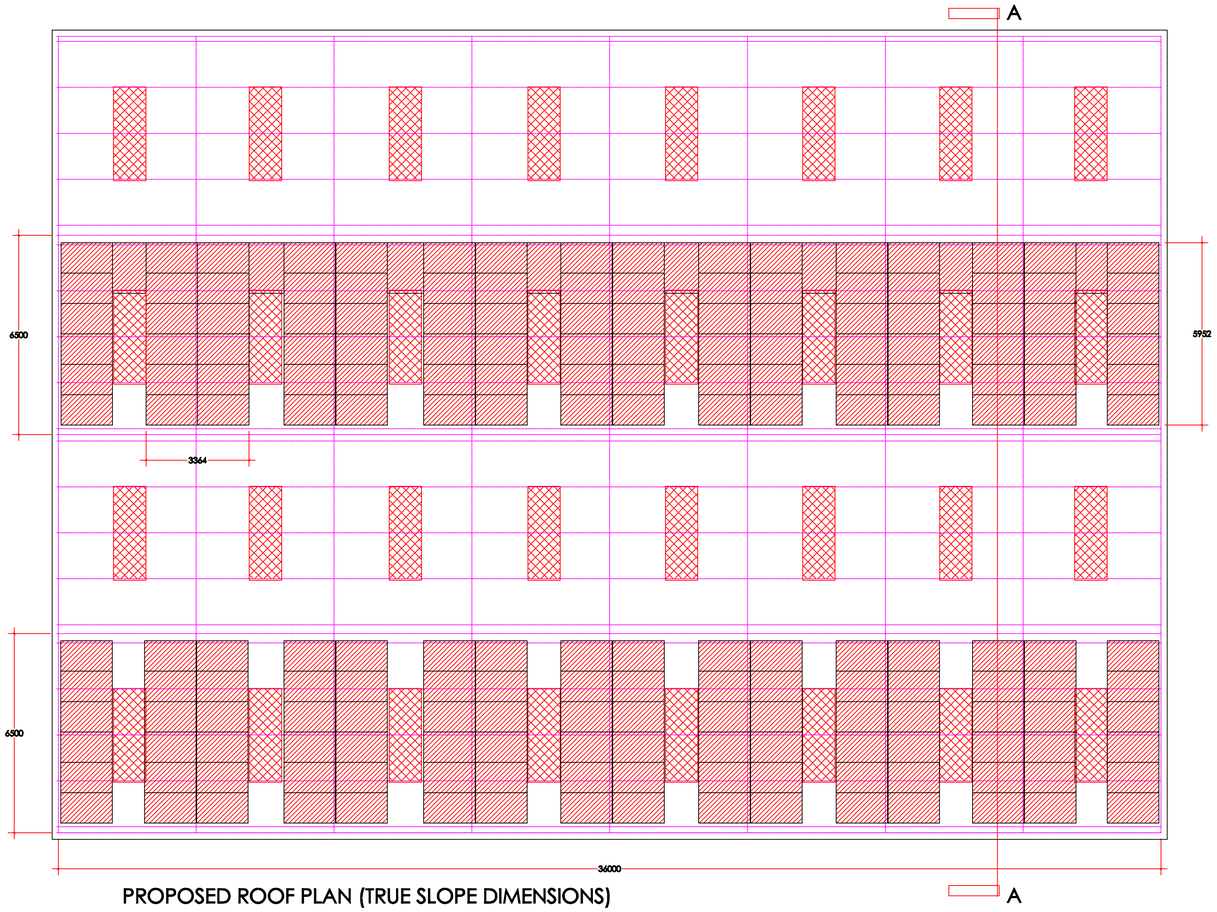
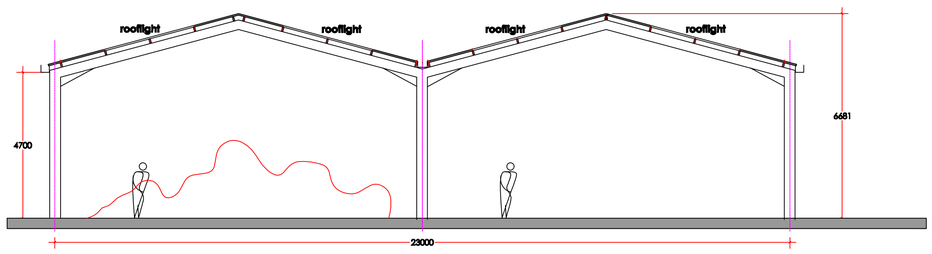


PROPOSED ROOF PLAN (TRUE SLOPE DIMENSIONS)



EXISTING CROSS SECTION THROUGH THE SITE - A-A

This scheme shows a 50kWp Solar PV installation mounted on the south facing roofs respecting the alignment of the existing roof lights.
Detailed roof survey to determine the precise setting out.
The panels are arranged in rows on aluminium rails bolted through the to the roof purlins through the cement fibre profiled sheeting. The roof pitch is 15 degrees and the PV panels are set out below the vents close to the ridge. The panels do not sit up more than 200mm from the ridge of the profiles.

There are a 200 x 250W (992 x 1650 x 45mm) aluminium framed monochrystaline panels shown which are arranged in a landscape formation between the rooflights and there are portrait infill panels above the rooflights to one of the slopes.

LINTON FARM
MERRYLEES ROAD
THORNTON
LEICESTERSHIRE

PROPOSED ROOF MOUNTED PHOTOVOLTAIC INSTALLATION ON EXISTING SLURRY STORE

1 : 100

DRAWING PH/AP/2000 JULY 2011