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H A I R P O R T

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1	05.07.18	Updated generally and Access section added	EL	TJE
2	19.07.18	Updated in accordance with DP9 Comments	EL	TJE
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Document prepared on behalf of Don Lefteri, Hairport

Project Number: 1801

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1.0 INTRODUCTION

Studio Evans Lane (Architects) Have prepared this report in support of a temporary planning application for a Pop-up mobile Hair Salon at Regent's Place London.

The underlying concept is to continue to provide a well established amenity on the Regent's Place estate. Don Lefteri (Air, Set Hair) has been operating for over 15 years from the Ground Floor of 1 Triton Square at Regent's Place. The success and popularity of the salon has prompted the estate owners, British Land to seek innovative alternatives to house the Salon whilst 1 Triton Sq undergoes a major 3 year refurbishment. A number of options were explored prior to settling on the current proposal.

The advantages of a mobile Pop-up unit are that it can be located in a variety of positions around the estate or indeed even remotely and on completion of the 1 Triton Square refurbishment the Pop-up can be permanently relocated.

Mobility is not without its challenges such as Power, Water and Drainage connections. These have been discussed at length with the operator, site owners and estate managers and a relatively simple solution is proposed.

We believe this design takes the Pop-up concept to the next level in terms of design and will be an exciting and positive addition to the broader offer at Regent's Place.

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2.0 STRATEGIC BRIEF

2.1 Core Project Requirements

From our earlier RIBA Stage 0 document:

SH_RP POP-UP SALON Strategic Definition Dec 17

In which we undertook to strategically review the potential opportunities for the design and fabrication of either:

- A Static Pop-up within Existing Building
- A Mobile External Pop-up

to house the Set Hair Salon on the Regent’s Place Estate, it was concluded that a mobile external pop-up salon was the most appropriate option to pursue.

Key drivers for the design are as follows:

- Space for 3 number Hair Stations
- 7m x 2.3m Trailer/chasis
- Expandable if possible
- Visually Engaging
- Transportable around site and between sites (Type Approved)
- Low impact on environment
- Cost effective

2.2 Project Objectives

The Pop-up Mobile Salon will provide a unique opportunity for the provision of a hair dressing service on the Regent’s Place Development in Central London.

It will be possible to transport the Pop-up Salon to other sites around the country via road.

The Pop-up Salon will facilitate a new experience in Hair cutting, styling and colouring based on Luxury and sustainability.

2.3 Quality Objectives

Ensure that customers visiting the salon have s a unique, memorable and sustainable experience that translates into positive feedback, return visits and a willingness to pay at an appropriate level to ensure viability.

Externally a high quality finish is proposed, avoiding the typical synthetic appearance of caravans and mobile homes. Aluminium cladding, as a lightweight and highly recyclable material is proposed, giving a robust, slightly reflective finish.

2.4 Project Outcomes

- Sustainable, Robust, Luxurious
- Unique, memorable experience
- Financially viable, profitable business model

2.5 Sustainability Aspirations

The Pop-up Mobile Salon has high sustainability aspirations

2.5.1 Power and Heating

The power requirements are quite high and as such will require a mains power connection or connection to a generator. However renewable technologies, such as photovoltaics providing 12V power for lighting and appliances and solar thermal panels to aid water heating are also being considered at this stage as is battery storage and rain water harvesting.

2.5.2 Waste

Up to 350 Litres of clean and 350 Litres of Waste water can be stored in the Salon. At the end of a 24 -48 hour period these will be dealt with in a sustainable way, according to existing practices on the wider estate All inorganic waste will be sorted for recycling.

It is proposed that at Regent’s Place the Pop-up Salon will be ‘Plug-and -Play’ with the estate providing connections to Power, Water and Drainage.

2.6 Project Budget

Developing the project budget is an iterative process and initial designs are required to get an accurate sense of the fabrication costs. Detailed discussions have been had with a high-end manufacturer and initial budgets established.

2.7 Initial Project Brief

2.7.1 Basic Requirements

- 3 x Chairs
- 3 x Basins
- Staff + Customer space
- Kitchenette / Tea / Coffee
- Services : Water, Drainage, Power
- Strong Identity, High Profile
- Easy Access
- Affordable / Viable

2.7.2 Minimum Area

- 16 sq m is the absolute minimum (Maximum 35 sq m.)

2.8 Review of Site Information

An initial meeting with the site owners (British Land) and the receipt of basic data on existing site infrastructure and loadings informed our previous document:

SH_RP POP-UP SALON Strategic Definition Dec 17.

We also subsequently met with the site operators (Broadgate Estaes) to further test and establish functional viability on the site. Two distinct locations have been identified for the location of the Pop-up Mobile Salon as illustrated later in this document, also access to parking in the underground spaces has been agreed in principle,

Key issues established and under review on the site include:

- Power Supply
- Water supply
- Drainage
- Size and weight constraints
- Presence / Visibility and Footfall

2.9 Branding

To capture the contemporary and transient nature of the Pop-up mobile salon we have adopted the name ‘London Hairport’. The branding strategy associated with ‘London Hairport’ can be seen in section 5.4 of this document.

3.0 SITE / LOCATION

2.4 Locations

Two locations within the Regent's Place Estate are proposed for the London Hairport

- 1. Plaza (Winter)
- 2. Osnaburgh St. (Summer)

This is covered in more detail later in this report.

