File ref - a:\lighting design\norfolk street lighting pfi\additional works\ac-n-472 swaffham swans nest ph 2\design drawings\ac-n-472 proposed lighting layout.dwg

NOTES

1. All works to comply with Norfolk County Council Development Specification for Street Lighting Works.
2. New column positions to be agreed with NCC engineer prior to installation. Typical column set back:
   - Within footpath: Back off path.
   - Within verge: 1.8m from the kerb edge.
   - Where there is insufficient highway to accommodate a street lighting column, columns are to be mounted immediately behind the edge of the highway, are to be installed in an area approx. 705mm x 450mm deep which is to be dedicated as part of the highway. Refer to Amey drawing ref. SL-SD-014
3. All new street lights to be supplied by new unmetered service (direct connection to the local DNO electricity main).
4. New development site - developer responsibility to provide suitably positioned supply main at construction stage.
5. All electrical installation work to be carried out in accordance with the requirements of HEA, NICEIC and BS 7671 (IEE Wiring Regulations).
6. Electrical Installation Certificates to be forwarded to: *Swaffham Town Council, Swaffham.*
7. Refer to Lighting Design Schedule for detailed apparatus specification.
8. Street Lighting to be controlled using a NEMA socket & one part photo cell arrangement. (Cell switching on/off 35/18)

Column numbering key:

N - Denotes new service
T - Denotes transfer of service
D - Denotes disconnection of service
(E) - Denotes DNO service
(P) - Denotes private service (NCC)
R+L - Raise and Lower column

AMEY

STREET LIGHTING DESIGN DESIGNED BY AMEY CONSULTING

SIGNED Les Archer DATE 8/2016

Rev	Revision details	Chkd	Appd	Date
B	Roads 6 & 7 +Footpath units added as per developer request.	LW	LA	10/2016

Designed:	LW	Date:	26/8/2016
Drawn:	LW	Date:	26/8/2016
Checked:	LA	Date:	30/8/2016
Approved:	LA	Date:	30/8/2016

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Client
BARTERHILL PARTNERSHIP LTD

Project Name
BRANDON ROAD,
SWAFFHAM,
PHASE 2

Drawing Title
PROPOSED STREET LIGHTING LAYOUT.
FOOTWAY STANDARD

Original Drawing Size : A1	Scale : As Shown
Dimensions : -	

Drawing Status	Suitability
CONSTRUCTION	S0

Drawing No	Rev
AC-N-472	B

Road name	Area	Column No.'s	Lighting Class	Luminous Intensity Class	Road width	Proposed quantity	Column height	Column type	Bracket	Tilt	LED Qty / Lamp type	Luminaire	Lantern Name	Optic	Bowl	Control gear	Linear roadway design spacings					Non-linear roadway area calculation reference	Design relaxation comments
																	Min staggered	Max staggered	Min single sided	Max single sided	Calculation reference		
New Development Road 1, Road 2 (Off Brandon rd, Ph2)	Swaffham	1 TO 9	Footway Standard	G3	5.60m	9	6m	Stainton galvanised tubular steel (Norfolk PFI spec)	0	0°	16 LED	URBIS 'AXIA' LED Lantern Cool White	Urbis 'Axia'	5079	n/a	Electronic	n/a	n/a	n/a	n/a	n/a	x1	None
New Development Road 6, Road 7 (Off Brandon rd, Ph2)	Swaffham	10,11,12, 13	Footway Standard	G3	5.60m	4	6m	Stainton galvanised tubular steel (Norfolk PFI spec)	0	0°	16 LED	URBIS 'AXIA' LED Lantern Cool White	Urbis 'Axia'	5079	n/a	Electronic	n/a	n/a	n/a	n/a	n/a	x1	None
New Development Footpath (Off Brandon rd, Ph2)	Swaffham	14,15,16, 17	Footway Standard	G4	2.0m	4	6m	Stainton galvanised tubular steel raise & lower (Norfolk PFI spec)	0	0°	16 LED	URBIS 'AXIA' LED Lantern Cool White	Urbis 'Axia'	5079	n/a	Electronic	n/a	n/a	n/a	n/a	n/a	x1	None

KEY

16(6) — Proposed 6m tubular steel galvanised column with a post top mounted Urbis AXIA 16 LED lantern, (Cool White LED)

16(6) — Proposed 6m tubular steel galvanised column, raise &lower type with a post top mounted lantern Urbis AXIA 16 LED lantern. (Cool White LED)

Concrete adoptable pad to be provided when no footpath is available.