



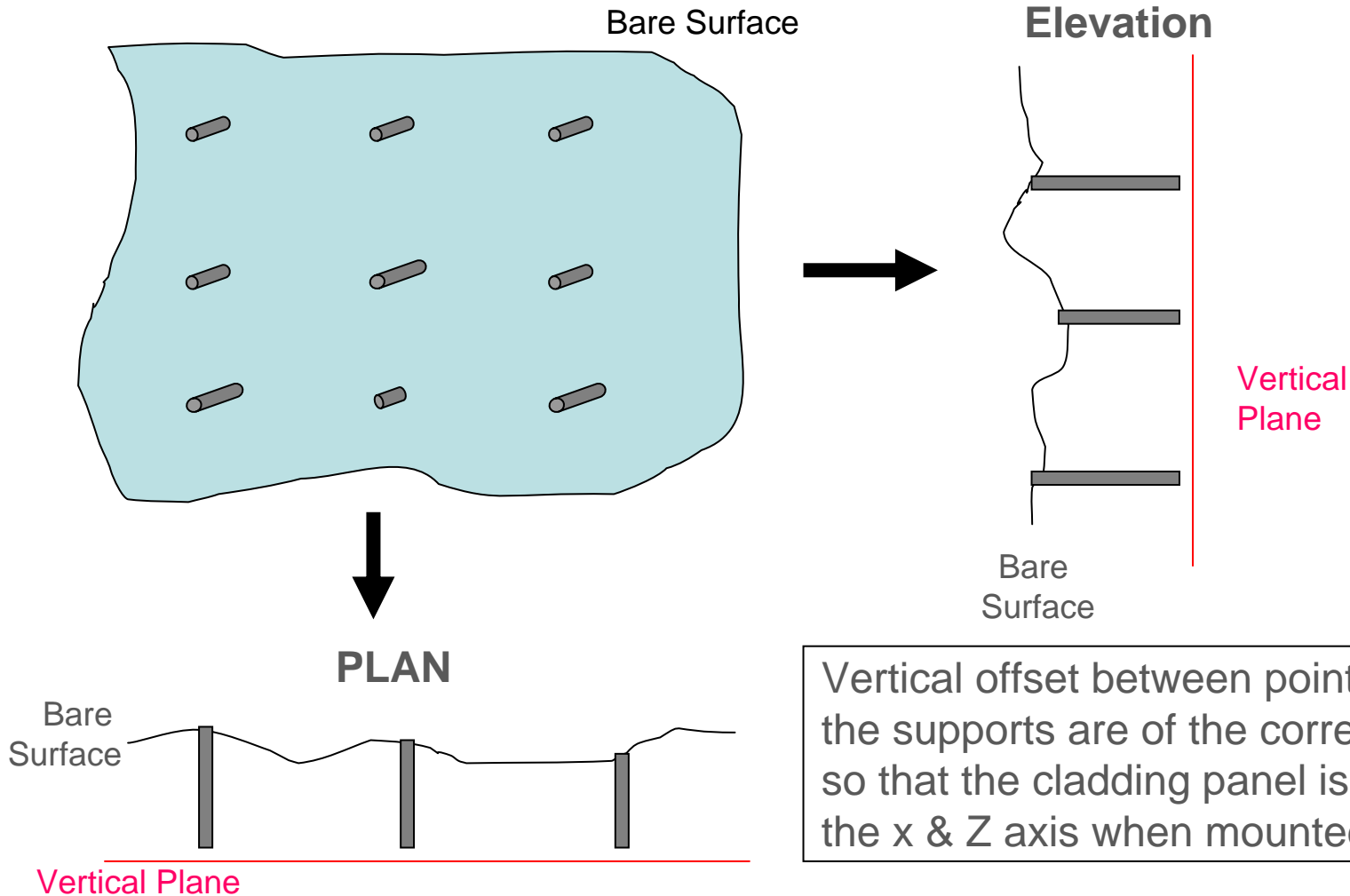
Leica 3D Disto Wall Cladding

- when it has to be **right**

Leica
Geosystems

Wall Cladding Panels

Application Checking Verticality



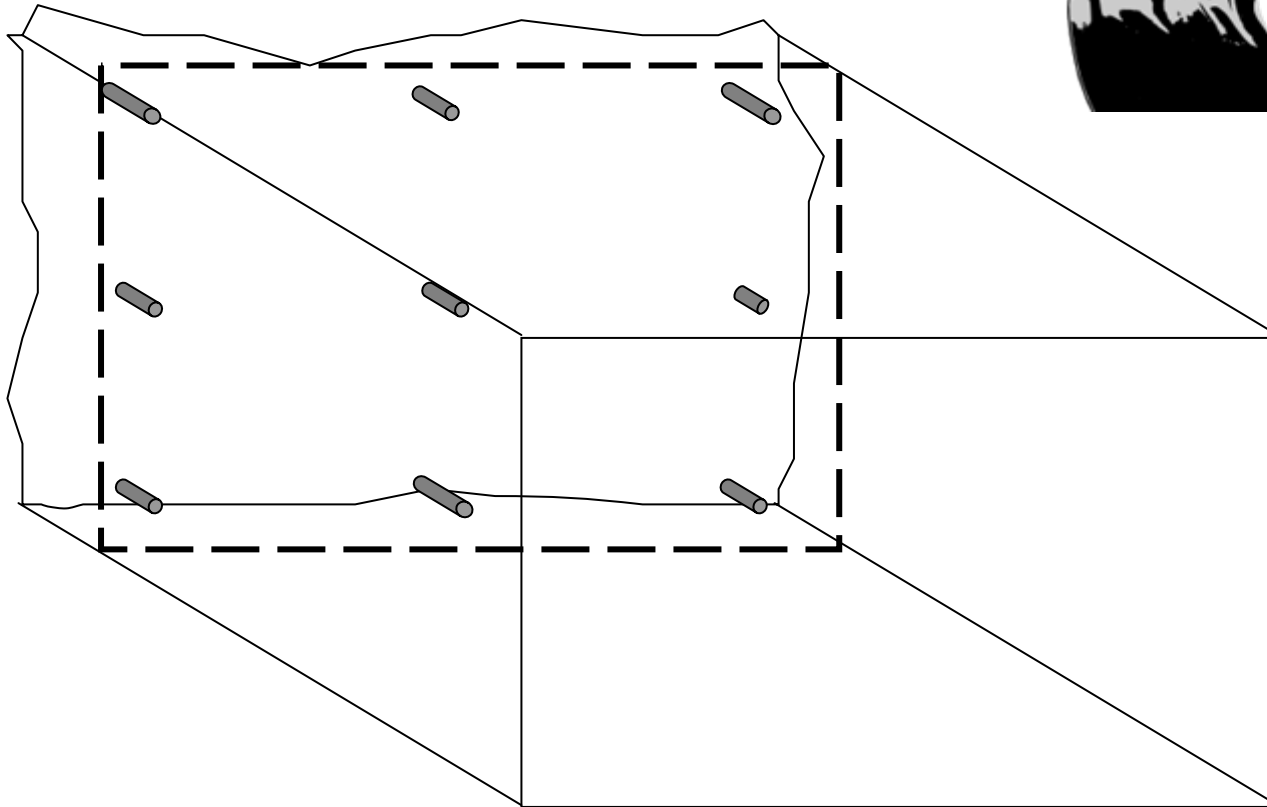
Vertical offset between points ensure the supports are of the correct length so that the cladding panel is vertical in the x & Z axis when mounted