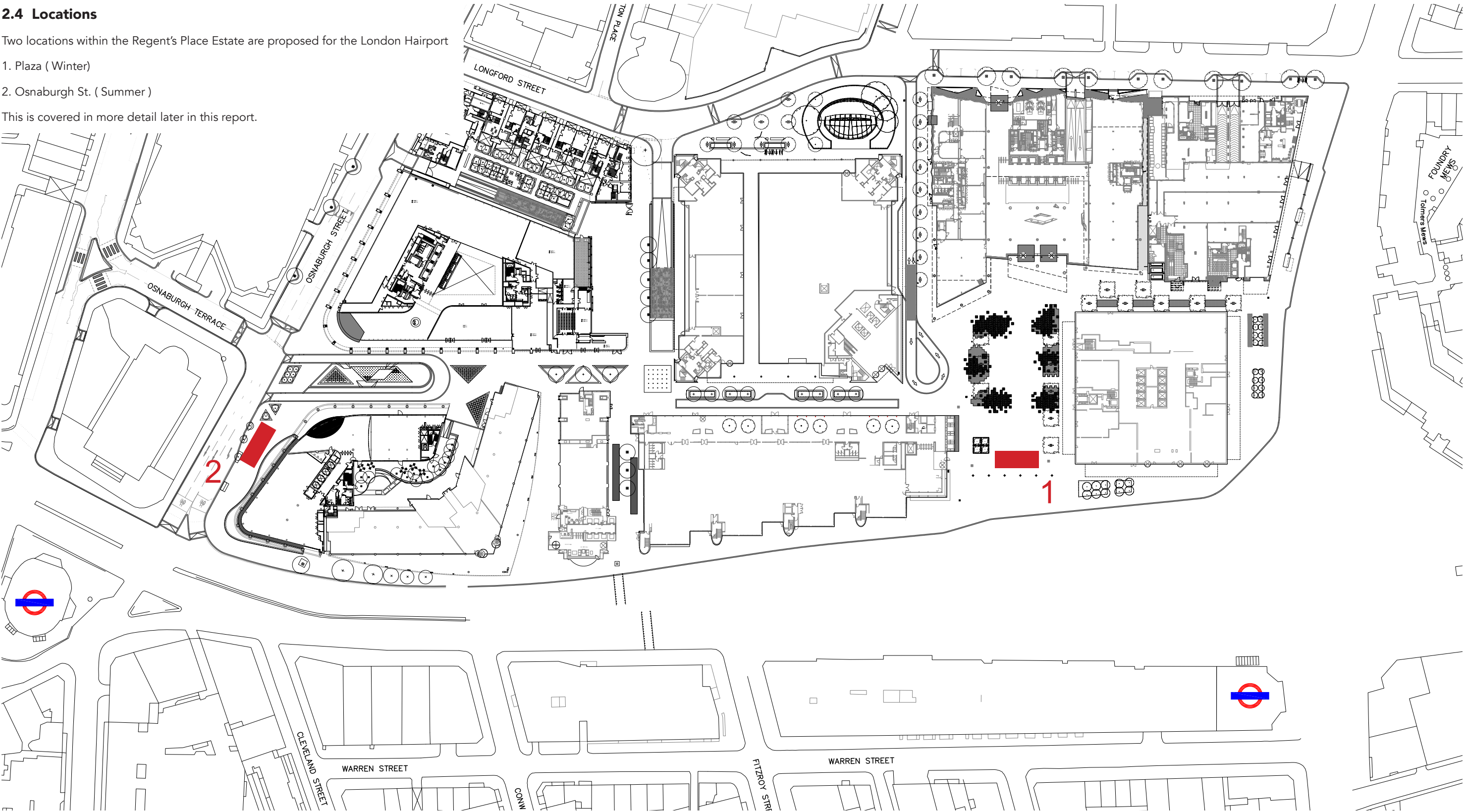


Fig. 1 - Site Plan

4.0 CONCEPT DESIGN

4.1 Basic Trailer / Chasis Constraints

The starting point for this project is the maximum allowable dimensions for a towable trailer that meet both the site owner’s requirements and will meet the Type Approval requirements of the DoT.

