

OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATIONS

Column 6m tubular steel column (BS EN 40) BD94/07 (Style 4 drg HSD/13/015) suitable for side-entry mounted lantern. Rationalised wind loading factor for Oxfordshire as specified in PD6547:2009 for design of lighting columns
←6 No.

Lantern Holophane Factor LED Lantern Ref: FTR.L064.AY.RAL6013.TSZA.SE34.CL7.LRT56.F510-Green RAL 6013

Lamp LED c 6000lm with 4000K colour temperature
Control One piece mini photocell (Zodion SS12X) set at 55 Lux on 28 lux off
 Pre-set to dim to 50% between 12am to 6am

Column 5m tubular steel column (BS EN 40) BD94/07 (Style 4 drg HSD/13/015) suitable for side-entry mounted lantern. Rationalised wind loading factor for Oxfordshire as specified in PD6547:2009 for design of lighting columns
←37 No.

Lantern Holophane Factor LED Lantern Ref: FTS.L024.AY.RAL6013.TSZA.SE34.CL7.LRT56.F510-Green RAL 6013

Lamp LED c 2000lm with 4000K colour temperature
Control One piece mini photocell (Zodion SS12X) set at 55 Lux on 28 lux off
 Pre-set to dim to 50% between 12am to 6am

Column finish **EPA Compliant Epoxy / Polysiloxane 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 root to 250mm above ground level & External overall**
 Item 121, Dacrylate 2 Pack Extended Cure Epoxy MIO, ref 90-270. Airless Spray, Minimum Dry Film Thickness 100 microns.

2nd Coat: **External root to 250mm above ground level**
 Dacrylate Epidac 2 Glass Reinforced 2-Pack Epoxy, ref 79-489. Brush/Airless Spray, Minimum Dry Film Thickness 200 microns.

