Placeholder

This page has been inserted to indicate that content has been extracted from this location in the document and has been stored in a separate file. (This is due to file size issues.)

The extracted content can be found in the following electronic pdf file:

Submission--25H

For inspection purposes only.
Consent of copyright owner required for any other use.

Licence: W0167-01

EPA Export 25-07-2013:14:28:30

THIS DRAWING WAS CREATED USING AUTOCAD14

NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL REVELANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE - USE FIGURED DIMENSIONS ONLY
3. LEVELS ARE GIVEN IN METRES AND RELATE TO O.S. DATUM (NALIN HEAD).
4. ALL DIMENSIONS ARE GIVEN IN MILLMETERS
5. CONTRACTOR SHALL ESTABLISH CONTROLLED CONSTRUCTION TRAFFIC ROUTES THROUGH THE SITE IN ORDER TO MINIMISE DISTURBANCE TO THE SITE.

LIGHTING LEVELS MAY DEVIATE FROM THOSE SHOWN DUE TO TOLERANCES IN LUMINAIRE INSTALLATION, LIGHTED AREA GEOMETRY, ELECTRICAL SUPPLY, LAMP TOLERANCES, AND OBSTRUCTIONS WITHIN THE AREA. IT SHOULD BE NOTED THAT DISCHARGE LAMP LUMEN OUTPUT DEPRECIATES WITH USE, AND IS DEPENDENT ON THE SWITCHING CYCLE.

THIS DRAWING IS A PHOTOMETRIC DESIGN ONLY, AND DOES NOT TAKE ACCOUNT OF ANY CONSEQUENCES ARISING FROM THE POSITIONING OF THE LUMINAIRES.

THIS DRAWING MUST NOT BE REPRODUCED WITHOUT THE PERMISSION OF PHOSCO LIMITED.