- when it has to be **right**

Wall Cladding Panels

Application Checking Verticality

A using Room Measurement („Room Scan“ application)



- when it has to be **right**

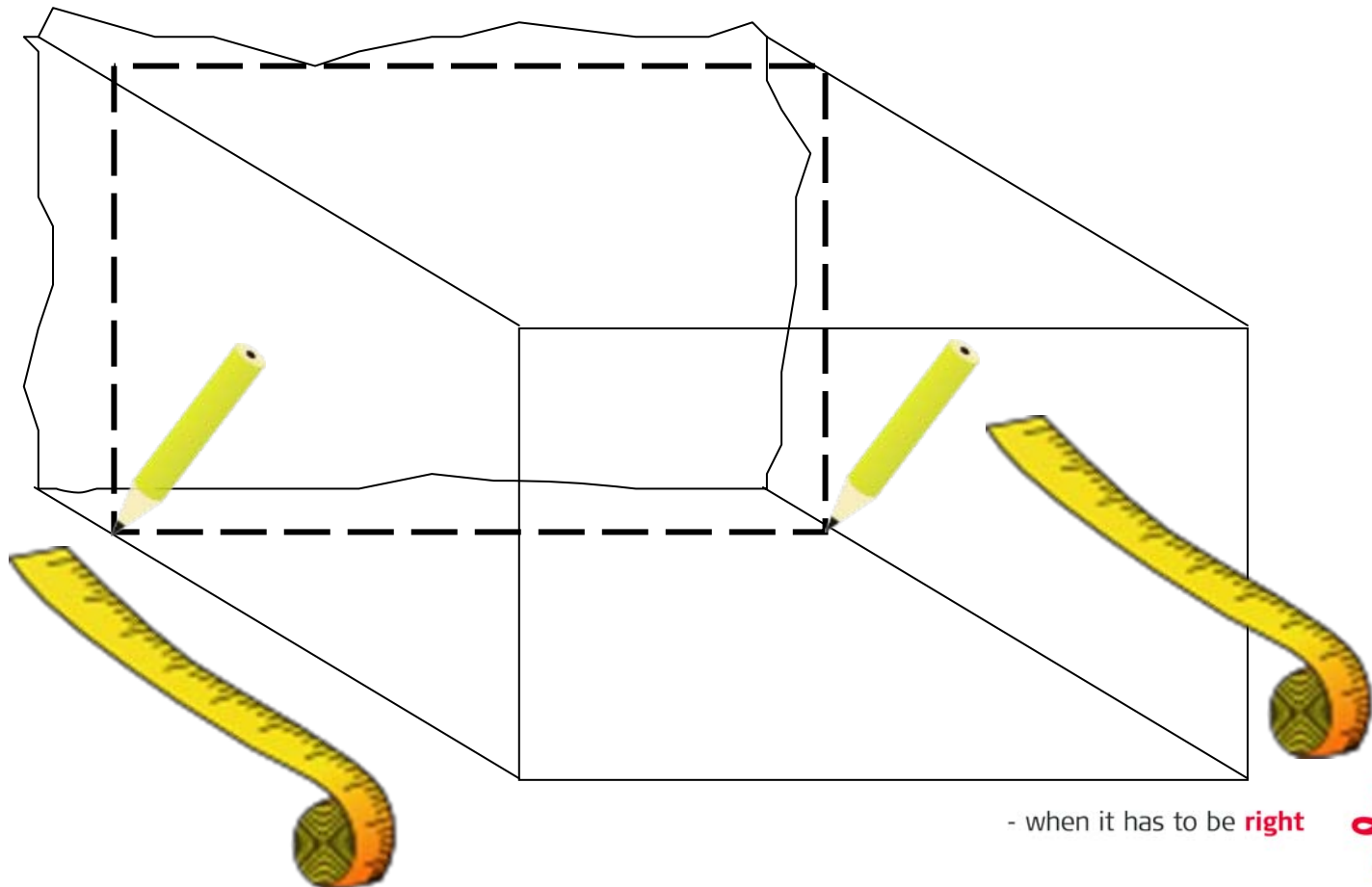
Wall Cladding Panels

Application Checking Verticality

A

using Room Measurement („Room Scan“ application)

