

CROSS SECTION D-D SCALE 1/100

**OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATION**

- Column** 5m tubular steel column (BS EN 40) B29407 (Style 2 drg HSD13101) suitable for post-top mounted lumens. Recessed end loading factor for Oxfordshire as specified in PD6547 2009 for design of lighting columns
- Bracket** Post top mounted at 5' uplift
- Lantern** Philips Dial WRTL ARC 80 low Extreme gear - Green RAL 6013  
Ref: ASRS00PHDIALV8482/0XFRM/L
- Lamp optic setting** 2685 SW/VC
- Lamp** 50 WATT SONIT plus
- Switch** One piece photocell (SELC 8482) set at 55/29 Lux
- Control gear** Philips Dial Extreme. Photocell dimmed with 7 1/2 hours dim from 22.00 to 05.30 to 50%.
- Column finish** **FPA Compliant Epoxy / Polyurethane Amended Oxfordshire County Council Specification.**  
i.e. Requirements for Lighting Columns, Bracket Arms & Doors (See Oxfordshire amended Appendix 19.5). Upper Additional overall coats to be applied in shop to a clean degreased, lightly abraded dry surface.  
**1<sup>st</sup> Coat:** Internal root to 25mm above ground level & External overall  
Item 121, Diacrylate 2 Pack Extended Cure Epoxy MIO, ref 90-270. Akless Spray, Minimum Dry Film Thickness 100 microns.  
**External root to 25mm above ground level**  
Diacrylate Epoxide 2 Class Reinforced 2-Pack Epoxy, ref 79-489. Brush/Akless Spray, Minimum Dry Film Thickness 200 microns.  
**External overall**  
Diacrylate Dacal 200 2-Pack Polyurethane 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, OXC 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

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- Notes**
1. This drawing has been prepared in accordance with the scope of RPS's appointment. RPS accepts no liability for any use of this document other than by its client and only for the purposes for which it was prepared and provided.
  2. If covered electronically it is the responsibility of the user to print to correct scale. Only written dimensions should be used.
  3. This drawing should be read in conjunction with all other relevant drawings and specifications.

**KEY**

**ADOPTABLE**

- Blockwork Road Construction. Colour Natural Grey. Laid Herringbone Pattern 45° to Kerb.
- Blockwork Footway Construction. Colour Natural Grey. Laid Herringbone Pattern 45° to Kerb.
- Blockwork Road Construction. Colour Charcoal. Laid Herringbone Pattern 45° to Kerb.
- Blockwork Footway Construction. Colour Charcoal. Laid Herringbone Pattern 45° to Kerb.
- Blockwork Road Construction. Colour Buff. Laid Herringbone Pattern 45° to Kerb.
- Backstop footpath link to cycleway
- Grass Verges

**4** Adoptable Street Lighting Column

**PRIVATE**

**P10** Private Street Lighting Column (same type as adoptable)

Proposed private access road to be constructed as permeable blockwork paving.

<b>H</b>	Cross section B-B & D-D added	IM	KMc	27.01.15
<b>G</b>	Gradient and construction details of backstop footpath link to cycleway added	IM	TD	23.01.15
<b>F</b>	Area of permeable paving added.	SJW	KMc	08.04.14
<b>E</b>	Street Lighting added	SJW	KMc	10.12.13
<b>D</b>	FUTURE MAINTENANCE ACCESS SHOWN.	SJW	KMc	31.10.13
<b>C</b>	ROAD ALIGNMENT REVISED ADJACENT LAP PLOT 117. TACTILE CROSSINGS ADDED.	SJW	KMc	15.10.13
<b>B</b>	GRASS VERGE AND FOOTPATH LINKS ADDED	IM	KMc	09.09.13
<b>A</b>	FIRST ISSUE	SJW	KMc	12/07/13
Rev	Description	By	Chr	Date

**RPS**

Head Office  
Capital Drive, Linford Wood, Milton Keynes MK14 6QP  
T: +44 (0)1908 669998 E: rps@rpsgroup.com F: +44 (0)1908 669999

