TRINITY SITE D - CONDITION 143 - ENCLOSURES

REV	PURPOSE OF ISSUE	DATE	AUTHOR
REV (-)	FIRST ISSUE	08/04/2026	KATY HAYHOE

SQUARE YARD

Tel. > *+44 (0) 7514 281 452*
Email. > *studio@yd2.co.uk*
Web. > *www.yd2.co.uk*

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CONTEXT - PLANNING PROPOSALS (2021)

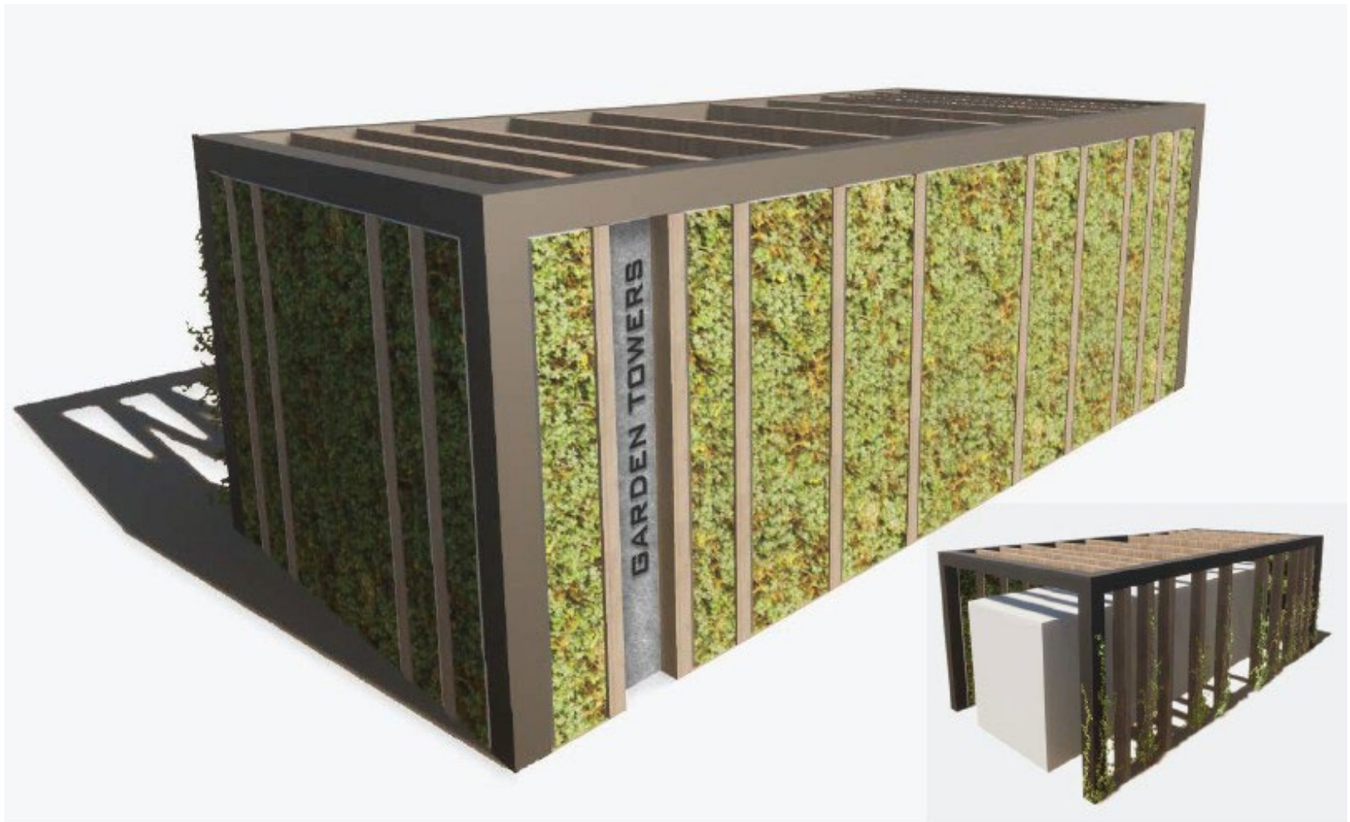


PLANNING PROPOSALS

The planning proposals included a generator for Tower D1 and Tower D2 .

The proposals explored the use of a metal frame support with instant green wall infill to the elevations facing Trinity Way with vertical climbers facing the service yards.

Extracted visuals from the Design and Access Statement are below.



Axonometric view of the D2 enclosure from the roads outside of the site (D2)

Axonometric view from the service yard (D2)











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Landscape Architecture
Urban Design
Masterplanning

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DESIGN DEVELOPMENT - ENCLOSURE LOCATION UPDATES



DESIGN DEVELOPMENT

Following design development and detailed coordination the site plan has evolved to include an additional external enclosure to house some bins for Tower D1 and has required the movement of the D1 Generator further north.

All 3 enclosures will be designed with a common language with their arrangement tailored to the site location and adjacencies.

