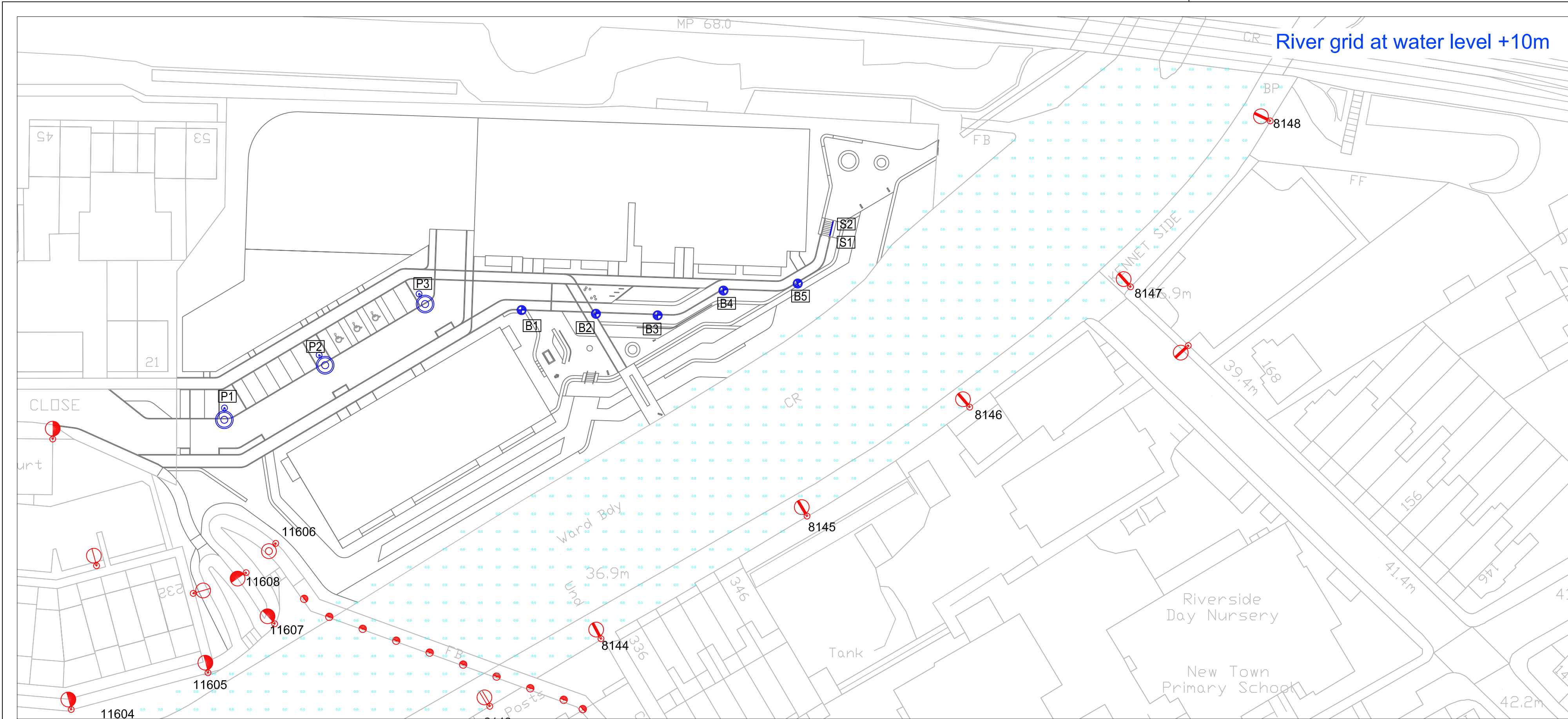
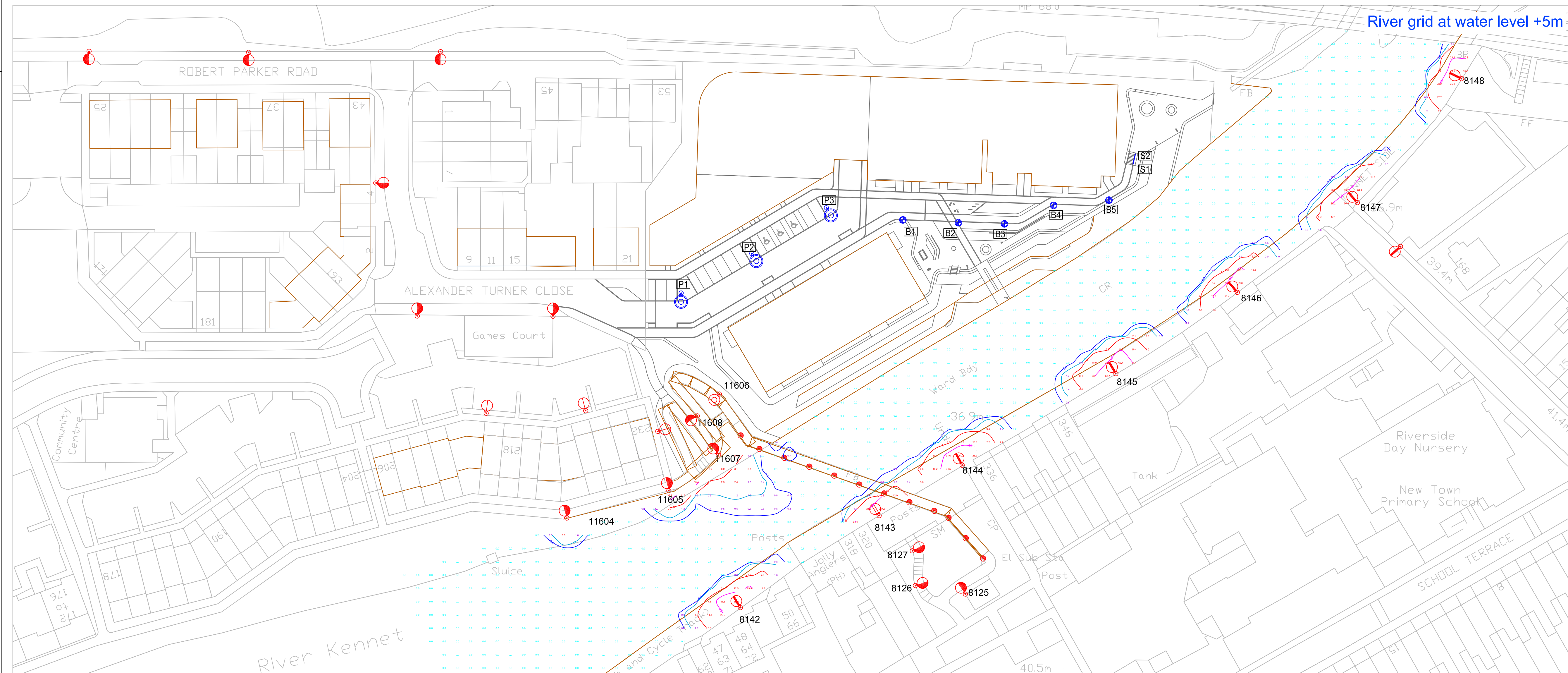




