File ref - a:\lighting design\norfolk street lighting pfi\additional works\ac-n-539 swaffham swans nest\cad drawing\ac-n-539 rev d.dwg

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 (Off Brandon rd, Ph3)	Swaffham	1 TO 20	Footway Standard	G3	6.40m/ 5.60m	20	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	001-AC-N-539	None

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STREET LIGHTING KEY

Lantern / Column Detail

20x LED lantern.
Urbis 'Axia' LED lantern, 16 LED / 5079 optic / cool white / post top mounted
(Axia_16LED_Cool_Wh_5079_3131F_2.24K[m])
Lantern head to be wired in black pvc/pvc 1.5mmsq 3 core flex, via a fused double pole isolator located in the base compartment of the lamp column.

20x
Lamp column to be a 6m mounting height tubular galvanised standard column.
(Valmont Stainton or similar approved)
Lamp column to be located at back of path or in pad. (See note 2)
Lamp column to have UKPN (Or ICP) 230v single phase UNMETERED supply provided.

Existing column positions from other phases / sites.
For information only.
See Amey drawing ref.
AC-N-372 & AC-N-472

NOTES

1. All works to comply with Norfolk County Council Development Specification for Street Lighting Works.
2. New column positions to be agreed with local lighting authority engineer prior to installation.
   Typical column set back:
   - Within footpath. Back off path.
   - Within verge: 1.5m 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. 750mm 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 (IET Wiring Regulations).
6. Electrical Installation Certificates to be forwarded to: Swaffham Town Council offices, Swaffham
7. Refer to Lighting Design Schedule for detailed apparatus specification.
8. Luminaires should include a 3 pin NEMA socket with a one part photocell (on 35/off 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 FOOTWAY STANDARD

STREET LIGHTING DESIGN BY AMEY CONSULTING

SIGNED:Les Archer DATE:5/2018

Rev	Revision details	Drwn	Chkd	Appd	Date
D	Columns 1 & 3 moved slightly to north side as per site layout changes	LA	LA	LA	9/2018
C	Columns 7 & 7 moved slightly to north side as per site layout changes	LA	LA	LA	8/2018
B	Spots numbering & spacing changed	LA	LA	LA	8/2018
A	First issue				

Designed:	LA	Date:	5/2018
Drawn:	LA	Date:	5/2018
Checked:	SC	Date:	6/2018
Approved:	SC	Date:	6/2018

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Client
ABEL HOMES LTD

Project Name
SWANS NEST, PHASE 3
OFF BRANDON ROAD,
SWAFFHAM

Drawing Title
PROPOSED LIGHTING LAYOUT
FOOTWAY LIGHTING SCHEME

Original Drawing Size : A1	Scale : 1:500
Dimensions : -	

Drawing Status: CONSTRUCTION	Suitability: S0
Drawing No: AC-N-539	Rev: D