

## **Arne's Johanna-style master sailplans**

Comment to version 20170513 of master sailplans.

These plans are the same as the original from 2014. I have just added a bit more info on it, like the "5%-dots" on the boom and 50 plus 55% dots at the yard.

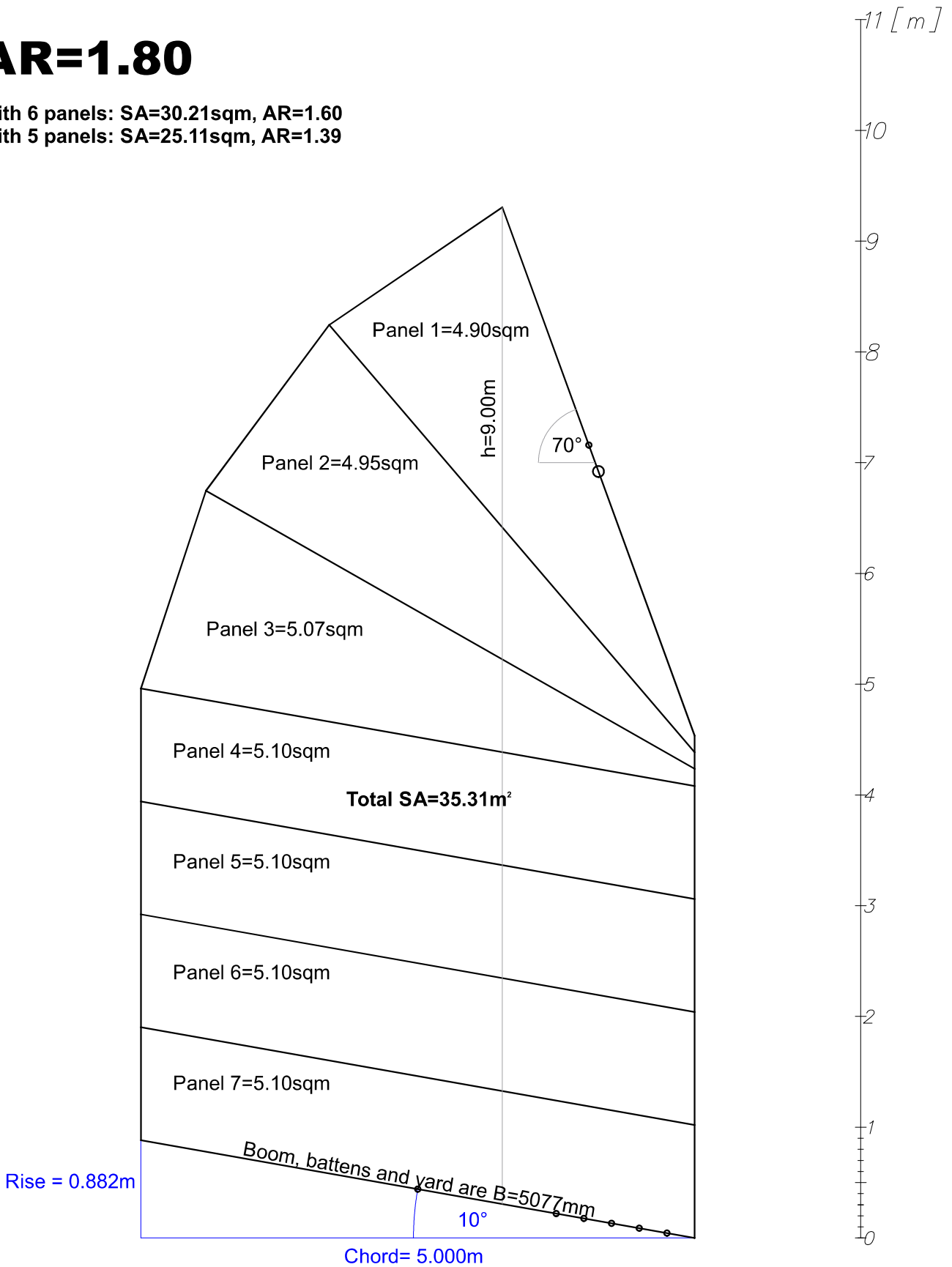
In addition I have shown, in the upper left corner of the *Sheet 1* how the sail would be if one add or subtract a panel or two.

Stavanger, 13.5.2017

*Arne Kverneland*

# AR=1.80

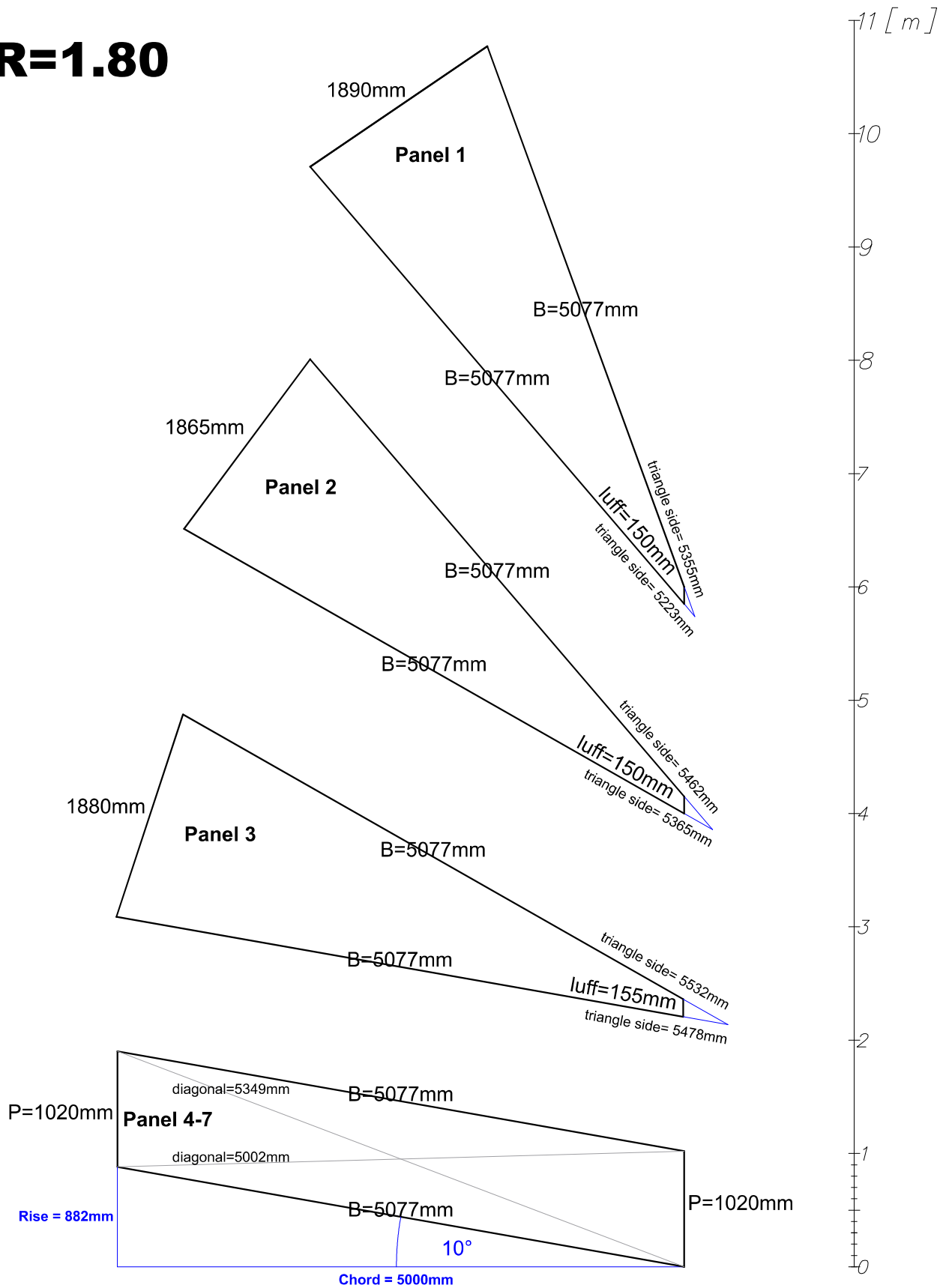
With 6 panels: SA=30.21sqm, AR=1.60  
With 5 panels: SA=25.11sqm, AR=1.39



