

- General Notes:**
- The drawing does not necessarily show all the information needed to interpret the design intent or the construction details.
  - The drawing contains information from more than one source and must be read in conjunction with all relevant specifications.
  - Any apparent drafting errors and differences between other drawings and specifications shall be brought to our attention.
- Project Notes:**

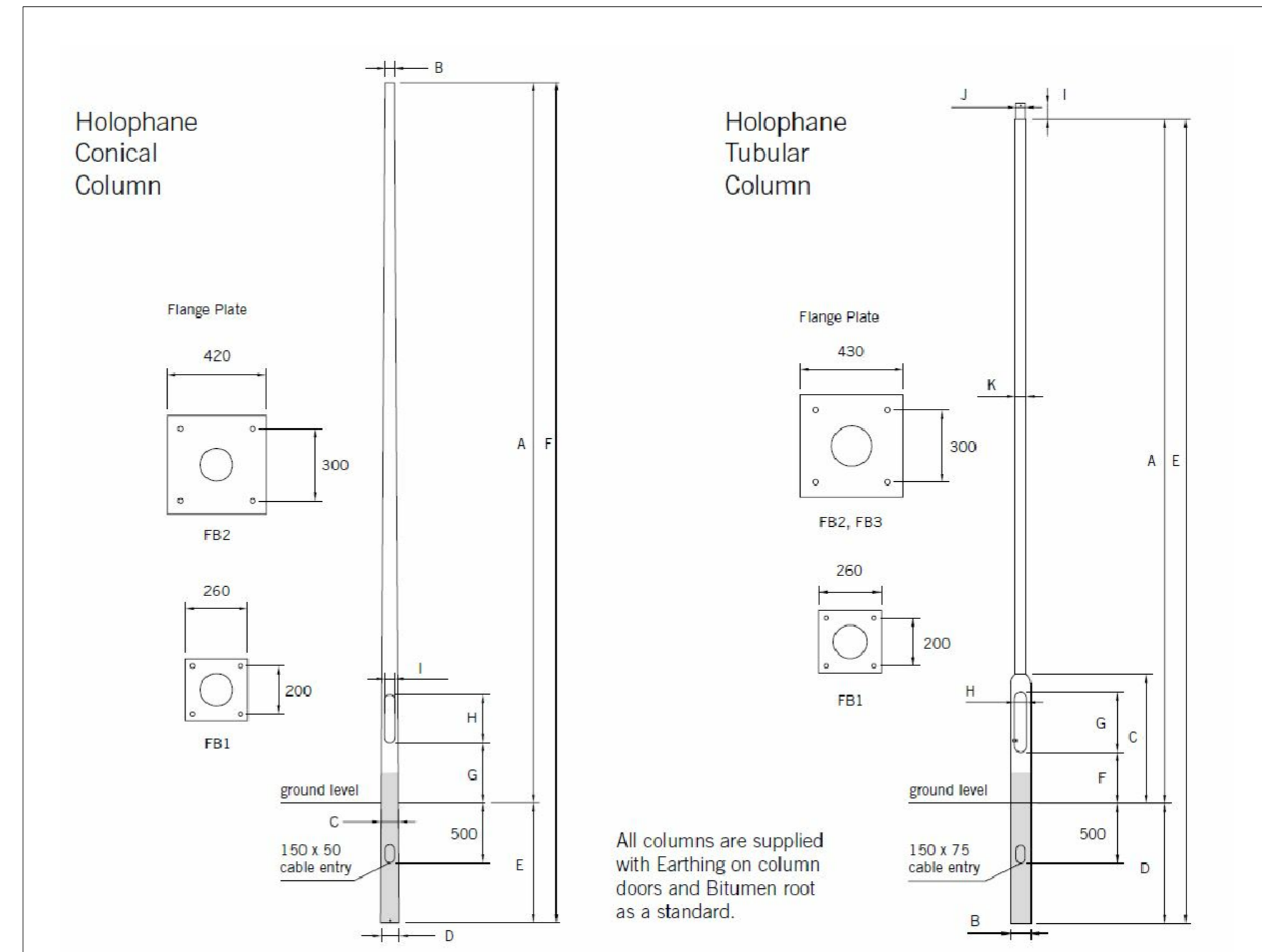
**STATISTICS**

Description	Symbol	Avg	Max	Min	Min/Max	Min/Avg
Roadway	+	20 lux	31 lux	8 lux	0.28	0.40