- mark the position of the designed wall



- when it has to be **right**

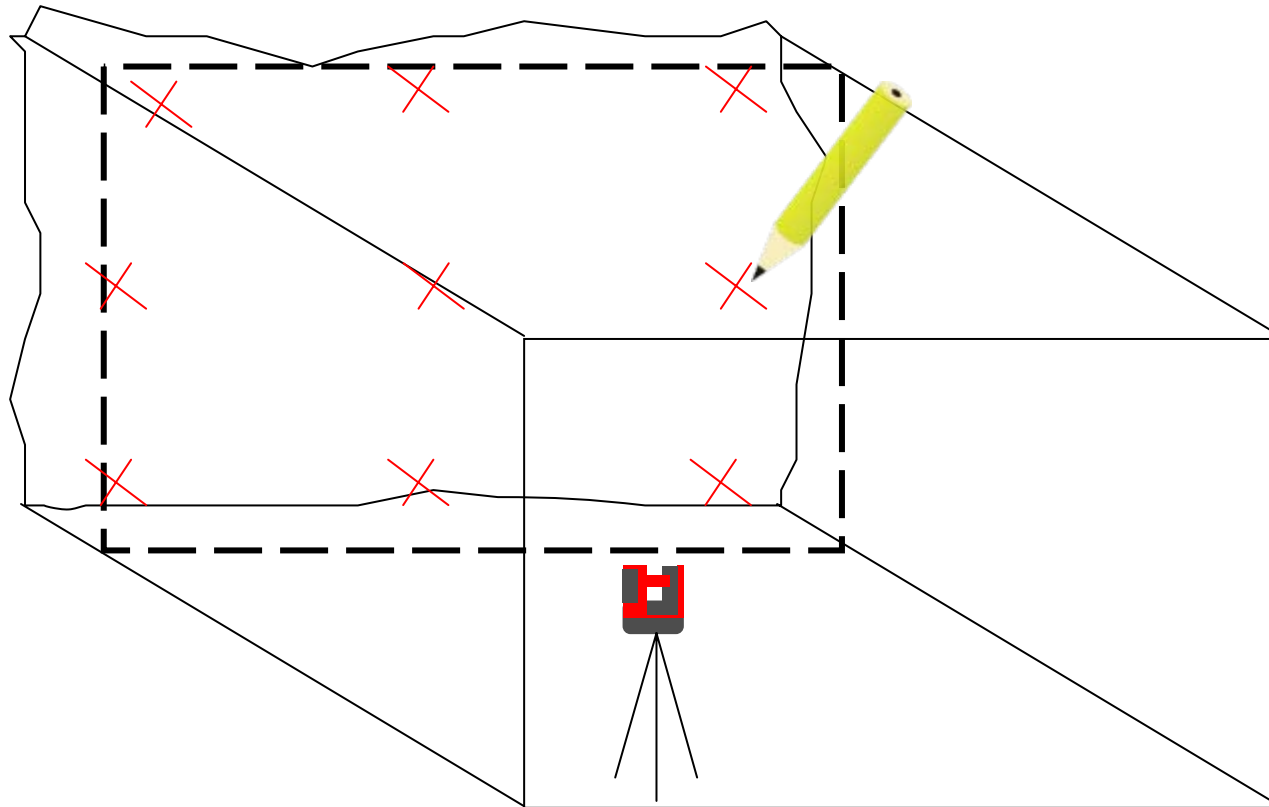
Wall Cladding Panels

Application Checking Verticality

A

using Room Measurement („Room Scan“ application)

- mark the position of the fixation



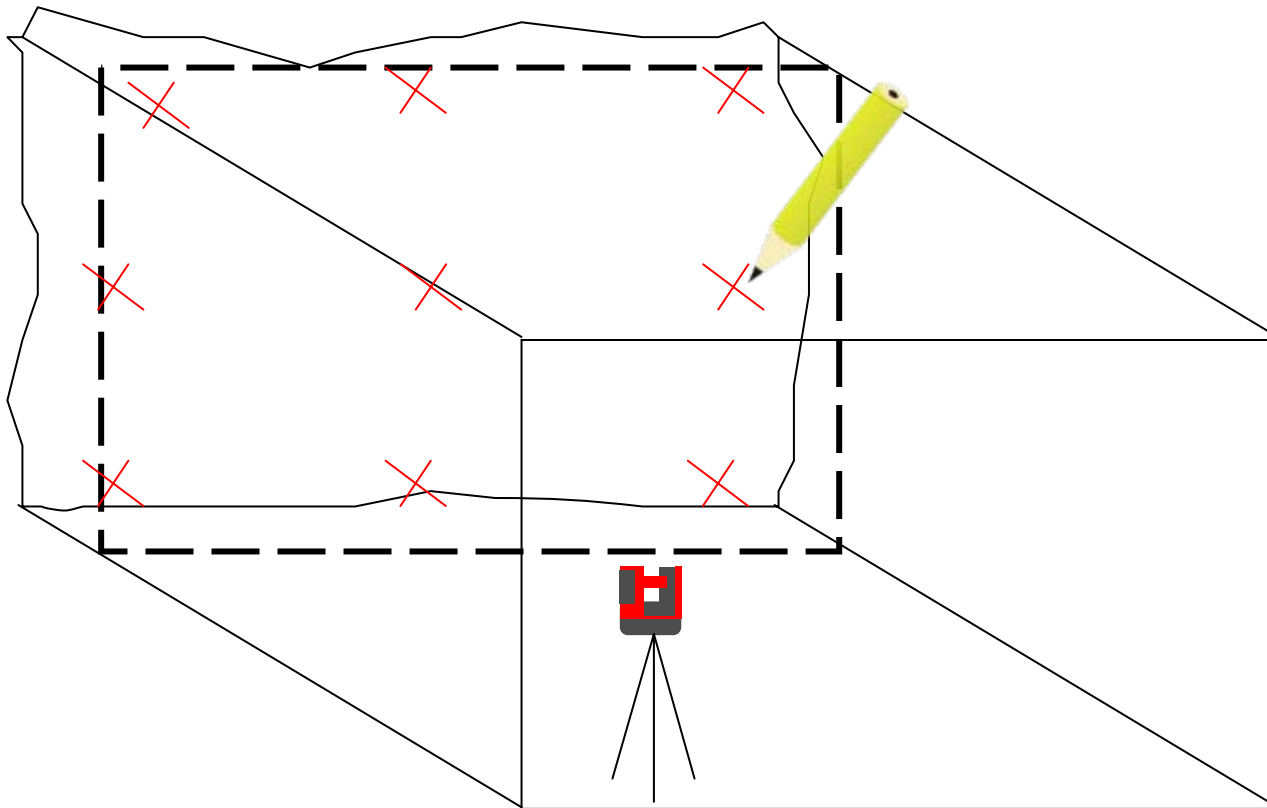
- when it has to be **right**

Wall Cladding Panels

Application Checking Verticality

A using Room Measurement („Room Scan“ application)

- start Room Measurement
- measure a height reference, then measure P1 left, P2 right



