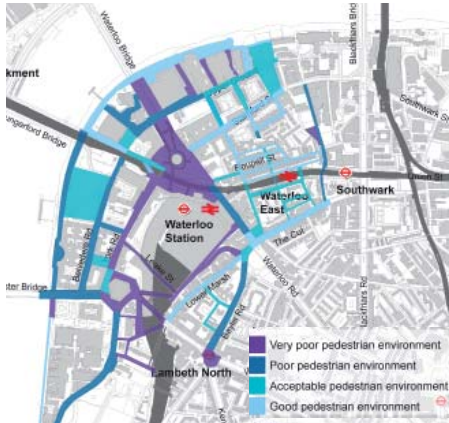
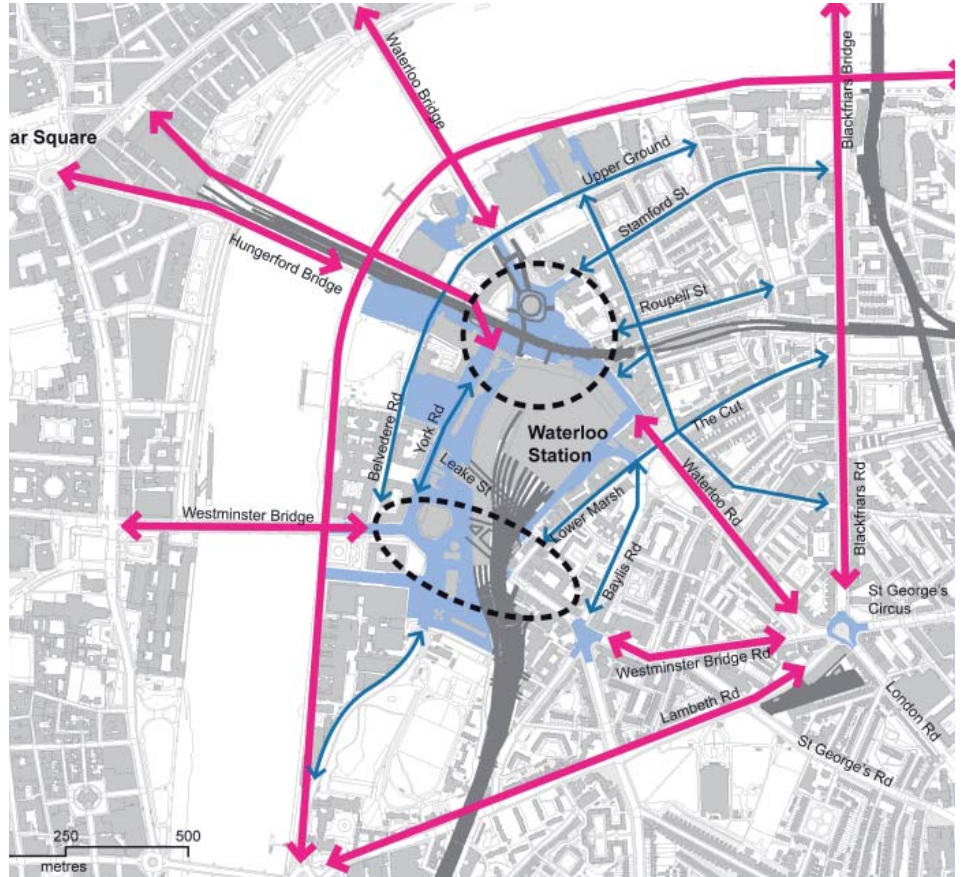


Case study London, Elizabeth House Urban masterplan



A
Qualitative public realm survey revealing the poor pedestrian environment particularly around Waterloo station

B
Pedestrian linkage summary diagram illustrating the area's strategic location with poor local connections



