ENTUITIVE
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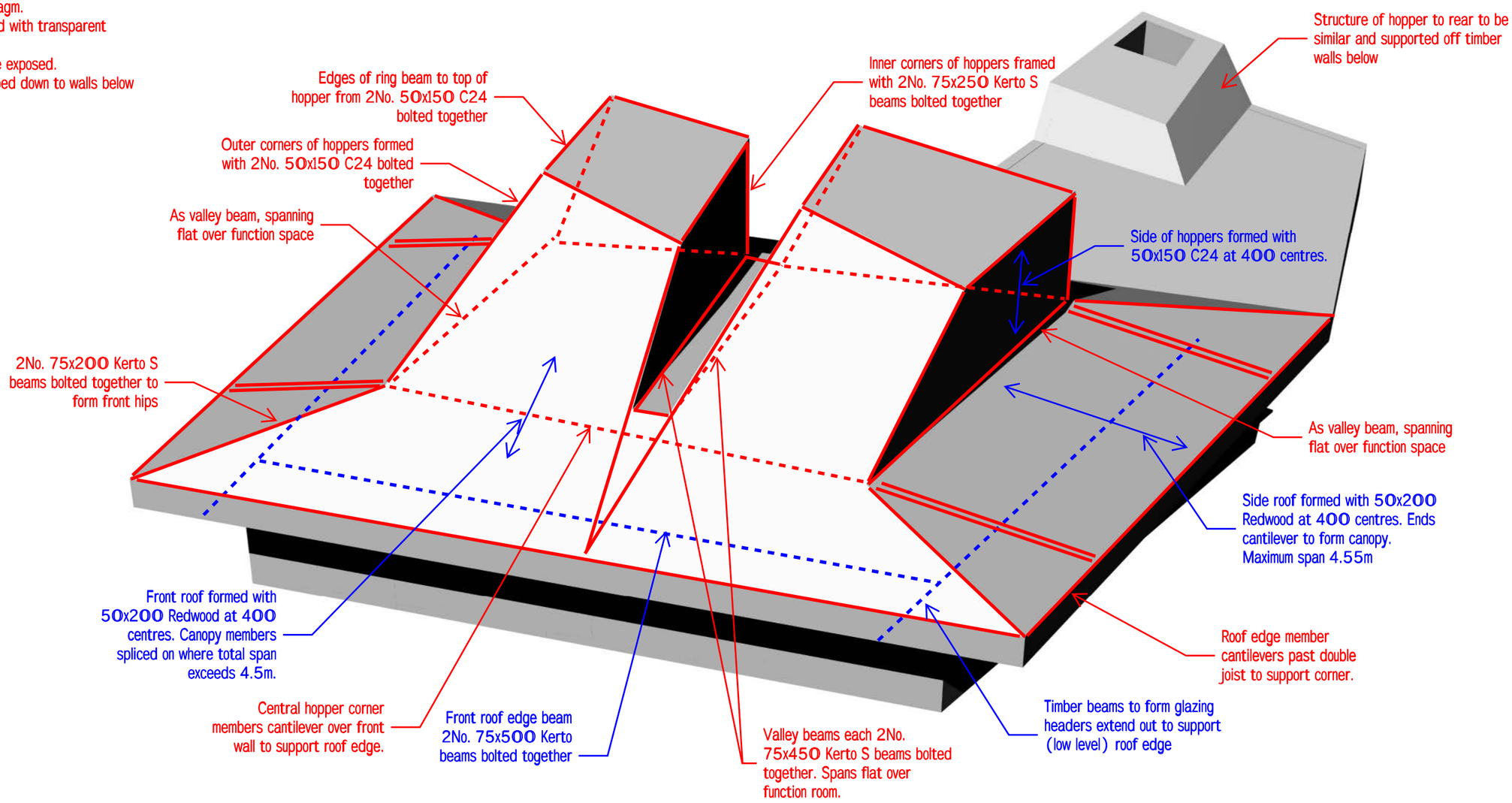
Project:				Project No.:	No.:
CAMLEY STREET NATURAL PARK				4521	SK-S-001 A
Design:	Drawn:	Checked:	Date:	Activity No.:	Scale:
-	FWM	-	06/09/2017	-	N.T.S.
Subject:				Status:	
ROOF HOPPER STRUCTURE				PRELIMINARY	

