

## **APPENDIX 18.5 LIGHT POLLUTION**



## Appendix 18.5

**Light Pollution**



Sources of information

**SQUIRE & PARTNERS**

3DView-{3D-kh}.dwg  
Received 04/01/18

**APR SERVICES**

Topographical Survey.pdf  
Received 22/09/16

**CLOUD 10**

Stag Brewery East end 15-09-16.dwg  
11263\_Stag Brewery\_MASTER.dwg  
Stag Brewery West end 22-09-16 Pt1.  
dwg  
Stag Brewery West end 23-09-16.dwg  
The Ship PH.dwg  
Jolly Gardeners.dwg  
Received 11/10/16

**EB7 Ltd**

Site Photographs  
Ordnance Survey



NORTH



Project The Stag Brewery  
SW14 7ET

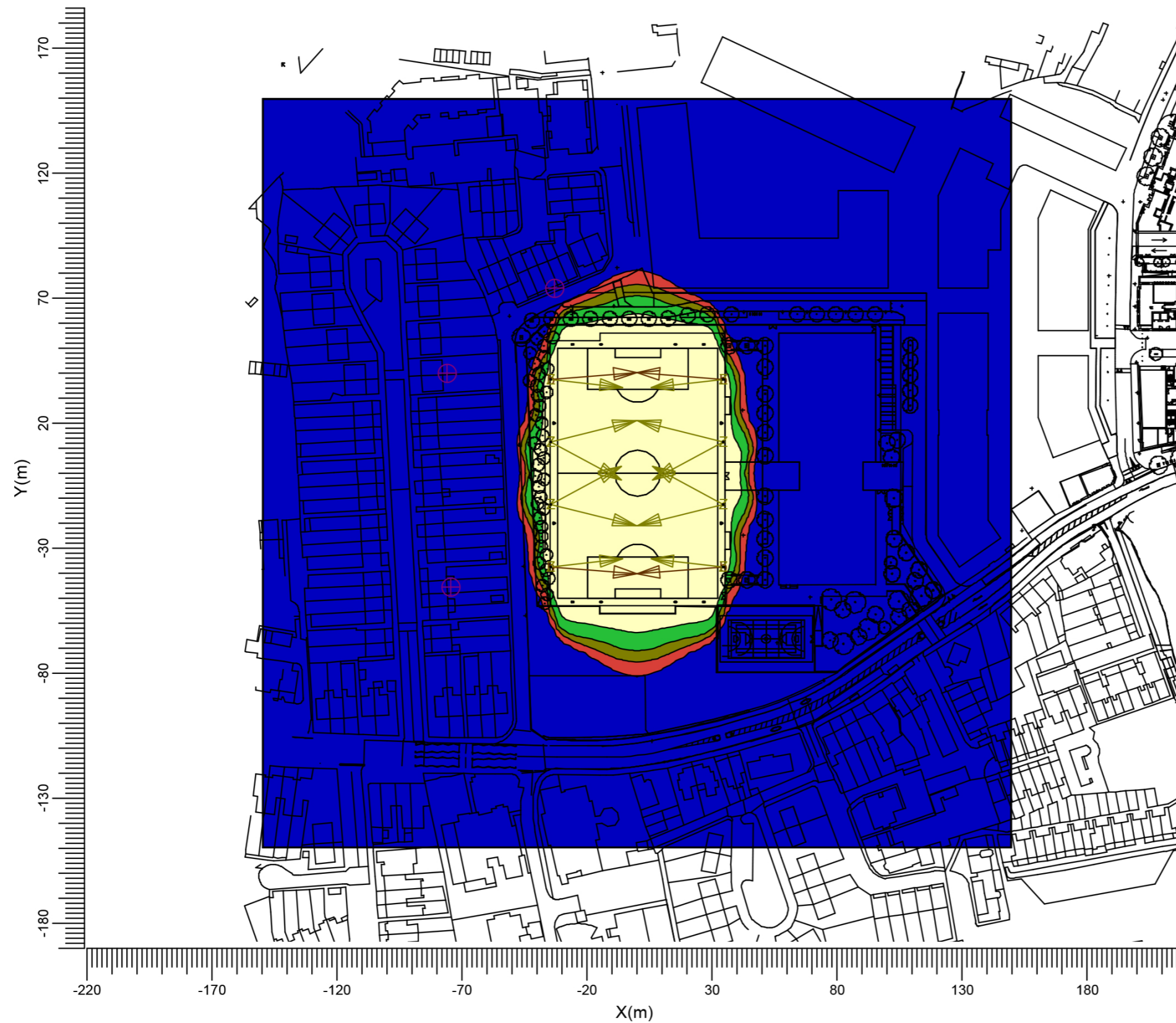
Title Existing Light Levels

Drawn DB Checked --

Date 14/02/2018 Rel no. 01

Drawing no. 2201-LP01





Sources of information

**SQUIRE & PARTNERS**

3DView-3D-kh.dwg  
Received 04/01/18

**APR SERVICES**

Topographical Survey.pdf  
Received 22/09/16

**CLOUD 10**

Stag Brewery East end 15-09-16.dwg  
11263\_Stag Brewery\_MASTER.dwg  
Stag Brewery West end 22-09-16 Pt1.dwg  
Stag Brewery West end 23-09-16.dwg  
The Ship PH.dwg  
Jolly Gardeners.dwg  
Received 11/10/16

