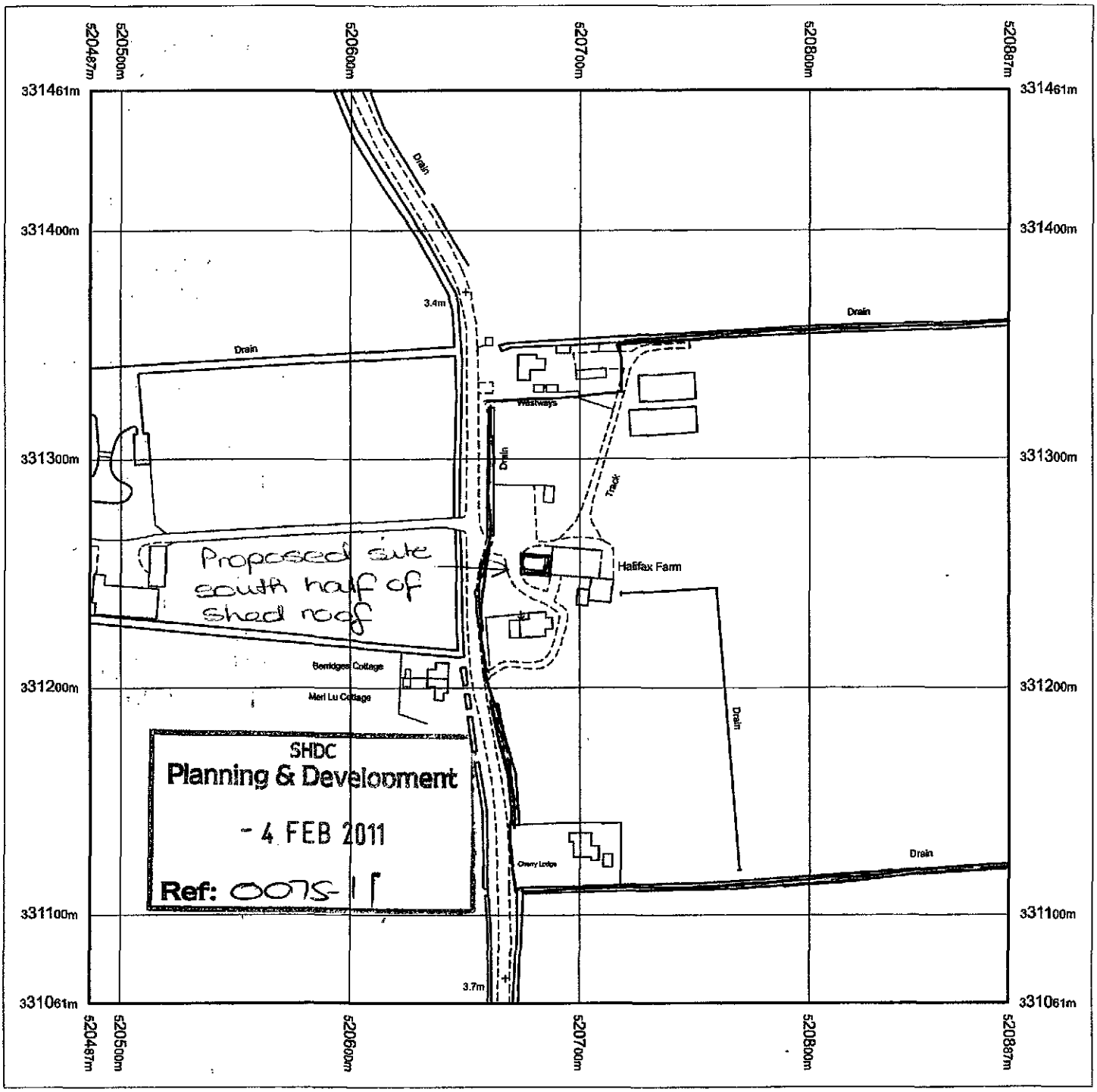
Ordnance Survey®

OS Sitemap®



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The representation of a road, track or path is no evidence of a right of way.