Notes:

1. It is assumed wall / roof finishes will be extended over all roof member junctions to hide awkward geometry and steel connection shoes.
2. Joists to be hung from beams using Simpson SAE skewed and sloped hangers. It is assumed these will also be hidden.
3. Entire roof to be covered in 2No. layers of 12mm WBP ply with staggered joints to create diaphragm.
4. Timber to external canopy to be treated with transparent preservative.
5. All exposed timbers to be planed where exposed.
6. All roof timbers to be strapped or clipped down to walls below at junctions / eaves.



6.5.2 Roof Structure

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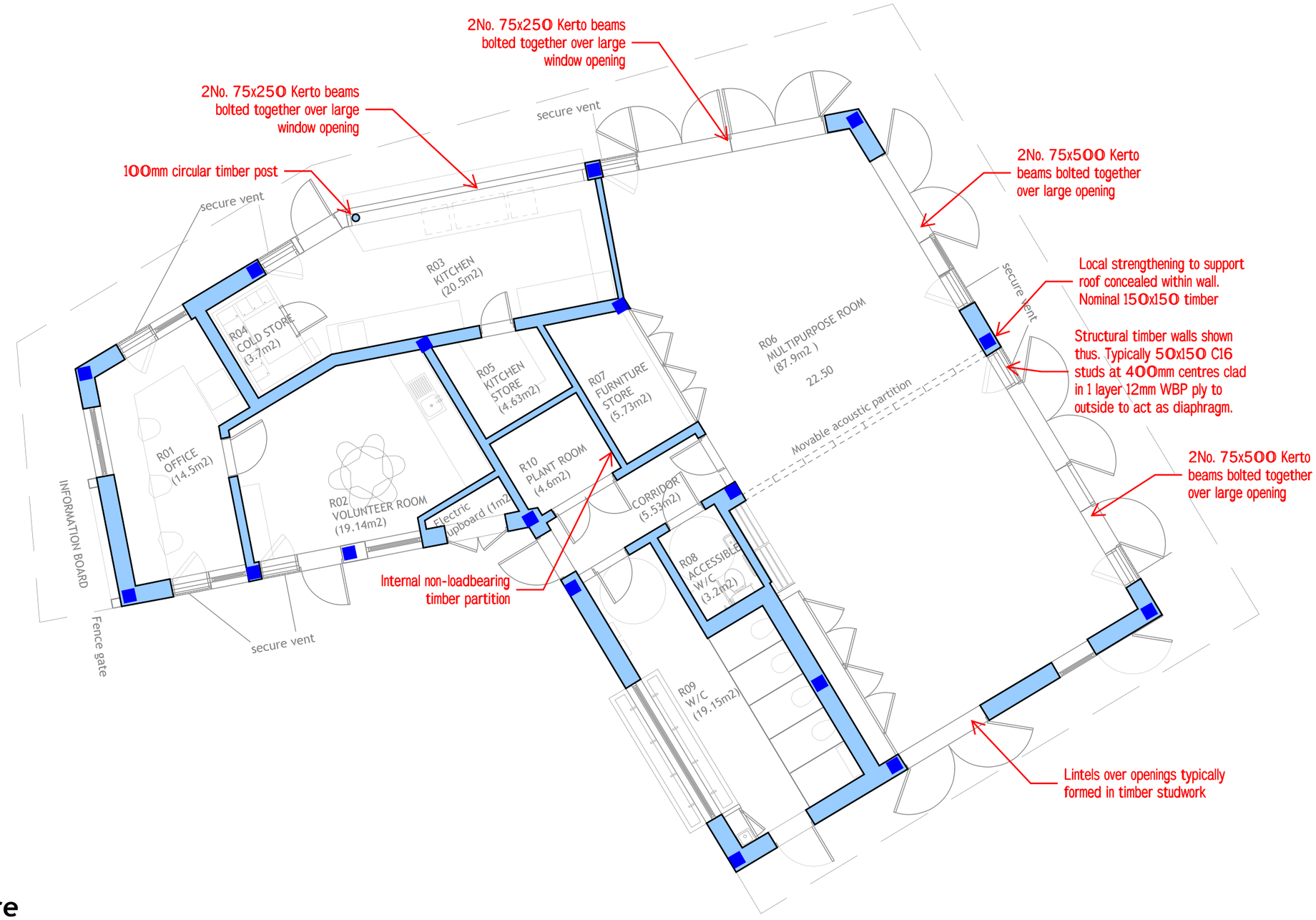
Project:				Project No.:	No.:
CAMLEY STREET NATURAL PARK				4521	SK-S-003 A
Design:	Drawn:	Checked:	Date:	Activity No.:	Scale:
-	FWM	-	06/09/2017	-	1:100 @ A3
Subject:				Status:	
GROUND FLOOR PLAN				PRELIMINARY	



