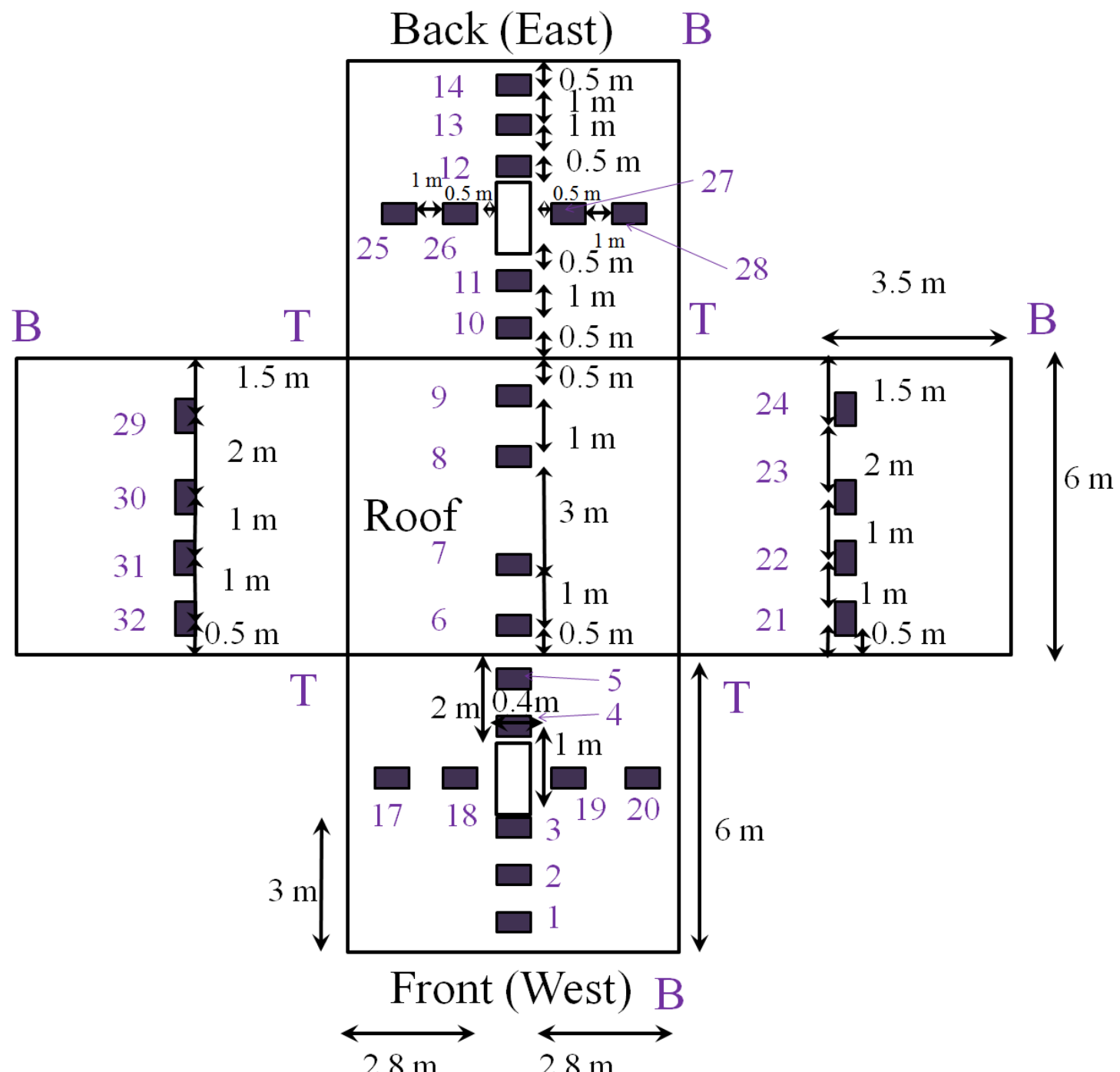


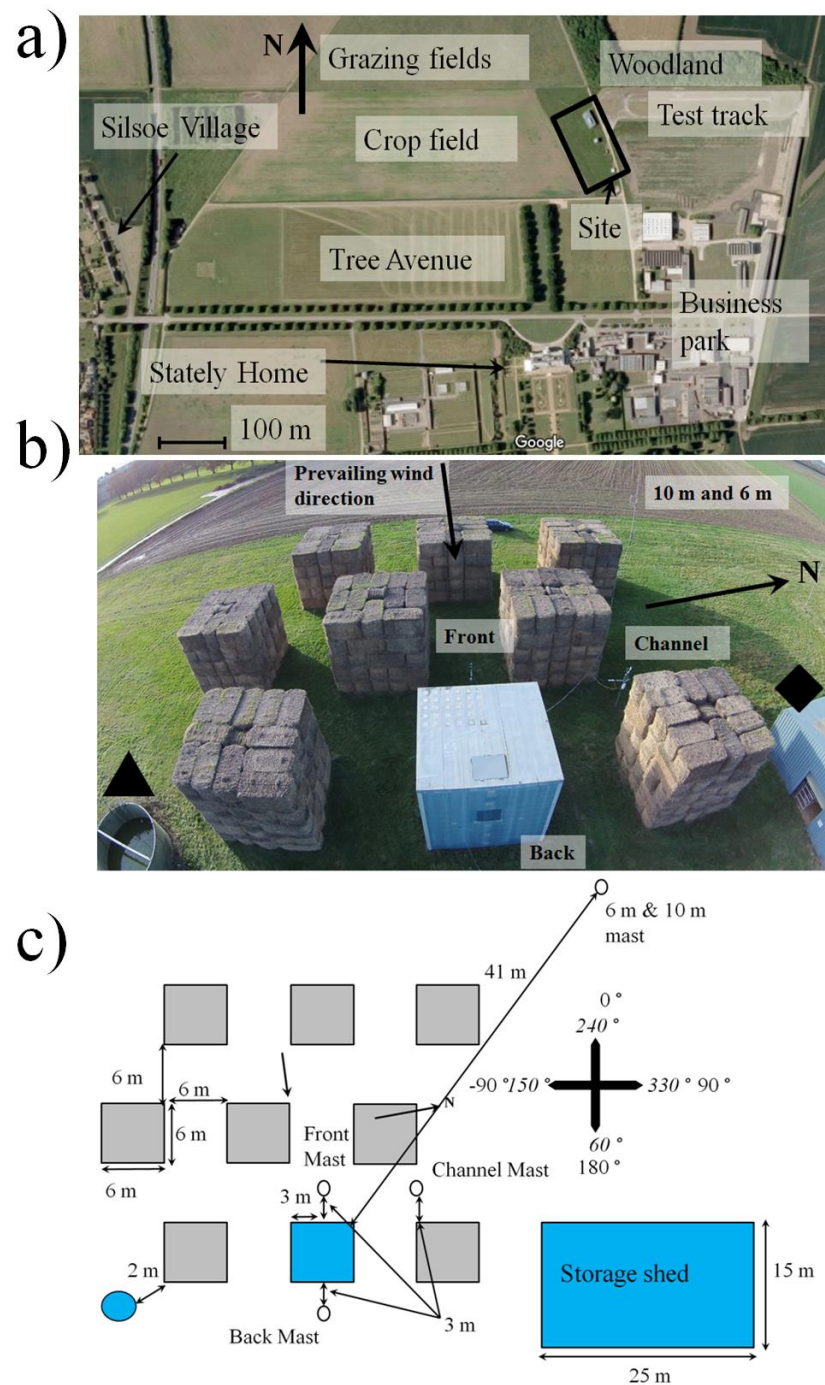
Layouts and diagrams from Silsoe RCC campaign

Taken from Gough 2017 and early versions of publications by Gough et al 2018.

