

**DATE:** 30 August 2018  
**DESIGNER:** Michael Lannon  
**PROJECT No:** 6004  
**PROJECT NAME:** Wilsons Auctions



## Outdoor Lighting Report

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## Layout Report

### General Data

Dimensions in Metres Angles in Degrees  
Grid Origin 705192.9m x 729261.7m  
Area 373.2m x 307.5m  
Sample Spacing 1.49m x 1.49m

### Luminaires

#### Luminaire A Data

Supplier	
Type	Boreas 1150 E72 HS
Lamp(s)	NAV-TS 150W SUPER 4Y RX7S-24
LampFlux(klm)/Colour	15.00 2000/25
File Name	Boreas 1150 E72 HS.klt
Maintenance Factor	0.80
Imax70,80,90(cd/klm)	106.0, 48, 0.3
No. In Project	11

#### Luminaire B Data

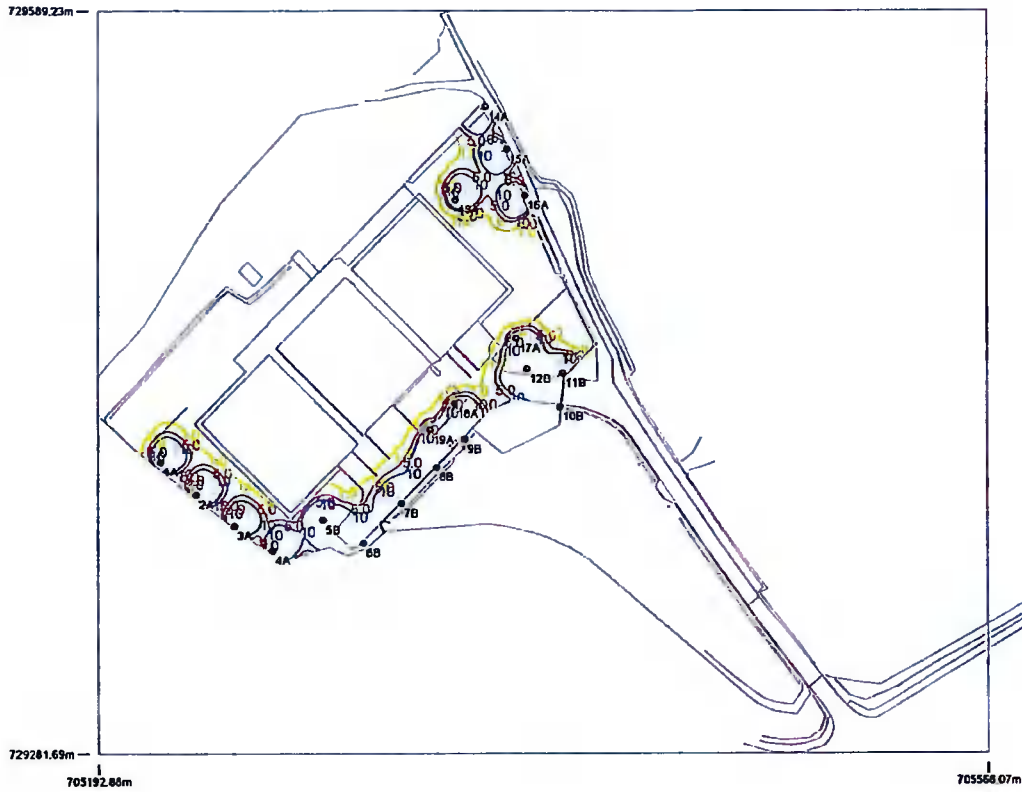
Supplier	
Type	Boreas 1250 E75 HS
Lamp(s)	NAV-T 250W SUPER 4Y CLEAR E40
LampFlux(klm)/Colour	33.20 2000/20
File Name	Boreas 1250 E75 HS.klt
Maintenance Factor	0.80
Imax70,80,90(cd/klm)	78.6, 32, 0.4
No. In Project	8

