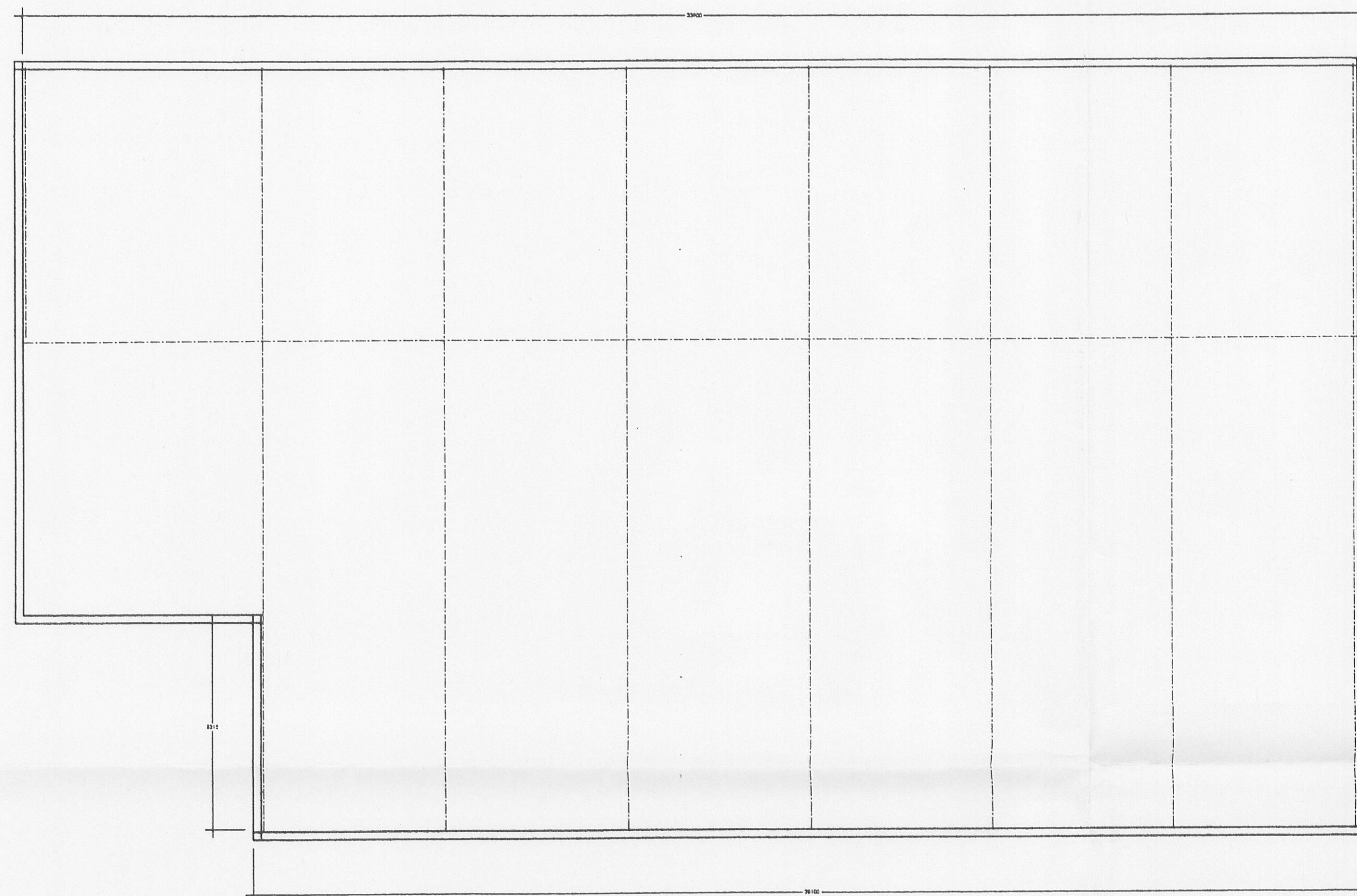
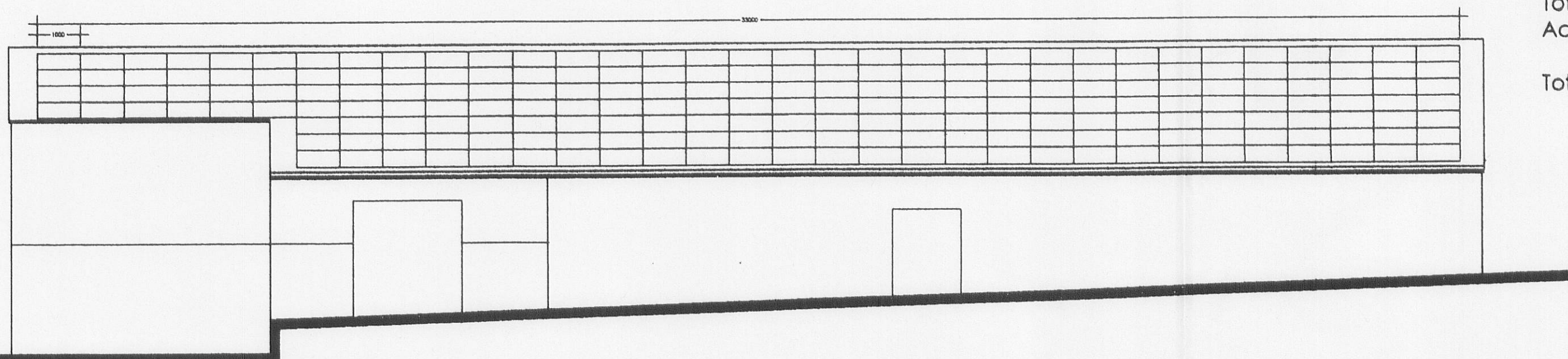