The design premise from planning remains with the use of instant green walls along the elevations that face towards Trinity Way. One of the main changes is the rationalisation of the vertical support structures being shown through the green wall. It is now proposed that the green wall 'wraps' as much of the structure as possible to allow the vegetation to be the main focus.

PLANTING / ECOLOGY PROPOSALS

Working with a specialist green wall supplier a wide range of plant species have been selected for several ecological and social benefits. A high proportion of species have ultra-fine hairs which are excellent and absorbing pollutants which will help benefit the residents as there will be a lot of cross winds from this area.

Plant species like hedera and vinca minor have also been proposed as they are some of the only winter flowering species in the UK, this helps invertebrates over the winter period which in turn mean they act as a great food source for higher order wildlife birds for spring.

The blend of plants across the3 structures would provide a habitat for at least 125 invertebrate species such as ladybirds and solitary bees which will also help provide natural pest control for the rest of the landscaping.

Example Plant List:

Pachysandra terminalis
Euonymous minimus
Hedera
Carex
Contoneaster dammeri
Leucothoe
Euonymous green spire
Vinca minor
Polypodium vulgare

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DESIGN PROPOSALS - D2 GENERATOR ENCLOSURE

REFER TO DRAWING: ZD-SQY-G710-DE-GRD-441



Perforate metalwork to allow free air flow from the generator vent

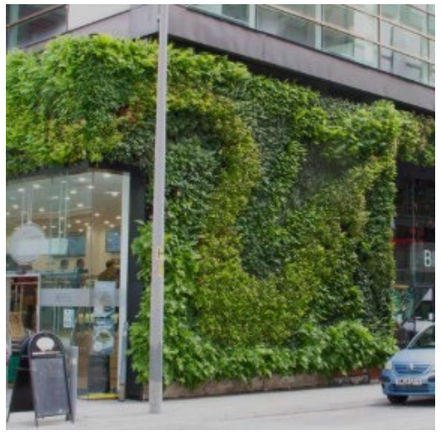
2m high hedge surrounds the outer extent of the landscape where the enclosure will be screened to the lower extents

Extent of green wall wrapping around the enclosure

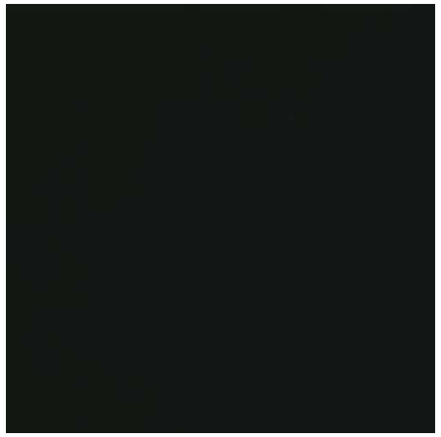
D2 Generator
Generator to be P/C black to be less visible from above when located within the goal post structure (also black)

Green wall appears as an extension to the wider planting

Access doors



Aspirational image (I Want Plants)



Black Powder Coated Metalwork

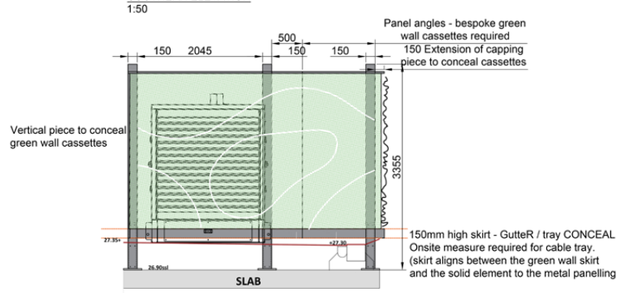
ILLUSTRATION OF PLANTING ARRANGEMENT WRAPPING AROUND THE FOUR WALLS (render from I Want Plants)



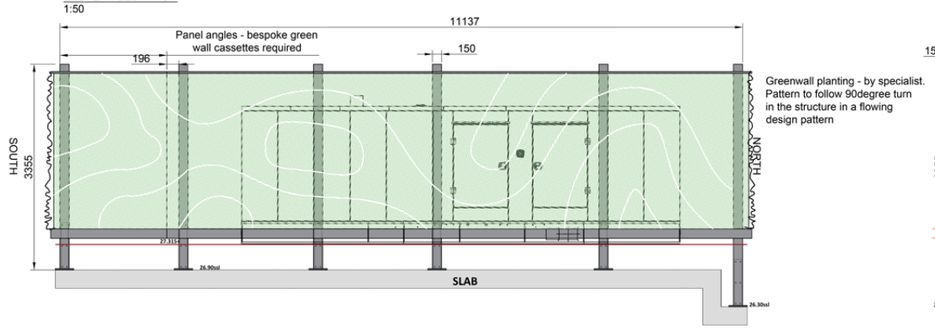
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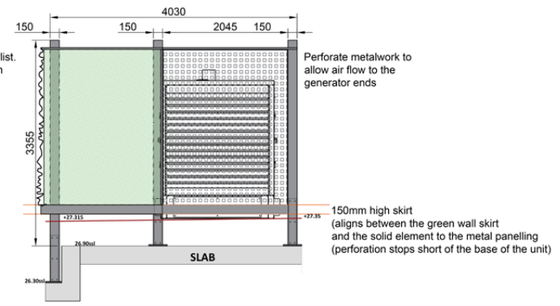
SOUTHERN ELEVATION
1:50



