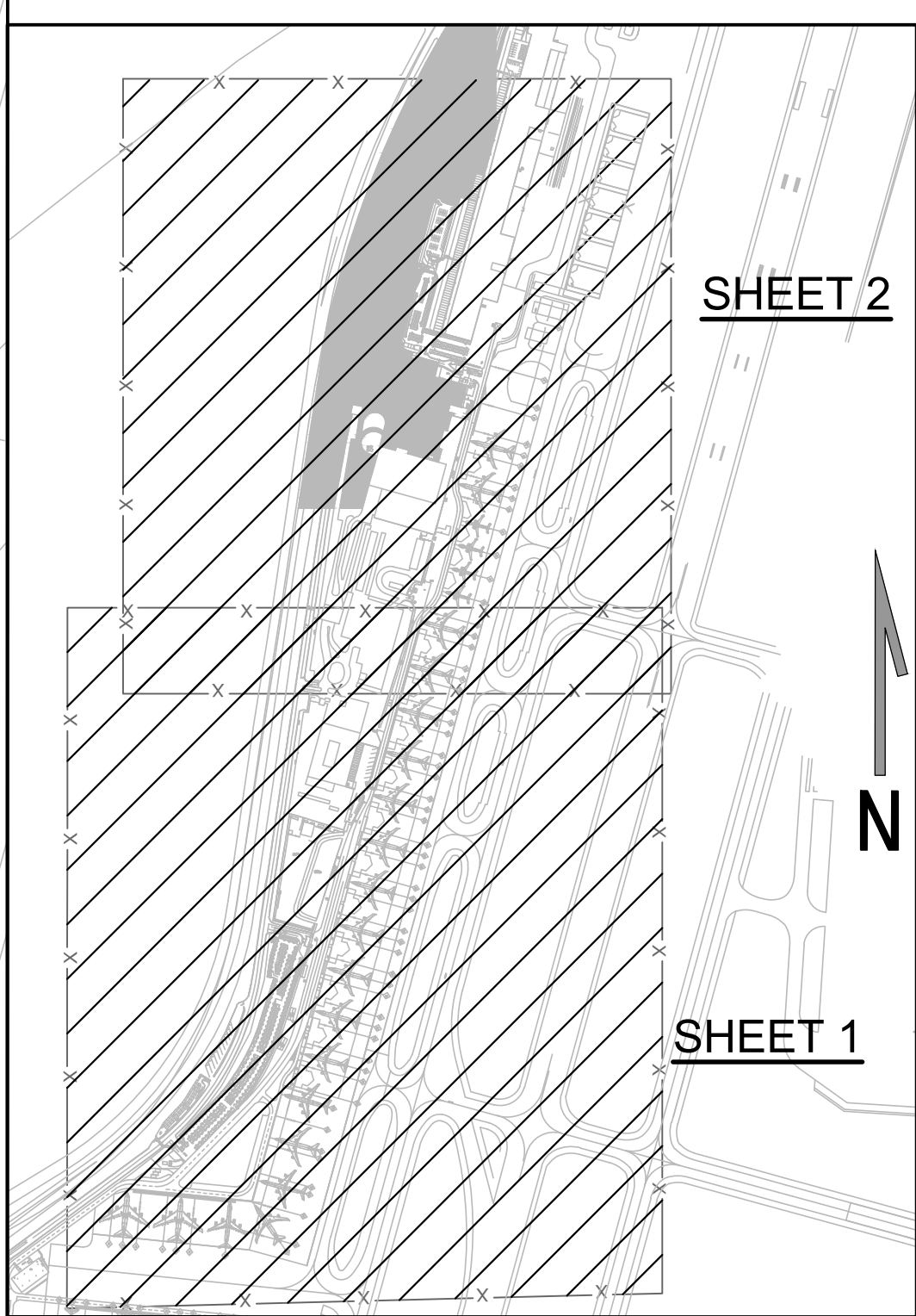
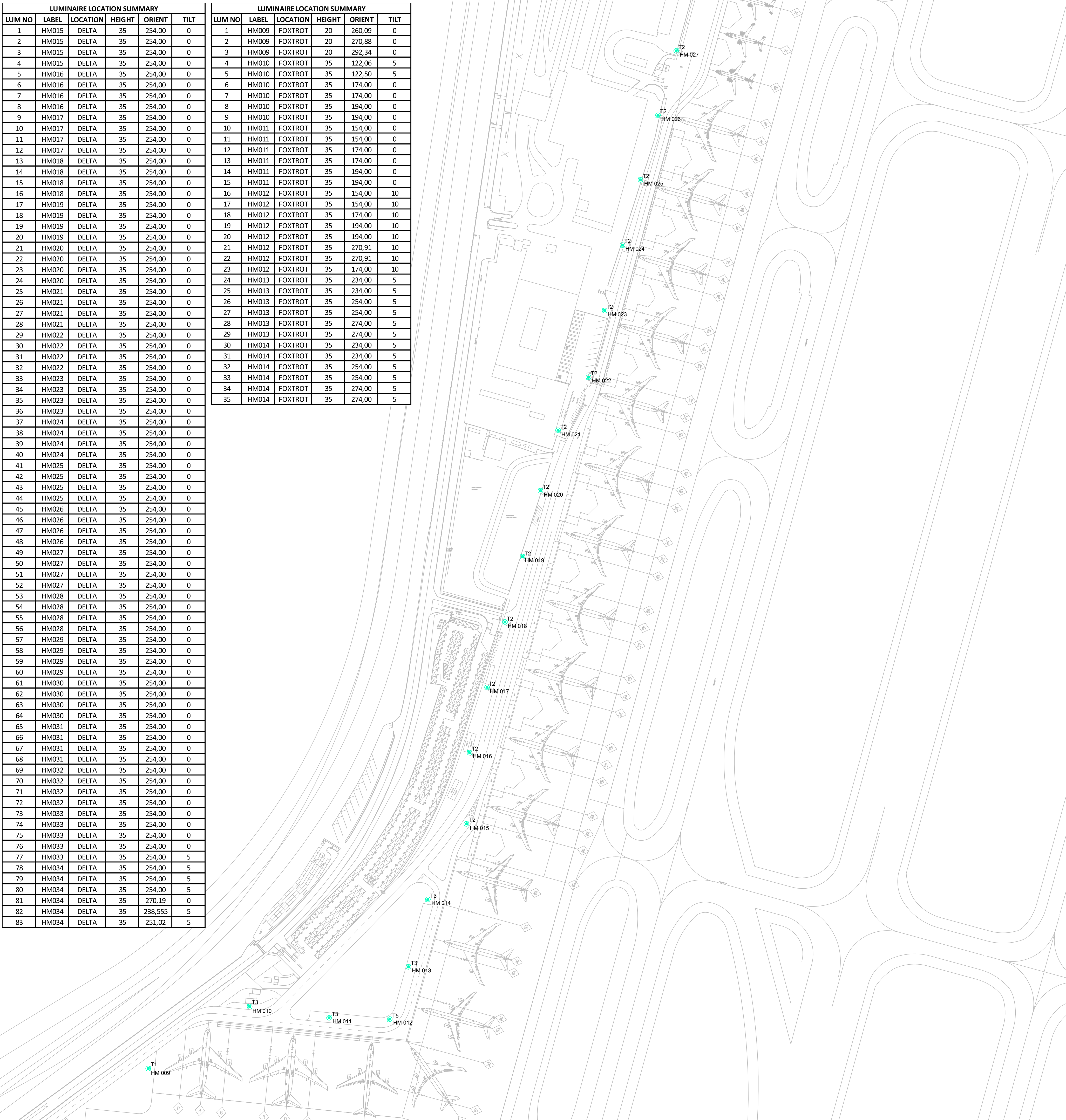


