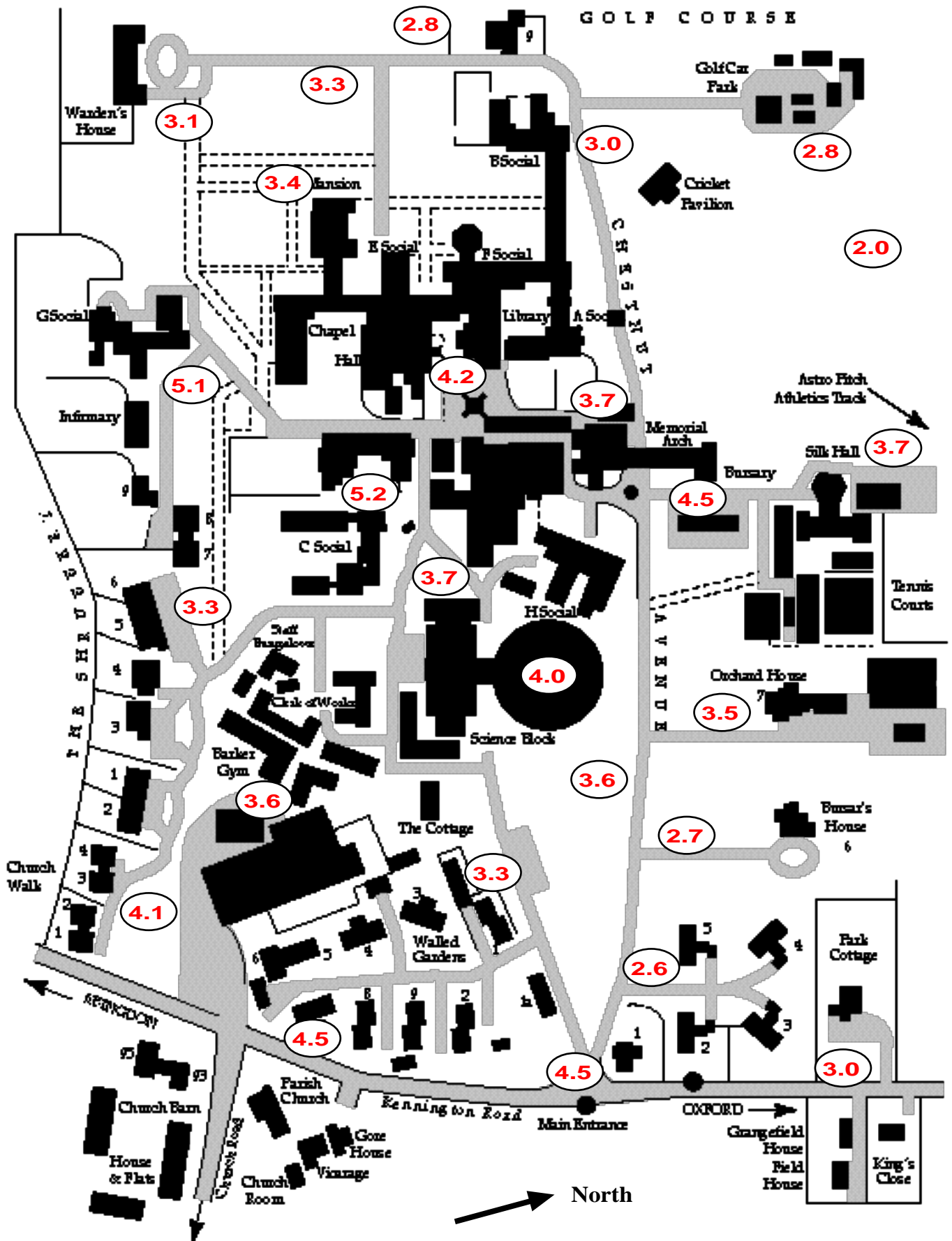


# Radley College - temperature variations

24 Jan, 2000 at 11.30am



General weather conditions: a clear, cold winter morning with stable high pressure conditions.

Data was collected during a geography lesson.

Students worked in pairs and recorded temperature with a digital thermometer.

Q1. Plot isotherms (lines of equal temperature) at intervals of 0.5 deg C

Q2. Describe the resulting pattern of temperature variations around the college.

Q3. Explain possible reasons for the variations (think about such things as the influence of buildings, aspect).

Q4. Would you expect a greater or smaller temperature difference on a cloudy/windy day? Why?