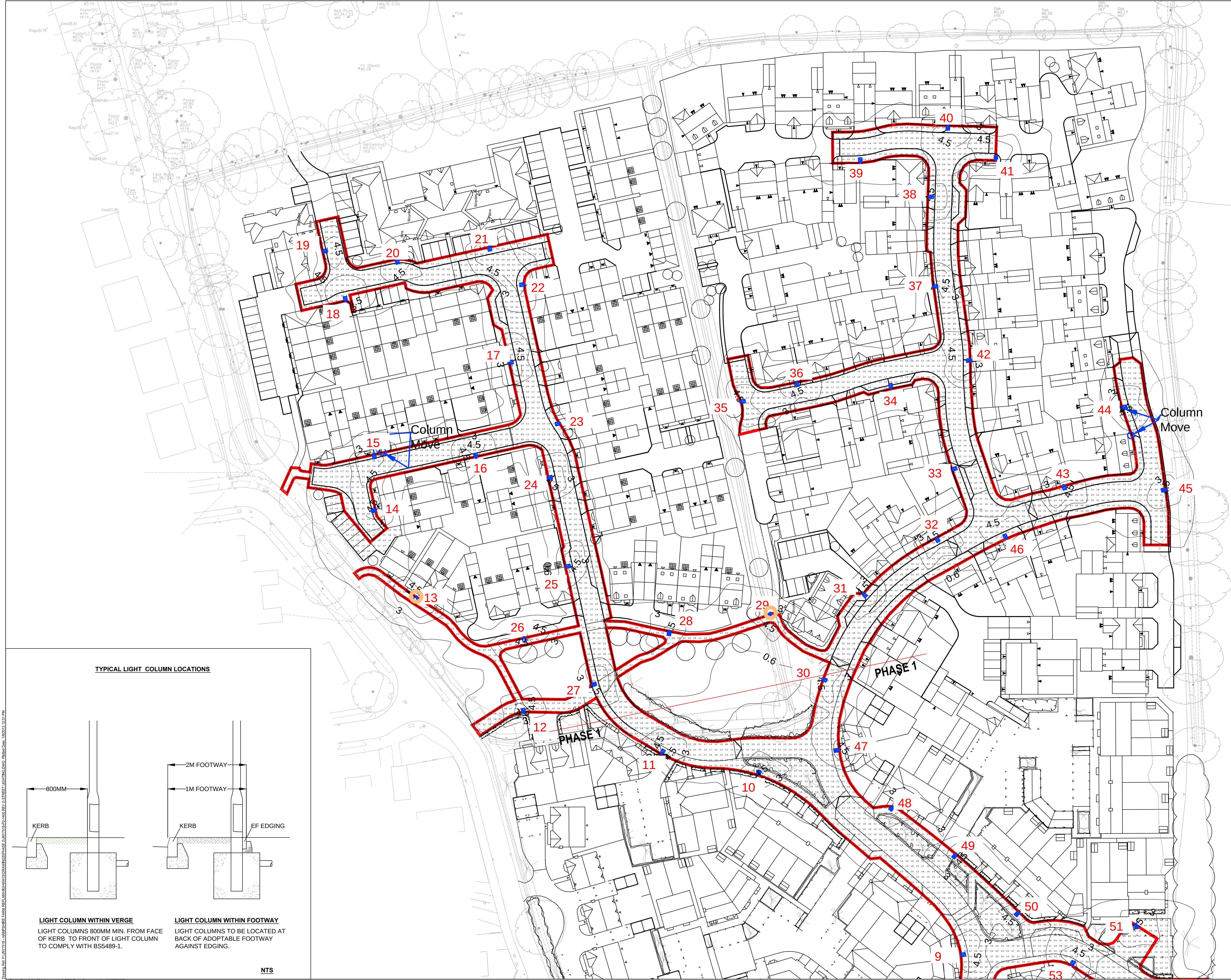




**NOTES**

1. If this drawing has been received electronically it is the recipients responsibility to print the document to the correct scale.
2. All dimensions are in millimetres unless stated otherwise. It is recommended that information is not scaled off this drawing.
3. This drawing should be read in conjunction with all other relevant drawings and specifications.
4. Lanterns without the below listed facilities will not be accepted for adoption;

**Development Standard for Highway Lighting**  
**Residential Roads S5 - S6**

**Lighting columns** -6m straight shaft (no outreach bracket), polymer coated (12B21). To comply with HCC standard detail HCC/L045 Rev B.

**Lanterns** -WRTL 'Libra Performer' with 24/36W PLL lamp, dimming ballast HF-R DALI, fitted with Mayflower six pin NEMA socket, post-top mounted, maximum tilt 5 degrees.