**EB7 Ltd**

Site Photographs  
Ordnance Survey

NORTH



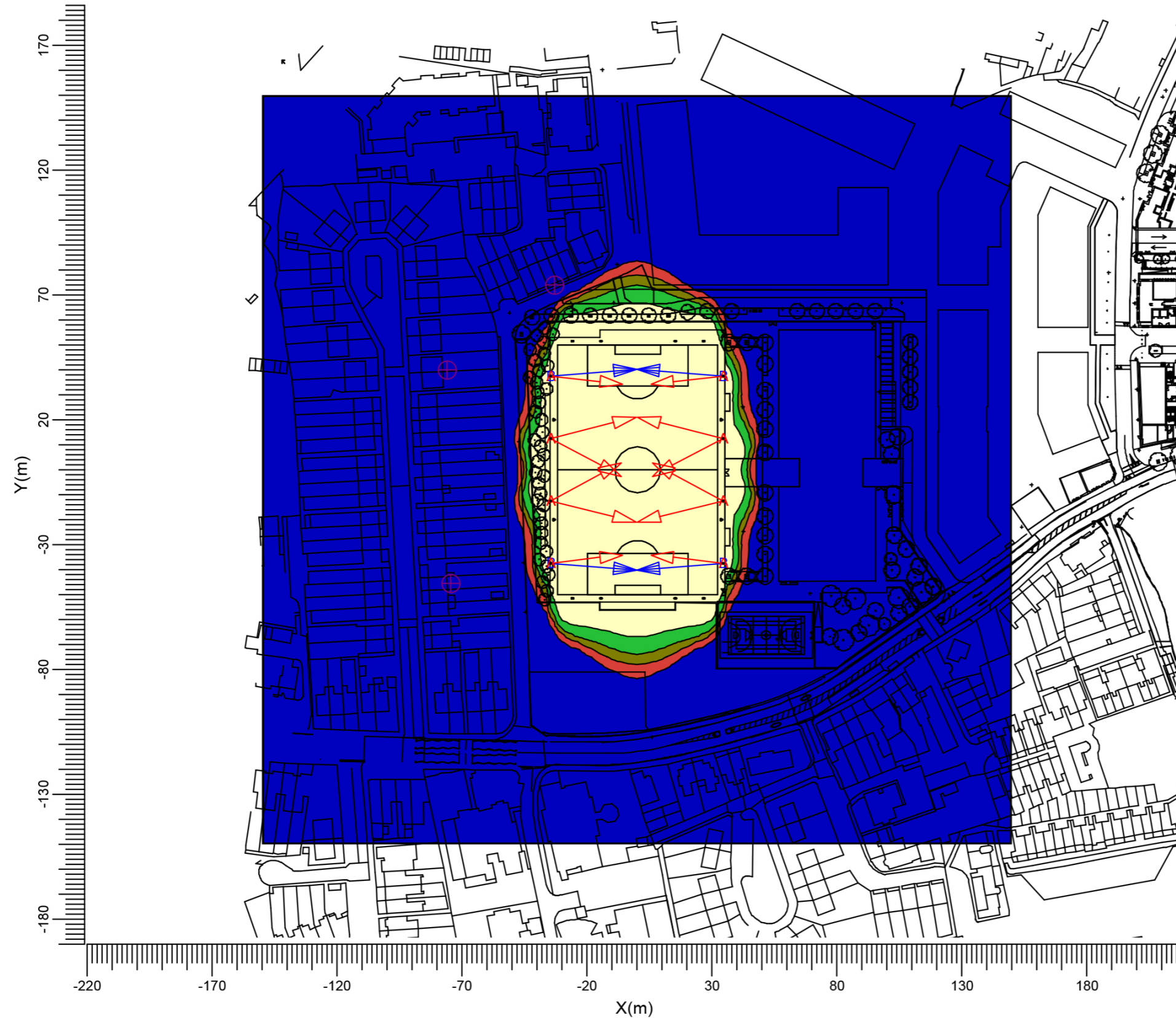
Project The Stag Brewery  
SW14 7ET

Title Light Spill Grid (lux)  
(Class III FA Standard)

Drawn DB Checked --

Date 14/02/2018 Rel no. 01

Drawing no. 2201-LP02



Sources of information

**SQUIRE & PARTNERS**

3DView-{3D-kh}.dwg  
Received 04/01/18

**APR SERVICES**

Topographical Survey.pdf  
Received 22/09/16

**CLOUD 10**

Stag Brewery East end 15-09-16.dwg  
11263\_Stag Brewery\_MASTER.dwg  
Stag Brewery West end 22-09-16 Pt1.dwg  
Stag Brewery West end 23-09-16.dwg  
The Ship PH.dwg  
Jolly Gardeners.dwg  
Received 11/10/16

**EB7 Ltd**

Site Photographs  
Ordnance Survey

NORTH



Project The Stag Brewery  
SW14 7ET

Title Light Spill Grid (lux)  
(Class II)