### Layout

No.	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	705218.69	729402.76	6.00	47.00	0.00	0.00	0.40			
2	A	705233.98	729389.28	6.00	46.00	0.00	0.00	0.40			
3	A	705249.91	729376.38	6.00	45.00	0.00	0.00	0.40			
4	A	705265.89	729366.15	6.00	45.00	0.00	0.00	0.40			
5	B	705286.86	729378.89	6.00	319.00	0.00	0.00	0.40			
6	B	705303.75	729369.37	6.00	137.00	0.00	0.00	0.40			
7	B	705319.57	729385.60	6.00	138.00	0.00	0.00	0.40			
8	B	705334.58	729400.74	6.00	141.00	0.00	0.00	0.40			
9	B	705346.43	729412.47	6.00	135.00	0.00	0.00	0.40			
10	B	705386.23	729425.69	6.00	85.00	0.00	0.00	0.40			
11	B	705387.41	729439.53	6.00	264.00	0.00	0.00	0.40			
12	B	705372.73	729441.29	6.00	258.00	0.00	0.00	0.40			
13	A	705342.59	729511.13	6.00	49.00	0.00	0.00	0.40			
14	A	705355.14	729549.35	6.00	222.00	0.00	0.00	0.40			
15	A	705364.14	729532.03	6.00	211.00	0.00	0.00	0.40			
16	A	705371.82	729512.84	6.00	200.00	0.00	0.00	0.40			
17	A	705368.30	729453.84	6.00	319.00	0.00	0.00	0.40			
18	A	705342.16	729426.93	6.00	313.00	0.00	0.00	0.40			
19	A	705331.84	729416.13	6.00	311.00	0.00	0.00	0.40			

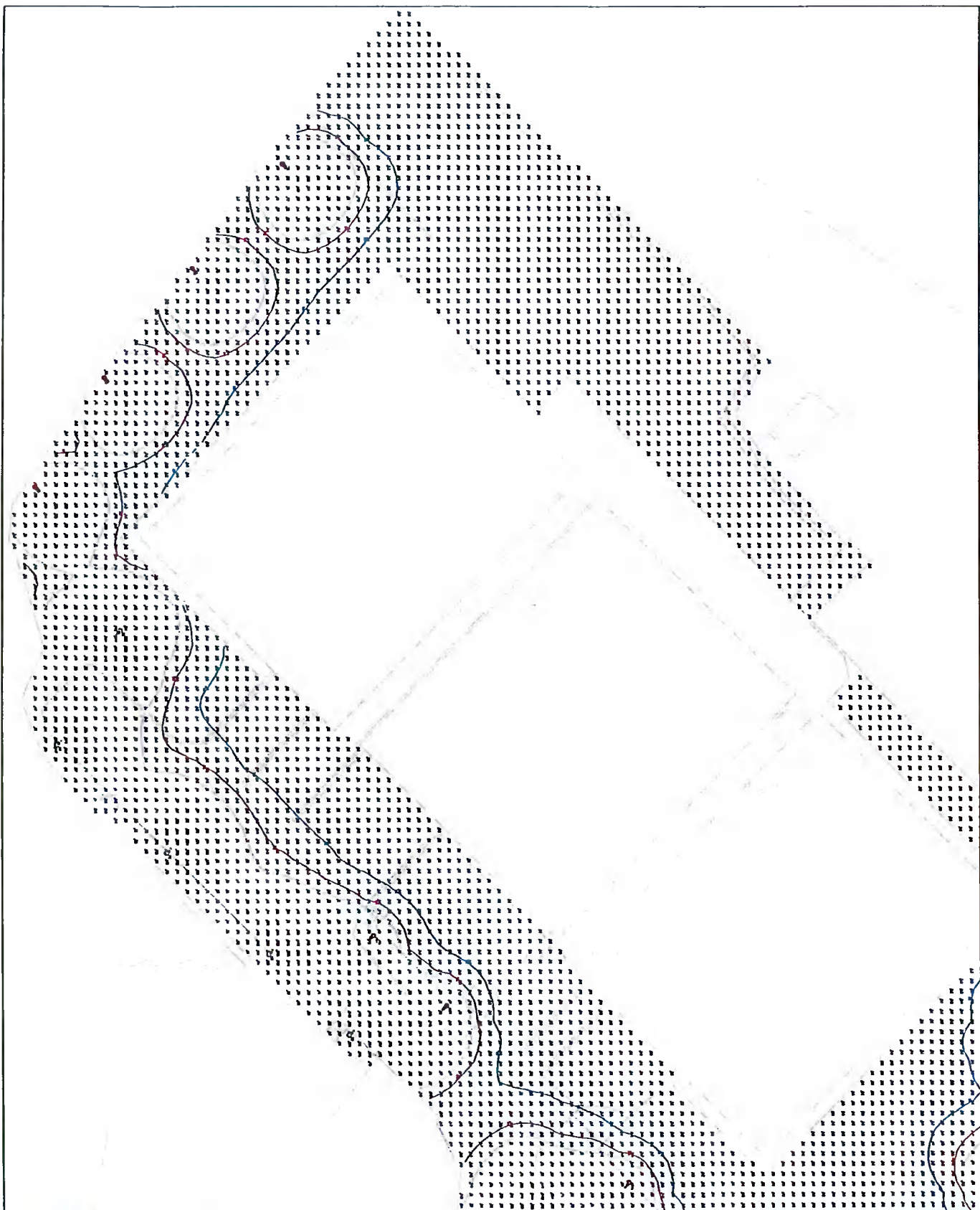
### Horizontal Illuminance (lux)