Master sail, AR=1.80, h=9.0m  
SA=35.31sqm

Sheet 1  
10.2.2014, Arne Kverneland

**AR=1.80**



Master sail, AR=1.80, h=9.0m

SA=35.31sqm

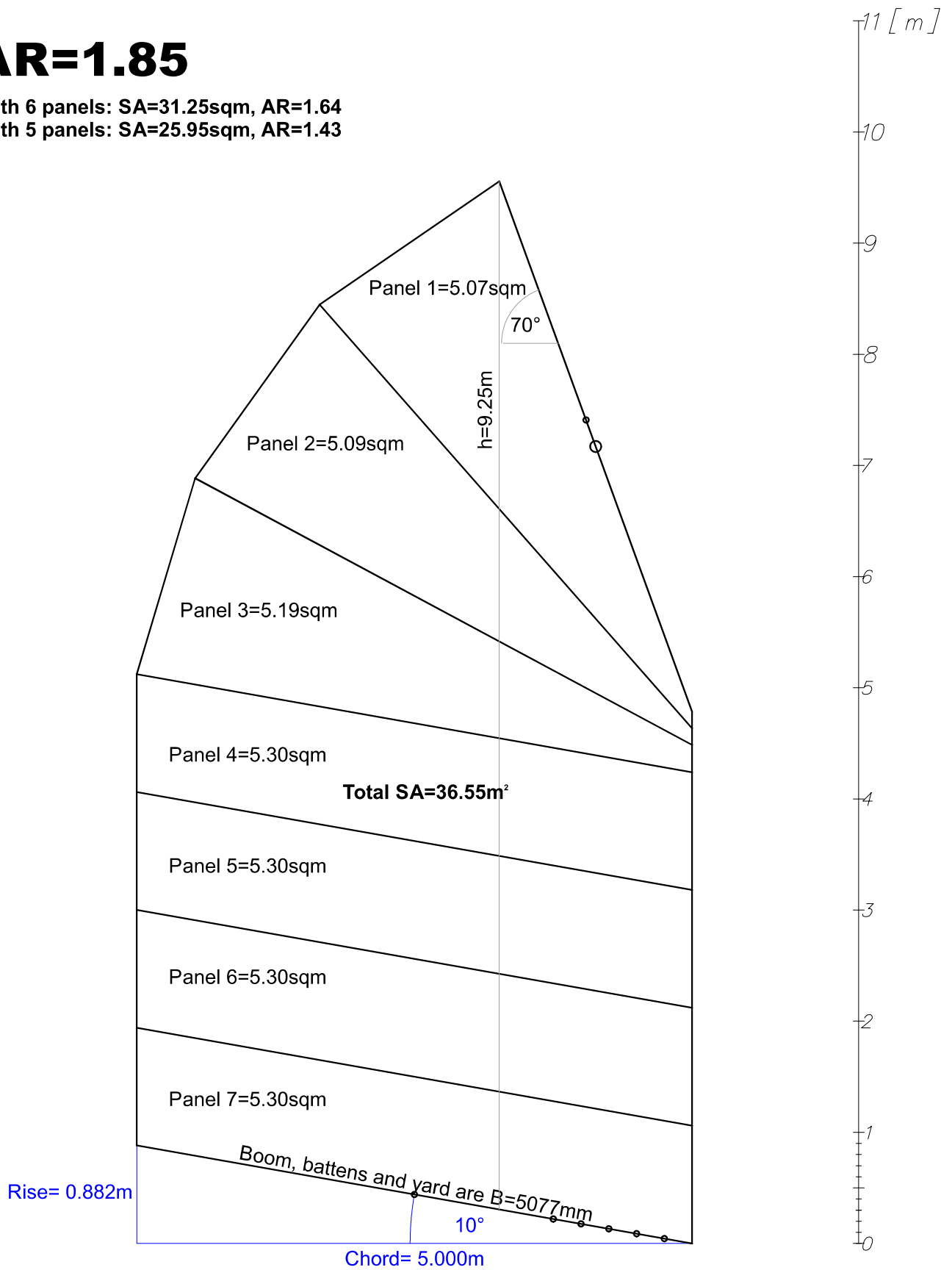
Sheet 2

10.2.2014, Arne Kverneland

# AR=1.85

With 6 panels: SA=31.25sqm, AR=1.64

With 5 panels: SA=25.95sqm, AR=1.43

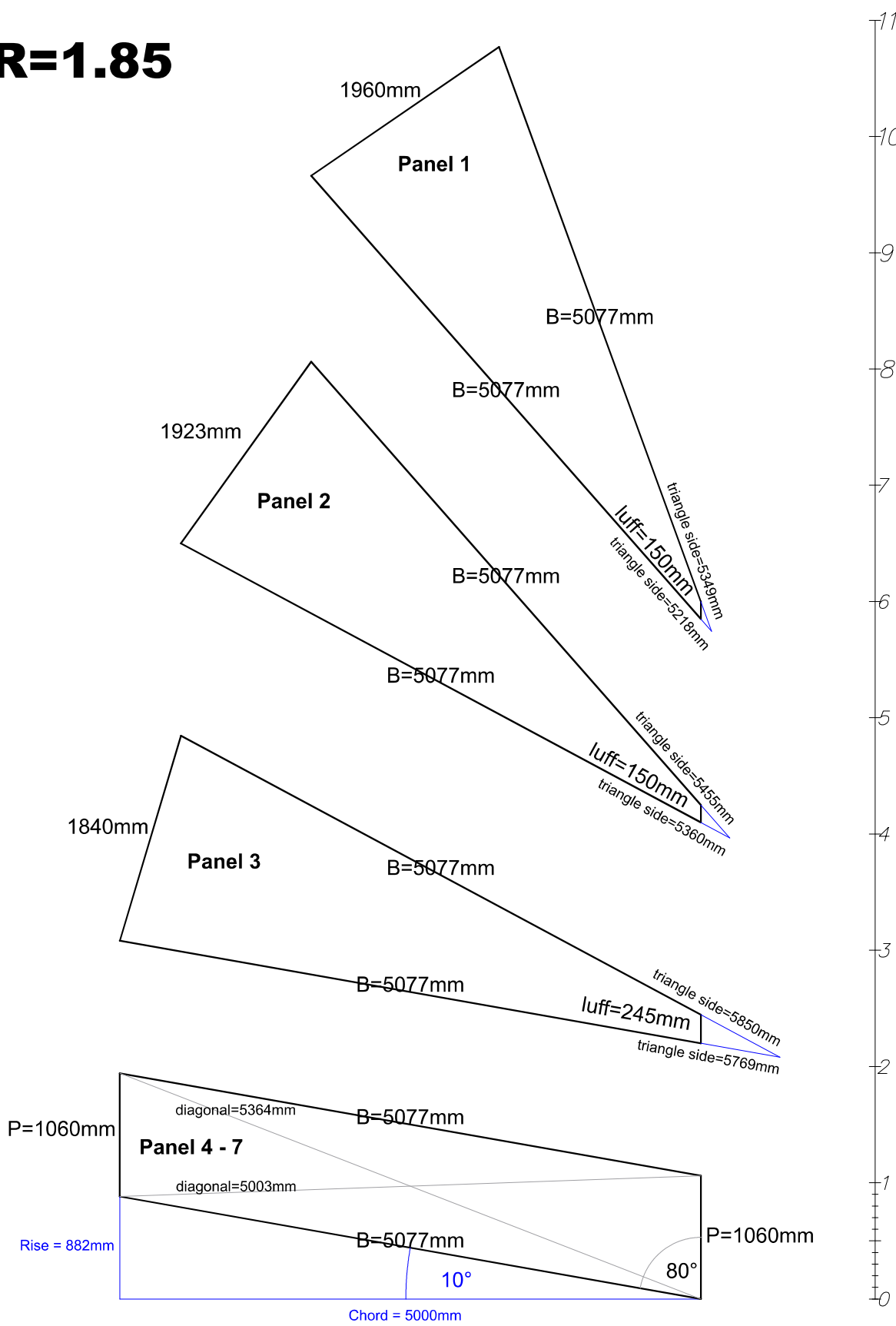


Master sail, AR=1.85, h=9.25m  
SA=36.55sqm

Sheet 1

10.2.2014, Arne Kverneland

**AR=1.85**



Master sail, AR=1.85, h=9.25m  
