### **MODULAR FEASIBILITY STUDIES**

# TEMPORARY FACILITIES FOR VARIOUS SITES ACROSS LONDON



FEASIBILITY STUDY REPORT
ON BEHALF OF NHS PROPERTY SERVICES

ISSUED: 11TH MAY 2020



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## **MODULAR FEASIBILITY STUDIES INTRODUCTION**

Feasibility studies for Temporary Modular Facilities to increase real estate capacity in the form of modular facilities in response to Covid-19.

The initiative is seeking to provide site specific high-level feasibility analysis which can be shared with relevant NHS organisations to identify, procure and deliver modular healthcare facilities that match the evolving treatment requirements to combat the virus.

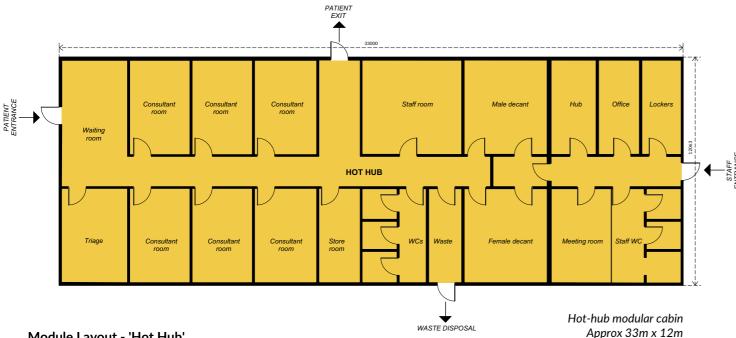
### Stitch are undertaking feasibility studies for:

Site 01	Downham Health and Leisure
Site 02	Phoenix Children's Resource Centre (excluded)
Site 03	Gallions Reach Health Centre
Site 04	Queen Mary's Hospital
Site 05	Priory Crescent
Site 06	Parkway Health Centre
Site 07	Barking Community Hospital



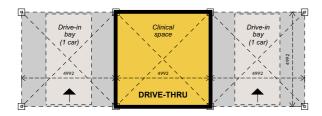


### STANDARD MODULAR LAYOUTS

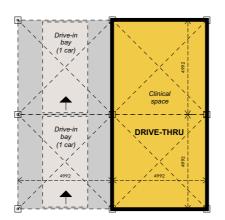


Module Layout - 'Hot Hub'

Received from NHS PS on 17.04.20



Drive-thru 3 x 1 tent layout Approx 15m x 5m

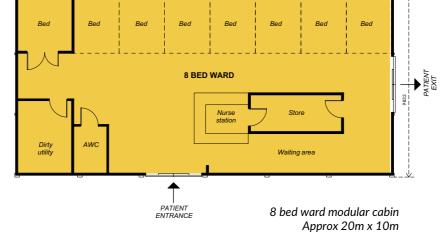


Drive-thru 2x2 tent layout Approx 10m x 10m

#### Module Layout - 'Drive Thru'

Based on dimensions by SHOWPLACE 5m modular tent (08.12.14) Received from NHS PS on 17.04.20





#### NOTE:

Do not scale or measure from these drawings. Modules recreated here for purpose of high-level feasibility studies on behalf of NHS Property Services. Always refer to original manufacturer/supplier drawings and specifications.

#### Module Layout - 8 Bed Ward

Based on dimensions by Portakabin 6no. UK093 Ultima Modules (28.08.18) Received from NHS PS on 17.04.20

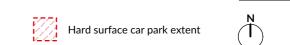


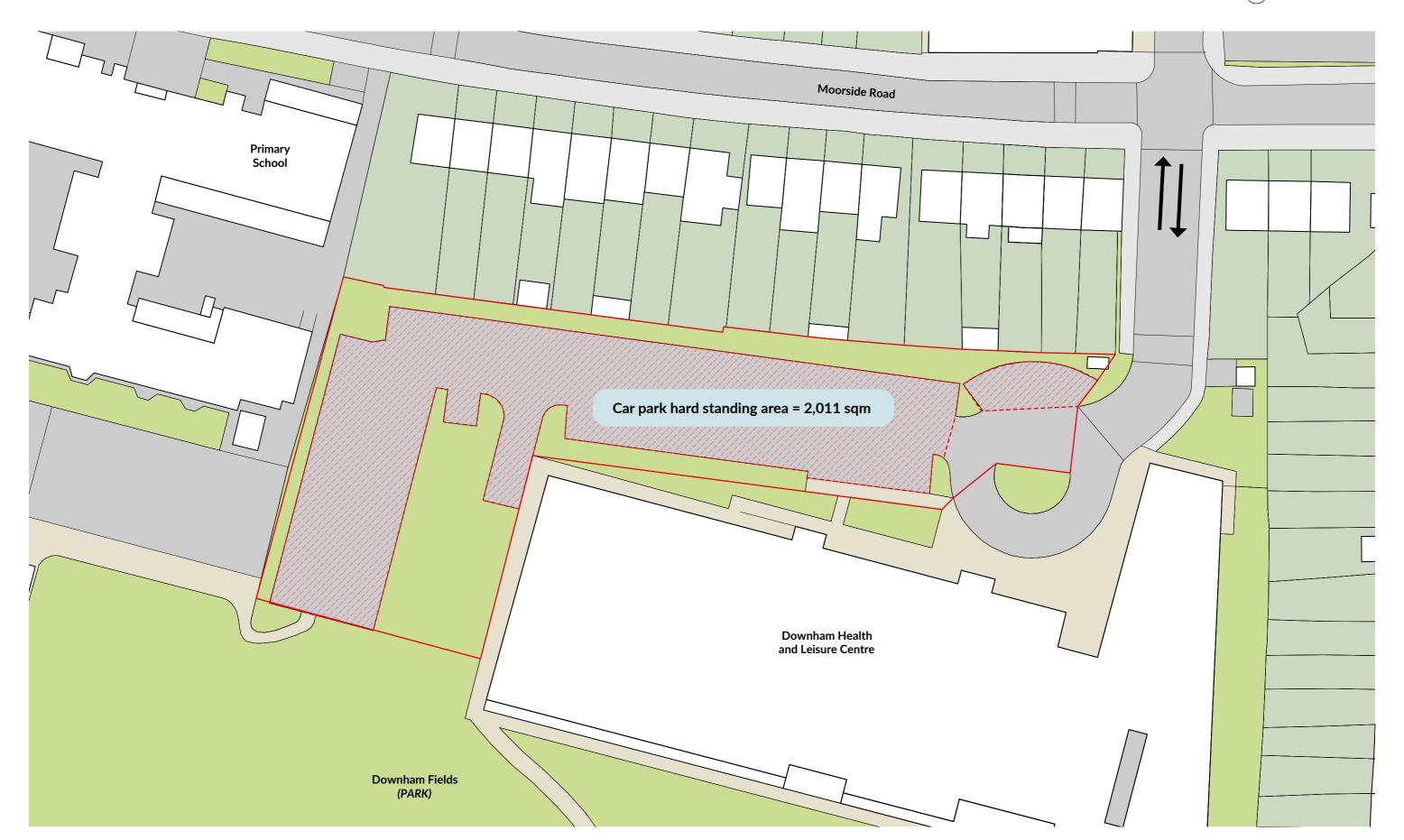
#### Module Layout - 20 Bed Ward

8 bed ward modular cabin Approx 23m x 22m

Based on dimensions by Portakabin 7no. UK123 double spanned to 7no. UK093 (12.12.19) Received from NHS PS on 17.04.20

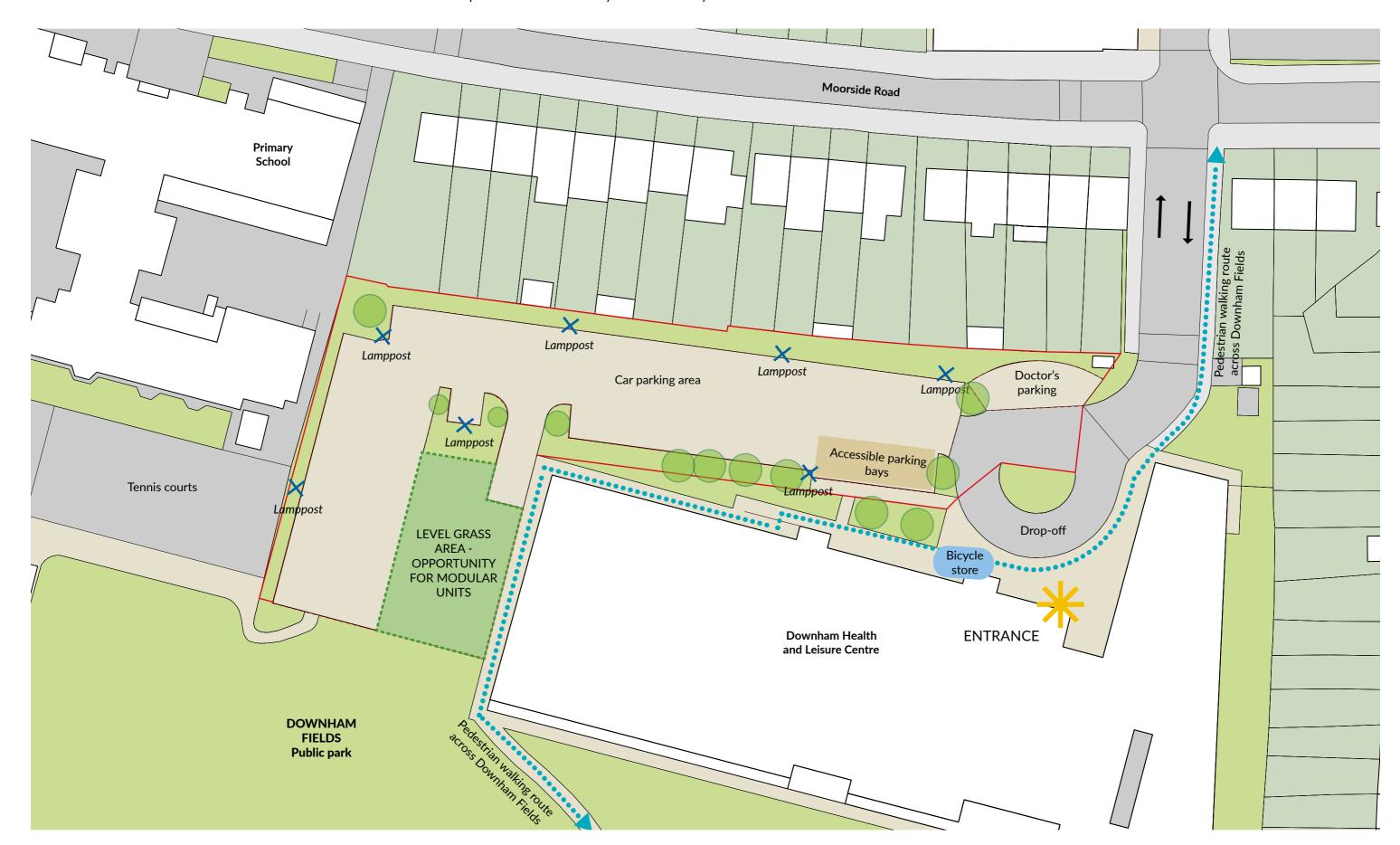
# SITE 01 DOWNHAM HEALTH AND LEISURE





The Downham Heath and Leisure Centre has a long narrow L-shape that has one point of access from Moorside Road. There is an opportunity area of level grass land adjacent to the car park, however there are also existing lamposts and trees that may affect suitability of this site for modular units.

The site is adjacent to Downham Fields and is likely a pedestrian right of way to access the open parkland from Moorside Road. Therefore site access may be difficult to manage.



