAWING NUMBER 9873 PS 01 (2/3)		REVISION



P25



P26



P26a



P27



P27a



P28



P29



P30



P31



P31a



P32

REV	DATE	NOTE	Drawn	Chk'd
REVISIONS				

**aspect** arboriculture

TITLE  
**Harrow Road, London**  
**T23-T25 Ground Investigations**  
**Photographic Record**

CLIENT  
**City of Westminster**

SCALE N/A	DATE AUG 2021	DRAWN GW
DRAWING NUMBER 9873 PS 01 (3/3)		REVISION

**APPENDIX F**

STANTEC DECKING AIR SPADE SURVEY STRUCTURAL COMMENTARY



## 1.1 Air Spade Survey - Structural Commentary

- 1.1.1 Precast beams are proposed due to difficulty of forming in-situ beams at height and with onerous topography in the decking area. The beams are designed for both temporary and permanent conditions. Due to the required step in the decking, the beams will be craned in 2no sections as shown in the figure 1 below.
- 1.1.2 The design has been developed to allow as much flexibility in pile locations as practicable to minimise the impact of the decking structure on the RPAs of Trees T23, T24 & T25. Roots encountered during the air spade survey works have successfully informed new locations for the effected piles with the exception of P09.
- 1.1.3 The P09 location was found to contain a root (R6) that appeared to run towards P10. Whilst a location to the north, P09c, was found to be suitably free of roots, relocating P09 to this location would produce an unacceptably large span for the lower-level precast beam to cantilever in the temporary case, i.e. from P10.
- 1.1.4 It is therefore proposed that approval for the pruning of R6 at the P09 location is requested from the Tree Officer.

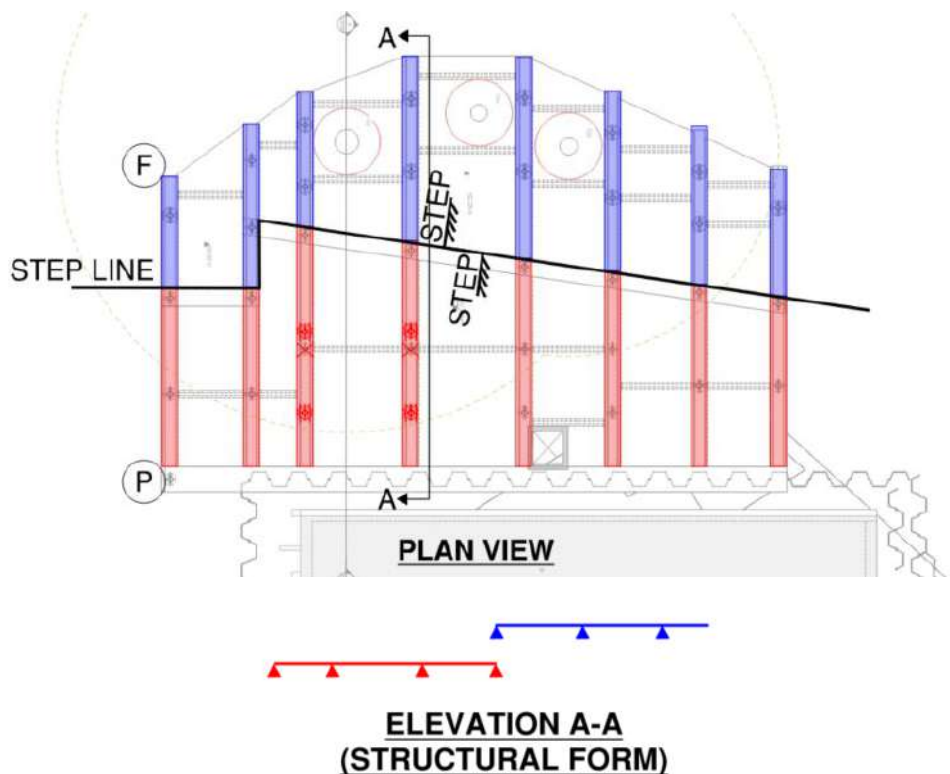
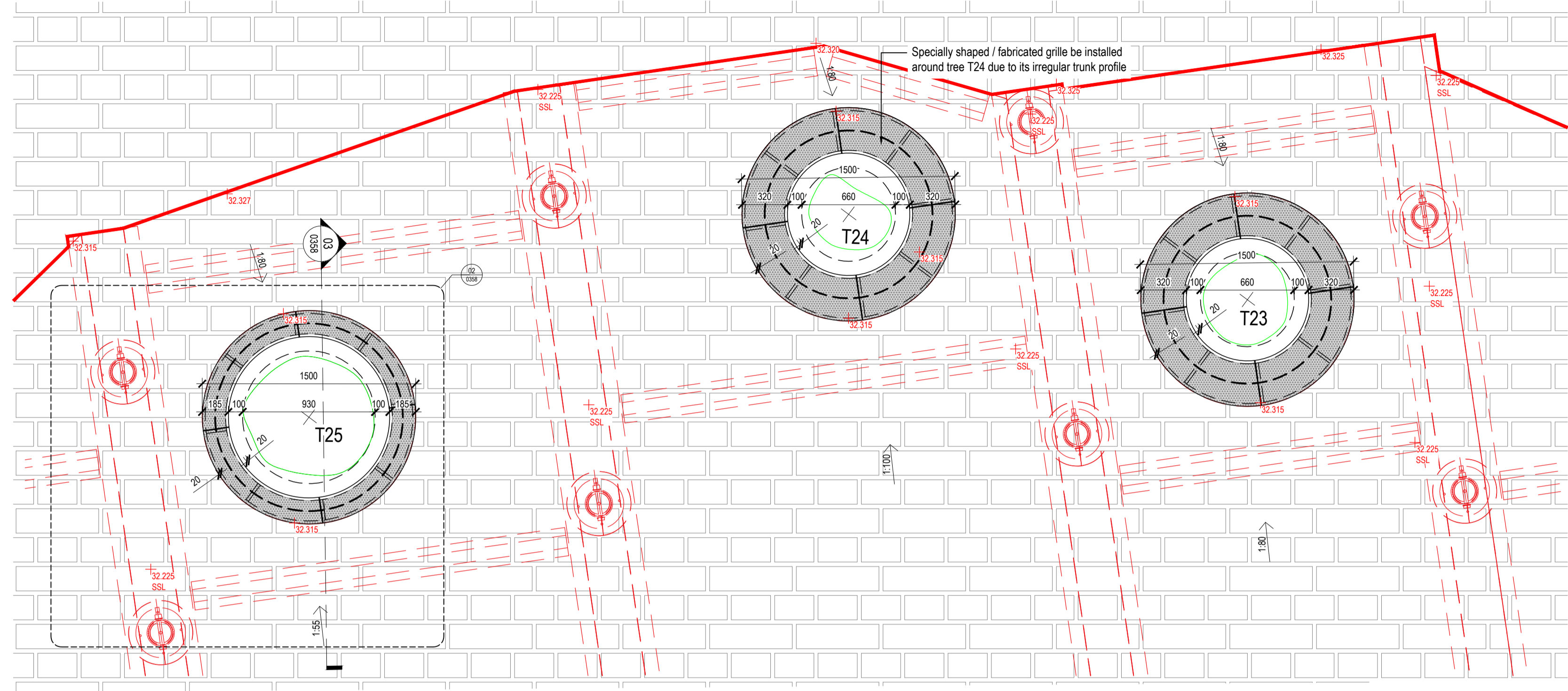


Figure 1 – Temporary condition beam plan (top), elevation (bottom).