Grid 1



#### Results

Eav	18.56
Emin	0.00
Emax	408.97
Emin/Emax	0.00
Emin/Eav	0.00



DESIGNED FOR PERMISSION BY THE ROAD TO QUARRY ROAD CONSTRUCTION OF THE WAREHOUSE BUILDING AND ASSOCIATED PAVEMENT.

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Field 1 - Horizontal Runaround (curb)  
 EASE 18.56  
 EASE 40.56  
 EASE 40.57  
 EASE 40.57  
 EASE 40.57  
 EASE 40.57  
 EASE 40.57

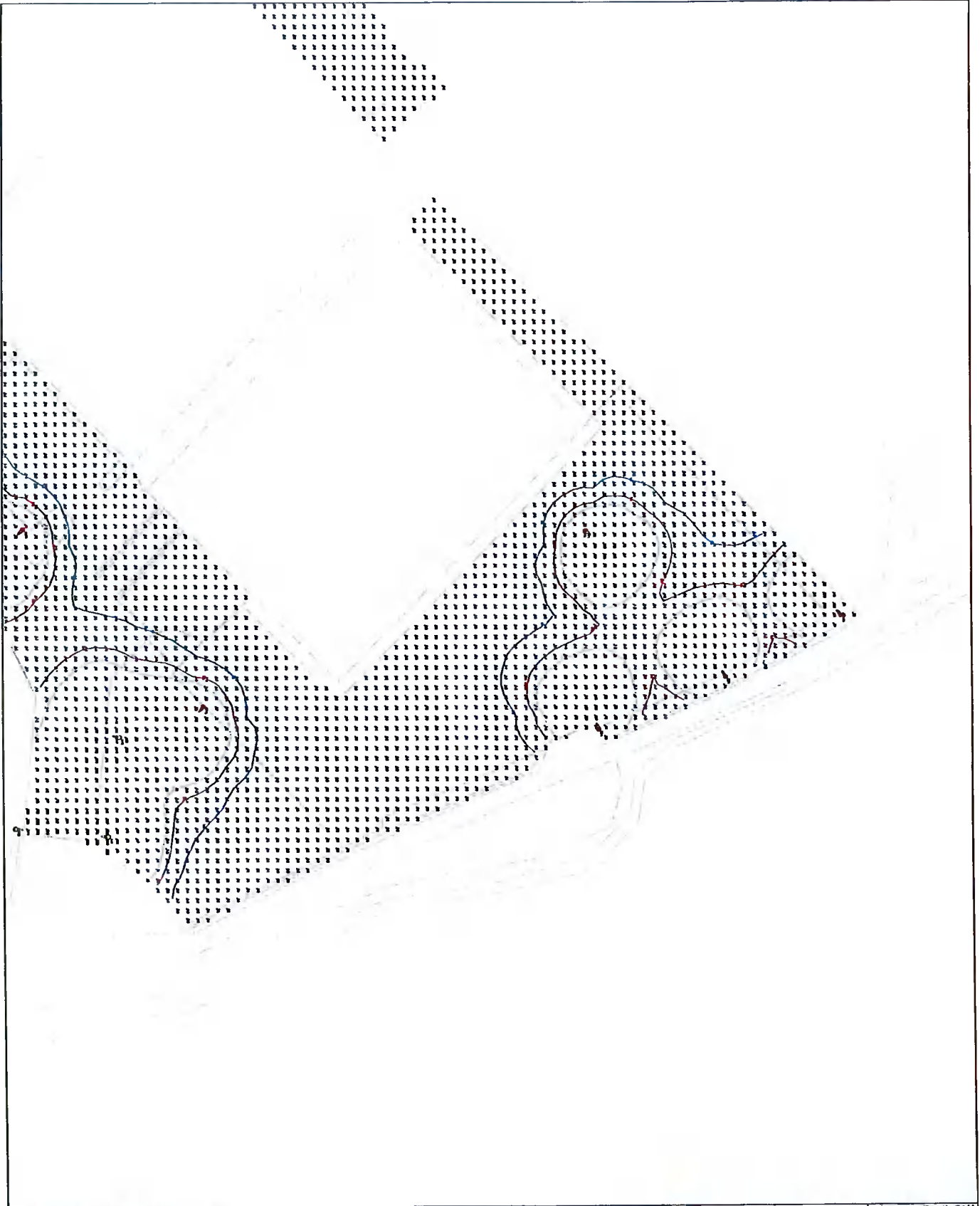
Number Date  
 Lunenburg A Report 1150 675 NS  
 Lunenburg A 1150 675 NS  
 Lunenburg A 1150 675 NS  
 Lunenburg A 1150 675 NS

