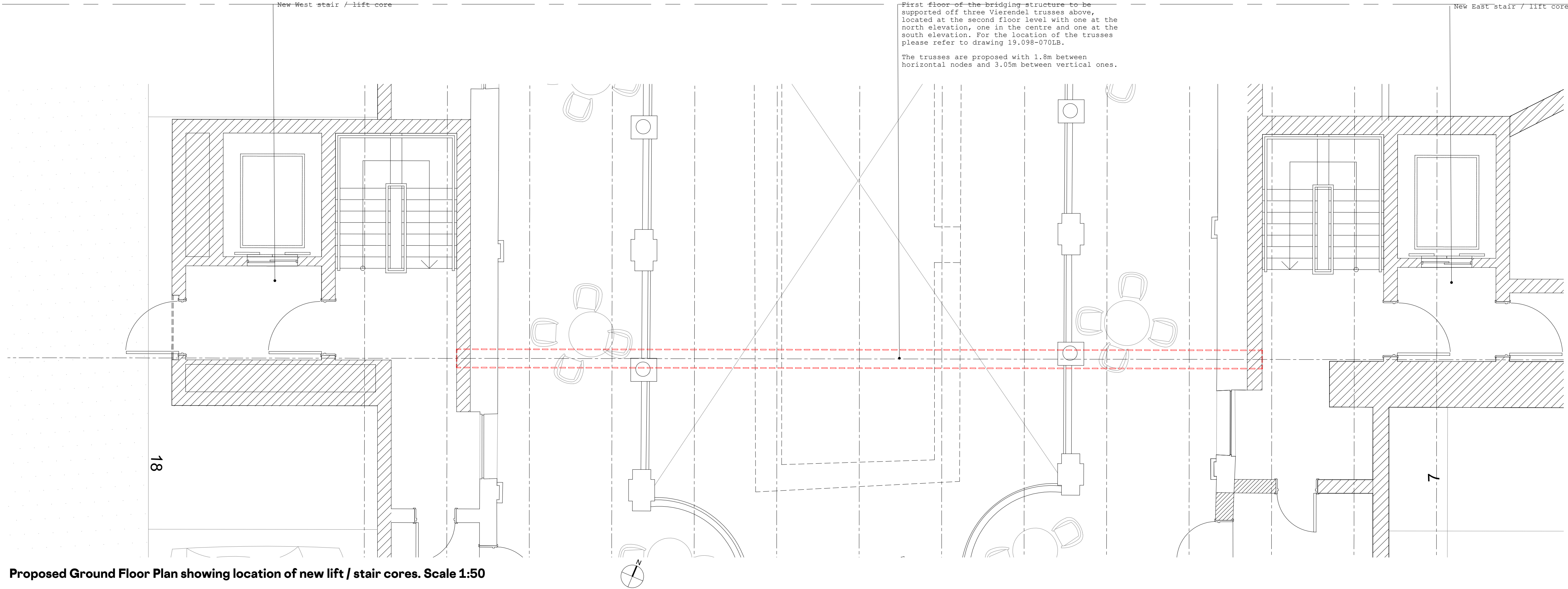
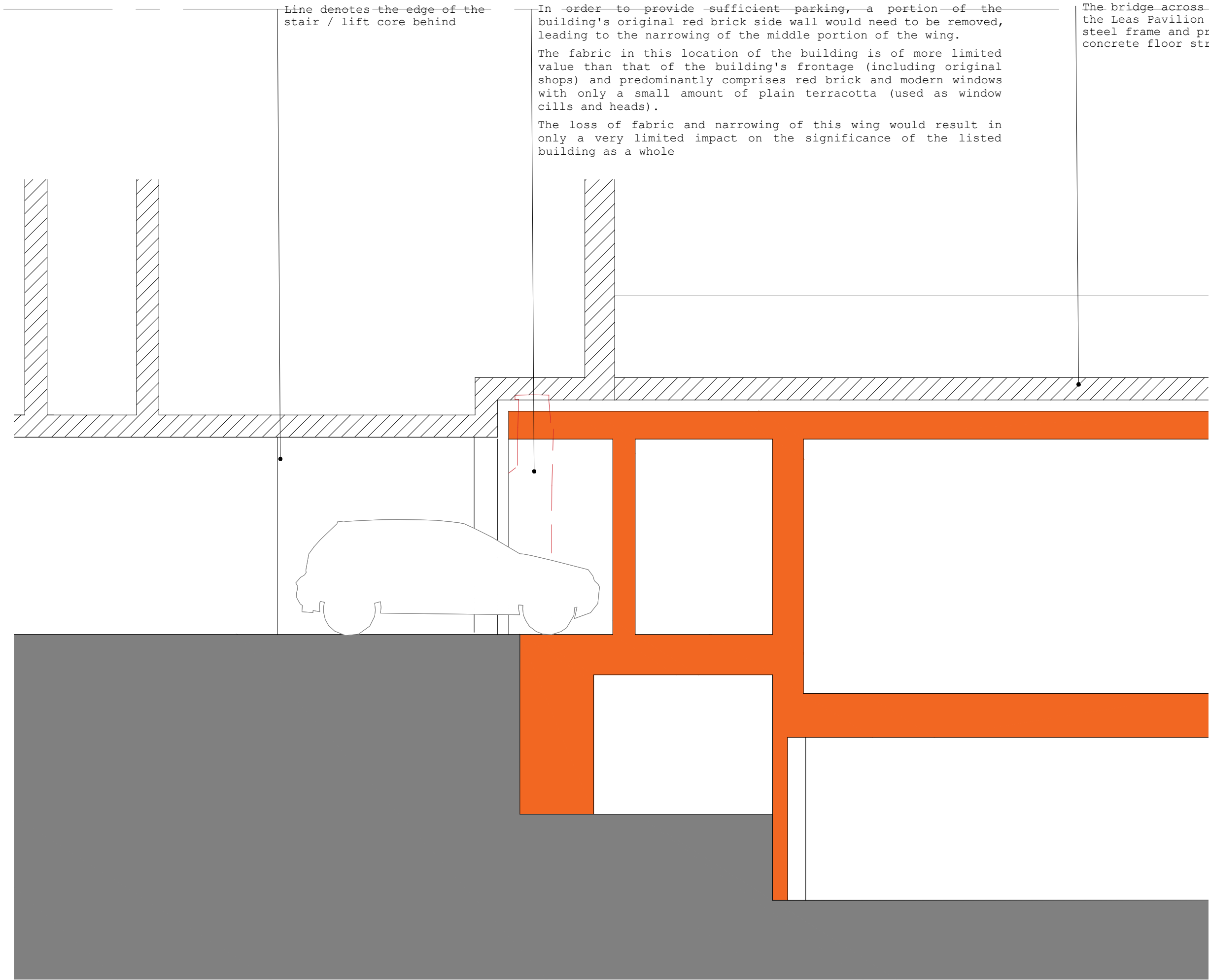