LUMINAIRE LOCATION SUMMARY					
LUM NO	LABEL	LOCATION	HEIGHT	ORIENT	TILT
1	HM015	DELTA	35	254,00	0
2	HM015	DELTA	35	254,00	0
3	HM015	DELTA	35	254,00	0
4	HM015	DELTA	35	254,00	0
5	HM016	DELTA	35	254,00	0
6	HM016	DELTA	35	254,00	0
7	HM016	DELTA	35	254,00	0
8	HM016	DELTA	35	254,00	0
9	HM017	DELTA	35	254,00	0
10	HM017	DELTA	35	254,00	0
11	HM017	DELTA	35	254,00	0
12	HM017	DELTA	35	254,00	0
13	HM018	DELTA	35	254,00	0
14	HM018	DELTA	35	254,00	0
15	HM018	DELTA	35	254,00	0
16	HM018	DELTA	35	254,00	0
17	HM019	DELTA	35	254,00	0
18	HM019	DELTA	35	254,00	0
19	HM019	DELTA	35	254,00	0
20	HM019	DELTA	35	254,00	0
21	HM020	DELTA	35	254,00	0
22	HM020	DELTA	35	254,00	0
23	HM020	DELTA	35	254,00	0
24	HM020	DELTA	35	254,00	0
25	HM021	DELTA	35	254,00	0
26	HM021	DELTA	35	254,00	0
27	HM021	DELTA	35	254,00	0
28	HM021	DELTA	35	254,00	0
29	HM022	DELTA	35	254,00	0
30	HM022	DELTA	35	254,00	0
31	HM022	DELTA	35	254,00	0
32	HM022	DELTA	35	254,00	0
33	HM023	DELTA	35	254,00	0
34	HM023	DELTA	35	254,00	0
35	HM023	DELTA	35	254,00	0
36	HM023	DELTA	35	254,00	0
37	HM024	DELTA	35	254,00	0
38	HM024	DELTA	35	254,00	0
39	HM024	DELTA	35	254,00	0
40	HM024	DELTA	35	254,00	0
41	HM025	DELTA	35	254,00	0
42	HM025	DELTA	35	254,00	0
43	HM025	DELTA	35	254,00	0
44	HM025	DELTA	35	254,00	0
45	HM026	DELTA	35	254,00	0
46	HM026	DELTA	35	254,00	0
47	HM026	DELTA	35	254,00	0
48	HM026	DELTA	35	254,00	0
49	HM027	DELTA	35	254,00	0
50	HM027	DELTA	35	254,00	0
51	HM027	DELTA	35	254,00	0
52	HM027	DELTA	35	254,00	0
53	HM028	DELTA	35	254,00	0
54	HM028	DELTA	35	254,00	0
55	HM028	DELTA	35	254,00	0
56	HM028	DELTA	35	254,00	0
57	HM029	DELTA	35	254,00	0
58	HM029	DELTA	35	254,00	0
59	HM029	DELTA	35	254,00	0
60	HM029	DELTA	35	254,00	0
61	HM030	DELTA	35	254,00	0
62	HM030	DELTA	35	254,00	0
63	HM030	DELTA	35	254,00	0
64	HM030	DELTA	35	254,00	0
65	HM031	DELTA	35	254,00	0
66	HM031	DELTA	35	254,00	0
67	HM031	DELTA	35	254,00	0
68	HM031	DELTA	35	254,00	0
69	HM032	DELTA	35	254,00	0
70	HM032	DELTA	35	254,00	0
71	HM032	DELTA	35	254,00	0
72	HM032	DELTA	35	254,00	0
73	HM033	DELTA	35	254,00	0
74	HM033	DELTA	35	254,00	0
75	HM033	DELTA	35	254,00	0
76	HM033	DELTA	35	254,00	0
77	HM033	DELTA	35	254,00	5
78	HM034	DELTA	35	254,00	5
79	HM034	DELTA	35	254,00	5
80	HM034	DELTA	35	254,00	5
81	HM034	DELTA	35	270,19	0
82	HM034	DELTA	35	238,555	5
83	HM034	DELTA	35	251,02	5