The representation of features as lines is no evidence of a property boundary.

Metres
0 20 40 60 80 100

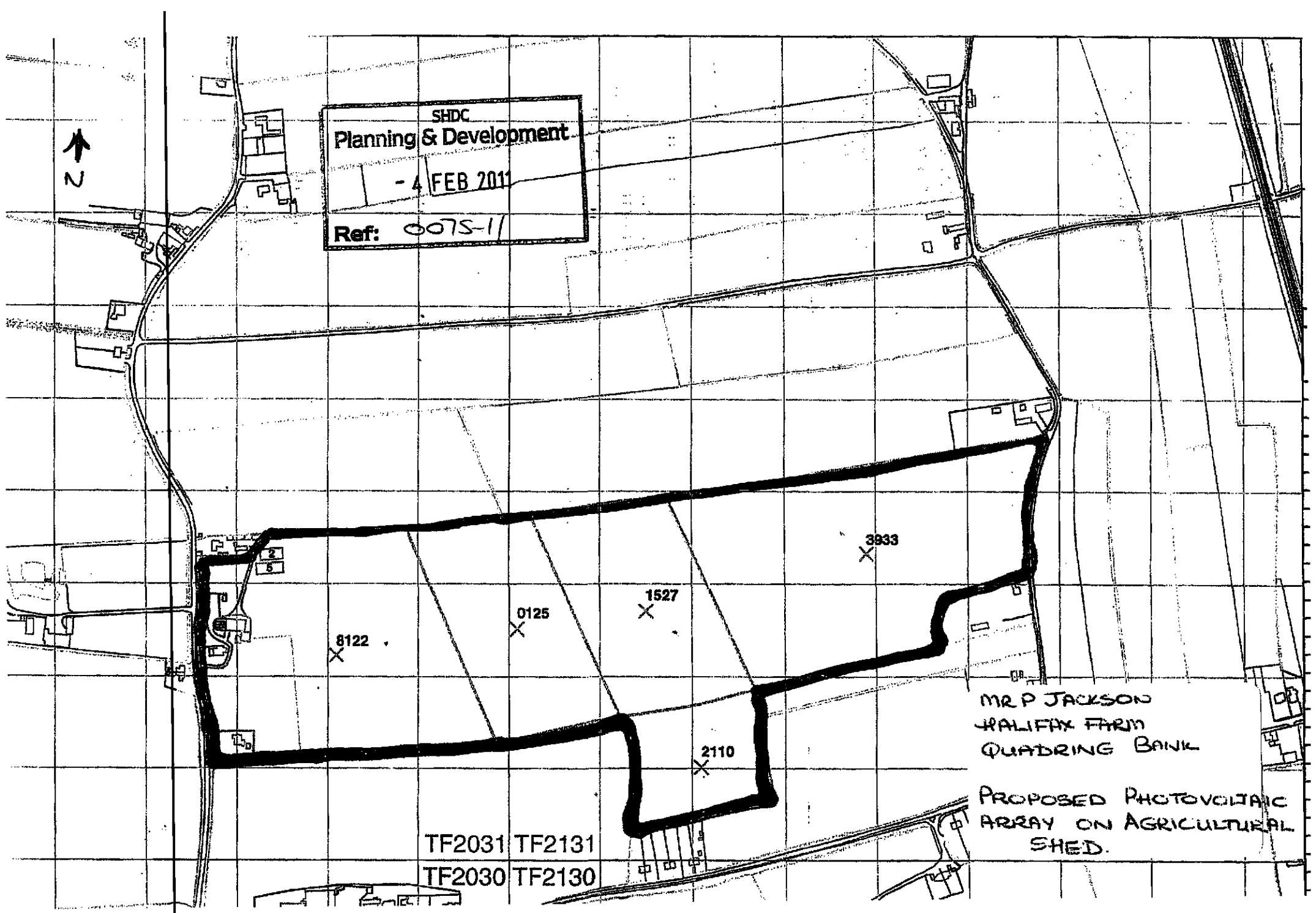
Scale 1:2500

Supplied by: **Bookmark Spalding Ltd**
Serial number: 00111800
Centre coordinates: 520686.75 331261.25

Further information can be found on the OS Sitemap Information leaflet or the Ordnance Survey web site:
www.ordnancesurvey.co.uk

MR P JACKSON
HALIFAX FARM
QUADRING BANK
PE11 4LQ.