**APPENDIX G**

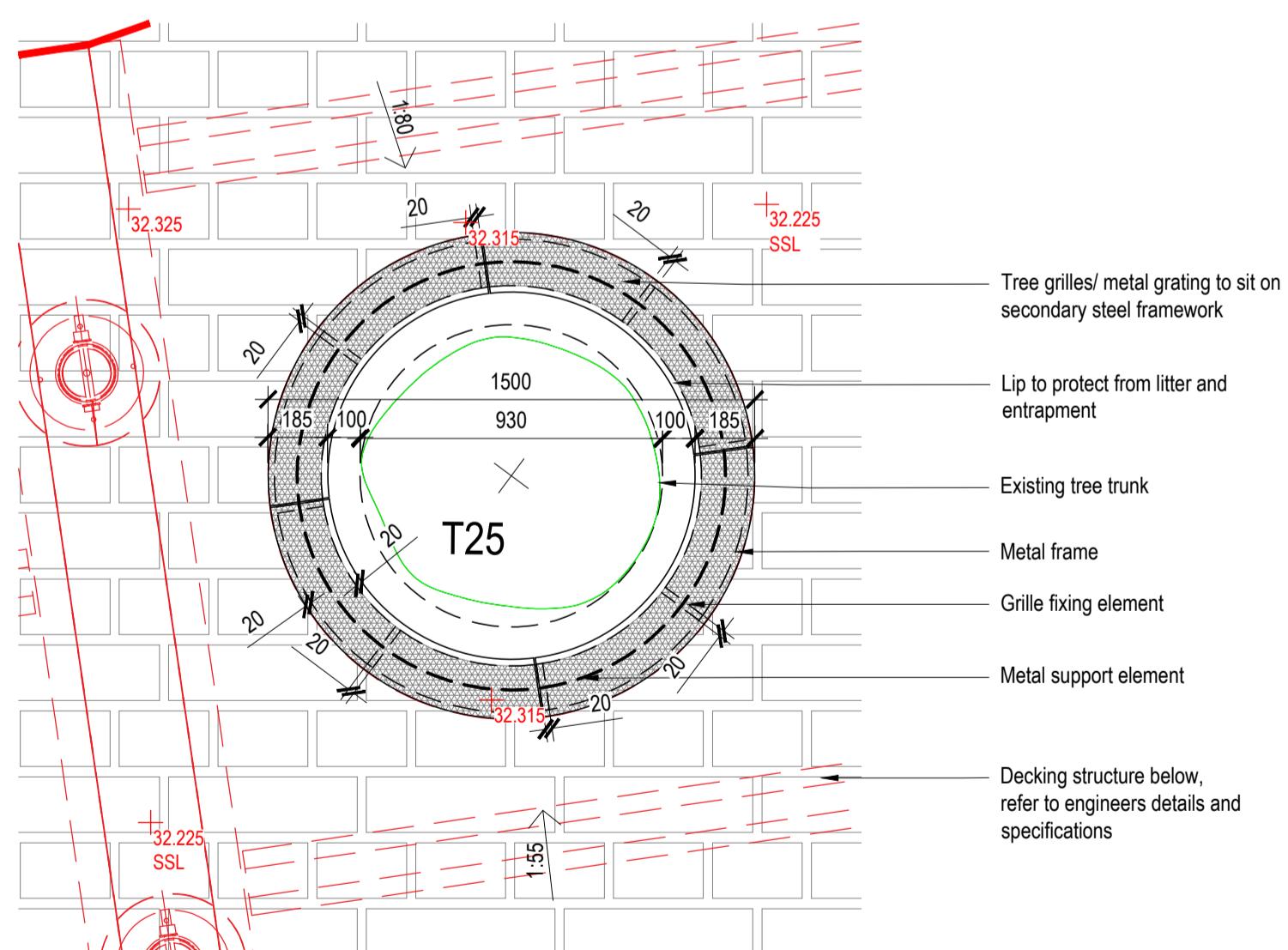
GILLESPIES TREE GRILLES DETAIL



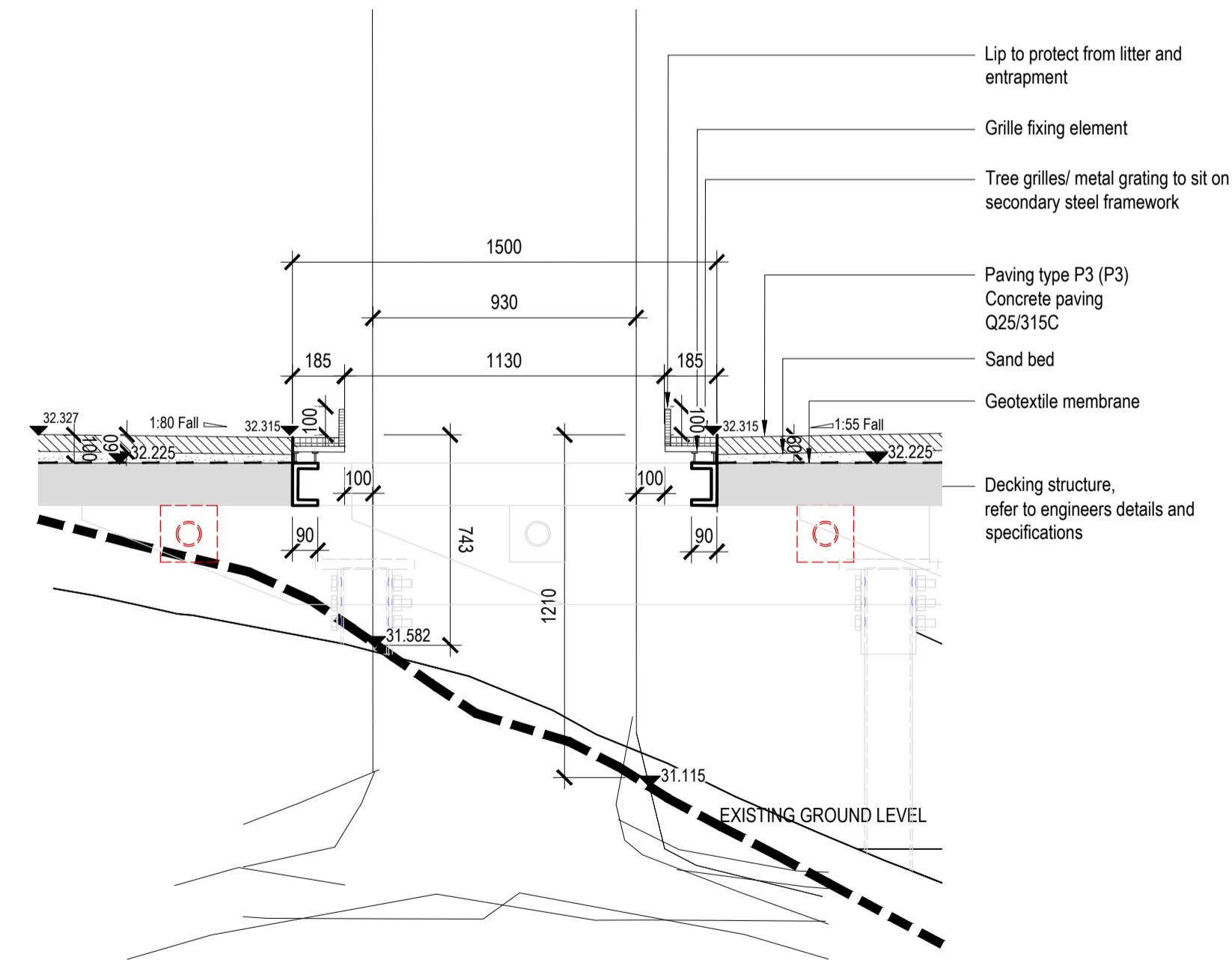
01 Tree Grilles - PLAN 01  
Scale 1: 25 @A1



04 Elephant grille precedent



02 Tree Grilles - PLAN 02  
Scale 1: 20 @A1



03 Tree Grilles - SECTION 01  
Scale 1: 20 @A1

rev	details	by	date
P01	S3 for review and comment	SO	23.12.2020
P02	S3 for review and comment	CH	08.01.2021
P03	S3 for review and comment	SO	15.02.2021

Notes

- 1.0 Do not scale from drawing, use figured dimensions only
- 1.1 All dimensions to be checked onsite
- 1.2 This drawing to be read in conjunction with all other Gillespies drawings and specifications

**NOTE: Tree grilles to be removed and replaced when the tree outgrows the inner edge of the tree grille.**

300 Harrow Road

Tree Grilles Details

STAGE 3	Drawing status	1:25 & 1:20 @ A1	Scale	Drawn
	Date	23.12.20	Date	Checked
Drawing number			Revision	

HAR-GIL-V4-00-DR-L-000358 P03

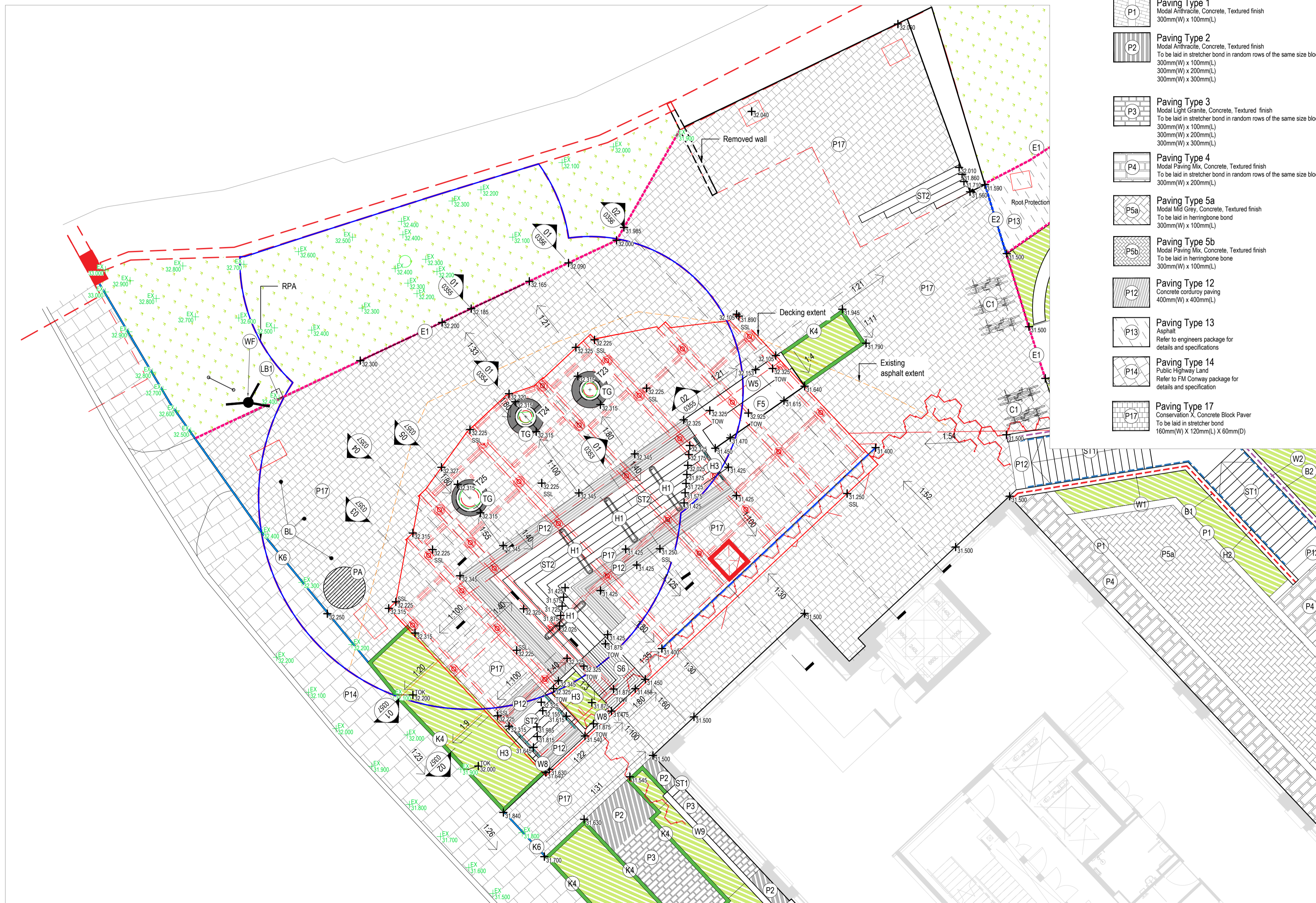
City of Westminster  
The Mayor and Citizens of the City of Westminster  
City Hall  
64 Victoria St  
London  
SW1E 6QP

