



**OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATION**

**4 No.**  
 Column: 5m tubular steel column (BS EN 4) B09407 (Style 2 dip) HSD13010) suitable for post-top mounted luminaire. Rationalsed wind loading factor for Oxfordshire as specified in PD547/2009 for design of lighting columns.  
 Fixing: 0.3m Stub Bracket  
 Luminaire: Highbay V-Max - Green RAL 6013  
 Lantern ref: VMX.L034.V1.D4E4.P11.RAL5011.C11.T1.C.LRT58.CL7.FL651  
 Lamp: 3000lm 3000K Colour temperature  
 Switch: One piece photocell Nema 7 pin type (Zodion Super 6) set at 35 / 18 Lux  
 Pre-set Dial drive to dim to 50% between 10:00pm to 6:00am

**PRIVATE AREAS (P)**

**19 No.**  
 Column: 5m tubular steel column (BS EN 4) B09407 (Style 2 dip) HSD13010) suitable for post-top mounted luminaire. Rationalsed wind loading factor for Oxfordshire as specified in PD547/2009 for design of lighting columns.  
 Fixing: 0.3m Stub Bracket  
 Luminaire: Highbay V-Max - Black RAL 9011  
 Lantern ref: VMX.L034.V1.D4E4.P11.RAL5011.C11.T1.C.LRT58.CL7.FL651  
 Lamp: 3000lm 3000K Colour temperature  
 Switch: One piece photocell Nema 7 pin type (Zodion Super 6) set at 35 / 18 Lux  
 Pre-set Dial drive to dim to 50% between 10:00pm to 6:00am

Note:  
 Where columns are situated in shared areas or in a position to have a vehicle strike, a Column Barrier protection system will be required. See OCC drawing HSD/12/304.  
 Columns to have a Column Barrier protection system. Final quantities to be agreed on site by OCC Engineer

**Column finish:** EPA Compliant Epoxy / Polyisoxane Amended Oxfordshire County Council Specification. I.e. Requirements for Lighting Columns, Bracket Arms & Doors (See Oxfordshire amended Appendix 19/3). Upper Additional overall coats to be applied in shop to a clean degreased, lightly abraded dry surface.  
**1st Coat:** Internal coat to 250mm above ground level & External overall Item 12 Item 121, Dacrylate 2 Pack Extended Cure Epoxy MIO, ref 90-270, Airtless Spray, Minimum Dry Film Thickness 100 microns.  
**2nd Coat:** External coat to 250mm above ground level Dacrylate Epicure 2 Glass Reinforced 2-Pack Epoxy, ref 79-489, Brush/Airtless Spray, Minimum Dry Film Thickness 200 microns.  
**3rd Coat:** External overall Dacrylate Dacsil 200 2-Pack Polyisoxane Finish RAL 6013 (or other specified colour.) 200 - line, Conventional Spray, Minimum Dry Film Thickness 75 microns.

**Additional notes:**  
 1) Columns to be sited at the rear of footpath and within adoptable area.  
 2) Positions are approximate. The Local Authority Engineer reserves the right to alter positions depending on site conditions.  
 3) All equipment shall comply with the Oxfordshire County Council General Technical Specification.  
 4) The Contractor shall obtain samples of the paint and technical Data Sheets from the Manufacturer prior to commencement of work.  
 5) In order to assist the developer, OCC will mark out all of the column positions.  
 6) All Street Lighting works must be carried out by a Highway Electrical Association Registered Contractor.  
 7) All columns to be numbered two metres from ground level.  
 8) Electrical Supply to Street Lighting Columns and Illuminated Signs are to be serviced / owned by the local Distribution Network Operator (i.e. Regional Electricity Company).  
 9) The "A file reference number" which is on the drawing, is to be quoted in all correspondence.  
 10) No trees are to be planted within ten metres of a column.  
 11) Columns in vulnerable positions to have a column barrier protection system see HSD/12/304.

NB: Touch up on site using 2 Pack points applied by brush will never offer the same appearance as that of a spray applied finish. For this reason every effort should be made to minimize handling / transportation damage.

Street Lighting to be adopted by OXFORDSHIRE COUNTY COUNCIL

Refer OCC Drawing: A4408c

**SURVEY INFORMATION**  
 MK Surveys - 01908 565561  
 DRG NUMBER: 17523 - Sheets 1-12  
 DATE RECEIVED: 17/12/2014

**ARCHITECT SITE PLAN INFORMATION**  
 PRP Architects - 020 7653 3464  
 DRG NUMBER: AA2699  
 DATE RECEIVED: 22/12/2015

**NOTES**

- All dimensions and levels are in metres unless otherwise noted
- This drawing is to be read in conjunction with the relevant Architect's/Engineer's drawings, specifications and CDM documentation
- This drawings has been produced electronically and may have been photo reduced or enlarged when copied. Work to figured dimensions only (DO NOT SCALE). All dimensions to be checked on site. Any errors or omissions to be reported to the engineer immediately.
- This drawing contains coloured lines / information that may not be clear if reproduced in black and white.

	Section 38 Carriageway
	Section 38 Verge
	Section 38 Footway
	Section 38 Service Margin
	Section 38 Works Boundary
	Phase 1 Spine Road Lighting Columns

Rev	Drawn by	Chk'd by	Comments	Date
C03	SNM	TST	S38 Light Specification amended to OCC Design Drawing: A4408c	30/03/17
C02	NJ	TST	Area of S38 verge added. Light column adjusted.	10/01/17
C01	NJ	TST	Issued for construction	14/07/16
P03	ATD	TST	Section 38 areas updated	20/06/16
P02	SNM	TST	Street Lighting Specification and Locations added	31/03/16
P01	NJ	TST	Initial issue	03/02/16

**DRAWING TITLE**  
 Section 38 Agreement Plan  
 Sheet 2/3

**PROJECT**  
 Phase 2  
 Bicester Eco Village  
 Bicester  
 Oxon

DESIGNED BY TST	DRAFTED BY NJ	APPROVED BY DJ
DATE 03/02/2016	STATUS <b>FOR CONSTRUCTION</b> SUBJECT TO TECHNICAL APPROVAL	
SCALE 1:250 @ A1	Scale Bar @ 1:250 0m 4.25m 12.5m	

**CLIENT**

JOB NUMBER 15-1859	DRAWING NUMBER 20-2	REVISION C03
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