6.5.3 Wall Structure

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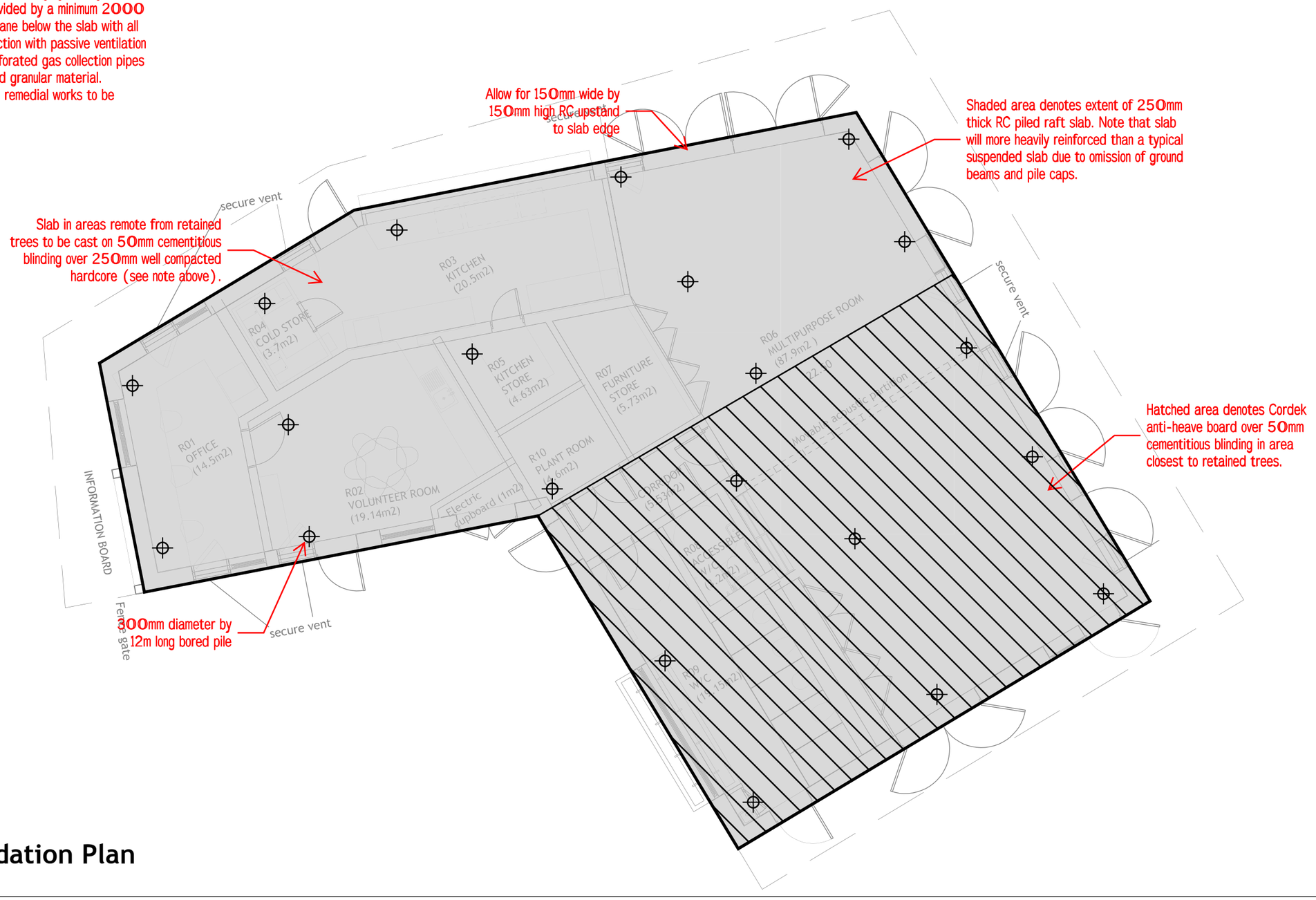
Project:				Project No.:	No.:
CAMLEY STREET NATURAL PARK				4521	SK-S-002 A
Design:	Drawn:	Checked:	Date:	Activity No.:	Scale:
-	FWM	-	06/09/2017	-	1:100 @ A3
Subject:				Status:	
FOUNDATION PLAN				PRELIMINARY	

