



Note:

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2. All information is indicative only and must be verified on site by the contractor.
3. It is the responsibility of the Contractor to produce fully co-ordinated and working detailed drawings.

Symbol	Description
AA	Timber lighting 120° beam height between 2.2m and 2.5m
AB	Timber lighting 120° beam height between 2.5m and 3m
AC	Timber lighting 120° beam height between 3.0m and 3.5m
AD	Timber lighting 120° beam height between 3.5m and 4m
AE	Timber lighting 120° beam height between 4.0m and 4.5m
AF	Timber lighting 120° beam height between 4.5m and 5m
AG	Timber lighting 120° beam height between 5.0m and 5.5m
AH	Timber lighting 120° beam height between 5.5m and 6m
AI	Timber lighting 120° beam height between 6.0m and 6.5m
AJ	Timber lighting 120° beam height between 6.5m and 7m
AK	Timber lighting 120° beam height between 7.0m and 7.5m
AL	Timber lighting 120° beam height between 7.5m and 8m
AM	Timber lighting 120° beam height between 8.0m and 8.5m
AN	Timber lighting 120° beam height between 8.5m and 9m
AO	Timber lighting 120° beam height between 9.0m and 9.5m
AP	Timber lighting 120° beam height between 9.5m and 10m
AQ	Timber lighting 120° beam height between 10.0m and 10.5m
AR	Timber lighting 120° beam height between 10.5m and 11m
AS	Timber lighting 120° beam height between 11.0m and 11.5m
AT	Timber lighting 120° beam height between 11.5m and 12m
AU	Timber lighting 120° beam height between 12.0m and 12.5m
AV	Timber lighting 120° beam height between 12.5m and 13m
AW	Timber lighting 120° beam height between 13.0m and 13.5m
AX	Timber lighting 120° beam height between 13.5m and 14m
AY	Timber lighting 120° beam height between 14.0m and 14.5m
AZ	Timber lighting 120° beam height between 14.5m and 15m
BA	Timber lighting 120° beam height between 15.0m and 15.5m
BB	Timber lighting 120° beam height between 15.5m and 16m
BC	Timber lighting 120° beam height between 16.0m and 16.5m
BD	Timber lighting 120° beam height between 16.5m and 17m
BE	Timber lighting 120° beam height between 17.0m and 17.5m
BF	Timber lighting 120° beam height between 17.5m and 18m
BG	Timber lighting 120° beam height between 18.0m and 18.5m
BH	Timber lighting 120° beam height between 18.5m and 19m
BI	Timber lighting 120° beam height between 19.0m and 19.5m
BJ	Timber lighting 120° beam height between 19.5m and 20m
BK	Timber lighting 120° beam height between 20.0m and 20.5m
BL	Timber lighting 120° beam height between 20.5m and 21m
BM	Timber lighting 120° beam height between 21.0m and 21.5m
BN	Timber lighting 120° beam height between 21.5m and 22m
BO	Timber lighting 120° beam height between 22.0m and 22.5m
BP	Timber lighting 120° beam height between 22.5m and 23m
BQ	Timber lighting 120° beam height between 23.0m and 23.5m
BR	Timber lighting 120° beam height between 23.5m and 24m
BS	Timber lighting 120° beam height between 24.0m and 24.5m
BT	Timber lighting 120° beam height between 24.5m and 25m
BU	Timber lighting 120° beam height between 25.0m and 25.5m
BV	Timber lighting 120° beam height between 25.5m and 26m
BW	Timber lighting 120° beam height between 26.0m and 26.5m
BX	Timber lighting 120° beam height between 26.5m and 27m
BY	Timber lighting 120° beam height between 27.0m and 27.5m
BZ	Timber lighting 120° beam height between 27.5m and 28m
CA	Timber lighting 120° beam height between 28.0m and 28.5m
CB	Timber lighting 120° beam height between 28.5m and 29m
CC	Timber lighting 120° beam height between 29.0m and 29.5m
CD	Timber lighting 120° beam height between 29.5m and 30m
CE	Timber lighting 120° beam height between 30.0m and 30.5m
CF	Timber lighting 120° beam height between 30.5m and 31m
CG	Timber lighting 120° beam height between 31.0m and 31.5m
CH	Timber lighting 120° beam height between 31.5m and 32m
CI	Timber lighting 120° beam height between 32.0m and 32.5m
CJ	Timber lighting 120° beam height between 32.5m and 33m
CK	Timber lighting 120° beam height between 33.0m and 33.5m
CL	Timber lighting 120° beam height between 33.5m and 34m
CM	Timber lighting 120° beam height between 34.0m and 34.5m
CN	Timber lighting 120° beam height between 34.5m and 35m
CO	Timber lighting 120° beam height between 35.0m and 35.5m