Drawn DB Checked --

Date 14/02/2018 Rel no. 01

Drawing no. 2201-LP03

Sources of information

**SQUIRE & PARTNERS**

3DView-{3D-kh}.dwg  
 Received 04/01/18

**APR SERVICES**

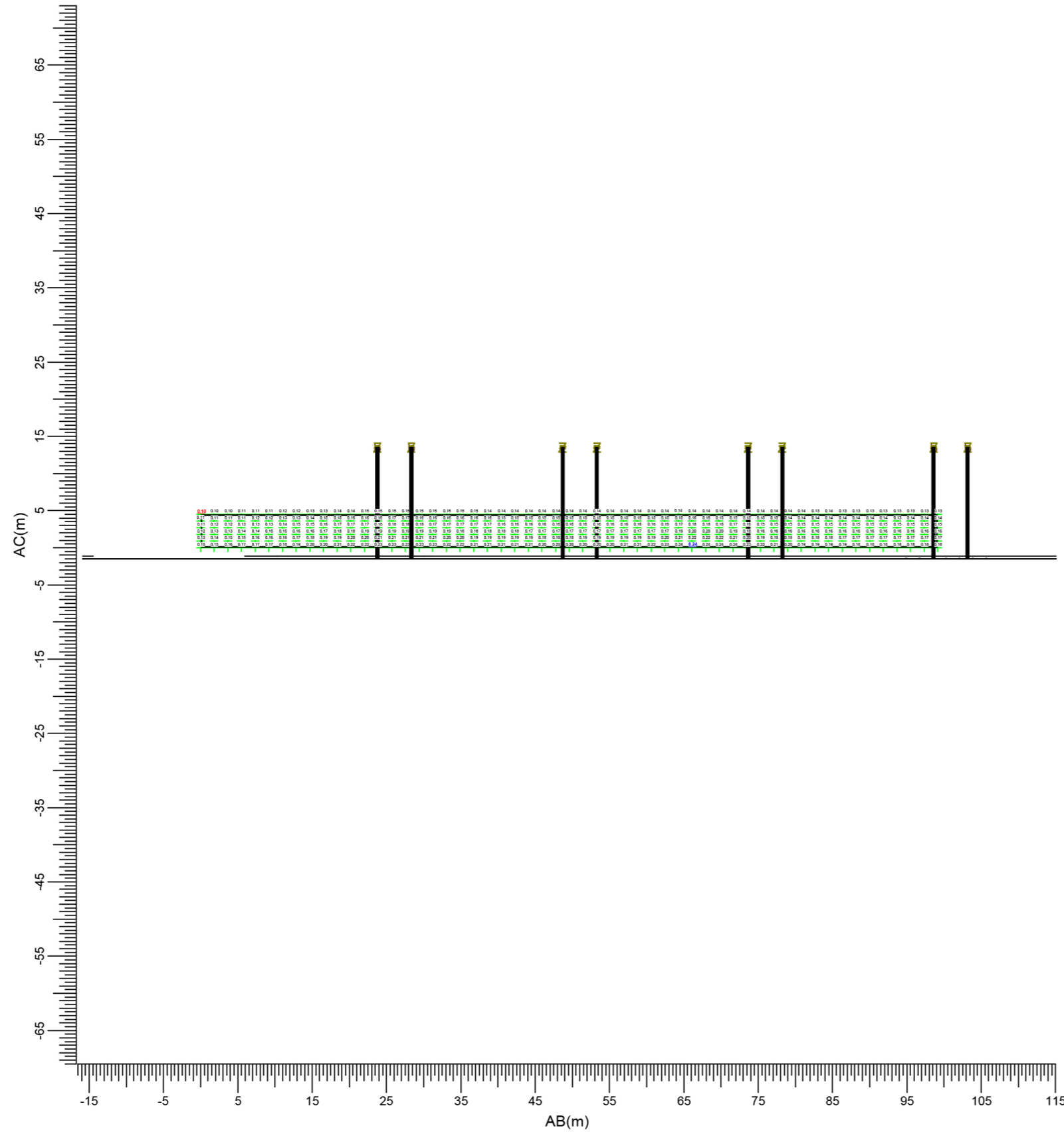
Topographical Survey.pdf  
 Received 22/09/16

**CLOUD 10**

Stag Brewery East end 15-09-16.dwg  
 11263\_Stag Brewery\_MASTER.dwg  
 Stag Brewery West end 22-09-16 Pt1.dwg  
 Stag Brewery West end 23-09-16.dwg  
 The Ship PH.dwg  
 Jolly Gardeners.dwg  
 Received 11/10/16

**EB7 Ltd**

Site Photographs  
 Ordnance Survey



(-73.29, -68.50, 6.00) C-----D (-79.88, 30.44, 6.00)  
 (-73.29, -68.50, 1.50) A-----B (-79.88, 30.44, 1.50)

G : BVP525 OUT T15 100K A-VWB/30 N : BVP651 T25 DW10 BL1  
 Z : BVP515 OUT T15 100K A-WB/30 +LO b : BVP515 OUT T15 100K A-NB/30 +LO

Average	Minimum	Maximum	Min/Ave	Min/Max	Project maintenance factor	Scale
0.17	0.10	0.24	0.61	0.43	1.00	1:750



Project The Stag Brewery  
 SW14 7ET

Title Light Spill on facades of houses  
 to the west (lux) (Class III FA  
 Standard)