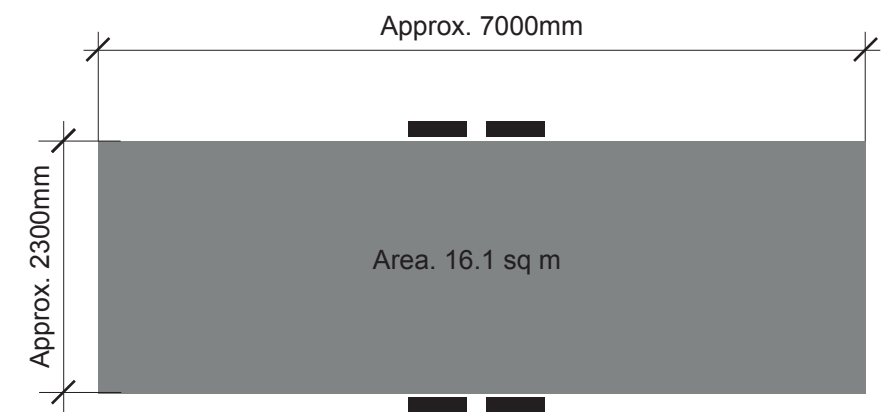


Fig. 2 - Basic Trailer Plan

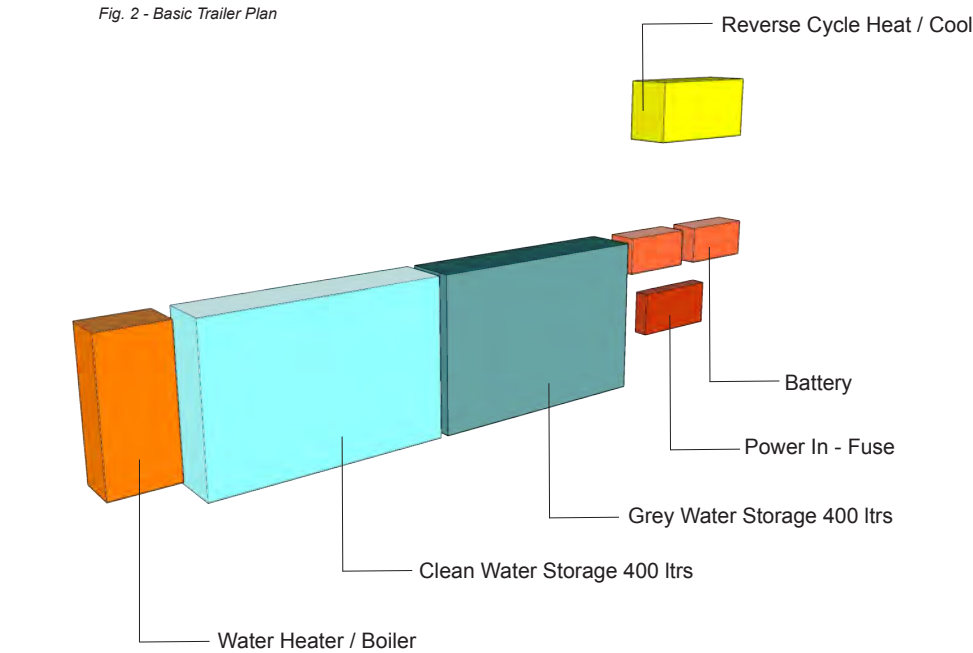


Fig. 3 - Services Requirements

4.2 Utilities Options and Power Supply

We have identified two options for the various key equipment location and layout:

- i. Service wall option
- ii. Service Floor Option

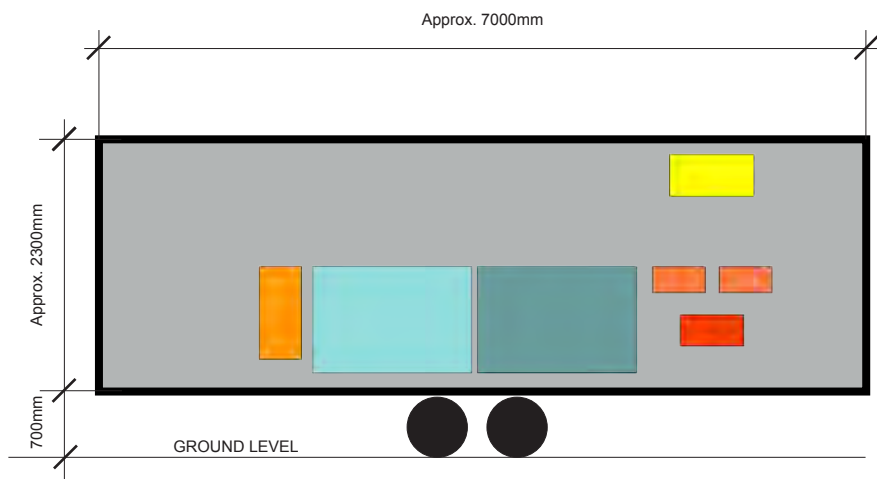
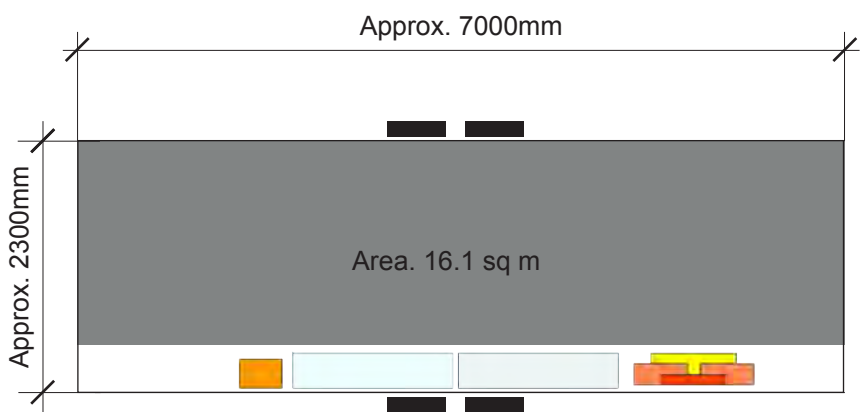


Fig. 4 - Services Vertical Stack

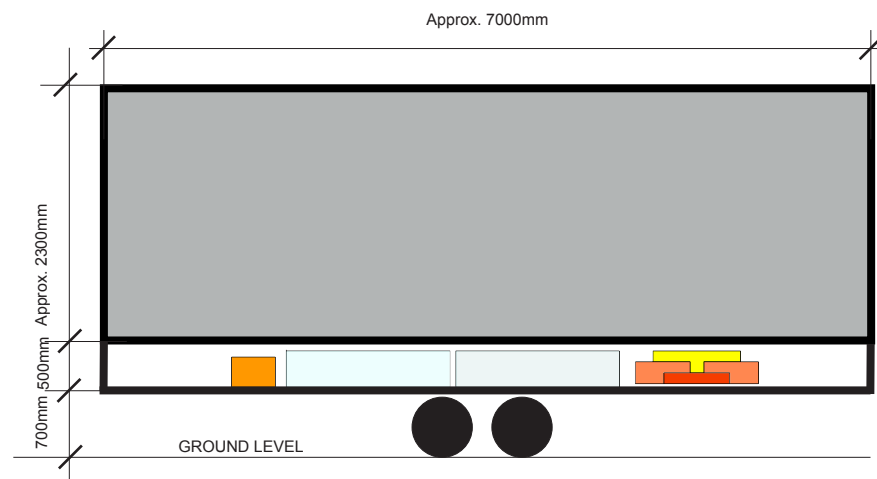
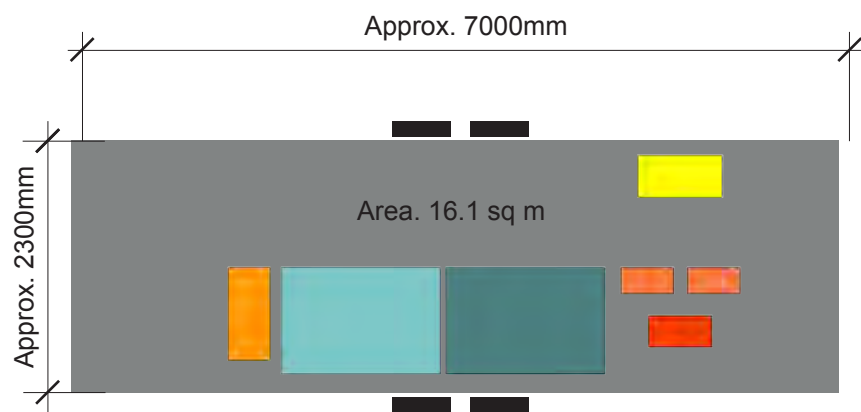