EASTERN ELEVATION
1:50



NORTHERN ELEVATION
1:50



REFERENCE PLANTING IMAGE

Supplier: I Want Plants (or similar approved)
Planting: Contractor to submit proposals (colour and leaf texture with high evergreen content), plants must be able to tolerate wind
Note: Planting pattern to return around corners
Other: Irrigation system required (water connection point required)



RAL 9005

All metalwork to be finished in RAL 9005 (BLACK)

Metal structure to be bespoke fabricated, fabricator to confirm all section sizes in shop drawing in advance of fabrication.

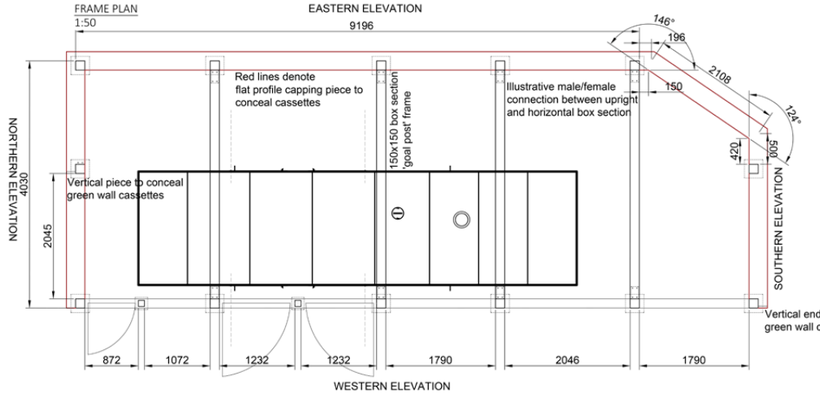
Main supports illustrated at150x150mm box section,
Secondary supports at 100x100mm

Generator to be installed in black finish

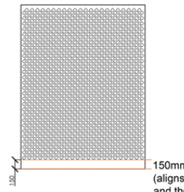
Detailing has assumed support legs are required to be installed early in the sequence to coordinate with slab waterproofing and the main structure to be installed as a later date.

Waterproofing and connections for generator supports require specialist input and detailing due to the connections fixing directly into the slab