LUMINAIRE LOCATION SUMMARY					
LUM NO	LABEL	LOCATION	HEIGHT	ORIENT	TILT
1	HM009	FOXTROT	20	260,09	0
2	HM009	FOXTROT	20	270,88	0
3	HM009	FOXTROT	20	292,34	0
4	HM010	FOXTROT	35	122,06	5
5	HM010	FOXTROT	35	122,50	5
6	HM010	FOXTROT	35	174,00	0
7	HM010	FOXTROT	35	174,00	0
8	HM010	FOXTROT	35	194,00	0
9	HM010	FOXTROT	35	194,00	0
10	HM011	FOXTROT	35	154,00	0
11	HM011	FOXTROT	35	154,00	0
12	HM011	FOXTROT	35	174,00	0
13	HM011	FOXTROT	35	174,00	0
14	HM011	FOXTROT	35	194,00	0
15	HM011	FOXTROT	35	194,00	0
16	HM012	FOXTROT	35	154,00	10
17	HM012	FOXTROT	35	154,00	10
18	HM012	FOXTROT	35	174,00	10
19	HM012	FOXTROT	35	194,00	10
20	HM012	FOXTROT	35	194,00	10
21	HM012	FOXTROT	35	270,91	10
22	HM012	FOXTROT	35	270,91	10
23	HM012	FOXTROT	35	174,00	10
24	HM013	FOXTROT	35	234,00	5
25	HM013	FOXTROT	35	234,00	5
26	HM013	FOXTROT	35	254,00	5
27	HM013	FOXTROT	35	254,00	5
28	HM013	FOXTROT	35	274,00	5
29	HM013	FOXTROT	35	274,00	5
30	HM014	FOXTROT	35	234,00	5
31	HM014	FOXTROT	35	234,00	5
32	HM014	FOXTROT	35	254,00	5
33	HM014	FOXTROT	35	254,00	5
34	HM014	FOXTROT	35	274,00	5
35	HM014	FOXTROT	35	274,00	5



