

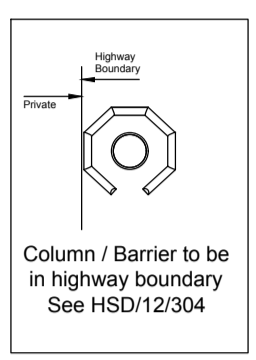
Sheet Arrangement (1:2500)

OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATION

4 No. 5m tubular steel column (BS EN 4) B09407 (Style 2 dip HSD131010) suitable for post-top mounted luminaire. Fabricated wind loading factor for Oxfordshire as specified in P0547.2009 for design of lighting columns.
Fitting 0.3m Sub Bracket
Luminaire Holografix V-Max - Green RAL 6013
Lamp VAX.L034.VI.D404.PT1.RAL6013.C11111.C.LRT58.CL7.FL651
Switch 3000lm 3000K Colour temperature
 One pre-set photo cell / sensor (Zodan 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. 5m tubular steel column (BS EN 4) B09407 (Style 2 dip HSD131010) suitable for post-top mounted luminaire. Fabricated wind loading factor for Oxfordshire as specified in P0547.2009 for design of lighting columns.
Fitting 0.3m Sub Bracket
Luminaire Holografix V-Max - Black RAL 9011
Lamp VAX.L034.VI.D404.PT1.RAL9011.C11111.C.LRT58.CL7.FL651
Switch 3000lm 3000K Colour temperature
 One pre-set photo cell / sensor (Zodan 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 Epilogic 2 Glass Reinforced 2-Pack Epoxy, ref 79-489, Brush/Airtless Spray, Minimum Dry Film Thickness 200 microns.
3rd Coat: External overall Dacrylate Dacil 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, OCC will mark out all of the column positions.
 - All Street Lighting works must be carried out by a 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 ten metres of a column.
 - Columns in vulnerable positions to have a column barrier protection system see HSD/12/304.

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

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: AL6157C-3000/3100
 DATE RECEIVED: 06/12/2016

- 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.

DESIGNERS CDM NOTE - RESIDUAL RISKS NOT IDENTIFIED

The design Engineer(s) have assessed this design as the scheme has been developed in order to identify if there are any residual risk hazards (i.e. unusual, unexpected, abnormal or difficult).

No residual risks have been identified for this scheme and therefore no entries were added to the risk register.

This statement assumes that a competent Contractor with the appropriate qualified staff will be employed for the works, and that they will be familiar with site wide construction risks and hazards that they can reasonably be expected to encounter as part of their work.

Kerb Ref	Type	Dimensions	Notes
BN50	BN	125x255	50mm upstand eg shared access kerb edge
BN	BN	125x255	15mm upstand eg vehicle crossover dropped kerb
BN6	BN	125x255	0-6m upstand eg dropped kerbing to dwelling primary access crossover
BN0	BN	125x255	Flush kerb laid with slight fall to channel; kerb laid upside down where permitted or CS2 alternative
CS0	CS2	150x150	Flush kerb laid with slight fall to channel eg Pedestrian crossing
EF	EF	50x150	Square edged path edging laid flush unless otherwise stated
Dr	-	125x255/150	Dropper kerb either left or right drop as required

	Marshalls Myriad Piora 200 x 200 x 80mm
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	Marshalls Renaissance 450 x 450 x 50mm to private footpaths, Marshalls Penriven 600 x 600 x 38mm to private rear gardens.
	Self Binding Gravel. To Communal Allotments
	Section 38 footway
	Section 38 carriageway
	Grasscrete access
	Phase 1 Section 38 works - Refer to Hyder drawings
	River corridor - Refer to Hyder/PRP Architects drawings for details
	Section 38 Permeable Block paving carriageway
	Full Depth Footway Construction Refer to Detail A - (ICS 15-1859-10)
	Carriageway surfacing - Refer to Detail B (15-1859-10)

Rev	Drawn by	Chk'd by	Comments	Date
C09	NJ	TST	Footway construction & road surfacing extents added	16/05/17
C08	SNN	RJW	Street Lighting amended to client comments	20/04/17
C07	NJ	TST	Column 3 relocated, light spill protection added and kerbing to SS amended	24/01/17
C06	NJ	TST	Hatch order amended	09/01/17
C05	NJ	TST	Kerb types amended. Refer to clouded areas	02/12/16
C04	SNN	TST	BN25 Kerb ref. amended to BN with 15mm upstand	04/11/16

DRAWING TITLE
 Surface Finishes & Kerb Type Plan
 Sheet 1/4

PROJECT
 Phase 2
 Bicester Eco Village
 Bicester
 Oxon

DESIGNED BY TST	DRAFTED BY NJ	APPROVED BY DJ
DATE 05/02/2016	STATUS CONSTRUCTION	
SCALE 1:250 @ A1	Scale bar @ 1:250 0m 4.25m 12.5m	

CLIENT		
JOB NUMBER 15-1859	DRAWING NUMBER 04-1	REVISION C09