FRAME PLAN
1:50



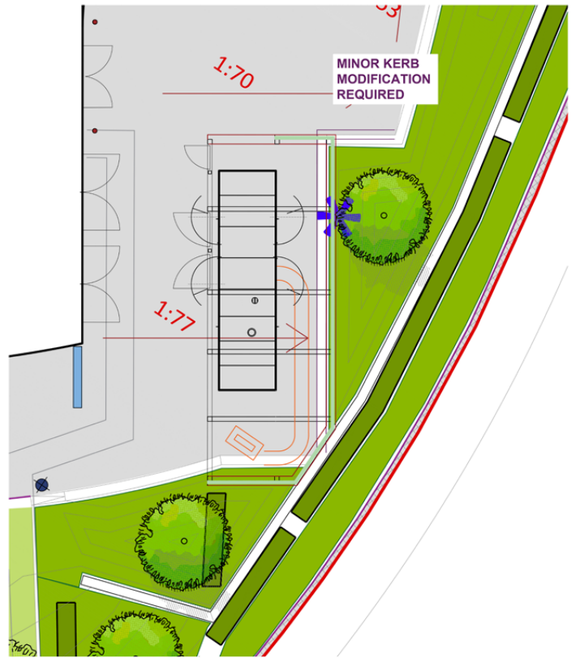
PERFORATE PANEL
1:50



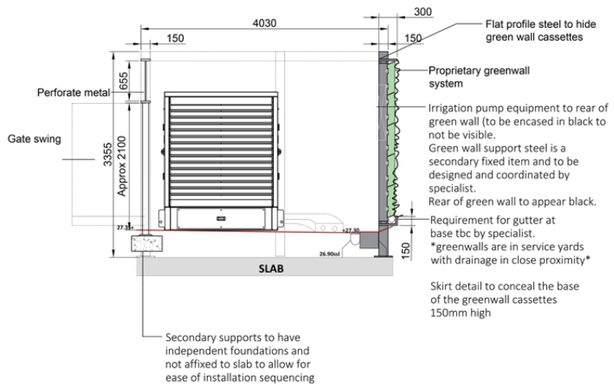
PERFORATE PATTERN
1:10



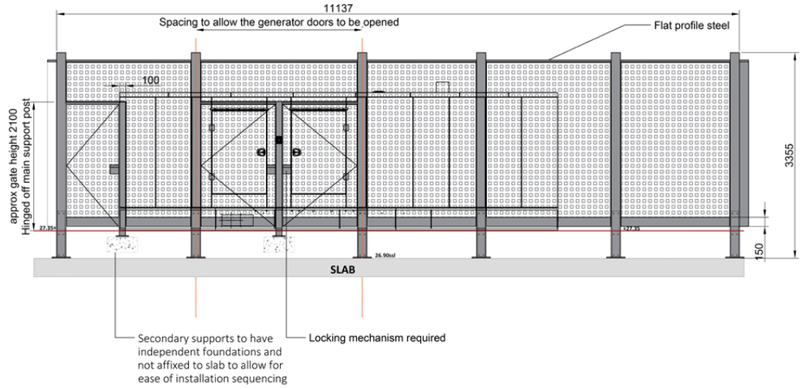
LOCATION PLAN
1:100



CROSS SECTION THROUGH GATE AND GREEN WALL
1:50



WESTERN ELEVATION
1:50



SQUARE YARD

Landscape Architecture - Urban Design - Masterplanning

Email - studio@yd2.co.uk
Web - www.squareyard.info
Tel - 0161 943 6053

Address:
SQR YRD LTD.
Hardman Business Centre,
New Hall Hey Road, Rossendale

GENERAL NOTES:

1. DIMENSIONS GOVERN
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE ON THE DRAWINGS
3. ALL DIMENSIONS SHALL BE VERIFIED ON SITE PRIOR TO ANY CONSTRUCTION
4. SQUAREYARD SHALL BE NOTIFIED OF ANY DISCREPANCIES

DRAWING NOTES:

REV	DESCRIPTION	DRAWN	CHECKED	DATE
P1	FIRST ISSUE FOR REVIEW	KH	KH	09/06/2025
P2	SECOND ISSUE FOR REVIEW	KH	KH	16/06/2025

PROJECT TITLE
TRINITY SITE D

SQUARE YARD: 25_007

DRAWING TITLE
D2 GENERATOR ENCLOSURE

SCALE @ A1
VARIES

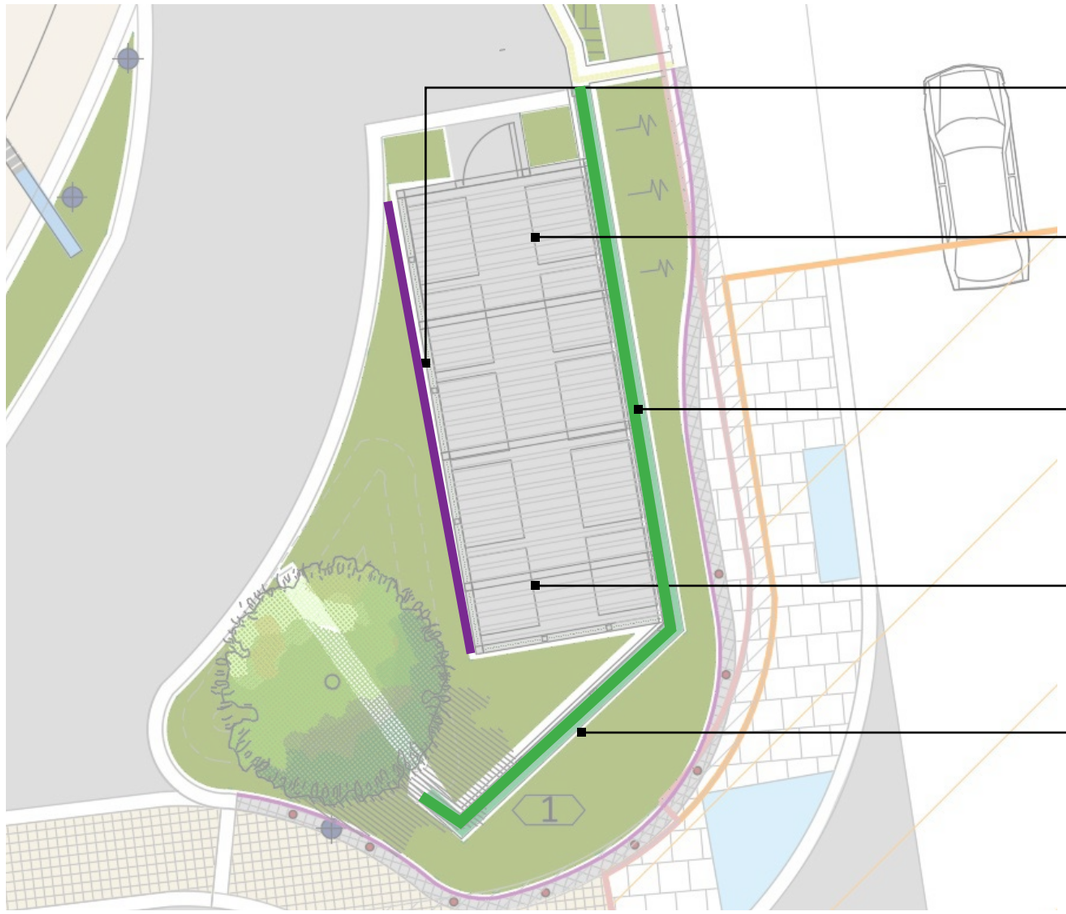
DATE
JUNE 2025

ZD-SQY-G710-DE-GRD-441

REVISION
P2

DESIGN PROPOSALS - D1 BIN ENCLOSURE

REFER TO DRAWING: ZD-SQY-G710-DE-GRD-422



Perforate panel to allow for climbing plants to be grown up the structure.