SA=36.55sqm

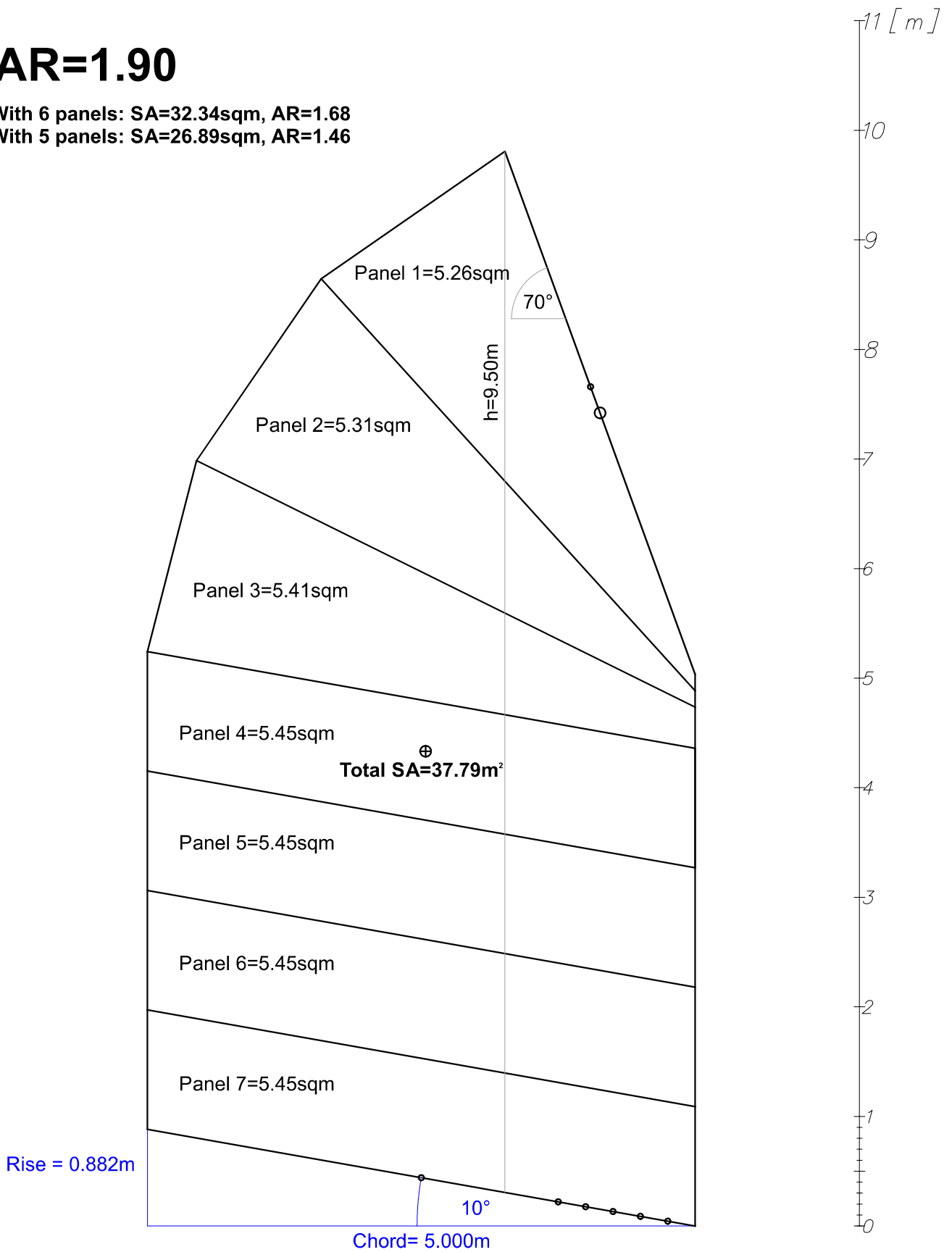
Sheet 2

10.2.2014, Arne Kverneland

# AR=1.90

With 6 panels: SA=32.34sqm, AR=1.68

With 5 panels: SA=26.89sqm, AR=1.46

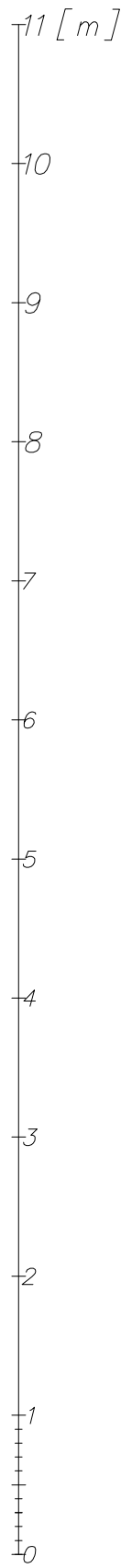
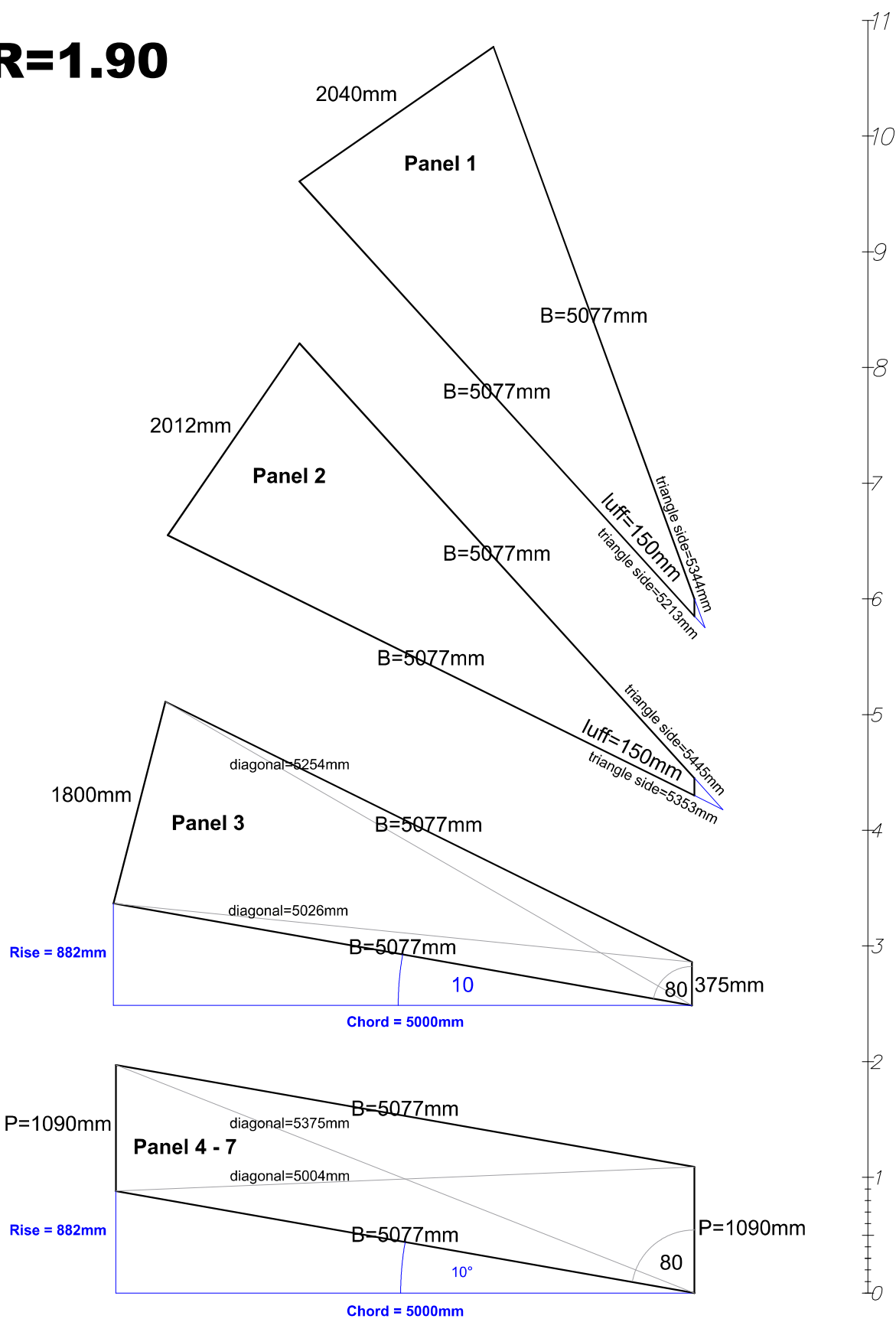


Master sail, AR=1.90, h=9.50m  
SA=37.79sqm

Sheet 1

10.2.2014, Arne Kverneland

**AR=1.90**



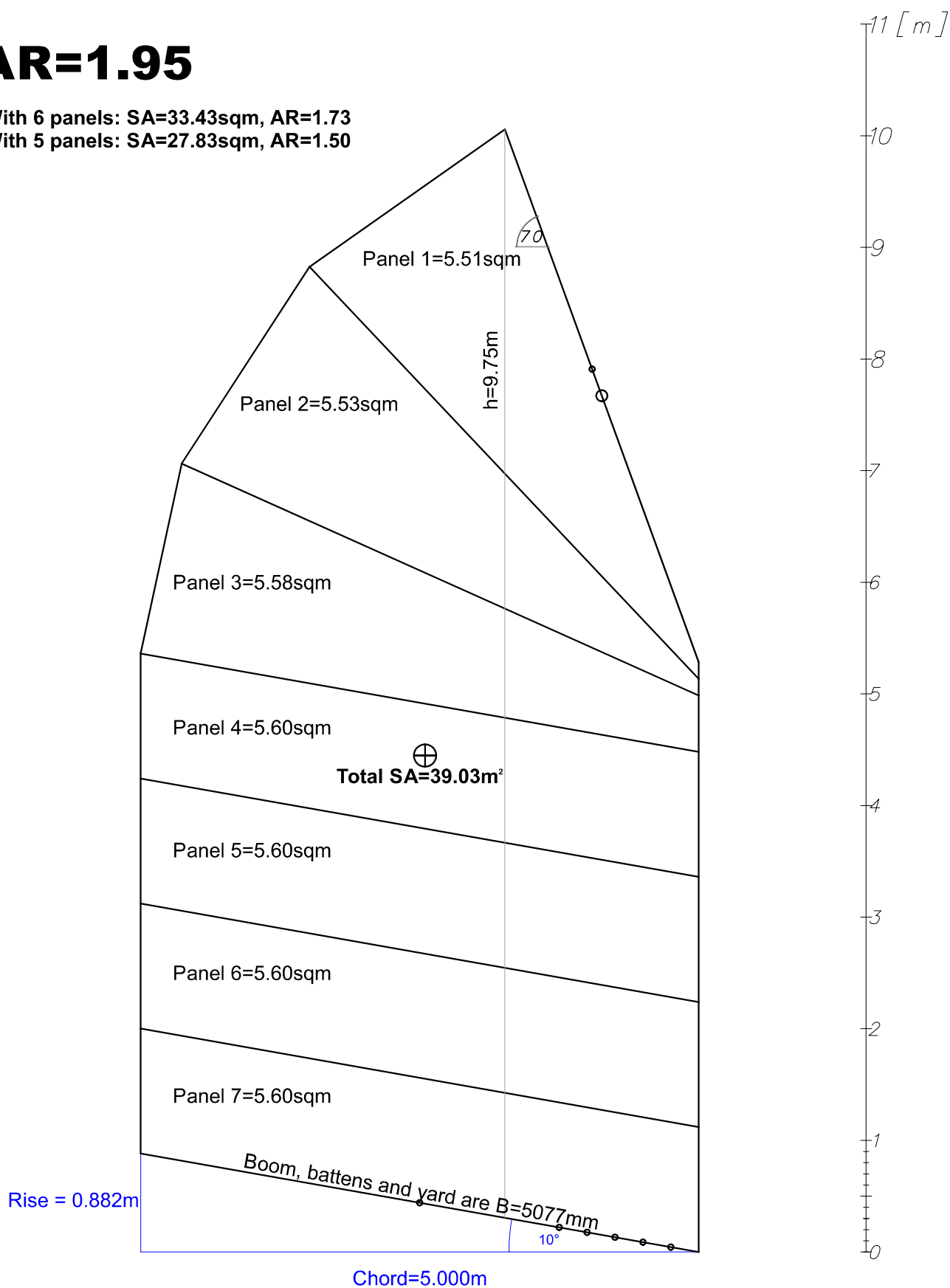
Master sail, AR=1.90, h=9.50m  
SA=37.79sqm