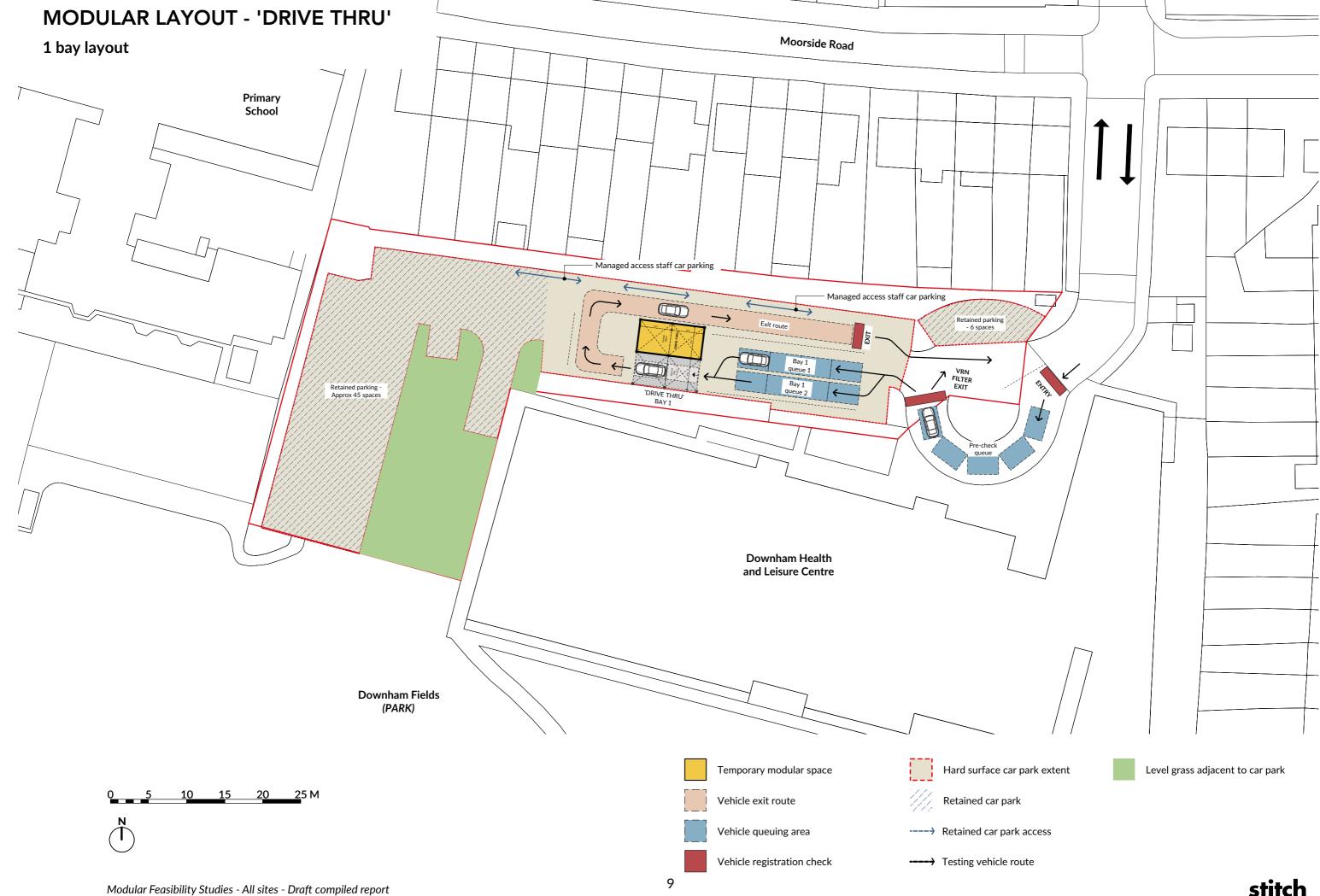


Images obtained from google maps on 19.04.20

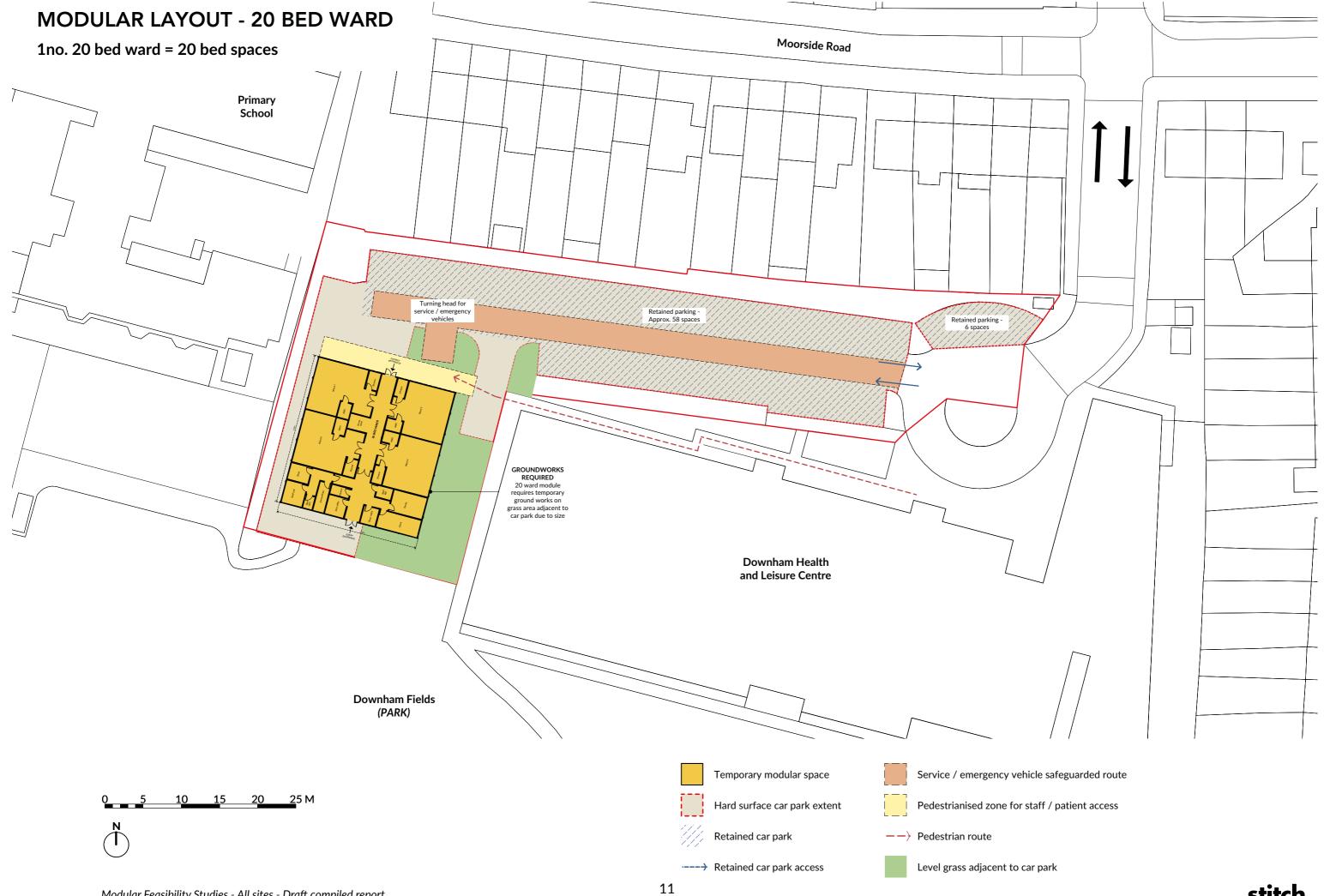


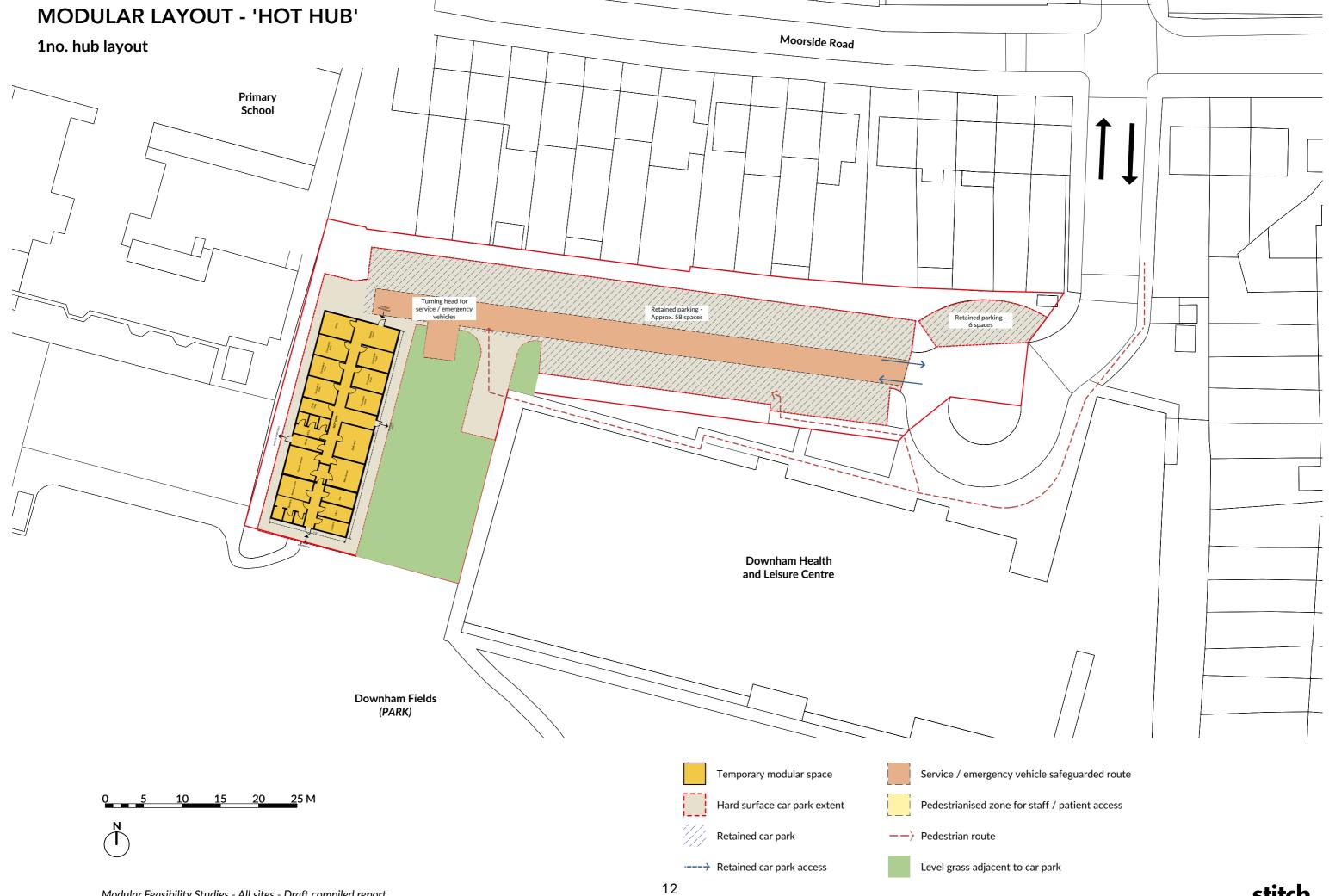






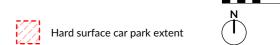


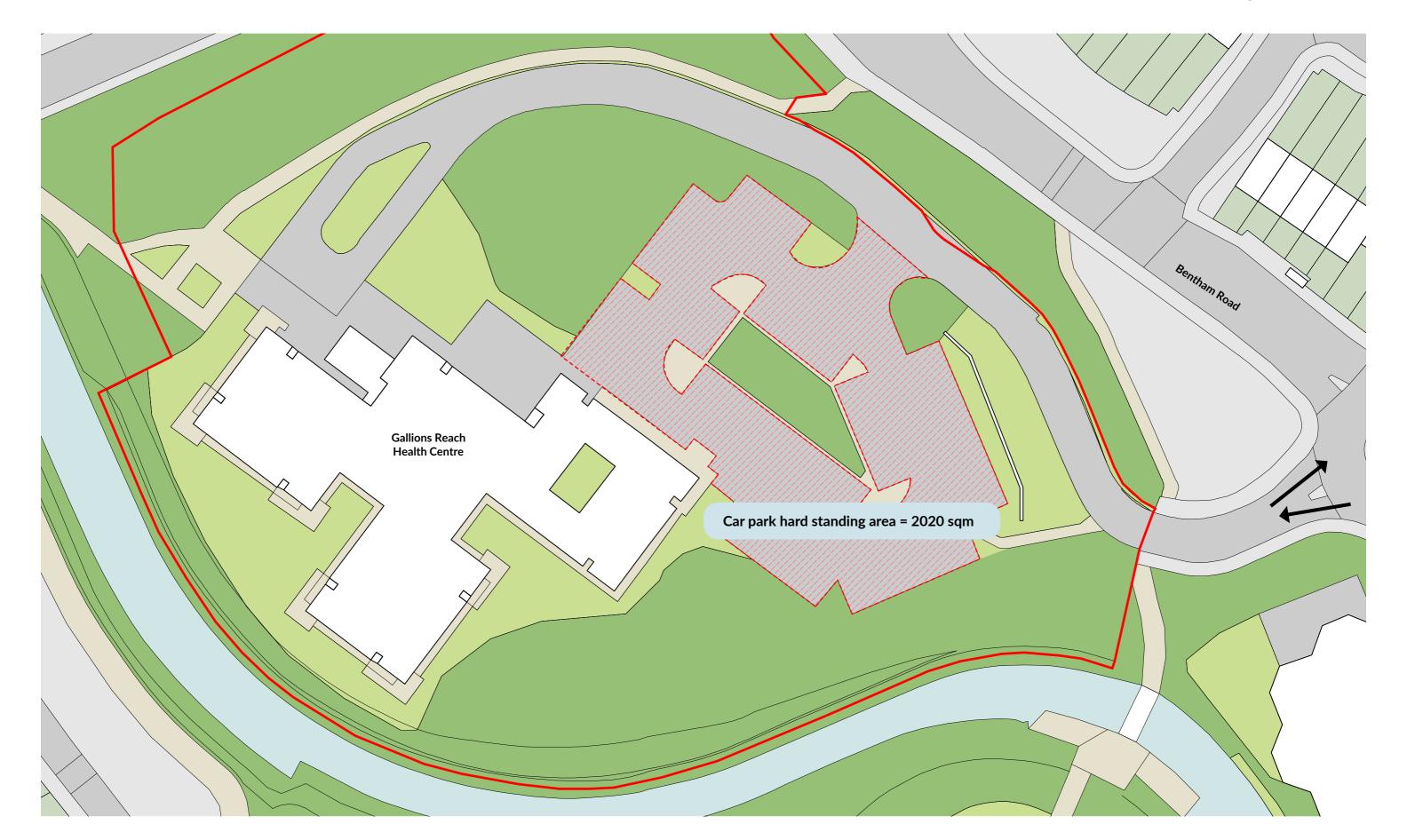




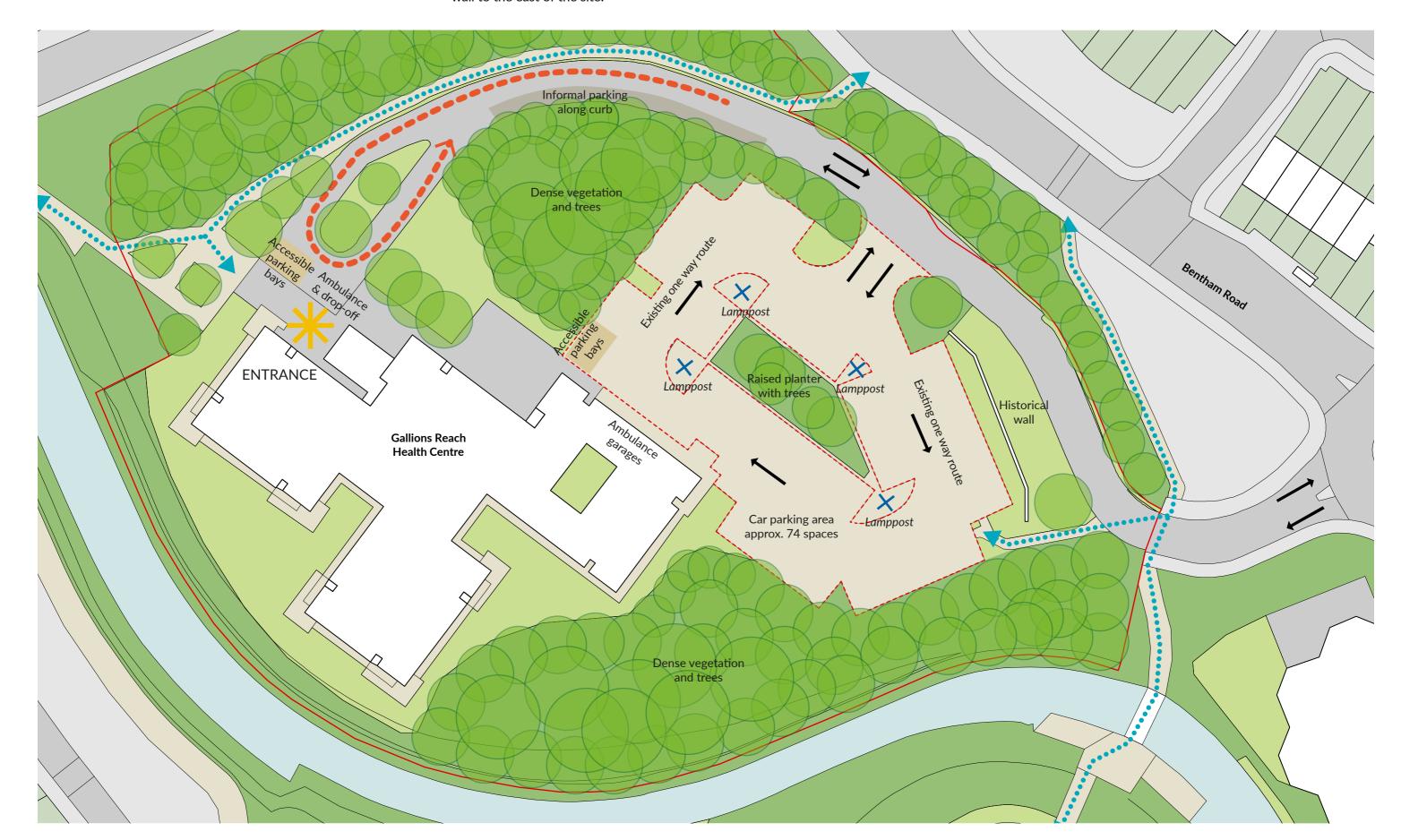
# SITE 03 GALLIONS REACH HEALTH CENTRE







Key factors to note are that although there is a generous extent of car parking, opportunities for temporary development are limited by a large raised planter at the centre, surrounded by four lampposts and a historical wall to the east of the site.