Angled louvers to the top to restrict views into the bin enclosure from the adjacent foot way and from the elevated views from within the tower

Extent of green wall wrapping around the enclosure and angled to provide attractive entrance to the development

D1 Bin Enclosure
Structure to be Powder Coated Black

Green wall appears as an extension to the wider planting



Instant Jasmine Climbers

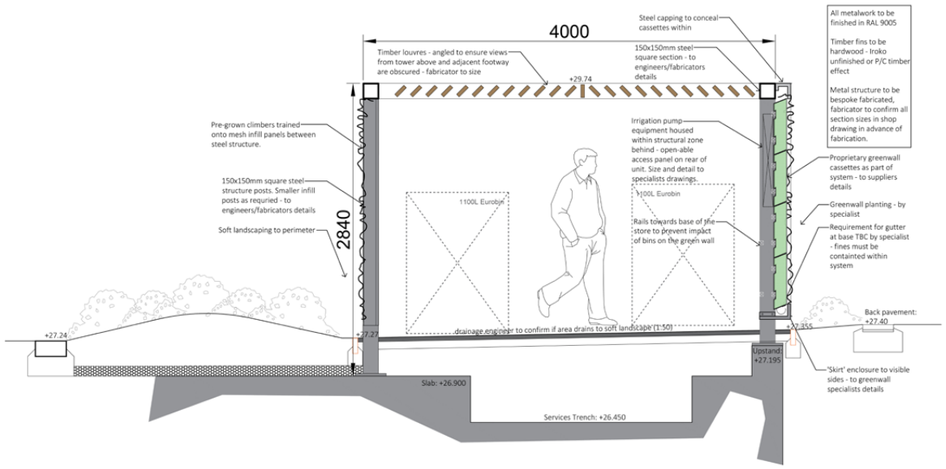


Black Powder Coated Metalwork

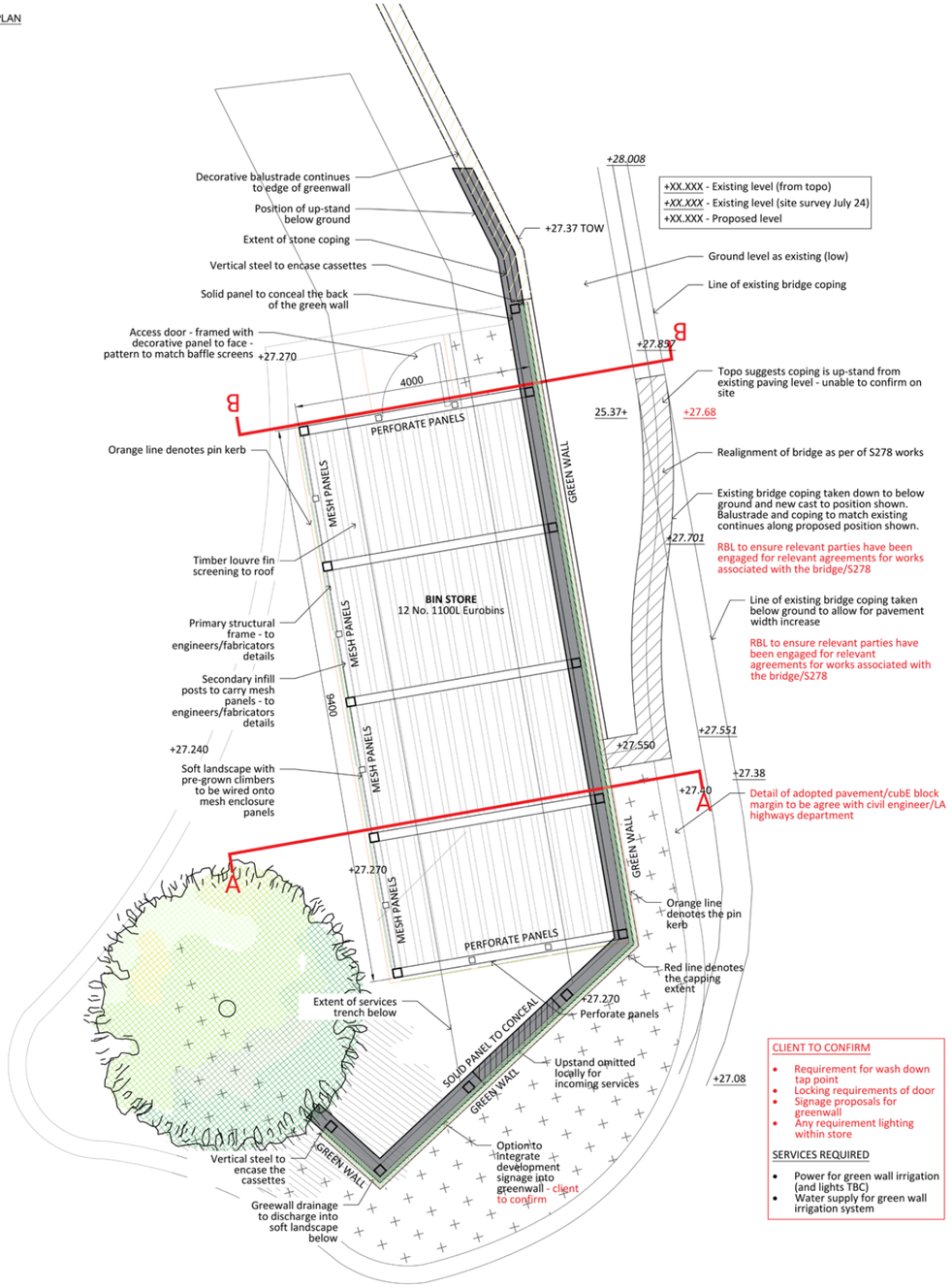
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SECTION A
1:50



