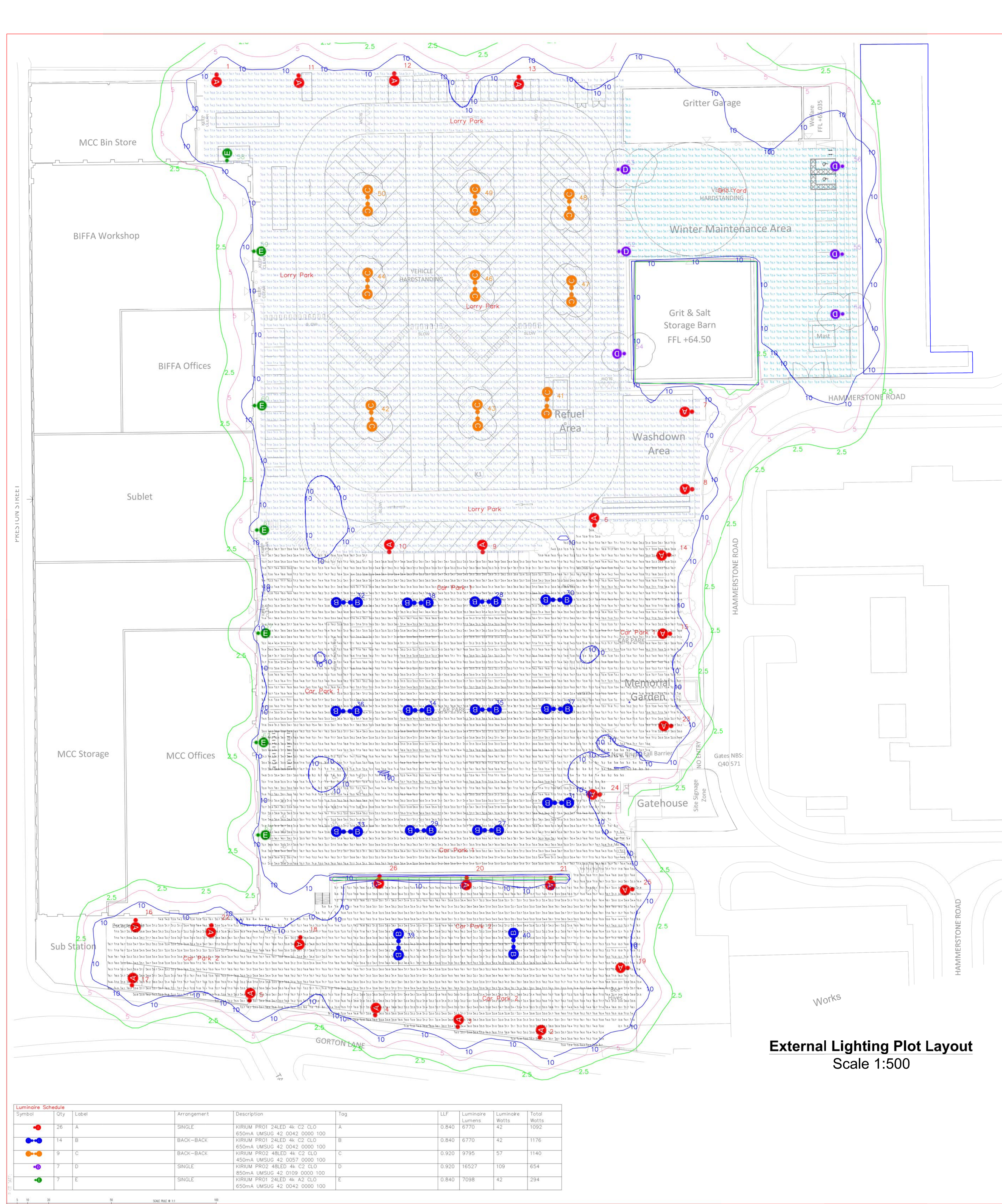




External Lighting Plot Layout
Scale 1:500

Calculation Summary		CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
Car Park 1		Illuminance	Lux	22.28	58.7	5.9	0.26	0.10
Car Park 2		Illuminance	Lux	21.01	60.0	5.9	0.284	0.10
Grit Yard		Illuminance	Lux	20.54	51.6	5.9	0.29	0.11
Lorry park		Illuminance	Lux	21.53	56.7	5.4	0.25	0.10