Images obtained from google maps on 19.04.20



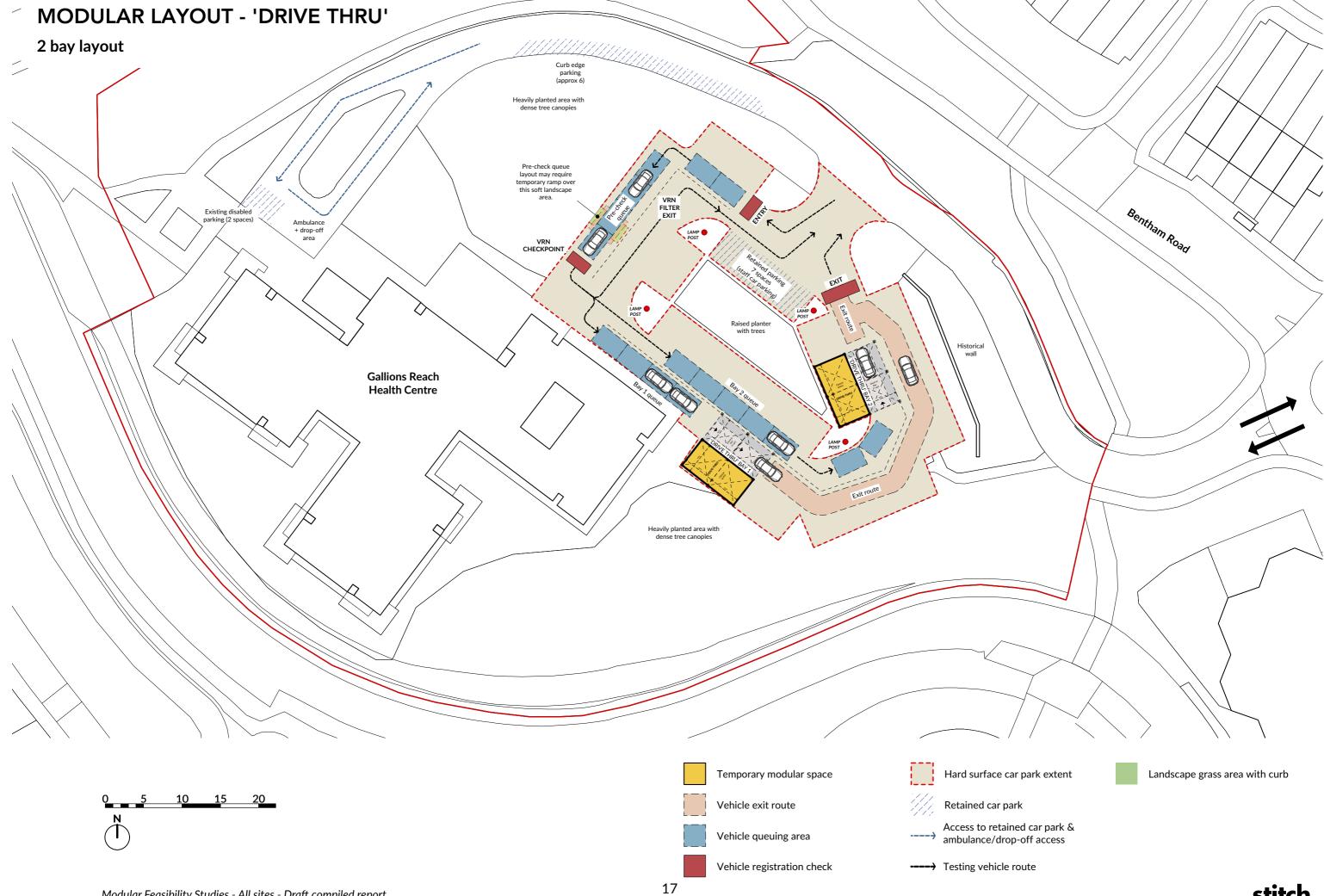
Lampposts and raised planter to the right, historical wall on the left

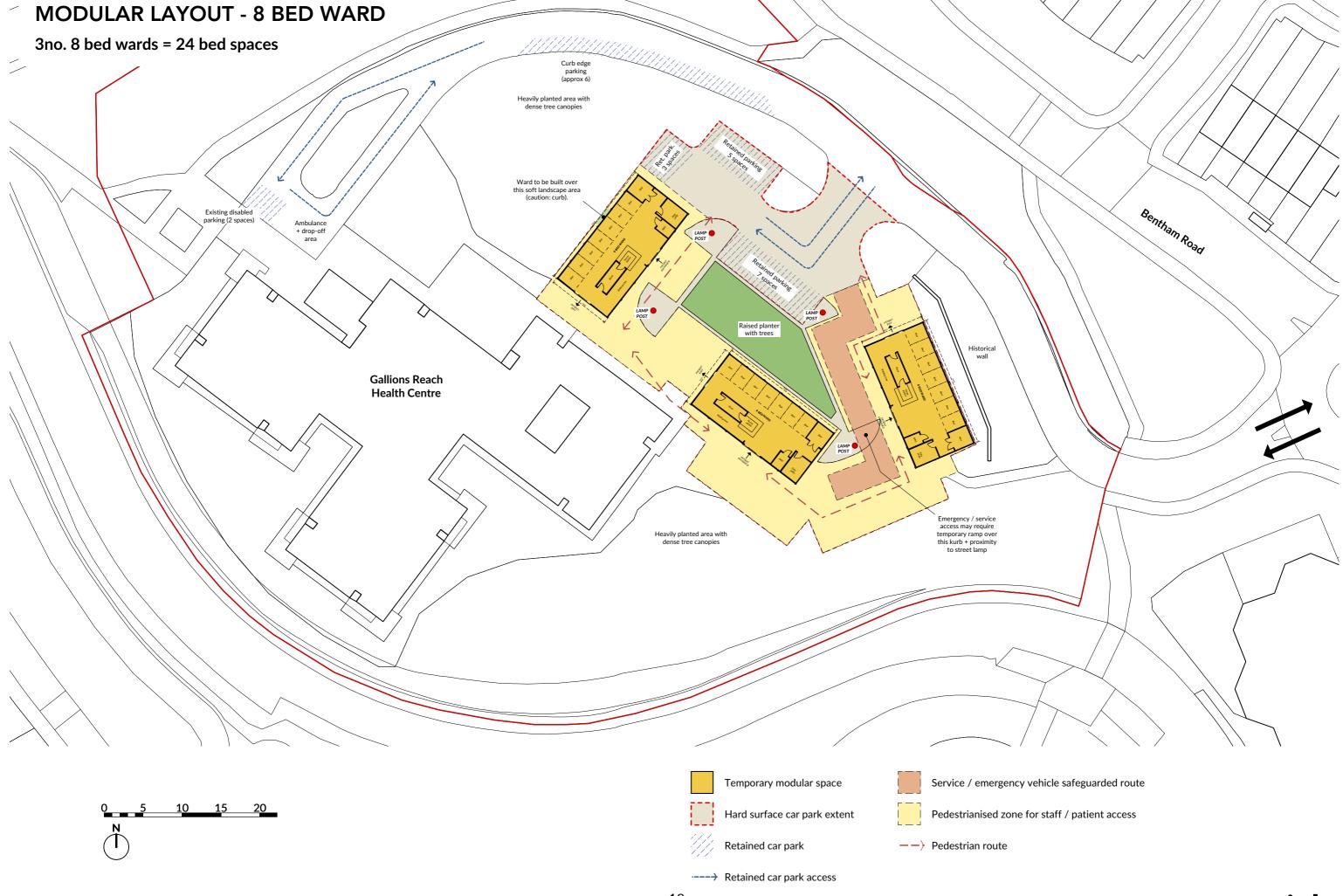


Ambulance garages and accessible parking beyond

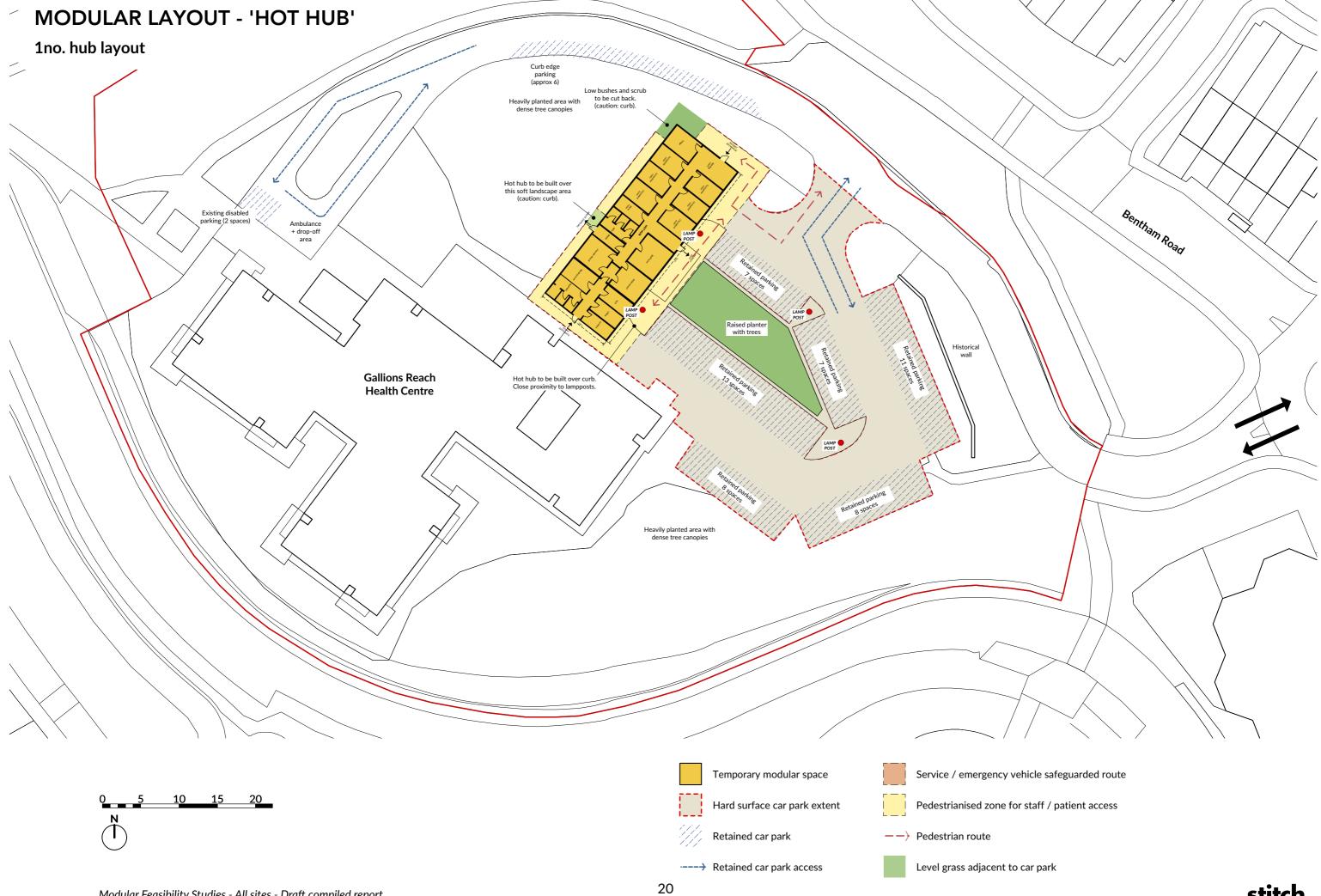


View of parking entrance showing dense surrounding vegetation

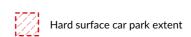


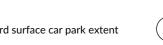






# SITE 04 QUEEN MARY'S HOSPITAL





0 5 10 15 20 25 M



Key factors to note are that although there is extensive car parking surface area on the QMH site, there are trees and landscaping areas throughout that should be avoided by any temporary measures. According to the NHS PS supplied TPO information, no tree within the car parking area has TPO protection.

Utilities searches provided by NHS PS show no major utilities such as Gas, Thames Water or High Voltage Electrical routes across the car park, however some BT openreach infrastructure is present. Further investigation should be taken.