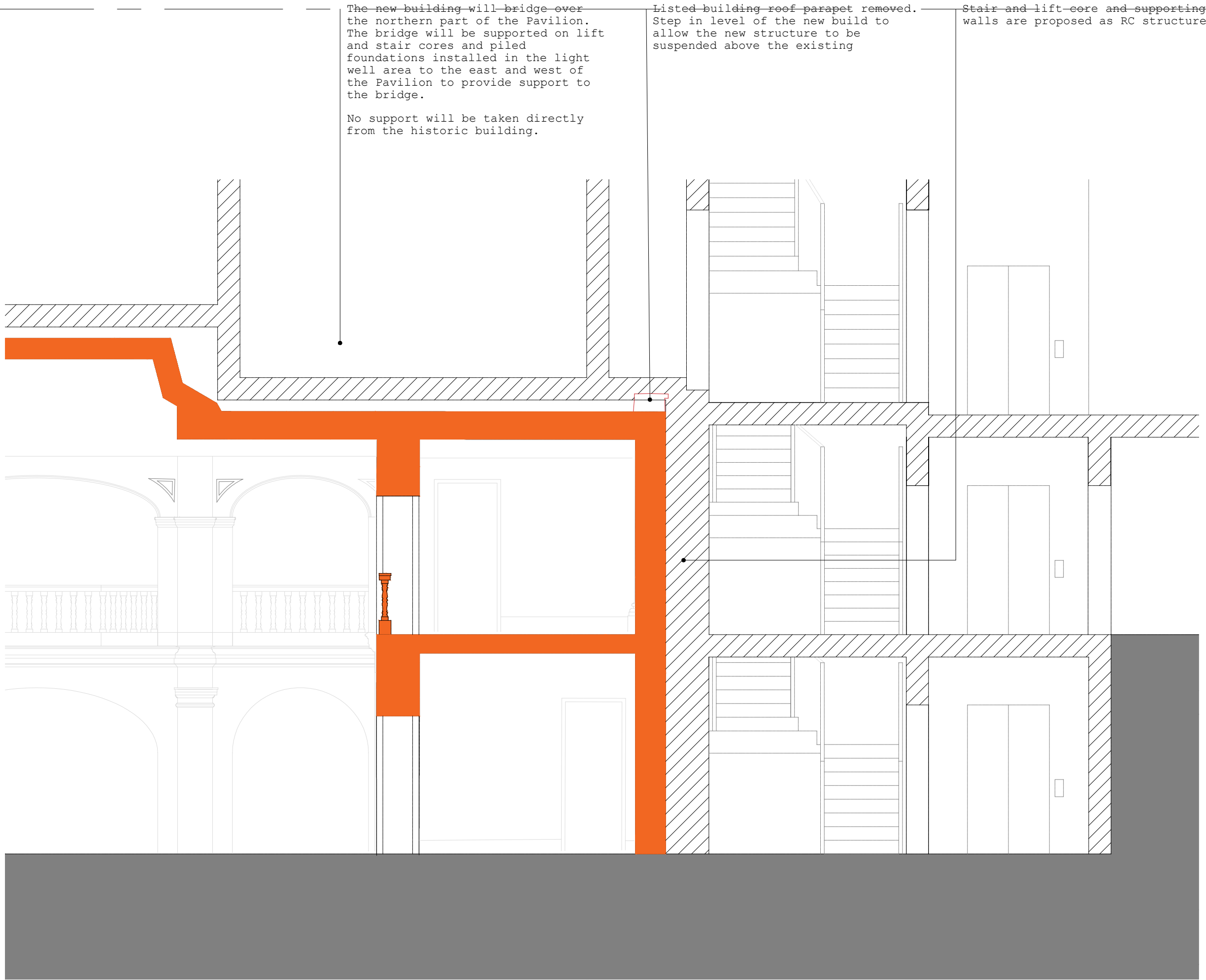




