

**OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATIONS**

**Column** 5m tubular steel column (BS EN 40) BD6407 (Style 4 drg HSD13015) suitable for side-entry mounted lantern. Rationalised wind loading factor for Oxfordshire as specified in PD5647:2009 for design of lighting columns

**Lantern** Holophane Factor LED Lantern Ref: FTFL034NRRAL6013TSZ - Green RAL 6013

**Lamp** LED c 3000lm with 4000K colour temperature

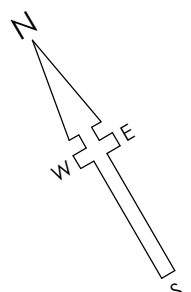
**Control** One piece mini photocell (Zodion) set at 55 Lux on 28 lux off

**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 step to a clean degreased, lightly abraded dry surface.  
**1<sup>st</sup> Coat:** Internal root to 250mm above ground level & External overall Item 12.1, Dacrylate 2 Pack Extended Cure Epoxy MIO, ref 90-270. Airless Spray, Minimum Dry Film Thickness 100 microns.  
**2<sup>nd</sup> Coat:** External root to 250mm above ground level Dacrylate Epitac 2 Glass Reinforced 2 Pack Epoxy, ref 79-469. Brush/Airless Spray, Minimum Dry Film Thickness 200 microns.  
**3<sup>rd</sup> Coat:** External overall Dacrylate Dacal 200 2-Pack Polyisoxane Finish RAL 6013 (or other specified colour.) 200 - line, Conventional Spray, Minimum Dry Film Thickness 75 microns.

- Additional notes:**
- Columns to be sited at the rear of footpath and within adoptable area.
  - Positions are approximate. The Local Authority Engineer reserves the right to alter positions depending on site conditions.
  - All equipment shall comply with the Oxfordshire County Council General Technical Specification.
  - The Contractor shall obtain samples of the paint and technical Data Sheets from the Manufacturers prior to commencement of work.
  - In order to assist the developer, the design Engineer will mark out all of the column positions.
  - All Street Lighting works must be carried out by Highway Electrical Association Registered Contractor.
  - All columns to be numbered two metres from ground level.
  - 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).
  - The 'A file reference number' which is on the drawing, is to be quoted in all correspondence.
  - No trees are to be planted within five metres of a column.

NB: Touch up on site using 2 Pack paints 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



**KERBING KEY**

HB2	- 125x255 HB2 kerb (125mm face)
BN	- 125x150 BN15 dropped (15mm face)
DK 0	- 125x150 BN15 dropped (0mm face)
EF	- 50x150 EF edging laid flush
T	- Dropper/transition kerb as required
CS	- square edged channel block
CS	- Blocks Butt Jointed together
mb	- Highway marker block
TB	- Timber bollard (OCC Approved)
GS	- Circle of Granite Setts

	Permeable Charcon Andover Stratford Infinta Colour - Silver Grey (refer to drg 11-1196-20 - Detail B)
	Permeable Charcon Woburn Rumble Infinta Colour - Rustic (refer to drg 11-1196-20 - Detail B)
	Permeable Charcon Andover Stratford Infinta Colour - Charcoal (refer to drg 11-1196-20 - Detail B)
	Permeable Charcon Infinta Colour - Grey (refer to drg 11-1196-21 - Detail A)
	Permeable Charcon Infinta Colour - Burnt Oker (refer to drg 11-1196-21 - Detail A)
	Impermeable Charcon Woburn Rumble Colour - Graphite (refer to drg 11-1196-21 - Detail B)
	Impermeable Masterlnt surfacing (with contrasting inset colour where noted on plans) (refer to drg 11-1196-20 - Detail A)
	Soft landscaping (refer to Hydr drawings)
	Ecodeck (refer to detail on drg 11-1196-20)
	Granite Setts (refer to detail on drg 11-1196-20)
	Impermeable blocks to be used within designated areas
	Proposed Service Margin
	Brass stud or equivalent to denote the edge of the service margin
	Proposed Limit of O.C.C. Section 38 adaption to be agreed
	Limit of Phase 1 works - Refer to Hydr drawings for details of Spine Road
	Sureset Recycled Glass 6mm Aggregate set within granite setts sunk into ground Colour A=Wild Lavender, Colour B=Pacific (refer to detail on drg 11-1196-20)
	Timber Bollard with reflective strip (OCC approved)
	Extent of concrete wall to service trench
	Drainage channel

**OCC Lighting Ref: A 4 2 3 6**  
 To be read in conjunction with drg 12-1196-07 Com 4



**WILLMOTT DIXON HOUSING**

REVIEWED

PRELIMINARY	STATUS
FOR COMMENT	A
FOR CONSTRUCTION	B
SIGNED <b>ND</b>	C
DATE <b>23.09.14</b>	

TITLE  
 Surface Finishes and Kerb Types  
 Sheet 3 of 4  
 Bicester Southfields Eco Village  
 Bicester  
 Oxon

DRAWING NUMBER  
 12-1196-04 Sheet 3 of 4 Rev C01



Rev	Drawn by	Chk'd by	Comments	Date	NOTES
P7	TST	DJ	Community Street 4 updated and spherical bollards replaced with timber	16/04/14	
P8	NJ	TST	Amended in accordance with Willmott Dixon Housing amendments (June 2014)	20/06/14	
P9	NJ	TST	Amended in accordance with Willmott Dixon Housing amendments (July 2014)	21/07/14	
C01	NJ	TST	Issued for construction	23/09/14	

- 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 drawing 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.

**Note**  
**Lighting Column Installation**  
 All columns must be installed within 1 metre of the design position on the lighting layout drawing, otherwise the lighting performance will be impaired.  
**Landscaping and Planting**  
 Landscaping or planting around the column must be kept at a low level to avoid obstructing the luminaire and must be suitably maintained to avoid any future obstruction that may occur from the long term growth of plants. No account is taken for the blocking effect caused by buildings, trees etc.

DATE 10/01/2013  
 DESIGNED BY TST  
 SCALE 1:200 @ A1  
 STATUS **CONSTRUCTION**



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