- when it has to be **right**

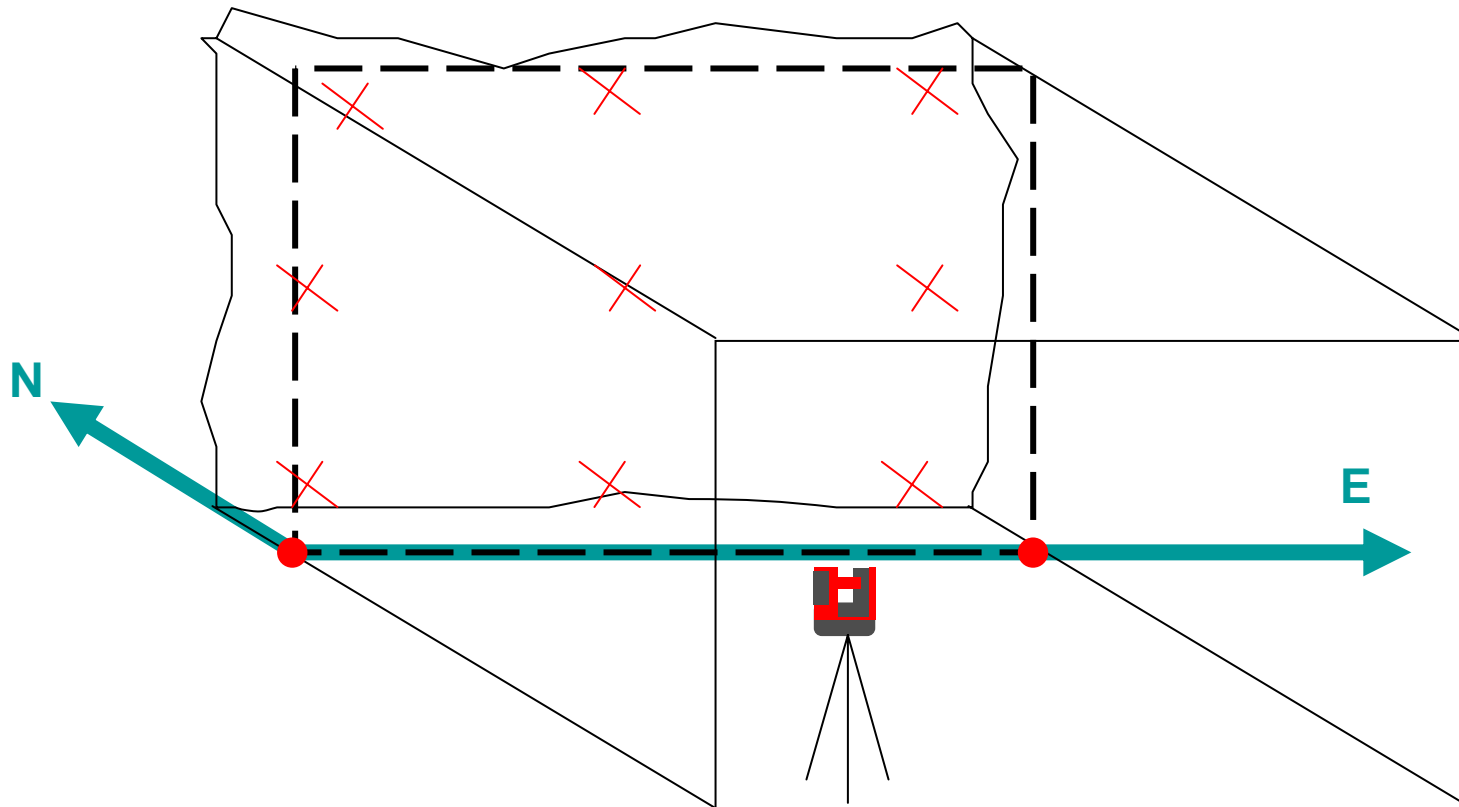
Wall Cladding Panels

Application Checking Verticality

A

using Room Measurement („Room Scan“ application)

- now the coordinate system is fixed at the position of the wall



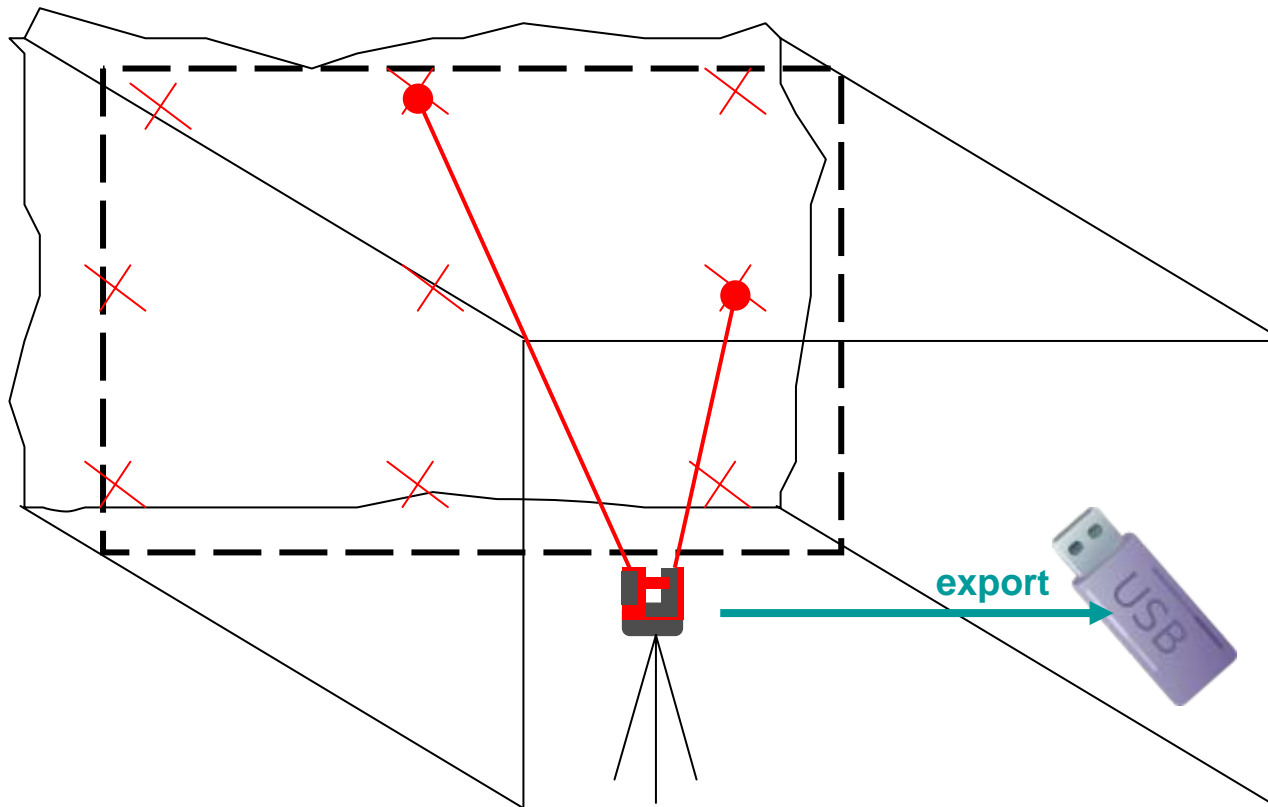
- when it has to be **right**

Wall Cladding Panels

Application Checking Verticality

A using Room Measurement („Room Scan“ application)