LOCATION PLAN
1:50



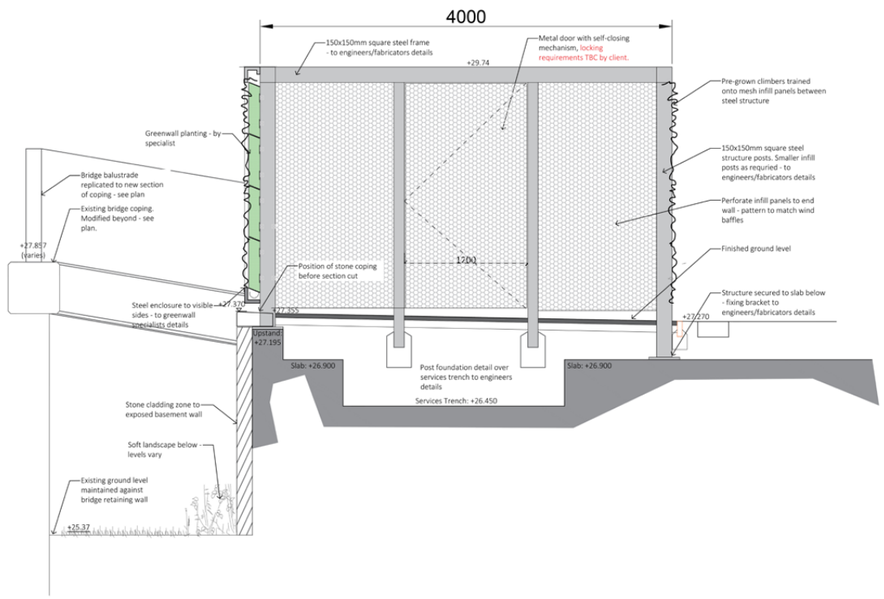
CLIENT TO CONFIRM

- Requirement for wash down tap point
- Locking requirements of door
- Signage proposals for greenwall
- Any requirement lighting within store

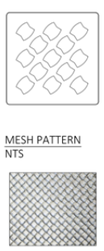
SERVICES REQUIRED

- Power for green wall irrigation (and lights TBC)
- Water supply for green wall irrigation system

SECTIONAL ELEVATION B
1:50



PERFORATE PATTERN
1:10



MESH PATTERN
NTS

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Haraman Business Centre,
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PROJECT TITLE
TRINITY SITE D