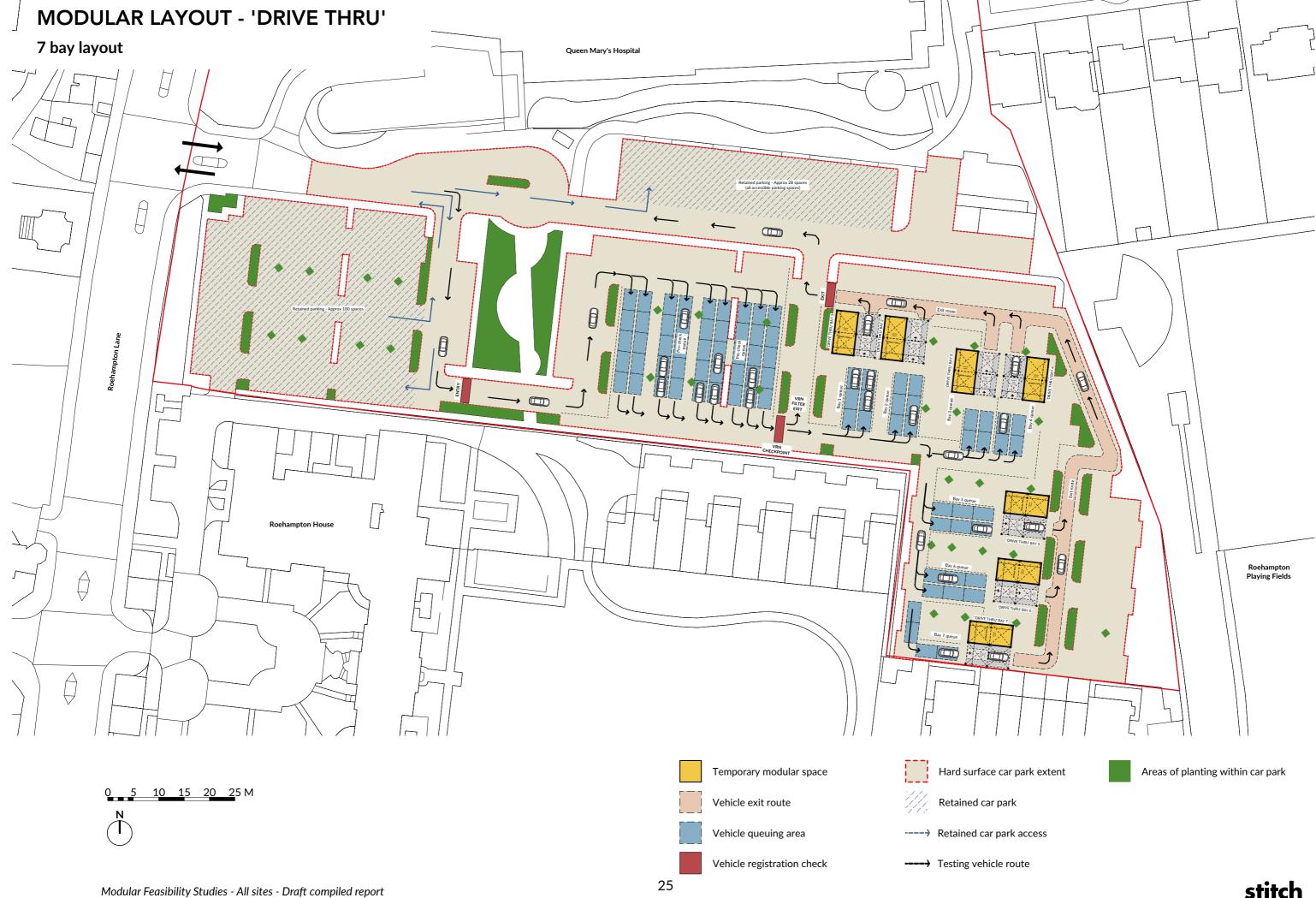


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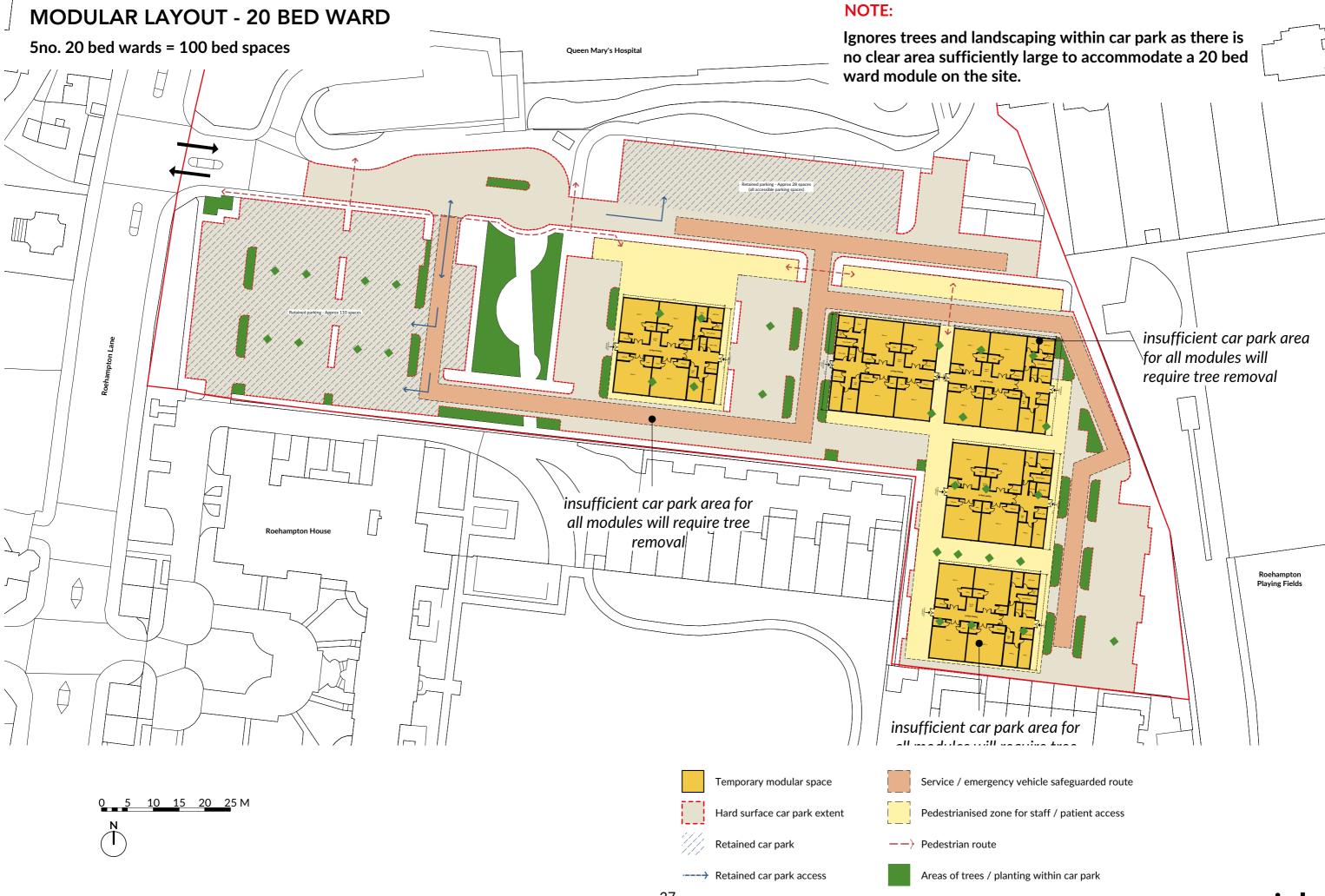


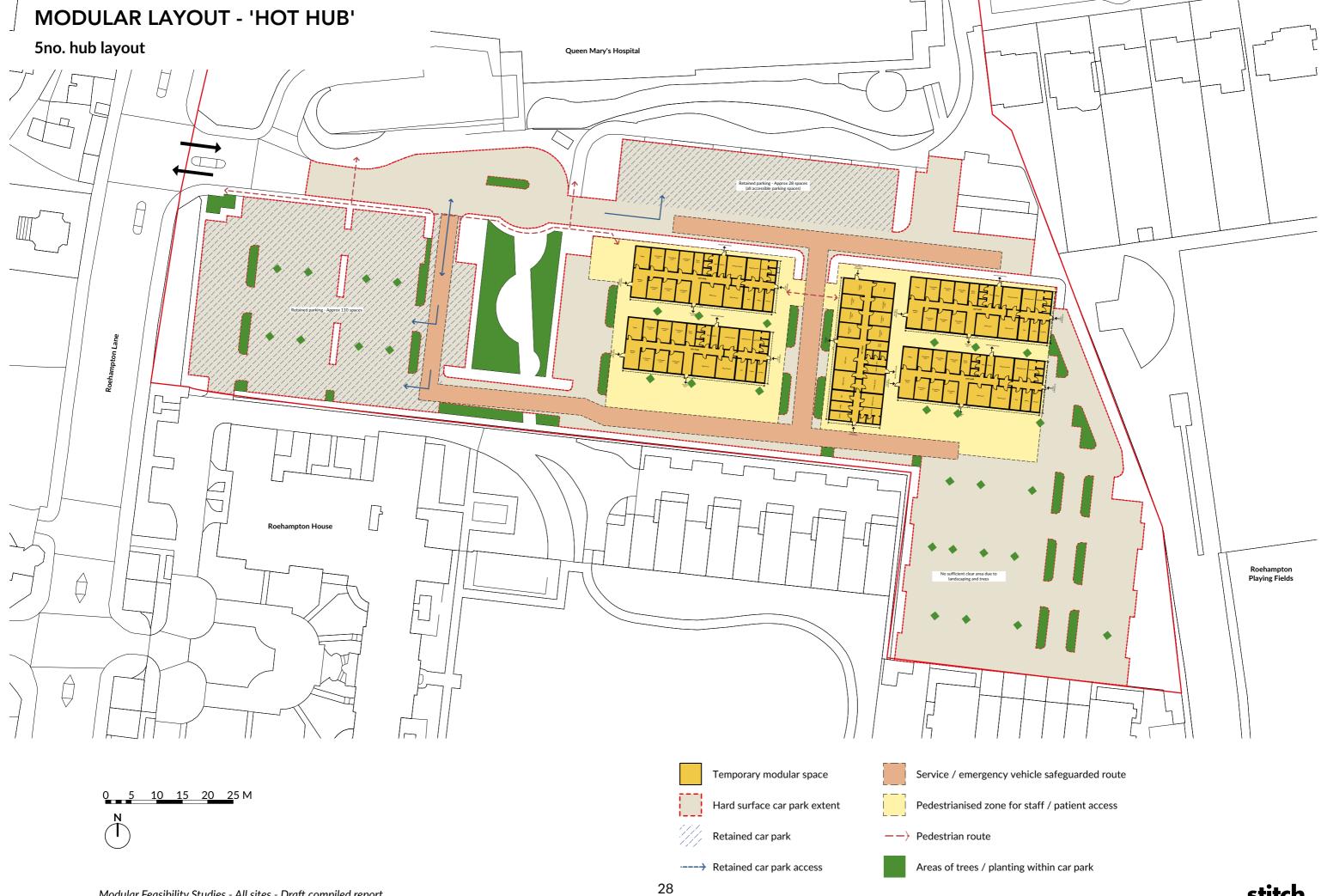




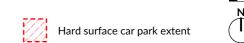








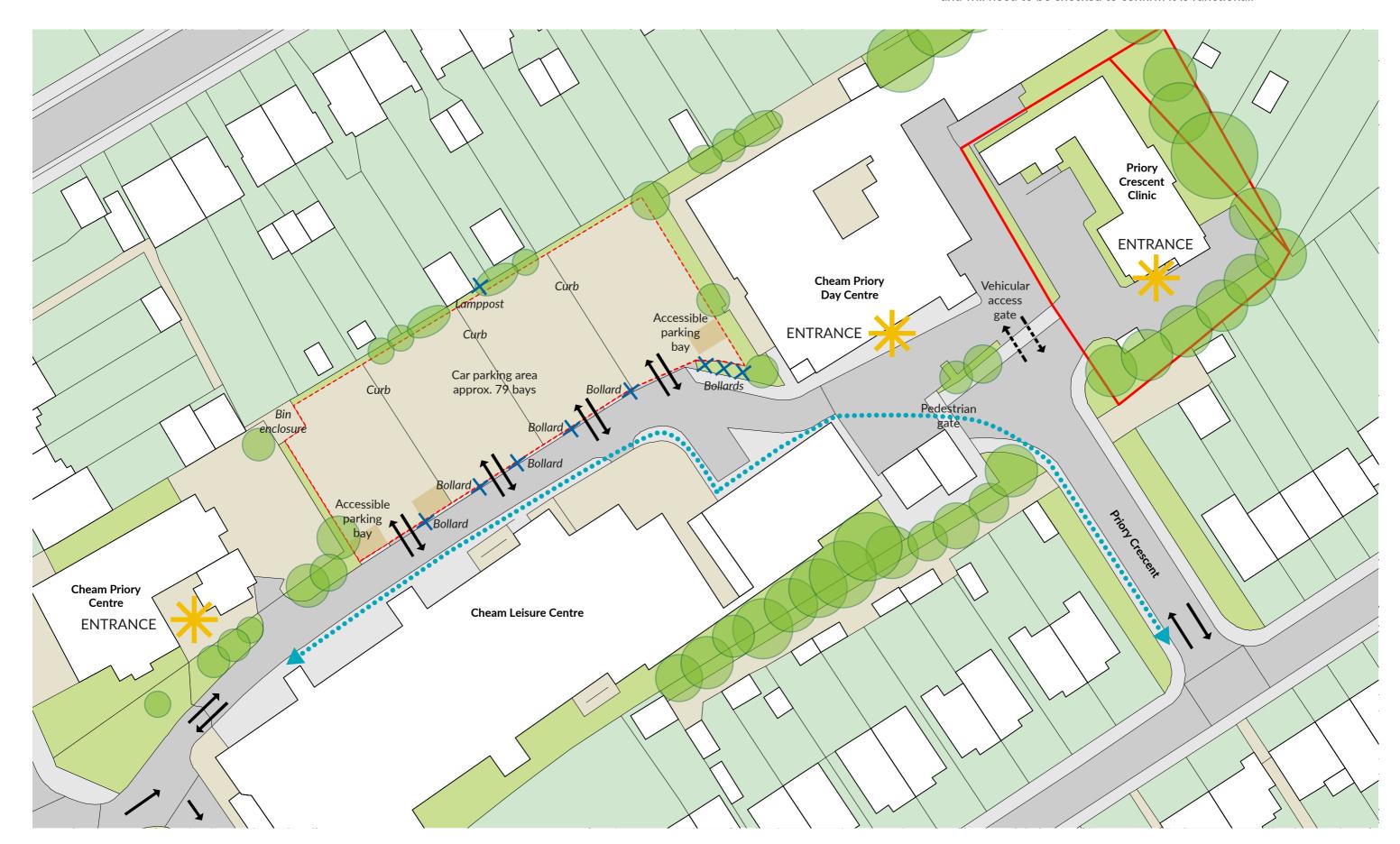
# SITE 05 PRIORY CRESCENT





The generous extent of car parking is subdivided into four zones defined by curbs and bollards. Each zone has its own access point off the street.