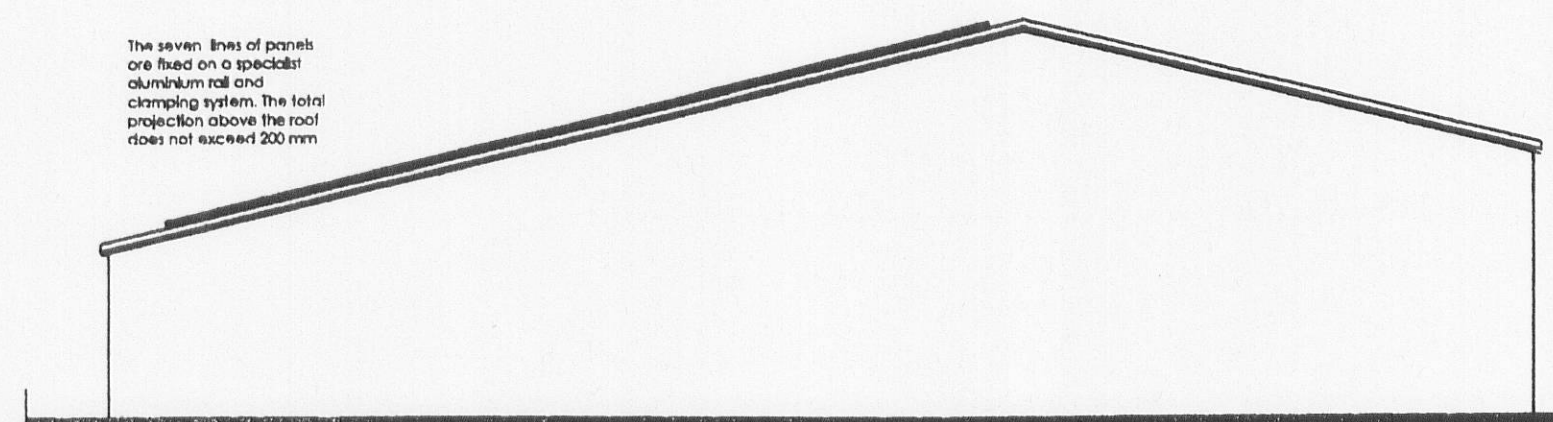


EXISTING FOOTPRINT OF THE BUILDING



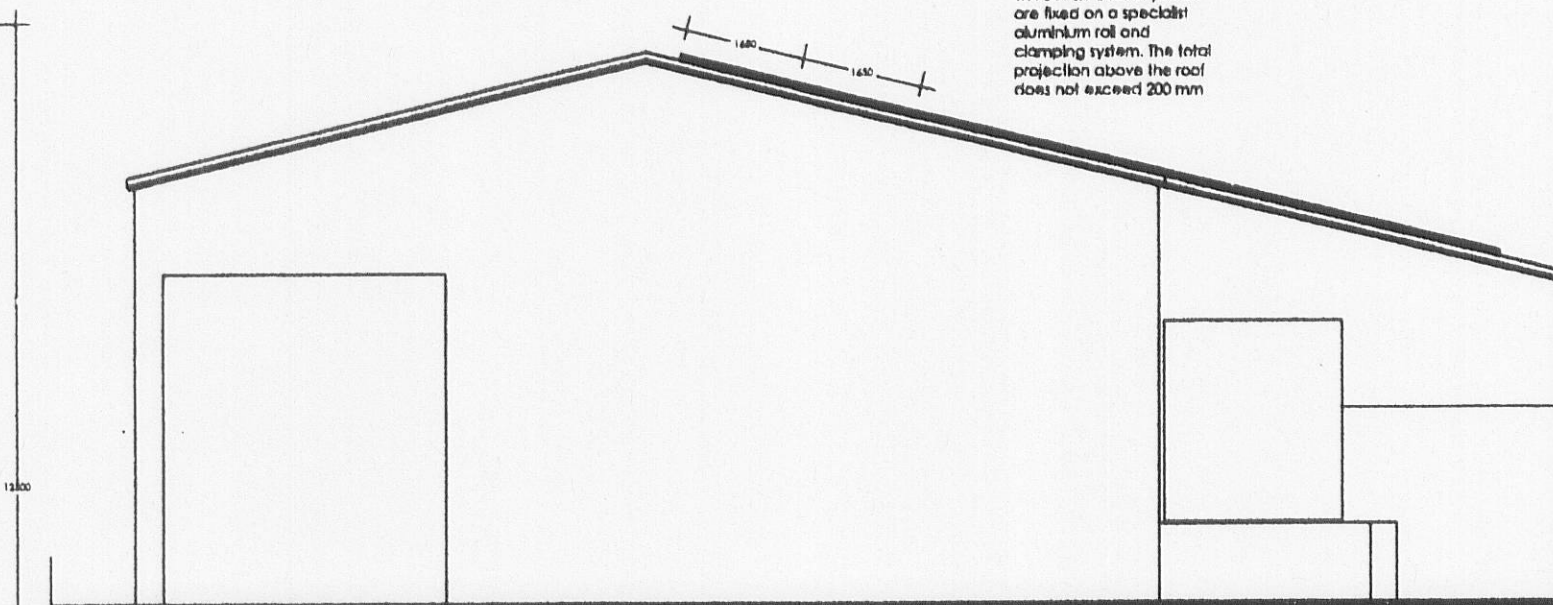
PROPOSED SOUTH ELEVATION

The seven lines of panels are fixed on a specialist aluminium rail and clamping system. The total projection above the roof does not exceed 200 mm



PROPOSED EAST ELEVATION

The seven lines of panels are fixed on a specialist aluminium rail and clamping system. The total projection above the roof does not exceed 200 mm



PROPOSED WEST ELEVATION

The building is a portal frame structure with a mixture of fair face block and cladding to the walls and cement fibre corrugated single skin roof. Views showing the roof pitch and the setting out of the panels on the south facing roof. The panels are 1650mm x 1000mm and aligned in a portrait arrangement in strings of panels as shown.

This drawing is for planning approval only and shows the maximum amount of PV panels to be installed based on 250w per panel. The panels are mounted on aluminium rails securely fixed to the purlins through the roof sheeting. They sit approximately 150mm proud of the roof finish and are set out down from the ridge line.

The roof pitch is approximately 13 degrees

Total number of panels = 213
Accurate setting out to be determined on site

Total kw/p installation = 53.250

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PROPOSED PHOTOVOLTAIC INSTALLATION
FARM BUILDING AT 2-

HACKINGS HOLIDAY CARAVAN PARK
ELKER LANE
BILLINGTON

DRAWING LH/100 JAN 2011 1:100