Sheet 2  
10.2.2014, Arne Kverneland

# AR=1.95

With 6 panels: SA=33.43sqm, AR=1.73

With 5 panels: SA=27.83sqm, AR=1.50



Master sail, AR=1.95, h=9.75m  
SA=39.03sqm

Sheet 1

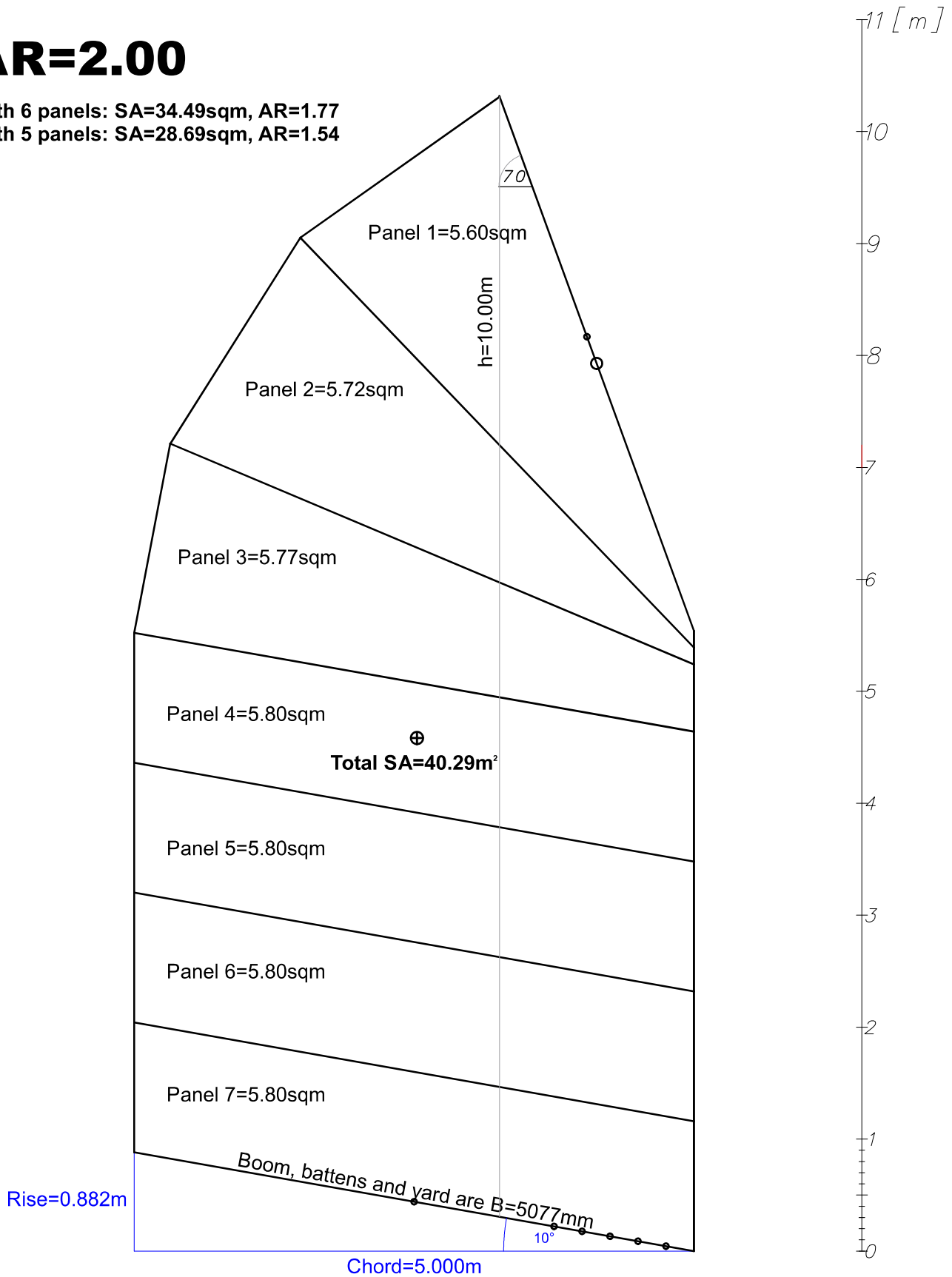
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# AR=2.00

With 6 panels: SA=34.49sqm, AR=1.77  
With 5 panels: SA=28.69sqm, AR=1.54



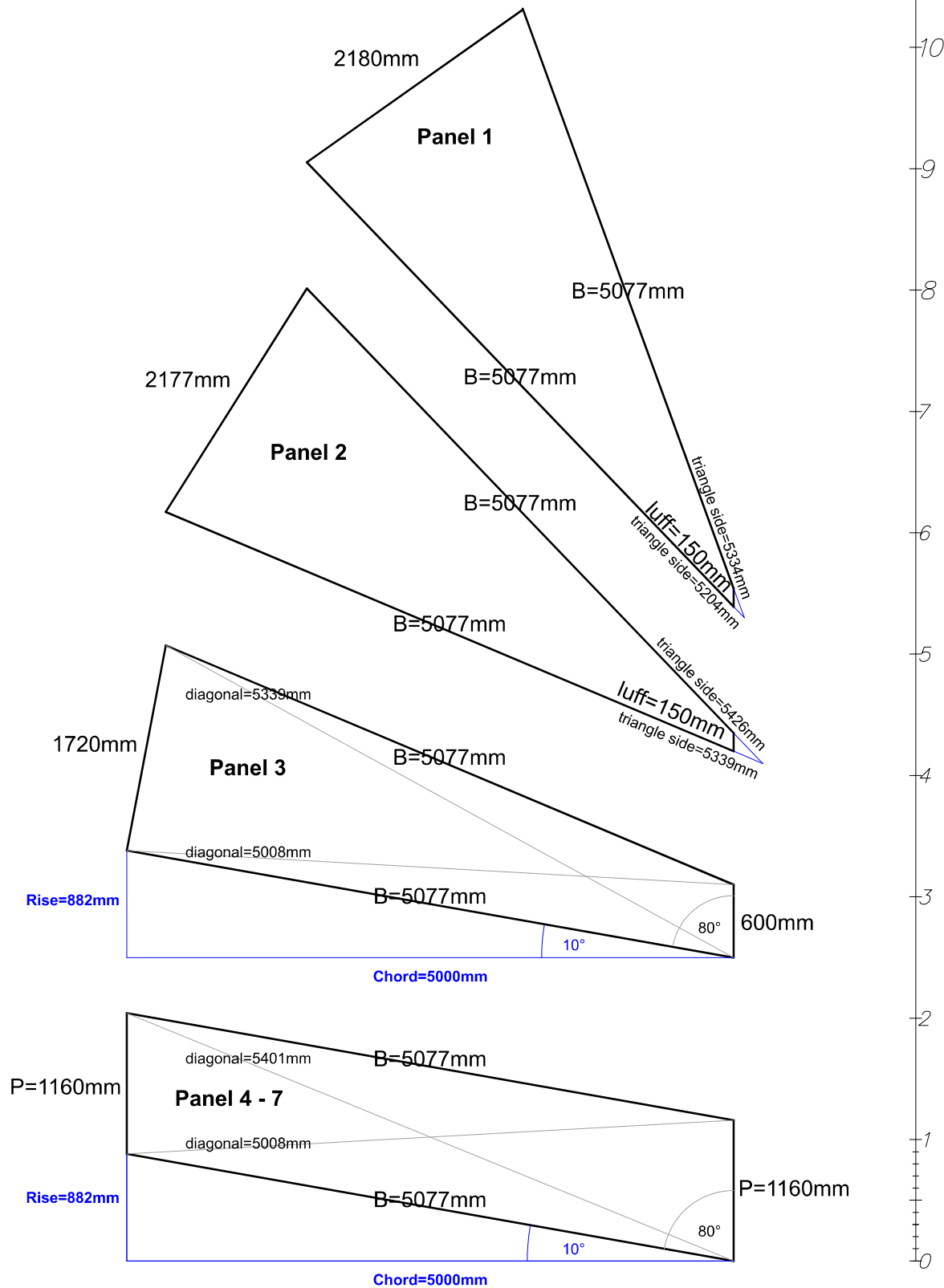
Master sail, AR=2.00, h= 10.00m  
SA=40.29sqm

Sheet 1

10.2.2014, Arne Kverneland

# AR=2.00

11 [ m ]