A private vehicular access gate to the west of Priory Crescent Clinic connects Cheam Priory Day Centre to Priory Crescent. This could be used as an alternate entry point to the site. It does not seem to be in regular use and will need to be checked to confirm it is functional.



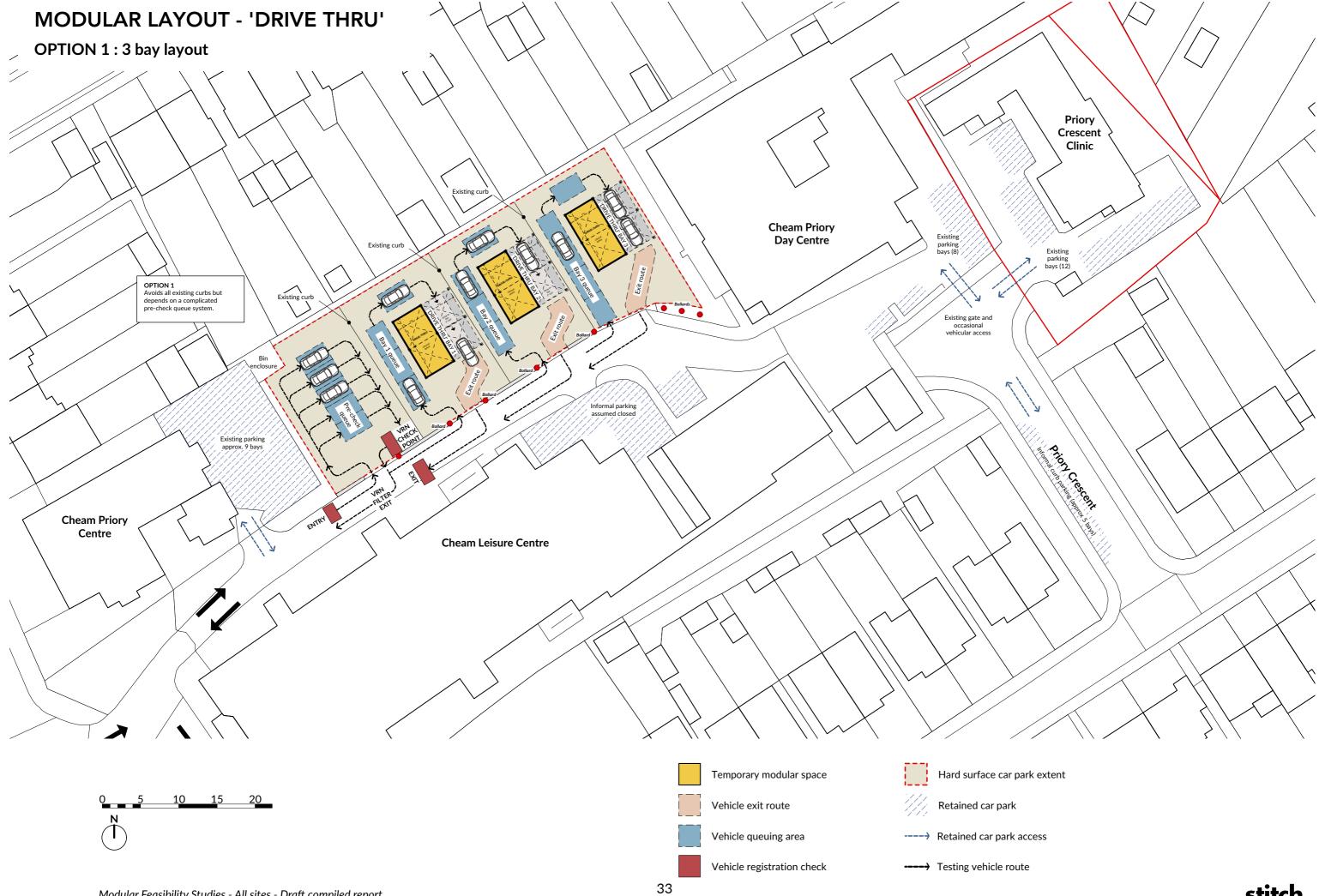


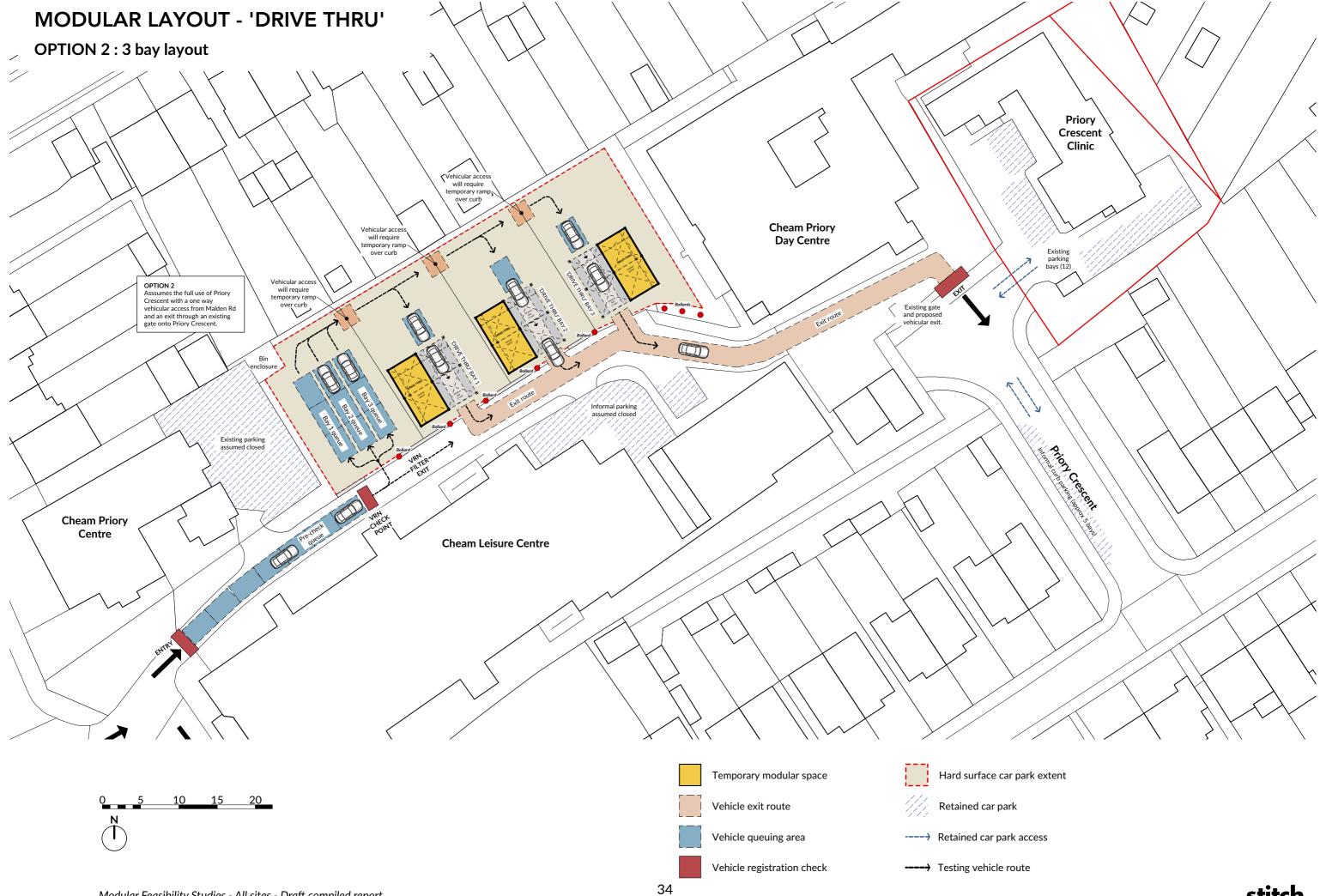
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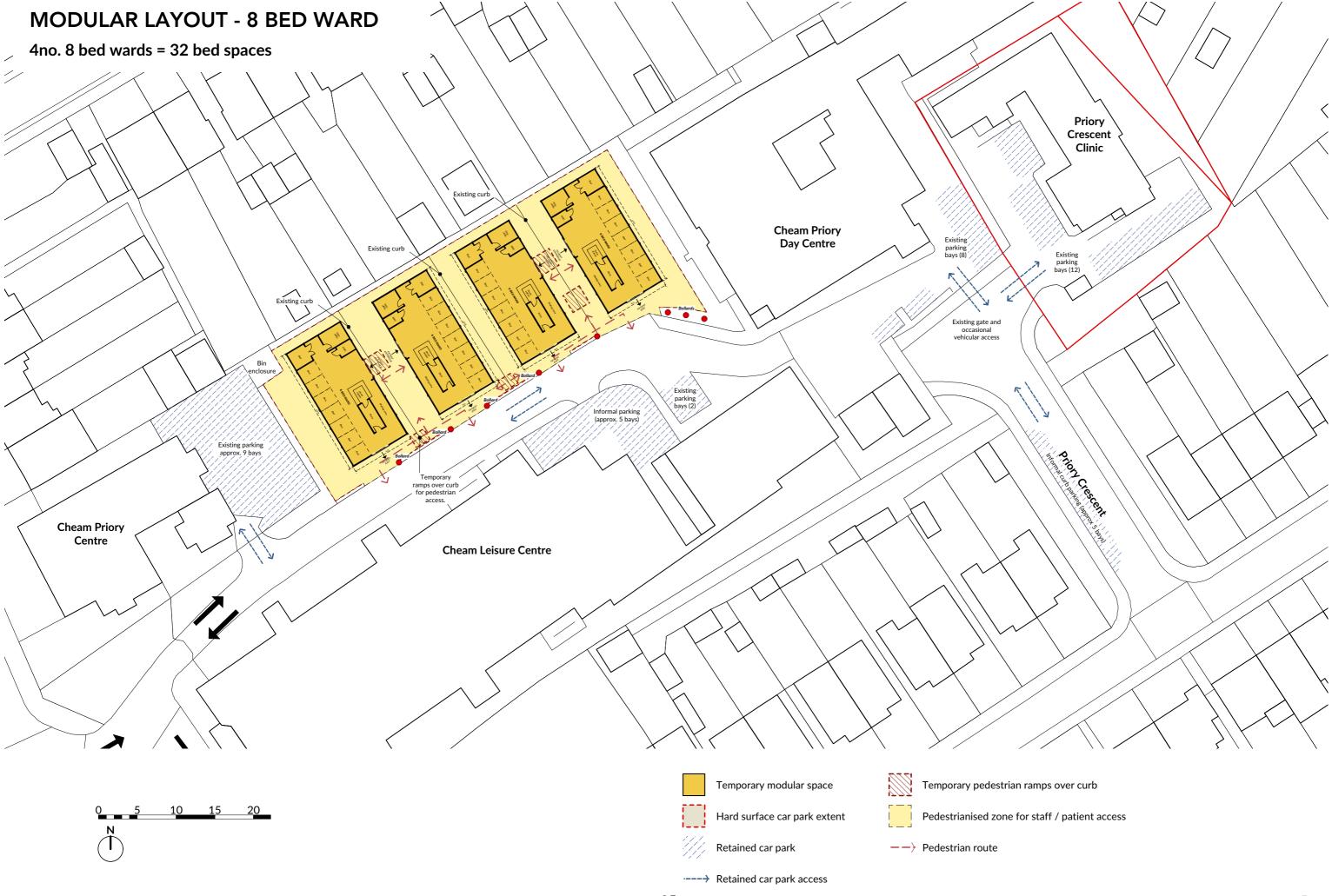