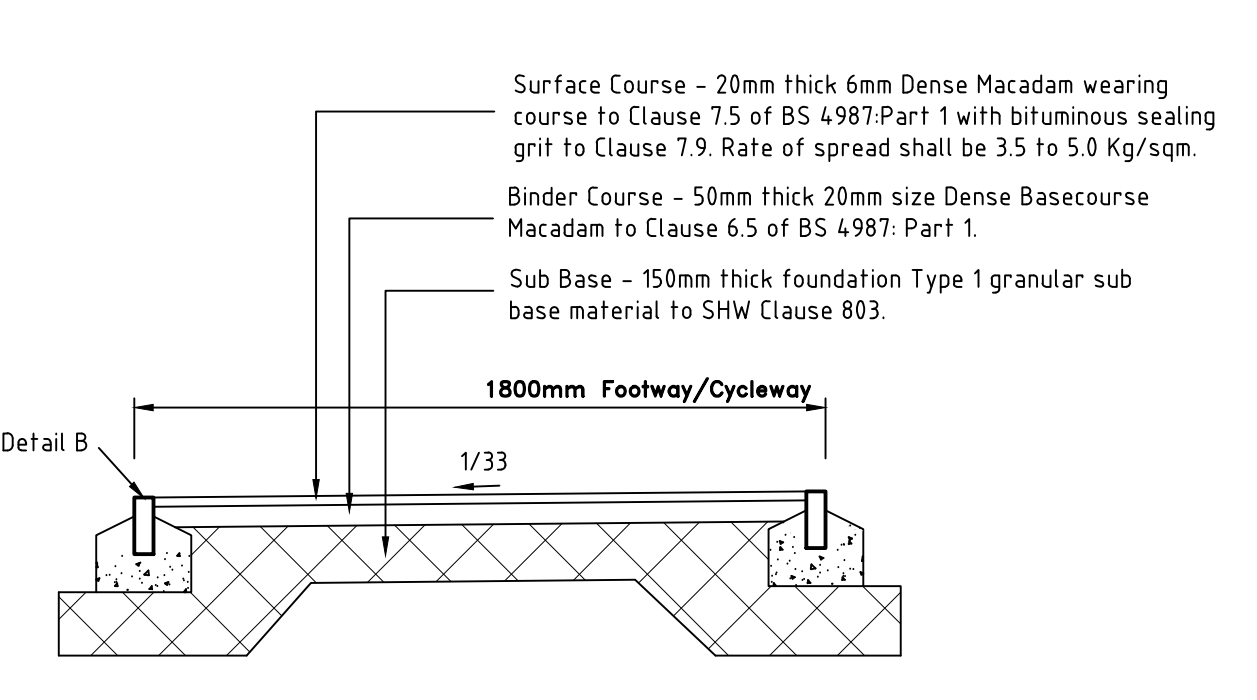
Client **Bellway**

Project **KINGSMERE, BICESTER**

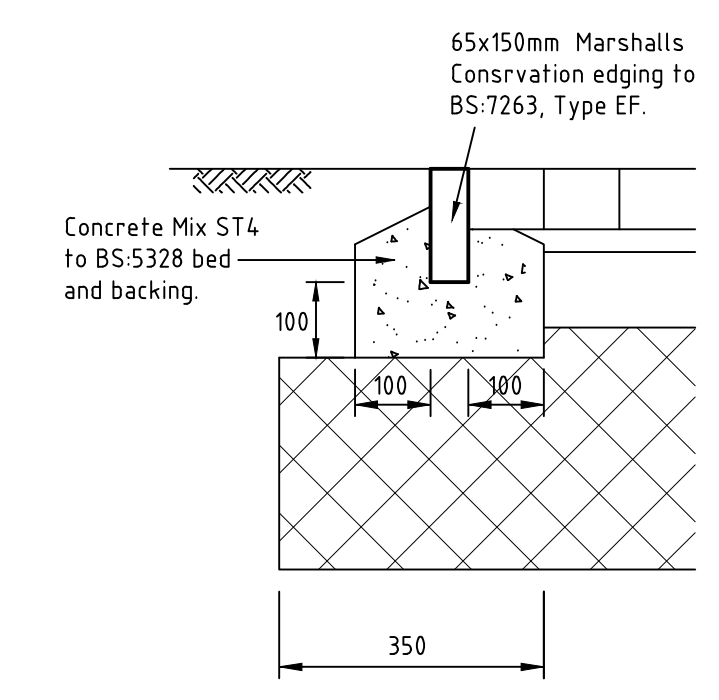
Title **ADOPTABLE SURFACE FINISHES SHEET 2 OF 2**

Status	Scale	Date Created
Preliminary	1:250 @ A1	12/07/13
Project Leader	Drawn By	Checked by
KMc	SJW	KMc

