

- NOTES:**
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OS BASE MAPPING:
EMPASITE DRAWING NO.
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LINK ROAD HIGHWAY GENERAL ARRANGEMENT:
BURROWS GRAHAM DRAWING NO. 30228-BGL-XX-XX-DR-C-00008 AND 30228-BGL-XX-XX-DR-C-00012 REV P06, DATED 14 MAY 2025.
MASTERPLAN LAYOUT:
MICHAEL SPARKS ASSOCIATES DRAWING NO. NOS-MSA-SI-XX-DR-A-2002 REV PL04, DATED 28 MAY 2025.
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P2	11JUN25	UPDATED MASTERPLAN LAYOUT	CJM	CJM	MHU
P1	21MAY25	MASTERPLAN UPDATED	CJM	CJM	MHU
P0	16APR25	ORIGINAL ISSUE	CJM	CJM	JWL
REV	DATE	DESCRIPTION	DES	CHK	APP

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Client:
BLOCWORK (EASTLEIGH) LLP & SIAL

Project Title:
NAVIGATOR QUARTER, SOUTHAMPTON

Drawing Title:
**INTERNAL MASTERPLAN LAYOUT
GENERAL ARRANGEMENT PLAN**

Status:
FIT FOR INFORMATION

Size:	Scale:	Suitability	Rev.
A1	1:1250	S2	P2

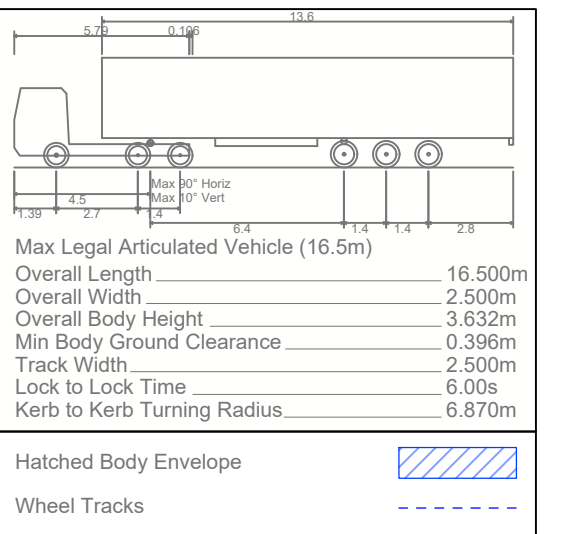
Drawing No.
24733101-STR-HGN-100-DR-D-00402



Unit 2
Haunch height 12.0m

Unit 1
Haunch height 12.0m

Unit 3
Haunch height 15.0m



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P0	16APR25	ORIGINAL ISSUE	CJM	CJM	JWL	
REV	DATE	DESCRIPTION	DES	CHK	APP	

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Client: **BLOCKWORK (EASTLEIGH) LLP & SIAL**