Drawn DB Checked --

Date 14/02/2018 Rel no. 01

Drawing no. 2201-LP04



Sources of information

**SQUIRE & PARTNERS**

3DView-{3D-kh}.dwg  
 Received 04/01/18

**APR SERVICES**

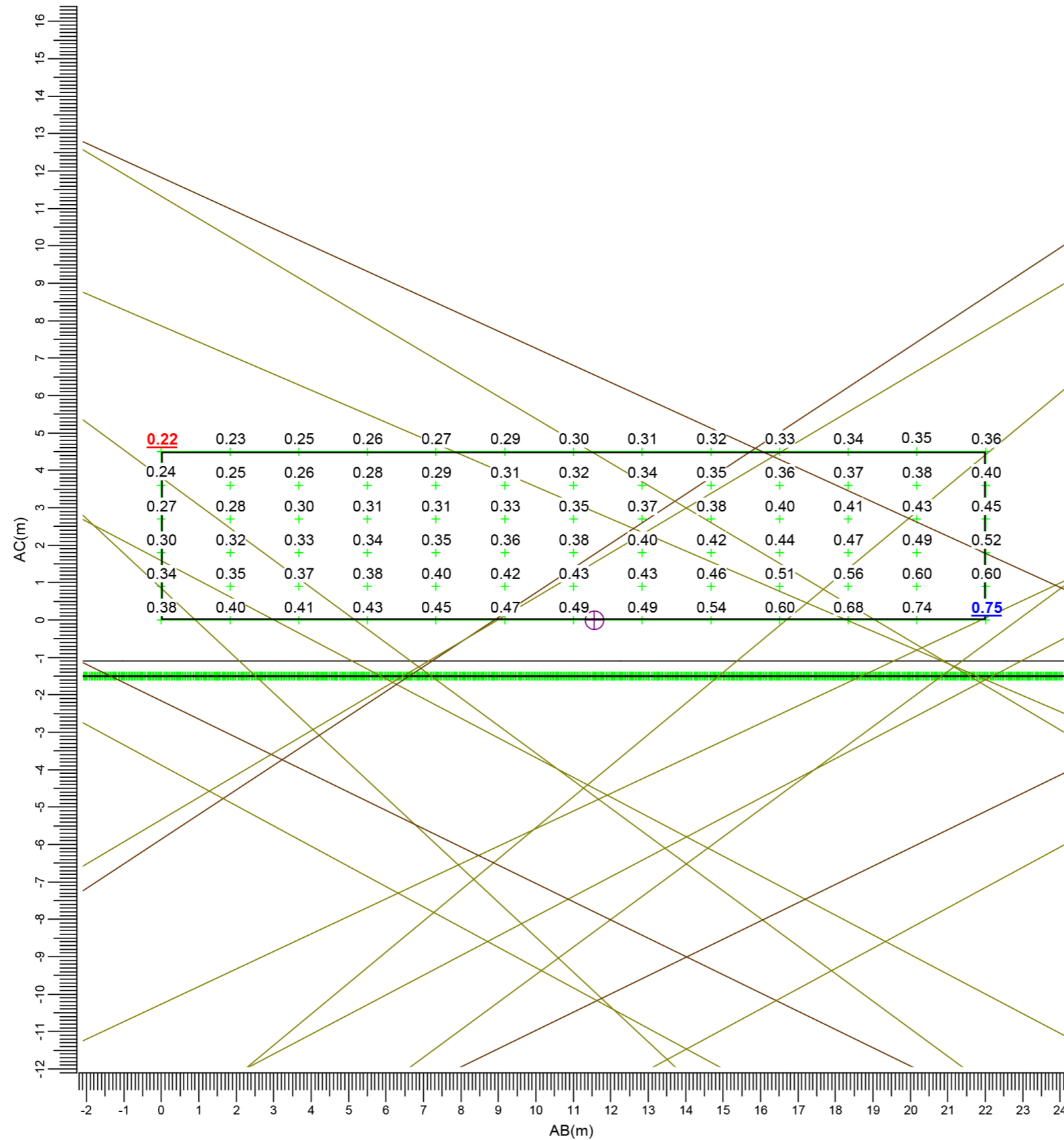
Topographical Survey.pdf  
 Received 22/09/16

