

Project Title: Boorley Green, Southampton

Project No/ Document Reference: A170-TN21A v1

Date: 29 July 2024

BOORLEY GREEN VISTRY PARCELS: CONDITION 45 - HIGHWAYS

Condition 45 of DC/21/90358

Details of the type of construction proposed for the roads and footways within each phase of development including all relevant horizontal cross sections and longitudinal sections showing the existing and proposed levels together with details of street lighting and the method of disposing of surface water and details of the programme of implementation for the making up of the roads and footways must be submitted to and approved by the Local Planning Authority in writing before development of that phase commences. Each phase of the development shall not be carried out otherwise than in accordance with the approved details.

Designer's Response

ALP were appointed by Vistry to undertake the detailed design of a number of their Parcels within the eastern half of the Boorley Green development and drawing packs have been produced based on the site layouts used for planning for the parcels as listed below:

Parcel B4 (originally Linden)

Parcel B5 (originally Linden)

Parcel B6 (originally Linden)

Parcel C3/C7 (originally Bovis and these Parcels were combined as one design)

Parcel C4 (originally Bovis)

The design of the above Parcels were initially undertaken between August 2018 and January 2020, and the carriageway and footway elements were prepared based on a combination of designs that were used on other approved schemes within Hampshire at the time and references to relevant HCC Standard Details.

The proposed street lighting was prepared in accordance with the relevant HCC Design Guidance with lux levels provided to achieve the minimum levels specified. Parcel C3/C7 is split by Turnberry Close, which is a Shared Infrastructure Road and the design for this was undertaken by another Consultant including the street lighting. For the Vistry Parcels, other than Parcel C3/C7, solar powered lighting was proposed and designs were undertaken by the manufacturer and provider Prolectric Services Ltd.



The details of the widths, visibility splays, street lighting, carriageway and footway makeup are provided within the drawing packs produced for each Parcel and the current drawing reference to the General Arrangement, Long Sections, Materials, Construction Details and Lighting Lux is provided below.

Please note that the drawings do make reference to the HCC Standard Details where applicable albeit the drawings refer to Series 10 of the HCC Details that were current at the time of the design however the current standards are now Series 11):

Parcel B6

A170-LIN-B6-101 C6 General Arrangement Sheet 1

A170-LIN-B6-102 C7 General Arrangement Sheet 2

A170-LIN-B6-151 C3 Long Sections Sheet 1

A170-LIN-B6-152 C3 Long Sections Sheet 2

A170-LIN-B6-701 C8 External Works Sheet 1

A170-LIN-B6-702 C9 External Works Sheet 2

A170-LIN-B6-751 C1 Construction Details

A170-LIN-B6-451 C7 Engineering and Drainage Layout

2019118 Rev F Boorley Green Parcel B6 Street Lighting

It is worth noting that all of these Parcels were not offered for adoption to HCC and will remain private and as such no associated S38 design and technical review process was undertaken by HCC.

The designs were undertaken/overseen by Simon Mason, an Associate at ALP with over 25 years' experience in Civil Engineering and holds a BSc (Hons) degree in Civil Engineering and is a Member of the Chartered Institute of Highways and Transportation.