

Site name	Site code	Date of visit	OS X	OS Y	Latitude	Longitude	UTM
Bexley 1	BX1	13/08/2007	551862	176380	51 27' 58N	0 11' 05E	31U 298467.86E, 5684461.74N

Satellite pictures

Date:
18/09/2006 -
16/10/2006

Local scale
(100 m radius)



Meso Scale
(1km radius)



multi map

A206

R

Lincoln Cl

Barnett Cl

New Be Cl

Burns

Bridge

Mas

Whiteha

100 Yards

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[illegible]

Meso Scale
(1km radius)

Site classification	LAQN	Station Type
	Classification	
	Suburban	

Urban climate zone	Meso (1 km radius)	Local (100 m radius)	Micro (30 m radius)
	5	5	5

% Land cover		100 m	1 km
	Vegetated	44.71	48.77
	Built over	43.31	35.84
	Water	0	0
	Road	11.98	15.39

Main Land use	Direction	Land use (MAJOR/minor)
	N	RESIDENTIAL/ green space
	E	RESIDENTIAL/ green space
	S	RESIDENTIAL/ green space
	W	RESIDENTIAL/ green space

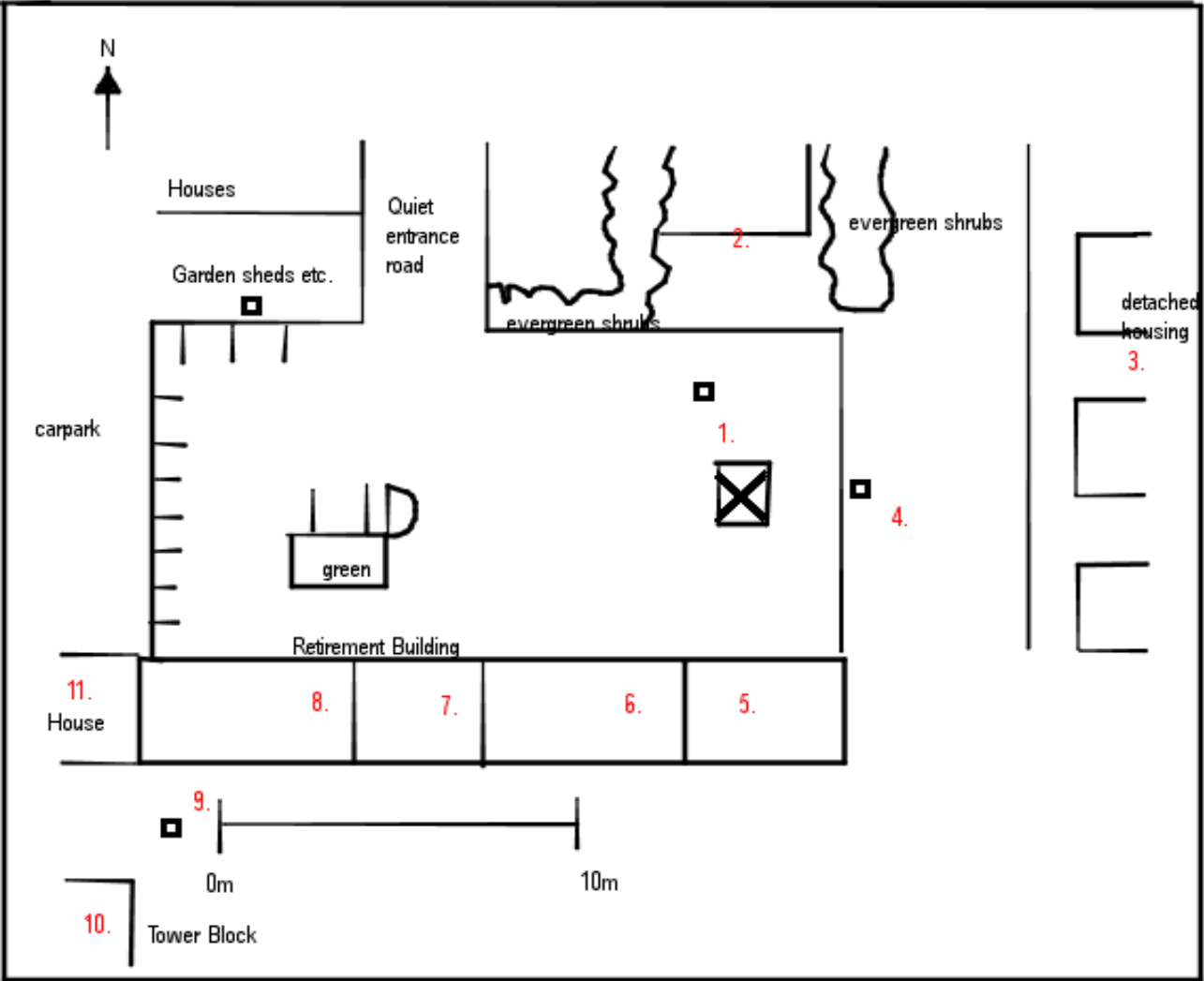
Site description	Meso (1 km radius)	Local (100 m radius)	Micro (30 m radius)
	Close proximity to major rail and road links.	Cul-de-sac surrounded by gardens and a large buidling to the south. Medium building density and numerous surrounding green spaces.	In the car park of a cul-de-sac of a retirement home. Close to trees and fence at adjacent garden perimeters.