Fig. 5 - Services Horizontal Stack

4.3 Utilities Options and Power Supply

4.3.1 Water

Our intention is to store the waste water in the mobile and empty this at the end of each day (or other period as agreed) whilst there would be some Health and safety issues this is readily done in caravans. water (clean and dirty/grey) would require a minimum of 2 containers sized as follows (this assumes that WC's would be made available elsewhere on the estate). We have estimated, based on data from the hopesprings website (<https://www.hopespring.org.uk/uk-household-water-consumption-2015-facts-figures/>) that the average hair wash will use between 5 and 7.5 litres of water (average shower 12% of average 150 Litres daily consumption = 18 Litres). With 4 Chairs and circa 10 customers per day each that would equate to 40 x 7.5 litres = 300 litres. this would require a tank of approximately 700mm x 700mm x 1500mm high. we would require one for clean and one for dirty water.

4.3.2 Power

As can be seen from the matrix opposite the loading would be circa 23 KiloWatts and Cundall our electrical engineers have made the following comments:

23,000 W equals 100A if it's a single phase supply (assuming these are single phase units?). This would be typical of a domestic supply size for a 4 bed house. Allowing for a comprehensive lighting layout and some decorative display lighting and the 23kW should be adequate when including the limited diversity. However, we expect the equipment list to change and would therefore allow for some spare capacity.

We have met and had initial discussions with the potential manufacturer and they have suggested a 32Amp 3 phase supply or 2 x 16 amp 3 phase supply.

APPLIANCE	AMPS USED	WATTS USED	Number	TOTAL Amps	TOTAL Watts
Hair Dryer	10	2200	4	40	8800
Clipper Charger	0.5	12	2	1	24
Stand up Hair Dryer	10	2200	1	10	2200
Hot Towel Machine	4.5	1000	1	4.5	1000
Computer	3.5	800	1	3.5	800
Telephone	0.5	10	1	0.5	10
Kettle	13	3000	1	13	3000
Coffee Machine	5	1200	1	5	1200
Fridge	5	1200	1	5	1200
Music System	0.5	10	1	0.5	10
Phone Charger	0.5	12	2	1	12
Electric Water Heater	17	4000	1	17	4000
Air Con / Heat	4	1000	1	4	1000
Lighting (Separate Circuit)	2	400	1	2	400
TOTAL				107	23644

4.4 Hair Station

4.4.1 The Chair

The proposed Chair is a Belmont 'Dainty' as illustrated below. As previously stated we will require 3 to 4 number.

on SL-85/85C hydraulic base *

DIMENSIONS (mm) & WEIGHT (kg)

- Height: 1005
- Width: 630
- Depth: 855 – [1120 Reclined]
- Initial Seat Height: 520
- Stroke: 200

Weight: 37

* The height, width and depth dimensions, and also the total weight, may differ when used with an alternative base.



Fig. 6 - Proposed Chair

5.0 DESIGN

5.1 Form and Appearance

5.1.1 Elevations

The Elevations are made from Anodised Aluminium, one Elevation (Front - see Fig 7) is double Glazed with Sliding Perforate Aluminium Panels.



Fig. 7 - External View 1 - Front



Fig. 8 - External View 1 - Rear

5.2 Mobility

5.2.1 Mobility

The Hairport is designed to meet VCA Type approval regulations and be fully road worthy to enable it to be transported to different locations.



Fig. 9 - External View with Towing Vehicle

5.3 Plans / Elevations



Fig. 10 - Site Location Plan

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NOTES:

B	05/06/18	Red and blue lines shown
A	31/05/18	Shorter (7m) trailer shown
Issue	Date	Amendment