**CLOUD 10**

Stag Brewery East end 15-09-16.dwg  
 11263\_Stag Brewery\_MASTER.dwg  
 Stag Brewery West end 22-09-16 Pt1.dwg  
 Stag Brewery West end 23-09-16.dwg  
 The Ship PH.dwg  
 Jolly Gardeners.dwg  
 Received 11/10/16

**EB7 Ltd**

Site Photographs  
 Ordnance Survey



(-43.90, 70.10, 6.00) C-----D (-23.54, 78.45, 6.00)  
 (-43.90, 70.10, 1.50) A-----B (-23.54, 78.45, 1.50)

- G ▶ BVP525 OUT T15 100K A-VWB/ N
- Z ▶ BVP515 OUT T15 100K A-WB/3 b
- ▶ BVP651 T25 DW10 BL1
- ▶ BVP515 OUT T15 100K A-NB/30

Average	Minimum	Maximum	Min/Ave	Min/Max	CV	Project maintenance factor	Scale
0.39	0.22	0.75	0.55	0.29	0.281	0.90	1:150



Project The Stag Brewery  
 SW14 7ET

Title Light Spill on facades of houses  
 to the North West (lux)  
 (Class III FA Standard)

Drawn DB Checked --

Date 14/02/2018 Rel no. 01

Drawing no. 2201-LP05

Sources of information

**SQUIRE & PARTNERS**

3DView-{3D-kh}.dwg  
 Received 04/01/18

**APR SERVICES**

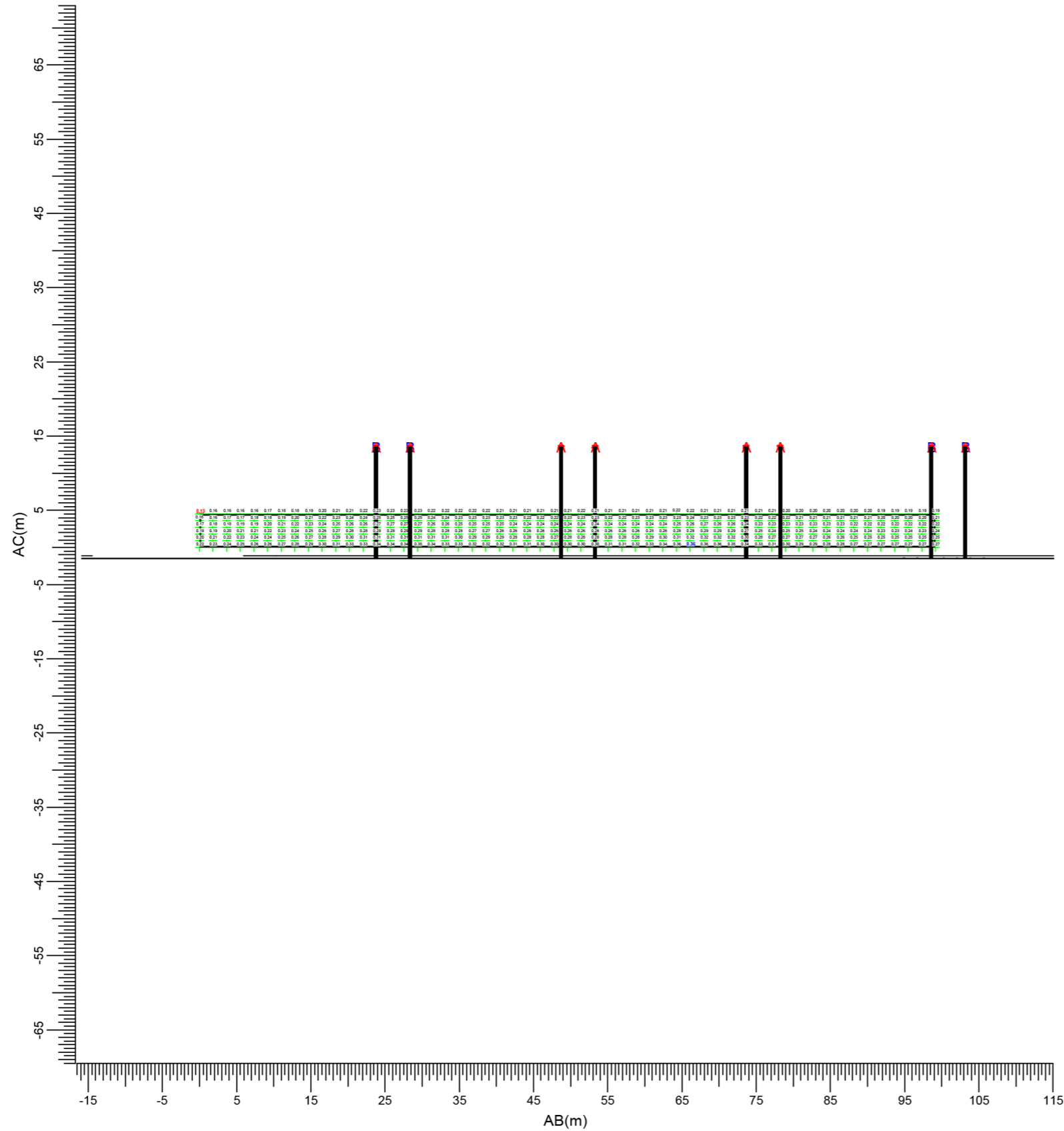
Topographical Survey.pdf  
 Received 22/09/16

