

**ARBORICULTURAL METHOD STATEMENT
to BS 5837:2012
at
25 Lane Head Lane
Kirkburton
Huddersfield
West Yorkshire
HD8 0SQ**

Client:
Mr & Mrs Hush

Client Address:
25 Lane Head Lane
Kirkburton
Huddersfield
West Yorkshire
HD8 0SQ

JCA Ref:
20697/AJB

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1. Introduction

1.1 Purpose of the Method Statement

- 1.1.1 This Arboricultural Method Statement has been prepared to ensure good practice in the protection of retained trees during the development at **25 Lane Head Lane, Kirkburton, Huddersfield.**

1.2 Terms of Reference

- 1.2.1 JCA Limited is instructed by **Mr & Mrs Hush** to prepare an Arboricultural Method Statement for the proposed development. The arboricultural survey undertaken in July 2023 and this report conforms to the most recent specifications outlined in BS 5837: 2012 *Trees in relation to design, demolition and construction - Recommendations*.
- 1.2.2 It is proposed to construct a garden gym.
- 1.2.3 The following drawing has been provided and this is the basis of the Arboricultural Method Statement and the Tree Protection Plan at **Appendix 3**:
- Development Layout (Drawing Ref. **7880 - 12 - Wider GF - Proposed**).

1.3 Status of the Method Statement

- 1.3.1 This Arboricultural Method Statement should be included as part of the specification and schedule of works issued to the building contractor and can form part of the contract.
- 1.3.2 This Arboricultural Method Statement should be available on site for inspection by the local authority, contractors and other relevant persons.

2. Tree Works

2.1 Tree Works Prior to or Post-Construction

- 2.1.1 No tree works are required in order to facilitate the construction of the proposed garden gym. However, tree works which are required for safety/tree management purposes are detailed at **Appendix 1**.

2.2 Recommendations For Tree Works

- 2.2.1 All work must be undertaken to BS 3998: 2010 - *Recommendations for tree work* and carried out by qualified, experienced and, ideally, Arboricultural Association approved contractors who must be adequately insured.
- 2.2.2 Any defects seen by a contractor or the client that were not apparent to the consultant must be brought to the attention of JCA immediately.
- 2.2.3 No liability can be accepted by JCA in respect of the trees unless the recommendations of this Method Statement are carried out under our supervision.

3. Construction Zone Restrictions

3.1 Root Protection Area Restrictions

- 3.1.1 On this occasion, it is not deemed practicable to install tree protection measures in the form of protective fencing or ground protection within the RPA of trees on site as we are informed that only pedestrian access to the proposed garden gym will be required and that all building materials will be brought into the construction zone manually. Please see the annotated potential pedestrian access routes on the plan at **Appendix 2**.
- 3.1.2 The root protection areas for all trees can be seen on the plan at **Appendix 2**. **This area is to be considered a restricted area; with the exception of the screw piling machine, no other vehicles or machinery are allowed within this area and the storage of materials and the mixing of cement/concrete is not permitted within root protection areas.**
- 3.1.3 Please see the annotation on the plan at **Appendix 2** for the suggested location on the existing driveway for vehicular parking, the storage of machinery and materials and where cement/concrete should be mixed.

4. Construction Phase

4.1 Construction of Hard Surfaces

4.1.1 No new hard surfaces are proposed within the RPA of retained trees.

4.2 Construction of Garden Gym

4.2.1 The footprint of the proposed garden gym encroaches within the rooting zone of **T2**, **T3** and **T4** in the location shown in blue shade on the plan at **Appendix 2**. Due to this, we are informed that the garden gym will be founded on a screw piled base in order to limit potential damage to tree roots. Please see the attached Garden Room Layouts diagram at **Appendix 3** which demonstrates the methodology and locations of the screw piles which are proposed to be utilised.