- now measure each marked point on the wall
- save the measurement and export it



- when it has to be **right**

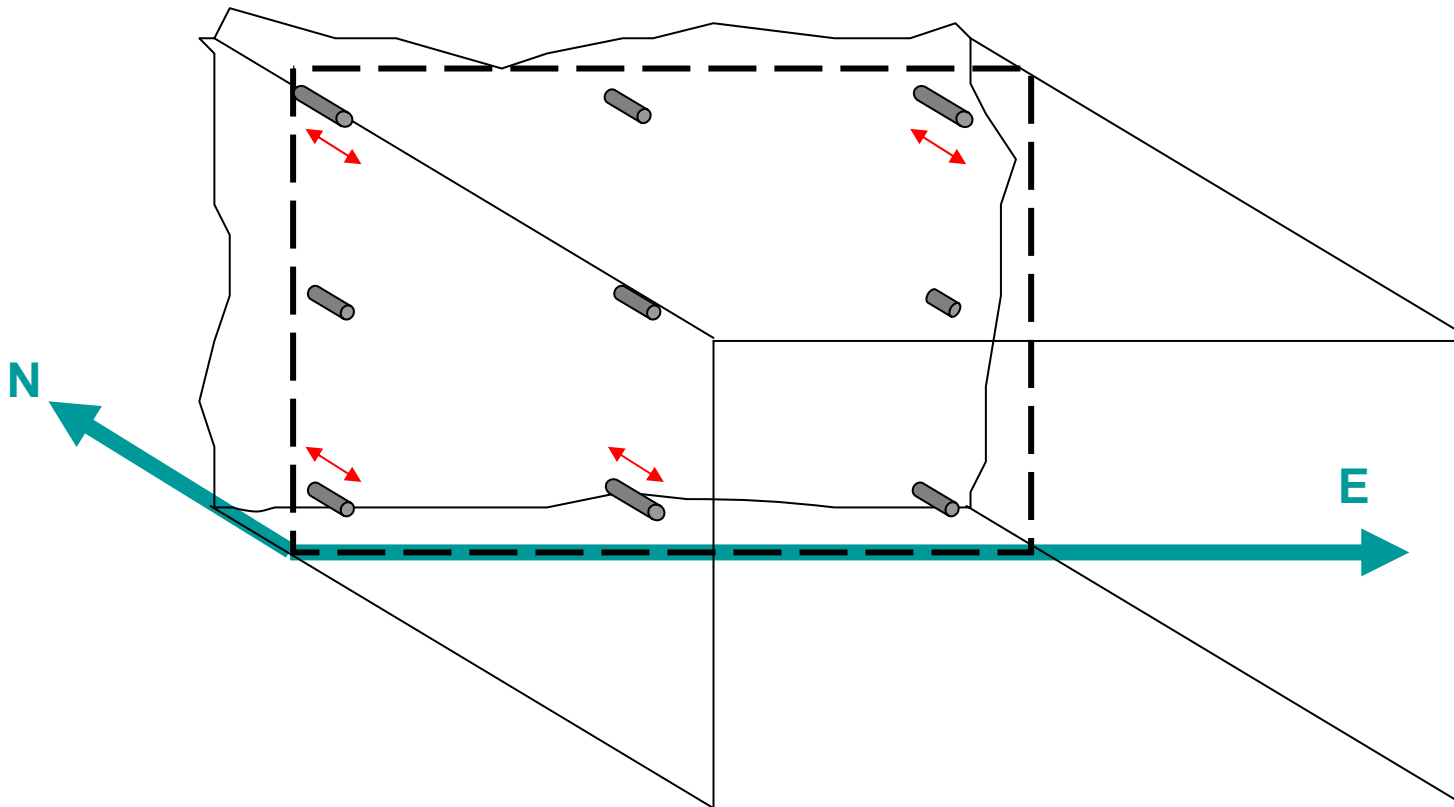
Wall Cladding Panels

Application Checking Verticality

	East	North	Height		
last	248.689	456.779	1.000		
Height reference					
Point ID	East	North	Height		
101128_0087	248.689	456.779	1.000		
Room Measurement					
Line Start Pt	Line End Pt	E end point	N end point	H end point	Angle left
101129_0001	101129_0002	250.000	450.000	0.024	
101129_0002	101129_0003	252.587	450.000	0.082	170.00
101129_0003	101129_0004	yyy.yyy	xxx.xxx	0.107	290.20
101129_0004	101129_0005	yyy.yyy	xxx.xxx	0.055	90.00
	101129_0006	yyy.yyy	xxx.xxx	1.058	

A using Room Measurement („Room Scan“ application)

- open CSV file in export folder
- column „N end point“ - 450.000 = length of the fixations