**LUMINAIRE SCHEDULE**

Symbol	Label	Qty	Catalog Number	Description
⌞	A	11	DSX1.2LA114.AY	D-Series 1 Luminaire
⌞	B	5	DSX1.2LA114.AY	D-Series 1 Luminaire

- A DIE CAST ALUMINIUM SINGLE HEAD MOUNTED 141W LED LUMINAIRE. COMES COMPLETE WITH BM GALVANISED STEEL COLUMN. FINAL COLUMN COLOUR TO BE AGREED WITH CLIENT. MANUFACTURER: HOLOPHANE. RANGE: LED D SERIES 1.
- B AS TYPE A BUT WALL MOUNTED VERSION.



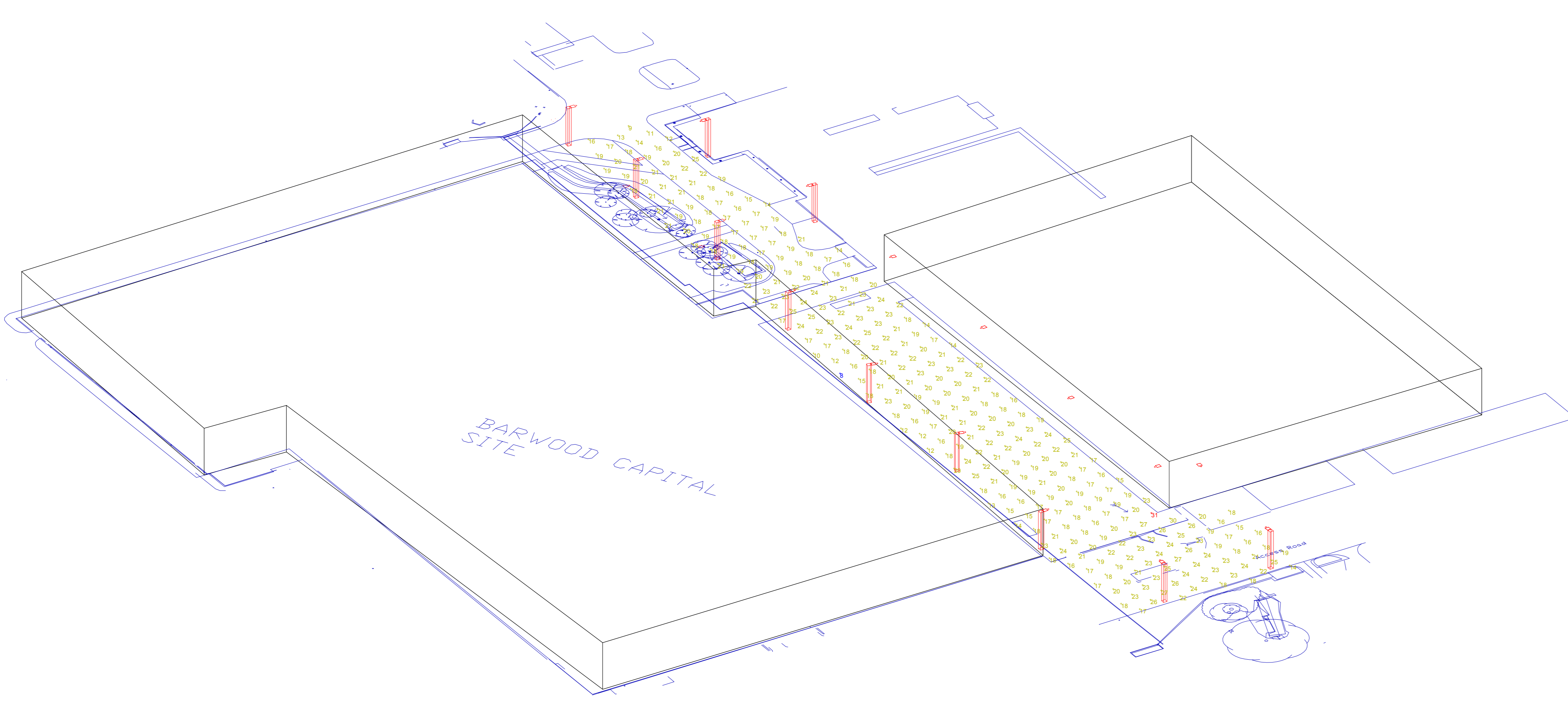
**Holophane Conical Column**

Height (m)	Flange Dia (mm)	Flange Depth (mm)	Flange Thickness (mm)	Flange Weight (kg)	Column Weight (kg)	Total Weight (kg)
1.5	420	300	10	1.2	1.8	3.0
2.0	420	300	10	1.2	2.4	3.6
2.5	420	300	10	1.2	3.0	4.2
3.0	420	300	10	1.2	3.6	4.8
3.5	420	300	10	1.2	4.2	5.4
4.0	420	300	10	1.2	4.8	6.0
4.5	420	300	10	1.2	5.4	6.6
5.0	420	300	10	1.2	6.0	7.2
5.5	420	300	10	1.2	6.6	7.8
6.0	420	300	10	1.2	7.2	8.4
6.5	420	300	10	1.2	7.8	9.0
7.0	420	300	10	1.2	8.4	9.6
7.5	420	300	10	1.2	9.0	10.2
8.0	420	300	10	1.2	9.6	10.8
8.5	420	300	10	1.2	10.2	11.4
9.0	420	300	10	1.2	10.8	12.0
9.5	420	300	10	1.2	11.4	12.6
10.0	420	300	10	1.2	12.0	13.2

**Holophane Tubular Column**

Height (m)	Flange Dia (mm)	Flange Depth (mm)	Flange Thickness (mm)	Flange Weight (kg)	Column Weight (kg)	Total Weight (kg)
1.5	430	300	10	1.3	1.9	3.2
2.0	430	300	10	1.3	2.5	3.8
2.5	430	300	10	1.3	3.1	4.4
