

LAND DRAINAGE WORKS AT GROESWEN LANE, HENDREDENNY

Hendredenny School and a nearby property are regularly at risk from internal flooding and actually flooded on an annual basis.

The flooding emanates from fields to the north of Groeswen Lane and because of the gradient of the highway flows to the school and beyond.

The project, undertaken with WAG funding, returned a satisfactory lowest tender from Marton Civil Engineering Ltd in the sum of £35,146.90.



The route : post construction

The works involved the construction of a new culvert through a field in private ownership and a new intake structure (grid) shown in the plate overleaf.

The original design was approved by the then landowner to discharge the flow via new pipe to a point some way down the field. During the tendering process the field was offered at public auction and the new owners insisted on discharging onto CCBC land which effectively increased the pipework by 110%. CCBC, acting as the Land Drainage Authority, had no statutory rights under the Land Drainage Act (1991) to undertake the works. Progress could only proceed with approval from the new landowner, which was agreed. The grid was a bespoke fabrication tailored to satisfy the criteria of the immediate environment. The final cost of the civils works was £81,245.29. The extra costs for additional pipework could not have been foreseen.