Notes:

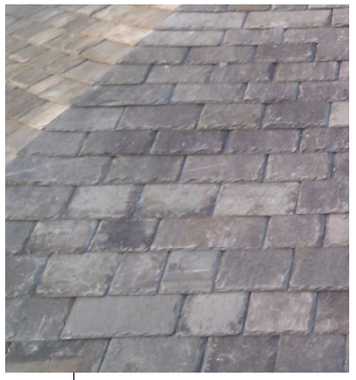
1. Piles to be bored to allow for buried obstructions.
2. Subject to results of further site monitoring, ground gas protection beneath slab to be provided by a minimum 2000 gauge HDPE gas resistant membrane below the slab with all joints lapped and sealed in conjunction with passive ventilation beneath the slab provided by perforated gas collection pipes set within 250mm well compacted granular material.
3. Ground contamination (asbestos) remedial works to be confirmed.



6.5.4 Foundation Plan

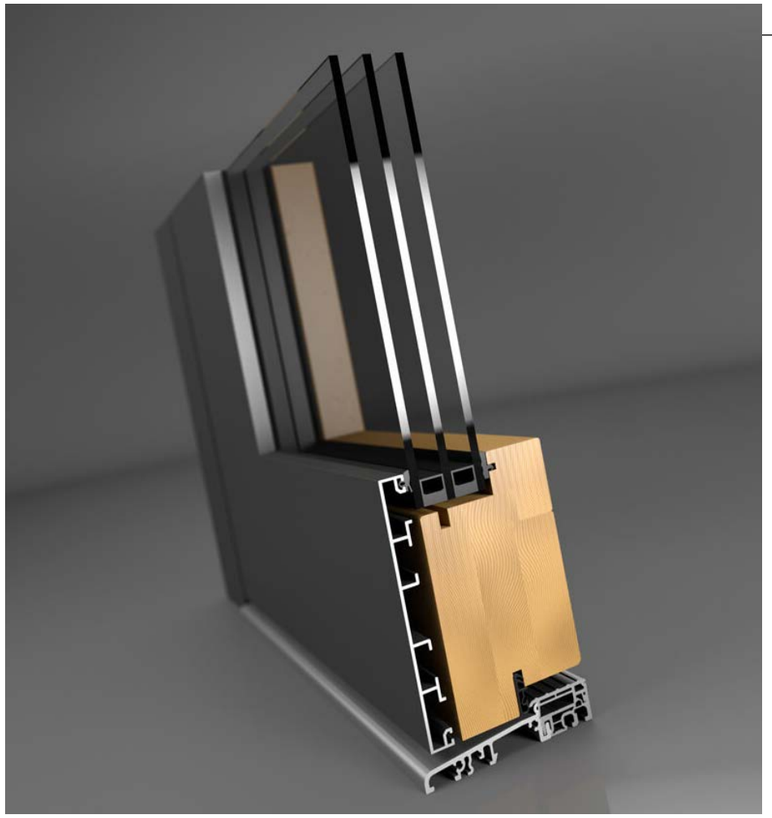
6.5.5 Building Materials

The proposed material palette is a natural palette respecting the context of nature reserve. The roof is a slate roof adding a natural colour variation and texture to the unique roof form. Wall planes are clad with timber to give a more tactile and soft feeling in immediate contact with the visitors. The colour variations is created by weathered (silvery) sawn timber cladding below the soffit datum line, and blonde timber above. All glazed elements are metal powdercoated in sage colour. The wall vents are overclad with spaced weathered timber cladding boards.
Valley and eave gutters are powdercoated aluminum and down pipes are powdercoated metal.
The fins on the roof chimneys are clad with copper.



