

**Schedule Of Proposed Apparatus - New Development off Stanion Way, Brigstock - Section 38 works**

Section 38	Column			Supply Point	Service Alteration Type	Luminaire	Notes
	Number	Height	Set back				
Lighting Columns	LC001	6m	Back of Footway	DNO / IDNO	New Connection	Kirium Pro Mini 16 x 3k D1 CLO 250mA 1.68klm 12W	6B
	LC002	6m	Back of Footway	DNO / IDNO	New Connection	Kirium Pro Mini 16 x 3k D1 CLO 250mA 1.68klm 12W	6B
	LC003	6m	Back of Footway	DNO / IDNO	New Connection	Kirium Pro Mini 16 x 3k D1 CLO 250mA 1.68klm 12W	6B
	LC004	6m	Back of Footway	DNO / IDNO	New Connection	Kirium Pro Mini 4 x 3k D5 CLO 350mA 0.58klm 5W	6C
	LC005	6m	Back of Footway	DNO / IDNO	New Connection	Kirium Pro Mini 16 x 3k D1 CLO 250mA 1.68klm 12W	6B
	LC006	6m	Back of Footway	DNO / IDNO	New Connection	Kirium Pro Mini 16 x 3k D1 CLO 250mA 1.68klm 12W	6B
	LC007	6m	Back of Footway	DNO / IDNO	New Connection	Kirium Pro Mini 16 x 3k D1 CLO 250mA 1.68klm 12W	6B
	LC008	6m	Back of Footway	DNO / IDNO	New Connection	Kirium Pro Mini 4 x 3k D5 CLO 350mA 0.58klm 5W	6C
	LC009	6m	Back of Footway	DNO / IDNO	New Connection	Kirium Pro Mini 4 x 3k D5 CLO 350mA 0.58klm 5W	6C

- Notes:**
- All works and equipment to be carried out in accordance with the Parish Council requirements as the adopting lighting authority.
  - All columns to be connected to DNO mains electrical supply and sited as per schedule.
  - Numbering system is indicative only. Final site numbering if required to be provided by Parish Council at adoption stage at cost to developer.
  - The contractor must comply with CDM regulations.
  - The designer has not been made aware of any environmental issues on site that may affect the street lighting installation.
  - Contractors disposal must comply with WEEE directive and COSHH regulations
  - COSHH assessments to be provided for all hazardous materials
  - All electrical works to be in accordance with BS7671 (Current edition).
  - All works in the vicinity of underground and overground utilities including excavation, digging and erection etc. must be in accordance with HSE guidance notes HSG47, HSG6 and NJUG guidelines.
  - Columns to be tubular steel galvanneal with glass fibre root protection to 250mm above planting depth. Minimum design life to be 40 years. Minimum door opening size 500mm x 100mm. Where no vehicle access is possible for maintenance, then a suitable hinged column must be provided.
  - Score flexible cable to be provided from isolator to luminaire. Cable size to be 1.5mm<sup>2</sup> for column height up to 6 metres.
  - The contractor must acquire statutory undertaker plans prior to commencement of any works on-site. Where there are services identified in the area of the works the contractor must comply the statutory undertakers requirements such as hand digging in the area

**Key:**

Column - 6m Tubular Steel Galvanneal with glass fibre root protection  
 Luminaire - DW Windsor Kirium Pro Mini 16 x 3k LED with Philips Stratum CLO standard LED driver and surge protection, RAL 7046 Micro-Grey Polyester Powder Coat  
 Mounting - Post top on 78mm spigot  
 TB: 0 degrees  
 Array = DS CLO 350mA 0.58klm  
 UMSHG Code = 42 001 0000 100  
 Wattage = 5W  
 Control = One Part NEMA Photocell 35/18  
 In switching

**Notes:**

Lighting designed to BS EN 12002:2003 & CE115 Lighting class PL.

See separate Drawing for S38 Works

**Calculation Results**

0.4 Lux Min E20 contour



3000k Warm White LEDs

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**street lighting**

Project: CAG Date of issue: 01/11/2021  
 Drawn: MM RO A1 Rev: 1500 @ A1  
 Status: PRELIMINARY ORG.  
 Drawing No: 8400-2423-02  
 Works Name and No: New Development off Stanion Road, Brigstock.  
 Scale on sheet: S38 Street Lighting Layout