River grid at water level +5m
944 points at z=40, sp 3m by 3m
HORIZONTAL LUX
Average 2.2
Maximum 247.8
Minimum 0.0
MinAvg(Uo) 0.000
MinMax 0.000
Coef Var 5.233
UnitGrad N/A

River grid at water level +10m
944 points at z=45, sp 3m by 3m
HORIZONTAL LUX
Average 0.0
Maximum 0.1
Minimum 0.0
MinAvg(Uo) 0.000
MinMax 0.000
Coef Var 17.711
UnitGrad N/A

This drawing includes the light from the existing street lighting around the development, the proposed exterior lighting on the proposed development. The light emitted from the rooms within the proposed building has NOT been included.



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 steel bollard with ASY distribution CLO 2700K LED
- Proposed 5m steel column with TRT aspect Eco with 12 no 2700K LED- GA1 lens- internal driver to deliver L90 CLO at 2290 lumens and photocell set to switch on at 35 lux
- Project column number

11606 Existing column number

5.0 lux iso-contour line

1.0 lux iso-contour line

0.40 lux iso-contour line

A	Additional grids added at 5m and 10m above river levels	RSS	NWS	22.10.19
REV	DETAILS	APP	DWN	DATE

Drawing Number	Revision
2569-D-05	A

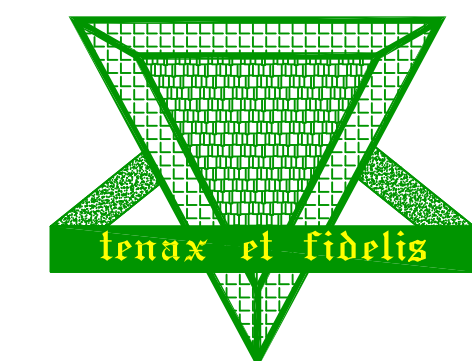
Client Danescroft

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

Drawing Title Proposed Exterior Lighting and Vertical Illuminance Layout

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

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