Copper cladding for fins at roof chimney

Natural slate roof mitered corner

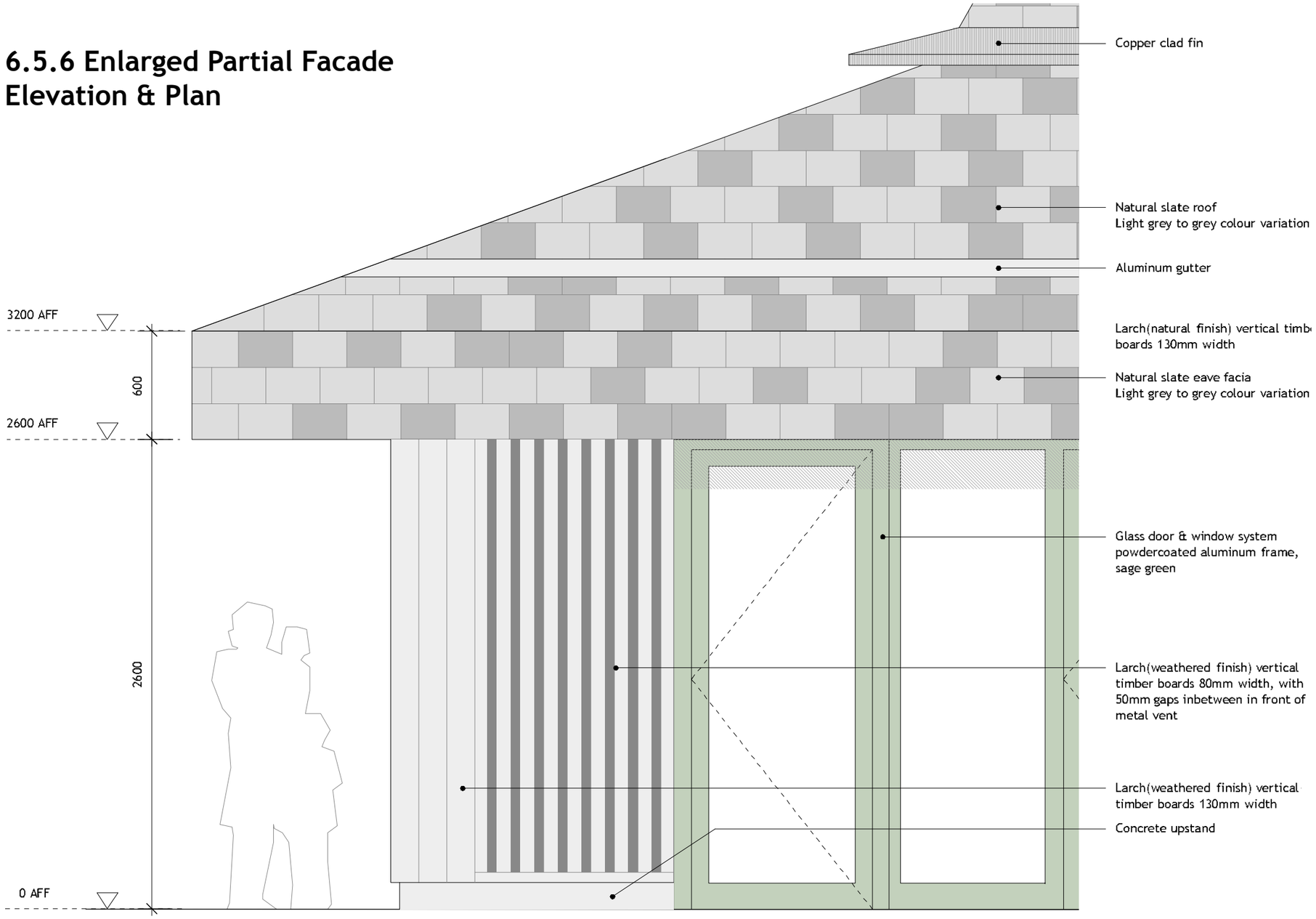


Metal window (double glazed), powdercoated to sage colour

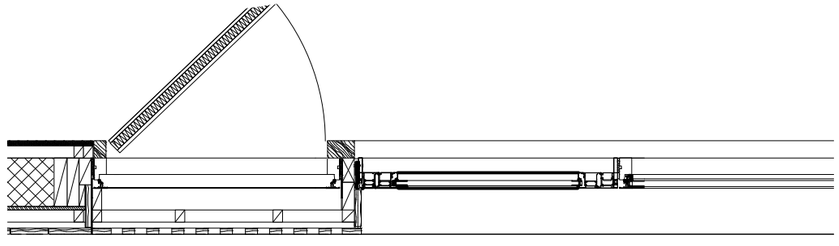
Blonde timber cladding board (butted joint) above soffit line

