



Weight of solar panels:
 PV16 21kg
 PV15 / V15 30kg / 31kg
 PV20 / V20 41kg / 43kg
 PV30 / V30 57kg / 62kg

Where the panels are integrated into a pitched roof, fixed directly to the roof battens, the uniformly distributed load is around 18kg per m² (13kg / m² for PV16). Therefore, they probably weigh less than the roof covering they are replacing. Roof structure modifications are unlikely to be necessary.

Revisions:

Notes:

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TITLE
 Clearline Fusion PV16 -
 Integrated Pitched Roof
 Array Dimensions

DRAWN DG CHECKED KTT

DRAWING NUMBER 10.011c Revision

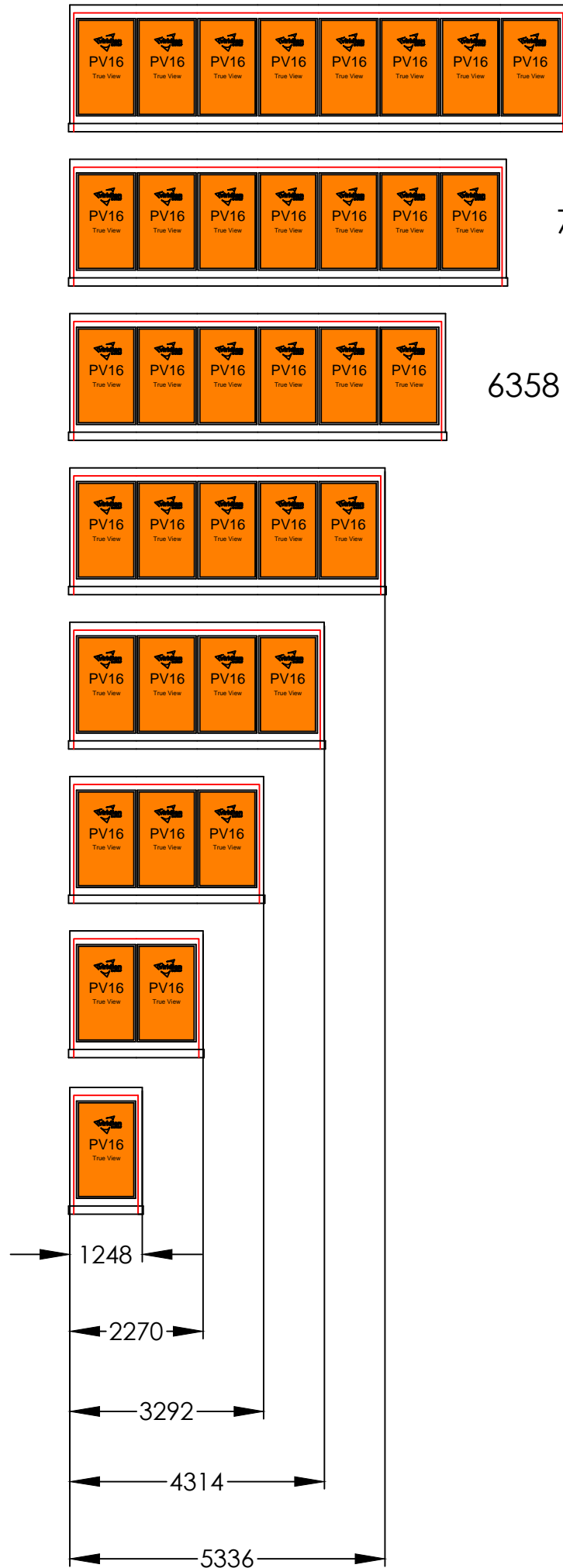
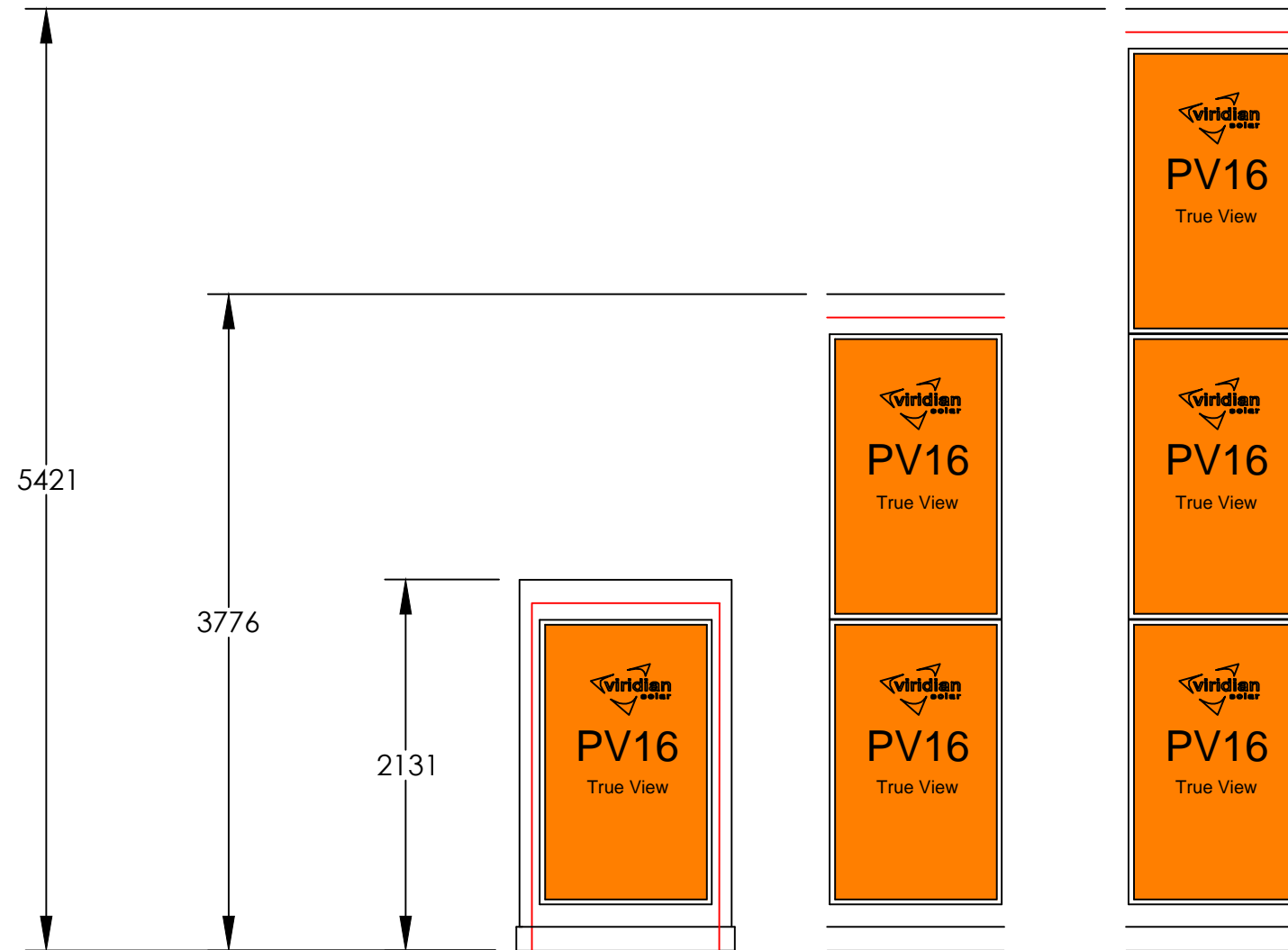
DATE 07.09.15 SCALE NTS

8402 (Add 1022mm width per additional panel)

7380

(Add 1645mm roof slope per additional row)

6358



Projected height on elevation drawings

Roof pitch	20	25	30	35	40	45	50	55	60
1 Row	730	900	1065	1222	1370	1507	1632	1745	1845
2 Rows	1291	1596	1888	2166	2427	2670	2892	3093	3270
3 Rows	1854	2291	2710	3110	3485	3833	4153	4440	4695