

OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATIONS

- ←●8 No.**
- Column** 5m tubular steel column (BS EN 40) BD94/07 (Style 2 drg HSD/13/010) suitable for post-top mounted lantern. Rationalised wind loading factor for Oxfordshire as specified in PD6547:2009 for design of lighting columns
 - Bracket** Post top mounted at 0° uplift
 - Lantern** LED Roadway lighting NXT series small – Green RAL 6013
 - Lantern ref** NXT-12S-0-6-2ES-3-RAL6013-3-CE-X-2H
 - Lamp** 12 Watt LED 350mA 4000K Colour temperature
 - Switch** One piece photocell Nema 7 pin type (Zodion Super 6) set at 35 / 18 Lux
Pre-set to dim to 50% between 10:00pm to 6:00am
- ←○2 No.**
- Column** 5m tubular steel column (BS EN 40) BD94/07 (Style 2 drg HSD/13/010) suitable for post-top mounted lantern. Rationalised wind loading factor for Oxfordshire as specified in PD6547:2009 for design of lighting columns
 - Bracket** Post top mounted at 0° uplift
 - Lantern** LED Roadway lighting NXT series small – Green RAL 6013
 - Lantern ref** NXT-12S-0-6-2ES-3-RAL6013-3-CE-X-2H
 - Lamp** 12 Watt LED 350mA 4000K Colour temperature
 - Switch** One piece photocell Nema 7 pin type (Zodion Super 6) set at 35 / 18 Lux
Pre-set to dim to 50% between 10:00pm to 6:00am

Private Areas

- ←●3 No.**
- Column** 5m tubular steel column (BS EN 40) BD94/07 (Style 2 drg HSD/13/010) suitable for post-top mounted lantern. Rationalised wind loading factor for Oxfordshire as specified in PD6547:2009 for design of lighting columns
 - Bracket** Post top mounted at 0° uplift
 - Lantern** LED Roadway lighting NXT series small – Black RAL 9011
 - Lantern ref** NXT-12S-0-6-4AH-3-RAL9011-3-CE-X-2H
 - Lamp** 12 Watt LED 350mA 4000K Colour temperature
 - Switch** One piece photocell Nema 7 pin type (Zodion Super 6) set at 35 / 18 Lux
Pre-set to dim to 50% between 10:00pm to 6:00am
- ←●4 No.**
- Column** 5m tubular steel column (BS EN 40) BD94/07 (Style 2 drg HSD/13/010) suitable for post-top mounted lantern. Rationalised wind loading factor for Oxfordshire as specified in PD6547:2009 for design of lighting columns
 - Bracket** Post top mounted at 0° uplift
 - Lantern** LED Roadway lighting NXT series small – Black RAL 9011
 - Lantern ref** NXT-12S-0-6-2ES-3-RAL9011-3-CE-X-2H
 - Lamp** 12 Watt LED 350mA 4000K Colour temperature
 - Switch** One piece photocell Nema 7 pin type (Zodion Super 6) set at 35 / 18 Lux
Pre-set to dim to 50% between 10:00pm to 6:00am

2 Columns to have a column barrier protection system
final quantities to be agreed on site by OCC Engineer

Note :-
Columns and lanterns in private areas to be black RAL 9011

Note :-
Where Columns are situated in shared areas or in a position to have a vehicle strike then a column barrier protection system will be required. See drawing HSD/12/304
Please see drawing showing initial proposed columns, final quantities to be agreed on site by OCC Engineer

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.

