

OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATION

4 No. 5m tubular steel column (BS EN 4) B09407 (Style 2 dig HSD/13010) suitable for post-top mounted lantern. Rationalised wind loading factor for Oxfordshire as specified in P0547/2009 for design of lighting columns.
Fitting 0.3m Stub Bracket
Lantern Halophore V Max - Green RAL 6013
Lantern ref WXL034 V1 D4E4 P11 RAL5013 C11 T1 C LRT58 CL7 FL651
Lamp 3000m 3000K Colour temperature
Switch One piece photostart Nema 7 pin type (Zodion Super 8) 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 dig HSD/13010) suitable for post-top mounted lantern. Rationalised wind loading factor for Oxfordshire as specified in P0547/2009 for design of lighting columns.
Fitting 0.3m Stub Bracket
Lantern Halophore V Max - Black RAL 9011
Lantern ref WXL034 V1 D4E4 P11 RAL5011 C11 T1 C LRT58 CL7 FL651
Lamp 3000m 3000K Colour temperature
Switch One piece photostart Nema 7 pin type (Zodion Super 8) 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 roof to 250mm above ground level & External overall Item 12 Item 121. Dacrylate 2 Pack Extended Cure Epoxy MIO, ref 90-270. Airless Spray, Minimum Dry Film Thickness 100 microns.
- 2nd Coat:** External roof to 250mm above ground level Dacrylate Epidiac 2 Glass Reinforced 2-Pack Epoxy, ref 79-489. Brush/Airless Spray, Minimum Dry Film Thickness 200 microns.
- 3rd 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 adaptable 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: AA2699
 DATE RECEIVED: 22/12/2015

- 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.

	Section 38 Carriageway
	Section 38 Verge
	Section 38 Footway
	Section 38 Service Margin
	Section 38 Works Boundary
24	Phase 1 Spine Road Lighting Columns

Rev	Drawn by	CHK'd by	Comments	Date
C02	SNN	TST	Section 38 areas updated as OCC comments	25/03/17
C01	ATD	TST	Issued for construction	21/06/16
P04	ATD	TST	Section 38 areas updated	21/06/16
P03	SNN	TST	Street Lighting Specification and Locations added	31/03/16
P02	NJ	TST	Splay improved by re-aligning landscape area by plot 280	05/02/16
P01	NJ	TST	Initial issue	03/02/16

DRAWING TITLE
 Section 38 Agreement Plan
 Sheet 1/3



PROJECT
 Phase 2
 Bicester Eco Village
 Bicester
 Oxon

DESIGNED BY: TST
 DRAFTED BY: NJ
 APPROVED BY: DJ

DATE: 03/02/2016
 STATUS: **CONSTRUCTION**

SCALE: 1:250 @ A1
 Scale bar @ 1:250
 0m 4.25m 12.5m

CLIENT

JOB NUMBER: 15-1859
 DRAWING NUMBER: 20-1
 REVISION: C02