KEY PLAN

N.T.S

HIGH MAST LIGHT FITTINGS TYPES AND POSITIONS		
ID	TYPE	AREA
HM 001	1	GOLF
HM 002	1	GOLF
HM 003	1	GOLF
HM 004	1	GOLF
HM 005	1	GOLF
HM 006	1	GOLF
HM 007	1	GOLF
HM 008	1	GOLF
HM 009	3	FOXTROT
HM 010	3	FOXTROT
HM 011	3	FOXTROT
HM 012	3	FOXTROT
HM 013	2	DELTA
HM 014	2	DELTA
HM 015	2	DELTA
HM 016	2	DELTA
HM 017	2	DELTA
HM 018	2	DELTA
HM 019	2	DELTA
HM 020	2	DELTA
HM 021	2	DELTA
HM 022	2	DELTA
HM 023	2	DELTA
HM 024	2	DELTA
HM 025	2	DELTA
HM 026	2	DELTA
HM 027	2	DELTA
HM 028	2	DELTA
HM 029	2	DELTA
HM 030	2	DELTA
HM 031	2	DELTA
HM 032	2	DELTA
HM 033	2	DELTA
HM 034	2	DELTA

LUMINAIRE LOCATION SUMMARY					
LUM NO	LABEL	LOCATION	HEIGHT	ORIENT	TILT
1	HM001	GOLF	24	280,00	0
2	HM001	GOLF	24	280,00	0
3	HM001	GOLF	24	280,00	0
4	HM002	GOLF	24	270,00	5
5	HM002	GOLF	24	270,00	5
6	HM002	GOLF	24	270,00	0
7	HM003	GOLF	24	270,00	0
8	HM003	GOLF	24	270,00	0
9	HM003	GOLF	24	270,00	0
10	HM004	GOLF	24	270,00	0
11	HM004	GOLF	24	270,00	0
12	HM004	GOLF	24	270,00	0
13	HM005	GOLF	24	270,00	0
14	HM005	GOLF	24	270,00	0
15	HM005	GOLF	24	270,00	0
16	HM006	GOLF	24	270,00	0
17	HM006	GOLF	24	270,00	0
18	HM006	GOLF	24	270,00	0
19	HM007	GOLF	24	270,00	0
20	HM007	GOLF	24	270,00	0
21	HM007	GOLF	24	270,00	0
22	HM008	GOLF	24	260,00	0
23	HM008	GOLF	24	260,00	0
24	HM008	GOLF	24	260,00	0

APRON HIGH MASTS
LIGHTING LAYOUT - SHEET 1

SCALE: 1:2000



LEGEND:

ICON	DESCRIPTION
T1	3 X 463 W BEKA OMNISTAR, AKZO 900 GREY SANDED, COMPLETE WITH DROP-DOWN HIGH MAST POLE OR SIMILAR APPROVED
T2	4 X 463 W BEKA OMNISTAR, AKZO 900 GREY SANDED, COMPLETE WITH DROP-DOWN HIGH MAST POLE OR SIMILAR APPROVED
T3	6 X 463 W BEKA OMNISTAR, AKZO 900 GREY SANDED, COMPLETE WITH DROP-DOWN HIGH MAST POLE OR SIMILAR APPROVED
T4	5 X 463 W BEKA OMNISTAR, AKZO 900 GREY SANDED, COMPLETE WITH DROP-DOWN HIGH MAST POLE OR SIMILAR APPROVED
T5	8 X 463 W BEKA OMNISTAR, AKZO 900 GREY SANDED, COMPLETE WITH DROP-DOWN HIGH MAST POLE OR SIMILAR APPROVED
KS01	HIGHMAST LIGHTING KIOSK

TENDER

Rev	Date	Description of changes	By
A	01-02-2019	ISSUED FOR TENDER	AR

REVISIONS



APPROVED THE MASTER HELD AT DELTA BUILT ENVIRONMENT CONSULTANTS BEARS THE ORIGINAL SIGNATURE OF APPROVAL.

DocuSigned by: A. RINGELMANN 01/02/2019
SIGNATURE: NAME: DATE:

OR TAMBO APRON
LIGHTING

UPGRADE OF THE HIGHMAST
LIGHTING

AIRSIDE APRON HIGH MASTS
LIGHTING LAYOUT - SHEET 1

Drawing Units METERS		Drawing Size A1	
Date FEBRUARY 2019	Scale AS SHOWN	Designed By N. MKASI	
Checked By H. MALAN	Drawn By N. MKASI	Approved By A. RINGELMANN	
Drawing No. P18051-TN-02-ELE-903			Rev