Project Title:
NAVIGATOR QUARTER, SOUTHAMPTON

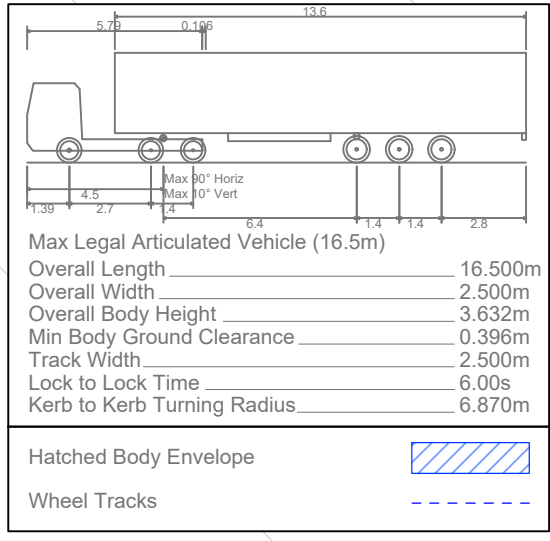
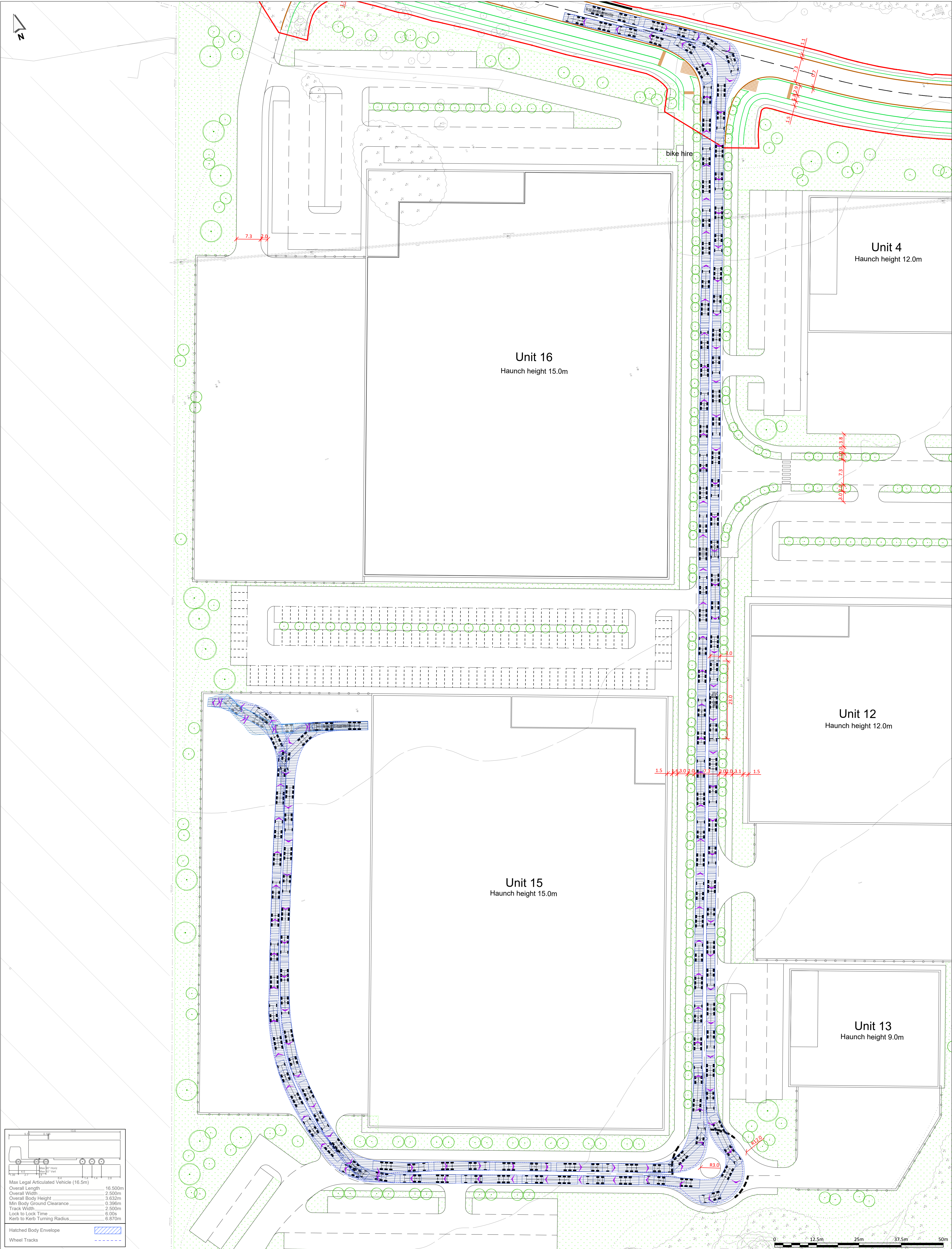
Drawing Title:

NORTH PLOT/UNIT 3 - HGVS

Status: **FIT FOR INFORMATION**

Size: A1	Scale: 1:500	Suitability S2	Rev. P2
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Drawing No.				DATE: 11/06/20
24733101-STR-HGN-100-DR-D-00403				



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P0	16APR25	ORIGINAL ISSUE	CJM	CJM	JWL
REV	DATE	DESCRIPTION	DES	CHK	APP

Drawing Title:			
SOUTH PLOT/UNIT 15 - HGVs SWEEP PATH ANALYSIS			
Status:			
FIT FOR INFORMATION			
Size:	Scale:	Suitability	Rev.
A1	1:500	S2	P2
Drawing No.			
24733101-STR-HGN-100-DR-D-00404			