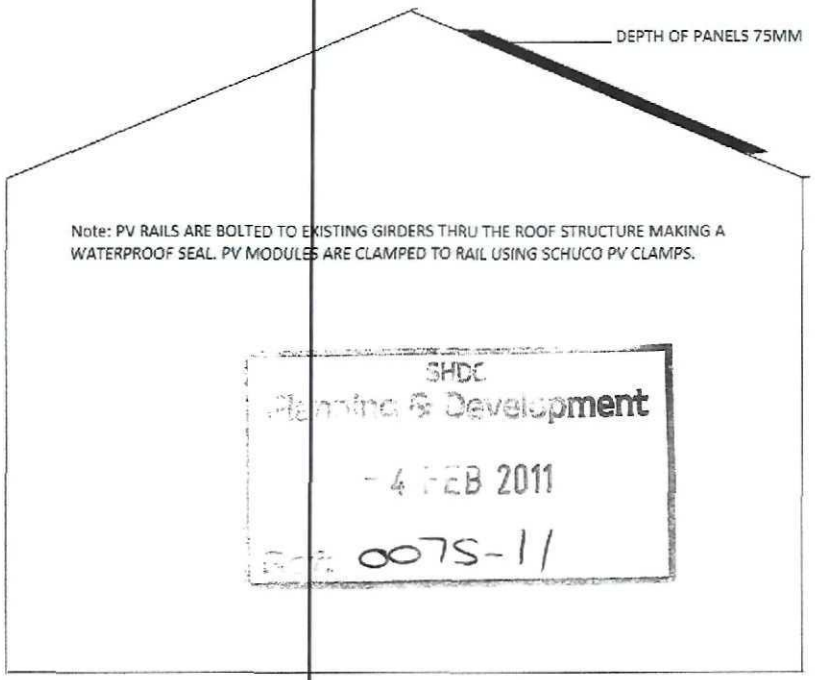
PROPOSED
PHOTOVOLTAIC ARRAY
ON AGRICULTURAL
SHED ROOF