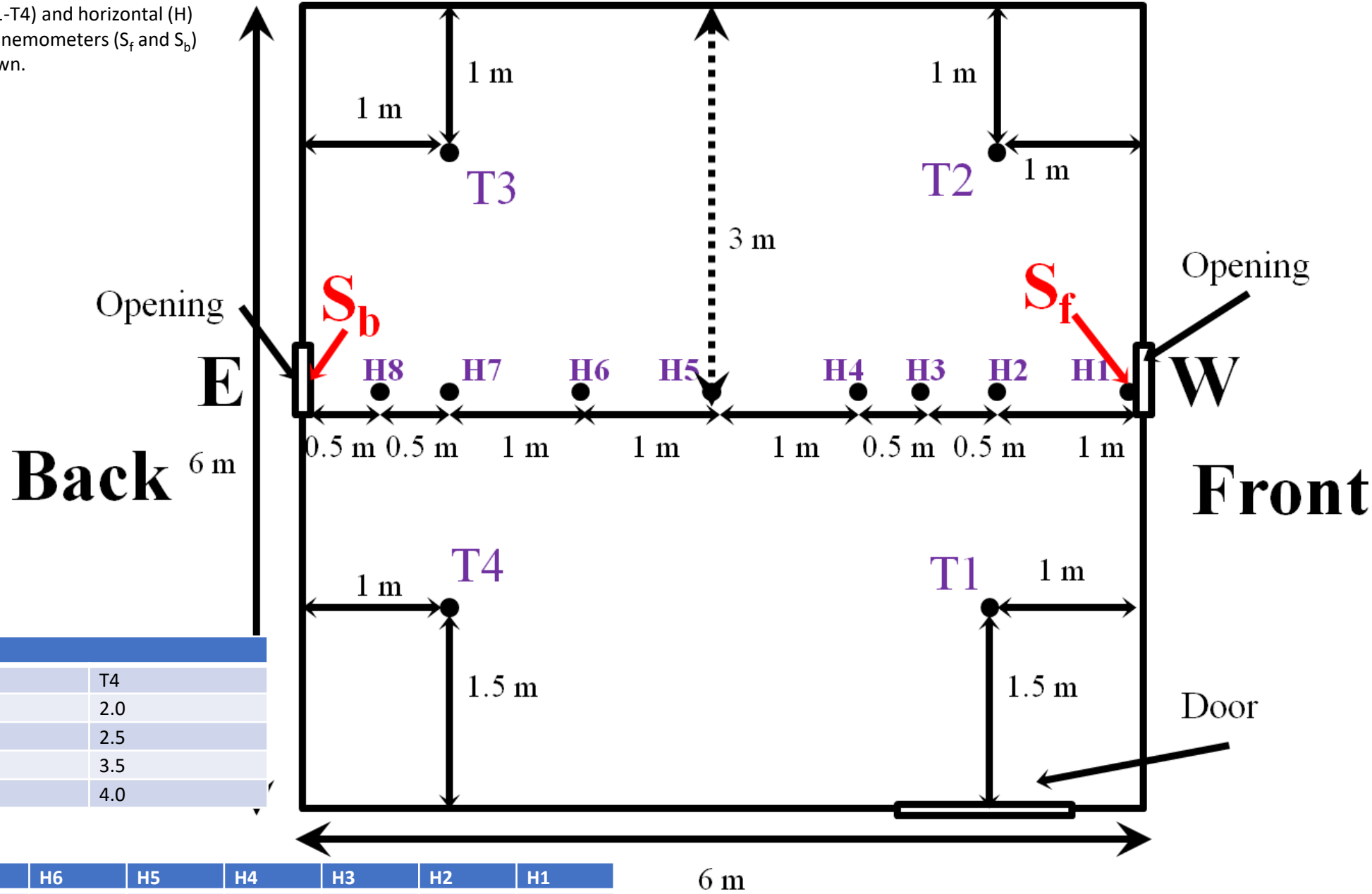
Pressure tap locations- looking down at the cube. T = top, B= bottom. Purple numbers are tap names



RCC full-scale study site at Silsoe: a) plan view with the main features (unchanged since 2009), b) oblique view into the prevailing wind direction of the cube array, with sonic anemometer locations, storage shed (black diamond) and sewage tanks (black triangle), c) plan of the site with angle notation. The blue cube in (b) and square in (d) is the instrumented cube. All cubes are 6 m by 6 m x 6 m. Sources of a: Copyright 2016 Infoterra, Blue Sky Limited and Google Earth.