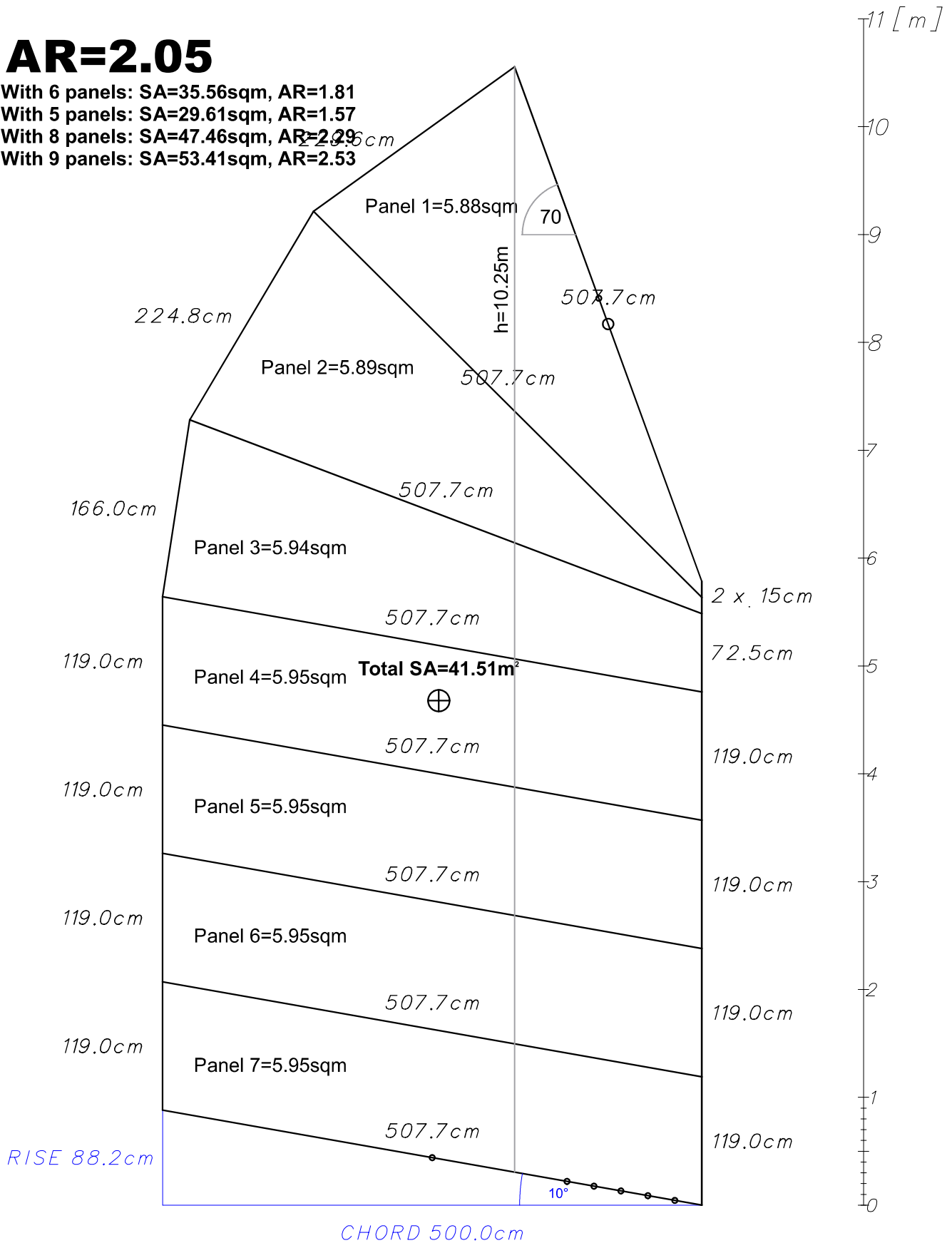
Master sail, AR=2.00, h= 10.00m  
SA=40.29sqm

Sheet 2

10.2.2014, Arne Kverneland

# AR=2.05

With 6 panels: SA=35.56sqm, AR=1.81  
With 5 panels: SA=29.61sqm, AR=1.57  
With 8 panels: SA=47.46sqm, AR=2.29  
With 9 panels: SA=53.41sqm, AR=2.53

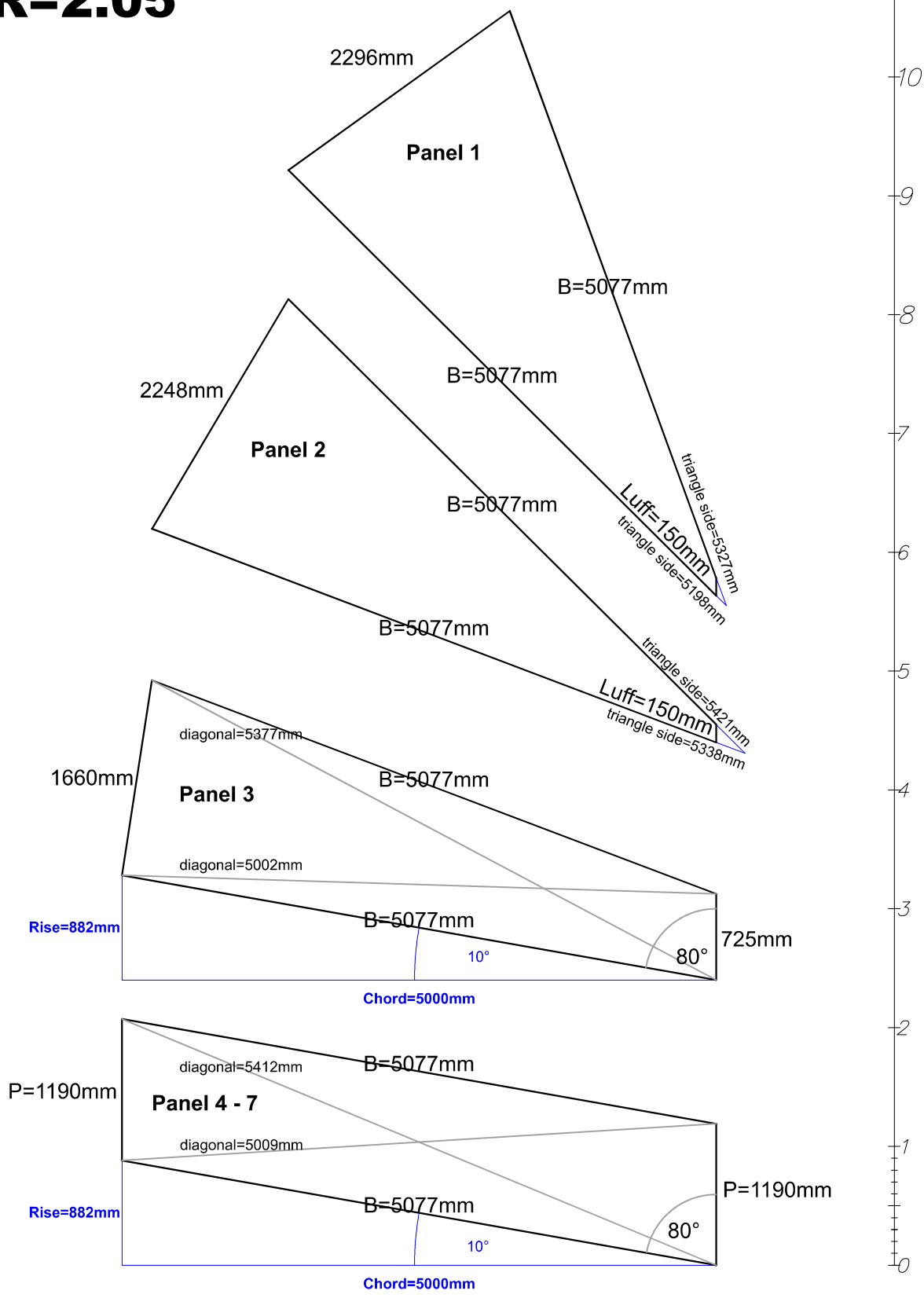


Master sail, AR=2.05, h=10.25  
SA=41.51sqm

Sheet 1  
10.2.2014, Arne Kverneland

# AR=2.05

11 [ m ]



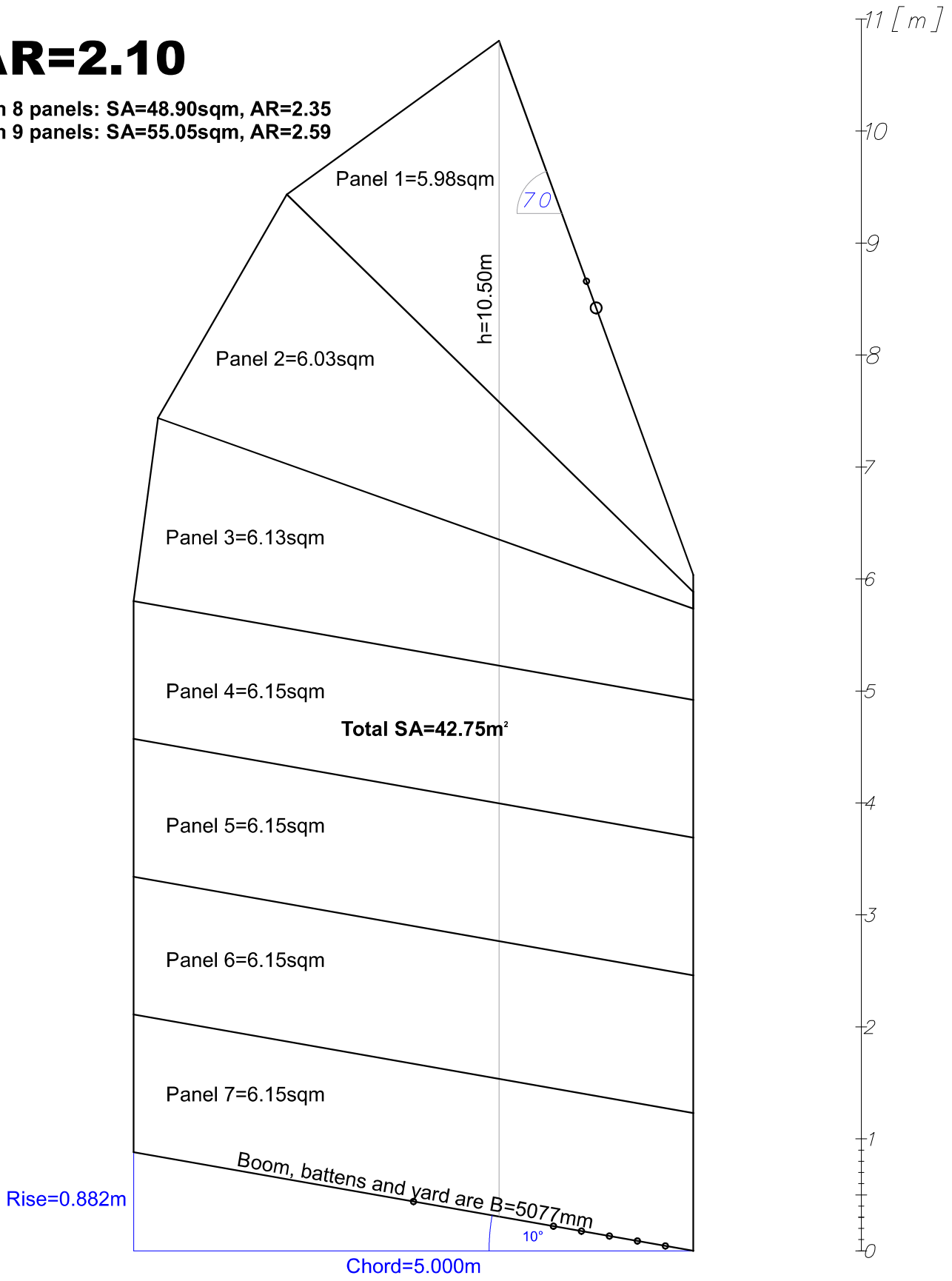
Master sail, AR=2.05, h=10.25  
SA=41.51sqm