Client

London Hair Port

Project

Project

London Hair Port

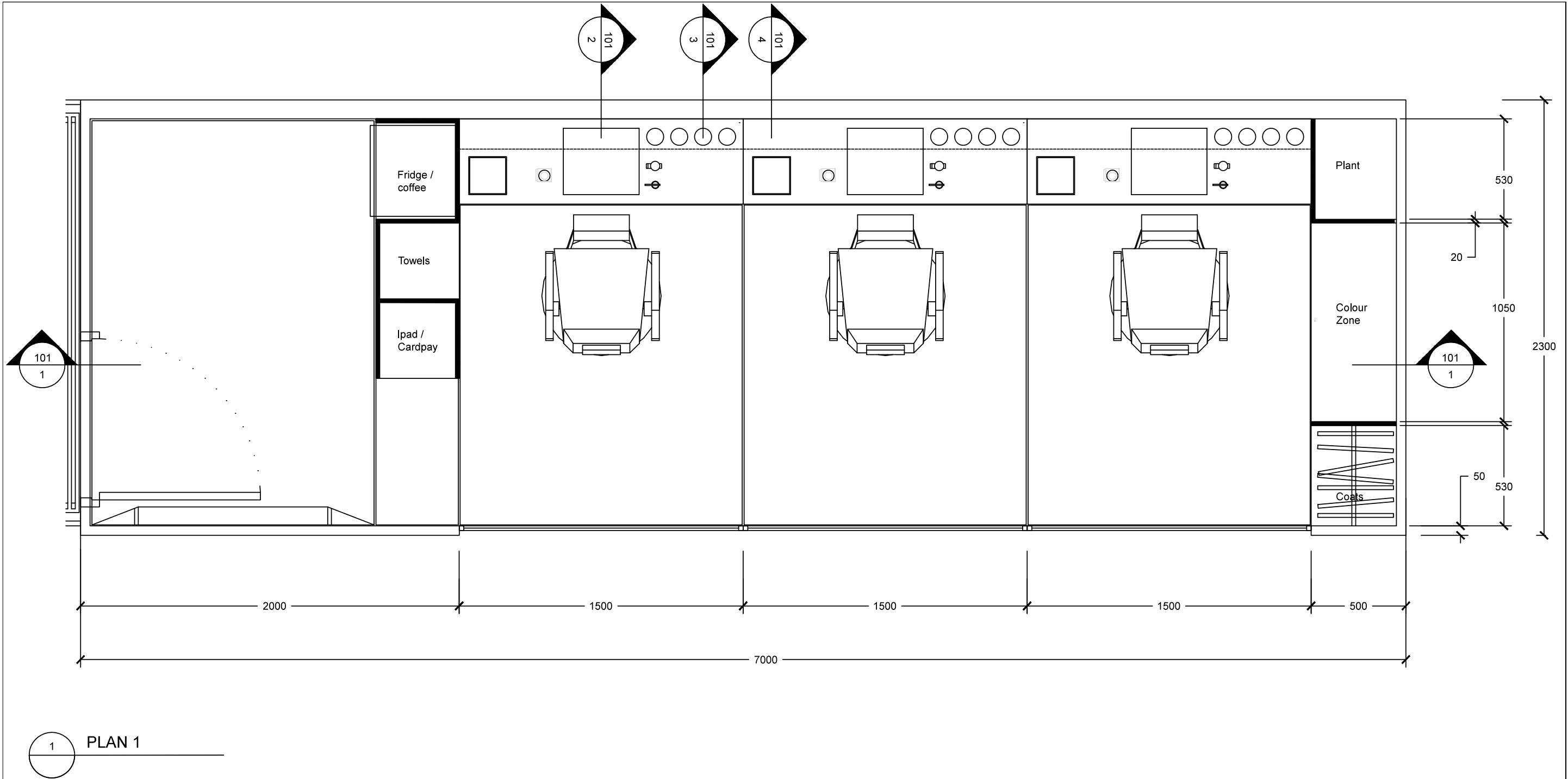
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Location Plan

Scale@A3	Date	Drawn	RK
1:1250	Mar 18	Checked	EL
		Authorised	TJE
Drawing No.		Rev	
1801-S2-001		B	
Status			
Planning			

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1 PLAN 1

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Client

London Hairport

Project

London Hairport Project

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GA Plan

Scale@A3

Date

1:20 Mon YY

Drawing No.

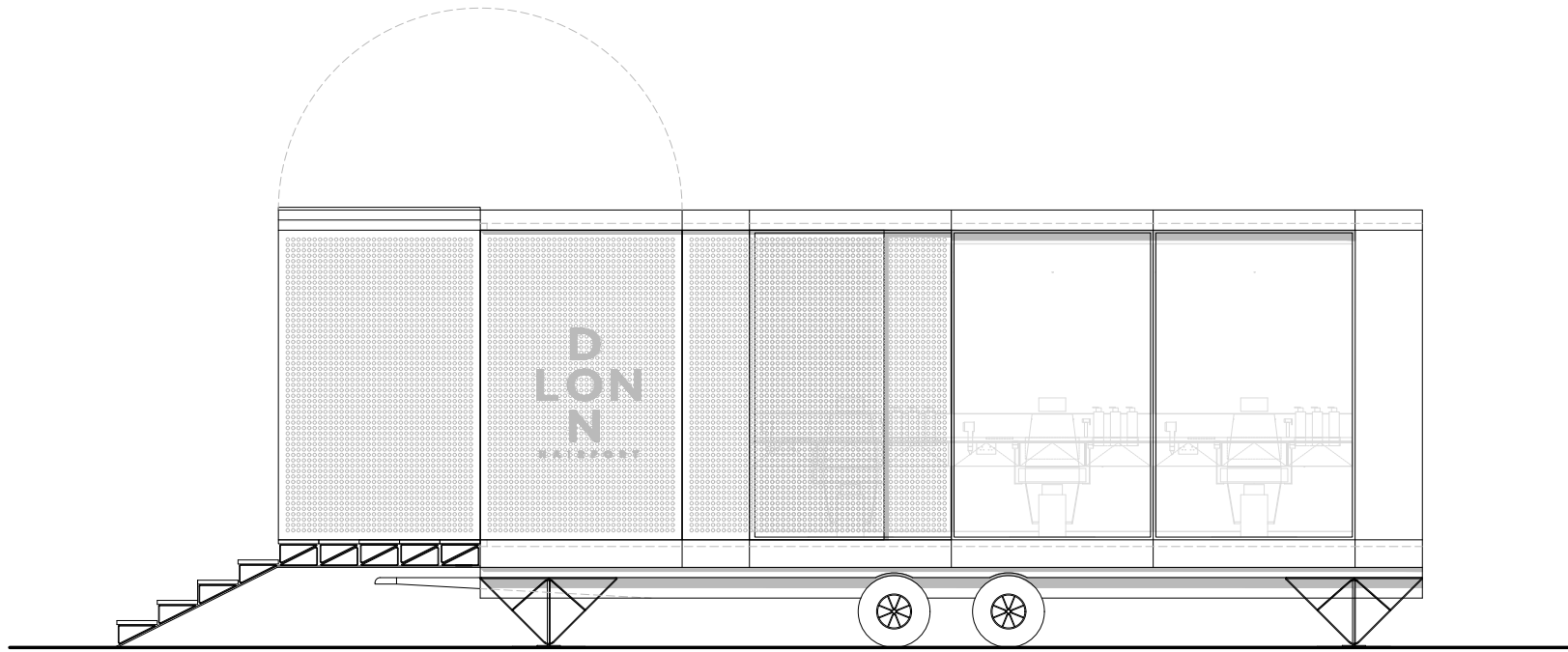
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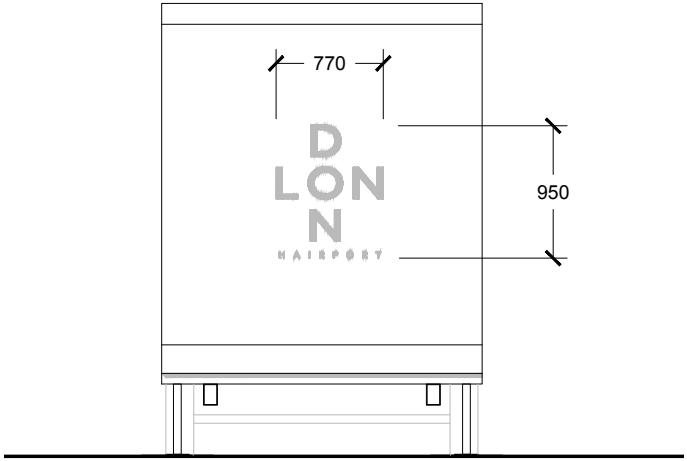
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Drawn	RK	
Checked	EL	
Authorised	TJE	
Rev	A	
Issue	Date	Amendment
A	30/05/18	Size of trailer reduced to 7m

