

TEHNILINE PROJEKT

Solar Full Roof

Projekti nr: xxx

Projekti nimetus: Tallinna tn 62, Viljandi linn, Viljandi maakond

Koostas: Maria Alnek

diplomeeritud arhitekt, tase 7, kutsetunnistuse nr. 103343

Tellija: xxx

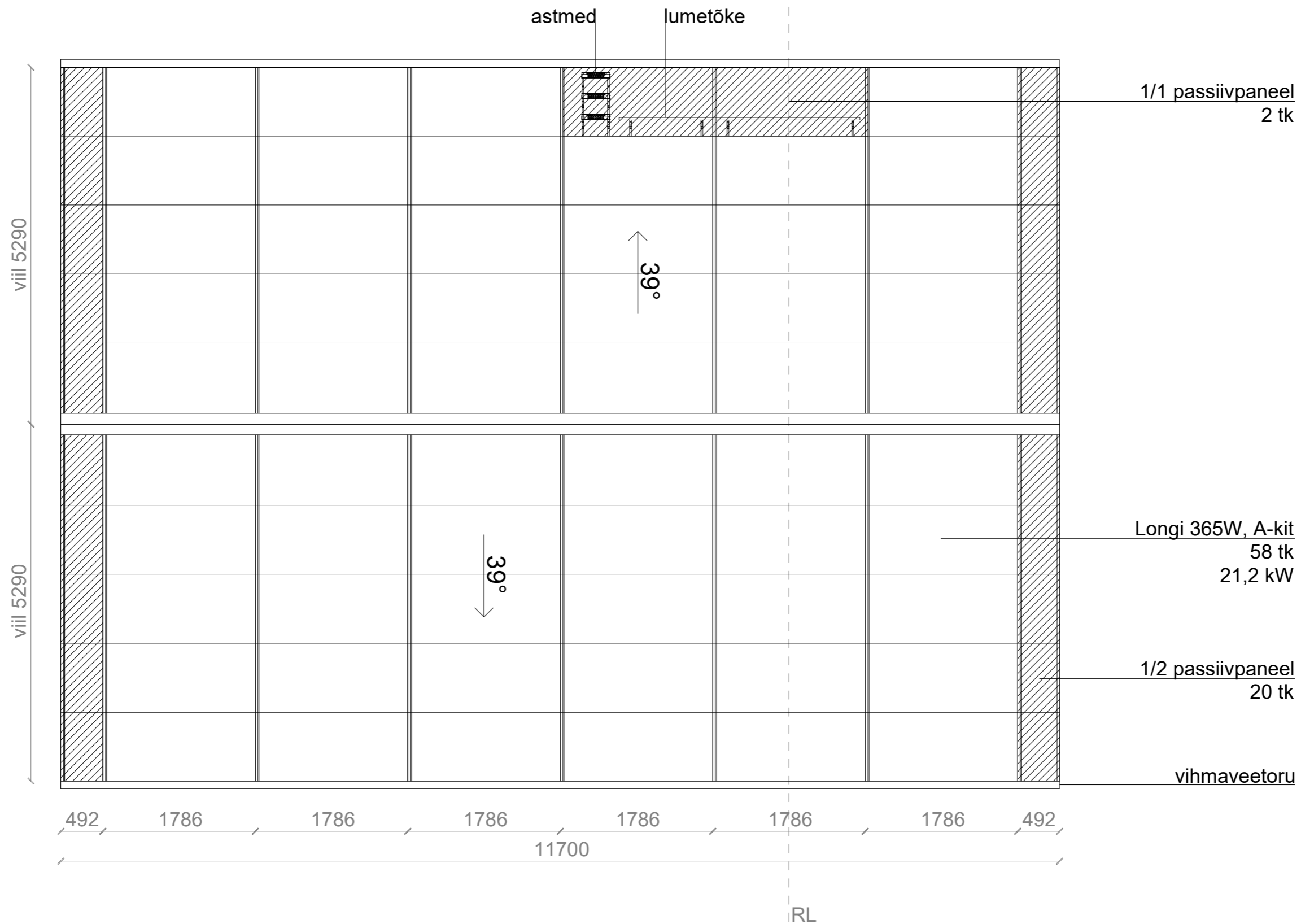
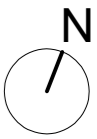
SOLARSTONE OÜ