B

Client
Chelsfield Partners LLP
London & Regional Properties

Duration
2010 - ongoing

Professional team
David Chipperfield Architects
West 8
Jacobs

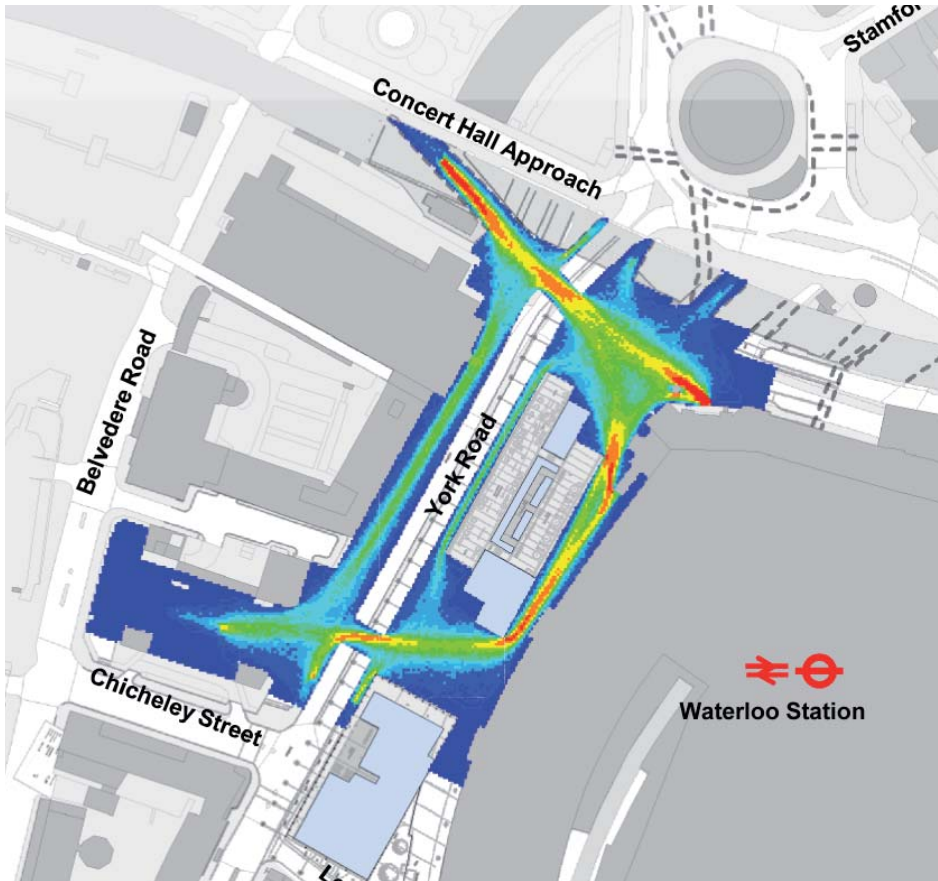
Our role
Strategic urban design advisor

Key features
Urban baseline study
Pedestrian movement study
Transport Assessment

The opportunity
Chelsfield Partners LLP and London & Regional Properties appointed Space Syntax to join the masterplanning team for Elizabeth House, a key site in Waterloo. As a strategic London centre, Waterloo benefits from world class cultural, tourist and transport attractors and has high levels of pedestrian movement and high vehicular accessibility. However, the area is also heavily constrained by a poor public realm, which results in a poor 'doorstep' to the various destinations in the surrounding area.

Our contribution
Our contribution was in two stages. The initial contribution was to produce a Public Realm Baseline Study for the wider setting of the site identified by the London Plan as the Waterloo Opportunity Area. The study was informed by an evidence-based analysis of the form and function of the area in order to produce a robust spatial strategy. The study also benefited from the input of local stakeholders through workshops and regular meetings.

The emerging strategy for WOA was aimed at developing a staged development process where projects are developed individually without prejudicing the long-term joined-up strategic vision for the future



C Pedestrian forecast analysis

Pedestrian movement patterns of the emerging masterplan design

development of the public realm in the Waterloo area. The Public Realm Baseline Study was used as a briefing document for the invited completion to appoint a lead architect for the Elizabeth House site.

During the second phase working with David Chipperfield Architects, landscape designers West 8 and Jacobs transport engineers we continued to build the evidence-based and to design the public realm of Elizabeth House.

The outcome

The emerging design public realm design of Elizabeth House has been based on an in-depth understanding of the key pedestrian desire lines in the area. The evidence-based information and modelling tools developed by Space Syntax have been instrumental throughout the design process in two key ways.

First, working with the design team, it has been used as a design tool to inform and test emerging masterplan proposals.

Secondly, it has allowed the team to clearly present and explain their design rationale to the wider stakeholder group, including London Borough of Lambeth and TfL, and has helped solve often conflicting demands over a key new space in London.

By developing an evidence-based understanding of the wider project setting, we have been able to ensure that the emerging design will benefit the long-term regeneration of the area and will deliver a new vibrant space for London.