

- NOTES**
- All works are to be carried out in accordance with Knowsley Metropolitan Borough Council Street Lighting Specification and 'Halshead Design Guide_ Final_May 2020'
 - All columns & lanterns to be tubular galvanised steel painted RAL9005.
 - The minimum distance for a lighting column to be erected from the kerb face in a service strip shall be 0.8 metres.
 - Unless otherwise indicated, lighting columns shall be planted at the rear of the footpath and positioned such that the door opening is facing away from oncoming traffic, unless obstructed, in which case it shall be angled outwards to clear obstruction.
 - All proposed lighting columns are to have an IDNO electrical supply connection.
 - Any proposed trees to be planted at least 5m away from the nearest lighting column to prevent a blocking effect of the proposed lighting column.
 - Lighting columns to be installed as per standard details SSE/L/SD/01, SSE/L/SD/02, SSE/L/SD/016 & SSE/L/SD/017 and in accordance with manufacturers instructions.
 - Any inaccuracies are to be reported to the overseeing organisation or site engineer immediately.
 - The drawing does not detail statutory undertakers information, these should be sourced by the contractor before commencement of installation or removal of any street lighting works.
 - The contractor shall liaise with the IDNO/DNO in relation to the programming and coordination of any works associated with the connection and disconnection of street lighting equipment.
 - Final lighting column positions shall be agreed onsite with the Knowsley Metropolitan Borough Council street lighting representative.
 - Final lighting column identification numbers shall be agreed with the Knowsley Metropolitan Borough Council street lighting representative.
 - Lighting column foundations shall be designed in accordance with the manufacturer data sheets for the columns and soil types present.
 - The planting of trees near to lighting columns is to be avoided as future growth may inhibit lighting levels. Due to the layout of the plots and associated driveways it is inevitable that there will be conflict with proposed landscaping features. Where such instances occur the lighting will take precedence in order to satisfy the requirements of the British standard.
 - Each development site is required to install one Mayflower 2 Mobitex GPRS Sub-master unit to control Nodes and link to central control system unless agreed otherwise with the Service Provider and Highway Authority.
 - LC02 luminaire shall be installed with a Mayflower Mobitex GPRS Sub-master unit

LIGHTING CLASS
Lanes and Access Streets
P3 (BS 5489-1:2020, Table A.5) (Dimmed to P4 using CMS system)
Minimum maintained average illuminance (Eav): >7.50 lux <11.25 lux
Minimum illuminance (Emin): >1.50 lux
Emin/Eav (Uniformity): >0.20 (20%)

Qty 33
Proposed DW Windsor galvanised tubular steel lighting column of 6.0 metre nominal height with a planted base complete with DW Windsor Roco 500mm bracket arm. Column and bracket to be supplied with factory applied paint finish (RAL9005)

Luminaire:	DW Windsor Ely C
Mounting Type:	Top Entry mounted
Manufacturer Ref:	Ely C-LX6-16LED-3k-A2 600mA
Lumen Output:	3.65klm
UMSUG Code:	42 0033 0000 100
Luminaire Wattage:	33w
Colour Temperature:	Warm White (3000k)
Luminaire Tilt Inclination:	0°
Glare Index Rating:	G2
Control Gear:	DALI enabled control gear
Control Type:	Integral Mayflower CMS node
Dimming Profile:	CMS Controlled

Lighting column and luminaire to remain.
Shown for contributory lighting 'tie in' purposes only
Refer to 'SHD007-SHD-HLG-HALS-DR-EO-Lighting Layout-R7' for further details

UNIT IDENTIFICATION KEY:
LC** Proposed lighting column identification number

ELECTRICAL CONNECTION TYPE:
IDNO Independent distribution network operator connection

ISOLUX CONTOUR KEY (AT GROUND LEVEL):
1.00 Isolux contour line
2.00 Isolux contour line

RESIDUAL DESIGN HAZARDS:
The location of existing utility services to be determined on site by the contractor.
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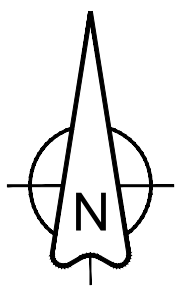
- ELECTRICAL SUBSTATION
- REFER TO NOTES 14

R0	INITIAL DESIGN FOR REVIEW AND COMMENT	20/02/2026	SRH
REV	DESCRIPTION	DATE	BY

info@shdlighting.co.uk 07834 490 192 www.shdlighting.co.uk

PROJECT:	WHISTON PHASE 3		
DRAWING:	S38 STREET LIGHTING DESIGN		
CLIENT:	TAYLOR WIMPEY NORTH WEST		
DRAWING NUMBER:	SHD2619-SHD-HLG-WHS-DR-EO-Lighting Layout R0	DRAWN:	SRH
	SHEET 1 OF 3	CHECKED:	SRH
		APPROVED:	
CONTRACT NUMBER:	SHD2619	DATE:	20/02/2026
		SCALE @ A1:	1:500
		REVISION:	R0

NOT TO BE USED FOR CONSTRUCTION



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Qty 33	Proposed DW Windsor galvanised tubular steel lighting column of 6.0 metre nominal height with a planted base complete with DW Windsor Roco 500mm bracket arm. Column and bracket to be supplied with factory applied paint finish (RAL9005)	
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	Mounting Type:	Top Entry mounted
	Manufacturer Ref:	Ely C-LX6-16LED-3k-A2 600mA
	Lumen Output:	3.65klm
	UMSUG Code:	42 0033 0000 100
	Luminaire Wattage:	33w
	Colour Temperature:	Warm White (3000k)
	Luminaire Tilt Inclination:	0°
	Glare Index Rating:	G2
	Control Gear:	DALI enabled control gear
	Control Type:	Integral Mayflower CMS node
	Dimming Profile:	CMS Controlled

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CLIENT:	TAYLOR WIMPEY NORTH WEST		
DRAWING NUMBER:	SHD2619-SHD-HLG-WHS-DR-EO-Lighting Layout R0	DRAWN:	SRH
	SHEET 2 OF 3	CHECKED:	SRH
CONTRACT NUMBER:	SHD2619	DATE:	20/02/2026
		SCALE @ A1:	1:500
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