12916046 | EE101855882

Tallinna tn 58, Viljandi EE-71018, Eesti/Estonia

sales@solarstone.com | +372 5631 6666





KOKKU:
Longi 365: 58 tk (21,2 kW)
1/1 passiivpaneele: 2
1/2 passiivpaneele: 20

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tel: +372 5631 6666
Reg nr: 12916046, MTR: TEL003507

PROJEKTUJUH: _____
JONESTAS: M. ALNEK
VASTUTAV ISIK: _____

OBJEKT: SOLAR FULL ROOF PÄIKESEKATUS
Tallinna tn 62, Viljandi linn, Viljandi maakond

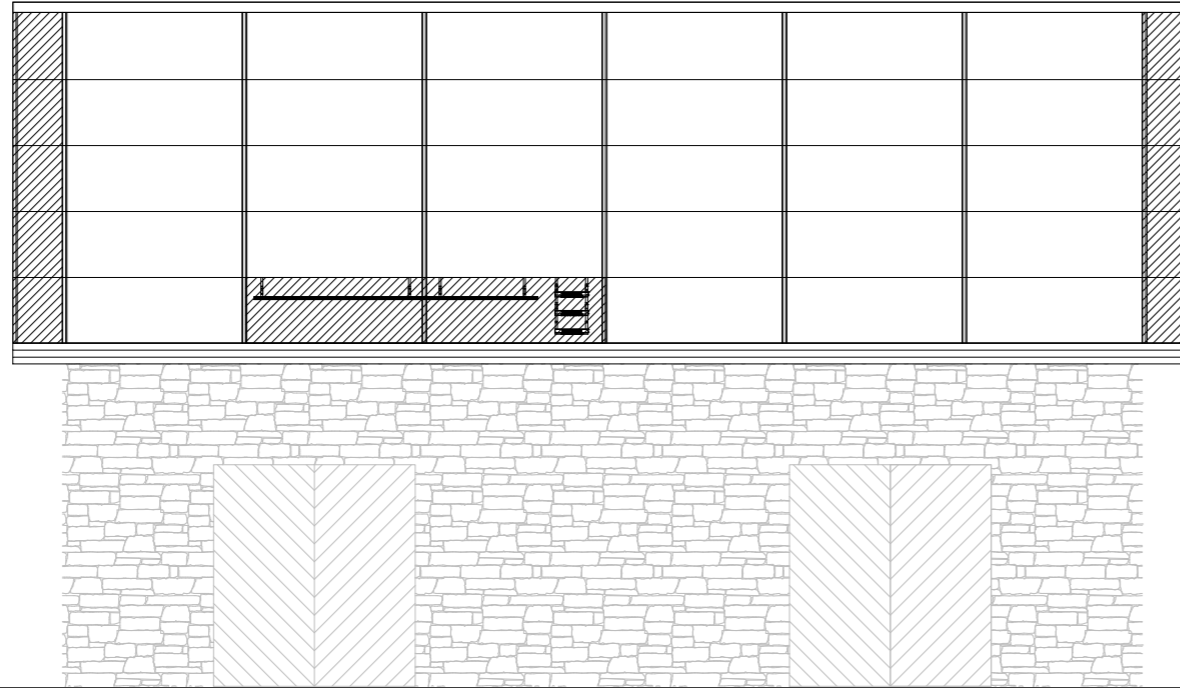
JONIS: KATUSE PLAAN

TÖO NUMBER: XXX
