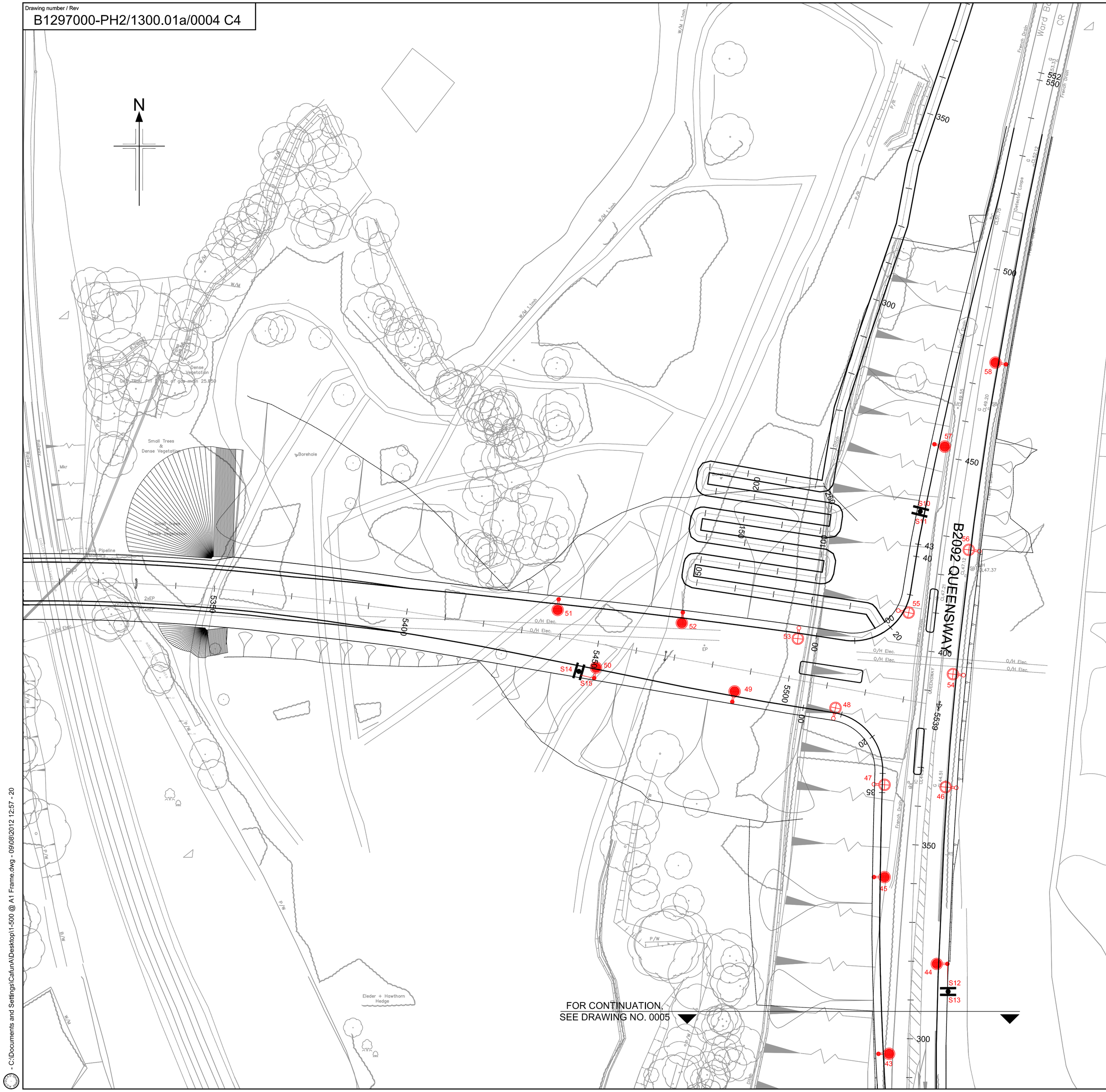
Drawing number / Rev

B1297000-PH2/1300.01a/0004 C4




## KEY

Proposed ALC LTD Tapered Post Top Aluminium road lighting column of 10m nominal height standard reinforcement tube thermoplastic root protection brushed finish to BS EN 40 with Urbis Teceo 2 flat glass luminaire with grey painted aluminium canopy fitted with 56 LEDs of 4250 Kelvin neutral white colour temperature (Type: Teceo 2_FG_5068_312711, Lamp Flux : 9.74klm) supplied with Nema Socket and Photocell( Zodion one part Rota-Lok fitting set at 35 lux ON/18lux OFF, dimming to 50% light output between midnight and 0500hrs).

