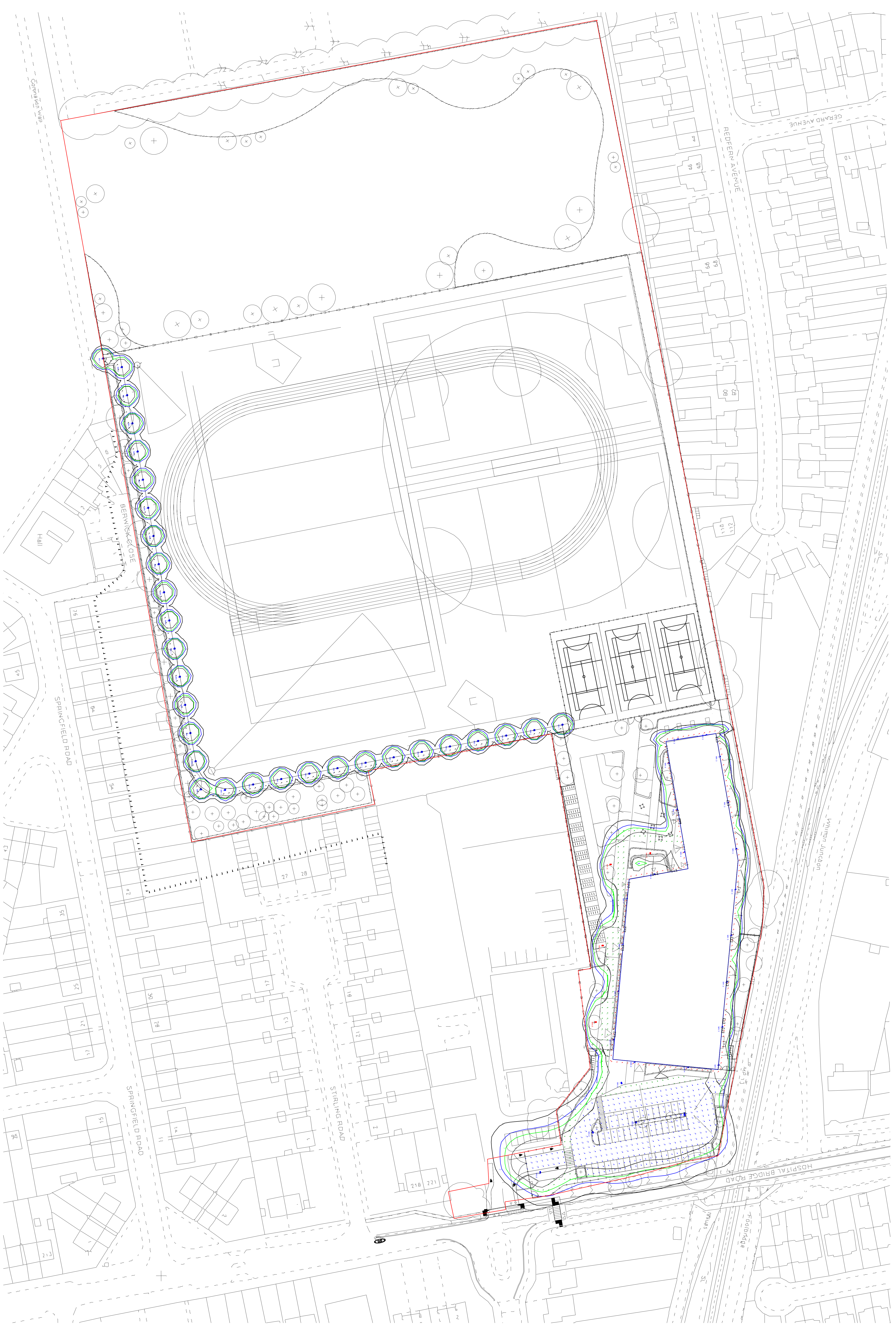


THE DRAWINGS AND INFORMATION CONTAINED HEREIN ARE THE PROPERTY OF BOWMER & KIRKLAND AND SHOULD NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF BOWMER & KIRKLAND.

THE DRAWINGS TO BE USED IN CONJUNCTION WITH THE ELECTRICAL PERFORMANCE SPECIFICATION AND ALL RELEVANT ARCHITECTURAL & ENGINEERING DRAWINGS OF RELATED WORKS AND SHALL BE CONSIDERED AS A CONTRACT DOCUMENT IN ACCORDANCE WITH THE SPECIFICATION.



Symbol	Beam Spread	Height	Beam Diameter	Beam Area	Beam Volume	Beam Length
(Symbol)	15°	1.5m	0.37m	0.14m²	0.26m³	1.5m
(Symbol)	30°	1.5m	0.74m	0.54m²	1.02m³	1.5m
(Symbol)	45°	1.5m	1.11m	0.97m²	1.46m³	1.5m
(Symbol)	60°	1.5m	1.48m	1.39m²	2.00m³	1.5m
(Symbol)	75°	1.5m	1.85m	1.92m²	2.74m³	1.5m
(Symbol)	90°	1.5m	2.22m	2.54m²	3.68m³	1.5m
(Symbol)	105°	1.5m	2.59m	3.25m²	4.92m³	1.5m
(Symbol)	120°	1.5m	2.96m	4.05m²	6.46m³	1.5m
(Symbol)	135°	1.5m	3.33m	4.94m²	8.30m³	1.5m
(Symbol)	150°	1.5m	3.70m	5.92m²	10.44m³	1.5m
(Symbol)	165°	1.5m	4.07m	7.00m²	12.88m³	1.5m
(Symbol)	180°	1.5m	4.44m	8.18m²	15.62m³	1.5m
(Symbol)	225°	1.5m	5.55m	12.26m²	27.58m³	1.5m
(Symbol)	270°	1.5m	6.66m	17.34m²	40.50m³	1.5m
(Symbol)	315°	1.5m	7.77m	23.42m²	55.28m³	1.5m
(Symbol)	360°	1.5m	8.88m	30.60m²	72.90m³	1.5m

NO.	DATE	DESCRIPTION	BY	CHK.
01	15/10/2018	ISSUED FOR PERMIT	JK	JK
02	15/10/2018	ISSUED FOR PERMIT	JK	JK
03	15/10/2018	ISSUED FOR PERMIT	JK	JK
04	15/10/2018	ISSUED FOR PERMIT	JK	JK
05	15/10/2018	ISSUED FOR PERMIT	JK	JK
06	15/10/2018	ISSUED FOR PERMIT	JK	JK
07	15/10/2018	ISSUED FOR PERMIT	JK	JK
08	15/10/2018	ISSUED FOR PERMIT	JK	JK
09	15/10/2018	ISSUED FOR PERMIT	JK	JK
10	15/10/2018	ISSUED FOR PERMIT	JK	JK

PLANNING
Bowmer & Kirkland
 CONSULTANTS
 1500 @ 40 OCT 2018 JC MA
 PROPOSED EXTERNAL LIGHTING LAYOUT & LUX LEVELS PLOT
 FS0316-CPM-00-XX-DR-E-1001 P07