- Key
- Lunenburg A Column
  - Lunenburg B Column
  - Bean Aiming Target
  - Protrusion Centre
- All Dimensions in metres

**MCDERMOTT CONSTRUCTION**  
 76-78 PARNAMORE ROAD, DUBLIN 15  
 TEL: 01-709-5555 FAX: 01-709-5555  
 WWW.MCDERMOTTCONSTRUCTION.COM

**WILSONS AUCTIONS**  
 KINGSWOOD WAREHOUSE, NALLA ROAD, DUBLIN 22

PROJECT NO.	1000010
SHEET NO.	1 OF 2
DATE	25/07/2011
SCALE	1:500
PROJECT NAME	WILSONS AUCTIONS
CLIENT	WILSONS AUCTIONS
ADDRESS	KINGSWOOD WAREHOUSE, NALLA ROAD, DUBLIN 22



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Grid 1 - Horizontal Illuminance (lux)

Beam 1: 120°

Beam 2: 120°

Beam 3: 120°

Beam 4: 120°

Beam 5: 120°

Beam 6: 120°

Beam 7: 120°

Beam 8: 120°

Beam 9: 120°

Beam 10: 120°

Beam 11: 120°

Beam 12: 120°

Beam 13: 120°

Beam 14: 120°

Beam 15: 120°

Beam 16: 120°

Beam 17: 120°

Beam 18: 120°

Beam 19: 120°

Beam 20: 120°

Beam 21: 120°

Beam 22: 120°

Beam 23: 120°

Beam 24: 120°

Beam 25: 120°

Beam 26: 120°

Beam 27: 120°

Beam 28: 120°

Beam 29: 120°

Beam 30: 120°

Beam 31: 120°

Beam 32: 120°

Beam 33: 120°

Beam 34: 120°

Beam 35: 120°

Beam 36: 120°

Beam 37: 120°

Beam 38: 120°

Beam 39: 120°

Beam 40: 120°

Beam 41: 120°

Beam 42: 120°

Beam 43: 120°

Beam 44: 120°

Beam 45: 120°

Beam 46: 120°

Beam 47: 120°

Beam 48: 120°

Beam 49: 120°

Beam 50: 120°

Beam 51: 120°

Beam 52: 120°

Beam 53: 120°

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Beam 55: 120°

Beam 56: 120°

Beam 57: 120°

Beam 58: 120°

Beam 59: 120°

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Beam 61: 120°

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Beam 63: 120°

Beam 64: 120°

Beam 65: 120°

Beam 66: 120°

Beam 67: 120°

Beam 68: 120°

Beam 69: 120°

Beam 70: 120°

Beam 71: 120°

Beam 72: 120°

Beam 73: 120°

Beam 74: 120°

Beam 75: 120°

Beam 76: 120°

Beam 77: 120°

Beam 78: 120°

Beam 79: 120°

Beam 80: 120°

Beam 81: 120°

Beam 82: 120°

Beam 83: 120°

Beam 84: 120°

Beam 85: 120°

Beam 86: 120°

Beam 87: 120°

Beam 88: 120°

Beam 89: 120°

Beam 90: 120°

Beam 91: 120°

Beam 92: 120°

Beam 93: 120°

Beam 94: 120°

Beam 95: 120°

Beam 96: 120°

Beam 97: 120°

Beam 98: 120°

Beam 99: 120°

Beam 100: 120°

Key

- Luminare A Column
- Luminare B Column
- Beam Aiming Target
- Photometric Centre

All Dimensions in metres

**MORLEY WALSH** INCORPORATED

**WILSONS AUCTIONS**

**KINGSWOOD INTERCHANGE, MAAS ROAD, DUBLIN 22**

**PURE SERVICES LAYOUTS PUBLIC LIGHTING SHEET 2 OF 2**

AVO 2818 ALL 500 /