Proposed Ground Floor Plan showing location of new lift / stair cores. Scale 1:50



Proposed Section showing . Scale 1:50



Proposed Section showing location of new West lift / stair core. Scale 1:50

EXISTING LEAS PAVILION AND NEW BUILDING ELEMENTS:

The new building will bridge over the northern part of the Pavilion. The bridge will be supported on lift and stair cores and piled foundations installed in the light well area, and outside of the Leas Pavilion footprint. This will require the construction of new section of retaining wall to new stair cores.

Stair and lift core and supporting walls are proposed as RC structure. The bridge across / above the Leas Pavilion is to be steel frame and precast concrete floor structure.

First floor of the bridging structure to be supported off three Vierendel trusses located at second floor level, one at the north elevation, one in the centre and one at the south elevation. The trusses are proposed with 1.8m between horizontal nodes and 3.05m between vertical ones.

To preserve the structural integrity of the existing retaining wall during the temporary construction condition, the sequence of works will need to be carefully considered. It is envisaged that the new section of retaining wall, outside the existing footprint, would be constructed prior to any removal of the existing retaining wall. The cut ends of the existing wall would be tied into the new structure.

Piling will be required for the bridge foundations and for the foundations to the apartment block and piles will be close to the historic structure.

The piling method and design will take account of the close proximity to existing foundations and will mitigate the potential risk of ground movement and vibration due to, for example, pile probing, pre-auguring and the piling process.

It proposed to demolish the outer, brick walls to the wings to accommodate the car park at ground level and to build new ground floor walls on a different alignment. As these will not be directly above the basement walls new structure will be required to support these walls. The details of this intervention will be developed as the design for the scheme develops.

The interface between the new build and the historic fabric will be designed to minimise harm.

Further development of the design will be informed by site investigations to evaluate the extent of existing and proposed foundations.

PLEASE NOTE

For additional specialist details and information, please refer to enclosed reports:

- Heritage Statement, Heritage Collective
- Listed Building Repairs Notice, Folkestone & Hythe District Council
- Structural Inspection and Appraisal, Ramboll
- Facade inspection and outline terracotta repair methodology, PAYE Conservation

Hollaway

London | 11a Acton Street | London | WC1X 9SG
T +44 (0) 20 7058 5625 | E london@hollawaystudio.co.uk | W www.hollawaystudio.co.uk

Kent | The Tramway Stables | Rampart Road | Hythe | Kent | CT21 5BG
T +44 (0)1303 260 515 | E kent@hollawaystudio.co.uk | W www.hollawaystudio.co.uk

Project | THE LEAS PAVILION, THE LEAS FOLKESTONE
Client | GUSTAVIA LTD.
Title | PROPOSED STAIR CORE DETAIL
Status | PLANNING

Scale | A1 | 1:50 Date | 22.04.20 Drawn | DS Chk'd | ME

Project Number 19.098 Drawing Number 071LB
Bim Number Revision ----