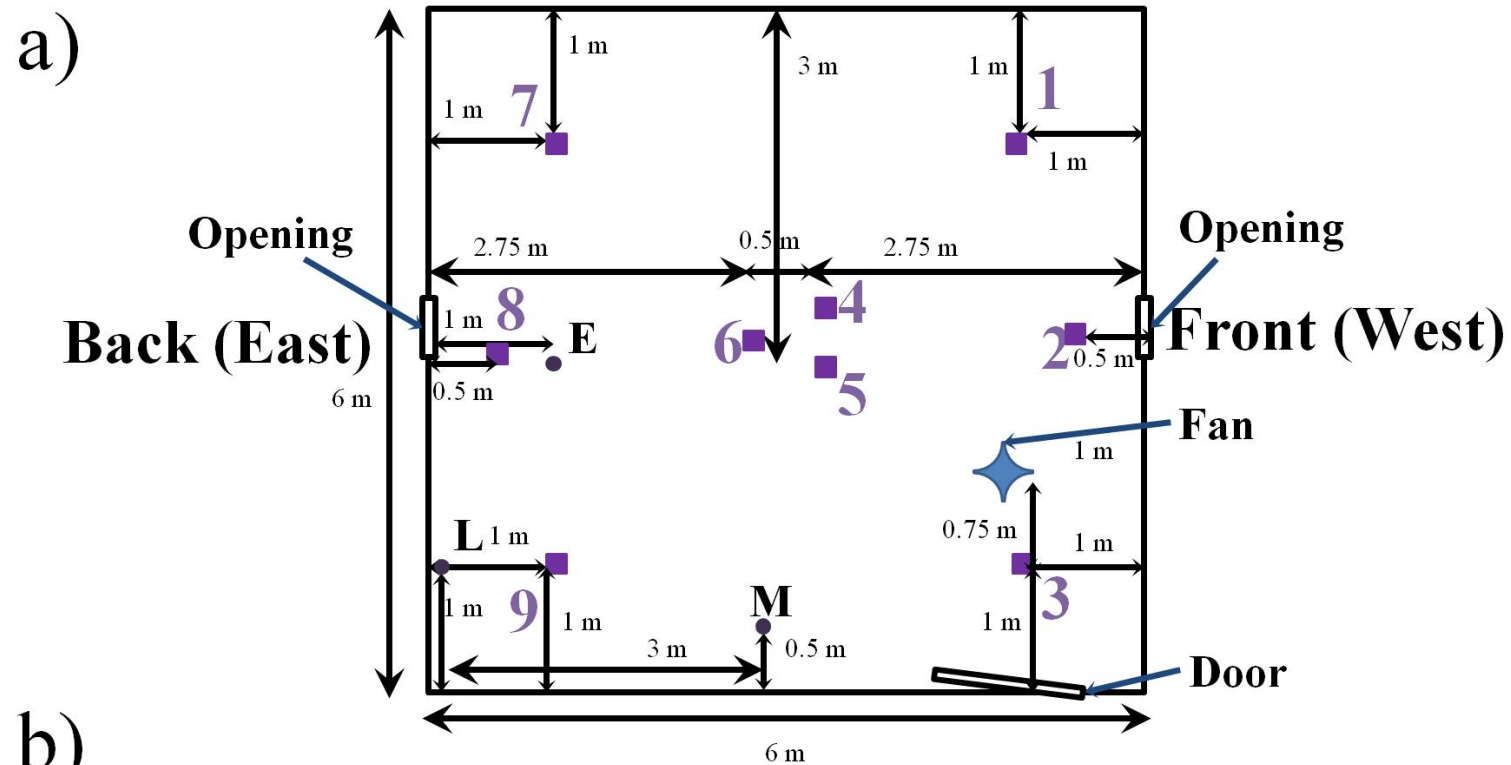
Locations of the 24 thermocouples (vertical (T1-T4) and horizontal (H) arrays, see Table 1 for heights) and two sonic anemometers (S_f and S_b) within the cube and its openings and door shown.
 Source: Gough (2017)



(a)	Number in vertical	Height (m)			
		T1	T2	T3	T4
1		1.0	1.5	3.0	2.0
2		1.5	2.75	2.5	2.5
3		2.5	3.5	1.0	3.5
4		3.0	4.0	0.75	4.0

b)	H8	H7	H6	H5	H4	H3	H2	H1
Distance from S_f (m)	5.5	5.0	4.0	3.0	2.0	1.5	1.0	0.0

Tracer gas set-up showing locations of: a) tracer gas inlet pipes (purple squares, 1-9; 1-5 and 7-9 at 3 m above floor level, #6 at ground level), K30 CO₂ sensors (E/L/M, position within 0.1 m), openings (door shown open but closes flush with the wall) and mixing fan (blue cross).



b)

