



- Notes:**
- All works and equipment to be carried out in accordance with the Parish Council requirements.
 - 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, HSG5 and NUJG guidelines.
 - 3-core flexible cable to be provided from isolator to luminaire. Cable size to be 15mm² 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 Galvanised with **zinc flake** root protection
 - Luminaire - DW Windsor Kirium Pro Mini 16 x 3k LED with Philips Xitanium CLO enabled CMS compatible LED driver and surge protection, RAL 7048 Mid-Grey Polyester Powder Coat Finish & 7 pin NEMA socket.
 - Mounting - Post top on 76mm spigot
 - Tilt: 0 degrees
 - Array - A1 CLO 350mA 2.30km
 - UMSUG Code - 42 0018 0000 100
 - Wattage = 16W
 - Control - One Part Photocell 35/18 lux switching
- Column shown for Contribution Only
See Drawing 8400-2423-02 for S38 Site Lighting

Notes:

Lighting designed to BS EN13201-2:2003 & CEI115 lighting class P5.

See separate Drawing for S38 Works

Calculation Results

0.4 Lux Min ISO contour

2.0 Lux ISO contour

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street lighting

Designer: CAG Date of issue: 29/10/2021

Checked: MM Authorized: RO Sheet Size: A1 Scale: 1:500 @ A1

Issue: PRELIMINARY Revision: ORIG.

Drawing no.: 8400-2423-01

Scheme Name and Ward: New Development off Stanion Road, Brigstock.

Street on drawing: S278 Street Lighting Layout Stanion Road

| Schedule Of Proposed Apparatus - New Development off Stanion Way, Brigstock - Section 278 works | | | | | | | |
|---|--------|--------|-----------------|--------------|-------------------------|---|-------|
| Section 278 | 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 A1 CLO 350mA 2.30km 16W | 6A |
| | LC002 | 6m | Back of Footway | DNO / IDNO | New Connection | Kirium Pro Mini 16 x 3k A1 CLO 350mA 2.30km 16W | 6A |
| | LC003 | 6m | Back of Footway | DNO / IDNO | New Connection | Kirium Pro Mini 16 x 3k A1 CLO 350mA 2.30km 16W | 6A |
| | LC004 | 6m | Back of Footway | DNO / IDNO | New Connection | Kirium Pro Mini 16 x 3k A1 CLO 350mA 2.30km 16W | 6A |
| | LC005 | 6m | Back of Footway | DNO / IDNO | New Connection | Kirium Pro Mini 16 x 3k A1 CLO 350mA 2.30km 16W | 6A |