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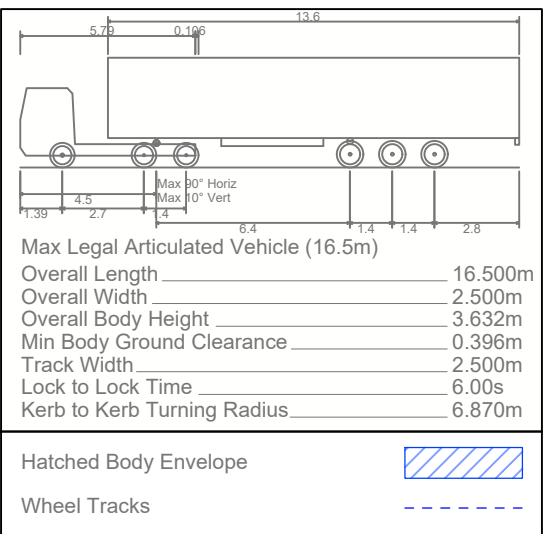
Project Title:

NAVIGATOR QUARTER, SOUTHAMPTON



Unit 16
Haunch height 15.0m

Unit 4
Haunch height 12.0m



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REV	DATE	DESCRIPTION	DES	CHK	APP	

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Project Title:
NAVIGATOR QUARTER, SOUTHAMPTON

Drawing Title:

SOUTH PLOT/UNIT 16 - HGVS SWEPT PATH ANALYSIS

Status: **FIT FOR INFORMATION**

Size: A1	Scale: 1:500	Suitability S2	Rev. P2
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Drawing No.
24733101-STR-HGN-100-DR-D-00405

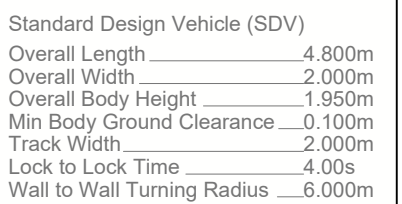
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A horizontal graphic scale bar with alternating black and white segments. It is marked with the values 0, 5.0m, 10.0m, 15.0m, and 20.0m.

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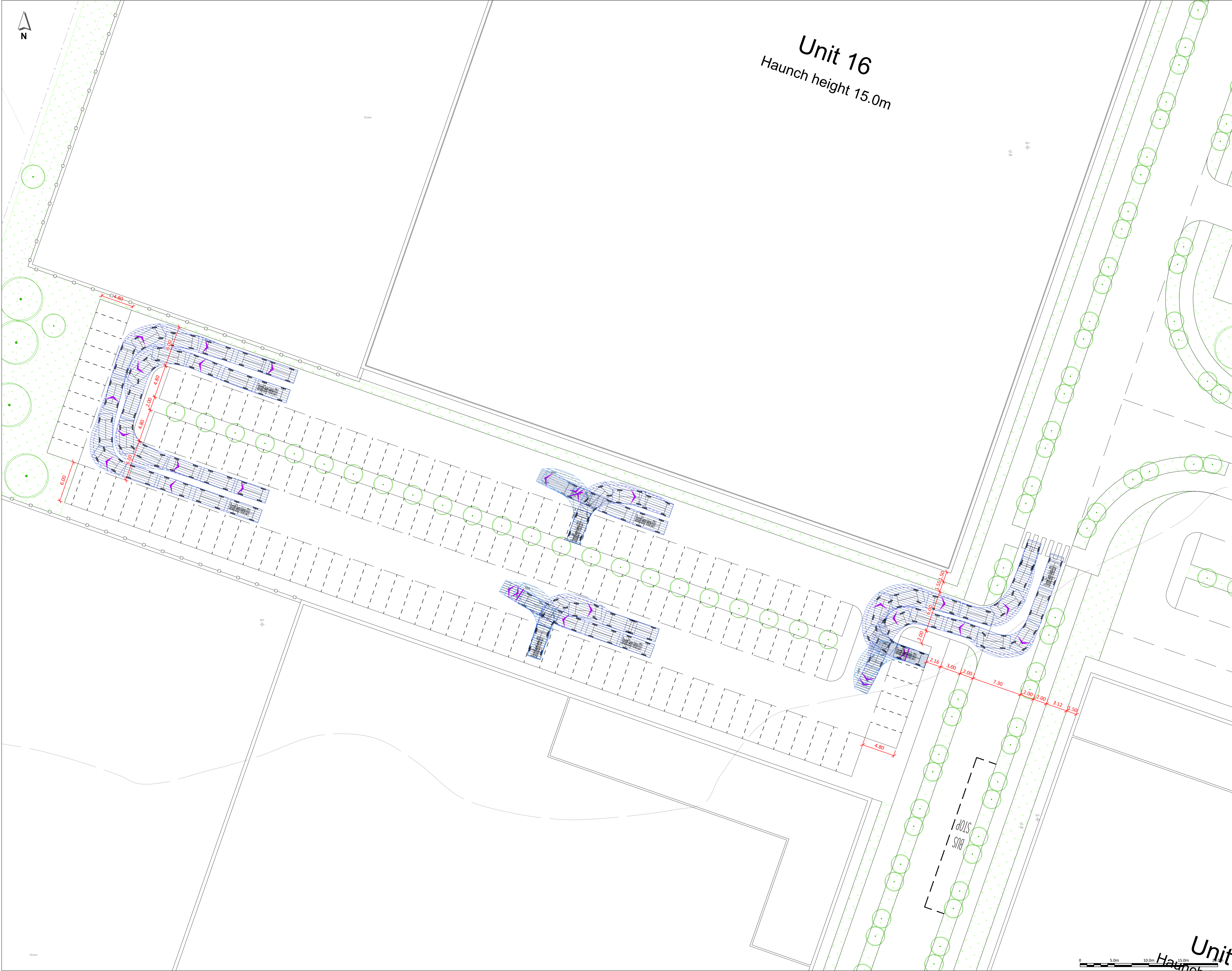
Project Title:
NAVIGATOR QUARTER, SOUTHAMPTON