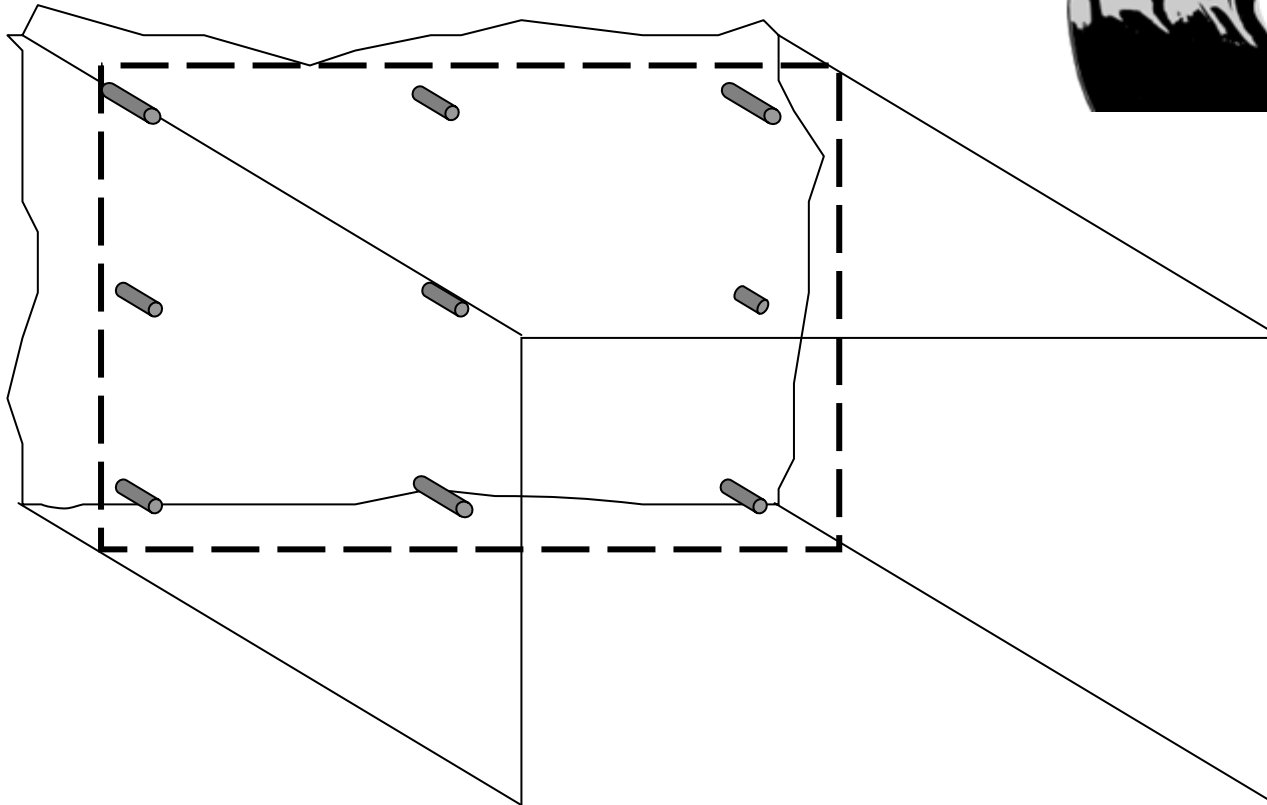


- when it has to be **right**

Wall Cladding Panels

Application Checking Verticality

B using „Projector“ application



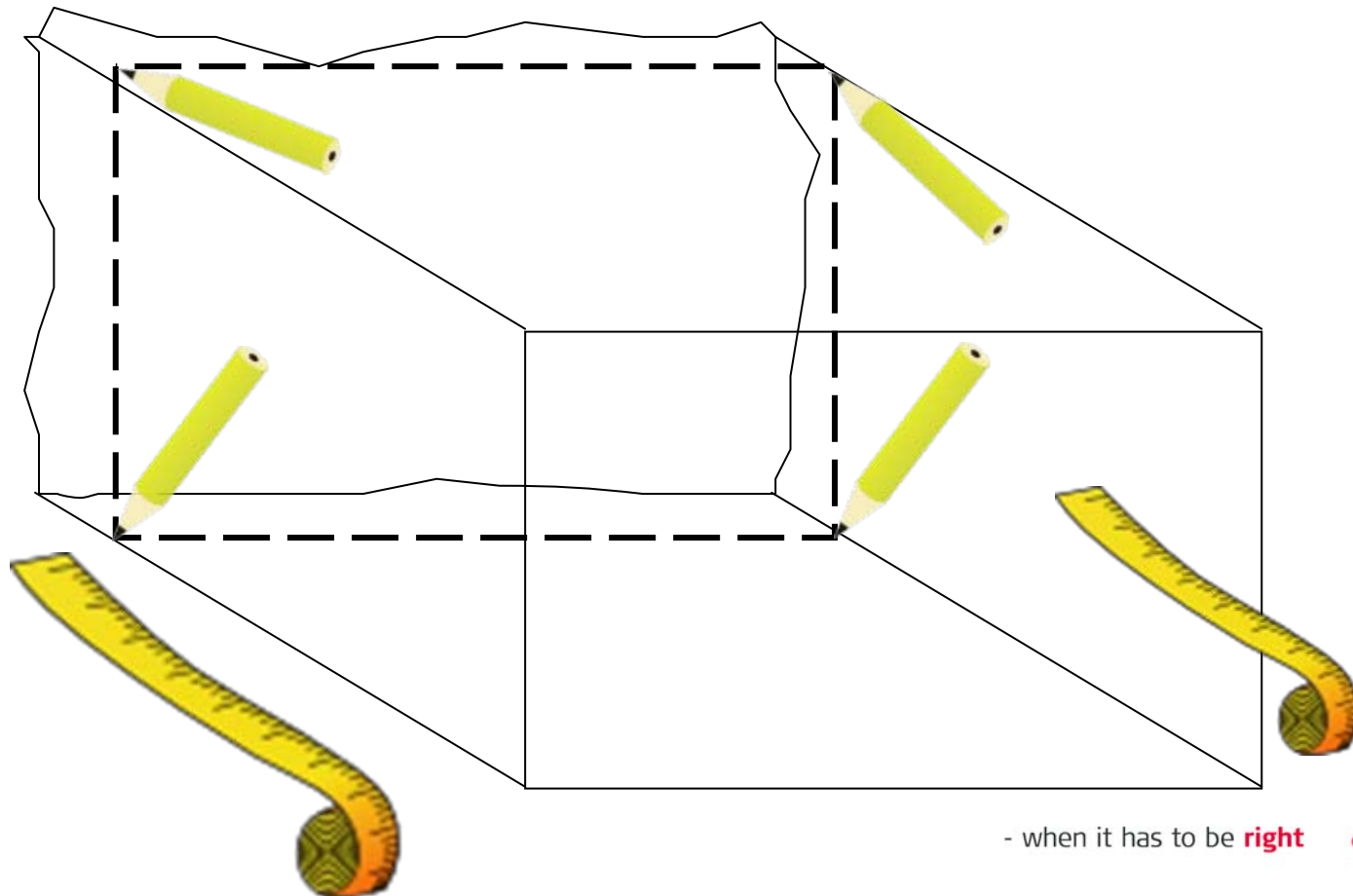
- when it has to be **right**

Wall Cladding Panels

Application Checking Verticality

B using „Projector“ application

- mark the position of the designed wall at all corners



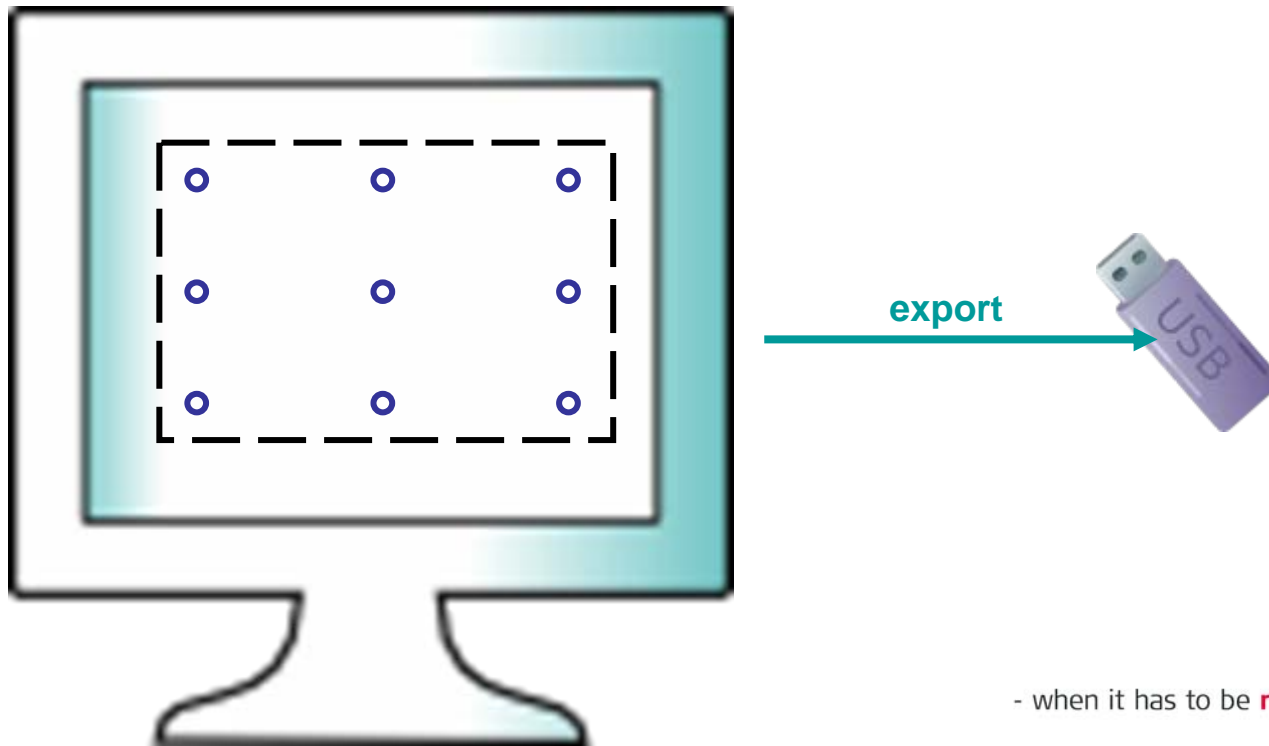