PLAN SHOWING OWNERSHIP OF LAND OUTLINED IN BLUE

SCALE 1:5000

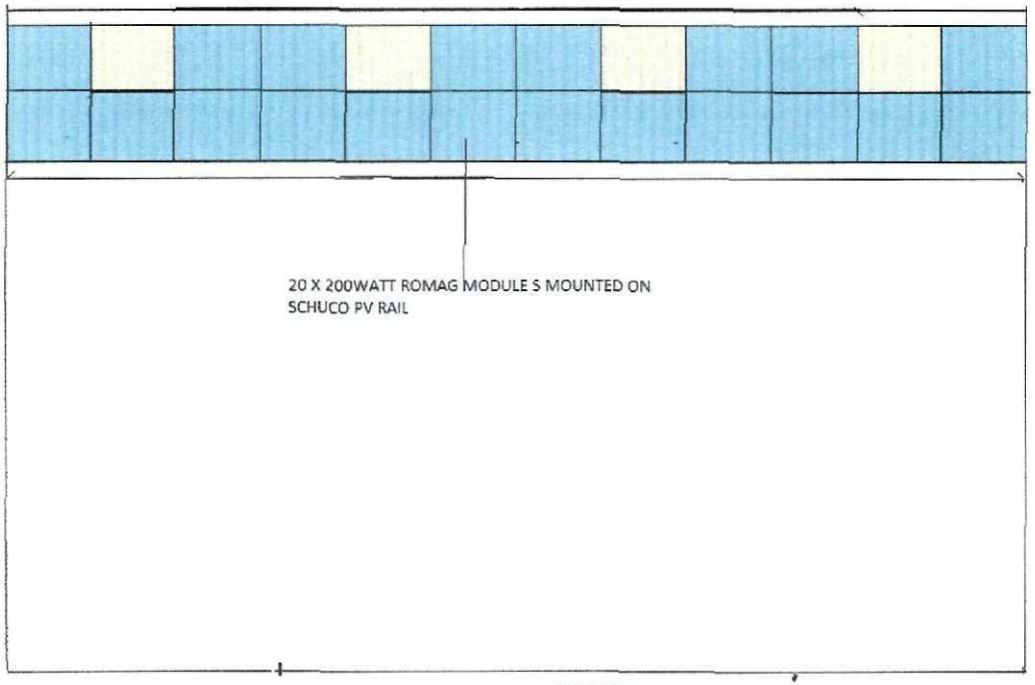
WEST FACING VIEW



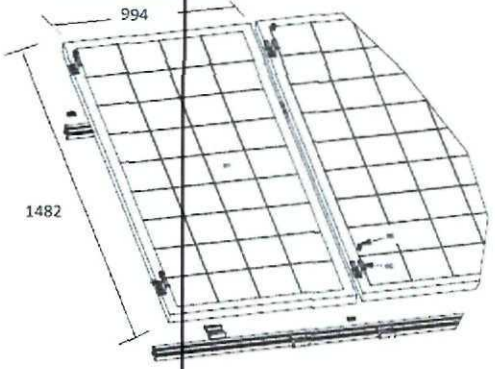
Note: PV RAILS ARE BOLTED TO EXISTING GIRDERS THRU THE ROOF STRUCTURE MAKING A WATERPROOF SEAL. PV MODULES ARE CLAMPED TO RAIL USING SCHUCO PV CLAMPS.