UNIT 3 - CAR PARKING SWEPT PATH ANALYSIS

Status: **FIT FOR INFORMATION**

Size: A1	Scale: 1:250	Suitability S2	Rev. P2
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Drawing No.
24733101-STR-HGN-100-DR-D-00406



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Standard Design Vehicle (SDV)

Overall Length	4.800m
Overall Width	2.000m
Overall Body Height	1.950m
Min Body Ground Clearance	0.100m
Track Width	2.000m
Lock to Lock Time	4.00s
Wall to Wall Turning Radius	6.000m

Hatched Body Envelope

Wheel Tracks

P2	11JUN25	UPDATED MASTERPLAN LAYOUT	CJM	CJM	MHU
P1	21MAY25	MASTERPLAN UPDATED	CJM	CJM	MHU
P0	16APR25	ORIGINAL ISSUE	CJM	CJM	JWL
REV	DATE	DESCRIPTION	DES	CHK	APP

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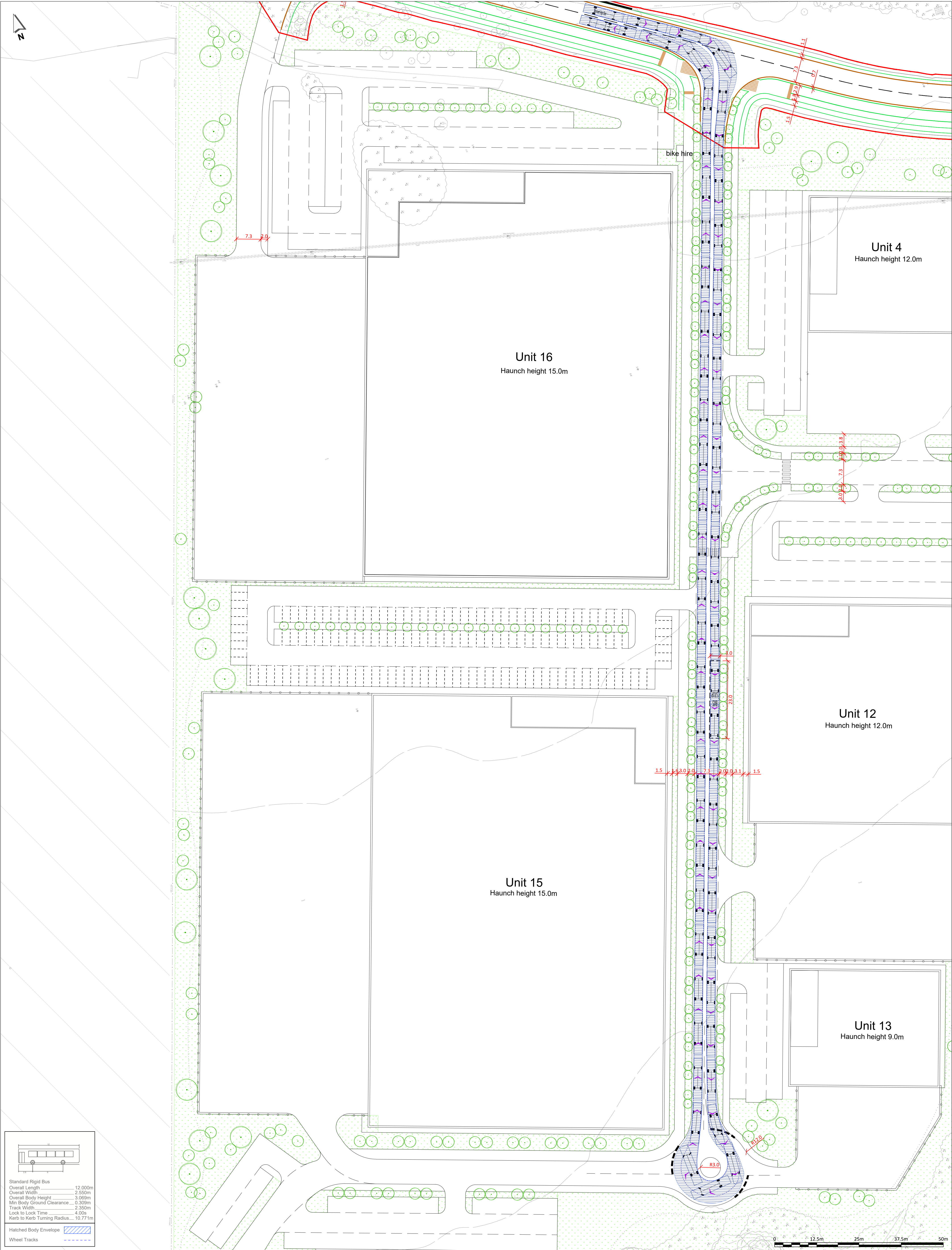
Project Title:
NAVIGATOR QUARTER, SOUTHAMPTON