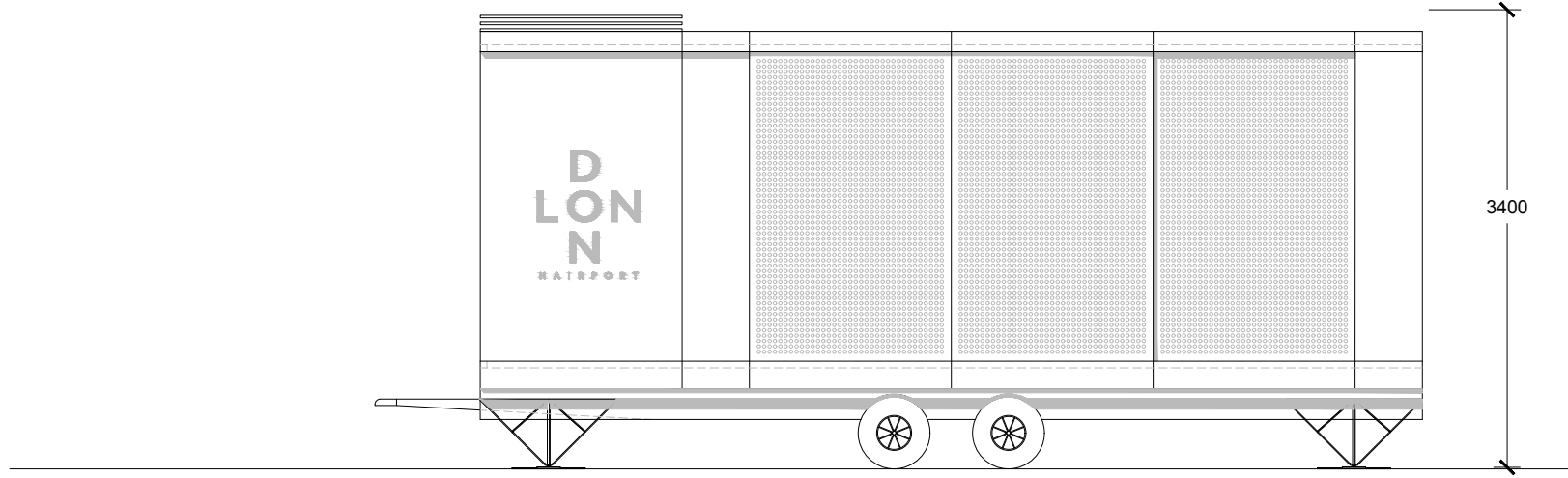
Fig. 11 - GA Plan
Pop-Up Salon LONDON



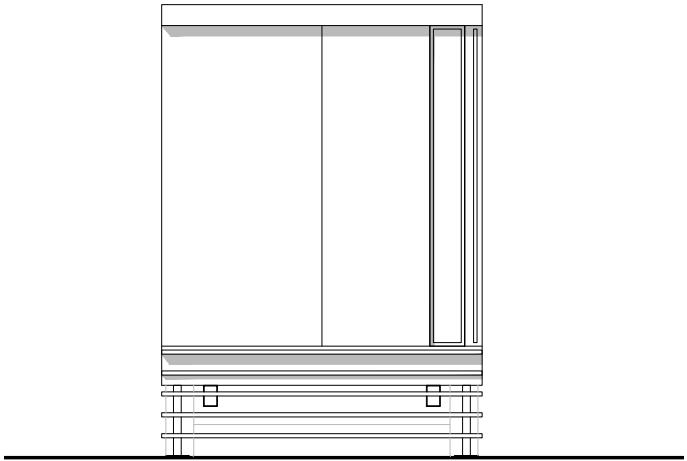
1 Elevation_Open



4 Elevation_End



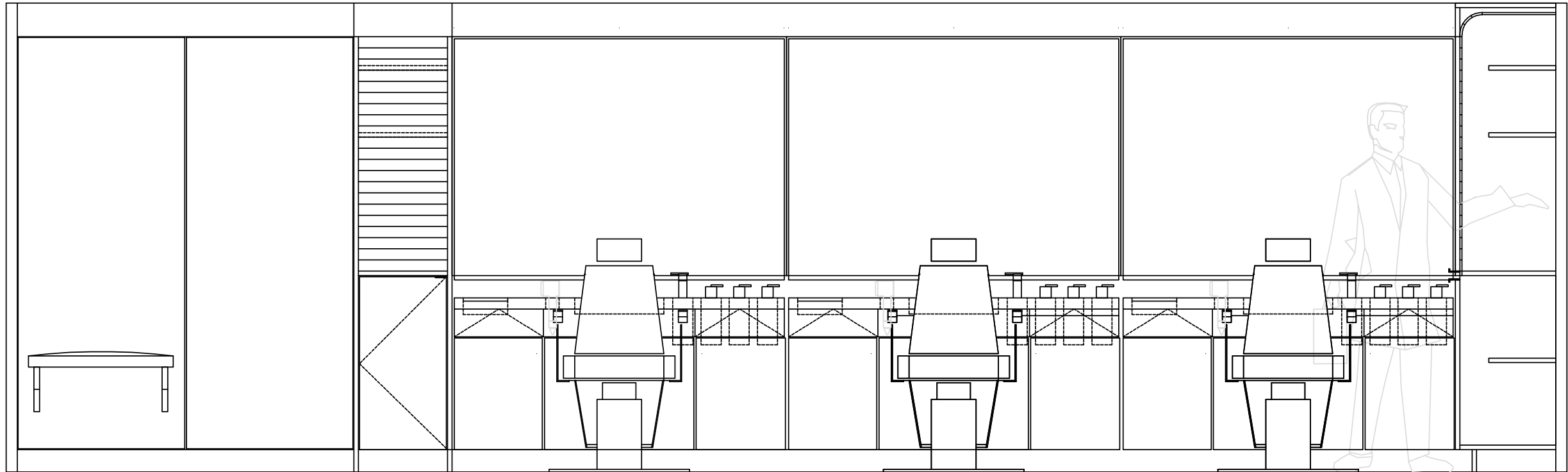
2 Elevation_Closed



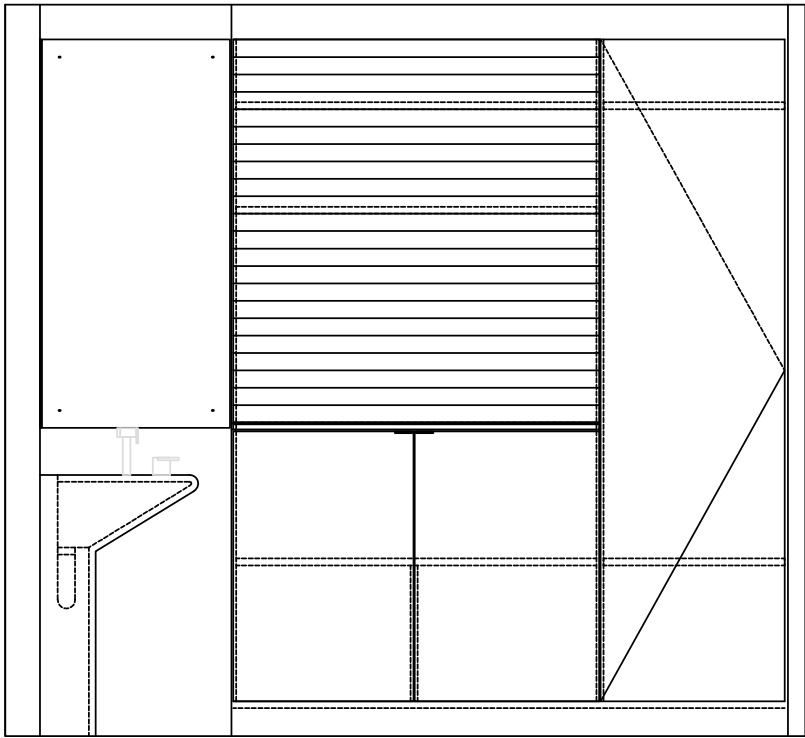
4 Elevation_Door_End

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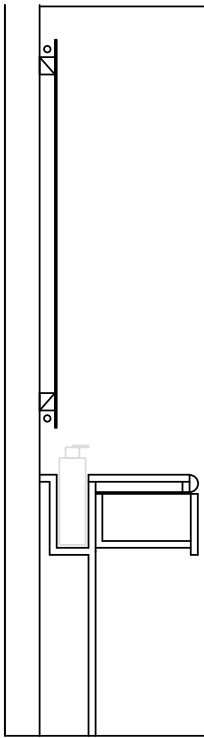
Fig. 12 - External Elevations



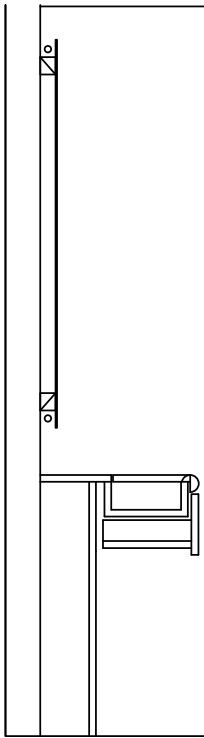
1 ELEVATION 1



2 Side Section / Elevation



3 Side Section / Elevation



4 Side Section / Elevation

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NOTES:

A 30/05/18 Size of trailer reduced to 7m
Issue Date Amendment

Client

London Hair Port

Project

Pop Up Hair Salon

Drawing

Internal Elevations

Scale@A3	Date	Drawn	RK
1:50	March 18	Checked	EL
		Authorised	TJE
Drawing No.		Rev	
1801-S2-101		A	
Status			
Tender			

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A3

5.4 Elevations / Branding

5.2.1 Branding Signage

As illustrated below and opposite the Branding is provided using a vinyl transfer system .



Fig. 14 - End View 1



Fig. 15 - Front View



Fig. 16 - Rear View

5.5 In Context

5.5.1 Winter - Piazza

As previously stated there are two locations identified for the Hairport, during the winter months the London Hairport will be located on the main piazza at Regent's Place as illustrated in the drawing below.