CP	Timber lighting 120° beam height between 35.5m and 36m
CQ	Timber lighting 120° beam height between 36.0m and 36.5m
CR	Timber lighting 120° beam height between 36.5m and 37m
CS	Timber lighting 120° beam height between 37.0m and 37.5m
CT	Timber lighting 120° beam height between 37.5m and 38m
CU	Timber lighting 120° beam height between 38.0m and 38.5m
CV	Timber lighting 120° beam height between 38.5m and 39m
CV	Timber lighting 120° beam height between 39.0m and 39.5m
CV	Timber lighting 120° beam height between 39.5m and 40m
CV	Timber lighting 120° beam height between 40.0m and 40.5m
CV	Timber lighting 120° beam height between 40.5m and 41m
CV	Timber lighting 120° beam height between 41.0m and 41.5m
CV	Timber lighting 120° beam height between 41.5m and 42m
CV	Timber lighting 120° beam height between 42.0m and 42.5m
CV	Timber lighting 120° beam height between 42.5m and 43m
CV	Timber lighting 120° beam height between 43.0m and 43.5m
CV	Timber lighting 120° beam height between 43.5m and 44m
CV	Timber lighting 120° beam height between 44.0m and 44.5m
CV	Timber lighting 120° beam height between 44.5m and 45m
CV	Timber lighting 120° beam height between 45.0m and 45.5m
CV	Timber lighting 120° beam height between 45.5m and 46m
CV	Timber lighting 120° beam height between 46.0m and 46.5m
CV	Timber lighting 120° beam height between 46.5m and 47m
CV	Timber lighting 120° beam height between 47.0m and 47.5m
CV	Timber lighting 120° beam height between 47.5m and 48m
CV	Timber lighting 120° beam height between 48.0m and 48.5m
CV	Timber lighting 120° beam height between 48.5m and 49m
CV	Timber lighting 120° beam height between 49.0m and 49.5m
CV	Timber lighting 120° beam height between 49.5m and 50m
CV	Timber lighting 120° beam height between 50.0m and 50.5m
CV	Timber lighting 120° beam height between 50.5m and 51m
CV	Timber lighting 120° beam height between 51.0m and 51.5m
CV	Timber lighting 120° beam height between 51.5m and 52m
CV	Timber lighting 120° beam height between 52.0m and 52.5m
CV	Timber lighting 120° beam height between 52.5m and 53m
CV	Timber lighting 120° beam height between 53.0m and 53.5m
CV	Timber lighting 120° beam height between 53.5m and 54m
CV	Timber lighting 120° beam height between 54.0m and 54.5m
CV	Timber lighting 120° beam height between 54.5m and 55m
CV	Timber lighting 120° beam height between 55.0m and 55.5m
CV	Timber lighting 120° beam height between 55.5m and 56m
CV	Timber lighting 120° beam height between 56.0m and 56.5m
CV	Timber lighting 120° beam height between 56.5m and 57m
CV	Timber lighting 120° beam height between 57.0m and 57.5m
CV	Timber lighting 120° beam height between 57.5m and 58m
CV	Timber lighting 120° beam height between 58.0m and 58.5m
CV	Timber lighting 120° beam height between 58.5m and 59m
CV	Timber lighting 120° beam height between 59.0m and 59.5m
CV	Timber lighting 120° beam height between 59.5m and 60m
CV	Timber lighting 120° beam height between 60.0m and 60.5m
CV	Timber lighting 120° beam height between 60.5m and 61m
CV	Timber lighting 120° beam height between 61.0m and 61.5m
CV	Timber lighting 120° beam height between 61.5m and 62m
CV	Timber lighting 120° beam height between 62.0m and 62.5m
CV	Timber lighting 120° beam height between 62.5m and 63m
CV	Timber lighting 120° beam height between 63.0m and 63.5m
CV	Timber lighting 120° beam height between 63.5m and 64m
CV	Timber lighting 120° beam height between 64.0m and 64.5m
CV	Timber lighting 120° beam height between 64.5m and 65m
CV	Timber lighting 120° beam height between 65.0m and 65.5m
CV	Timber lighting 120° beam height between 65.5m and 66m
CV	Timber lighting 120° beam height between 66.0m and 66.5m
CV	Timber lighting 120° beam height between 66.5m and 67m
CV	Timber lighting 120° beam height between 67.0m and 67.5m
CV	Timber lighting 120° beam height between 67.5m and 68m
CV	Timber lighting 120° beam height between 68.0m and 68.5m
CV	Timber lighting 120° beam height between 68.5m and 69m
CV	Timber lighting 120° beam height between 69.0m and 69.5m
CV	Timber lighting 120° beam height between 69.5m and 70m
CV	Timber lighting 120° beam height between 70.0m and 70.5m