Sheet 2  
10.2.2014, Arne Kverneland

# AR=2.10

With 8 panels: SA=48.90sqm, AR=2.35

With 9 panels: SA=55.05sqm, AR=2.59



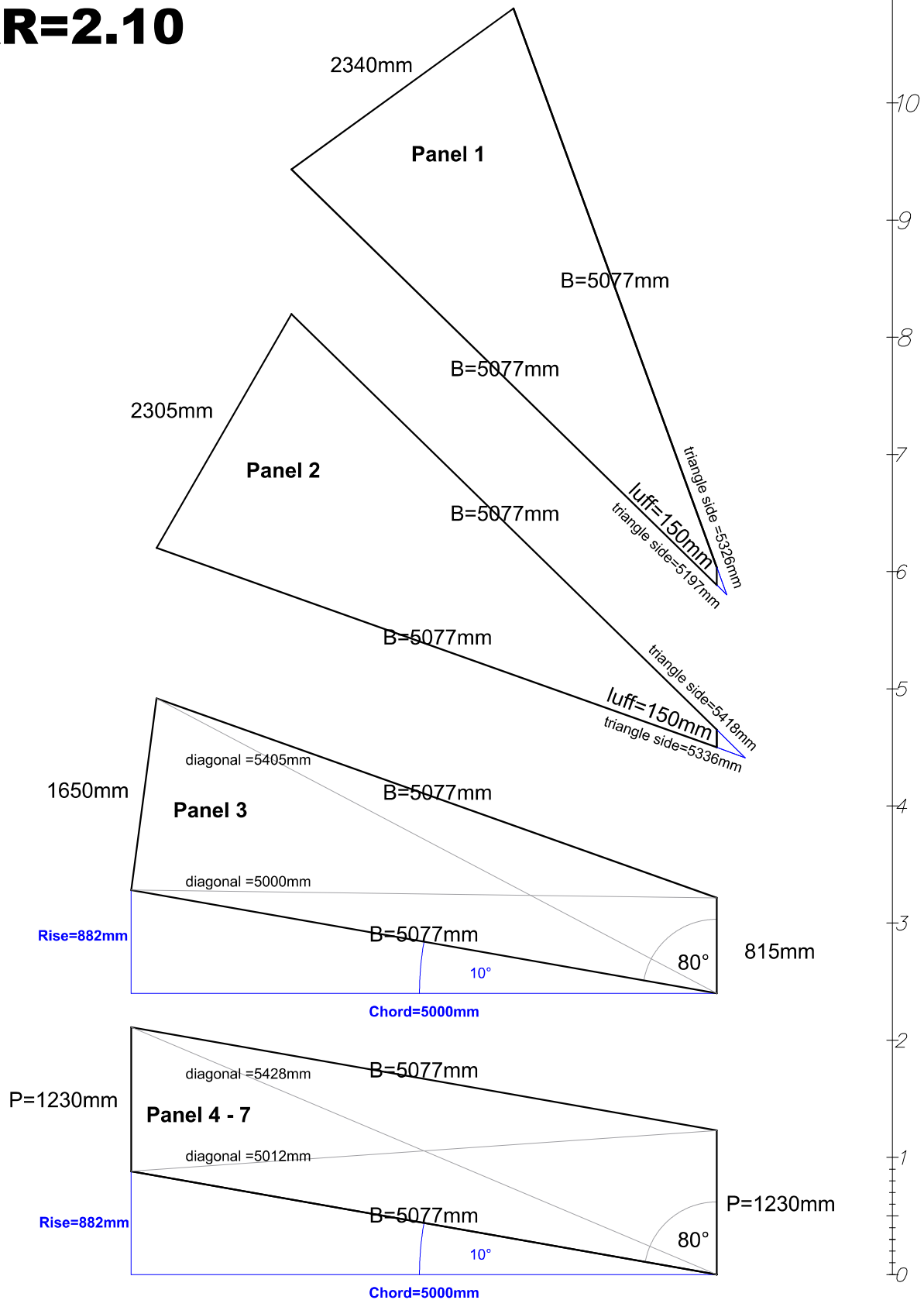
Master sail, AR=2.10, h=10.5m  
SA=42.75sqm

Sheet 1

27.02.2014, Arne Kverneland

# AR=2.10

11 [m]



