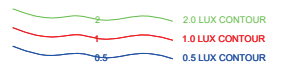


**RED OBSTRUCTION LIGHTS**  
 THE CIVIL AVIATION AUTHORITY CAP REGULATIONS REQUIRES TWO SETS OF RED OBSTRUCTION LIGHTS TO BE INSTALLED. ONE SET OF OBSTRUCTION LIGHTS WILL BE AT THE TOP OF THE CHIMNEY STACK (1.5 M BELOW THE TOP OF THE STACK IN ORDER TO REDUCE THE EFFECTS OF DISCOLORATION OR EMISSIONS), AND THE OTHER SET IS TO BE FITTED AT 52M BELOW THE TOP OF THE CHIMNEY STACK. MEDIUM INTENSITY RED STEADY OBSTACLE LIGHTS TO BE PLACED AT THE HIGHEST CORNERS OF THE BOILER HALL.

LUX LEVELS						
AREA	Avg	Max	Min	Min/Max	Min/Avg	
10 Lux Area	17 lux	65 lux	2	0.03	0.12	
20 Lux Area	23 lux	71 lux	10 lux	0.14	0.43	
50 Lux Area	54 lux	73 lux	28 lux	0.38	0.52	
Spill Light	1 lux	18 lux	0 lux	0.00	0.00	



LUMINAIRE SCHEDULE		
Symbol	Qty	Description
A	11	Holophane Lighting D-Series 1 Luminaire DSX1.2.LA084.FW mounted on wall @ 6m
B	5	Holophane Lighting D-Series 1 Luminaire DSX1.2.LA114.FW.BLS mounted on 8m column
C	4	Holophane Lighting D-Series 1 Luminaire DSX1.2.LA084.FW mounted on 6m column
D	16	Holophane Lighting D-Series 1 Luminaire DSX1.2.LA084.FW.BLS mounted on 6m column
E	6	Holophane Lighting D-Series 1 Luminaire DSX1.2.LA224.FW mounted on 8m column
F	5	Holophane Lighting Denver Wall Elite DEW.L024.PGL mounted on steelwork @ 3.6m
OB		Aviation obstruction lighting installed to CAA requirements.

- Notes**
- ALL LUMINAIRES TO UTILISE 4000°K COOL COLOUR TEMPERATURE LEDs.
  - ALL FITTINGS SUPPLIED WITH DALI DIMMING CONTROL GEAR TO ENABLE NIGHT-TIME SET BACK OF ILLUMINATION LEVELS.
  - LIGHTING WITHIN TRANSFORMER COMPOUND WILL BE INTERMITTENT FOR MAINTENANCE.

©2016 RPS Group

**Notes**

- This drawing has been prepared in accordance with the scope of RPS's appointment with its client and is subject to the terms and conditions of that appointment. RPS accepts no liability for any use of this document other than by its client and only for the purposes for which it was prepared and provided.
- If received electronically it is the recipient's responsibility to print to correct scale. Only written dimensions should be used.

**Safety, Health & Environment Information**

In addition to the hazards/risks normally associated with the types of work detailed on the drawing take note below. It is assumed that all works on this drawing will be carried out by a competent contractor, working, where appropriate, to an appropriate method statement.

Construction Risks	Maintenance/Cleaning Risks	Demolition/Adaption Risks

Rev	Status	Description	Date	Initial	Checked
90	D5	SITE LAYOUT REVISED LIGHTING AMENDED TO SUIT	12-03-16	GF	RKP
89	D4	CONSTRUCTION LIGHTING DETAILS AMENDED	23-01-17	GF	RKP
88	D3	GENERAL SITE LUX LEVELS INCREASED. SCHEME ADDED FOR RECYCLING AREA.	13-12-16	GF	RKP
80	D2	SITE LAYOUT REVISED	05-12-16	GF	RKP



Highfield House, 5 Ridgeway, Quinton Business Park, Birmingham B32 1AF  
 T: 0121 213 5500 E: rps@rpsgroup.com F: 0121 213 5502

Client: Britniacrest Recycling  
 Project: Sussex EFW  
 Title: Site Layout External Lighting Levels

Purpose of Issue: Information  
 Drawn By: GF  
 PM/Checked by: RKP

Job Ref: BRM08267  
 Scale: @ A1  
 Date Created: Nov 16

Drawing Number: RPS-ST-XX-A-DR-6302  
 Status: S0  
 Rev: D5

