

**Airport Lighting**

**VOLUME 3**

**AIRPORT LIGHTING**

### **3.1 FILENAMING**

#### **CABLING/LIGHT POSITION AND ORIENTATION**

Filename: [aaaa-] [bbb].dgn

Where:

aaaa - = the contract number or the project number

bbb = 1-999 incremented for every file.

With this numbering system the description of the file(s) has to be supplied.

**Airport Lighting**

**3.2.1 CABLING**

FILE :

FT= 0

LEVEL	DESCRIPTION	LC	WT	CO	TH	TW	LS
1	TITLE	0	2	0			
2	DRAWING NO.	0	5	0			
3	SCALE	0	1	0			
4							
5	1:1000 TB						
6	1:750 TB						
7	1:750 CABLE A AC=TB1						
8	1:750 CABLE B AC=TB1						
9	1:500 TB						
10	1:500 CABLE A AC=TB2						
11	1:500 CABLE B AC=TB2						
12	CHAINAGES/DIMENSIONS/ MISCELLANEOUS TEXT	0	1	12			
13	LIGHT DESIGNATION	0	1	12			
14							
15	LEGEND	0	1	0			
16	NOTES	0	1	5			
17	ASSOCIATED DRAWINGS TEXT (1:1000)	0	1	0	2.50	2.0	1.5
18	NORTH ARROW (CELL)	0	0	3			
19	LIGHT BLANKING						
20	PRIMARY CABLES	0	3	7			
21	SECONDARY CABLES	3	1	11			
22	CABLE DUCTS	2	1	15			
25	MANHOLE	0	1	7			
30	XTRA CENTRELINES	4	0	2			
33	1:1000 TP1 (TEST POINT)	0	1	10			
34	1:750 TP1 AC=TP1	0	1	11			
35	1:500 TP1 AC=TP1	0	1	12			
36	1:1000 TP2 AC=TP2	0	1	13			
37	1:750 TP2 AC=TP2	0	1	7			
38	1:500 TP2 AC=TP2	0	1	15			
39	1:1000 RTWLT AC=TEXT1						
40	1:750 RTWLT AC=TEXT1						
41	1:500 RTWLT AC=TEXT1						
43	1:500 RTWLT CABLE						
44	1:750 RTWLT CABLE						
45	CABLE JOINT 1:500 AC=JOINT						
46	CABLE JOINT 1:1000						
49	PROPOSED WORD AC=PROP						
60	ROUTING DETAIL CABLES	0	4	19			
61	ROUTING DETAIL TEXT (1:1000)	0	1	19	2.50	2.0	1.5

**Note**

Cell Library Electrical  
 PB/BW

**Airport Lighting**

**3.2.2 LIGHT POSITION AND ORIENTATION DRAWINGS**

LEVEL	DESCRIPTION	LC	WT	CO	TH FT=0	TW	LS
1	TITLE	0	2	0			
2	DRAWING NO	0	5	0			
3	SCALE	0	1	0			
6	ORIENTATION PROGRAMME OLIN, RLIN (CELL) 1:500						
7	ORIENTATION PROGRAMME OLIN, RLIN (CELL) 1:1000						
8	ORIENTATION PROGRAMME TEXT 1:500	0	1	0	1.25	1.0	0.75
9	ORIENTATION PROGRAMME TEXT 1:1000	0	1	0	2.50	2.0	1.5
12	CHAINAGES/DIMENSIONS MISCELLANEOUS TEXT	0	1	12			
13	MISCELLANEOUS TEXT	0	1	12			
15	LEGEND	0	1	1			
16	NOTES	0	1	5			
17	ASSOCIATED DRAWINGS	0	1	0			
18	NORTH ARROW (CELL)						
26	SPARE SET OF ORIENTATION ARROWS OLIN, RLIN 1:500 (CELL)						
27	OLIN, RLIN 1:1000 (CELL)						
28	TEXT 1:500	0	1	0	1.25	1.0	0.75
29	TEXT 1:1000	0	1	0	2.50	2.0	1.5
30	XTRA CENTRELINES	4	0	2			
40							
41							
42							
43							
44							
45							
49	WORD = PROPOSED AC = PROP						
50							
51							
52							
53							
54							
55							

PB/BW

**Airport Lighting**

**3.2.3 AIRPORT LIGHTING (TRUE POSITIONS)**

Files: xapl.dgn,

LEVELS	DESCRIPTION	C0	LC	WT	TH	TW
1	1:1 SOLID AC=LIGHT1					
2	1:500 SOLID AC=LIGHT1					
3	1:750 SOLID AC=LIGHT1					
4	1:1000 SOLID AC=LIGHT1					
5	1:1 DOTTED AC=LIGHT1					
6	1:500 DOTTED AC=LIGHT1					
7	1:750 DOTTED AC=LIGHT1					
8	1:1000 DOTTED AC=LIGHT1					
9						
10						
11	1:1 SOLID AC=LIGHT2					
12	1:500 SOLID AC=LIGHT2					
13	1:750 SOLID AC=LIGHT2					
14	1:1000 SOLID AC=LIGHT2					
15	1:1 DOTTED AC=LIGHT2					
16	1:500 DOTTED AC=LIGHT2					
17	1:750 DOTTED AC=LIGHT2					
18	1:1000 DOTTED AC=LIGHT2					
19						
20						
21	1:1 SOLID AC=LIGHT3					
22	1:500 SOLID AC=LIGHT3					
23	1:750 SOLID AC=LIGHT3					
24	1:1000 SOLID AC=LIGHT3					
25	1:1 DOTTED AC=LIGHT3					
26	1:500 DOTTED AC=LIGHT3					
27	1:750 DOTTED AC=LIGHT3					
28	1:1000 DOTTED AC=LIGHT3					
29						
30						
31	1:1 SOLID AC=LIGHT4					
32	1:500 SOLID AC=LIGHT4					
33	1:750 SOLID AC=LIGHT4					
34	1:1000 SOLID AC=LIGHT4					
35	1:1 DOTTED AC=LIGHT4					
36	1:500 DOTTED AC=LIGHT4					
37	1:750 DOTTED AC=LIGHT4					
38	1:1000 DOTTED AC=LIGHT4					
39						
40						
41	1:1 SOLID AC=LIGHT5					
42	1:500 SOLID AC=LIGHT5					
43	1:750 SOLID AC=LIGHT5					
44	1:1000 SOLID AC=LIGHT5					
45	1:1 DOTTED AC=LIGHT5					
46	1:500 DOTTED AC=LIGHT5					
47	1:750 DOTTED AC=LIGHT5					
48	1:1000 DOTTED AC=LIGHT5					
49						

**Airport Lighting**

<b>LEVELS</b>	<b>DESCRIPTION</b>	<b>C0</b>	<b>LC</b>	<b>WT</b>	<b>TH</b>	<b>TW</b>
50						
51	1:1 SOLID					
52	1:500 SOLID					
53	1:750 SOLID					
54	1:1000 SOLID					
55	1:1 DOTTED					
56	1:500 DOTTED					
57	1:750 DOTTED					
58	1:1000 DOTTED					

**NOTES:**

1. LEVELS 1-8 = NORTH SOUTH TAXIWAYS LIGHTS
2. LEVELS 11-18 = EAST WEST TAXIWAYS LIGHTS
3. LEVELS 21-28 = RUNWAY LIGHTS
4. LEVELS 31-38 = RUNWAY EDGE LIGHTS
5. LEVELS 41-48 = THRESHOLD LIGHTS
6. LEVELS 51-58 = SPARE

PB/BW

**Airport Lighting**

**3.3 SYMBOLS**

**Airport Lighting**