**CLOUD 10**

Stag Brewery East end 15-09-16.dwg  
 11263\_Stag Brewery\_MASTER.dwg  
 Stag Brewery West end 22-09-16 Pt1.dwg  
 Stag Brewery West end 23-09-16.dwg  
 The Ship PH.dwg  
 Jolly Gardeners.dwg  
 Received 11/10/16

**EB7 Ltd**

Site Photographs  
 Ordnance Survey



(-73.29, -68.50, 6.00) C-----D (-79.88, 30.44, 6.00)  
 (-73.29, -68.50, 1.50) A-----B (-79.88, 30.44, 1.50)

A : BVP525 OUT T15 100K A-WB/30 +LO      B : BVP525 OUT T15 100K A-NB/30 +LO  
 H : BVP525 OUT T15 100K A-VWB/30      O : BVP651 T25 DW10 BL1

Average	Minimum	Maximum	Min/Ave	Min/Max	Project maintenance factor	Scale
0.25	0.15	0.36	0.61	0.43	1.00	1:750



Project The Stag Brewery  
 SW14 7ET

Title Light Spill on houses to the west  
 (lux)  
 (Class II)

Drawn DB      Checked --

Date 14/02/2018      Rel no. 01

Drawing no. 2201-LP06



Sources of information

**SQUIRE & PARTNERS**

3DView-{3D-kh}.dwg  
 Received 04/01/18