- when it has to be **right**

Wall Cladding Panels

Application Checking Verticality

B using „Projector“ application

- design the position of the fixations on CAD
- export to DXF



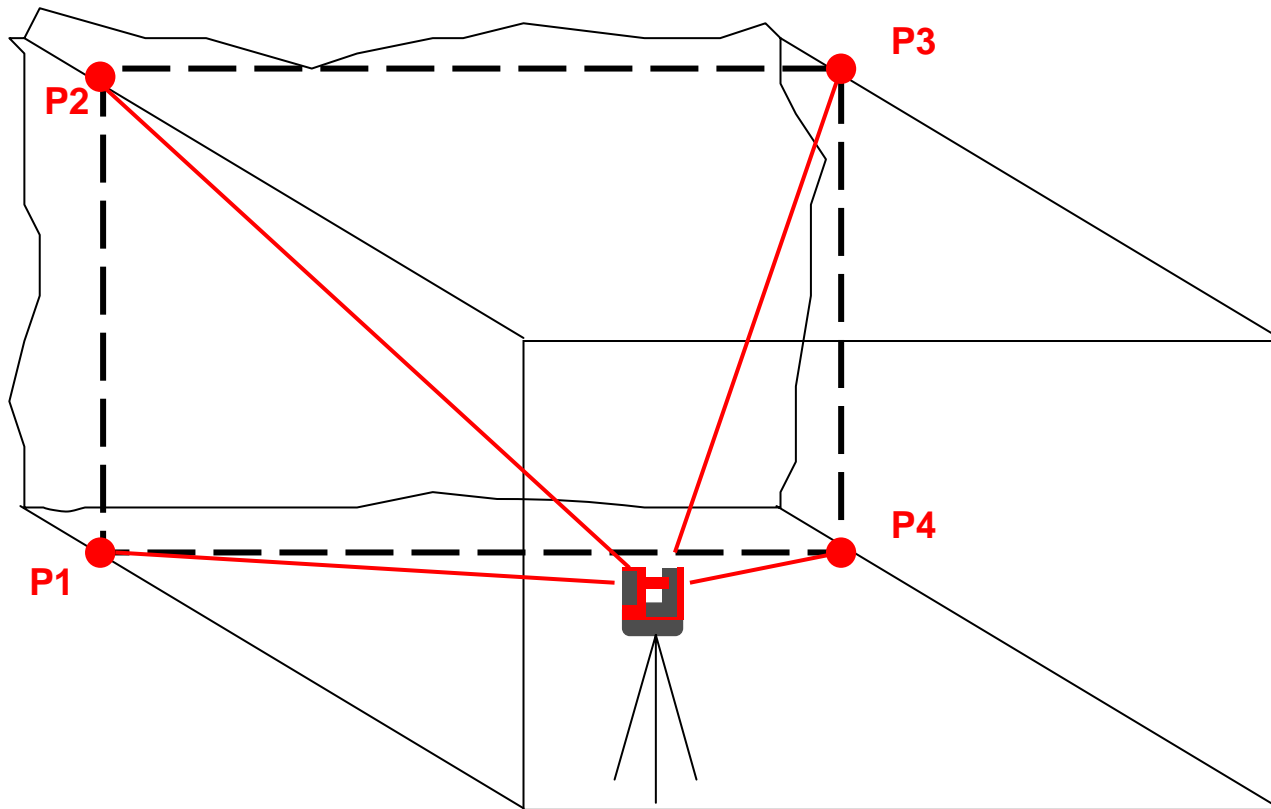
- when it has to be **right**

Wall Cladding Panels

Application Checking Verticality

B using „Projector“ application

- start Projector application
- define working plane by measurement of marked points