Drawing Title:
UNIT 15 - CAR PARKING
SWEEP PATH ANALYSIS

Status:
FIT FOR INFORMATION

Size:	Scale:	Suitability	Rev.
A1	1:250	S2	P2

Drawing No.
24733101-STR-HGN-100-DR-D-00407



Standard Rigid Bus

Overall Length12.000m

Overall Width2.550m

Overall Body Height3.060m

Min Body Ground Clearance0.300m

Track Width2.350m

Lock to Lock Time4.00s

Kerb to Kerb Turning Radius10.771m

Hatched Body Envelope

Wheel Tracks

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P0	16APR25	ORIGINAL ISSUE	CJM	CJM	JWL
REV	DATE	DESCRIPTION	DES	CHK	APP

Drawing Title:
**SOUTH PLOT - BUSES
SWEEP PATH ANALYSIS**

Status:
FIT FOR INFORMATION

Size: A1

Scale: 1:500

Suitability S2

Rev. P2

Drawing No.
24733101-STR-HGN-100-DR-D-00408

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Client:
BLOCWORK (EASTLEIGH) LLP & SIAL

Project Title:
NAVIGATOR QUARTER, SOUTHAMPTON

K Beryl Bike Feasibility Report



Eastleigh Bike Share Introduction

12 02 2025



Bike Share in Eastleigh

Introduction

This scheme was awarded to Beryl by Hampshire County Council. Eastleigh bike share is a transforming cities fund project.

The Beryl bike share scheme sets out to enhance the local transport offering with a network of connected Travel Hubs.

The extent of the Eastleigh bike share scheme is 9 parking bays inside a 13.5 km² service area covering the town.

The planned full quota of bays for the scheme is 10. One forthcoming site is still in planning – Eastleigh Train Station.

The Beryl bike share contract for Eastleigh expires in the Spring of 2026, there is no guarantee of extension thereafter.



Beryl Bay Design

Approach

All Beryl bays have a physical identifier in the streetscape. The approach to bay design can differ in each scheme area.

Each Beryl bay in the Eastleigh scheme is corner marked, painted with a green P Beryl logo, and enhanced with a parklet.

Based on the idea of mobility hubs. The bays will include planters, benches, and other public realm enhancements.

We can add virtual bays or painted bays minus parklet infrastructure but both of these are subject to further approval.

Geofencing is our primary method of identifying that each GPS equipped Beryl bike is parked correctly – in a bay.



