



- GENERAL NOTES**
- This drawing has been prepared in accordance with the scope of RPS's appointment with its client and is subject to the terms and conditions of that 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.
 - If received electronically it is the recipients responsibility to print to correct scale. Only written dimensions should be used.
 - All dimensions are in metres unless otherwise stated.
 - This drawing is based on a topographical survey undertaken by:- RPS Planning and Development, Milton Keynes.
 - Proposed Layout is based on Site Plan, drawing number LSD129.03.01 undertaken by Life Space Design.
 - This drawing should be read in accordance with all relevant scheme drawings and specification.
 - All works to be carried out in strict accordance with the Specification of Highway Works - Modified and Extended including Oxfordshire County Council's (OCC) supplementary clauses.
 - All works with the public highway to be carried out and comply with requirements of DTP "Traffic signs Manual Chapter 8 - Traffic Safety Measures and Signs for Road Works and Temporary Situations".
 - Any discrepancies between project specification & OCC requirements to be reported to immediately to the Engineer.

- KEY**
- Planning application boundary
 - 10 Plot number
 - 10 Parking number
 - 5.5 Dimension
 - 1.5m high ranch style fence
 - 1.8m high boundary fence
 - ~ 0.6m high boundary wall
 - Proposed street lighting in accordance with OCC street lighting specification. Refer to Philips drawing No. 0244065358 Sheet 1+2 Rev 2 for details

**PRELIMINARY
NOT FOR
CONSTRUCTION**

Rev	Description	Date	Initial	Checked
H	Street lighting layout amended to suit masterplan redesign	25/01/16	HSS	
G	Lamp column opposite plot 45 omitted	12/05/16	HSS	
F	Street lighting spec amended to suit OCC comment (email dated 22/04/2016)	11/05/16	HSS	
E	Lighting Spec added. Footpath to allotments relocated	09/05/16	HSS	
D	Key amended to suit latest street lighting design.	22/04/16	HSS	
C	Shield note added to lamp column adjacent to plots 34-36. Footway added to front of plots 27-29 & 44-45. Footway removed & service margin added along access road to plots 30-44. Hard standing added to back of parallel parking bays. Road markings added. Cycle park added	08/04/16	HSS	SF
B	Lamp column locations amended adjacent to plots 9, 16 & 17	03/02/16	HSS	JR
A	Fence type at site access amended. Ped crossing moved west. Key amended. Radii dimensions added	12/01/16	HSS	JR

STREET LIGHTING TO OXFORDSHIRE COUNTY COUNCIL (OCC) STREET LIGHTING SPECIFICATION



OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATION

Column
5m tubular steel column (BS EN 40 B04407) (Style 2) (ing HSD13/010) 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 5m uplit

Lantern
Philips WRTL Micro Luma 20 LED 3.6Klm - Green RAL 6013
Ref: Micro Luma 18 RS DS-NW 1 3600 NWSUPERRAL6013

Lamp optic setting
18 RS DS-NW 1 3600 NW

Lamp
20 LED 3.6Klm

Switch
One piece photocell Nema 7 pin type (Zodion Super 8) set at 35 / 18 Lux
Pre-set to dim to 50% between 10:00pm to 6:00am

Column finish
EPA Compliant Epoxy / Polyisocyanate Amended Oxfordshire County Council Specification
i.e. Requirements for Lighting Columns, Bracket Arms & Doors (See Oxfordshire amended Appendix 193). Upper Additional overall coats to be applied in shop to a clean degreased, lightly abraded dry surface.
Internal root to 250mm above ground level & External overall
1st Coat: Item 121, Dacrylate 2-Pack Extended Cure Epoxy MCO, ref 90-270, Airless Spray, Minimum Dry Film Thickness 100 microns
2nd Coat: External root to 250mm above ground level
Dacrylate, Epoxi-C Clear Hardener, 2-Pack Epoxy, ref 79-489, Brush/Airless Spray, Minimum Dry Film Thickness 200 microns
3rd Coat: External overall
Dacrylate Dacel 200 2-Pack Polyisocyanate 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, OCC 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 ten metres of a column.
11) Columns in vulnerable positions to have a column barrier protection system see HSD12/304.

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

PLNY8140 - Green Lane, Chesterton/Incoming Data/2016 05 11 OCC StreetLightingSpec/WRTL - 5m RL 20 LED Luma - Tube Style 2.6cc
March 2016

OXFORDSHIRE COUNTY COUNCIL STREET LIGHTING SPECIFICATION

Column
5m Abacor tubular steel Base & Lower column (BS EN 40 EN10210) (Style 2) (ing HSD13/011) (DTP/RS/SP/DOCON) complete with full door Rationalised wind loading factor for Oxfordshire as specified in PD6547:2009 are to be used as a design of lighting columns

Bracket
Post top mounted at 5m uplit

Lantern
Philips WRTL Micro Luma 20 LED 3.6Klm - Green RAL 6013
Ref: Micro Luma 18 RS DS-NW 1 3600 NWSUPERRAL6013

Lamp optic setting
18 RS DS-NW 1 3600 NW

Lamp
20 LED 3.6Klm

Switch
One piece photocell Nema 7 pin type (Zodion Super 8) set at 35 / 18 Lux
Pre-set to dim to 50% between 10:00pm to 6:00am

Column finish
EPA Compliant Epoxy / Polyisocyanate Amended Oxfordshire County Council Specification
i.e. Requirements for Lighting Columns, Bracket Arms & Doors (See Oxfordshire amended Appendix 193). Upper Additional overall coats to be applied in shop to a clean degreased, lightly abraded dry surface.
Internal root to 250mm above ground level & External overall
1st Coat: Item 121, Dacrylate 2-Pack Extended Cure Epoxy MCO, ref 90-270, Airless Spray, Minimum Dry Film Thickness 100 microns
2nd Coat: External root to 250mm above ground level
Dacrylate, Epoxi-C Clear Hardener, 2-Pack Epoxy, ref 79-489, Brush/Airless Spray, Minimum Dry Film Thickness 200 microns
3rd Coat: External overall
Dacrylate Dacel 200 2-Pack Polyisocyanate Finish RAL 6013 (or other specified colour) 200 - line, Conventional Spray, Minimum Dry Film Thickness 75 microns

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March 2016

3 No. back shield to be installed as required on the lamp column to reduce light spill into adjacent hedgerow

2 No. back shield to be installed as required on the lamp column to reduce light spill into adjacent forest

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Client Taylor Wimpey

Project Land North Of Green Lane, Chesterton

Title Scheme Layout

Status	Drawn By	Checked by
PRELIMINARY	HSS	JR

Project Number	Scale @ A1	Date Created
JNY8140	1:500	30/07/2015

Drawing Number	Rev
JNY8140-100	H

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