Master sail, AR=2.10, h=10.5m  
SA=42.75sqm

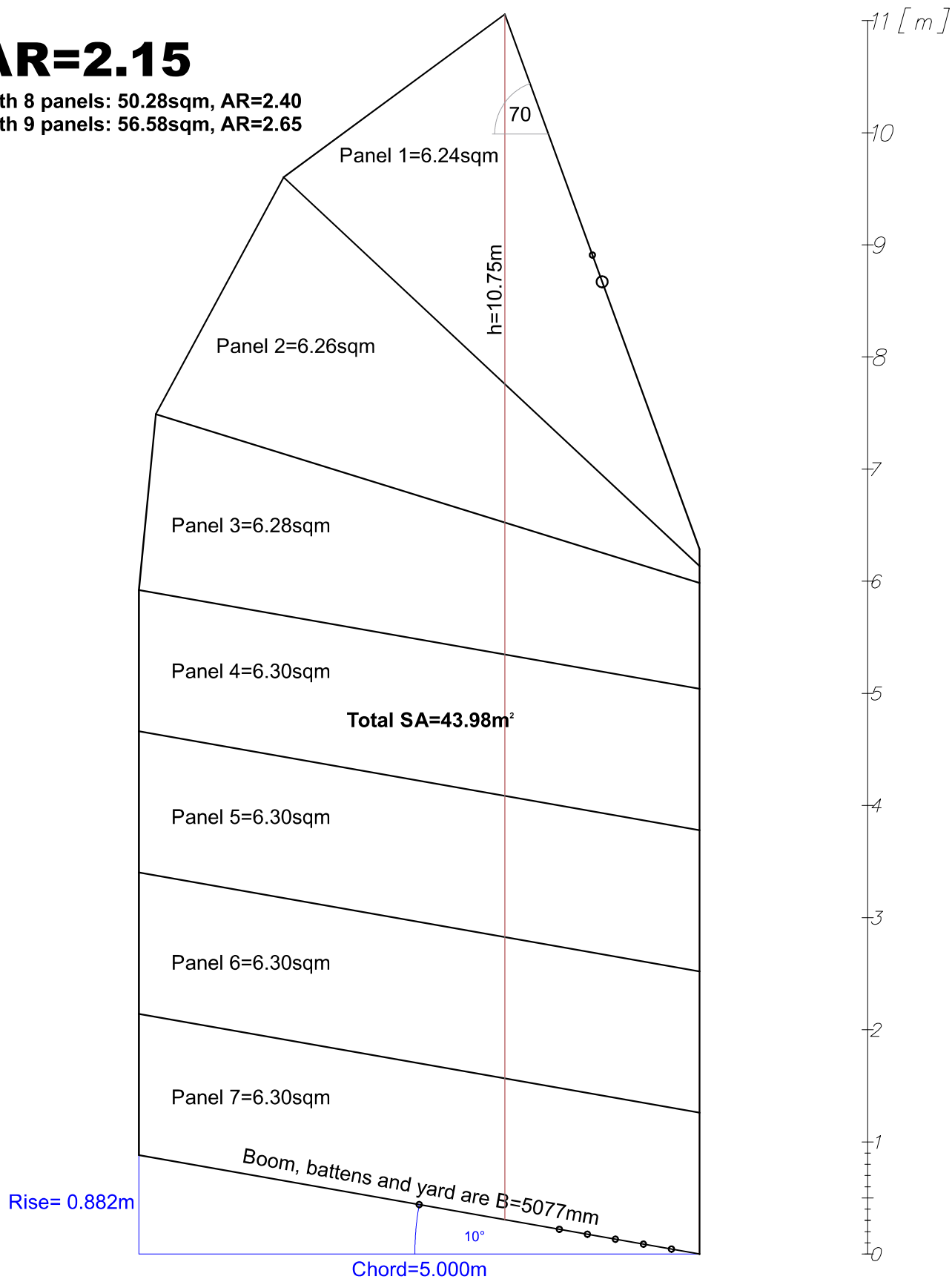
Sheet 2

27.02.2014, Arne Kverneland

# AR=2.15

With 8 panels: 50.28sqm, AR=2.40

With 9 panels: 56.58sqm, AR=2.65



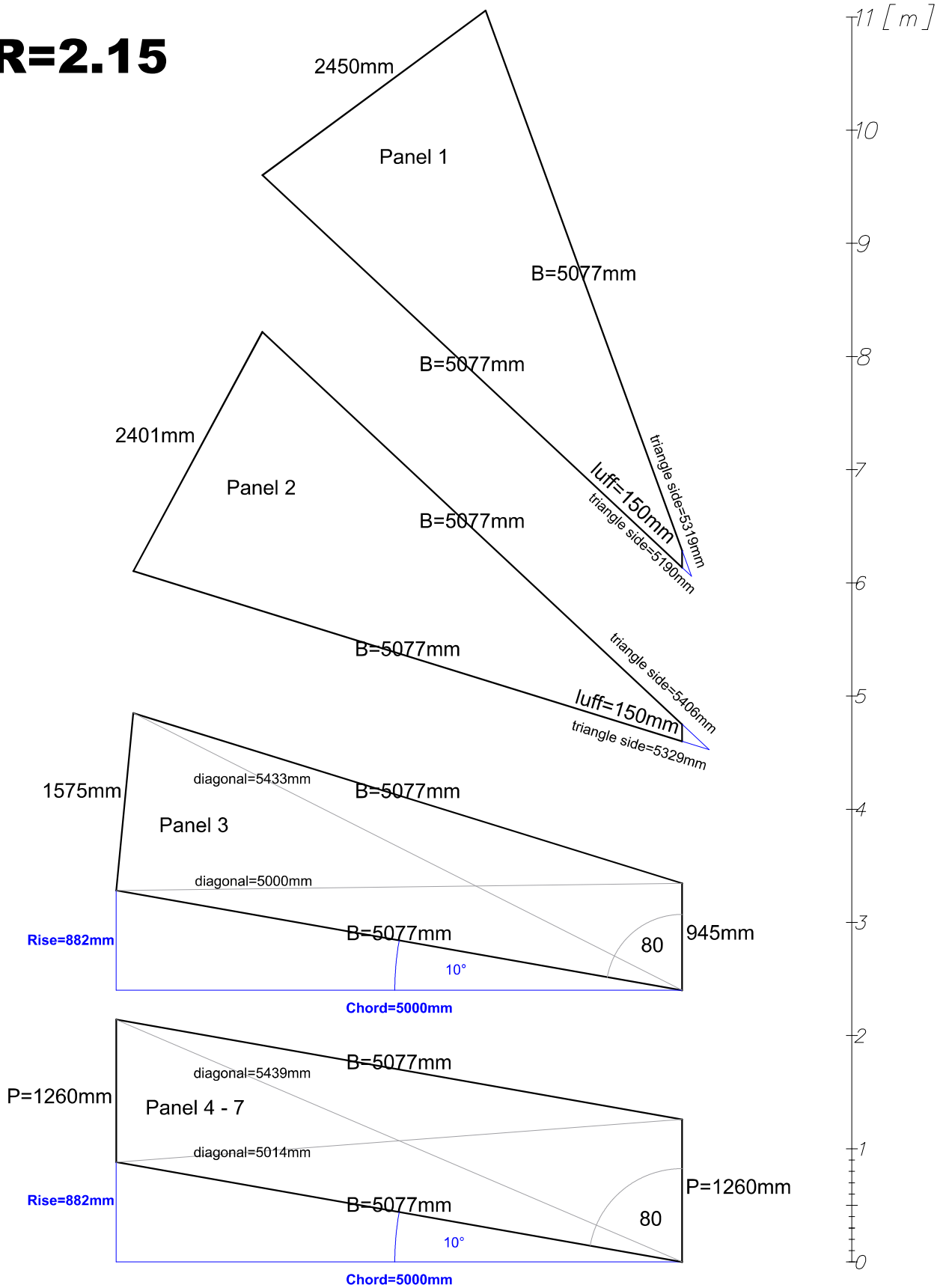
Master sail, AR=2.15, h =9.75m  
SA=43.98sqm

Sheet 1

10.2.2014, Arne Kverneland



# AR=2.15



Master sail, AR=2.15, h =9.75m  
SA=43.98sqm

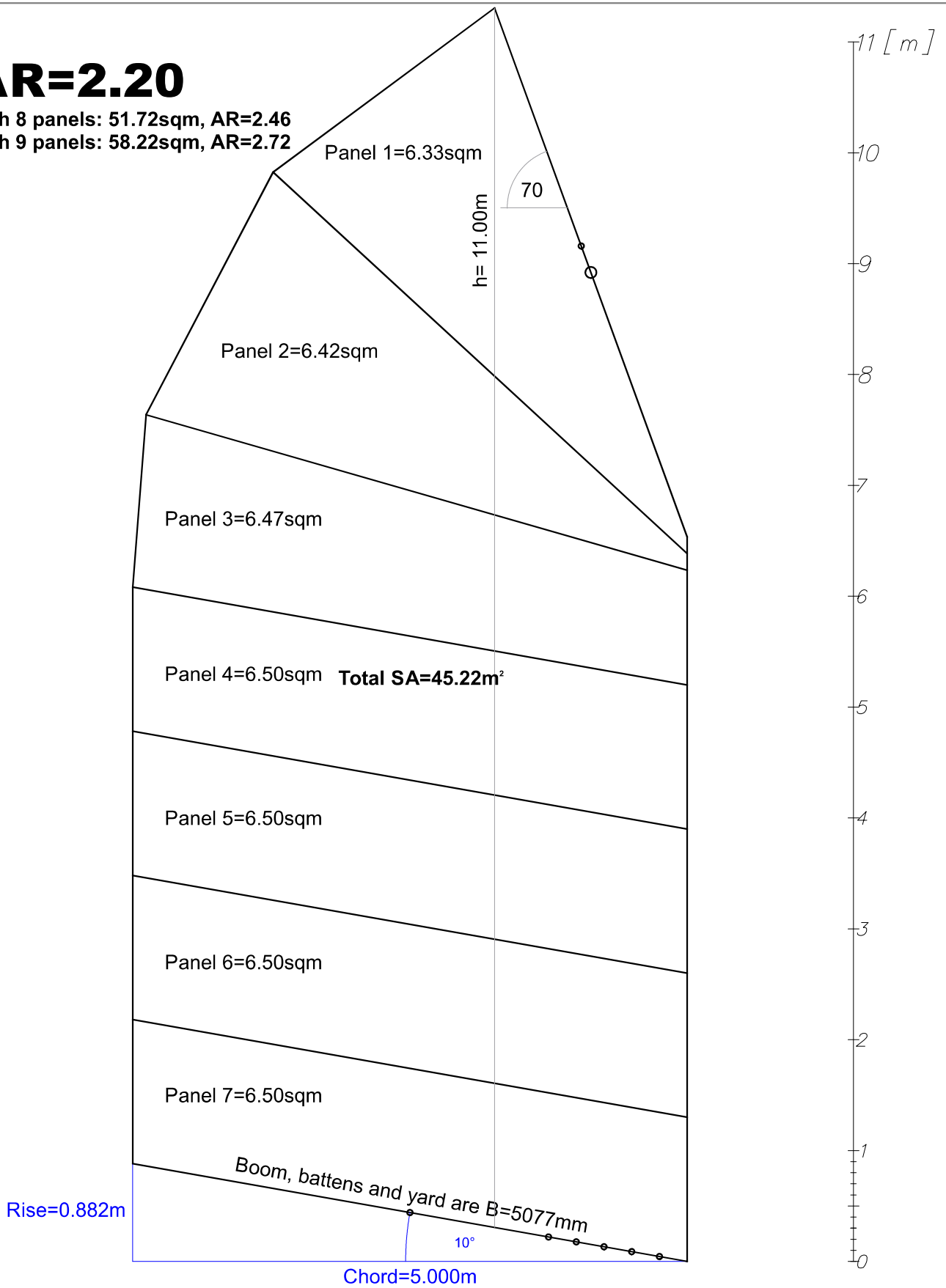
Sheet 2

10.2.2014, Arne Kverneland

# AR=2.20

With 8 panels: 51.72sqm, AR=2.46

With 9 panels: 58.22sqm, AR=2.72



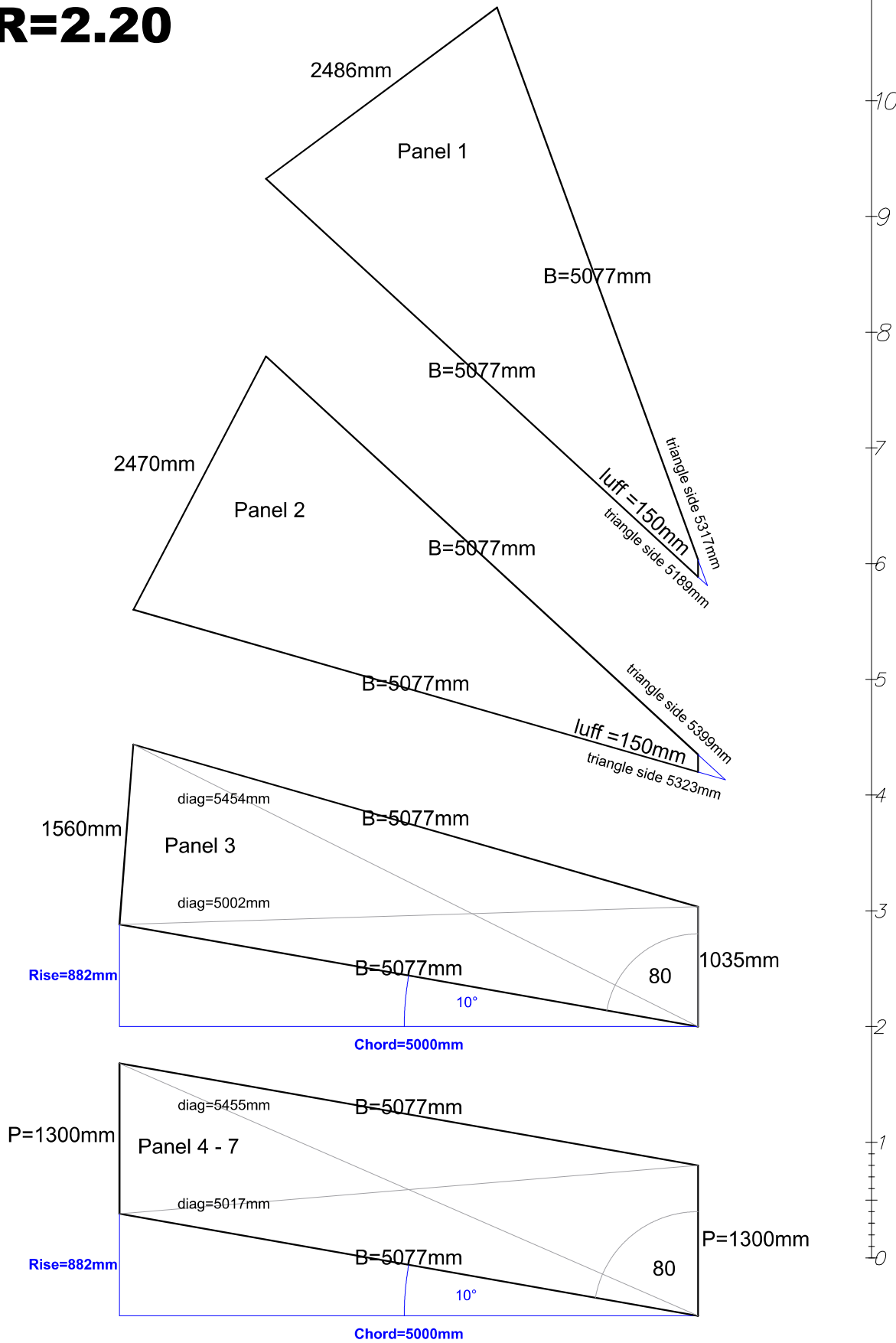
Master sail, AR=2.20, h=11.00m  
SA=45.22sqm