SHDC
Planning & Development
- 4 FEB 2011
Ref: 0075-11

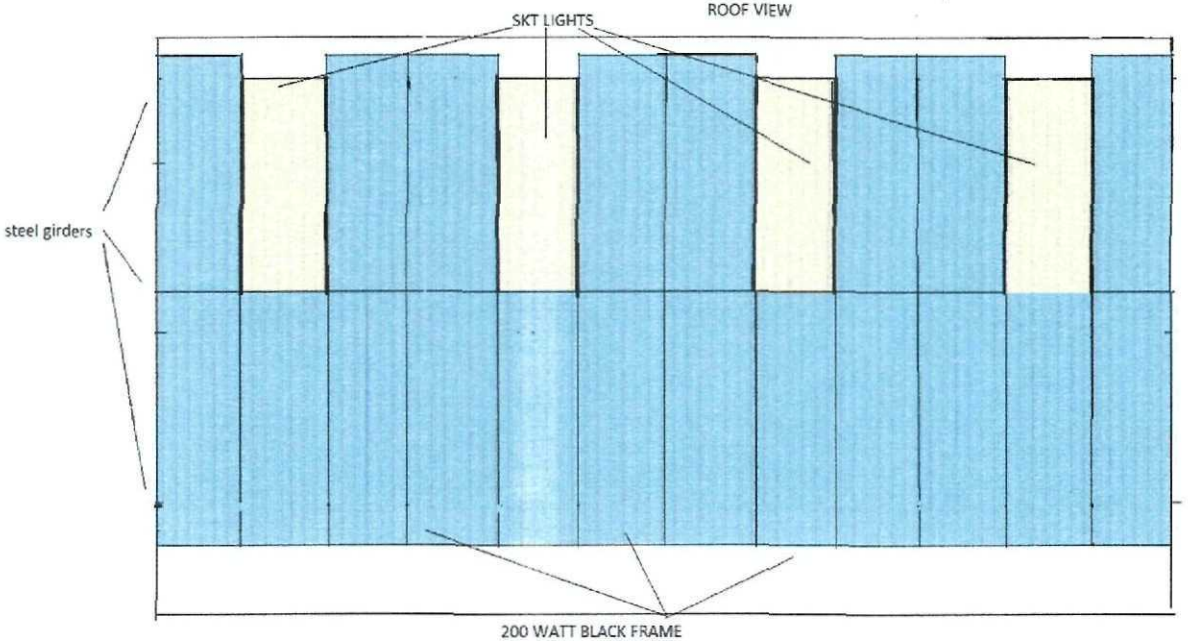
SOUTH FACING VIEW



ROMAG 200WATT
MODULE SMT654P-200



ROOF VIEW



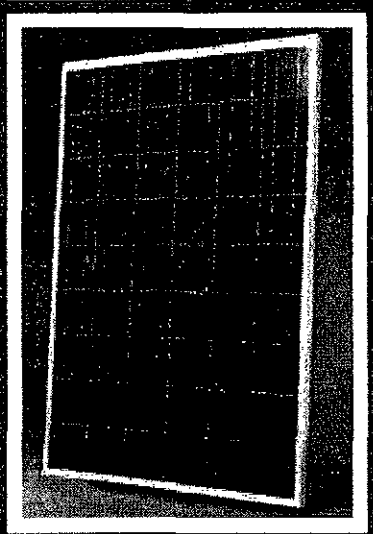
CLIENT	P JACKSON
PROJECT	4KWP SOLAR ARRAY
DATE	21st JANUARY 2011

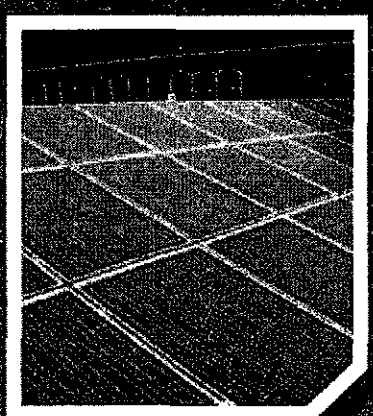


Romag
SOLAR

Planning & Development
- 4 FEB 2011
0075-11
Ref:

Romag SMT 6(54)P PV Modules





Romag SMT 6 Series Modules

Romag are a UK glass processor and solar PV manufacturer. The SMT 6 Series modules are made in the UK, which improves both availability and service in the UK market. Romag also process glass used in our PV modules at the same location as our PV line which further improves logistics and quality control. These features also combine to achieve the lowest possible embeded CO^2 content compared with many PV modules. (Most modules available in the UK are of Asian origin and are shipped to the UK or use glass imported from Europe and beyond consequently clocking up numerous 'carbon miles').
SMT 6 Series modules were the first PV modules to achive the BSI Kite mark for MCS certification.

Important Features

- Suitable for use in systems up to 1000V DC
- Maximun applied load to front surface, of 5400 Pa
- Maximun applied loading, front and back, of 2400 Pa
- Manufactured in our ISO 9001: 2008 certified factory
- Factory regularly audited by BSI, TÜV SÜD and ICIM
- Repetitive cycling between -40deg C and +80deg C at 80% relative humidity
- Simulated impact of 25mm hail at terminal velocity
- 3000V DC frame/cell string isolation test
- Bypass diodes to counteract shading effects

Maintenance

Romag SMT6 Series PV modules are passive with no moving parts to wear out and if installed at an angle of over 20° are self cleaning in most locations. We do however, recommend an inspection of the modules at least once a year and any dirt build up should be cleaned off.

MADE IN UK

LOW CARBON FOOTPRINT

'IN HOUSE' GLASS PROCESSING (BETTER SERVICE AND QUALITY CONTROL)

MCS CERTIFIED

BLACK FRAMES, SILVER FRAMES OR UNFRAMED VARIENTS

AVAILABLE AS 'PV KITS'

