

**OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATIONS**

**Column** 5m tubular steel column (BS EN 40) 609407 (Style 4 drg HSD/13015) suitable for safety mounted lantern. Rationalised wind loading factor for Oxfordshire as specified in PD0647 2009 for design of lighting columns

**Lantern** Holophane Factor LED Lantern Ref. FTFL034NRAL6013TSZ - 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

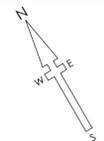
**Column finish** EPA Compliant Epoxy / Polyisoxane Amended Oxfordshire County Council Specification

1<sup>st</sup> Coat: Internal root to 250mm above ground level & External overall  
 Item 121, Dacrylate 2 Pack Extended Cure Epoxy W/O, ref 95/270. Airless Spray, Minimum Dry Film Thickness 100 microns  
 2<sup>nd</sup> Coat: External root to 250mm above ground level  
 Dacrylate Epoxide 2 Glass Reinforced 2 Pack Epoxy, ref 79-489. Brush/Airless Spray. Minimum Dry Film Thickness 200 microns  
 3<sup>rd</sup> 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**
- 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)	Permeable Charcoal Andover Stratford Infilla Colour - Silver Grey (refer to drg 11-1196-20 - Detail B)
BN - 125x150 BN15 dropped (15mm face)	Permeable Charcoal Woburn Rumble Infilla Colour - Rustic (refer to drg 11-1196-20 - Detail B)
DK 0 - 125x150 BN15 dropped (0mm face)	Permeable Charcoal Andover Stratford Infilla Colour - Charcoal (refer to drg 11-1196-20 - Detail A)
T - 50x150 EF edging laid flush	Permeable Charcoal Infilla Colour - Grey (refer to drg 11-1196-21 - Detail A)
D - Dropper/Infillation kerb as required	Permeable Charcoal Infilla Colour - Burnt Oker (refer to drg 11-1196-21 - Detail A)
CS - square edged channel block	Impermeable Charcoal Woburn Rumble Colour - Graphite (refer to drg 11-1196-21 - Detail B)
BJ - Blocks Butt Jointed together	Impermeable Natratex surfacing (with contrasting inset colour where noted on plans) (refer to drg 11-1196-20 - Detail A)
mb - Highway marker block	Soft landscaping (refer to Hyder drawings)
TB - Timber Bollard (OCC Approved)	Ecadeck (refer to detail on drg 11-1196-20)
CS - Circle of Granite Setts	Granite Setts (refer to detail on drg 11-1196-20)
SC - Stretcher Course	Impermeable Blocks to be used within designated areas
	Proposed Service Margin
	Resin bond gravel
	Brass stud or equivalent to denote the edge of the service margin
	Proposed Limit of O.C.C. Section 38 adoption To be agreed
	Limit of Phase 1 works - Refer to Hyder 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)
	TB 88 - 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 1 & Com 2

**WILLMOTT DIXON HOUSING**

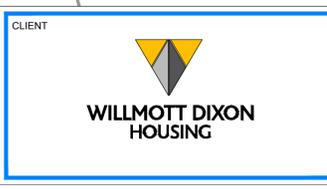
REVIEWED

PRELIMINARY	STATUS
FOR COMMENT	A
FOR CONSTRUCTION	B
SIGNED	C

DATE

**Surface Finishes and Kerb Types**  
 Sheet 1 of 4  
 Bicester Southfields Eco Village  
 Bicester  
 Oxon

DRAWING NUMBER  
 12-1196-04 Sheet 1 of 4 Rev C05



Rev	Drawn by	Chk'd by	Comments	Date
C02	NJ	TST	Bollard added as shown to prevent vehicles accessing footway	03/11/14
C03	SNN	TST	Kerb types added to Parking areas & Driveways	27/02/15
C04	NJ	TST	Stepping stone walkway amended following design team consultation	03/06/15
C05	NJ	TST	Key amended, refer to clouded area	02/07/15

- 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.

**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

SCALE  
 1:200 @ A1

STATUS  
**CONSTRUCTION**

DESIGNED BY  
 TST

0m 5m 10m  
 scale bar @ 1:200

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