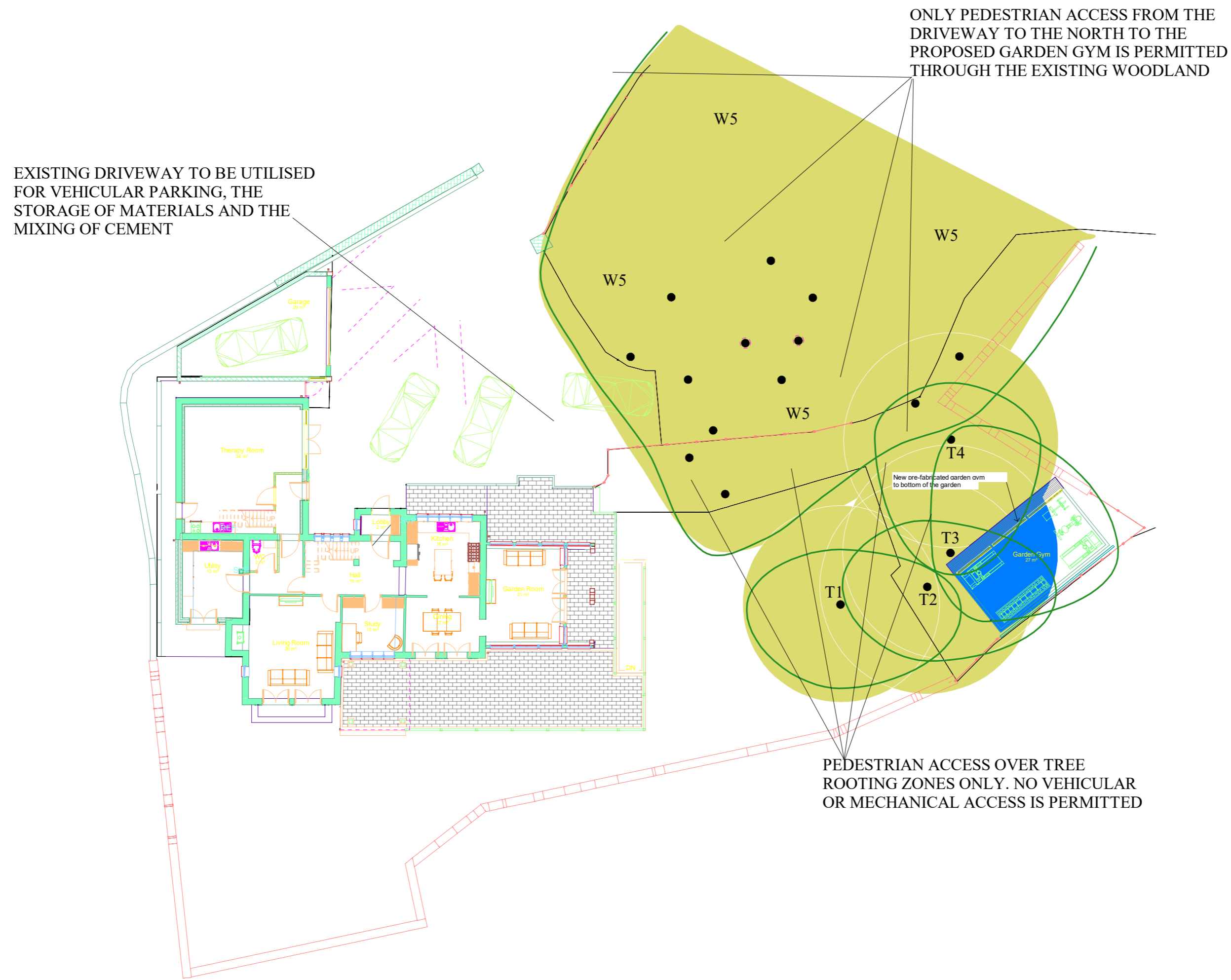
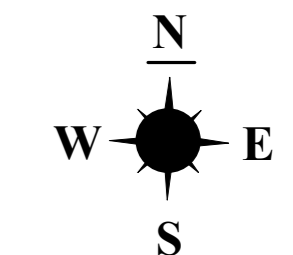
4.3 Excavations and Services

4.3.1 Full details of the location of proposed electricity cables required for the proposed summer house are not known at present, however, we are informed by our client's architect that the armoured cables will be inserted into a duct at a depth of 450mm.

4.3.2 We have also been informed that the excavations required will be undertaken by hand. As such, it is recommended that this operation is undertaken under arboricultural supervision in order to ensure that minimal potential root damage occurs to the trees.

Appendices

Tree Ref.	Age	Height (m)	Crown Height (m)	Height (m) and Direction of the Lowest Branch	Diameter (cm)	Crown Spread			Observations	Recommendations		Physiological Condition	Structural Condition	Amenity Value	NHBC Water Demand	Life Expectancy (yrs)	Retention Category
	Common Name					W	N	E		Priority	Priority						
T 1	Mature Common Ash <i>Fraxinus excelsior</i>	20	5	8 n/a	44	5	3	6.5# 4.5	Twin-stemmed at 7m with an unbalanced crown and a slender form. Occasional pruning wounds. Moderate deadwood and Ash Die-back noted (<i>Hymenoscyphus fraxineus</i>). Located within Kirkburton Conservation Area.	Crown clean to remove the deadwood. Monitor annually. Moderate	FAIR	FAIR	MOD	MOD	10+	B 1	
T 2	Mature Common Ash <i>Fraxinus excelsior</i>	20	10	10 n/a	48	1.4	3.5	7# 4	Twin-stemmed at 8m with a balanced crown and a slender form. Occasional pruning wounds. Moderate deadwood and Ash Die-back noted (<i>Hymenoscyphus fraxineus</i>). Located within Kirkburton Conservation Area.	Crown clean to remove the deadwood. Monitor annually. Moderate	FAIR	FAIR	MOD	MOD	10+	B 1	
T 3	Mature Common Ash <i>Fraxinus excelsior</i>	20	1.5	3 S	48	1	7#	9# 4	Single-stemmed and slightly leaning with an unbalanced crown and a slender form. Moderate Ash Die-back noted (<i>Hymenoscyphus fraxineus</i>). Located within Kirkburton Conservation Area.	Monitor annually. Moderate	FAIR	FAIR	MOD	MOD	10+	B 1	
T 4	Mature Common Ash <i>Fraxinus excelsior</i>	20	5	4 S	48	4	3	5 7	Single-stemmed and slightly leaning with an unbalanced crown and a slender form. Moderate Ash Die-back noted (<i>Hymenoscyphus fraxineus</i>). Not fully inspected due to Ivy on the stem. Located within Kirkburton Conservation Area.	Crown clean to remove the deadwood. Monitor annually. Moderate	FAIR	FAIR	MOD	MOD	10+	B 1	
W 5	Early-mature to mature Mixed species <i>Details in observations</i>	To 20	1+	1+ n/a	To 70	See plan			Overhanging Lane Head Lane, the access driveway and an adjacent school grounds. Located within a Woodland Tree Preservation Order (TPO 31/79/w1). A woodland mainly comprised of Common Ash with occasional Birch, Pine, Holly and Sycamore. Ash Dieback (<i>Hymenoscyphus fraxineus</i>) noted to many of the Common Ash. Deadwood noted throughout.	Crown clean to remove the moderate deadwood. Monitor biennially. Low	GOOD	GOOD	HIGH	HIGH	40+	1 A 2	



