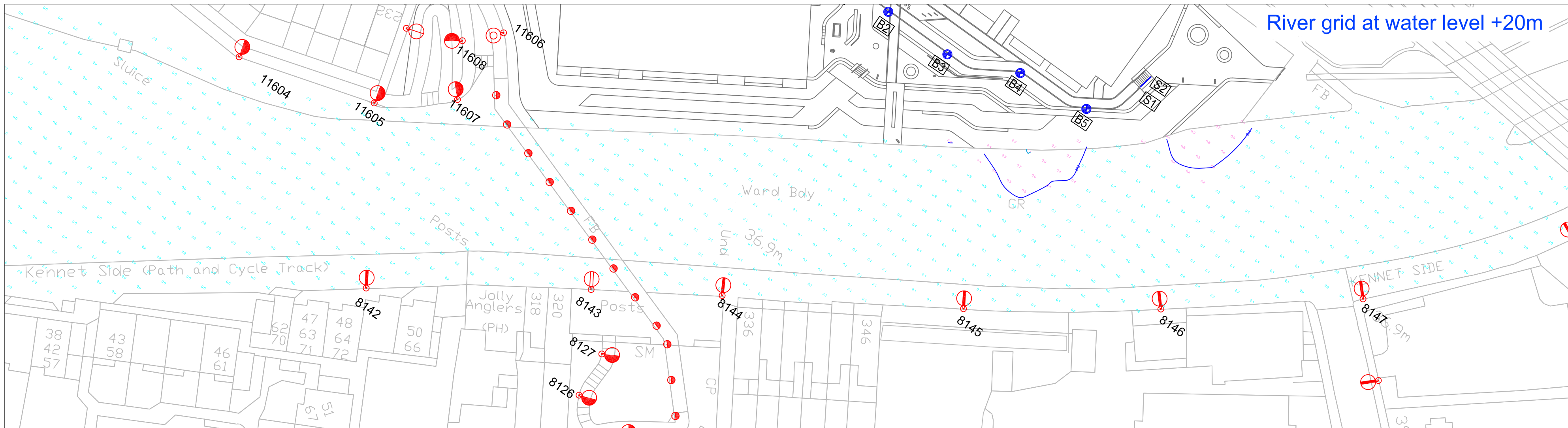
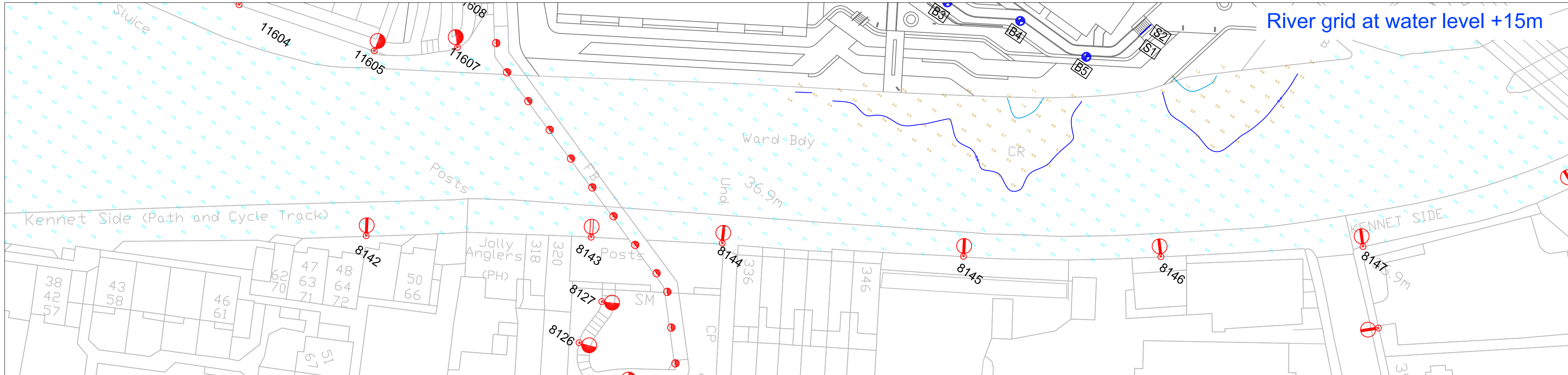