CV	Timber lighting 120° beam height between 70.5m and 71m
CV	Timber lighting 120° beam height between 71.0m and 71.5m
CV	Timber lighting 120° beam height between 71.5m and 72m
CV	Timber lighting 120° beam height between 72.0m and 72.5m
CV	Timber lighting 120° beam height between 72.5m and 73m
CV	Timber lighting 120° beam height between 73.0m and 73.5m
CV	Timber lighting 120° beam height between 73.5m and 74m
CV	Timber lighting 120° beam height between 74.0m and 74.5m
CV	Timber lighting 120° beam height between 74.5m and 75m
CV	Timber lighting 120° beam height between 75.0m and 75.5m
CV	Timber lighting 120° beam height between 75.5m and 76m
CV	Timber lighting 120° beam height between 76.0m and 76.5m
CV	Timber lighting 120° beam height between 76.5m and 77m
CV	Timber lighting 120° beam height between 77.0m and 77.5m
CV	Timber lighting 120° beam height between 77.5m and 78m
CV	Timber lighting 120° beam height between 78.0m and 78.5m
CV	Timber lighting 120° beam height between 78.5m and 79m
CV	Timber lighting 120° beam height between 79.0m and 79.5m
CV	Timber lighting 120° beam height between 79.5m and 80m
CV	Timber lighting 120° beam height between 80.0m and 80.5m
CV	Timber lighting 120° beam height between 80.5m and 81m
CV	Timber lighting 120° beam height between 81.0m and 81.5m
CV	Timber lighting 120° beam height between 81.5m and 82m
CV	Timber lighting 120° beam height between 82.0m and 82.5m
CV	Timber lighting 120° beam height between 82.5m and 83m
CV	Timber lighting 120° beam height between 83.0m and 83.5m
CV	Timber lighting 120° beam height between 83.5m and 84m
CV	Timber lighting 120° beam height between 84.0m and 84.5m
CV	Timber lighting 120° beam height between 84.5m and 85m
CV	Timber lighting 120° beam height between 85.0m and 85.5m
CV	Timber lighting 120° beam height between 85.5m and 86m
CV	Timber lighting 120° beam height between 86.0m and 86.5m
CV	Timber lighting 120° beam height between 86.5m and 87m
CV	Timber lighting 120° beam height between 87.0m and 87.5m
CV	Timber lighting 120° beam height between 87.5m and 88m
CV	Timber lighting 120° beam height between 88.0m and 88.5m
CV	Timber lighting 120° beam height between 88.5m and 89m
CV	Timber lighting 120° beam height between 89.0m and 89.5m
CV	Timber lighting 120° beam height between 89.5m and 90m
CV	Timber lighting 120° beam height between 90.0m and 90.5m
CV	Timber lighting 120° beam height between 90.5m and 91m
CV	Timber lighting 120° beam height between 91.0m and 91.5m
CV	Timber lighting 120° beam height between 91.5m and 92m
CV	Timber lighting 120° beam height between 92.0m and 92.5m
CV	Timber lighting 120° beam height between 92.5m and 93m
CV	Timber lighting 120° beam height between 93.0m and 93.5m
CV	Timber lighting 120° beam height between 93.5m and 94m
CV	Timber lighting 120° beam height between 94.0m and 94.5m
CV	Timber lighting 120° beam height between 94.5m and 95m
CV	Timber lighting 120° beam height between 95.0m and 95.5m
CV	Timber lighting 120° beam height between 95.5m and 96m
CV	Timber lighting 120° beam height between 96.0m and 96.5m
CV	Timber lighting 120° beam height between 96.5m and 97m
CV	Timber lighting 120° beam height between 97.0m and 97.5m
CV	Timber lighting 120° beam height between 97.5m and 98m
CV	Timber lighting 120° beam height between 98.0m and 98.5m
CV	Timber lighting 120° beam height between 98.5m and 99m
CV	Timber lighting 120° beam height between 99.0m and 99.5m
CV	Timber lighting 120° beam height between 99.5m and 100m

Isolines

- 5.0 lx
- 10.0 lx
- 20.0 lx
- 30.0 lx
- 50.0 lx

Hardwood fencing and gates

Vehicle Access security gates

2.4m Palisade Security Fence

Fixed stainless steel mitred-top bollards

Fixed stainless steel mitred-top bollards

Retractable Bollards

New signage illuminated pylons for all three brands by others. Location to be confirmed. Contractor to allow for foundation and power

Fixed stainless steel mitred-top bollards

Client	Cambria	
Project	Grange Multi-Brand Hatfield	
Drawing Title	Proposed External Lighting Layout Site Plan.	
Scale: 1:250 @ A0	Date: September 2017	
Drawn: AG	Checked: RJC	
Drawing No.: 17.046/E/26	Rev / P0	

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