Appendix 2: Tree Protection Plan

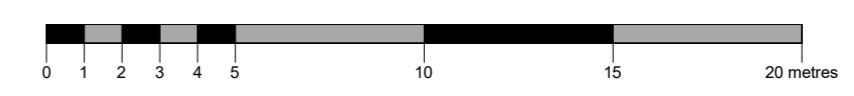
ADDRESS: 25 Lane Head Lane, Kirkburton,
Huddersfield, West Yorkshire, HD8 0SQ.
JCA REF: 20697/AJB

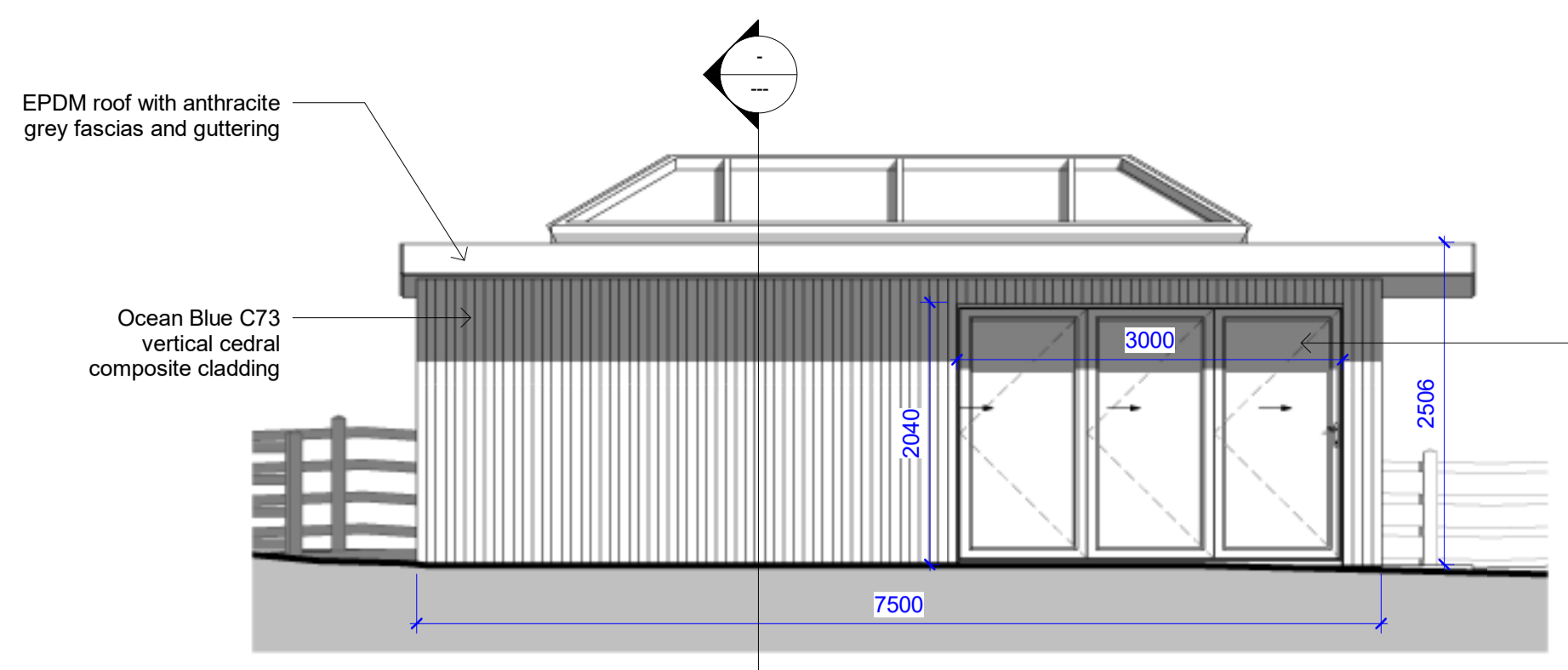
SCALE: 1:200 PAPER SIZE : A2

SURVEYED BY: AJB DRAWN BY: AJB APPROVED BY: DK

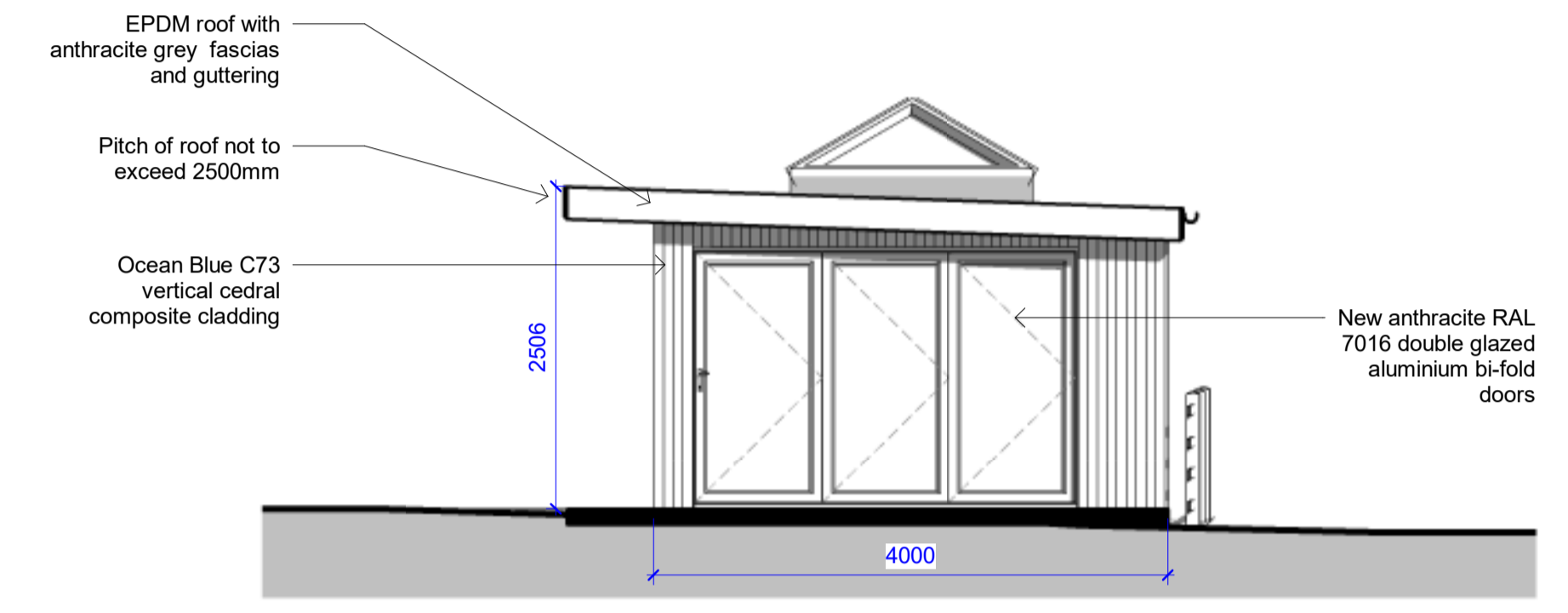
	TREE TO BE RETAINED
	TREE TO BE REMOVED
	STEM OF TREE TO BE RETAINED
	STEM OF TREE TO BE REMOVED
	ROOT PROTECTION AREA (RPA)
	AREA OF RPA ENCROACHED BY THE DEVELOPMENT GARDEN GYM WHERE SPECIALIST FOUNDATION METHOD MUST BE UTILISED

THIS PLAN IS TO BE PRINTED IN COLOUR
AND READ IN CONJUNCTION WITH THE
JCA ARBORICULTURAL REPORT
(JCA REF: 20697/AJB)