Sheet 1

10.2.2014, Arne Kverneland

# AR=2.20

11 [m]



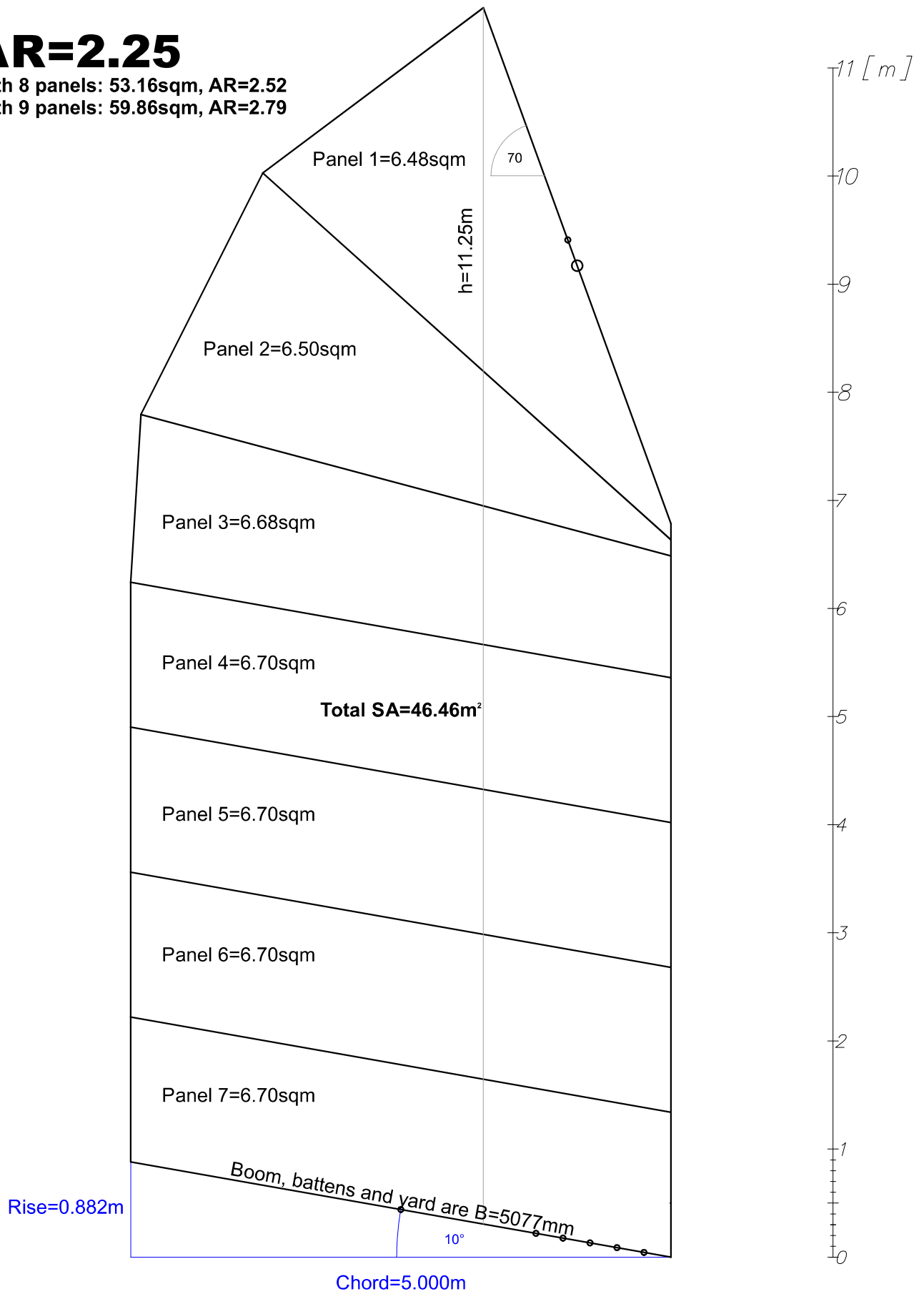
Master sail, AR=2.20, h=11.00m  
SA=45.22sqm

Sheet 2  
10.2.2014, Arne Kverneland

# AR=2.25

With 8 panels: 53.16sqm, AR=2.52

With 9 panels: 59.86sqm, AR=2.79

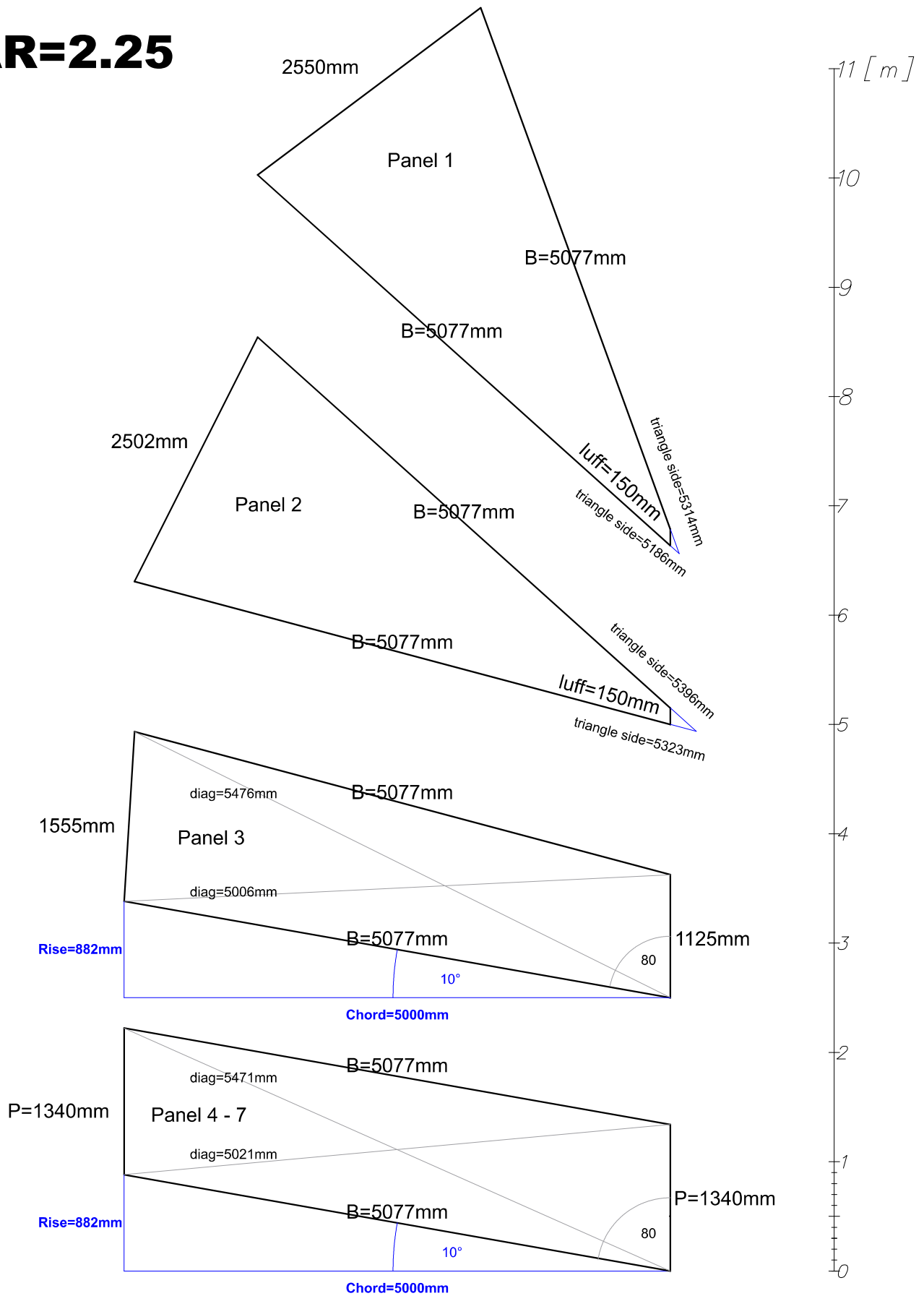


Master sail, AR=2.25, h=11.25m  
SA=46.46sqm

Sheet 1

10.2.2014, Arne Kverneland

**AR=2.25**



Master sail, AR=2.25, h=11.25m  
SA=46.46sqm

Sheet 2

10.2.2014, Arne Kverneland