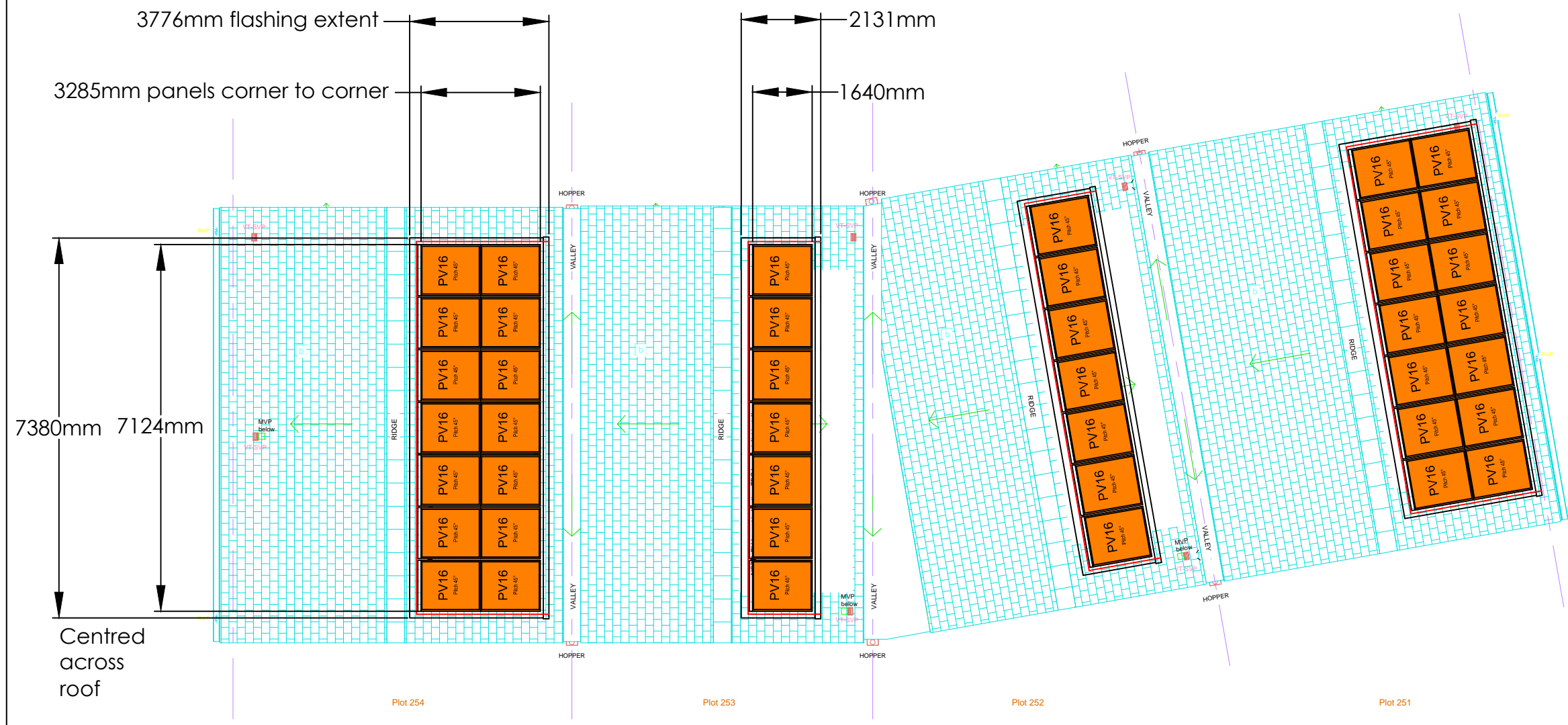


## On-slope measurements



**Note:**  
Viridian Solar has produced this design based on information and drawings supplied by the client. It remains the client's responsibility to ensure that shading from nearby buildings and trees does not affect the system.

**Weight of solar panels:**  
 PV16 21kg  
 V20/PV20 43kg/41kg  
 V30/PV30 64kg/57kg

Where the panels are fitted into a pitched tiled/slate roof, they are fixed directly to the roof battens with a uniformly distributed load of 21kg per m<sup>2</sup> (20 and 30 series) or 13kg per m<sup>2</sup> for PV16. Therefore, they probably weigh less than the roof covering they are replacing. Roof structure modifications are unlikely to be necessary.

**Revisions:**

**Notes:**

Viridian Solar  
 Atlas Building,  
 68 Stirling Way, Papworth,  
 Cambs. CB23 3GY  
 T 01480 831501  
 F 01480 831831  
 www.viridiansolar.co.uk

**TITLE**  
 Viridian Fusion solar arrangement  
 for Bicester Village  
 - Plots 251 to 254

<b>DRAWN</b> DG	<b>CHECKED</b> N/A
<b>DRAWING NUMBER</b> 8721 / SK3	<b>Sheet Number</b>
<b>DATE</b> 20.10.16	<b>SCALE</b> 1:100 @ A3