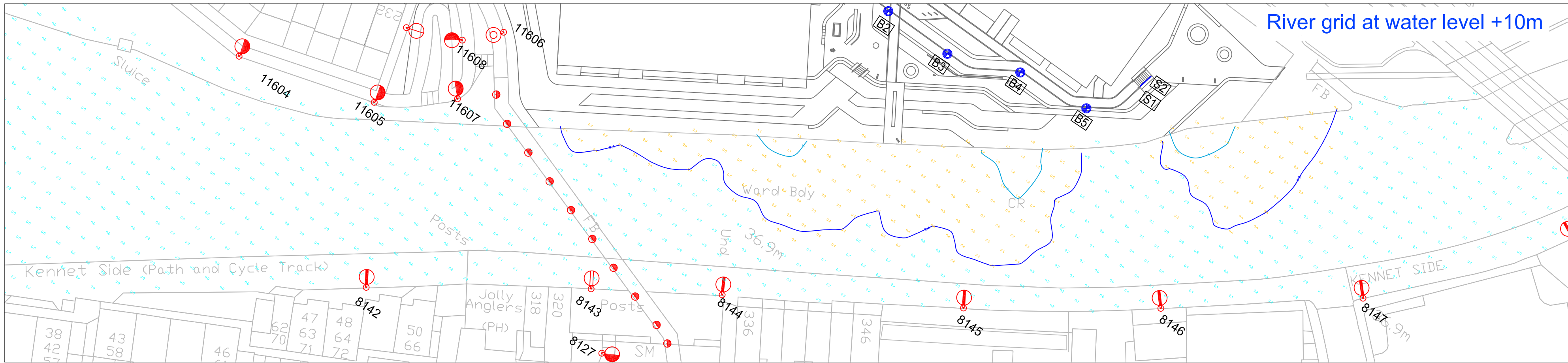
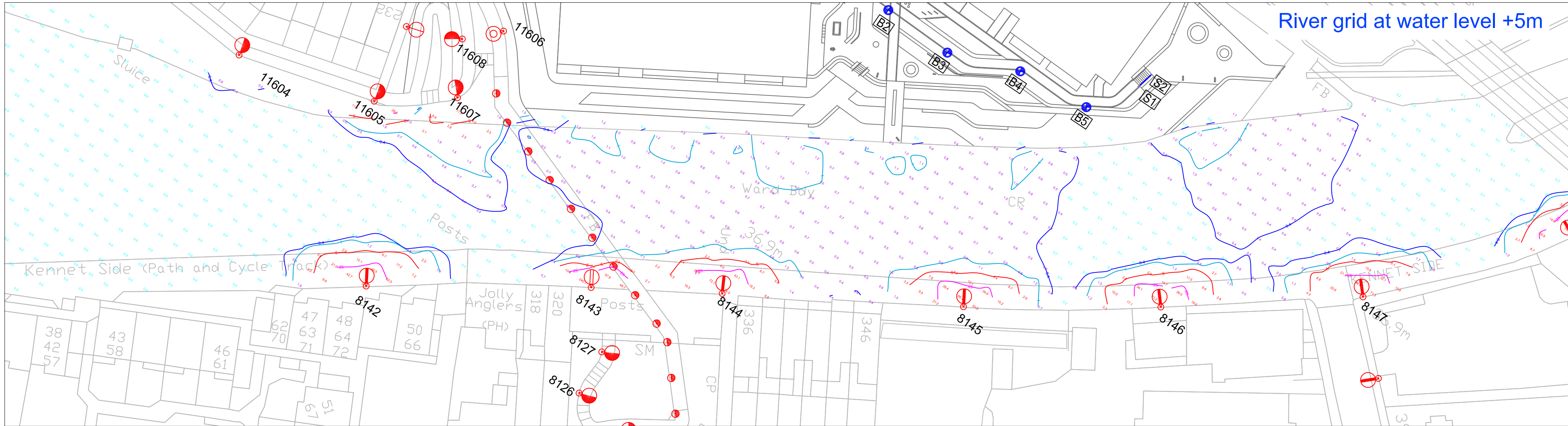




