

SUNPIPE, WINDCATCHER & MONOVENT:

Penryn College

Natural Lighting and Natural Ventilation

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- **Location:** Cornwall
- **Architect:** Poynton Bradbury Wynter Cole



Cornwall's BSF Pathfinder project opened a year ahead of any other projects in this funding group – the £20m scheme provides some 8500 square metres of new accommodation for 1150 pupils aged 11-18 and achieved a BREEAM 'Excellent' rating. The demand for outstanding environmental performance was achieved with an Architectural design approach with daylighting and natural ventilation and cooling prioritised. A total of 42N° Monodraught WINDCATCHERS®, SUNPIPES®, and MONOVENTS, were used throughout the Project, the largest units being some 3.3 m x 2 m on plan. Some of the smaller units were used on a green roof design.

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