**GILLESPIES**

1 St John's Square, London EC1M 4DH  
P: 020 7252 2620 E: design.toronto@gillespies.co.uk







## **APPENDIX H**

### LANDSCAPE LEVELS DRAWINGS AND DECK SECTIONS




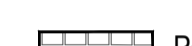








## LEGEND

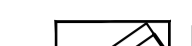
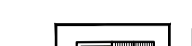
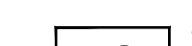

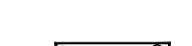









### GENERAL

-  Site Boundary
-  Hard Landscape  
Refer to HAR-GL-V4-00-DR-L-000101 for Hardscape Plan
-  Softscape Area  
Refer to HAR-GL-V4-00-DR-L-000400 for Planting Plan
-  Existing Tree  
Refer to Softworks Plan  
Refer to HAR-GL-V4-00-DR-L-000400 for Planting Plan
-  Proposed Tree  
Refer to Softworks Plan  
Refer to HAR-GL-V4-00-DR-L-000400 for Planting Plan
-  Root Protection Area  
Refer to Arboricultural information





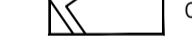
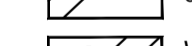

### PAVING

-  Paving Type 1  
Modal Anthracite, Concrete, Textured finish  
300mm(W) x 100mm(L)
-  Paving Type 2  
Modal Anthracite, Concrete, Textured finish  
To be laid in stretcher bond in random rows of the same size block  
300mm(W) x 100mm(L)  
300mm(W) x 200mm(L)  
300mm(W) x 300mm(L)
-  Paving Type 3  
Modal Light Granite, Concrete, Textured finish  
To be laid in stretcher bond in random rows of the same size block  
300mm(W) x 100mm(L)  
300mm(W) x 200mm(L)  
300mm(W) x 300mm(L)
-  Paving Type 4  
Modal Paving Mix, Concrete, Textured finish  
To be laid in stretcher bond in random rows of the same size block  
300mm(W) x 200mm(L)
-  Paving Type 5a  
Modal MG Grey, Concrete, Textured finish  
To be laid in herringbone bond  
300mm(W) x 100mm(L)
-  Paving Type 5b  
Modal Paving Mix, Concrete, Textured finish  
To be laid in herringbone bond  
300mm(W) x 100mm(L)
-  Paving Type 12  
Concrete cobble paving  
400mm(W) x 400mm(L)
-  Paving Type 13  
Asphalt  
Refer to engineers package for details and specifications
-  Paving Type 14  
Public Highway Land  
Refer to FM Convey package for details and specification
-  Paving Type 17  
Conservation X, Concrete Block Paver  
To be laid in stretcher bond  
160mm(W) x 120mm(L) x 60mm(D)

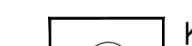
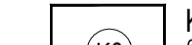
### FURNITURE

-  Bench - Type 5  
Bespoke concrete and timber bench
-  Bench - Type 6  
Bespoke concrete and timber bench
-  Tree Grille  
Bespoke tree grille to allow space for tree growth and movement
-  Cycle Stand  
Sheffield cycle stand, stainless steel, root fixed  
750mm(W) x 975mm(H) x 50mm Diameter
-  Handrail - Type 1  
Twin handrail, Root fixed  
Post: stainless steel, brushed finish  
Post Cap: stainless steel, machined finish  
Handrail: stainless steel, satin finish
-  Handrail - Type 2  
Single handrail  
Fixed to wall type 2 and balustrade type 1  
Handrail: stainless steel, satin finish
-  Handrail - Type 3  
Single handrail - Root fixed  
Handrail: stainless steel, satin finish
-  Balustrade - Type 1  
Steel vertical bar railing balustrade 0.9m high  
Fixed to wall type 1
-  Balustrade - Type 2  
Steel vertical bar railing balustrade 1m high  
Fixed to wall type 2
-  Bollard  
Fixed Stainless steel bollard,  
900mm (H above ground)  
114mm diameter
-  Litter Bin  
Powder coated galvanised steel
-  Dog Litter Bin  
Powder coated galvanised steel
-  Public Art
-  Wayfinding Signage

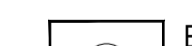
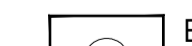
### STRUCTURES

-  Steps - Type 1  
Single Solid Slip Units with 55mm wide  
visibility strip  
150mm(H) x Varies (W) x 1000mm(L)
-  Steps - Type 2  
Concrete paver step tread and riser with visibility strips  
150mm(H) riser X Varies(W) tread X Varies (L) X 50mm(D)
-  Wall - Type 1  
Western Staircase  
Brick clad concrete wall
-  Wall - Type 2  
Western Staircase  
Precast concrete wall
-  Wall - Type 5  
Decking  
Concrete wall
-  Wall - Type 8  
Decking  
Concrete wall
-  Wall - Type 9  
Maintenance Route, Block A&B  
Blockwork with a render finish

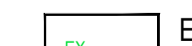

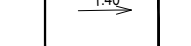
### KERBS

-  Kerb Type 4  
145mm wide concrete upstand kerb
-  Kerb Type 6  
63mm wide concrete flush pin kerb

### EDGING

-  Edge Type 1  
Flush aluminium edge  
Hardscape/ softscape interface
-  Edge Type 2  
Flush aluminium edge  
Hardscape/ Hardscape interface

### LEVELS

-  Existing levels  
+28.000
-  Proposed levels  
+8.000
-  Falls  
-1.4%

rev	details	by	date
P01	S3 for review and comment	SO	09.10.2020
P02	S3 for review and comment	SO	28.10.2020
P03	S3 for review and comment	SO	09.11.2020
P04	S3 for review and comment	SO	30.11.2020
P05	S3 for review and comment	SO	23.12.2020
P06	S3 for review and comment	CH	05.01.2021
P07	S3 for review and comment	CH	07.01.2021
P08	S3 for review and comment	CH	14.01.2021
P09	S3 for review and comment	CH	20.01.2021
P10	S3 for review and comment	CH	21.01.2021
P11	S3 for review and comment	CH	15.02.2021
P12	S3 for review and comment	CH	21.07.2021
P13	S3 for review and comment	CH	18.08.2021

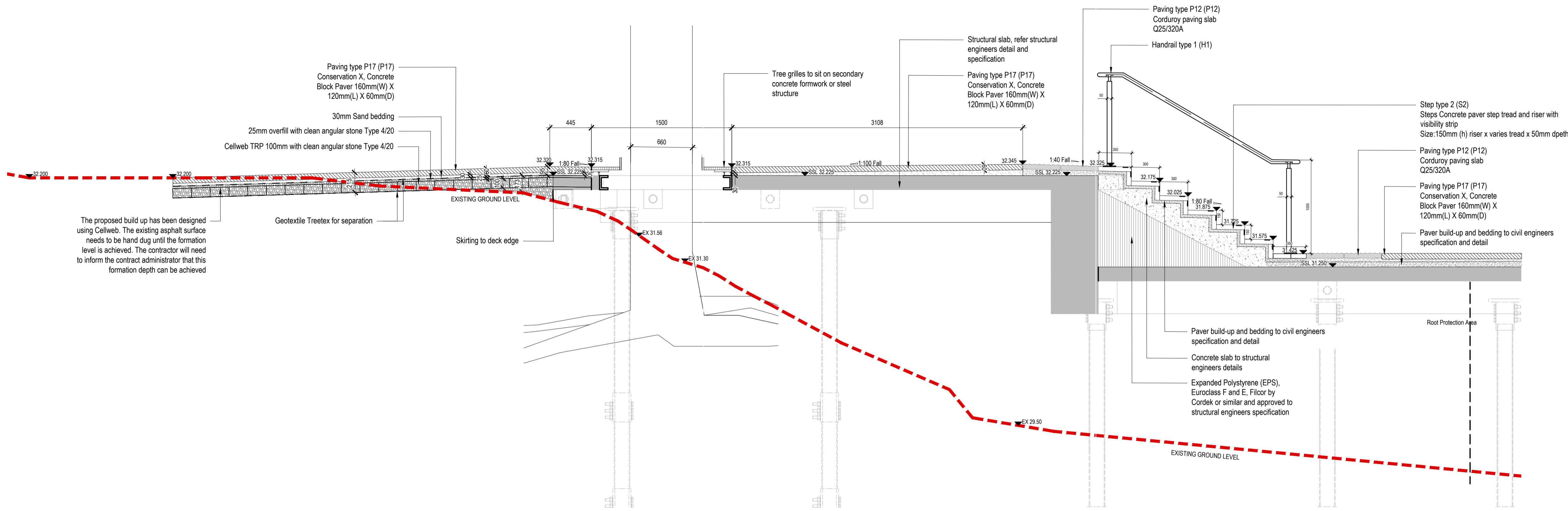
### Notes

- 1.0 Do not scale from drawing, use figured dimensions only
- 1.1 All dimensions to be checked onsite
- 1.2 This drawing to be read in conjunction with all other Gillespies drawings and specifications