3.0	430	300	10	1.3	3.7	5.0
3.5	430	300	10	1.3	4.3	5.6
4.0	430	300	10	1.3	4.9	6.2
4.5	430	300	10	1.3	5.5	6.8
5.0	430	300	10	1.3	6.1	7.4
5.5	430	300	10	1.3	6.7	8.0
6.0	430	300	10	1.3	7.3	8.6
6.5	430	300	10	1.3	7.9	9.2
7.0	430	300	10	1.3	8.5	9.8
7.5	430	300	10	1.3	9.1	10.4
8.0	430	300	10	1.3	9.7	11.0
8.5	430	300	10	1.3	10.3	11.6
9.0	430	300	10	1.3	10.9	12.2
9.5	430	300	10	1.3	11.5	12.8
10.0	430	300	10	1.3	12.1	13.4

TYPICAL COLUMN DETAIL (NOT TO SCALE)



Issue No	Description	Author	Check by	Rev'd by	Date
P3	UPDATED TO INCORPORATE CLIENT COMMENTS 26.11.2016.	ZA	NC	NC	NOV/16
P2	UPDATED TO INCORPORATE CLIENT COMMENTS 24.11.2016.	ZA	NC	NC	NOV/16
P1	PRELIMINARY ISSUE	NC	ZA	NC	NOV/16

**Revisions**

Issue No	Description	Author	Check by	Rev'd by	Date
P3	UPDATED TO INCORPORATE CLIENT COMMENTS 26.11.2016.	ZA	NC	NC	NOV/16
P2	UPDATED TO INCORPORATE CLIENT COMMENTS 24.11.2016.	ZA	NC	NC	NOV/16
P1	PRELIMINARY ISSUE	NC	ZA	NC	NOV/16

**Client:**  
DB SYMMETRY  
GRANGE PARK COURT  
ROMAN WAY  
NORTHAMPTON, NN4 5EA

[www.hoarelea.com](http://www.hoarelea.com)

**Project Title:**  
MONDELEZ  
SEPERATION WORKS

**Drawing Title:**  
ELECTRICAL SYSTEMS  
TYPICAL EXTERNAL LIGHTING STRATEGY

**PRELIMINARY ISSUE**

Drawn by	Designed by	Reviewed by
NC	NC	ZA
Project No	Date	Scale @ A0
0103760	NOVEMBER 2016	1:500 @ A0