Proposed ALC LTD Tapered Post Top Aluminium road lighting column of 6m nominal height standard reinforcement tube thermoplastic root protection brushed finish to BS EN 40 with Urbis Teceo 2 flat glass luminaire with grey painted aluminium canopy fitted with 24 LEDs of 4250 Kelvin neutral white colour temperature(Type: Axia_24LED_Neut_Wh_5080_31314F -500mA , Lamp Flux : 4.79klm) supplied with Nema Socket and Photocell( Zodion one part Rota-Lok fitting set at 35 lux ON/18lux off, dimming to 50% light output between 2200hrs and 0500hrs.)

Proposed CU Phosco(Forest Column) 5m height parallel sided Post Top galvanised steel road lighting column of 76mm shaft diameter (ESCC ref: R2505T01H5030/G1E) with Urbis Teceo 1 flat glass luminaire with grey painted aluminium canopy fitted with 16 LEDs of 4250 Kelvin neutral white colour temperature (Type: TCO1_16LED_Neut_Wh_O_5119_330531: Lamp Flux : 3.07klm) supplied with Nema Socket and Photocell (Zodion one part Rota-Lok fitting set at 35 lux ON/18lux Off ), complete with proposed Simmonsigns Midubel 2 part belisha beacon fitted around the column at a minimum of 2.5m height.

Road crossing duct. 100mm dia orange UPVC duct.

Proposed feeder pillar

Proposed illuminated sign (Refer to 1200 series drawings for details).

Proposed illuminated LED bollard(Simmonsigns Global Plus 24volt LED with Simbol Flexible Shell.Refer to 1200 series drawings for details ).

## Notes

1. Column door locks to be greased.
2. Street Lighting columns and lit sign units (unless located on island or if sign is within 5m of adjacent supply point must be via private networks.) to have individual connections to the DNO network and to be sub-fused by the use of a Charles Endirect secondary double pole isolator LS/02 SF fitted with 6A HRC fuse. Double arm columns to have two HRC fuses
3. Where a new or existing street lighting column has an outgoing private supply to a lit sign on an island, the column shall be fitted with a Charles Endirect double pole isolator unit incorporating an additional 16A HRC fuse to protect the outgoing circuit.
4. Internal column wiring to be BICC 1.5 sq mm/2.5 sq mm live and neutral with earth conductor PVC/PVC insulation. Earth block to be provided and the main earth bond to be 10 sq mm. Column door to be bonded in 6 sq mm flexible cable and connected to the earth block.
5. Column reference numbers to be as advised by ESCC and HA.
6. HA column EX02 believed to be fed from feeder pillar EXFP903. Contractor to determine on site prior to disconnection and removal of column.
7. Contractor to trace and locate/determine existing supplies to bollards on islands being removed.
8. ESCC lighting columns to comply with the requirements in ESCC Lighting Specification document.
9. For Chapel Path subway design layout and NFP1 schematics refer to Drawing No. B1297000-PH2/1300.01A/0006.
10. Drawing to be read in conjunction with the latest revision of scheme related documents :
    B1297000-PH2/1300.05a
    B1297000-PH2/1600.01a/0101-0102.
    1200 Series Drawings and Schedules
11. Drawing to be printed in colour.
12. Refer to relevant standard details from ESCC design specification.
13. Sign and Bollard reference numbers are for reference only, refer to 1200 series schedules and drawings for detailed reference.
14. Electrical electronic equipment to be disposed of in accordance with WEEE Directive. Waste metals should be recycled. Lamps containing mercury should be considered as hazardous waste and disposed of accordingly.

## KEY

New HA feeder pillar dealt with by HA as part of another scheme.

Existing ESCC 8m road lighting column to remain.

Existing HA column dealt with by HA as part of another scheme.

Existing ESCC 5m road lighting column to remain.

Existing HA 10m double arm road lighting column to be taken up or down and removed to tip off site.

Existing bollard to be taken up or down and removed to tip off site.

Existing bollard to be dealt with by HA as part of another scheme.

Existing ESCC road lighting column to be taken up or down and removed to tip off site.

Existing Belisha Beacon to be taken up or down and removed to tip off site.