**APR SERVICES**

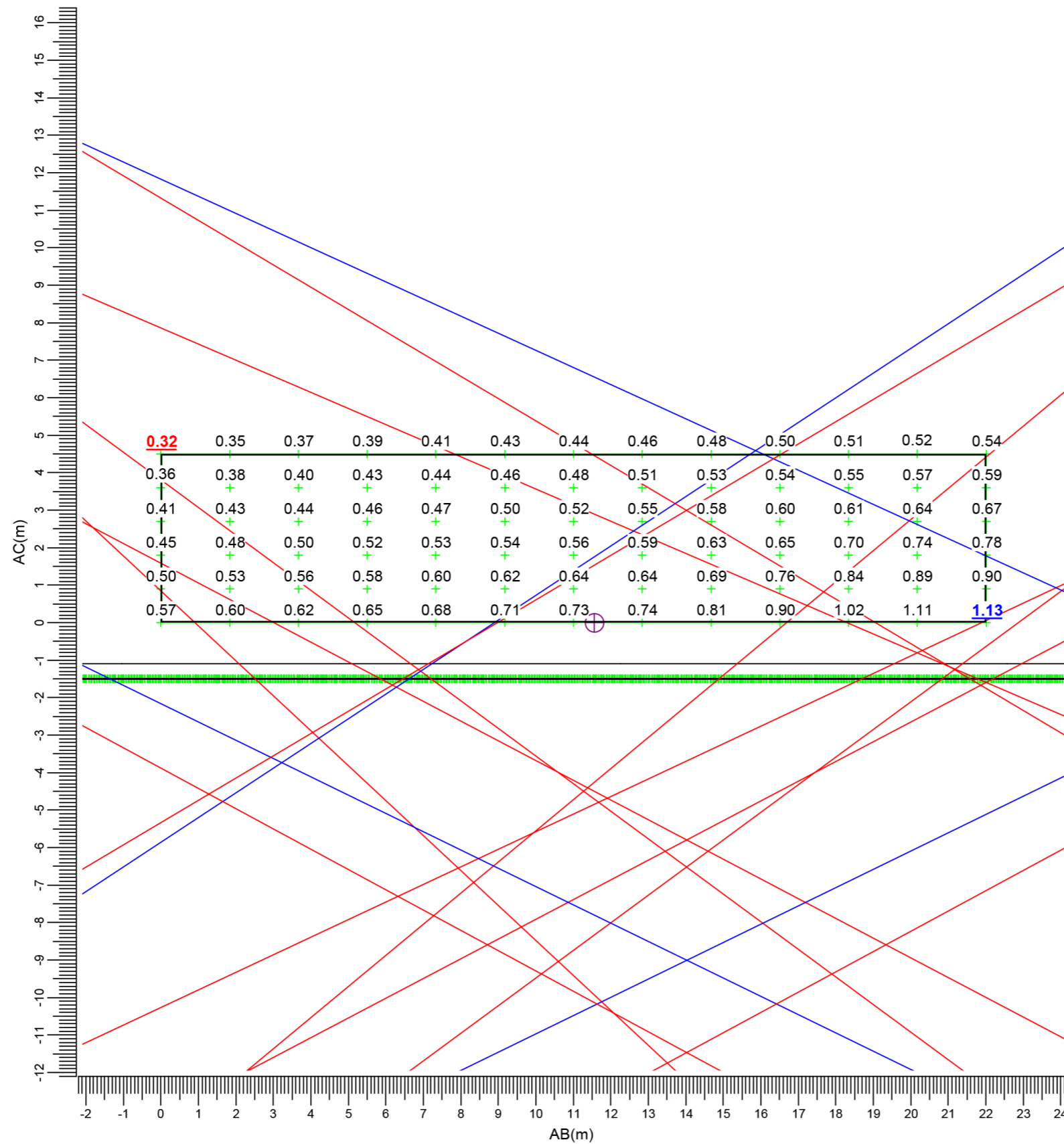
Topographical Survey.pdf  
 Received 22/09/16

**CLOUD 10**

Stag Brewery East end 15-09-16.dwg  
 11263\_Stag Brewery\_MASTER.dwg  
 Stag Brewery West end 22-09-16 Pt1.dwg  
 Stag Brewery West end 23-09-16.dwg  
 The Ship PH.dwg  
 Jolly Gardeners.dwg  
 Received 11/10/16

**EB7 Ltd**

Site Photographs  
 Ordnance Survey



(-43.90, 70.10, 6.00) C-----D (-23.54, 78.45, 6.00)  
 (-43.90, 70.10, 1.50) A-----B (-23.54, 78.45, 1.50)

- A ▶ BVP525 OUT T15 100K A-WB/3
- H ▶ BVP525 OUT T15 100K A-VWB/
- B ▶ BVP525 OUT T15 100K A-NB/30
- O ▶ BVP651 T25 DW10 BL1

Average	Minimum	Maximum	Min/Ave	Min/Max	CV	Project maintenance factor	Scale
0.58	0.32	1.13	0.55	0.29	0.281	0.90	1:150



Project The Stag Brewery  
 SW14 7ET

Title Light Spill on facade of houses to  
 the north west (lux)  
 (Class II)

Drawn DB Checked --

Date 14/02/2018 Rel no. 01

Drawing no. 2201-LP07