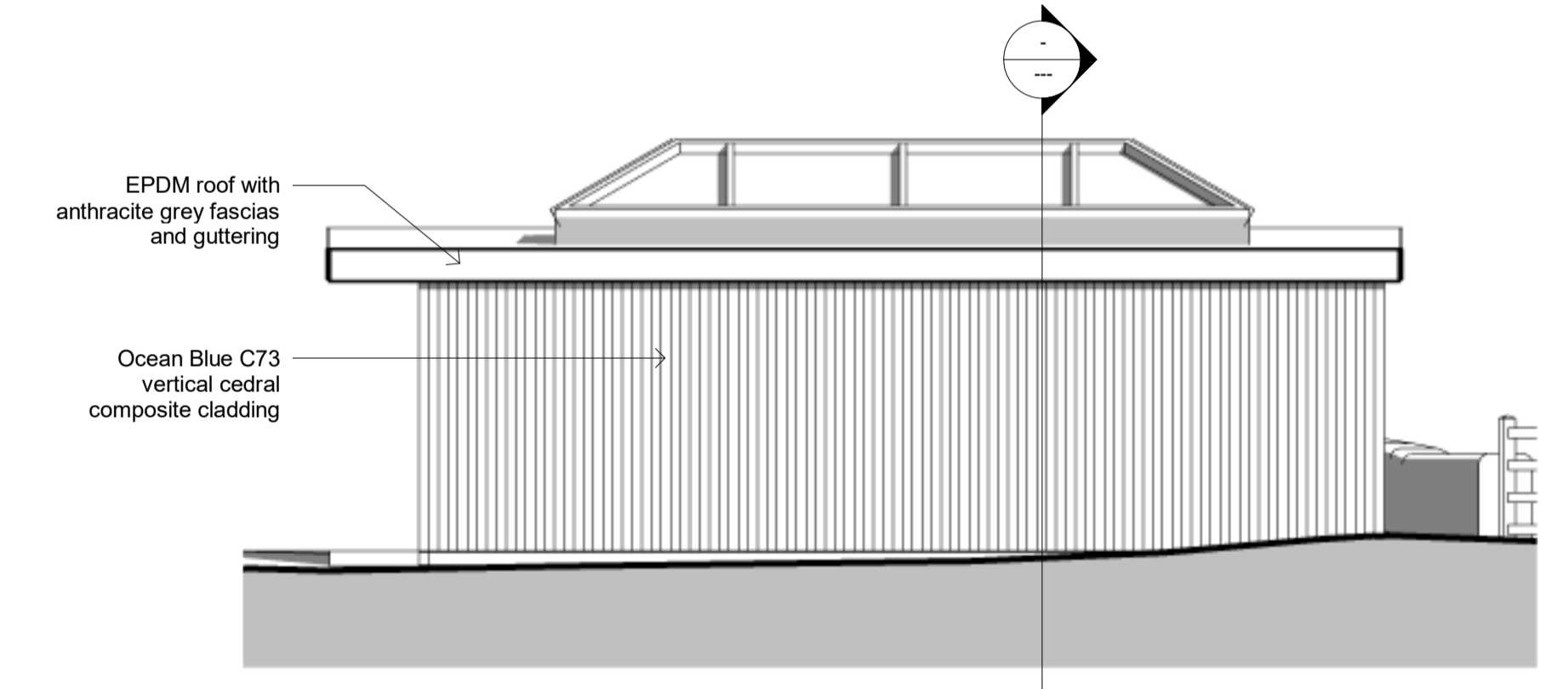




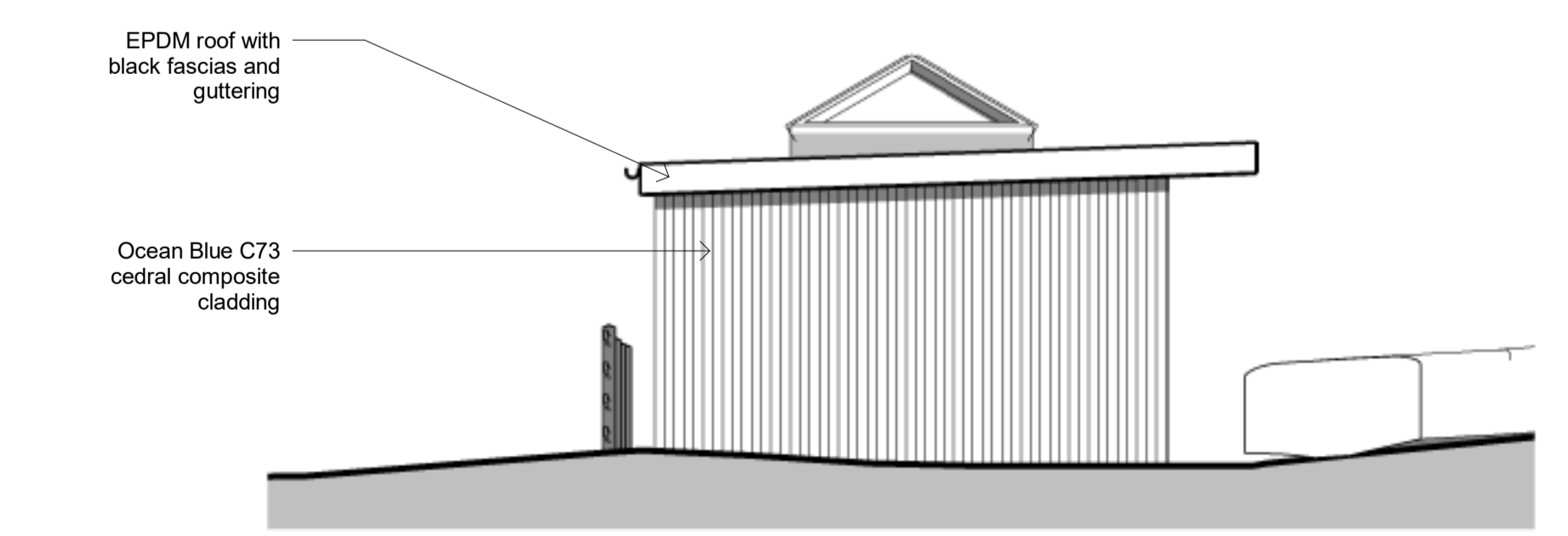
1 Elevation 3 - a
1 : 50



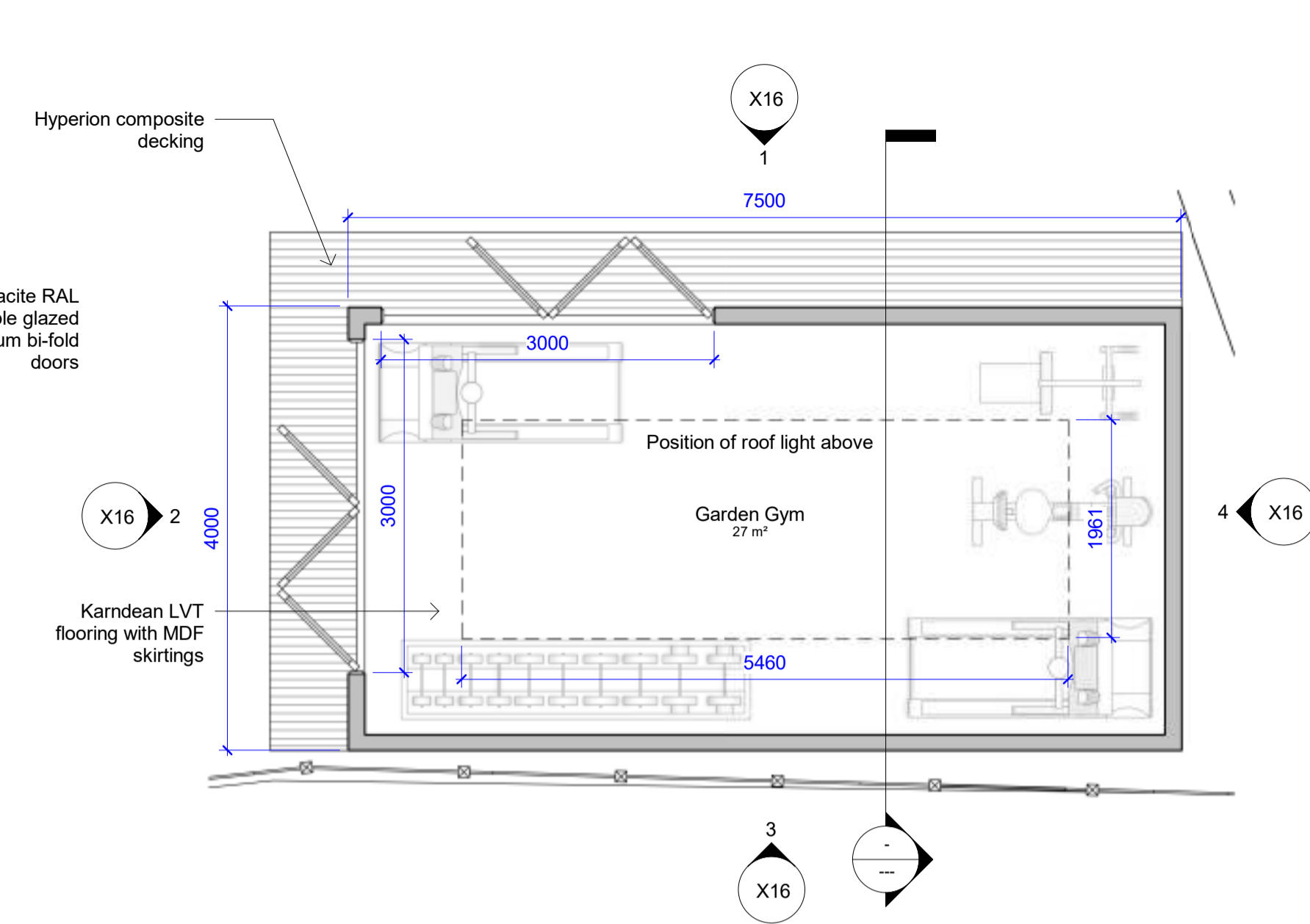
2 Elevation 4 - a
1 : 50



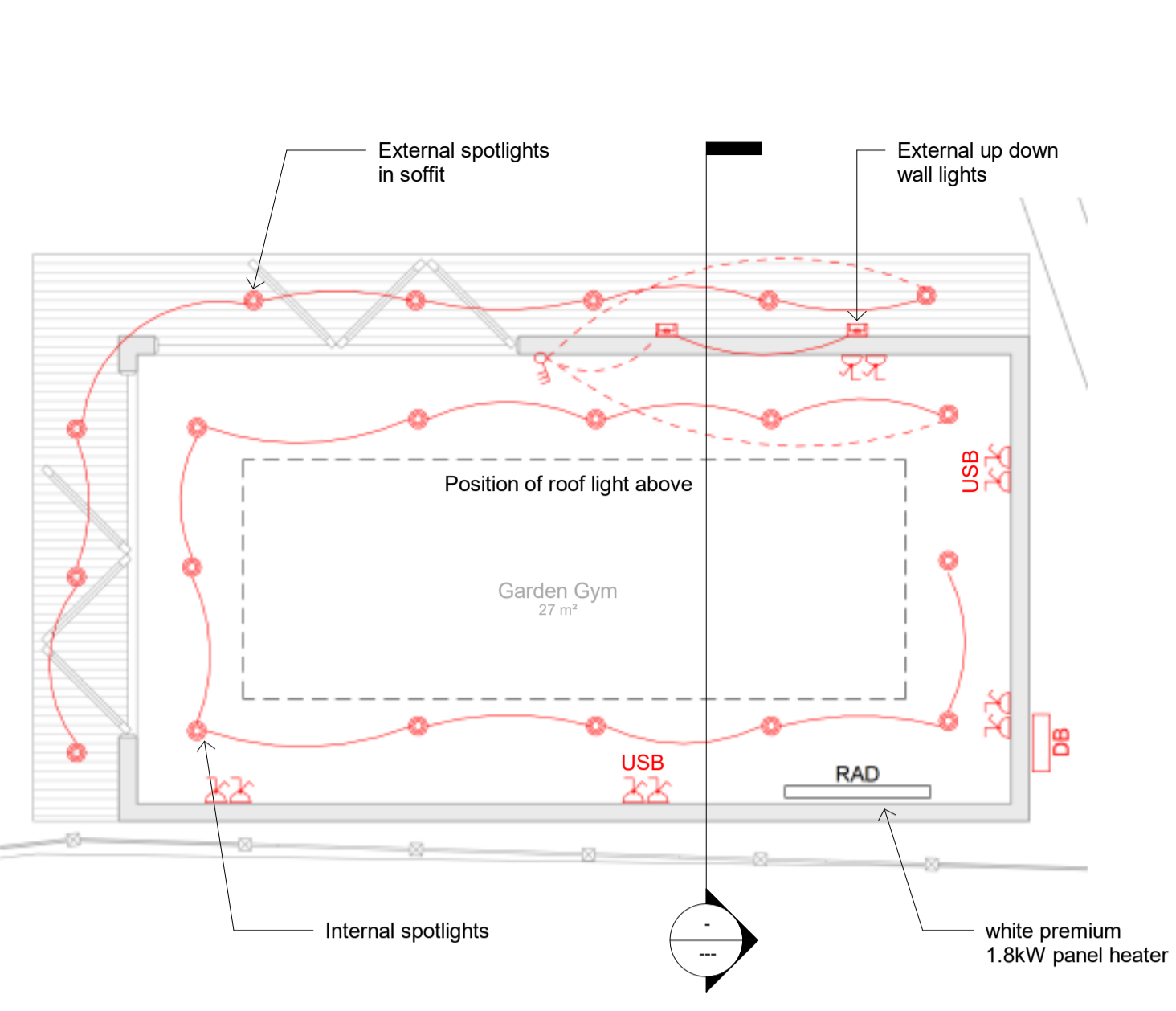
3 Elevation 5 - a
1 : 50



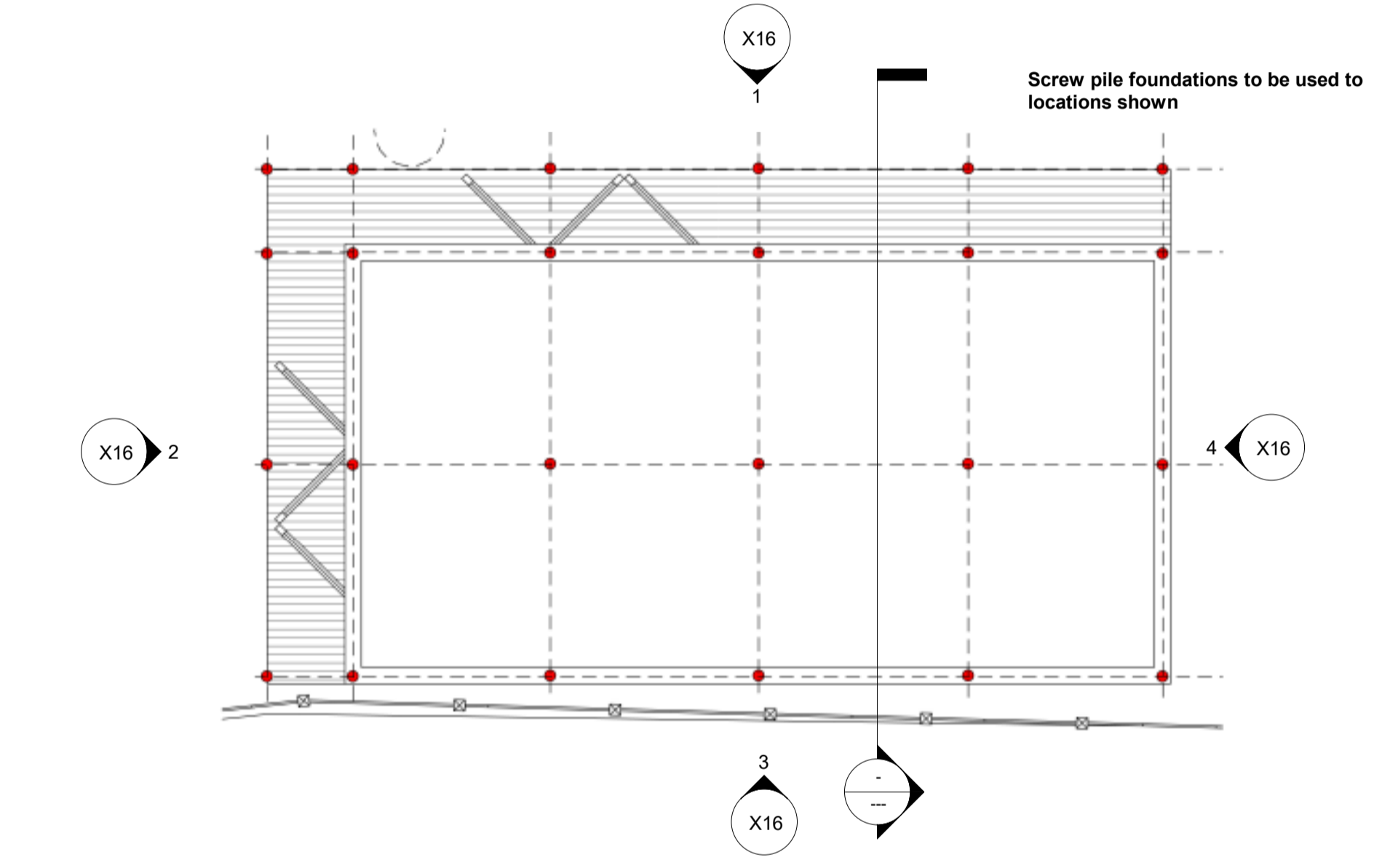
4 Elevation 6 - a
1 : 50



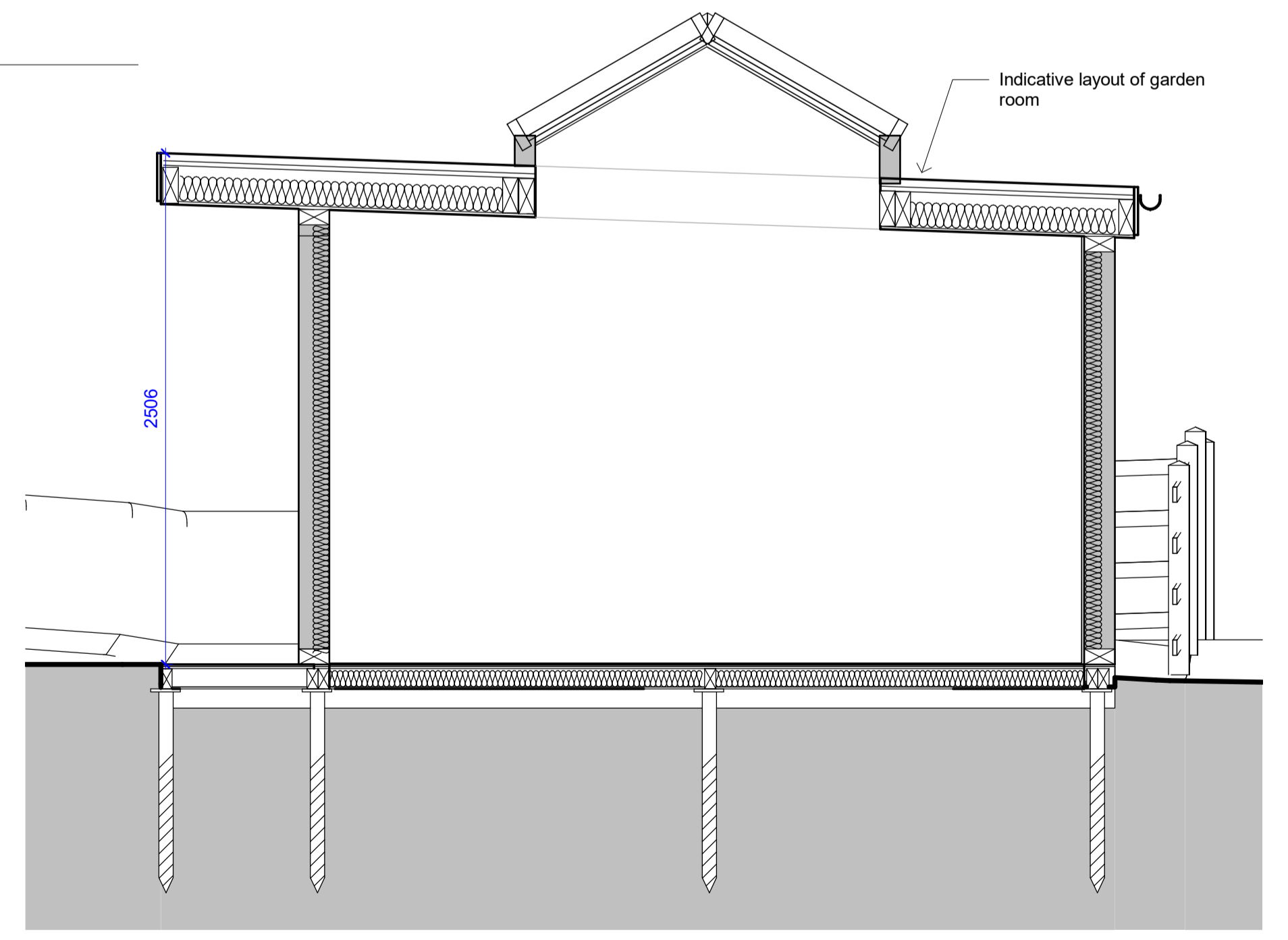
5 Garden Room Plan
1 : 50



6 Garden Room M+E
1 : 50



7 Garden Room Foundation Plan
1 : 50



8 Garden Room Section
1 : 25

Revisions:

A	28/07/23	Tender Issue
B	25/03/24	Updated quotation
C	29/05/24	Amended Plan