STAADIUM: Solarstone tehniline projekt

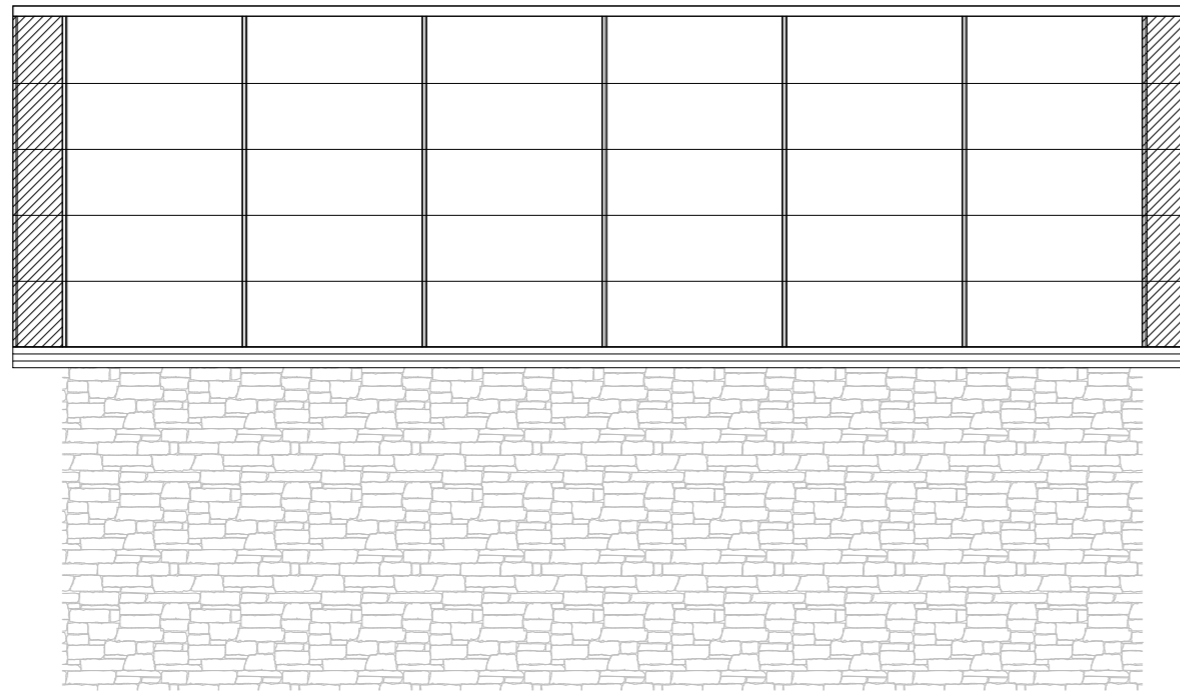
JONISE nr: 01
LEHT/LEHTI: 1/1
MASTAAP: 1:50

24.01.2024

VAADE PÕHJAST



VAADE LÕUNAST

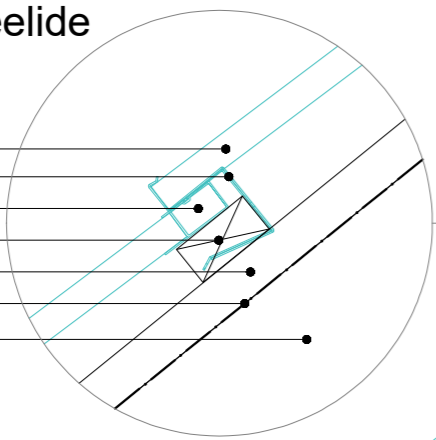


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PROJEKTUJUHIT:	
JOONESTAS:	M. ALNEK
VASTUTAV ISIK:	

OBJEKT:		SOLAR FULL ROOF PÄIKESEKATUS		TOO NUMBER:	XXX	STAADIUM:	Solarstone tehniline projekt
		Tallinna tn 62, Viljandi linn, Viljandi maakond		JOONISE nr:	02	LEHT/LEHTI:	1/1
		JOOINIS:		VAATED PÕHJAST JA LÕUNAST		MASTAAP:	1:75
							24.01.2024