Existing 8m road lighting column to have luminaire replaced with Urbis Teceo 2 flat glass luminaire with grey painted aluminium canopy fitted with 56 LEDs of 4250 Kelvin neutral white colour temperature (Type: Teceo 2_FG_5068_312711, Lamp Flux : 9.74klm) supplied with Nema Socket and Photocell( Zodion one part Rota-Lok fitting set at 35 lux ON/18lux OFF, all night lighting).

Proposed ALC LTD Tapered Post Top Aluminium road lighting column of 8m nominal height standard reinforcement tube thermoplastic root protection brushed finish to BS EN 40 with Urbis Teceo 2 flat glass luminaire with grey painted aluminium canopy fitted with 56 LEDs of 4250 Kelvin neutral white colour temperature (Type: Teceo 2_FG_5068_312711, Lamp Flux : 9.74klm) supplied with Nema Socket and Photocell( Zodion one part Rota-Lok fitting set at 35 lux ON/18lux OFF, dimming to 50% light output between midnight and 0500hrs).

Proposed ALC LTD Tapered Post Top Aluminium road lighting column of 10m nominal height standard reinforcement tube thermoplastic root protection brushed finish to BS EN 40 with Urbis Teceo 2 flat glass luminaire with grey painted aluminium canopy fitted with 56 LEDs of 4250 Kelvin neutral white colour temperature (Type: Teceo 2_FG_5093_312721, Lamp Flux : 9.74klm) supplied with Nema Socket and Photocell( Zodion one part Rota-Lok fitting set at 35 lux ON/18lux OFF, dimming to 50% light output between midnight and 0500hrs).

2 No. Pudsey Diamond White Solaball Keep Left bollard to retrofit onto existing Haldo bollard base (HA spec).

Proposed 6mm sq 3 core XLPE/PVC/SWA/PVC cable in 2x100mm dia orange UPVC duct.

Proposed access chamber Type B.

Proposed ALC LTD Hinged Conical Post Top Aluminum road lighting column of 5m nominal height standard reinforcement tube thermoplastic root protection brushed finish to BS EN 40 with Urbis Axia luminaire fitted with 8 LEDs of 4250 Kelvin neutral white colour temperature(Type:Axia_8LED_Neut_Wh_5078_31312F Lamp Flux: 1.19klm) supplied with mini cell set at 35 lux ON/18lux off, all night lighting). Arrow sign indicates direction of lowering.

Proposed ALC LTD Hinged Conical Post Top Aluminum road lighting column of 5m nominal height standard reinforcement tube thermoplastic root protection brushed finish to BS EN 40 with Urbis Axia luminaire fitted with 16 LEDs of 4250 Kelvin neutral white colour temperature (Type:Axia_16LED_Neut_Wh_O_5080_31314F -500mA Lamp Flux: 3.2klm) supplied with mini cell set at 35 lux ON/18lux off, dimming to 50% light output between midnight and 0500hrs).Arroe sign indicates direction of lowering.

0 10 20 30 40 50 m

SCALE 1 : 500

| Rev | Rev. Date | Purpose of revision | Drawn | Checkd | Rev'd | Apprv'd |
|---|---|---|---|---|---|---|
| C4 | 04/07/2014 | Zebra Crossing Design and Move LC22 & 23 | SS | OF | OF | JP |
| C3 | 19/03/2014 | RE-DESIGN TO BS5489-1:2013 | SS | BJ | BJ | JP |
| C2 | 15/11/2013 | CHANGES AT BELLE HILL DUE TO HA WKS | SS | BJ | BJ | SSG |
| C1 | 02/07/2013 | ALIGNMENT UPDATED | SS | BJ | BJ | SSG |
| C0 | 29/05/2013 | Construction Issue | SS | BJ | BJ | SSG |
| R1 | 15/04/2013 | Change Column Location | SS | BJ | BJ | SSG |
| R0 | DD/MM/YYYY | INITIAL ISSUE | ASC | JL | BW | SSG |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Employer: East Sussex County Council, eastsussex.gov.uk


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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following :

CONSTRUCTION

MAINTENANCE / CLEANING

DECOMMISSIONING / DEMOLITION

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

Project: BEXHILL TO HASTINGS LINK ROAD

Drawing title: STREET LIGHTING QUEENSWAY JUNCTION SHEET 4 OF 5

Drawing status: ISSUE FOR CONSTRUCTION

Scale: 1:500 @ A1 — DO NOT SCALE

Jacobs No.: B1297000-PH2

Client no.:

Drawing number: B1297000-PH2/1300.01a/0004 — Rev: C4


This drawing is not to be used in whole or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.


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