D	10/07/24	Planning Discharge Issue

THIS DRAWING IS FOR DETAILED DESIGN PURPOSES. IT MAY NOT BE THE MOST RECENT FOR CONSTRUCTION.

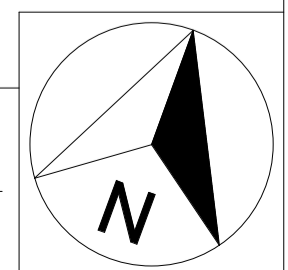
BUILDING REGULATIONS

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Client	MILES HUSH
Project	ADAPTION/EXTENSION
Address	Oakwood House, Lane Head Lane, Kirkburton, Huddersfield, HD8 0SQ
Scales	Date
As indicated @A1	
Drawing Title	Garden Room Layouts
Drawing No.	7880 - X16
Revision	D



I hope that this report provides all the necessary information, but should any further advice be needed please do not hesitate to contact the author.

Signed

.....
Andrew Bussey *LANTRA Accredited PTI.*

9th August 2024

For and on behalf of *JCA Ltd*

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JCA Ltd. Arboricultural and Ecological Consultants

Professional Tree and Ecology Advice nationwide

ARBORICULTURAL SERVICES

Guidance for Architects and Developers

- British Standard 5837 Tree Surveys
- Arboricultural Implication Assessments (AIA)
- Arboricultural Method Statements (AMS)

Advice for Engineers, Loss Adjusters and Insurers

- Tree Surveys for Subsidence
- Heave Assessment
- Tree Root Identification

Advice for Local Authorities and Social Housing

- Tree Safety Surveys
- Specialist Decay Detection
- Landscape and Orchard Design

Tree Advice for the Legal Profession

- Subsidence Litigation
- Personal Injury and Accident Investigation
- Expert Witness, Planning Inquiries and Appeals

Veteran Tree Management

- Ancient Woodland Management
- Veteran Tree Management

Tree Health and Pest and Disease Management

- Pest and Disease Surveys
- Tree Health Checks
- Disease Mitigation and Control

ECOLOGICAL SERVICES

Ecological Pre-Planning Services

- Phase 1 Habitat Surveys
- Great Crested Newt eDNA Sampling
- Protected Species: Bat, Wintering and Nesting Bird, Badger, Amphibian, Otter, Water Vole, White-Clawed Crayfish, Dormice and Reptile Surveys.
- Preparation for Environmental Impact Assessment (EIA)
- Invasive Species Surveys
- Code for Sustainable Homes

Ecological Post-Planning Services

- Biodiversity Enhancement Plans
- Protected Species Mitigation
- Ecological Management (Bat and Bird box installation and inspection)

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