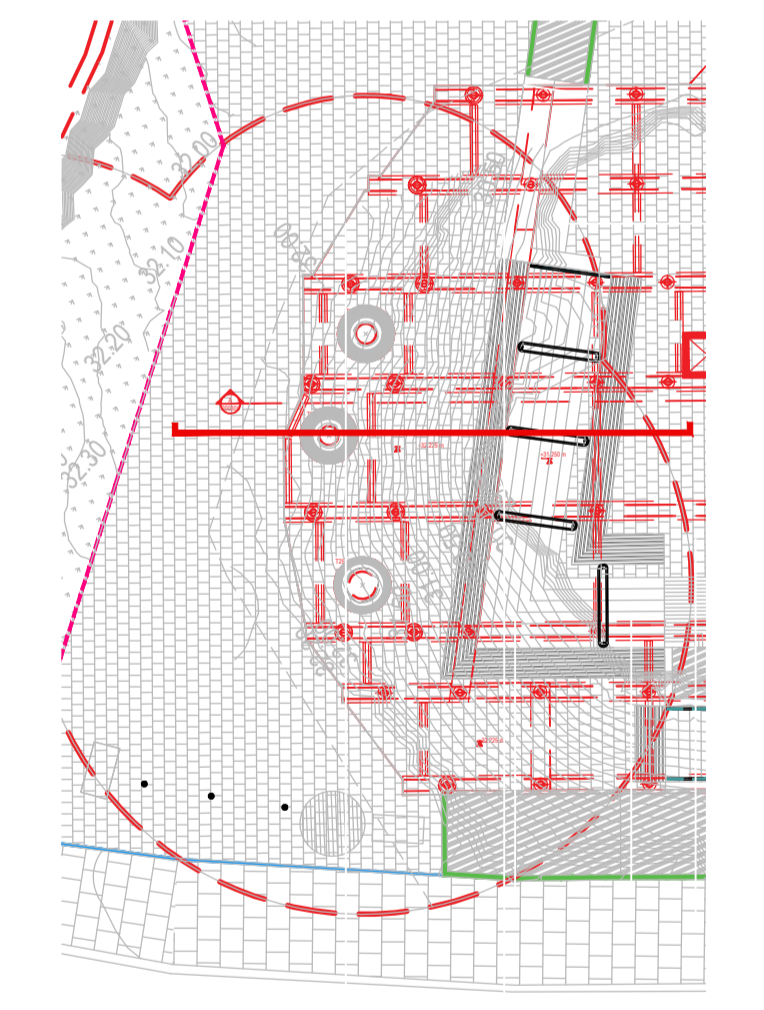
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P03	S3 for review and comment	CH	08.01.2021
P04	S3 for review and comment	SO	15.02.2021
P05	S3 for review and comment	CH	18.08.2021

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**DECK SECTION - T24**  
Scale 1: 25 @A1



Project title  
**300 Harrow Road**

Drawing title  
**Deck Sections 01**

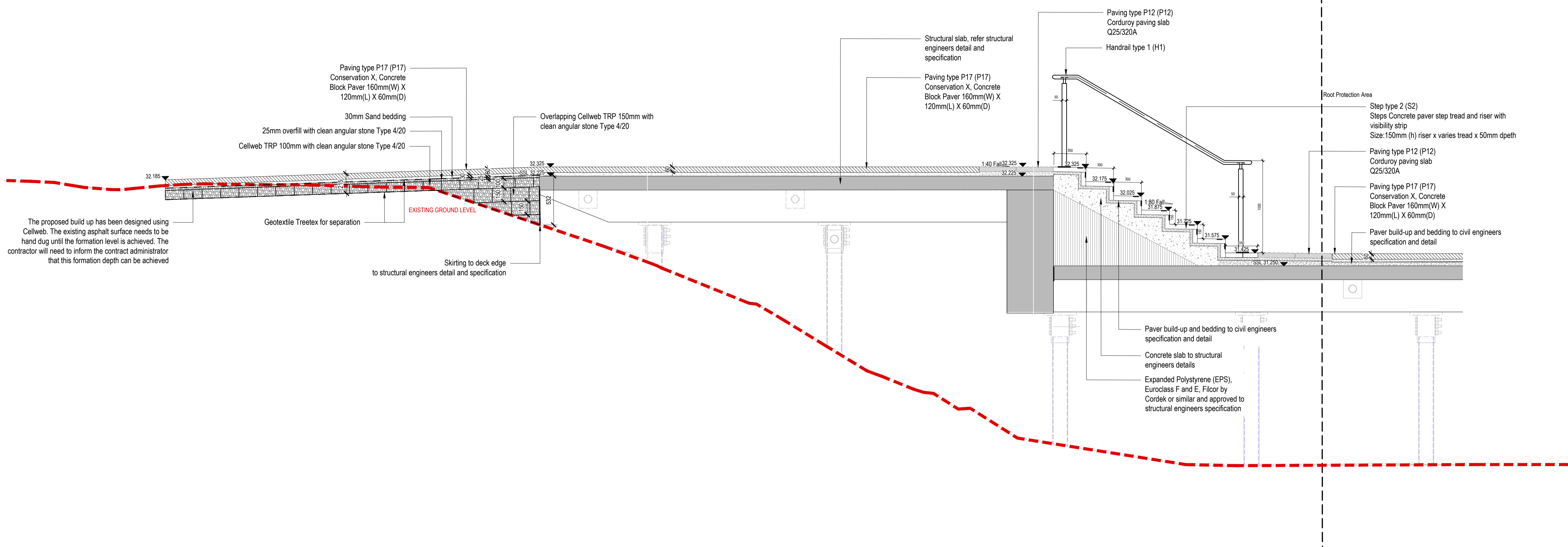
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STAGE 4	1:20 @ A1	SO
	Date	Checked
	30.11.20	JG
	Drawing number	Revision
	HAR-GIL-V4-00-DR-L-000354	P05

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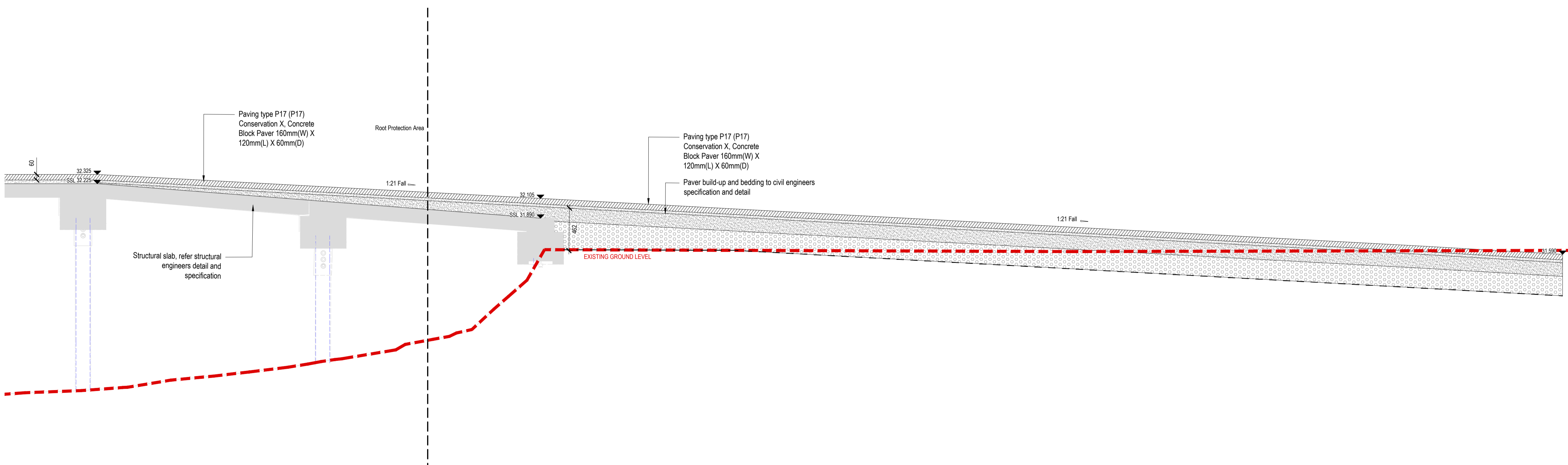