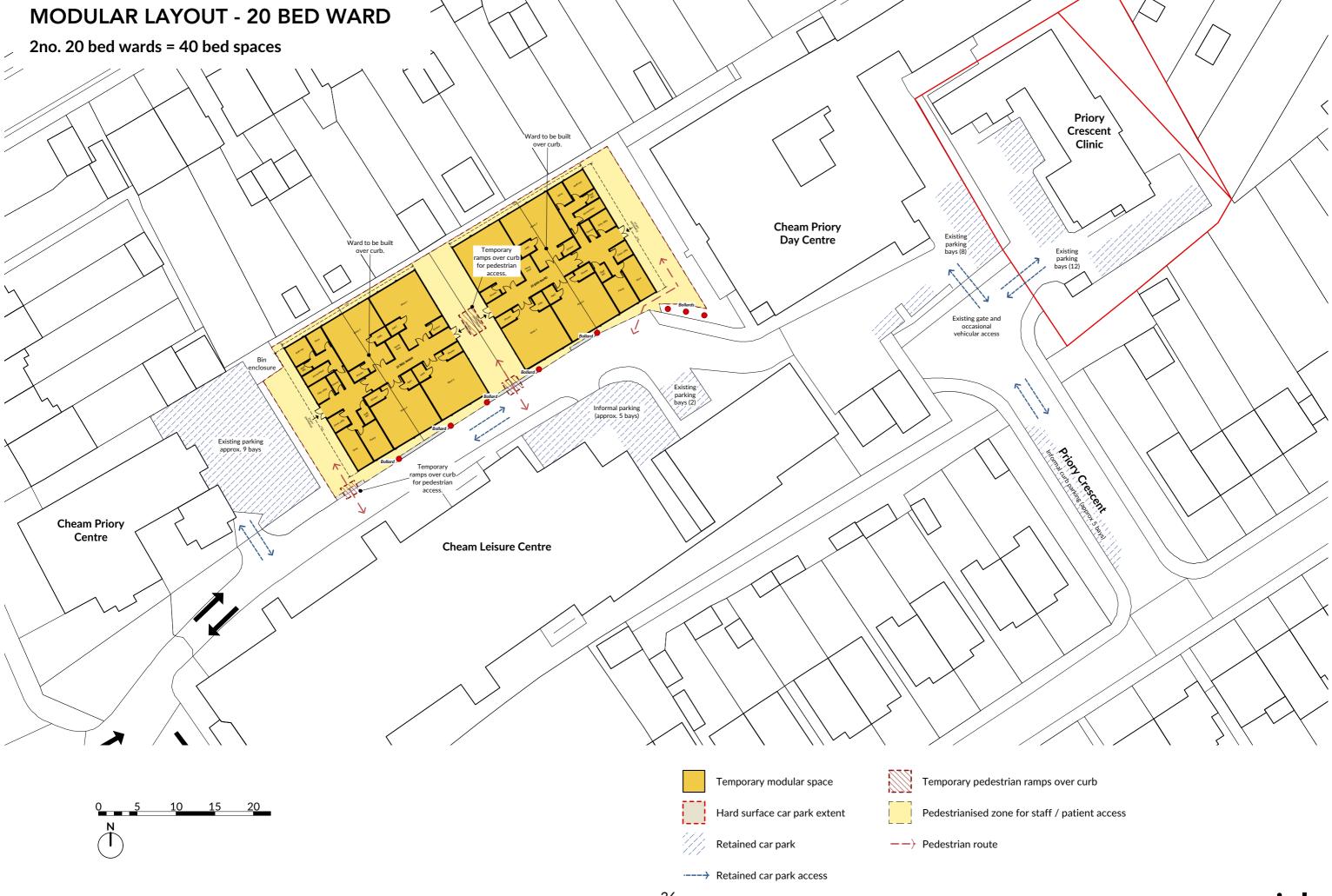


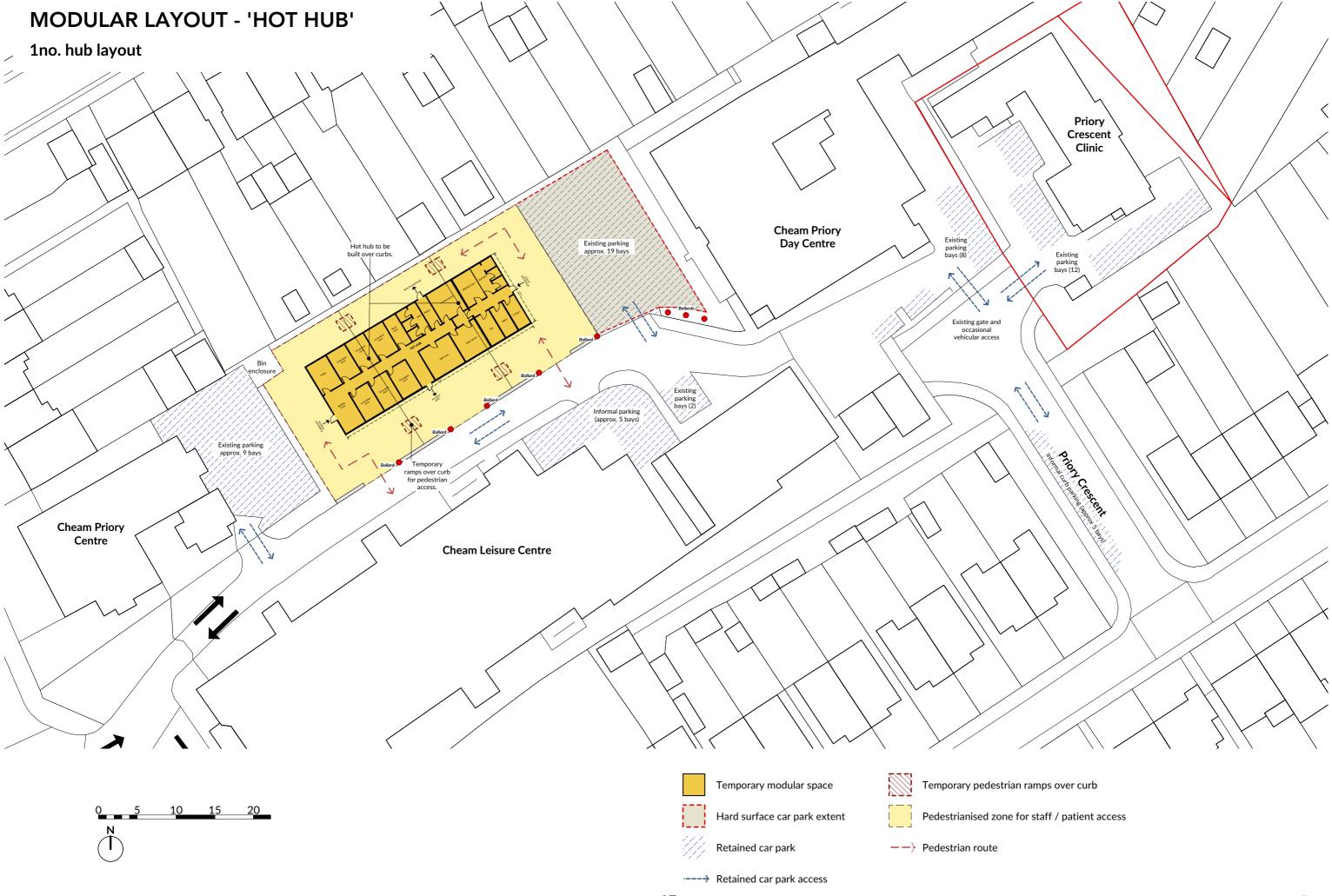






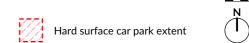






# SITE 06 PARKWAY HEALTH CENTRE

### **EXISTING SITE PLAN**





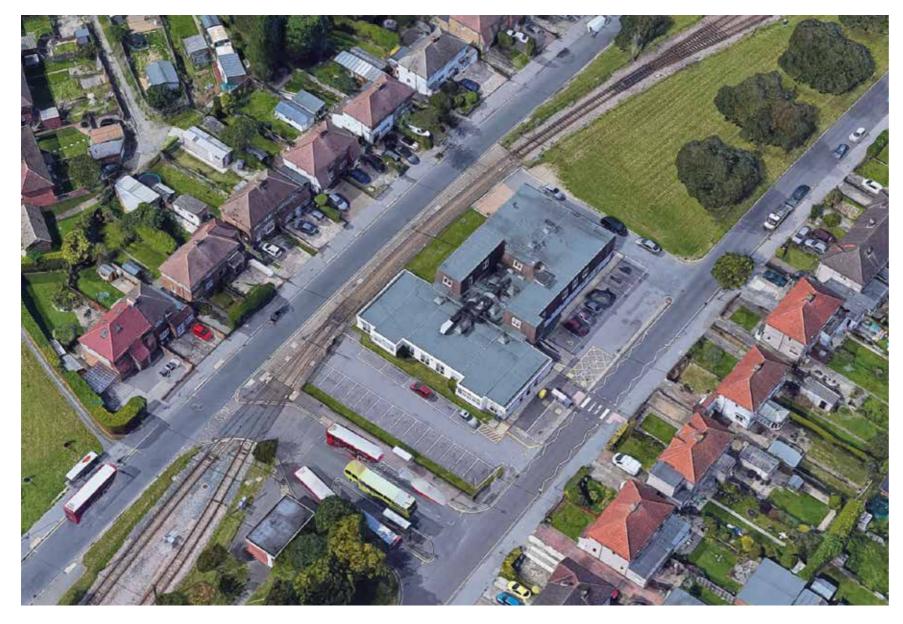
#### **CONSTRAINTS DIAGRAM**

This site is very constrained with the buildable area divided into two narrow parking areas each with their own entrance. There is an opportunity to connect them by folding down the two bollards by the health centre entrance.

To the north of the site is a large grassy area which could be used as a spill out area outside the red line boundary for the larger modular units.



### **SITE PHOTOGRAPHY**

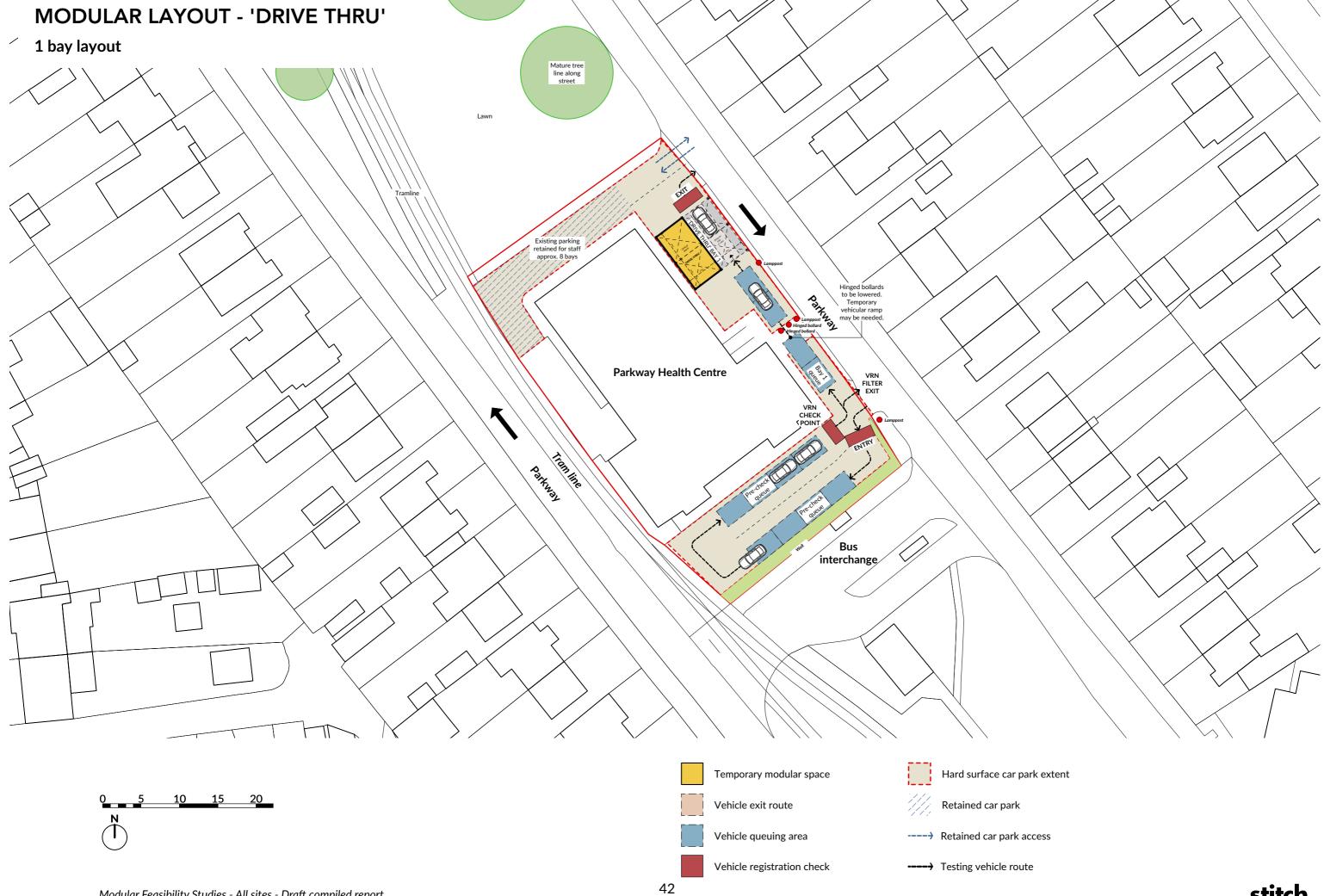


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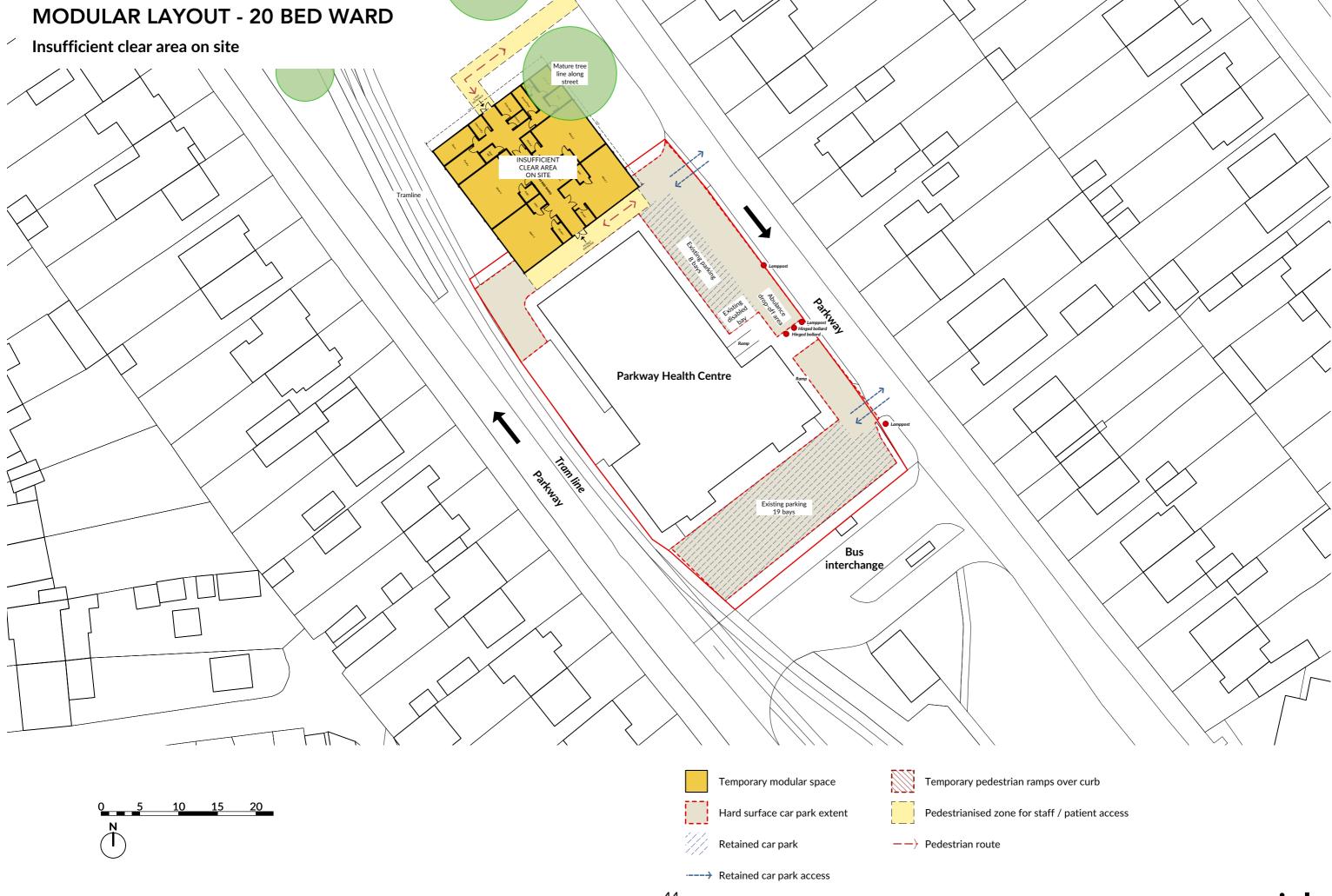