This drawing includes the light from the existing street lighting around the development, the proposed exterior lighting on the proposed development and light emitted from the rooms within the proposed building.

It does not take account of lumen depreciation of any light sources, the reduction in light as it passes through the windows, the impact of curtains, net curtains of reflected light within the buildings. The internal building lights have been modelled on an 800 lumen light source, the number of light sources is dependant on the size of the rooms

Notes

- In this instance the use of 3 dimensional masking has been used to take into consideration the actual position of high sided objects such as buildings and the like. Trees and shrubs etc have not been considered as their masking ability will vary with seasonal conditions.
- Iso contours produced in this drawing have been created using a conventional symmetrical grid. This does not take into account the spacing or weightings as detailed in BS5489 or BS EN 13201-3:2003.
- The water level in the river has been modelled at 35.31m above OS zero level. This data was gathered from the topographical survey.
- The ground level for the north side of the site has been modelled 38.45m above OS zero level.
- The ramps and footbridge have been models using data from the 3D survey, the height of the ramp and footbridge varies.

Key

- Existing 6m column with post mounted Urbis Axia with 24 cool white LED
- Existing 6m column with post mounted WRTL Stela wide with 18 no cool white LED
- Existing 5m column with post mounted Holophane VMX lantern with 16 no warm white LED
- Existing 5m column with post mounted Philips ME lantern and 70w SONT lamp
- Existing 5m column with post mounted Urbis Axia with 24 cool white LED
- Existing wall mounted wall packet lantern 70w SONT assumed
- DW Windsor Garda Hand rail, 2 no 1.2m section on free standing posts with 2700K LED to deliver 1400 lumens
- TRT Lighting VIA stainless steel bollard with ASY distribution CLO 2700K LED
- D W Windsor Sephora 450 Halo with 16 no 2700K LED- D1 lens- internal driver to deliver L90 CLO at 2750 lumens and photocell set to switch on at 35 lux
- Project column number

11606 Existing column number

- 25 lux iso-contour line
- 5.0 lux iso-contour line
- 1.0 lux iso-contour line
- 0.40 lux iso-contour line

A	Additional grids added above river, Ecology buffer landscaping included.	RSS / NWS	22.10.19
REV	DETAILS	APP / DWN	DATE

Drawing Number	Revision
2569-D-03	A

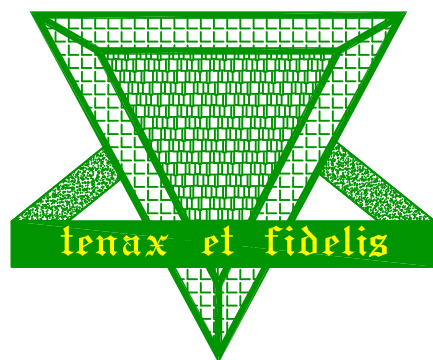
Client Danescroft

Project Land at SGN Gasholder No 4, Kenavon Drive, Reading RG1 3DH.

Drawing Title Proposed Illuminance at various Z heights above river Layout

Scale at A1 1:500	Sheet 2 of 2
Drawn NWS	Date 14.10.19

Nick Smith Associates Ltd



Tel: 01246 229444
Fax: 01246 270465
mail@nicksmithassociates.com
www.nicksmithassociates.com