

Photo above taken from Chevin Road (without annotations)



Photo above taken from Chevin Road (with annotations)

Roof of principal dwelling at Pennock Hiron Farm only partially visible

Derwent Valley Mills

Nearby dwelling with PV array set against contrasting concrete tile roof in a much more visually prominent position compared with application site

Possible larger PV array set against dark roof in a much more visually prominent position compared with application site

SUMMARY

This additional information has been prepared in response to the Heritage Consultant's comments regarding the potential impact of the proposed PV array within the wider landscape and heritage context. It provides an assessment of the available long-distance view of the application site from Chevin Road and explains how the proposed PV array has been carefully integrated into the design of the outbuilding to minimise its visual presence. The information demonstrates that, through its siting, orientation, scale, and choice of materials, the proposed PV array would have a negligible visual effect and would therefore preserve the significance and setting of the World Heritage Site.

Only very limited views of Pennock Hiron Farmhouse are available from Chevin Road, comprising very partial glimpses of the roof of the principal dwelling. The proposed outbuilding would not be visible from Chevin Road due to its siting within the application site, its single-storey form, and the substantial existing tree cover from this viewpoint. The extent and density of the existing vegetation are such that, even during the winter months when foliage is reduced, it is highly unlikely that the outbuilding would be visible.

Notwithstanding this, the proposed PV array has been carefully integrated into the design of the outbuilding to minimise its visual presence. The panels are located on the roof slope facing away from Cemetery Road, ensuring they are not visible from the public highway or within the immediate publicly accessible surrounding context. The roof is proposed to be finished in slate, and the PV array will comprise of all-black monocrystalline panels incorporating an anti-reflective coating. This enables the panels to integrate closely with the dark slate roof covering, thereby minimising any visual prominence, particularly in the limited and filtered long-distance views that are available. This approach compares favourably with some existing properties in the surrounding and wider area where roof-mounted PV arrays are considerably more visible from the public realm due to their orientation, greater prominence, or increased contrast with the host roof material.

The roof slope facing away from Cemetery Road has capacity for approximately eight to nine standard domestic PV panels, depending on the final panel dimensions, arrangement and system specification. An installation of this scale is considered modest and is regarded as a small-scale renewable energy system. The PV array is intended primarily to provide renewable electricity for the operation of the outbuilding, including the charging of electric and battery-powered equipment and the operation of associated machinery. Any surplus electricity generated would be exported to the principal dwelling, thereby contributing to the overall energy efficiency of the site.

Overall, the proposed outbuilding would not be visible from Chevin Road and would not form part of the appreciation of the setting of the Mill from this particular public viewpoint, although other minor glimpsed views may be available from other vantage points. Nevertheless, careful consideration has been given to the design, siting and appearance of the PV array to ensure that any glimpsed views and potential visual effects are appropriately mitigated. As a result, the proposal would have no adverse effect on the significance or setting of the World Heritage Site.

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CLIENT
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PROJECT
Pennock Hiron Workshop

DRAWING
Additional PV Array Information

PROJECT NUMBER	SCALE @ A1	DATE	BY
4148	NTS	Sep 2025	OC

DRAWING NUMBER	REVISION	STATUS
209		Preliminary

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