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P02	S3 for review and comment	CH	08.01.2021
P03	S3 for review and comment	CH	18.08.2021

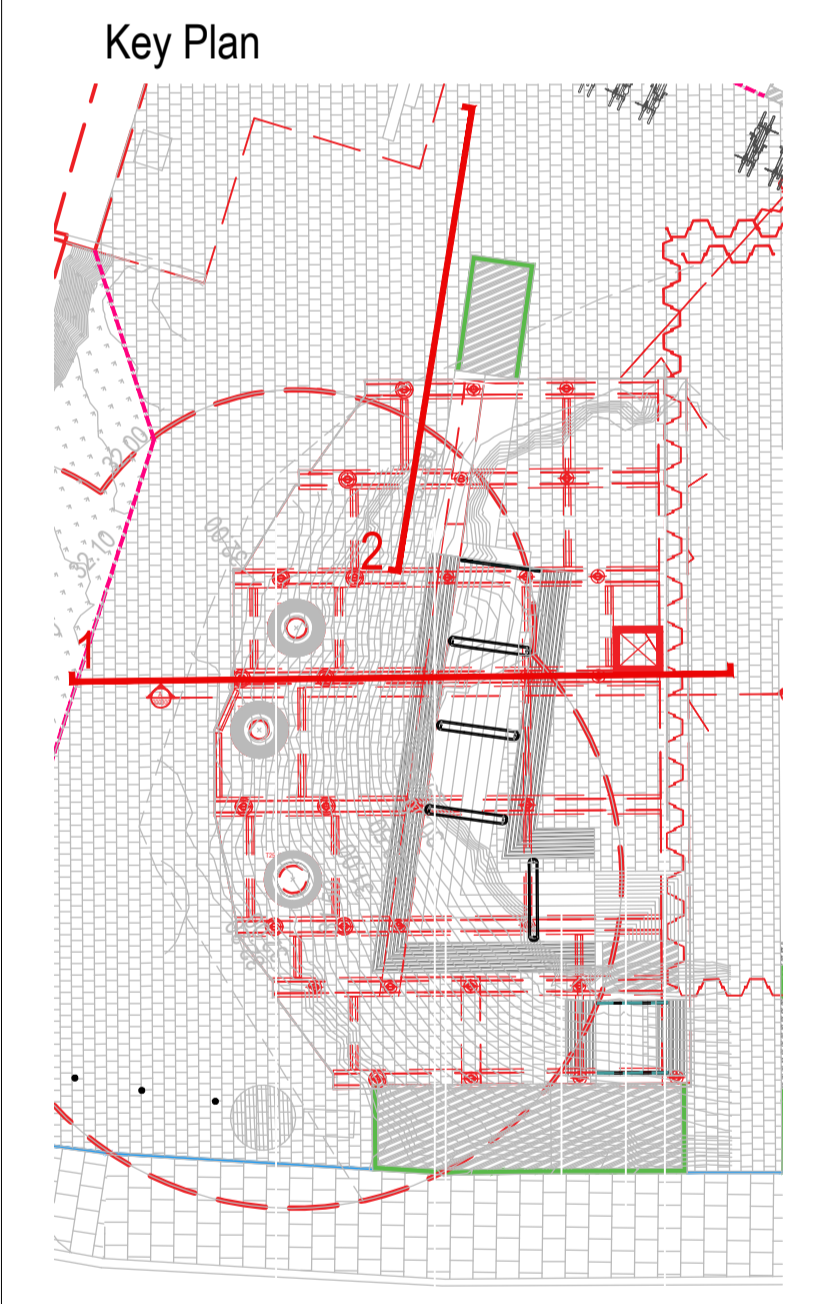
- Notes**
- 1.0 Do not scale from drawing, use figured dimensions only
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01 DECK SECTIONS - SECTION 1  
Scale 1: 25 @A1



02 DECK SECTIONS- SECTION 2  
Scale 1: 25 @A1



300 Harrow Road

Deck Sections 02

STAGE 4	Drawing status	1:25 @ A1	Scale	Drawn
	Date	30.11.20	Date	Checked
HAR-GIL-V4-00-DR-L-000355	Drawing number		Revision	
				P03

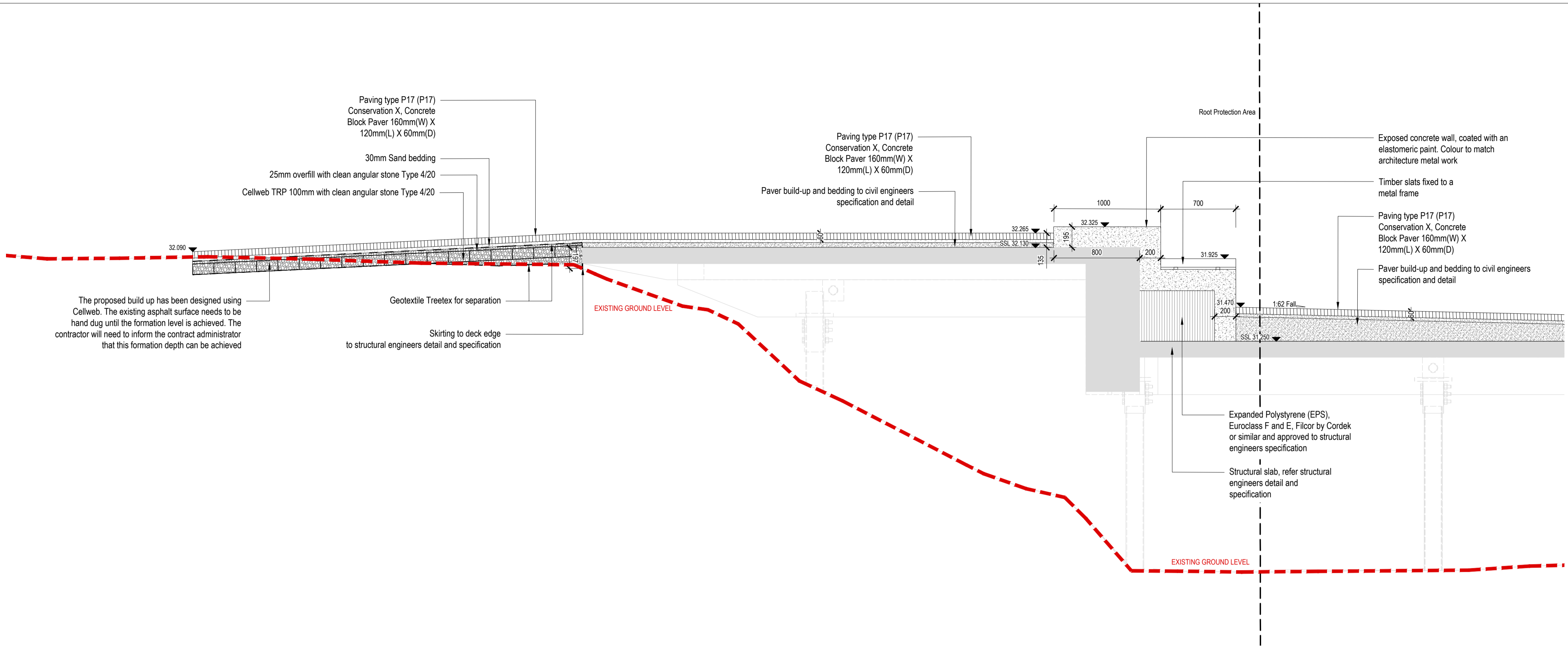
City of Westminster  
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London  
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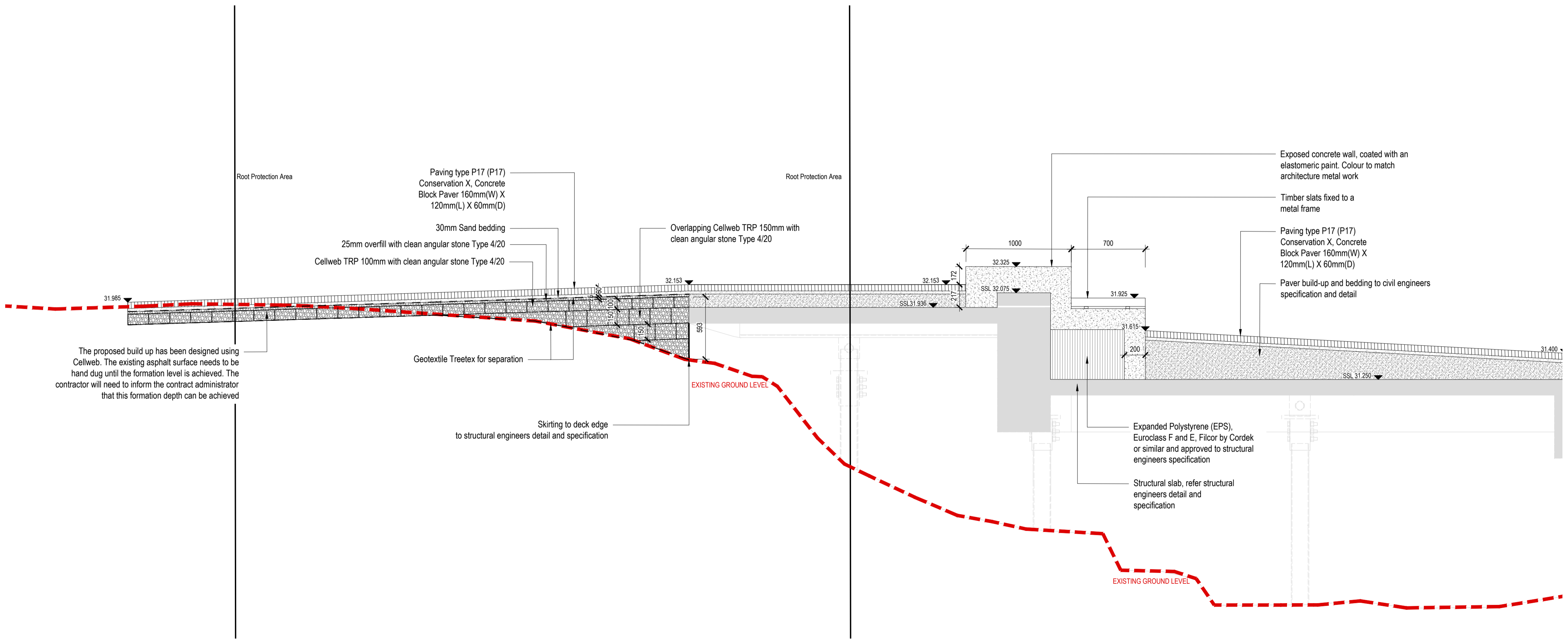
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P03	S3 for review and comment	CH	18.08.2021

