

Preliminary Site Layout

Emmen

Option II

Coordinates:	LATITUDE: 52.743694°	LONGITUDE: 7.033117°
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Country	- Netherlands
Region / Province	- Drenthe
Municipality	- Emmen

Key	
	Module Structure
	Plot Boundary
	Fencing
	Construction Boundary
	Array Area
	Watersensitive Area
	Road
	Single Inverter Station
	Gate / Entrance
	Collecting Station

Project Data

Plot area	- approx. 18.77 ha
Fenced area	- approx. 17.17 ha
Construction area	- approx. 15.84 ha
Array area	- approx. 14.48 ha
Fence length	- approx. 2237 m

Type of System	- fixed array
Number of structures [10 x 9]	- 915
Number of structures [10 x 6]	- 70
Number of modules	- 86550 modules
Type of module / power	- FS 4125 / 125 Wp

Inverter	- 4x SMA SC-2500
	- 4x Single Inverter Station

Collecting stations	- 1x
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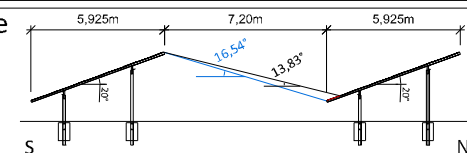
Plant System Rating:

DC (STC) Power	- 10.81875 MWp
AC Power	- 10.00 MVA
DC / AC Ratio	- 1.08

Row Spacing:

Construction Series / Wiring	- FS 20° / 15 string (hz)
Shading / Safety distance	- 1 module / no
Sun Angle / Shadow Angle	- 13.83° / 16.54°

Sketch from the table section:
not to scale



Parameters	considered	not considered
Shadow	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ground Inclination North / South	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ground Inclination East / West	<input type="checkbox"/>	<input checked="" type="checkbox"/>

V02	reduced DC power	KR	27.02.15	DP 27.02.15
V01	preliminary design created by	KR	06.02.15	DP 09.02.15
V00	changes in the design	name	date	checked date

for review for construction as built

PLANNING STEP:
Preliminary Design

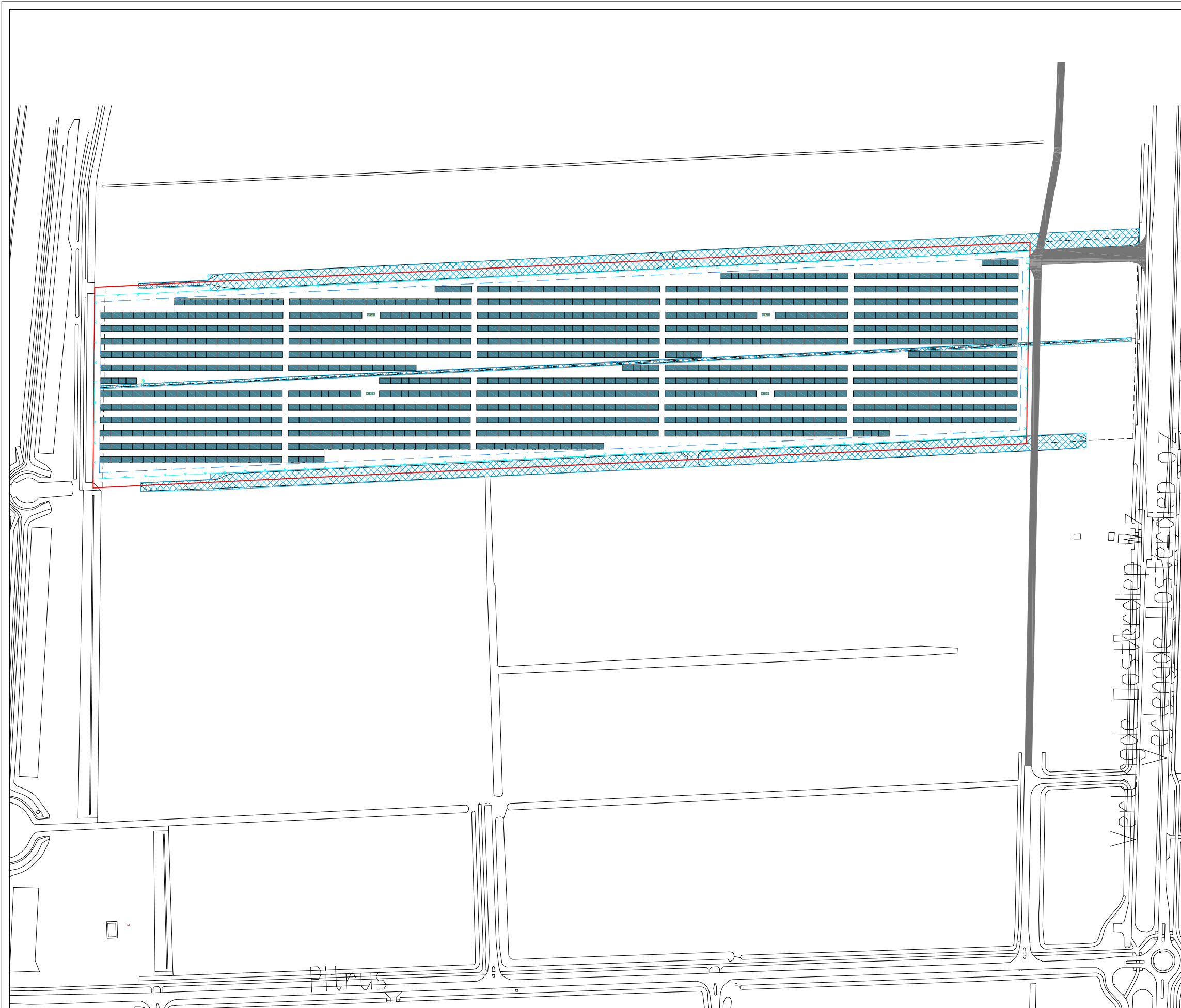


SCALE: No Scale FORMAT: A3 DATE: 06.02.2015

DRAWING NUMBER:
12-002-Emmen-Opt II

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GRAPHIC SCALE (at original size):