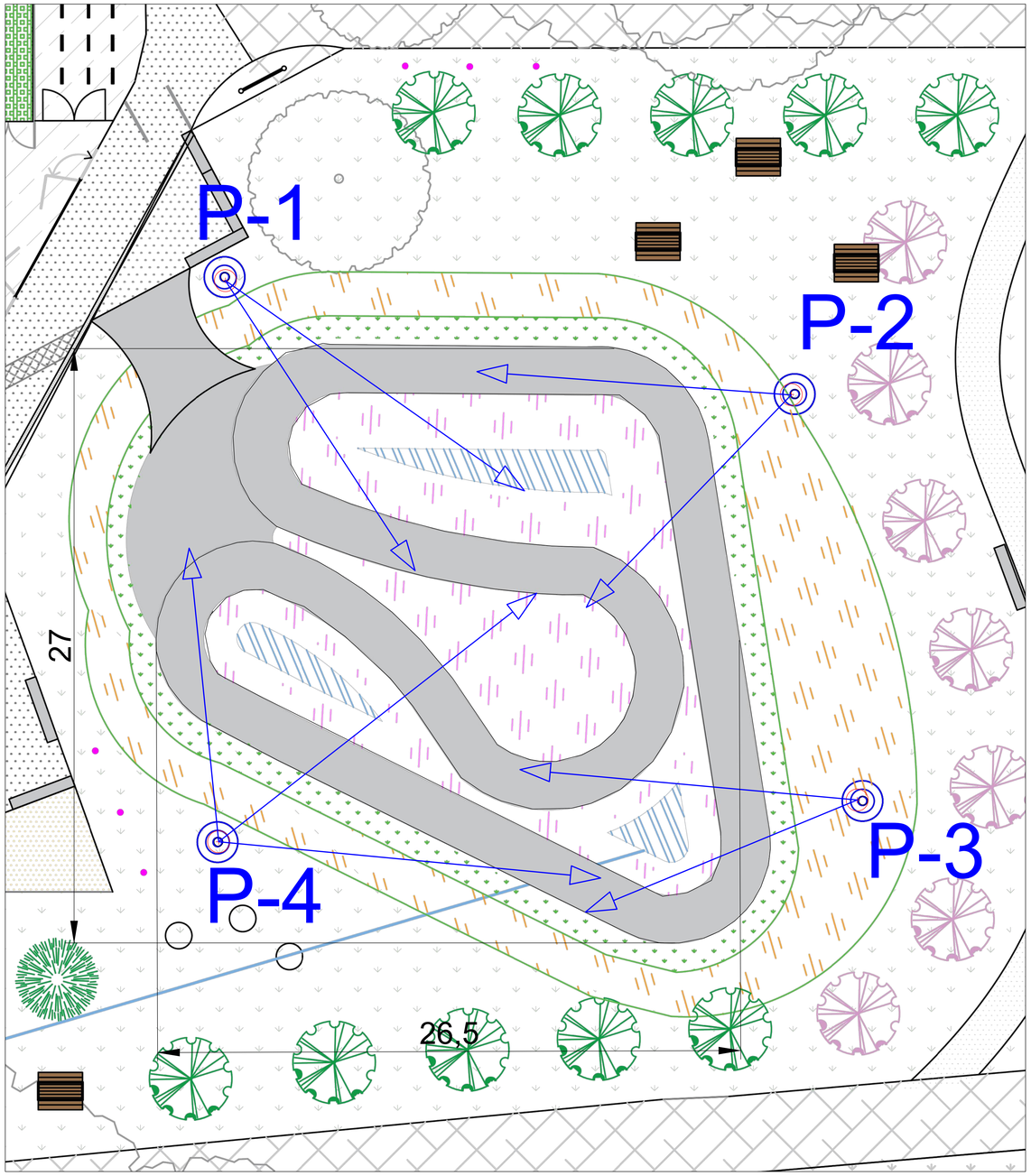
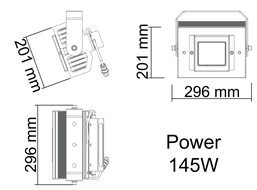


MIDSTREAM LED PROPOSAL								
COLUMN No.	HEIGHT [m]	Luminaire	No. of Luminaires	Wattage	Absorbed Wattage	Consumption per Mast [kW]	Annual Consumption [kWh] [1000h]	Notes
P-1	6	Modus 150 FS (5000K)	2	145	290,0	0,29	290,00	
P-2	6	Modus 150 FS (5000K)	2	145	290,0	0,29	290,00	
P-3	6	Modus 150 FS (5000K)	2	145	290,0	0,29	290,00	
P-4	6	Modus 150 FS (5000K)	3	145	435,0	0,44	435,00	
			9		1305,0	1,305	1305	TOTAL

Calculated Lighting Values			
ML3327 - Delamere Park			
E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	Emin/Eav
102	73	166	0,714

LUMINAIRES USED

MODUS 150



Power
145W

Flux
Up to 16.000lm

Windage
0.09 m^2

Total HM (All)	Total Luminaires (All)	
Maintenance Factor - 0.9	- 4 with height of 6m	- 9 x Modus 150 FS (5000K)