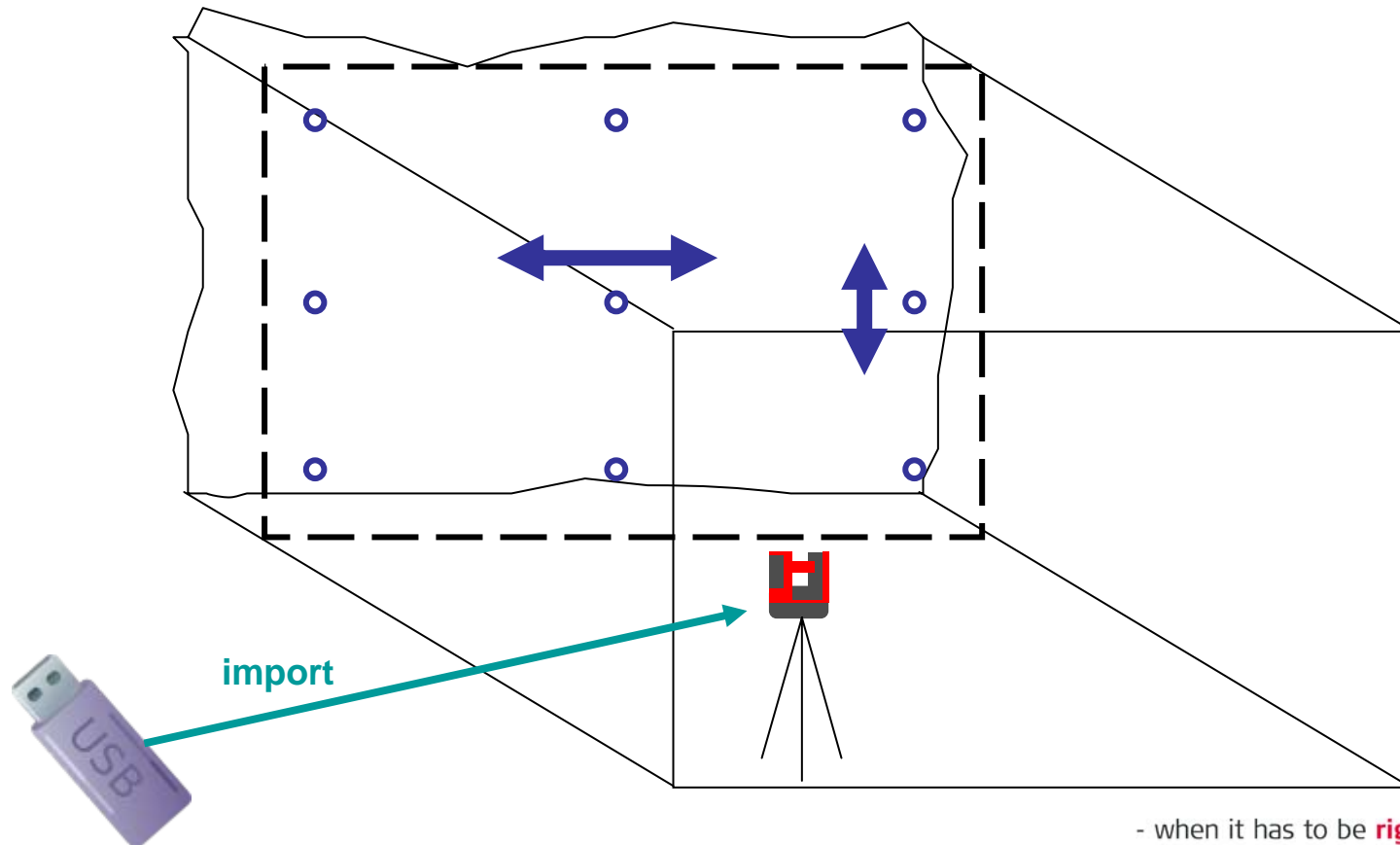
- when it has to be **right**

Wall Cladding Panels

Application Checking Verticality

B using „Projector“ application

- import DXF file with designed fixation positions
- move grid to the correct position on the Control Unit, press checkmark



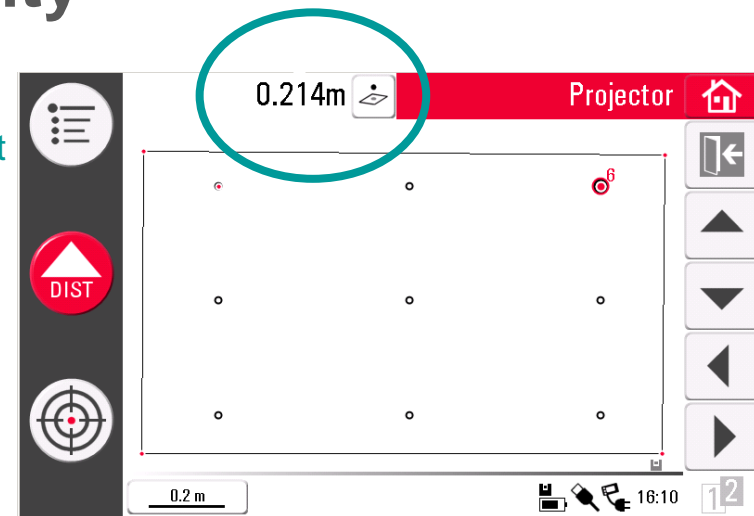
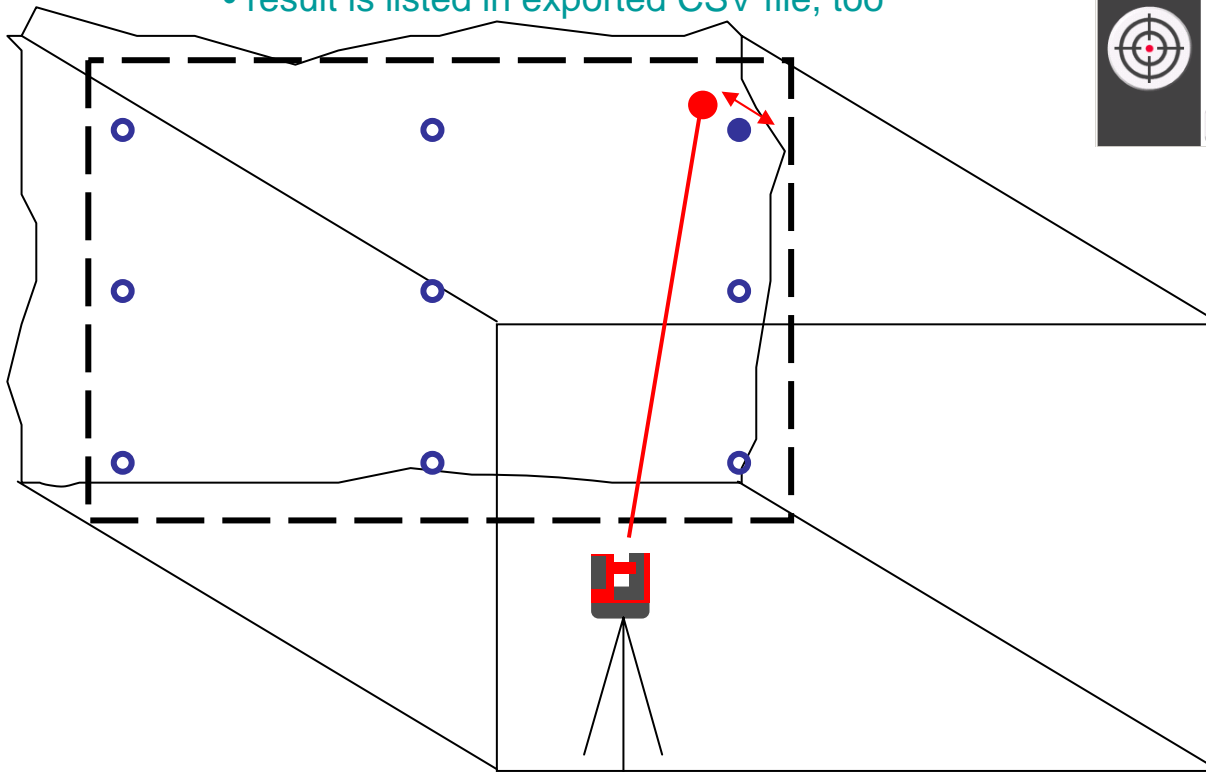
- when it has to be **right**

Wall Cladding Panels

Application Checking Verticality

B using „Projector“ application

- select a grid point, press DIST → point is set out at the correct position (rectangular projection to working plane)
- length of the fixation is displayed in the Control Unit's result window
- result is listed in exported CSV file, too



- when it has to be **right**