Station photo







Plan view diagram
(30 m radius)

KEY
□ : Tree
X : Station

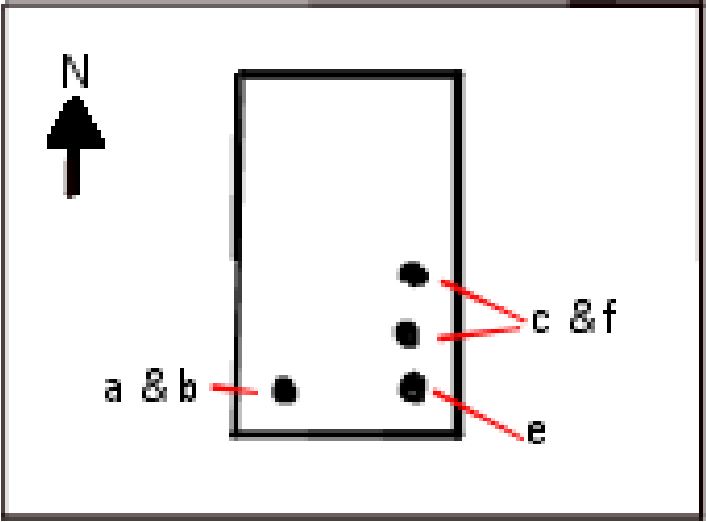


Site obstacles

Sketch key	Type	Detail	Wall material	Roof material	View from station
1	Tree	Deciduous	N/a	N/a	
2	House	N/a	Brown pebbledash	Brown slate	
3	Housing	Detached	Light pebbledash	Brown slate	
4	Tree	Deciduous	N/a	N/a	
5	Retirement buildings	Modern	Red brick	Black waterproof	
6	Retirement buildings	Modern	Red brick	Black waterproof	
7	Retirement buildings	Modern	Red brick	Black waterproof	

8	Retirement buildings	Modern	Red brick	Black waterproof	
9	Tree	Evergreen	N/a	N/a	
10	Tower block	N/a	Grey pebbledash	Black waterproof	
11	House	N/a	White painted brick	Grey/brown slate	
12	Tree	Deciduous	N/a	N/a	N/a
13	Tower block	N/a	N/a	N/a	N/a

Instrument diagram
(Plan view)



Instruments

Sketch key	Name	Variable	True height (m)	Concerns
a	Wind sonic	Wind speed	6.08	N/a
b	Wind sonic	Wind direction	0	N/a
c	N/a	Air temperature	2.65	Close to kitchen and car park heat sources
d	N/a	Atmospheric pressure	3.17	N/a
e	Sample inlet	Air quality	3.40	N/a
f	TEOM	Air quality	3.50	N/a

Instrument image



Instruments: a & b

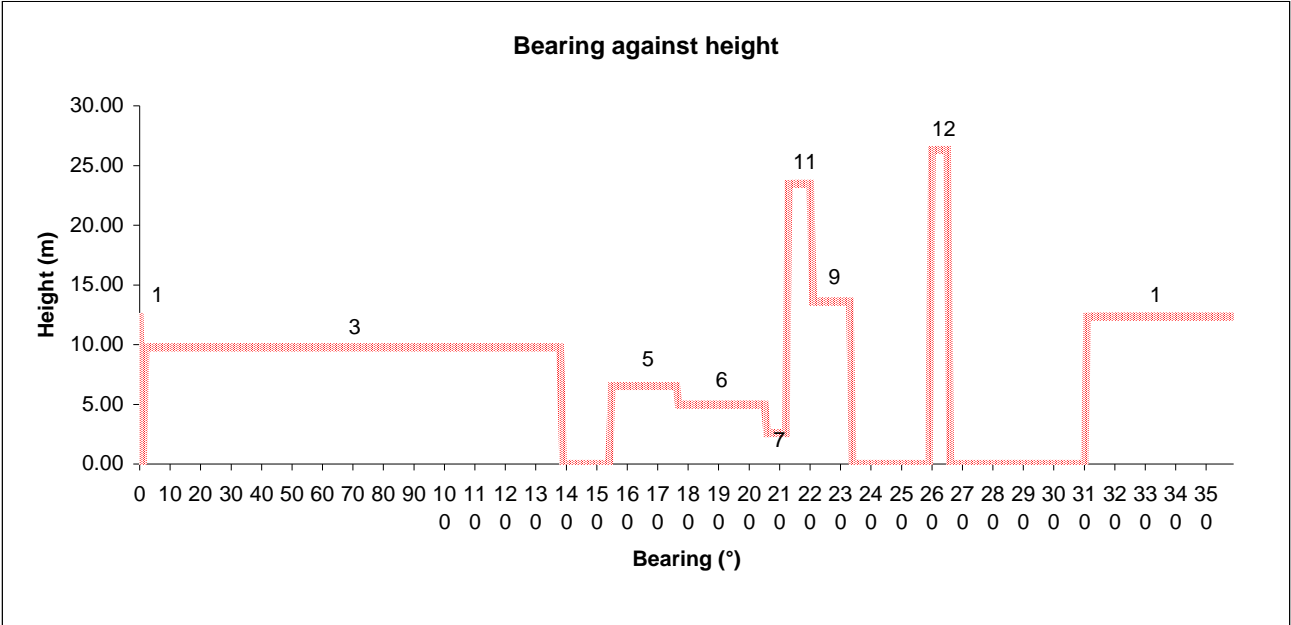


Instruments: e & f



Instruments: e & f

Graphs
Height vs.
bearing



Other
influences

Heat sources	Bearing from site (°)	Source	Location	Detail
	155 - 226	Car park	N/a	Cars sitting with engines running
	155 - 226	Retirement building	N/a	Kitchens

Traffic	N/a	Seasonal features	N/a	Temporary fixtures	N/a
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Task	Initial
Who visited the site	RW, KR, MP
Who filed the report	RE
Who produced the plots	KR

N.B.
values
given to 3
s.f.