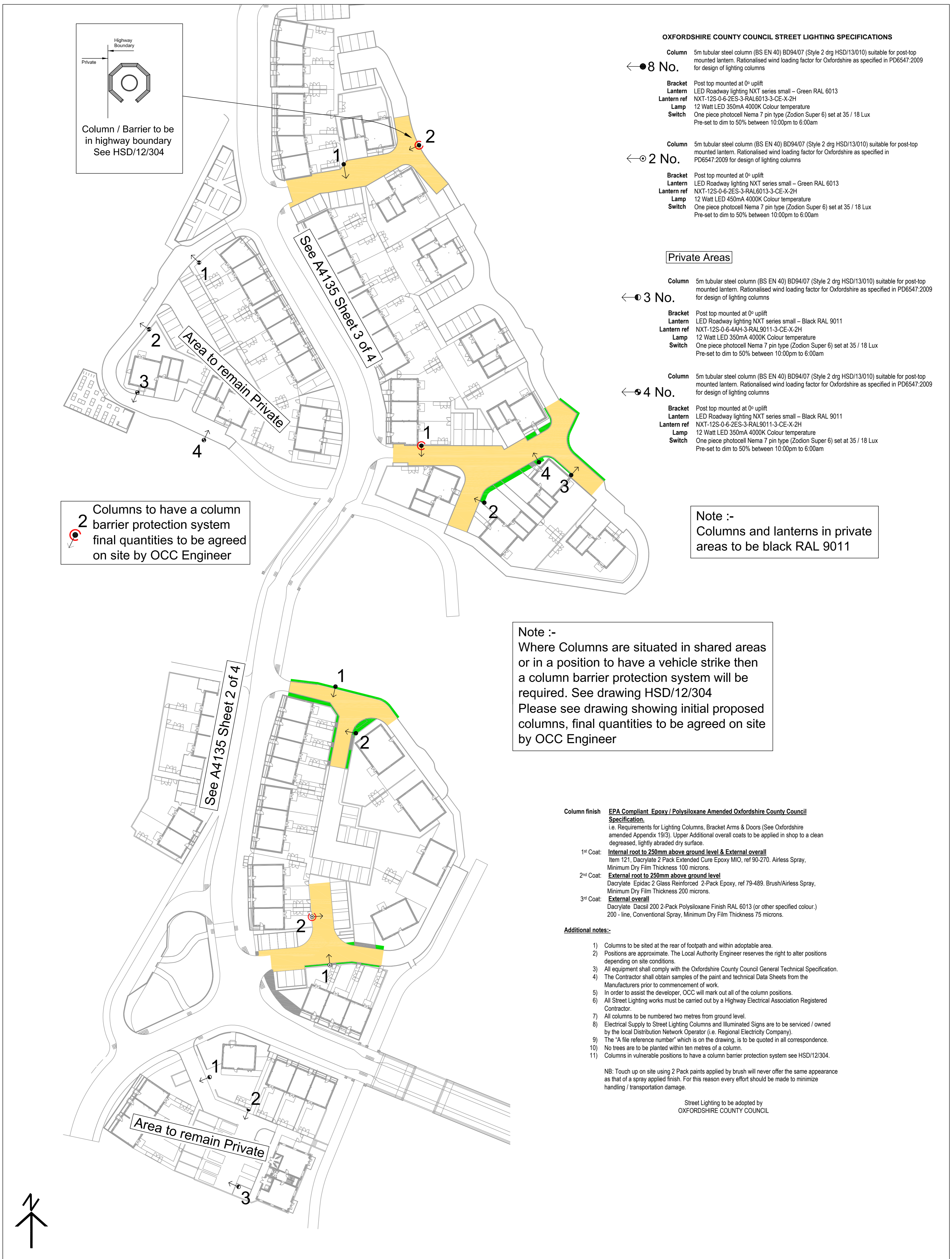
2nd Coat: External root to 250mm above ground level
Dacrylate Epidac 2 Glass Reinforced 2-Pack Epoxy, ref 79-489. Brush/Airless Spray, Minimum Dry Film Thickness 200 microns.


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:-**
- 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



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)	Drawn	Initial	Date
					Traced	DAB	02.16
					Checked	DH	02.16
Drawing No.				A 4 4 0 8			
				Bicester Exemplar Site Phase 2 Street Lighting Section 38 Hill			
				 OXFORDSHIRE COUNTY COUNCIL www.oxfordshire.gov.uk			