**Notes**

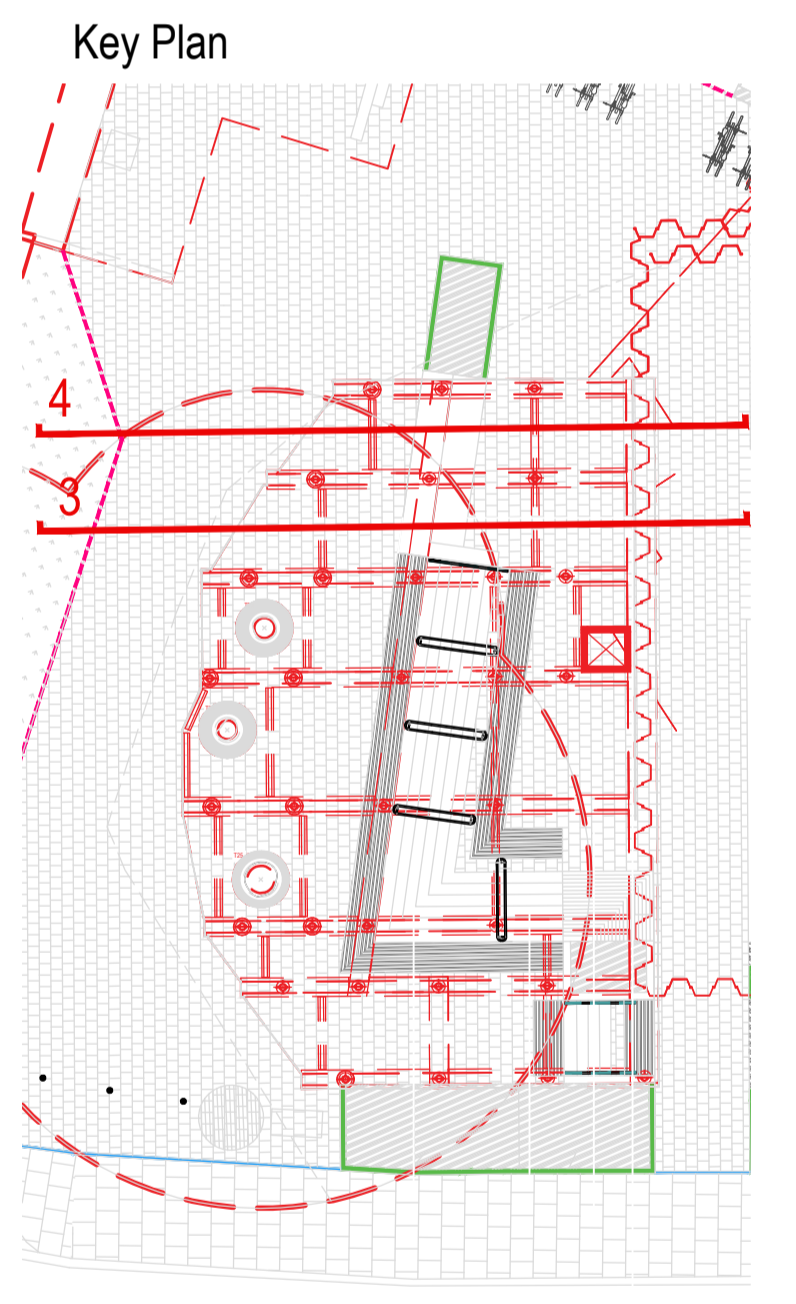
- Do not scale from drawing, use figured dimensions only
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01 0356 DECK SECTIONS - SECTION 3  
Scale 1: 25 @A1