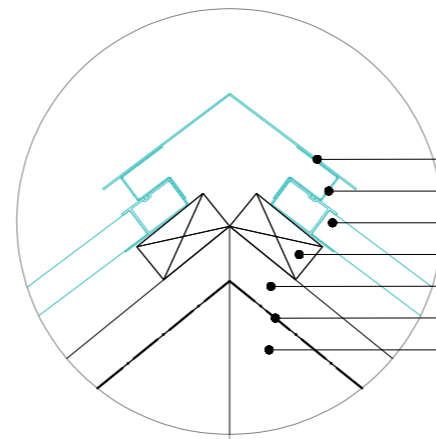
S2 - PV paneelide ühendus

- Longi 365W, A-kit
- reklambr 35/50
- Longi 365W, A-kit
- roov 50x100mm
- distantliist 50mm
- veeauru juhtiv aluskate
- sarikas



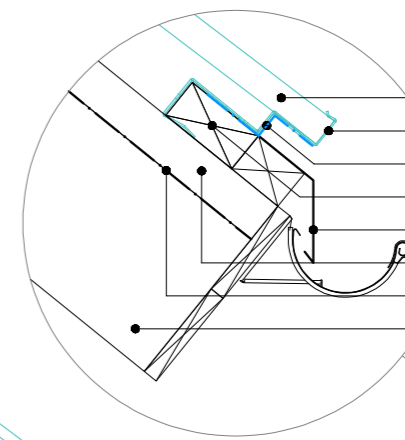
S3 - harjasõlm

- harjaplekk
- katuseharja tuulutusliist
- Longi 365W, A-kit
- roov 50x100mm
- distantliist 50mm
- veeauru juhtiv aluskate
- sarikas



S1 - räästasõlm

- Longi 365W, A-kit
- 1.rea klamber 35/50
- linnutõke
- roov 50x100mm
- tilgaplekk
- distantliist 50mm
- veeauru juhtiv aluskate
- sarikas



lumetõke

39°

39°

1040

1040

1040

5290

1040

1060

70

MÄRKUSED:

- Solarstone OÜ pakumises sisalduvad tooted

Solarstone soovib kasutada Riwega USB Protector Head FH 240 või Isola Iso-D Xtra Nordic või sarnast aluskatet, mis vastab standardile EN 13859-1:2014. See tuleb paigaldada vastavalt tootja juhiste ja soovitudele. Mistahes Solarstone'i päikesekatuse all olev aluskate peab olema nii hingav kui ka veekindel. Kui katuse kalle on alla 18°, tuleb kasutada SBS/PVC aluskatteid. Vaata ka Solar Full Roof paigaldusmanuaali!

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PROJEKTUHT:

JOONESTAS: M. ALNEK

VASTUTAV ISIK:

OBJEKT:

SOLAR FULL ROOF PÄIKESEKATUS
Tallinna tn 62, Viljandi linn, Viljandi maakond

JOONIS:

KATUSE RISTLÕIGE JA SÕLMED

TÖO NUMBER:

XXX

JOONISE nr:

03

LEHT/LEHTI:

