Bidder Street Data Centre

Bidder St, London E16 4SH

We were asked to collaborate with the architects Foster + Partners for a data centre to be sited along the River Lea in Newham. The potential bulky and high building required particular attention to form and design and owing to its height, an exploratory townscape study was important in testing different early solutions. The same was necessary to present the project as part of an Environment Impact Assessment and planning application. Several solutions were explored both in form and materials, ranging from brick cladding to the chosen profile metal panels. The breaking down of form was aided by a detailed study of the functions so that rather than a single form, elements of the function were expressed.

This approach was commended by the Design Panel at Newham and the planning committee subsequently gave it their approval.

CLIENT

- SineQN

SECTOR

- Data Centres

STATUS

- Approved

KEY CONTACT



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ARCHITECT

- Foster + Partners

LOCAL AUTHORITY

- Newham, London

SERVICES PROVIDED

- Heritage
- Townscape and Visual Assessment
- Tall buildings
- Environmental Statement





The above plan illustrates the distribution of functions so that the sculptural form, which helps make the scheme acceptable, is entirely authentic to and generated from the use and its different functions.



The breaking down of the form into parts was also aided by the inclusion of an office element seen here in the centre. It provides an active frontage to a building use which could have been blank. The richly landscape foreground also helps to integrate the use into the street-scape and sets a high quality precedent for future regenerative development for the area, in the future.



This detailed image of the landscaping indicates the quality of the intention to soften the effect of the development onto both the road and the riverside.