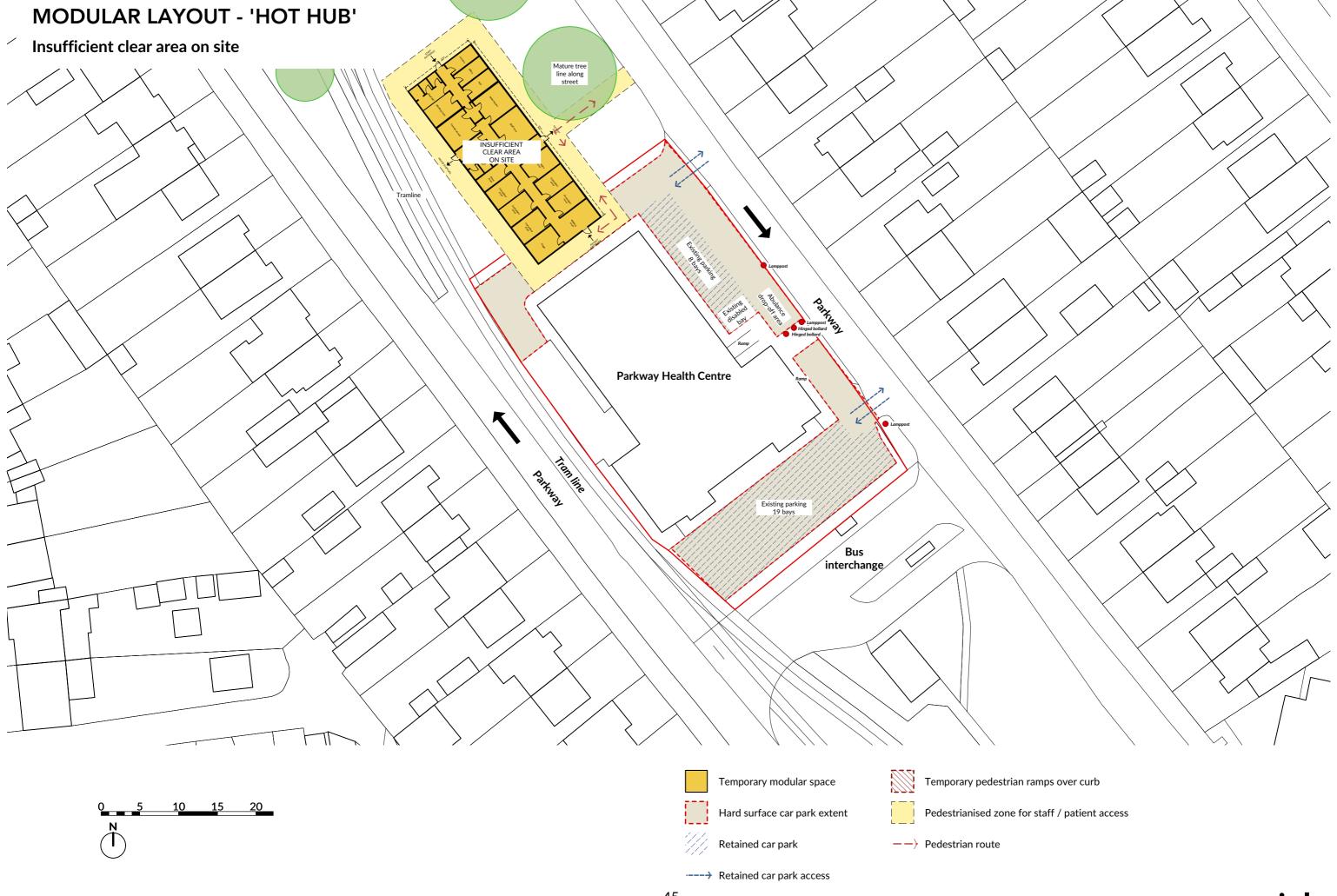






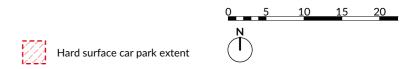


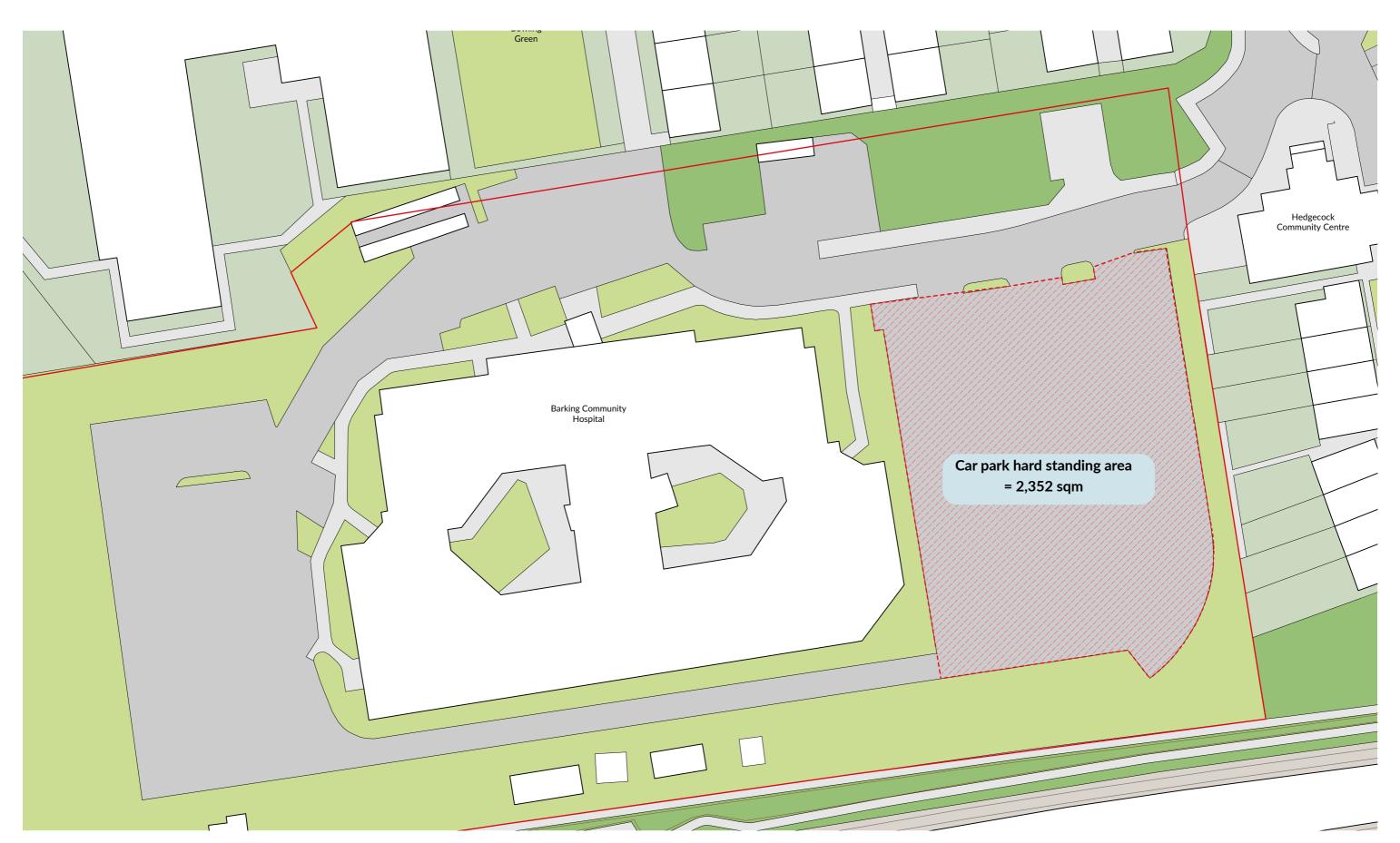




# SITE 07 BARKING COMMUNITY HOSPITAL

### **EXISTING SITE PLAN**

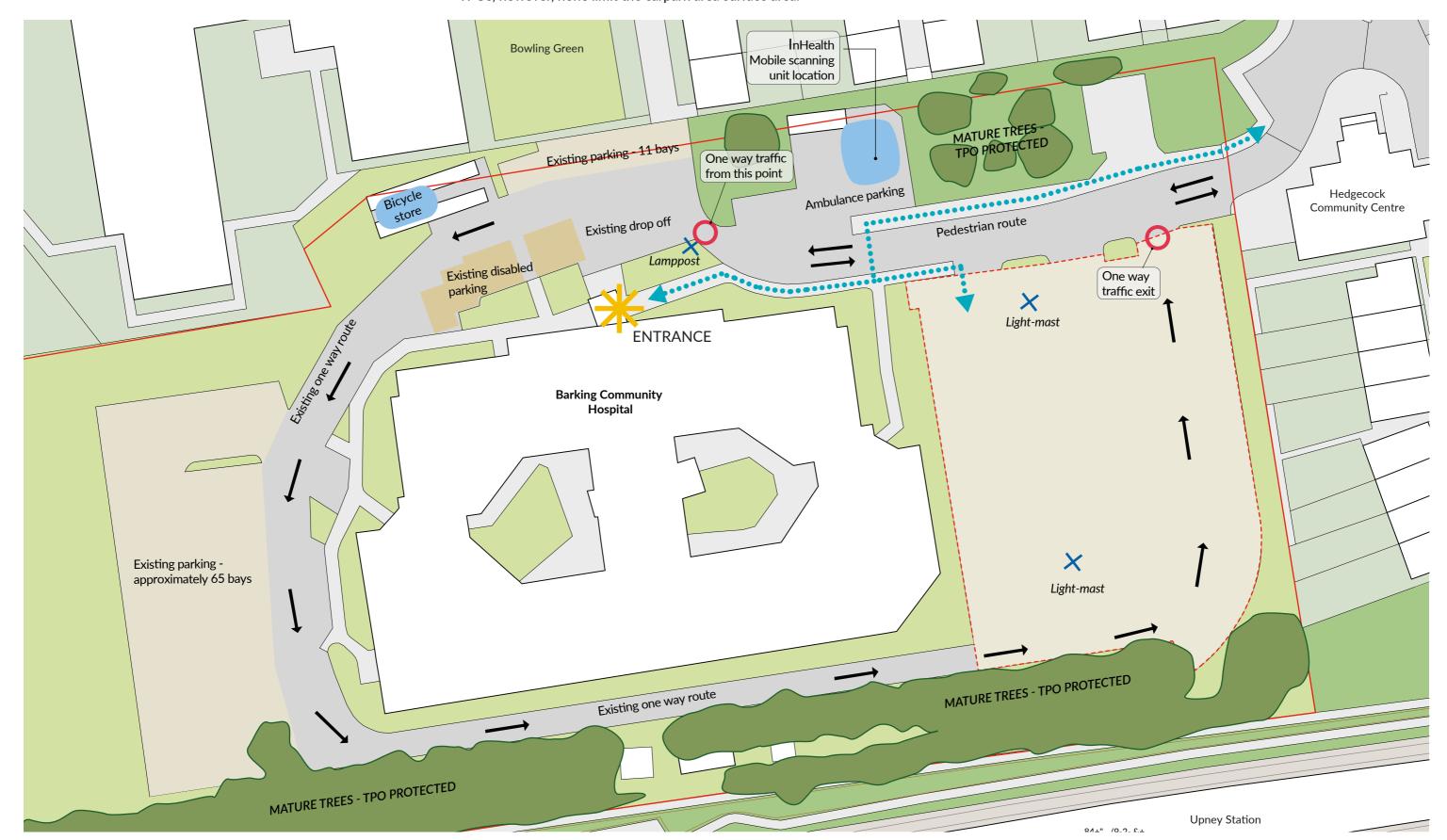




#### **CONSTRAINTS DIAGRAM**

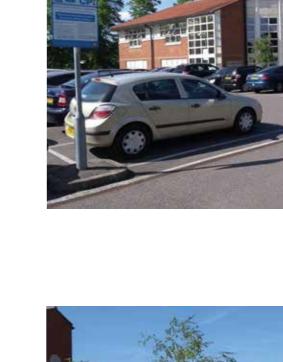
The proposals focus on the eastern portion of the hospital's car parking provision. The existing traffic circulation on site reverts to a one way system to the west of the main entrance where the roadway narrows, this condition will need to be addressed in how the different proposals make use of the eastern carpark. Trees within the hospital grounds are subject to TPOs, however, none limit the carpark area surface area.

No utilities searches have been provided by NHS PS for major utilities such as Gas, Thames Water, BT or High Voltage Electrical routes in the eastern car park. Further investigation should be taken. It is noted that there are existing lighting masts in the eastern carpark which will affect the proposed use of the carpark.