1/1

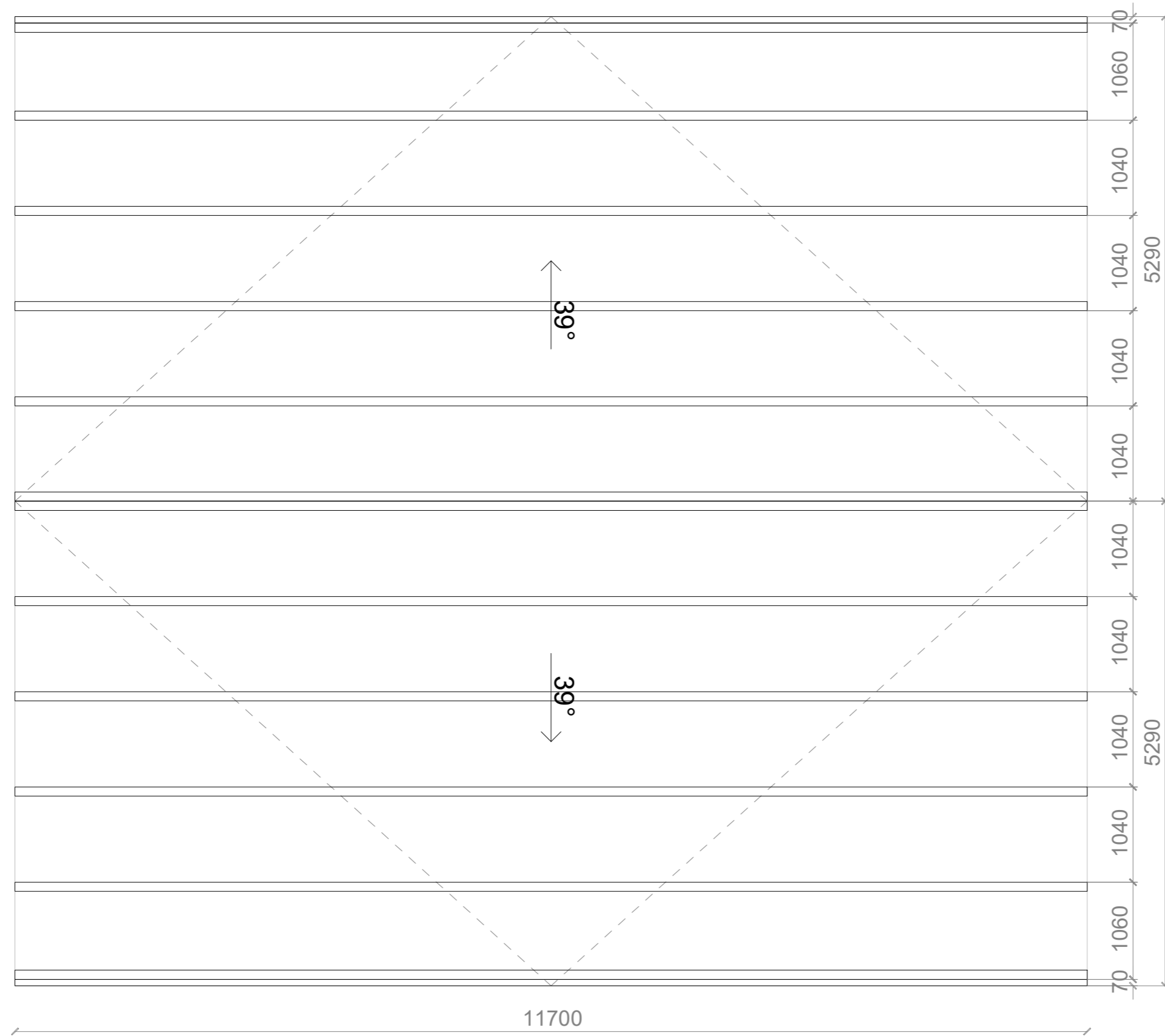
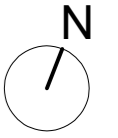
STAADIUM:

Solarstone
tehniline projekt

MASTAAP:

1:25

24.01.2024



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PROJEKTUJUH:	
JOONESTAS:	M. ALNEK
VASTUTAV ISIK:	

OBJEKT:	SOLAR FULL ROOF PÄIKESEKATUS Tallinna tn 62, Viljandi linn, Viljandi maakond
JOONIS:	KATUSEROOVI PLAAN

TOO NUMBER:	XXX	STAADIUM:	Solarstone tehniline projekt		
JOONISE nr:	04	LEHT/LEHTI:	1/1	MASTAAP:	1:50
				24.01.2024	



SOLARSTONE

Declaration of Conformity

Manufacturer: Solarstone OÜ, Reg.no. 12916046
Address: Tallinna 58A, 71018 Viljandi, Estonia
Category: Building Integrated Photovoltaic Module (BIPV)
Product: Solarstone Solar Full Roof

Models:

- Click-On KIT-A, with PSV-panel & Risen RSM-40-8-385MB-405MB, 1754x1096mm, FCS 30x30
- Click-On KIT-A/B/C, with PSV-panel & LONGi LR4-60HPB 345-375M, 1755x1038mm, FCS 35x30
- Click-On KIT-A/B/C, with PSV-panel & JA Solar JAM60S21-355-375, 1769x1052mm, FCS 35x35