Weathered timber cladding (butted joint) below soffit datum line

6.5.6 Enlarged Partial Facade Elevation & Plan



EAST ELEVATION

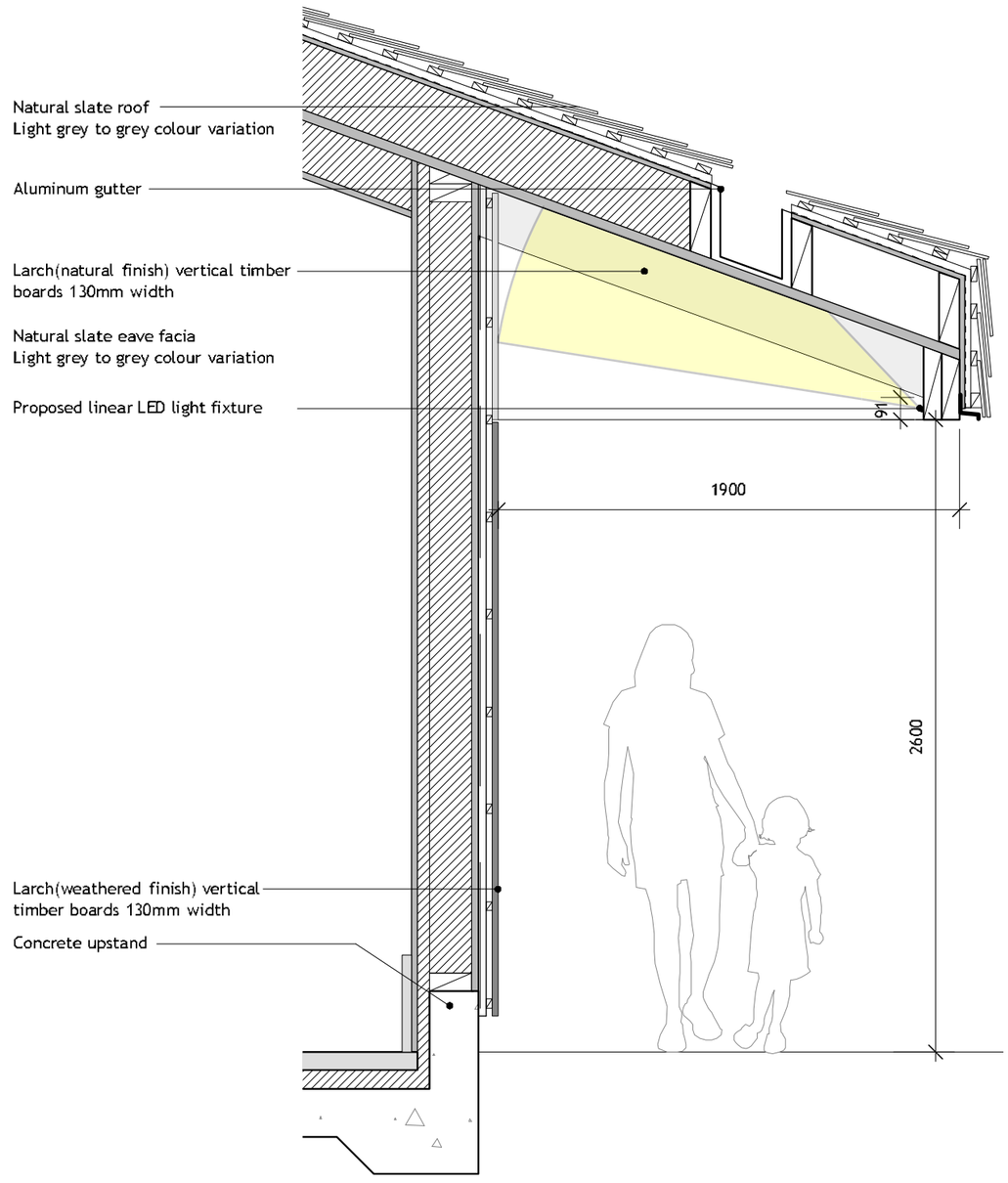


PLAN - EAST WALL

title	Typical Cladding Detail
scale/date	1:25 at A3 22.09.17
drwg no	17342- GA40 -P01

6.5.7 External Lighting

The roof edge extends to provide cover along the building perimeters. The timber rafters at the soffit are exposed, providing rythm and visual interest. External lighting is proposed to provide a safe route during low light hours. The proposed lights are directed upwards to create animation of the canopy features, bouncing light off of the soffit and illuminating the wall plane. The light level is around 50 lux.



title Typical Cladding Detail

6.5.8 Security

The site security strategy has been developed in meetings with LWT.

Boundary & Access:
The current 1.6m high timber palisades along Camley Street are closely spaced, the posts are so densely hedged with mature shrubs and plants that it creates a formidable and natural boundary to Camley Street edge.
The main entrance gate is approximately 6m height made of metal double gates and a pedestrian gate, all of which are to be retained. (refer to: 6.3.1 Building Programme Access Plan & Boundary Treatments)