02 0356 DECK SECTIONS - SECTION 4  
Scale 1: 25 @A1



Project title  
**300 Harrow Road**

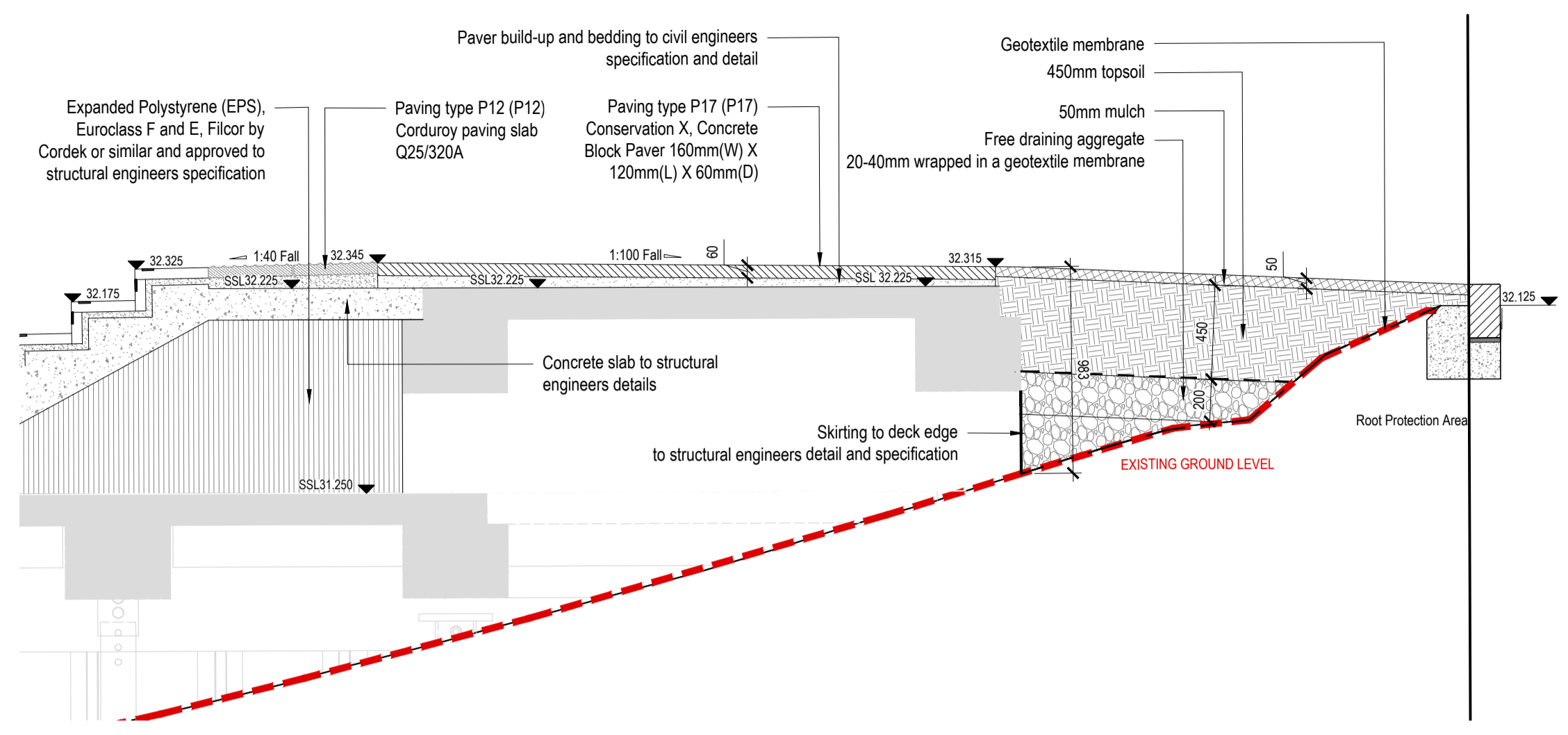
Drawing title  
**Deck Sections 03**

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	Revision	P03	

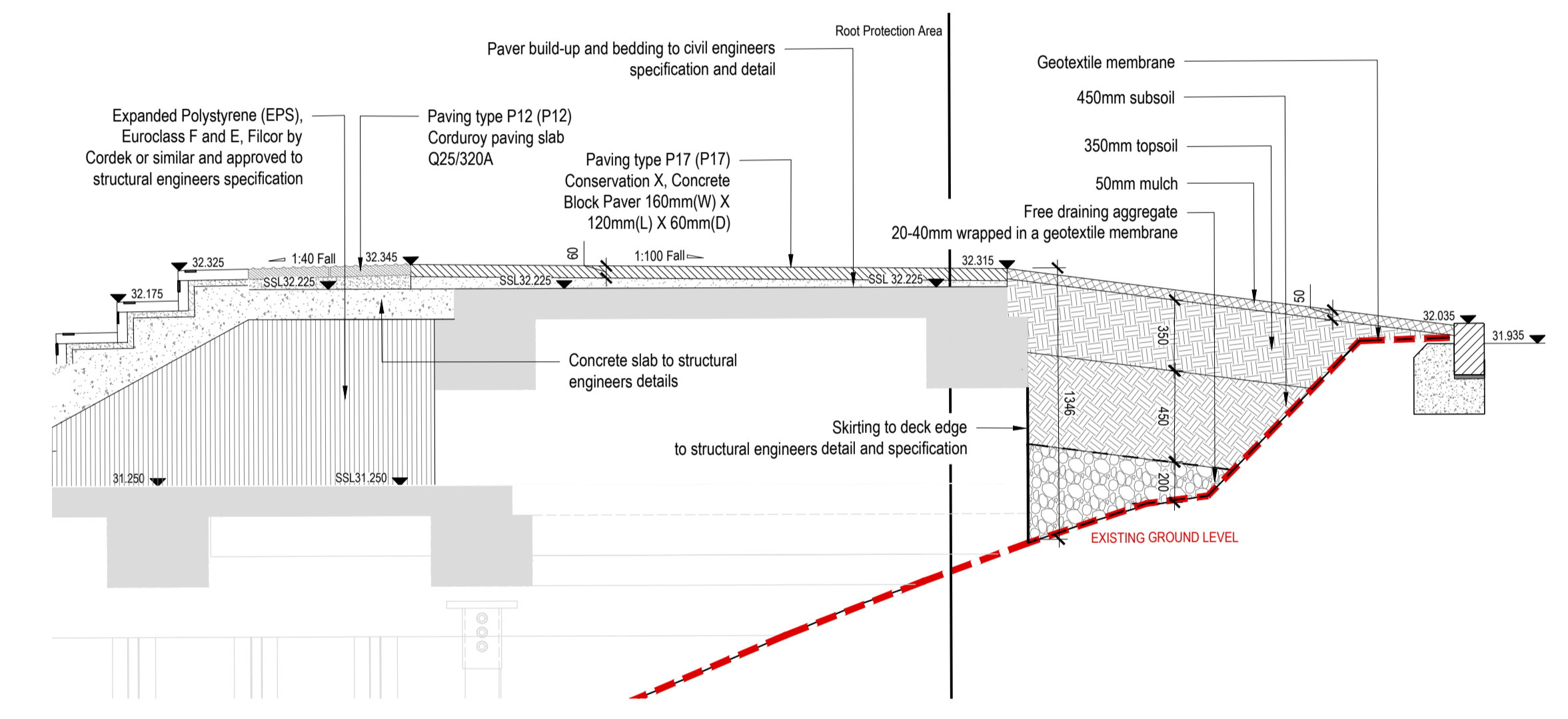
City of Westminster  
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City Hall  
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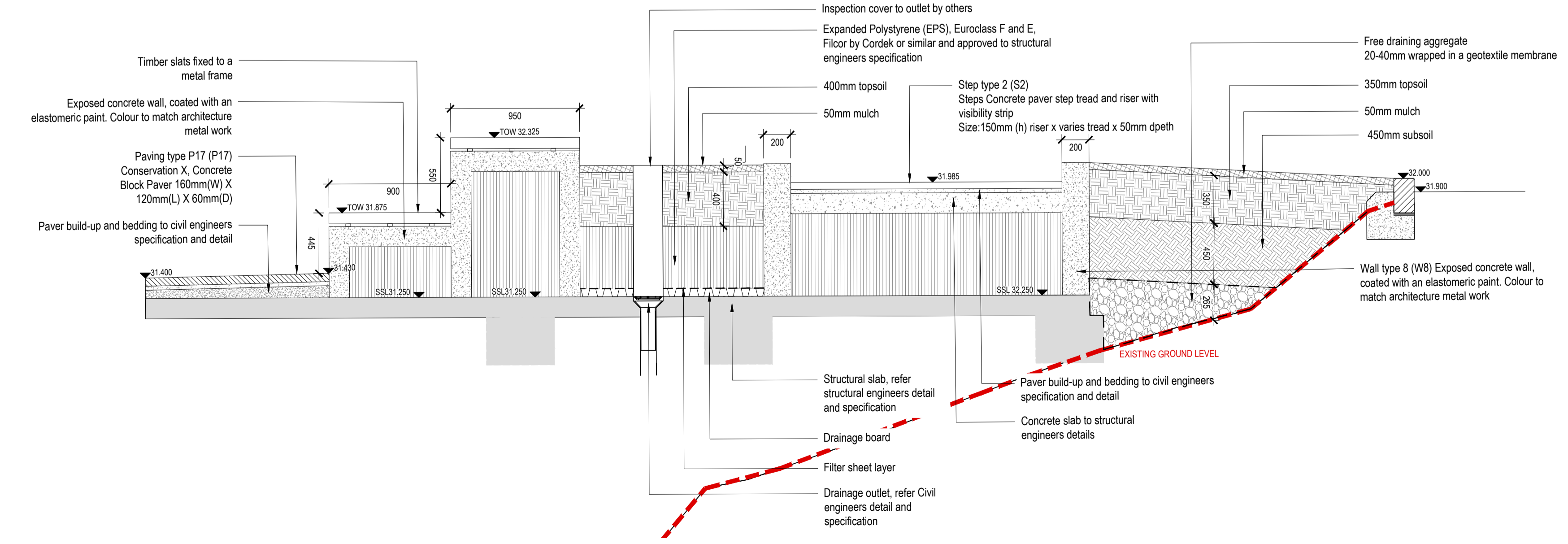