SCHEDULE OF LUMINAIRES:-

SOURCE NUMBER	LUMINAIRE TYPE	QTY	LAMP WATTAGE AND TYPE	MOUNTING HEIGHT	ELEVATION ANGLE	ROTATION ANGLE
1	P53610	1	250W MBI-T	10.0	0.0	8.0
2	P53610	1	250W MBI-T	10.0	0.0	189.0
3	P53610	1	250W MBI-T	10.0	0.0	28.0
4	P53610	1	250W MBI-T	10.0	0.0	208.0
TOTAL NUMBER OF LUMINAIRES ON THIS COLUMN : 2						
5	P53610	1	250W MBI-T	10.0	0.0	166.0
6	P53610	1	250W MBI-T	10.0	0.0	346.0
TOTAL NUMBER OF LUMINAIRES ON THIS COLUMN : 2						
7	P53610	1	250W MBI-T	10.0	0.0	162.0
8	P53610	1	250W MBI-T	10.0	0.0	342.0
TOTAL NUMBER OF LUMINAIRES ON THIS COLUMN : 2						
9	P53610	1	250W MBI-T	10.0	0.0	343.0
10	P53610	1	250W MBI-T	10.0	0.0	184.0
11	P53610	1	250W MBI-T	10.0	0.0	165.0
12	P53610	1	250W MBI-T	10.0	0.0	345.0
TOTAL NUMBER OF LUMINAIRES ON THIS COLUMN : 2						
13	P53610	1	250W MBI-T	10.0	0.0	345.0
14	P535	1	70W CDM-TT	6.0	0.0	345.0
15	P535	1	70W CDM-TT	6.0	0.0	255.0
16	P535	1	70W CDM-TT	6.0	0.0	345.0
17	P535	1	70W CDM-TT	6.0	0.0	345.0
18	P535	1	70W CDM-TT	6.0	0.0	345.0
19	P535	1	70W CDM-TT	6.0	0.0	345.0
20	P535	1	70W CDM-TT	6.0	0.0	300.0
21	P535	1	70W CDM-TT	6.0	0.0	255.0
22	P53620	1	250W MBI-T	10.0	0.0	75.0
23	FL500	1	250W MBI-T	10.0	0.0	255.0
24	P53620	1	250W MBI-T	10.0	0.0	75.0
25	FL500	1	250W MBI-T	10.0	0.0	255.0
26	P535	1	70W CDM-TT	6.0	0.0	210.0
27	P535	1	70W CDM-TT	6.0	0.0	165.0
28	FL500	1	250W MBI-T	10.0	0.0	255.0
29	FL500	1	250W MBI-T	10.0	0.0	255.0
30	FL500	1	250W MBI-T	10.0	0.0	255.0
31	FL500	1	250W MBI-T	10.0	0.0	255.0
32	FL500	1	250W MBI-T	10.0	0.0	165.0
33	FL500	1	250W MBI-T	10.0	0.0	75.0
34	FL500	1	250W MBI-T	10.0	0.0	75.0
35	FL500	1	250W MBI-T	10.0	0.0	75.0
36	P53620	1	250W MBI-T	10.0	0.0	75.0
37	P53620	1	250W MBI-T	10.0	0.0	345.0
38	P53620	1	250W MBI-T	10.0	0.0	345.0
39	P53620	1	250W MBI-T	10.0	0.0	255.0
40	P53620	1	250W MBI-T	10.0	0.0	75.0
41	P53620	1	250W MBI-T	10.0	0.0	75.0
42	P53620	1	250W MBI-T	10.0	0.0	75.0
43	P53620	1	250W MBI-T	10.0	0.0	345.0
44	P53620	1	250W MBI-T	10.0	0.0	345.0
45	P53620	1	250W MBI-T	10.0	0.0	165.0
46	P53620	1	250W MBI-T	10.0	0.0	165.0
47	P53620	1	250W MBI-T	10.0	0.0	120.0
48	P53620	1	250W MBI-T	10.0	0.0	75.0
49	P53620	1	250W MBI-T	10.0	0.0	75.0
50	P53620	1	250W MBI-T	10.0	0.0	255.0
51	P53620	1	250W MBI-T	10.0	0.0	255.0
52	P53620	1	250W MBI-T	10.0	0.0	255.0
53	P53620	1	250W MBI-T	10.0	0.0	255.0
54	P53620	1	250W MBI-T	10.0	0.0	165.0
55	P53620	1	250W MBI-T	10.0	0.0	75.0
56	P535	1	70W CDM-TT	6.0	0.0	216.0
57	P535	1	70W CDM-TT	6.0	0.0	21.0
58	P535	1	70W CDM-TT	6.0	0.0	281.0
59	P535	1	70W CDM-TT	6.0	0.0	92.0
60	P535	1	70W CDM-TT	6.0	0.0	92.0
61	P535	1	70W CDM-TT	6.0	0.0	92.0
62	P535	1	70W CDM-TT	6.0	0.0	272.0
TOTAL NUMBER OF LUMINAIRES ON THIS COLUMN : 2						
63	P535	1	70W CDM-TT	6.0	0.0	133.0
64	P535	1	70W CDM-TT	6.0	0.0	186.0
65	P535	1	70W CDM-TT	6.0	0.0	244.0
66	P535	1	70W CDM-TT	6.0	0.0	269.0
67	P535	1	70W CDM-TT	6.0	0.0	272.0
68	P535	1	70W CDM-TT	6.0	0.0	272.0
69	P535	1	70W CDM-TT	6.0	0.0	272.0
70	P535	1	70W CDM-TT	6.0	0.0	92.0
71	P535	1	70W CDM-TT	6.0	0.0	92.0
72	P535	1	70W CDM-TT	6.0	0.0	58.0
73	P535	1	70W CDM-TT	6.0	0.0	95.0
74	P535	1	70W CDM-TT	6.0	0.0	95.0
75	P535	1	70W CDM-TT	6.0	0.0	95.0
76	P535	1	70W CDM-TT	6.0	0.0	91.0
77	P535	1	70W CDM-TT	6.0	0.0	119.0
78	P535	1	70W CDM-TT	6.0	0.0	247.0
79	P535	1	70W CDM-TT	6.0	0.0	270.0
80	P535	1	70W CDM-TT	6.0	0.0	275.0
81	P535	1	70W CDM-TT	6.0	0.0	275.0

NOTE:- ROTATION ANGLES ARE MEASURED ANTI-CLOCKWISE FROM THE X AXIS

THE VALUES SHOWN ARE IN LUX AT GROUND LEVEL, BASED ON THE FOLLOWING LAMP OUTPUTS:-
250W MBI-T 17.0 KILOLUMENS
70W CDM-TT 5.0 KILOLUMENS
A MAINTENANCE FACTOR OF 0.870 HAS BEEN INCLUDED IN THE CALCULATION OF THE VALUES SHOWN.

ISSUE	DESCRIPTION	DRN	DRIG	AUTH CHK	APP	DATE
A	RESPONSE TO PLANNING CONDITIONS		JMoC			07.02.02

INDAVER

INDAVER IRELAND
4 HABDINGTON TCE
DUN LAOGHAIRE
CO. DUBLIN
TEL: +353 1 2145830
FAX: +353 1 2807865

Project Management Group
Cork - Dublin

WILSON ASSOCIATES
ENGINEERS

PROJECT WASTE MGMT FACILITY - CARRANSTOWN

TITLE

PROPOSED EXTERNAL LIGHTING LAYOUT

CLIENT REF.		CLIENT DRG No.	
PROJECT No.	2666	CONT'R DRG No.	2666-48-DR-089
A0 SCALE	1:500		