SQUARE YARD: 25_007

DRAWING TITLE
BIN ENCLOSURE

SCALE @ A1
1:50

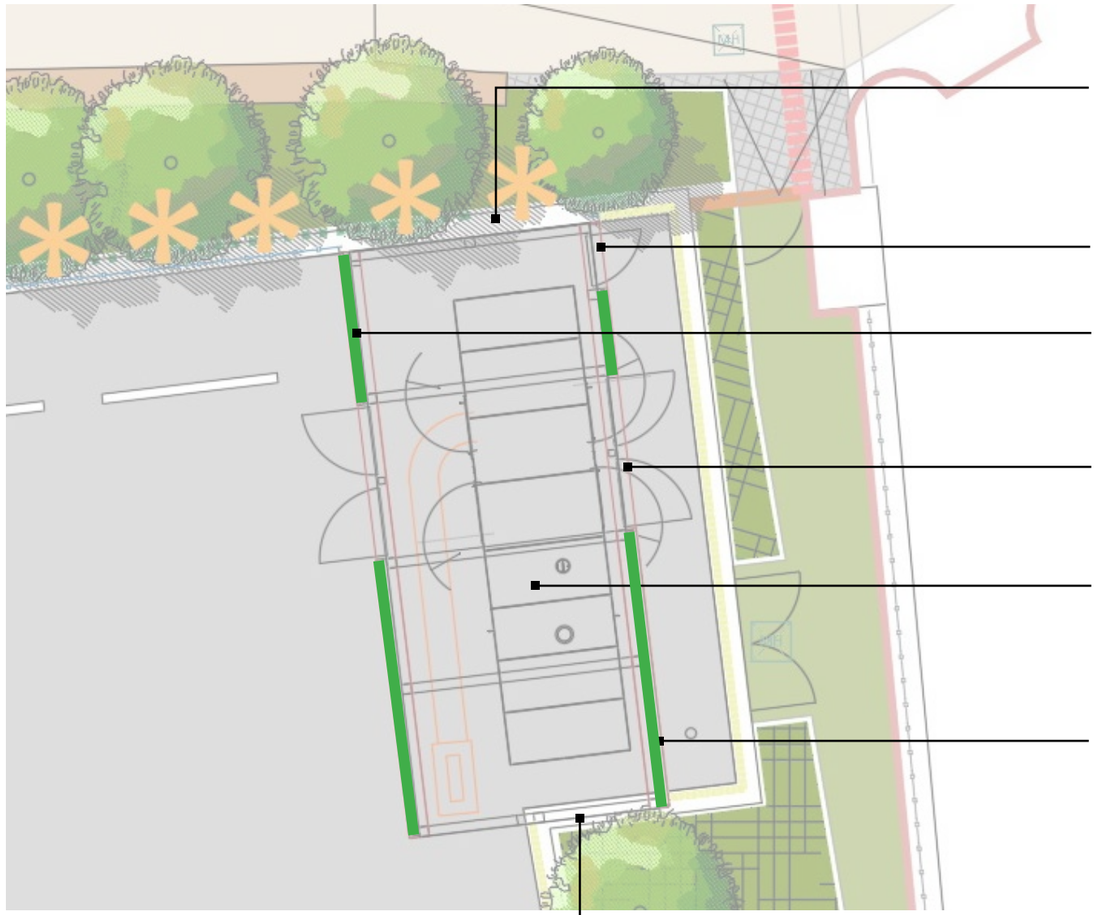
DATE
JULY 2025

REVISION
P1

ZD-SQY-G710-DE-GRD-422

DESIGN PROPOSALS - D1 GENERATOR ENCLOSURE

REFER TO DRAWING: ZD-SQY-G710-DE-GRD-442



Perforate metalwork to allow free air flow from the generator vent

Door to allow access to eastern facade

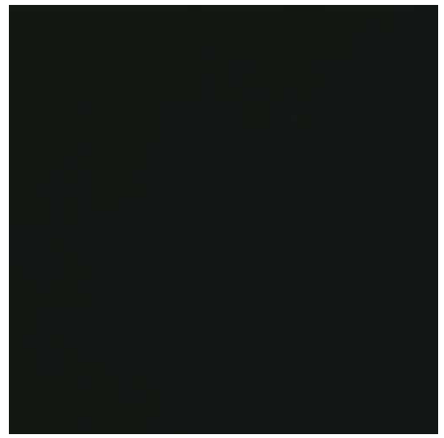
Extent of green wall facing towards views from the River Walkway

Access doors

D1 Generator
Generator to be P/C black to be less visible from above when located within the goal post structure (also black)