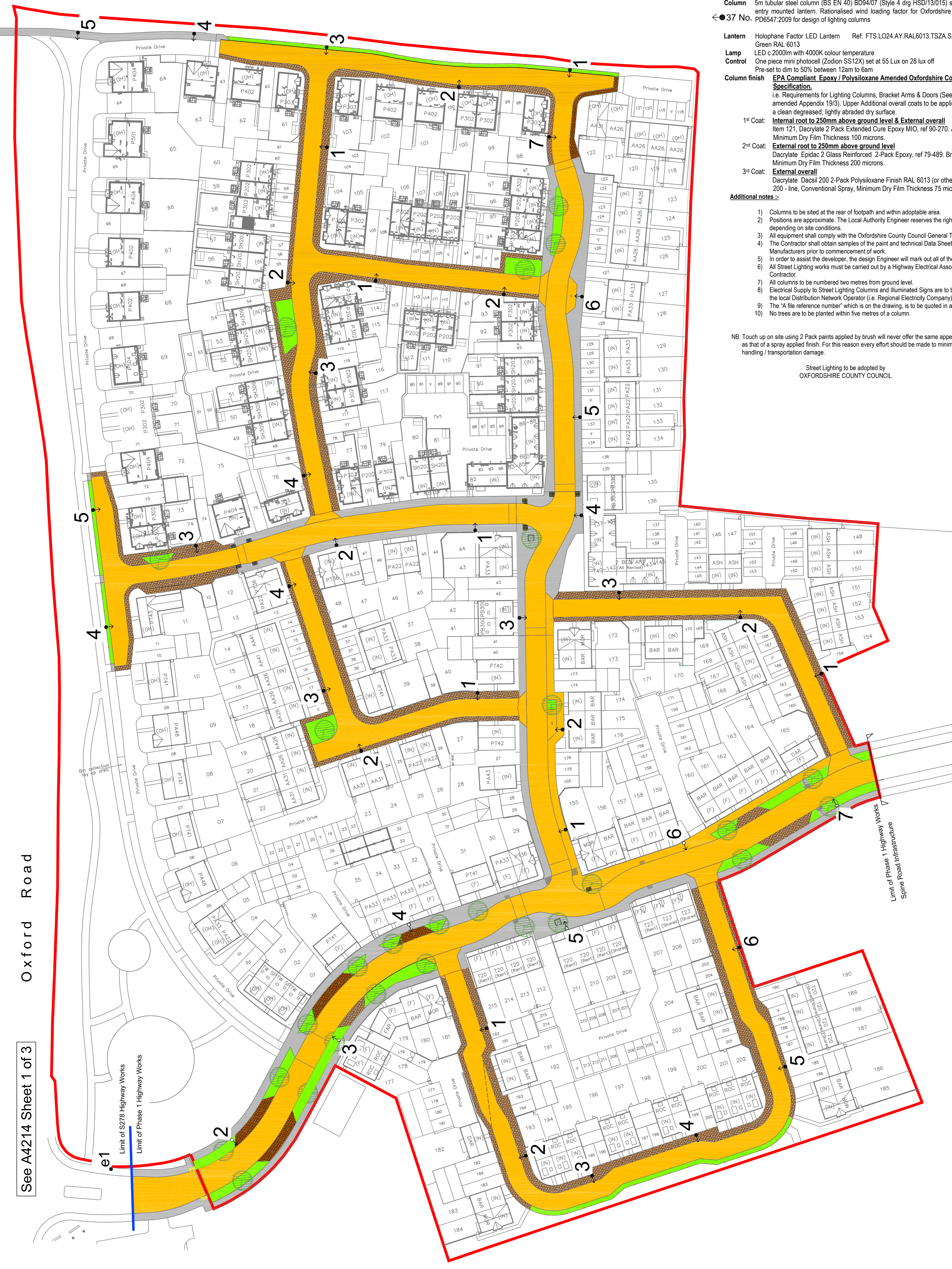
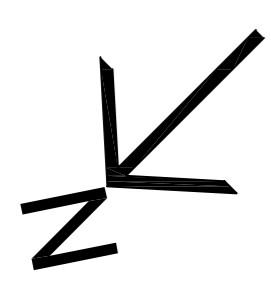
3rd Coat: **External overall**
 Dacrylate Dacsil 200 2-Pack Polysiloxane Finish RAL 6013 (or other specified colour.) 200 - line, Conventional Spray, Minimum Dry Film Thickness 75 microns.

Additional notes:

- 1) Columns to be sited at the rear of footpath and within adoptable area.
- 2) Positions are approximate. The Local Authority Engineer reserves the right to alter positions depending on site conditions.
- 3) All equipment shall comply with the Oxfordshire County Council General Technical Specification.
- 4) The Contractor shall obtain samples of the paint and technical Data Sheets from the Manufacturers prior to commencement of work.
- 5) In order to assist the developer, the design Engineer will mark out all of the column positions.
- 6) All Street Lighting works must be carried out by a Highway Electrical Association Registered Contractor.
- 7) All columns to be numbered two metres from ground level.
- 8) 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).
- 9) The "A" file reference number which is on the drawing, is to be quoted in all correspondence.
- 10) 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




Oxford Road

See A4214 Sheet 1 of 3

Limit of S278 Highway Works
 Limit of Phase 1 Highway Works

Limit of Phase 1 Highway Works
 Spine Road Infrastructure

Notes	Amendments	Date	Sue Scane Director of E & E Environment & Economy Oxfordshire County Council Speedwell House Speedwell Street Oxford OX1 1NE	Scale 1:500 (at A1)	Initial	Date
					Drawn	DH 04.14
					Traced	DAB 04.14
					Checked	TP 04.14
Drawing No.				A 4 2 8 8		
				Bodicote Longford Park Phase 1 Street Lighting Section 38 Barratt Homes, Bovis Homes & Taylor Winpey		
				 OXFORDSHIRE COUNTY COUNCIL www.oxfordshire.gov.uk		