Example parklet bay – Bosville, Eastleigh



Example parklet bay – Chestnut Avenue, Eastleigh



Example parklet bay – Somers Way, Eastleigh



Example Virtual bay – Cathedral Quarter, Norwich

Eastleigh Scheme Use

Analysis

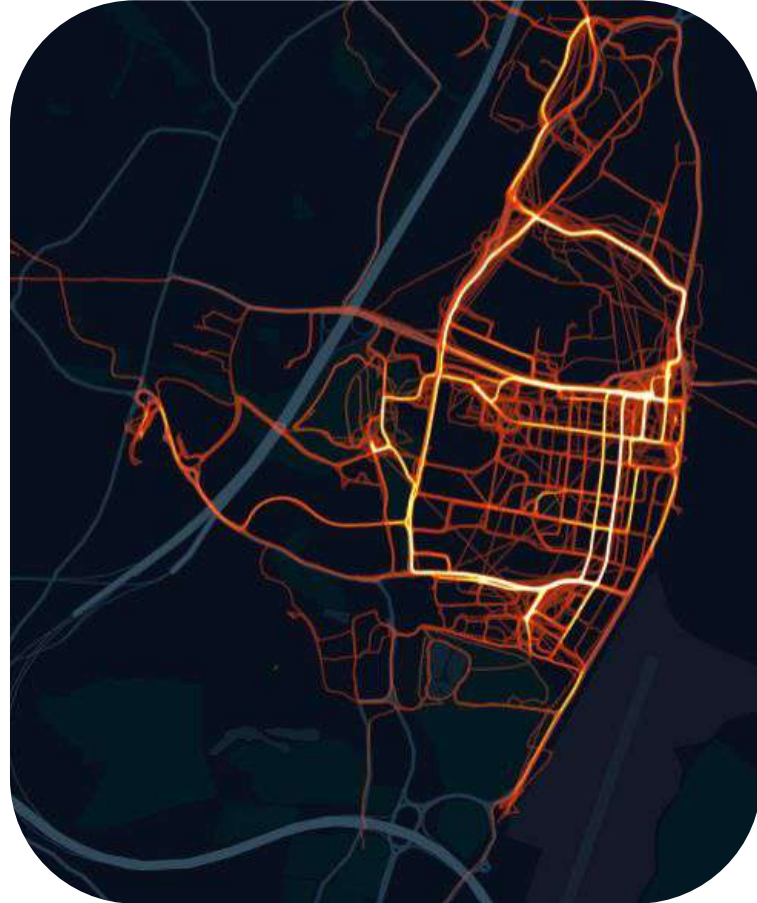
Most areas of the town are engaging with the Beryl bike share service.

The scheme has operated for a limited amount of time so far. We are yet to experience a full peak season.

We would like to further increase user convenience and ride potential by densifying the bay network.

The scheme is soon to reach the full quota of bays which have been budgeted for in mobilisation.

Further funding will need to be identified if we are to add more Beryl bays into the Eastleigh scheme.



Data reporting 3 months: 1st October – 1st January 2025

Development Opportunity

Navigation Quarter

Navigation Quarter is expected to create circa 3,000 jobs across 92,000m² of employment space.

To encourage active travel we suggest one bay for 15 bikes, or two smaller bays with space for 8 bikes in each.

A painted Beryl bay costs £500. Parklet infrastructure can be added for around £4,500 - depending on configuration.

Funding for Beryl bikes to support 50% of the planned bay capacity is advised. E-bikes are priced at £2,400 per unit.

The total approximate cost to support this development with 2 painted bays and 8 Beryl e-bikes would be £20,200.



Active Travel Incentivisation

Membership Package

Providing access for staff on site is a great way to encourage sustainable travel at the development.

We can provide bulk Beryl Minute Bundles to be distributed among staff to embed positive travel behaviours.

Staff redeem a Beryl Minute Bundle by entering a code into the Beryl app and promotional assets will be provided.



The 100 Minute Bundle has a cost of £13 but we are able to provide a corporate discount.

Example Package Cost:
3,000 x 100 Minute Bundles =
£30,000 (£39,000 value)

Bundles can be rebought throughout the year to meet demand.



Case Study: Avara Foods

- **3,750** codes provided for staff
- **95,000** journeys completed by staff
- **Commuting** is the primary reason staff use Beryl
- **Modal Shift** achieved with 24% of journey replacing an emission emitting vehicle

