

OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATIONS

- Column** 5m tubular steel column (BS EN 40) BD9407 (Style 4 drg HSD13015) suitable for side-entry mounted lantern. Rationalised wind loading factor for Oxfordshire as specified in PD0547:2009 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.

Street Lighting to be adopted by OXFORDSHIRE COUNTY COUNCIL

KERBING KEY

HB2	125x255 HB2 kerbs (125mm face)	Permeable Charcon Andover Stratford Infilla Colour - Silver Grey (refer to drg 11-1196-20 - Detail B)
BN	125x150 BN1515 dropped (15mm face)	Permeable Charcon Woburn Rumble Infilla Colour - Rustic (refer to drg 11-1196-20 - Detail B)
DK 0	125x150 BN1515 dropped (0mm face)	Permeable Charcon Andover Stratford Infilla Colour - Charcoal (refer to drg 11-1196-20 - Detail B)
EF	50x150 EF edging laid flush	Permeable Charcon Infilla Colour - Grey (refer to drg 11-1196-21 - Detail A)
T	Dropper/Transition kerbs as required	Permeable Charcon Infilla Colour - Burnt Oker (refer to drg 11-1196-21 - Detail A)
CS	square edged channel block	Impermeable Charcon Woburn Rumble Colour - Graphite (refer to drg 11-1196-21 - Detail B)
BJ	Blocks Butt Jointed together	Impermeable Natrotex 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)	Ecodeck (refer to detail on drg 11-1196-20)
GS	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
		Sunset 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 Timber Bollard with reflective strip (OCC approved)
		Extent of concrete wall to service trench
		Drainage channel

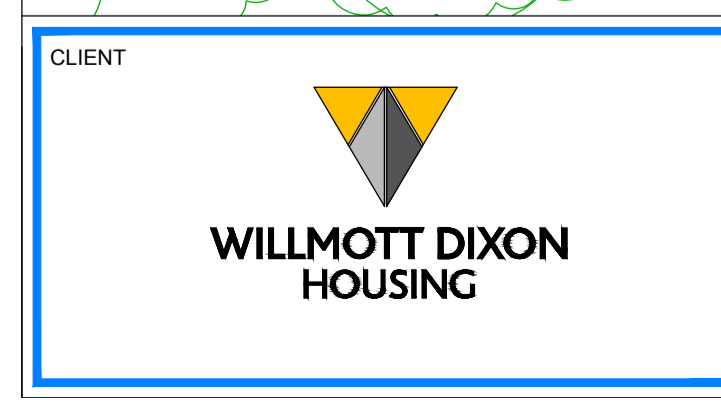
To be read in conjunction with drg 12-1196-07 Com 1 & Com 2
OCC Lighting Ref: A 4 2 3 6

WILLMOTT DIXON HOUSING
REVIEWED

PRELIMINARY	STATUS
FOR COMMENT	A
FOR CONSTRUCTION	B
SIGNED ND	C
DATE 16.10.15	

TITLE
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 C06



Rev	Drawn by	CHK'd by	Comments	Date	C06	ATD	TST	Kerb types updated	29/09/15
C02	NJ	TST	Community street 5 service crossings relocated	08/11/14					
C03	SNN	TST	Kerb types added to Parking areas a Driveways	27/02/15					
C04	SNN	TST	Rear patios updated to parcel 1	12/06/15					
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 laminaire 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
SCALE 0m 5m 10m
scale bar @ 1:200

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