Luminaire Location Summary		Insertion Point				
LumNo	Label	X	Y	Z	Orient	Tilt
1	A	2086.214	-235.792	6	270	0
2	A	2133.564	-466.131	6	80.811	0
3	A	2143.533	-463.725	6	83.83	0
4	A	2123.966	-460.888	6	83.844	0
5	A	2094.161	-457.417	6	84.259	0
6	A	2176.003	-344.107	6	92.647	0
7	A	2199.713	-316.458	6	180	0
8	A	2199.959	-335	6	179.199	0
9	A	2149.769	-350.998	6	93.768	0
10	A	2127.404	-350.397	6	90	0
11	A	2105.518	-235.638	6	272.751	0
12	A	2128.981	-235.614	6	270	0
13	A	2158.432	-236.361	6	270	0
14	A	2193.162	-350.561	6	185.353	0
15	A	2183.363	-369.457	6	180	0
16	A	2066.849	-437.378	6	270	0
17	A	2066.074	-453.792	6	82.345	0
18	A	2106.278	-441.448	6	262.334	0
19	A	2184.049	-454.823	6	179.469	0
20	A	2147.207	-430.164	6	262.223	0
21	A	2166.067	-432.388	6	261.945	0
22	A	2085.084	-436.764	6	264.249	0
23	A	2193.83	-391.525	6	180	0
24	A	2176.341	-407.612	6	179.162	0
25	A	2184.147	-430.14	6	186.277	0
26	A	2124.999	-427.731	6	265.028	0
27	B	2149.538	-416.332	6	0	0
28	B	2149.202	-362.252	6	0	0
29	B	2133.527	-416.503	6	0	0
30	B	2166.618	-361.408	6	0	0
31	B	2164.393	-415.984	6	0	0
32	B	2116.631	-461.915	6	0	0
33	B	2116.482	-417.113	6	0	0
34	B	2133.24	-387.957	6	0	0
35	B	2149.029	-387.888	6	0	0
36	B	2116.483	-388.091	6	0	0
37	B	2165.505	-387.888	6	0	0
38	B	2133.347	-362.454	6	0	0
39	B	2128.54	-444.91	6	80.358	0
40	B	2153.337	-447.897	6	84.911	0
41	C	2163.906	-314.671	10	267.956	0
42	C	2113.354	-317.593	10	272.861	0
43	C	2139.149	-317.413	10	270.994	0
44	C	2112.723	-286.124	10	269.231	0
45	C	2181.684	-302.97	10	0	0
46	C	2138.975	-286.688	10	270	0
47	C	2164.306	-287.568	10	270	0
48	C	2164.342	-286.548	10	270	0
49	C	2136.91	-266.163	10	270	0
50	C	2112.823	-266.304	10	270	0
51	D	2181.409	-245.234	10	0	0
52	D	2181.29	-276.263	10	179.922	0
53	D	2181.029	-262.73	10	0	0
54	D	2235.887	-301.068	10	181.573	0
55	D	2235.719	-276.035	10	179.922	0
56	D	2235.749	-258.031	10	180.378	0
57	E	2095.277	-369.355	0	0	0
58	E	2088.754	-257.496	6	87.984	0
59	E	2094.431	-276.356	6	0	0
60	E	2094.561	-315.119	6	0	0
61	E	2095.045	-344.782	6	0	0
62	E	2094.913	-369.547	6	0	0
63	E	2095.229	-417.547	6	0	0



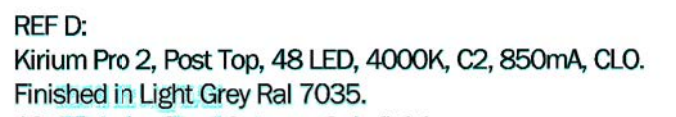
REF A:
Kirium Pro 1, Post Top, 24 LED, 4000K, C2, 850mA, CLO.
Finished in Light Grey Ral 7035.
6M AGL Tubular Steel Column, Galvanised finish.

REF B:
Kirium Pro 1, Side Entry, 24 LED, 4000K, C2, 850mA, CLO.
Finished in Light Grey Ral 7035.
Side entry, 500mm projection double arm bracket. Galvanised finish.
6M Tubular Steel Column, Galv finish.

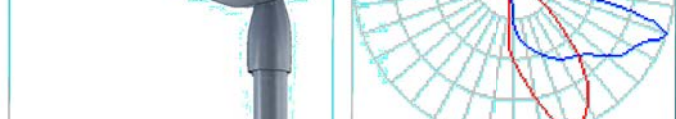


REF C:
Kirium Pro 2, Side Entry, 48 LED, 4000K, C2, 450mA, CLO.
Finished in Light Grey Ral 7035.
Side entry, 500mm projection double arm bracket. Galvanised finish.
10M Tubular Steel Column, Galv finish.

REF D:
Kirium Pro 2, Post Top, 48 LED, 4000K, C2, 850mA, CLO.
Finished in Light Grey Ral 7035.
10M Tubular Steel Column, Galv finish.



REF E:
Kirium Pro 1, Side Entry, 24 LED, 4000K, A2, 650mA, CLO.
Finished in Light Grey Ral 7035.
Side entry, 500mm projection single arm wall bracket. Galvanised finish.
[Mounted at 6M]



REF F:
Kirium Pro 1, Side Entry, 24 LED, 4000K, A2, 650mA, CLO.
Finished in Light Grey Ral 7035.
Side entry, 500mm projection single arm wall bracket. Galvanised finish.
[Mounted at 6M]



REF G:
Kirium Pro 1, Side Entry, 24 LED, 4000K, A2, 650mA, CLO.
Finished in Light Grey Ral 7035.
Side entry, 500mm projection single arm wall bracket. Galvanised finish.
[Mounted at 6M]





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LIVERPOOL**

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REVISION	ITEM REVISED	DATE
P01	Preliminary Issue	03/08/2021
P02	Revised with comments	08/10/2021

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- BEFORE COMMENCEMENT OF WORK ASSOCIATED WITH THIS DRAWING REFER TO THE APPROPRIATE METHOD STATEMENTS AND RISK ASSESSMENTS.

PRELIMINARY

CLIENT
Manchester City Council

ARCHITECT
Fletcher Rae

PROJECT
Hammerstone Road Depot Refurbishment

TITLE
Electrical Service - External Lighting Plots Layout

STATUS	PURPOSE OF ISSUE
S2	Review & Comment

DRAWN BY	CHECKED	DATE
J.H	M.B	17/05/2021

SCALE @A1	A&B PROJECT No
1:500	8834

FILE DRAWING NUMBER	REV
HRD-ABE-00-00-DR-E-7006	P02



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