

OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATIONS

- Column** 5m tubular steel column (BS EN 40) BD9407 (Style 4 drg HSD130/15) suitable for side-entry mounted lantern. Rationalised wind loading factor for Oxfordshire as specified in PD05:47/2009 for design of lighting columns
- Lantern** Holophane Factor LED Lantern Ref: FTRL034NRRAL6013TSZ - Green RAL 6013
- Lamp** LED < 3000lm with 4000K colour temperature
- Control** One piece mini photocell (Zodion) set at 55 Lux on 28 lux off
- Column finish** EPA Compliant Epoxy / Polyurethane Amended Oxfordshire County Council Specification
- 1st Coat:** Internal root to 250mm above ground level & External overall Item 121: Dacrylate 2 Pack Extended Cure Epoxy MIO, ref 50-270. Airless Spray. Minimum Dry Film Thickness 100 microns
- 2nd Coat:** External root to 250mm above ground level Dacrylate Epoxide 2 Pack Reinforced 2 Pack Epoxy, ref 79-489. Brush/Airless Spray. Minimum Dry Film Thickness 200 microns
- 3rd Coat:** External overall Dacrylate Daczel 200 2-Pack Polyurethane 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 Distributor 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.

KERBING KEY

H82	- 125x255 H82 kerb (125mm face)	Permeable Charcoal Andover Stratford Infiltra Colour - Silver Grey (refer to drg 11-1196-20 - Detail B)
BN	- 125x150 BN15 dropped (15mm face)	Permeable Charcoal Woburn Rumble Infiltra Colour - Rustic (refer to drg 11-1196-20 - Detail B)
EF	- 50x150 EF edging laid flush	Permeable Charcoal Andover Stratford Infiltra Colour - Charcoal (refer to drg 11-1196-20 - Detail B)
T	- Dropper/Transition kerb as required	Permeable Charcoal Infiltra Colour - Rustic (refer to drg 11-1196-20 - Detail A)
CS	- square edged channel block	Permeable Charcoal Infiltra Colour - Burnt Oker (refer to drg 11-1196-20 - Detail A)
BJ	- Blocks Butt Jointed together	Impermeable Charcoal Woburn Rumble Colour - Graphite (refer to drg 11-1196-20 - Detail B)
mb	- Highway marker block	Impermeable Masterfint surfacing (with contrasting inset colour where noted on plans) (refer to drg 11-1196-20 - Detail A)
TB	- Timber Bollard (OCC Approved)	Soft Landscaping (refer to Hyder drawings)
GS	- Circle of Granite Sets	Ecodeck (refer to detail on drg 11-1196-20)
		Granite Sets (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 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 sets 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

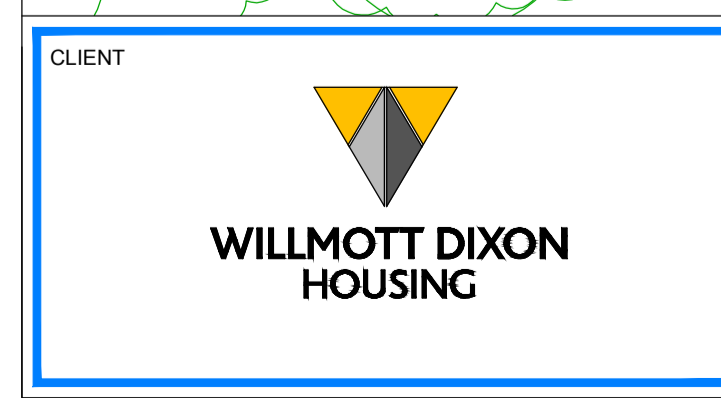
OCC Lighting Ref: A 4 2 3 6
To be read in conjunction with drg 12-1196-07 Com 5

WILLMOTT DIXON HOUSING REVIEWED

PRELIMINARY	STATUS
FOR COMMENT	A
FOR CONSTRUCTION	B
SIGNED ND	C
DATE 10.11.14	

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

DRAWING NUMBER
12-1196-04 Sheet 4 of 4 Rev C02



Rev	Drawn by	CHK'd by	Comments	Date	NOTES
P7	NJ	TST	Amended in accordance with Willmott Dixon Housing amendments (June 2014)	20/06/14	
P8	NJ	TST	Amended in accordance with Willmott Dixon Housing amendments (July 2014)	21/07/14	
C01	NJ	TST	Issued for construction	23/09/14	
C02	NJ	TST	Community street 5 service crossings relocated	08/11/14	

- 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 figure 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**

INFRASTRUCT CS LTD
Consulting Civil and Structural Engineers

26A High Street, Eynsham, Oxford, OX29 4HB
Tel: 01865 880909
Email: info@infrastructcs.co.uk
Web: www.infrastructcs.co.uk