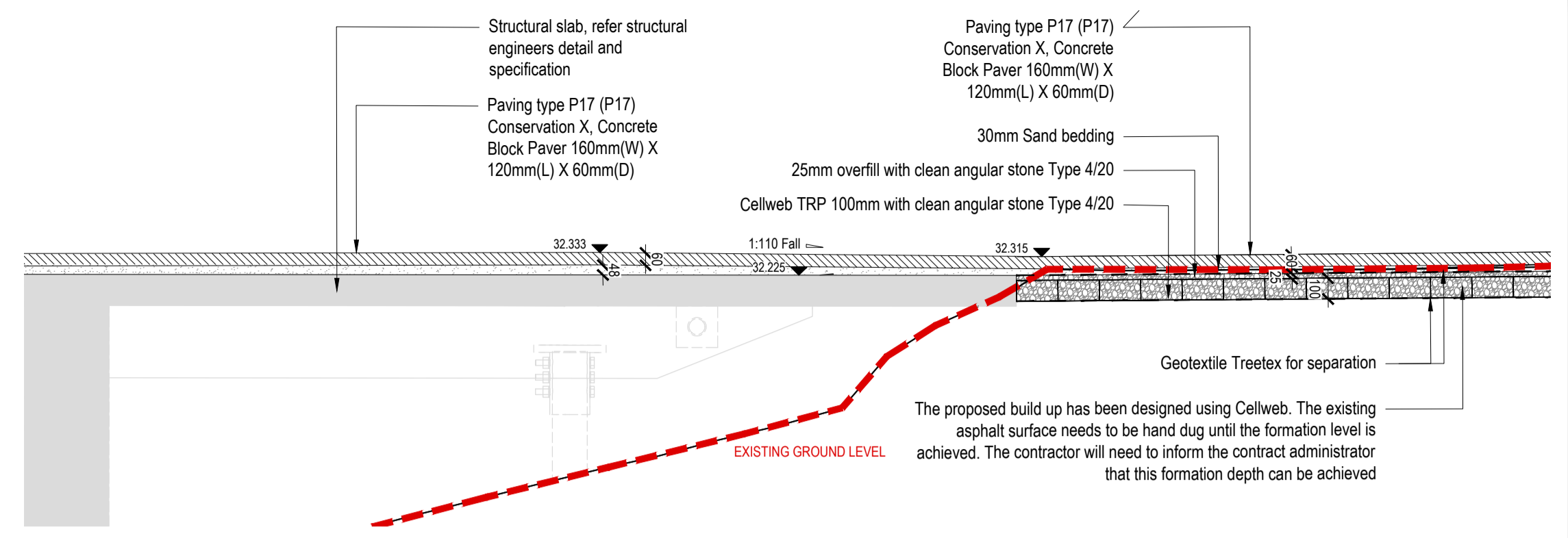
01 DECK INTERFACE - SECTION 1  
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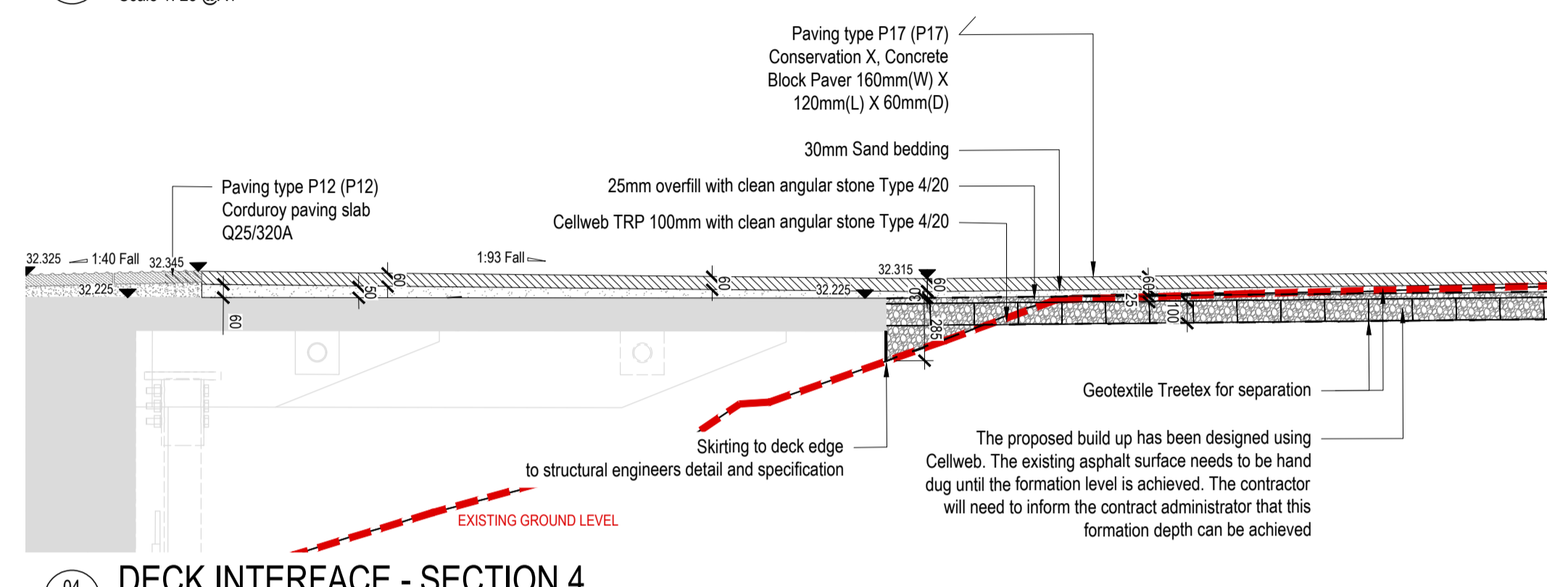
02 DECK INTERFACE - SECTION 2  
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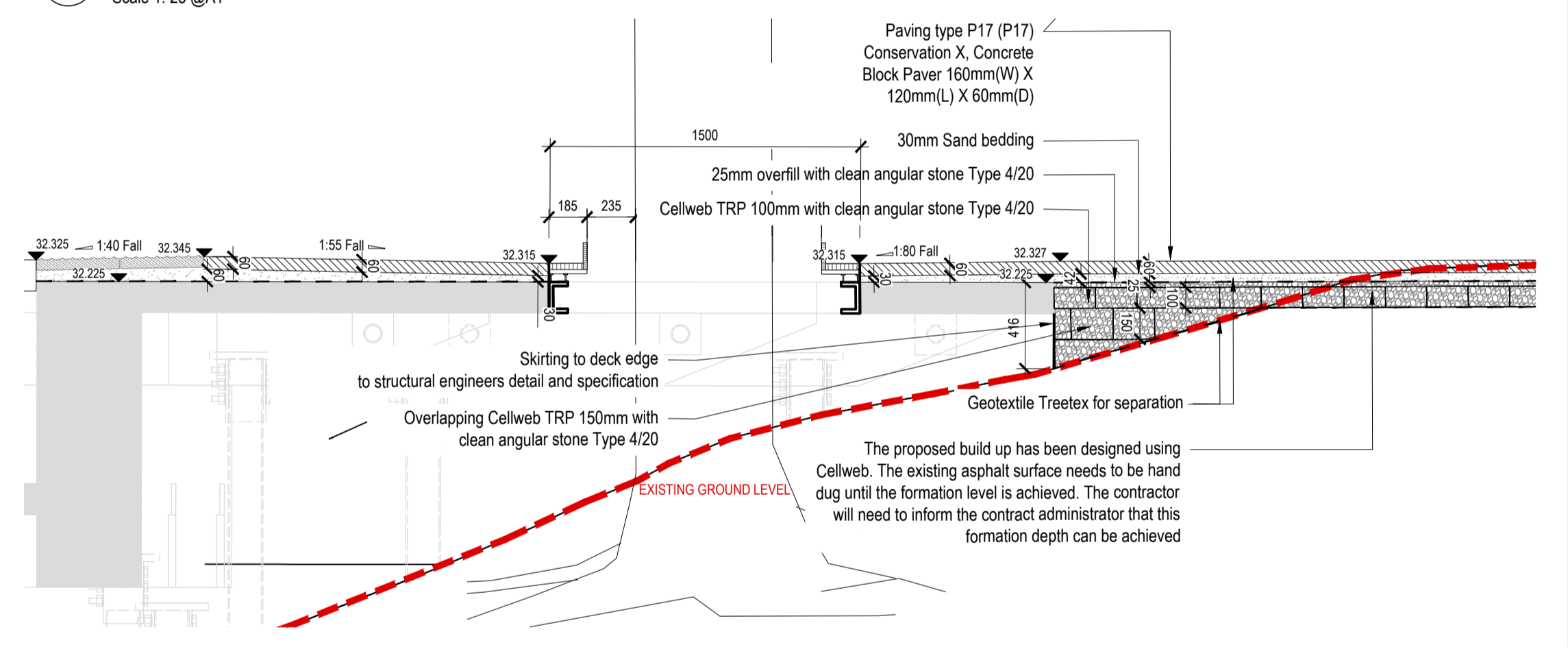
06 DECK INTERFACE - SECTION 6  
Scale 1: 25 @A1



03 DECK INTERFACE - SECTION 3  
Scale 1: 25 @A1



04 DECK INTERFACE - SECTION 4  
Scale 1: 25 @A1

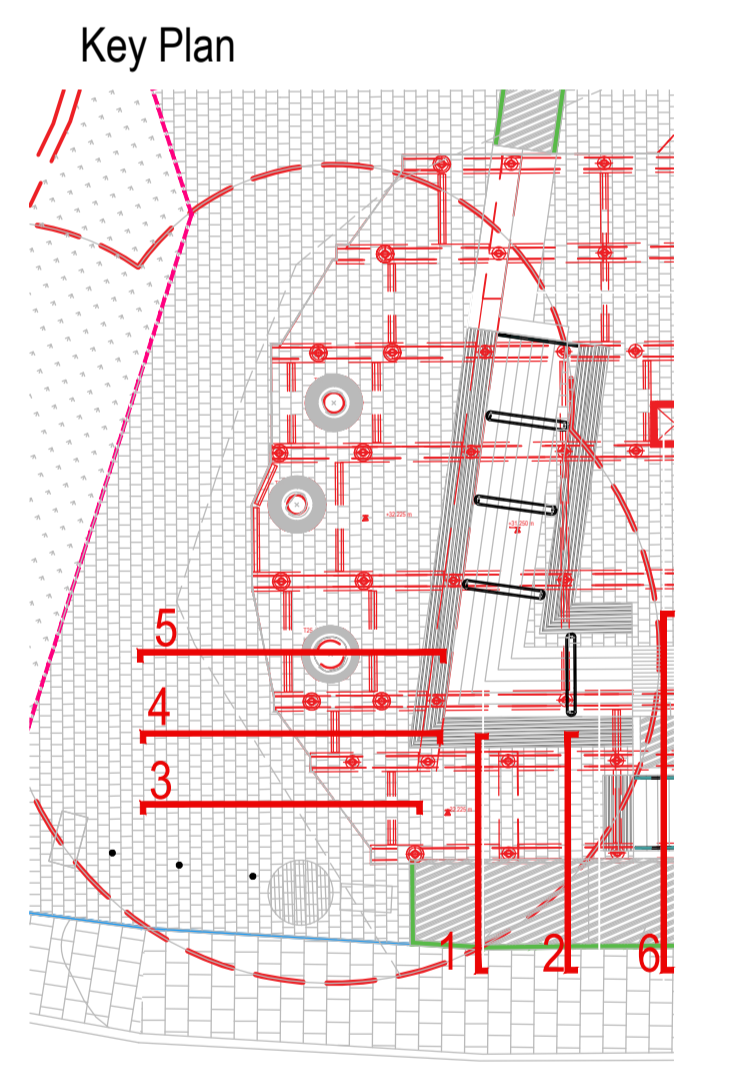


05 DECK INTERFACE - SECTION 5  
Scale 1: 25 @A1

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P02	S3 for review and comment	SO	23.12.2020
P03	S3 for review and comment	CH	08.01.2021
P04	S3 for review and comment	SO	15.02.2021
P05	S3 for review and comment	CH	18.08.2021

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300 Harrow Road

Deck Interface Sections 01

STAGE 4	Drawing status	Scale	Drawn
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		Date	Checked
	30.11.20		JG
	Drawing number	Revision	
	HAR-GIL-V4-00-DR-L-000357	P05	

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