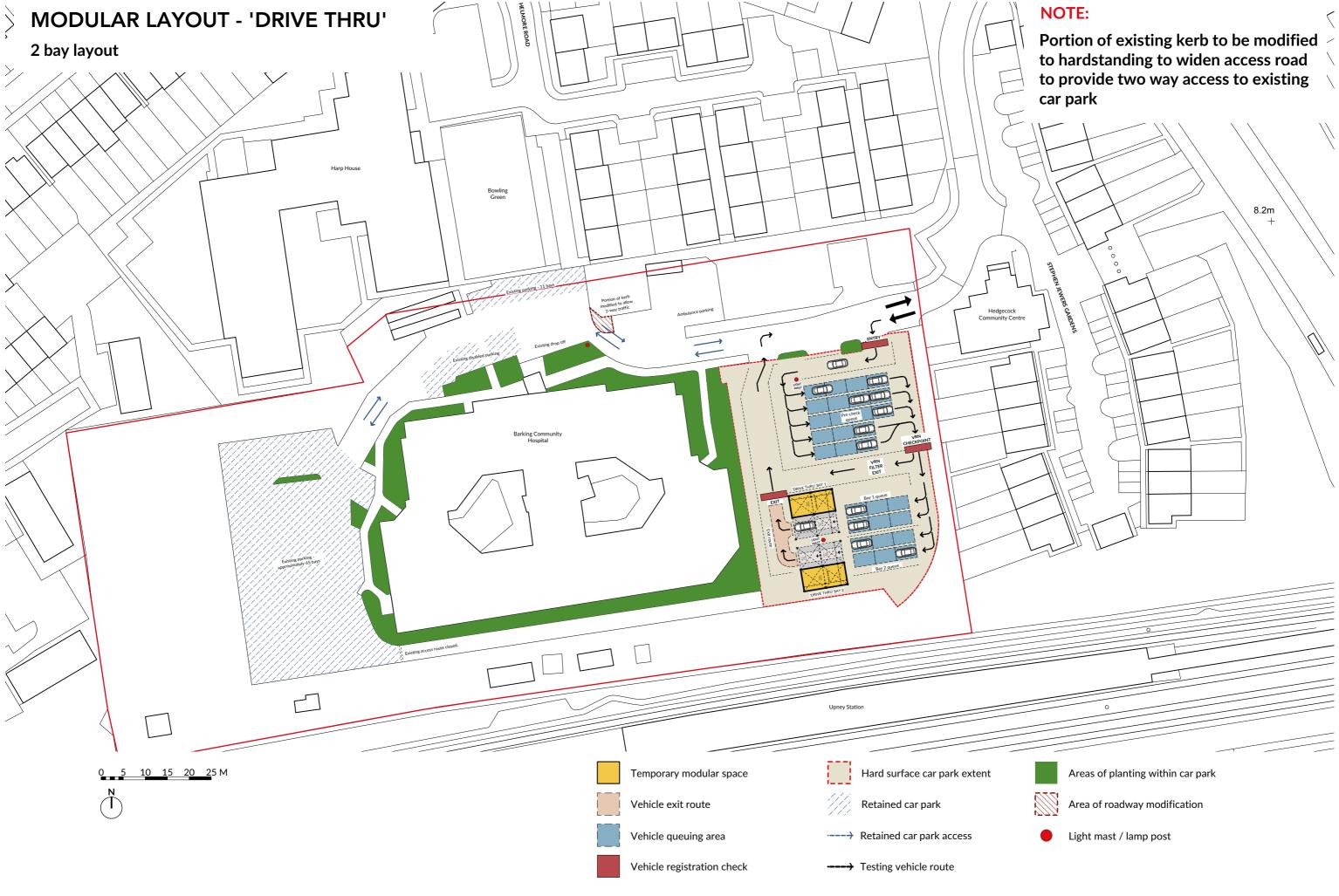
### **SITE PHOTOGRAPHY**

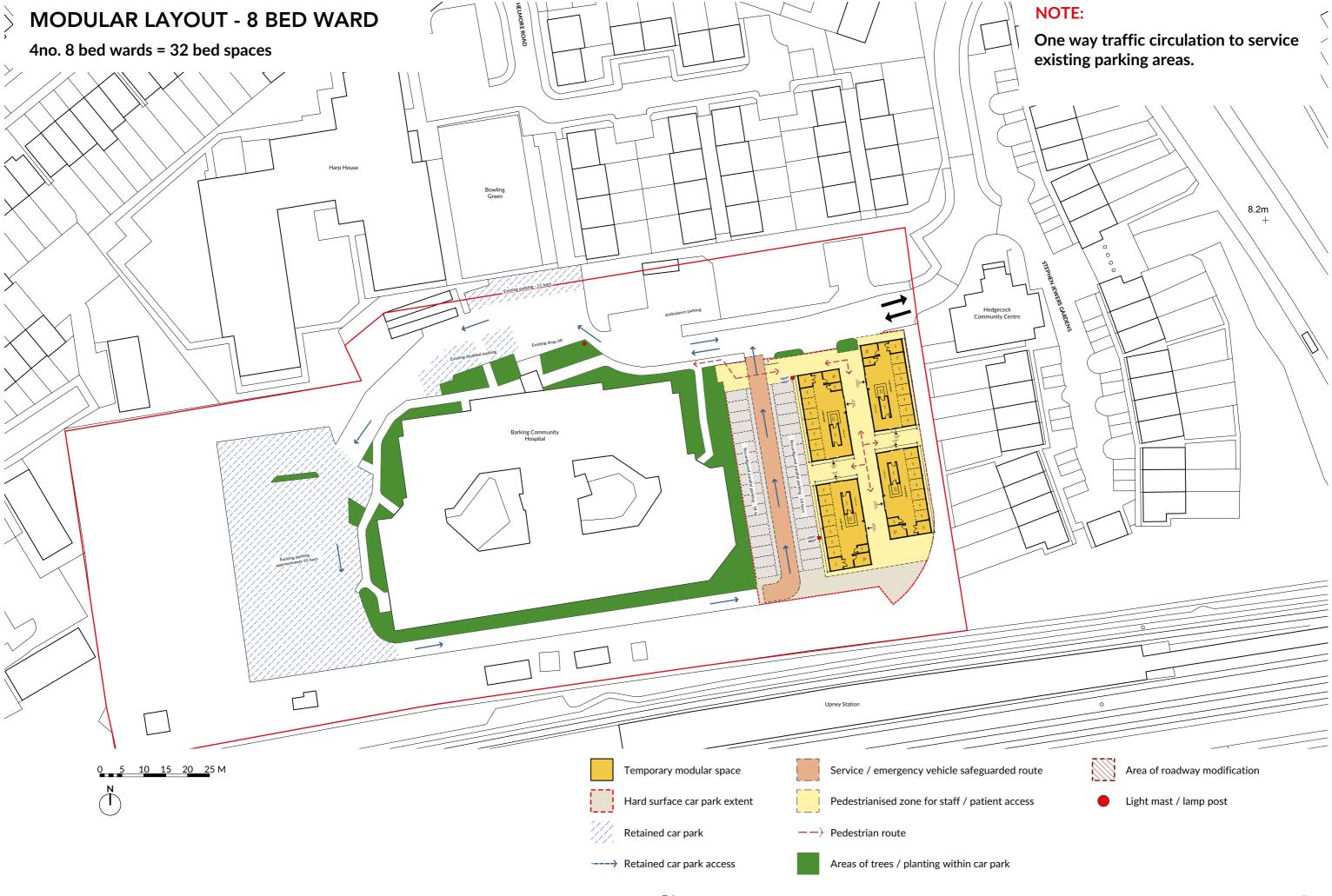


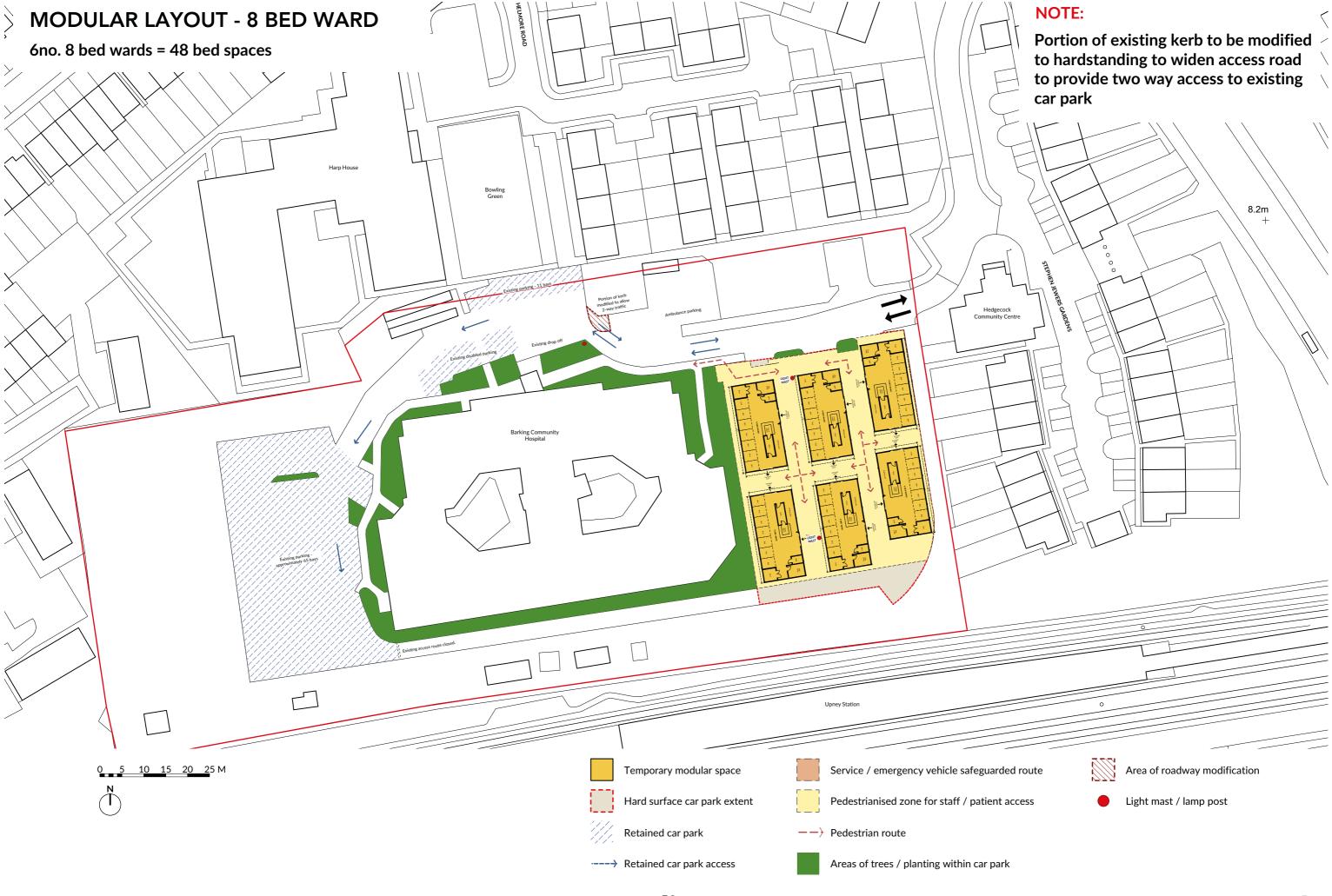


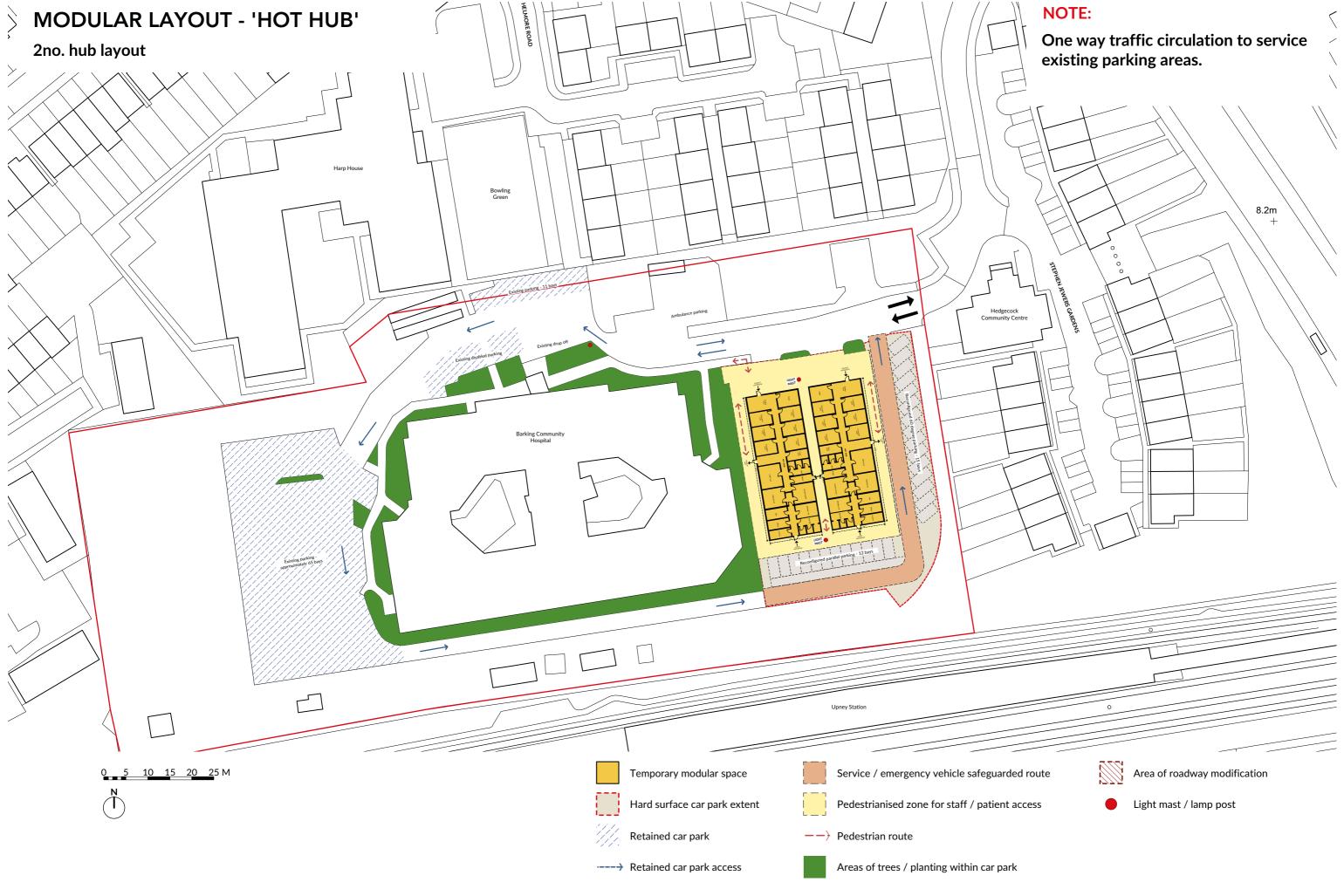


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