**Switch controls** -Mayflower Complete Lighting Control DALI Node to plug into six-pin NEMA socket in each lantern.

Every lighting scheme is required to install one Mayflower Complete Lighting Control DALI Sub-master unit to control Nodes and link to Central Management System

**KEY**

**2C**

STSQ18/140W/WW  
lamp(s): 18 DS-WW 19 1950 WW LED  
candela file 'Stella Square WPNR 18 DS-WW 19 1950 WW LED.ldr'  
1 lamp(s) per luminaire, 1450 initial lumens per lamp  
Maintenance Factor = 0.750, watts per luminaire = 22  
Outreach (from mounting axis to photometric center)= 400 mm  
mounting height= 6 m  
number locations= 10, number luminaires= 10  
Columns placed back of path

**2A**

STSQ18/140/SWW  
lamp(s): 18 DS-WW 21 1450 WW LED  
candela file 'Stella Square SWNR 18 DS-WW 21 1450 WW LED.ldr'  
1 lamp(s) per luminaire, 1450 initial lumens per lamp  
Maintenance Factor = 0.750, watts per luminaire = 25  
Outreach (from mounting axis to photometric center)= 400 mm  
mounting height= 6 m  
number locations= 42, number luminaires= 42  
Columns placed back of path

**1A**

STSQ18/140N/WW  
lamp(s): 18 DS-WW 19 1950 WW LED  
candela file 'Stella Square NPNR 18 DS-WW 19 1950 WW LED.ldr'  
1 lamp(s) per luminaire, 1950 initial lumens per lamp  
Maintenance Factor = 0.750, watts per luminaire = 22  
Outreach (from mounting axis to photometric center)= 400 mm  
mounting height= 6 m  
number locations= 3, number luminaires= 3  
Columns placed back of path

**4A**

SS Calculation  
5017 points  
HORIZONTAL LUX  
Average 2.9  
Maximum 10.8  
Minimum 0.6  
Min/Avg(Lux) 0.209  
Min/Max 0.056  
Coef Var 0.521

**4A**

Existing Libra 36w PLL PNN#  
lamp(s): 1 FSD 36 2900 4000 2G11  
candela file 'Libra 2565 PNNR 1 FSD 36 2900 4000 2G11.ldr'  
1 lamp(s) per luminaire, 2900 initial lumens per lamp  
Maintenance Factor = 0.760, watts per luminaire = 38  
Outreach (from mounting axis to photometric center)= 500 mm  
tilt angle= 5 deg  
mounting height= 6 m  
number locations= 4, number luminaires= 4  
kw all locations= 0.2

— Limit of Section 38 highway adoption

○ Raising Lowering lighting column not accessible by maintenance vehicles.

**1** Example of Light Column identification number

|     |                                                        |    |     |          |
|-----|--------------------------------------------------------|----|-----|----------|
| G   | LC numbering changed, 0.8m min. column o/s, spec added | BA | AD  | 09/01/13 |
| F   | Architect Layout updated                               | AD | LA  | 19/12/12 |
| E   | Amendments to Key                                      | BA | AD  | 18.12.12 |
| D   | S278 lighting added                                    | BA | LA  | 12.12.12 |
| C   | Column ID & sections added                             | BA | LA  | 10.12.12 |
| B   | Lighting design amended                                | BA | AD  | 5.12.12  |
| A   | Highway boundary added                                 | BA | AD  | 26.11.12 |
| rev | amendments                                             | by | ckd | date     |

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**Bellway**  
**BLOORHOMES**

**Client**

**Project**

**HAMPSHIRE FARM, EMSWORTH**

**Title**

**PHASE 2 STREET LIGHTING PLAN**

**Drawing Status**

**APPROVAL**

**Drawing Size**

**A1**

**Date Created**

**13/11/12**

**Drawing Scale**

**1:500**

**Project Leader**

**BA**

**Drawn By**

**BA**

**Initial Review**

**AD**

**Drawing Number**

**JNY7518-P2-1400**

**Rev**

**G**

**Transport**

**TYPICAL LIGHT COLUMN LOCATIONS**

**LIGHT COLUMN WITHIN VERGE**

LIGHT COLUMNS 800MM MIN. FROM FACE OF KERB TO FRONT OF LIGHT COLUMN TO COMPLY WITH BS5489-1.

**LIGHT COLUMN WITHIN FOOTWAY**

LIGHT COLUMNS TO BE LOCATED AT BACK OF ADOPTABLE FOOTWAY AGAINST EDGING.

**NTS**

Drawn: JNY P-1400-13 HAMPSHIRE FARM EMSWORTH PHASE 2 STREET LIGHTING PLAN Date: 13/11/12

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