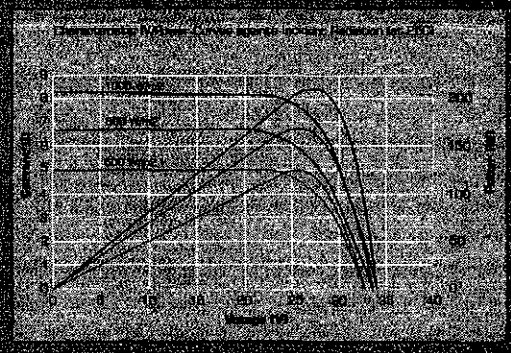
PowerGLAZ

Romag SMT 6(54)P Electrical Characteristics

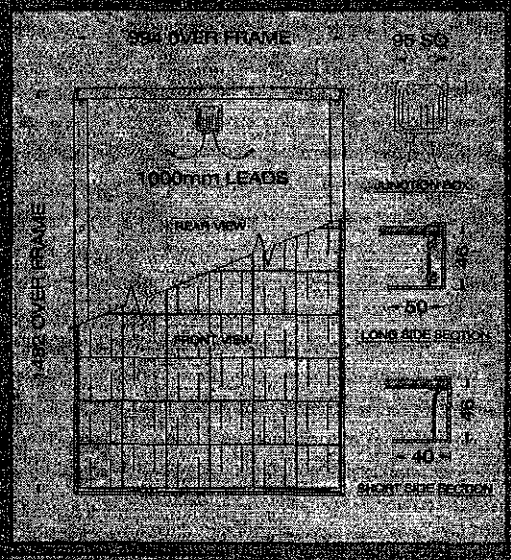
Pmpp	210	205	200	WP
Vmpp	26.95	26.25	26.14	V
Impp	7.87	7.80	7.64	A
Voc	33.61	33.22	33.22	V
Isc	8.33	8.29	8.14	A
FF	75.70	74.31	73.87	%
Efficiency	14.3	13.9	13.6	%

Temperature Characteristics

Coeficients: Power -0.45%/°C Voltage -0.35%/°C Current 0.05%/°C







Features

- High efficiency photovoltaic modules made of polycrystaline silicon solar cells 156mm square.
- Bypass diodes to minimise power loss caused by shading.
- Acid etched cells for especially high current yields.
- Choice of silver or black anodised aluminium frames
- Module efficiency up to 14.3%
- Output: connection cable with locking connector.
- 5 year product guarantee.
- 10 year performance guarantee for 90% of original measured power output.
- 25 year performance guarantee for 80% of original measured power output.
- Lead free components used throughout.

Romag PV Kits

To make life easier for installers and clients, Romag offers a range of standard PV kits. There are eight kits ranging from 1.2kW to 4.0kW which fit nicely into the highest UK 'feed in tariff' for retrofit PV installations. The kits include all components required for installation including Romag SMT 6 Series Modules, mounting rails, matched inverter, isolator switches, all packed on a single pallet and ready for installation.

Current Range

Romag constantly strive to provide the best possible range of products to meet dynamic market needs. Our current range provides module outputs from 175W to 235W but improvements in efficiency and alternative cells will enable us to widen our product offering and higher output modules will soon be added to the Romag SMT 6 Series range. More information will be provided soon.

Romag SMT 6(60)P PV modules are suitable for the smallest domestic on roof or ground mounted systems, social housing projects, large scale on roof commercial installations, and large ground large solar fields. In fact the Romag range is ideal for any grid connected installation.

Certification

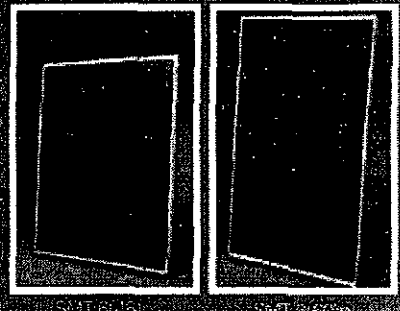
Romag's SMT 6 Series modules were the world's first PV modules to be certified under the Microgeneration Certification Scheme (MCS) by the highly respected BSI certification body. Maintaining this certification will involve consistent and on-going attention to detail during manufacture and regular audits by BSI will ensure that this is maintained.

Quality

Romag's processes are also certified by BSI to the latest Quality Standard BS EN ISO 9001:2008.

Safety

SMT 6 Series modules are certified by ICIM in Italy in accordance with IEC 61215 Edition 2 and IEC 61730



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Email: info@romag.co.uk Web: www.powerglaz.co.uk

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