The boundary of the new landscaped area to the north of the site towards Somers Town Bridge is made up of a the newly constructed balustrade, metal railings and a gabion retaining wall of the bridge. The current gap at the edge of the gabion wall by the canal edge will be closed off with a new gabion wall (extending the existing).
The main site entrance is directly in line of view from the window at the office, where staff can keep an eye on who is entering the reserve.
Within the site, public access to the nature reserve area is controlled by the proposed 1.6m high metal railings with matching gate with magnetic lock and intercom system.

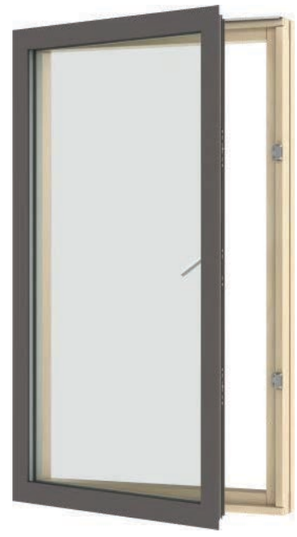
The landscape furniture is designed with robust material, hardwood timber and gabion stone box cages and the landscape layout incorporates a turning circle for vehicle entry demarkated with protective planting to separate from the pedestrian path.

Doors & Windows:
All windows and doors will be Secure by Design Rated.
All the doors will be certified for night-time locking and equipped with access control for working hours.

Alarm & CCTV system:
The building will be equipped with an alarm and a CCTV

Secure By Design rated fixed roof light

Secure By Design rated entrance door



Secure by Design rated side hung window