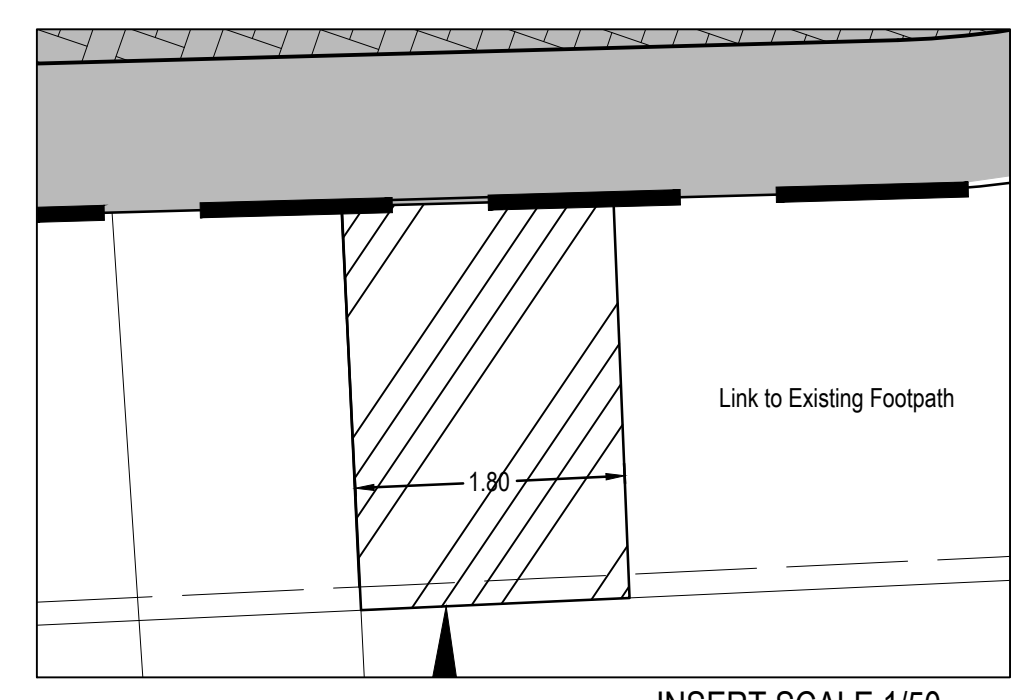
Drawing Number **JJK6647 - 104** Rev **H**



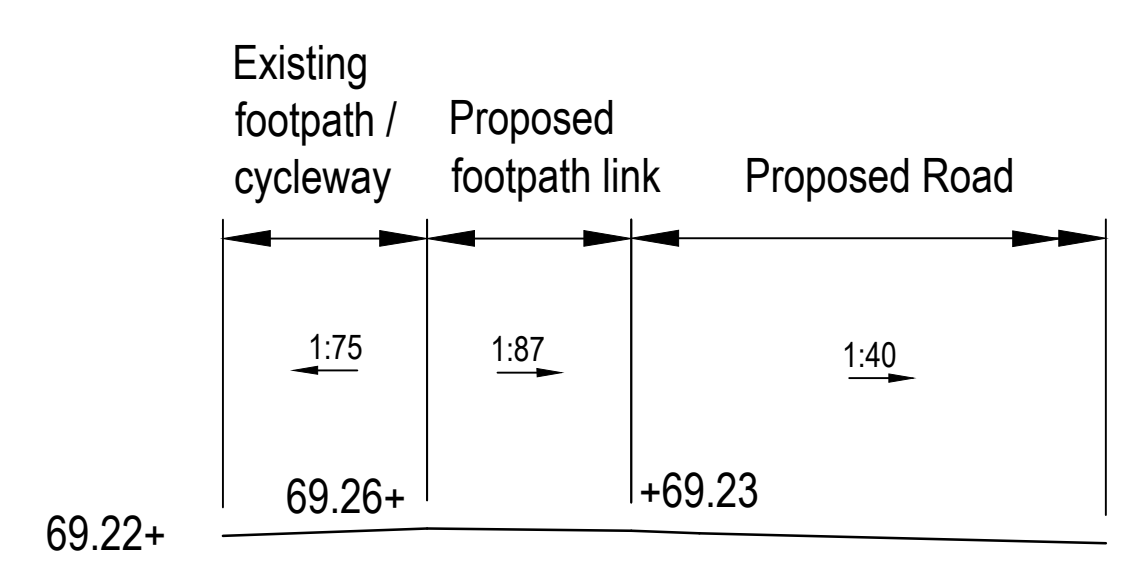
BLACKTOP FOOTPATH / CYCLEWAY



DETAIL B



INSERT SCALE 1/50



CROSS SECTION B-B SCALE 1/100