Fig. 17 - Site Plan Location 1 (Winter)

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NOTES:



C	13/08/18	Scale bar and north point added
B	05/06/18	Ramp and red line shown
A	31/05/18	Shorter (7m) trailer shown
Issue	Date	Amendment

Client

London Hair Port

Project

Project

London Hair Port

Drawing

Site Plan Option 1

Scale@A3	Date	Drawn	RK
1:200	Mar 18	Checked	EL
		Authorised	TJE
Drawing No.		Rev	
1801-S2-002		C	

Status

Preliminary

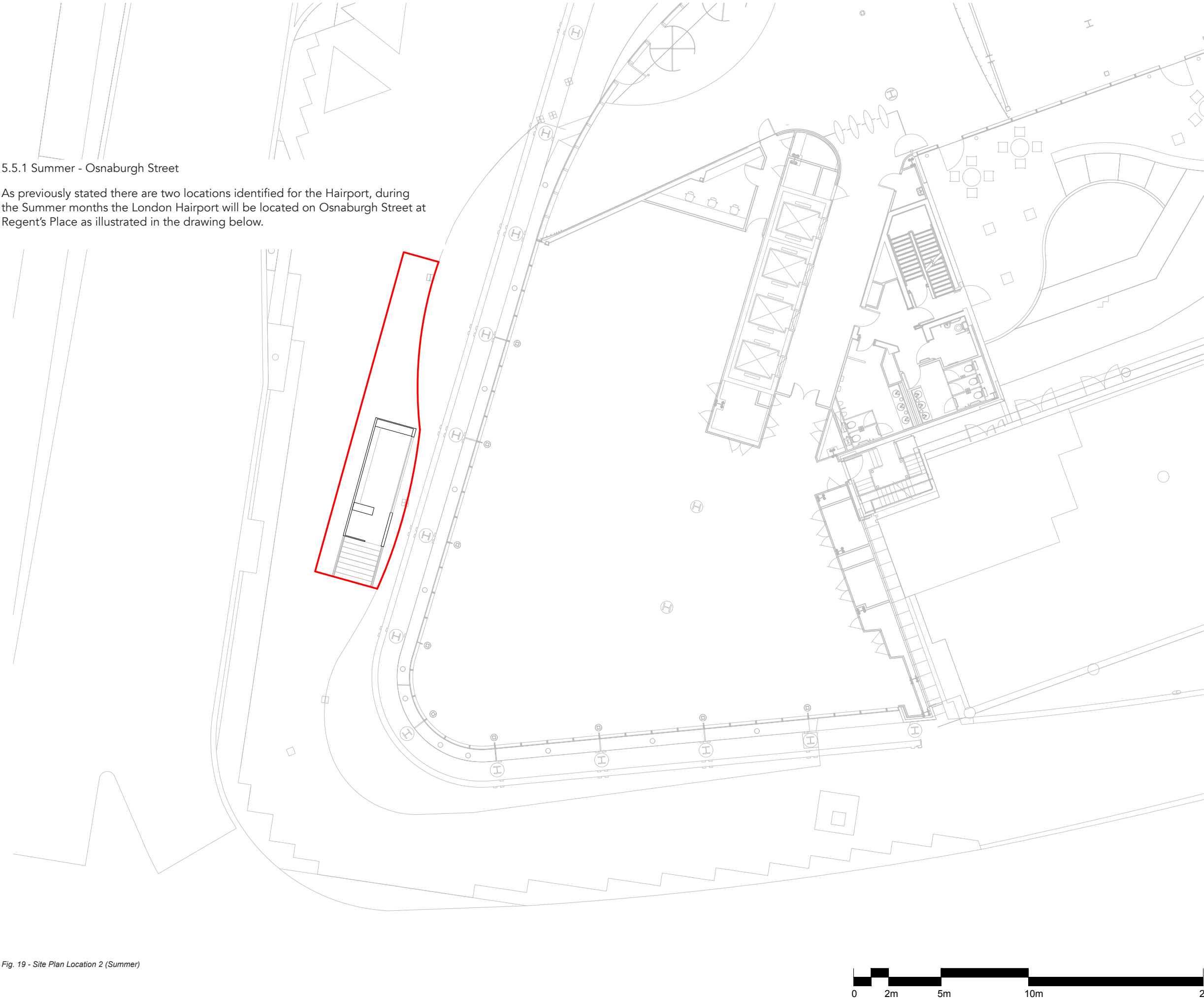
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Pop-Up Salon LONDON



Fig. 18 -Indicative View Location 1 (Winter)



5.5.1 Summer - Osnaburgh Street

As previously stated there are two locations identified for the Hairport, during the Summer months the London Hairport will be located on Osnaburgh Street at Regent's Place as illustrated in the drawing below.

Fig. 19 - Site Plan Location 2 (Summer)

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NOTES:

C	13/08/18	Scale bar and north point add
B	05/06/18	Ramp and red line shown
A	31/05/18	Shorter (7m) trailer shown
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London Hair Port

Project

London Hair Port

Drawing

Site Plan Option 2

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Pop-Up Salon LONDON



Fig. 20 - Indicative View Location 2 (Summer)

6.0 ACCESS

6.1 Access Strategy

Having reviewed a number of similar concepts, such as the Douce mobile hair salon which is located on the British Land owned Broadgate Estate (See Figs 21, 22) and further reviewing the current Staff and customer user profile, it is considered appropriate and commensurate for this temporary, moveable structure to provide access with assistance via a demountable light weight ramp, to be put in position as and when required (See Fig 23). This inclusive access arrangement will be monitored over the temporary period, and reviewed if any access issues arise.’ (See Fig 23)



Fig. 21 - Retro Pop-up Hair Salon



Fig. 23 - Light-weight demountable access ramp



Fig. 22 - Pop-up Shoe Store

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