Solarstone OÜ herewith confirms that it's BIPV product models are designed to meet with the requirements set out in the European Union Directives and the following EN standards:

- **EN 61730-1:2018 - Photovoltaic (PV) module safety qualification**
 - Risen RSM-40-8-385MB-405MB, FCS 30x30 by TÜV SÜD
 - LONGi LR4-60HPB 345-375M, FCS 35x30 by TÜV SÜD
 - JA Solar JAM60S21-355-375, FCS 35x35 by TÜV SÜD
- **EN 61215-1:2021 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval**
 - Risen RSM-40-8-385MB-405MB, FCS 30x30 by TÜV SÜD
 - LONGi LR4-60HPB 345-375M, FCS 35x30 by TÜV SÜD
 - JA Solar JAM60S21-355-375, FCS 35x35 by TÜV SÜD
- **EN 14437-1:2022 - Determination of the uplift resistance of installed roofing with Click-On**
 - Risen RSM-40-8-385MB-405MB, FCS 30x30 with Click-On KIT-A by TÜV Reinhold
Up to 1600 Pa with 3 clamps, Up to 2400 Pa with 4 clamps
 - LONGi LR4-60HPB 345-375M, FCS 35x30 with Click-On KIT-A/B/C (inhouse)
Up to 1600 Pa with 3 clamps, Up to 2400 Pa with 4 clamps
 - JA Solar JAM60S21-355-375, FCS 35x35 with Click-On KIT-A/B/C (inhouse)
Up to 1600 Pa with 3 clamps, Up to 2400 Pa with 4 clamps
- **EN 13501-5:2016 - Fire classification of construction products and building elements**
 - Risen RSM-40-8-385MB-405MB, FCS 30x30 with Click-On KIT-A
 - Fire performance class: Broof(t2) by Ri.Se
 - Fire performance class: Broof(t1) by TÜV Rheinland
 - LONGi LR4-60HPB 345-375M, FCS 35x30 with Click-On KIT-A/B/C
 - Fire performance class: Broof(t2) by Ri.Se
 - Fire performance class: Broof(t2) (inhouse)
 - JA Solar JAM60S21-355-375, FCS 35x35 with Click-On KIT-A/B/C
 - Fire performance class: Broof(t2) by Ri.Se
 - Fire performance class: Broof(t2) (inhouse)



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Declaration of Conformity

- **EN 1991-1-7:2006 - Snow Load**
 - Risen RSM-40-8-385MB-405MB, FCS 30x30 with Click-On KIT-A (inhouse)
 - Up to 4200 Pa < 30° with 4 clamps
 - Up to 5400 Pa >30° with 4 clamps
 - LONGi LR4-60HPB 345-375M, FCS 35x30 with Click-On KIT-A/B/C (inhouse)
 - Up to 4200 Pa < 30° with 4 clamps
 - Up to 5400 Pa >30° with 4 clamps
 - JA Solar JAM60S21-355-375, FCS 35x35 with Click-On KIT-A/B/C (inhouse)
 - Up to 4200 Pa < 30° with 4 clamps
 - Up to 5400 Pa >30° with 4 clamps
- **EN-AW:6060 - Aluminum Alloy Extrusion**
 - Solarstone Click-On Aluminum profile FCS 30x30
 - Solarstone Click-On Aluminum profile FCS 35x30
 - Solarstone Click-On Aluminum profile FCS 35x35
- **GSB - Aluminum Alloy Coating**
 - Solarstone Click-On Aluminum profile FCS 30x30
 - Solarstone Click-On Aluminum profile FCS 35x30
 - Solarstone Click-On Aluminum profile FCS 35x35

Responsible for making this declaration is the manufacturer and/or its authorized representative within the European Union.

Mattis Jürimäe

Solarstone OÜ, Chief Innovation Officer
22.02.2023, Viljandi, Estonia

Henri Lass

Solarstone OÜ, Product Manager



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