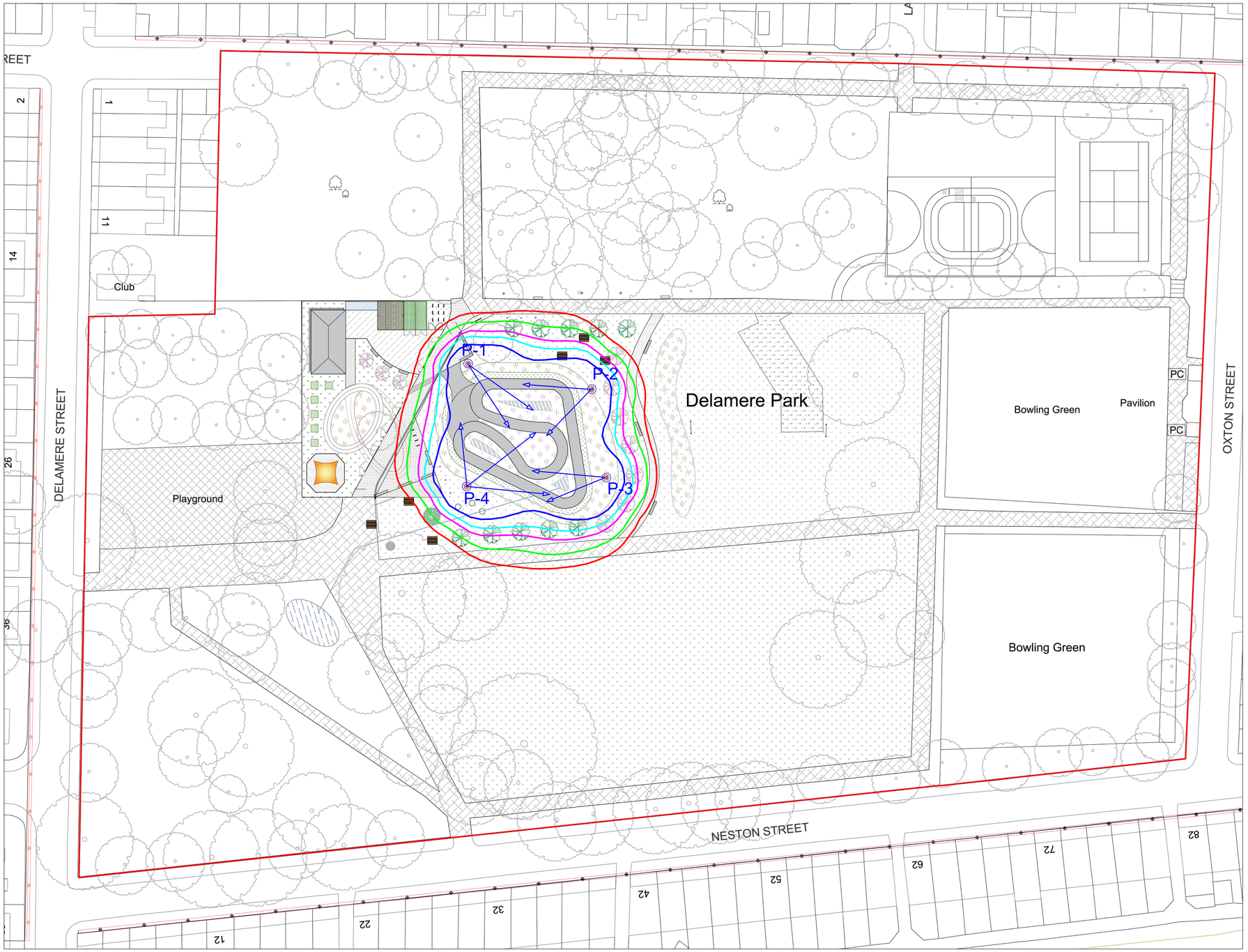
HM = HIGH MASS
E_{av} = AVERAGE Lux LEVEL
u_0 = UNIFORMITY E_{min} / E_{av}

MIDSTREAM

Drawing by	Checked by	Approved by	Date	Revision	Sheet
MC	PC	MIDSTREAM	28/08/2023	00	1/2

ML3327 - Delamere Park - HMs Description

This drawing is property of MIDSTREAM LIGHTING Ltd. All rights reserved the partial or total reproduction of it is forbidden without express consent.

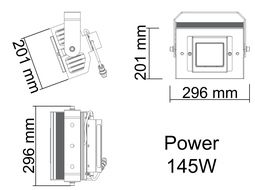


Isolines

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

LUMINAIRES USED

MODUS 150



Power
145W

Flux
Up to 16.000lm

Windage
0.09 m^2

Total HM (All)	Total Luminaires (All)	
- 4 with height of 6m	- 9 x Modus 150 FS (5000K)	HM = HIGH MAST E_{av} = AVERAGE Lux LEVEL u_0 = UNIFORMITY E_{min} / E_{av}

Maintenance Factor - 0.9

Drawing by	Checked by	Approved by	Date	Revision	Sheet
MC	PC	MIDSTREAM	28/08/2023	00	2/2

MIDSTREAM

ML3327 - Delamere Park - HMs Description

This drawing is property of MIDSTREAM LIGHTING Ltd. All rights reserved the partial or total reproduction of it is forbidden without express consent.