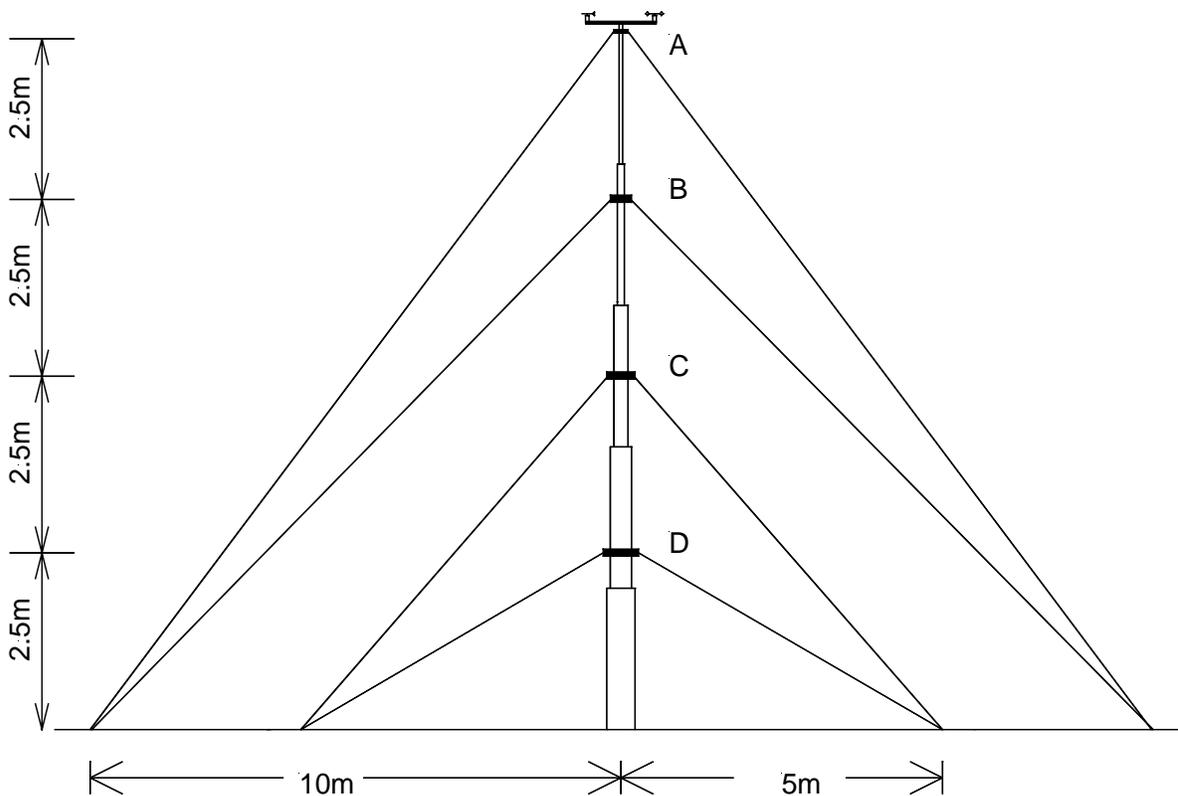


## 10m RETRACTABLE MAST



The 10m retractable mast consists of 5 sections of 2.2m aluminium tube, each section reducing in diameter so that it fits neatly into the section below when retracted. The diameter of the lowest section is 50mm, the upper section 25mm.

The lowest section is fixed to the ground by a baseplate which is bolted or pegged in place. Each of the top 4 sections is secured to the one below by a locking collar, and is kept upright by a set of 3 guylines spaced at  $120^\circ$  (so 12 guys in total).

The guylines include adjustable straining screws and can be installed into a concrete base or soft ground as required.

Mounting brackets use 'U' shaped bolts to clamp around the pole. The wind arm mount fits over the top of the pole at the tip.

Usually the wind sensors are mounted at the top of the mast and their cables run down to the datalogger installed about 1.5m high for easy access for data download. Other sensors can be installed at suitable heights for measurement or accessibility as required.