Extent of green wall facing Trinity Way

Perforate metalwork to allow free air flow from the generator vent

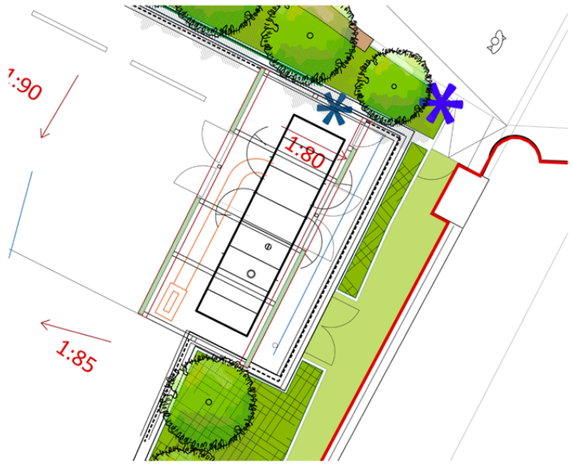


Black Powder Coated Metalwork

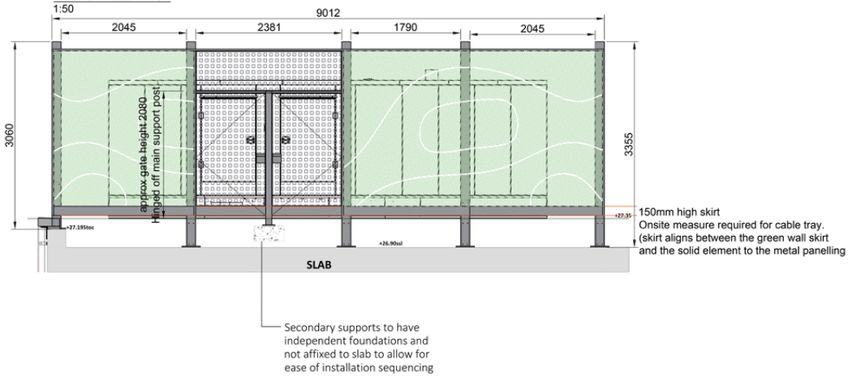
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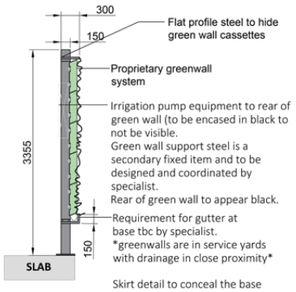
LOCATION PLAN
1:100



WESTERN ELEVATION
1:50



CROSS SECTION THROUGH GREEN WALL
1:50

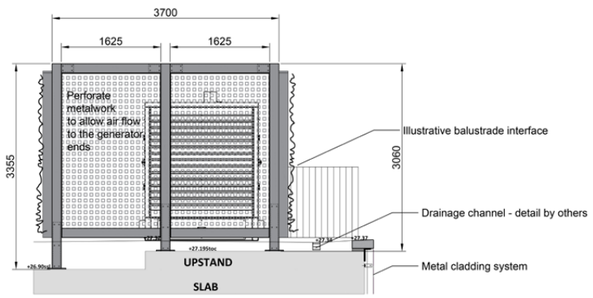


REFERENCE PLANTING IMAGE

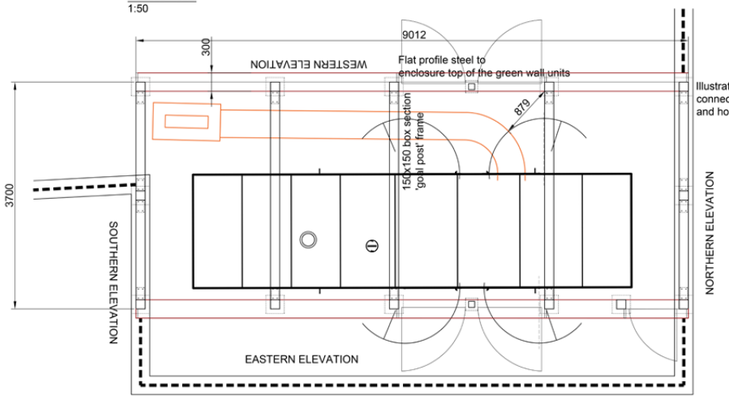
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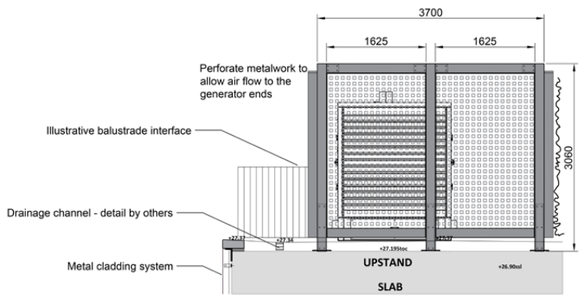
SOUTHERN ELEVATION
1:50



FRAME PLAN
1:50



NORTHERN ELEVATION
1:50



METAL WORK NOTES:

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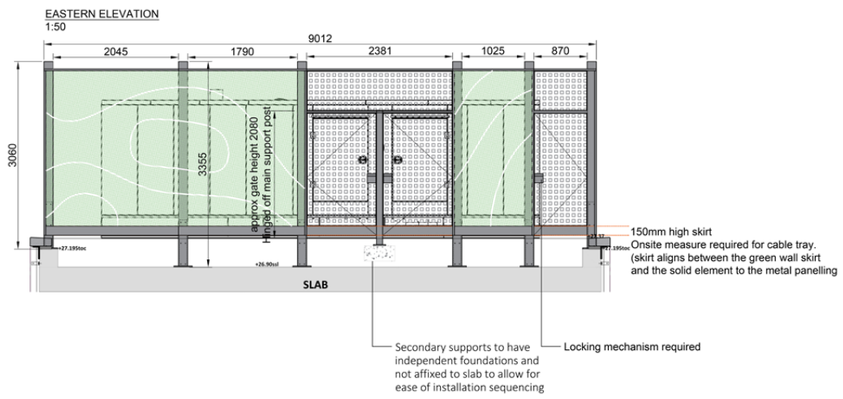
Generator to be installed in black finish

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REFER TO DRAWING 441 FOR PERFORATE DETAILS

EASTERN ELEVATION
1:50



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P2	SECOND ISSUE - GREEN WALL AMENDED	KH	KH	08/08/2025

PROJECT TITLE
TRINITY SITE D

SQUARE YARD: 25_007

DRAWING TITLE
D1 GENERATOR ENCLOSURE

SCALE @ A1
VARIES

DATE
JUNE 2025

ZD-SQY-G710-DE-GRD-442

REVISION
P2