



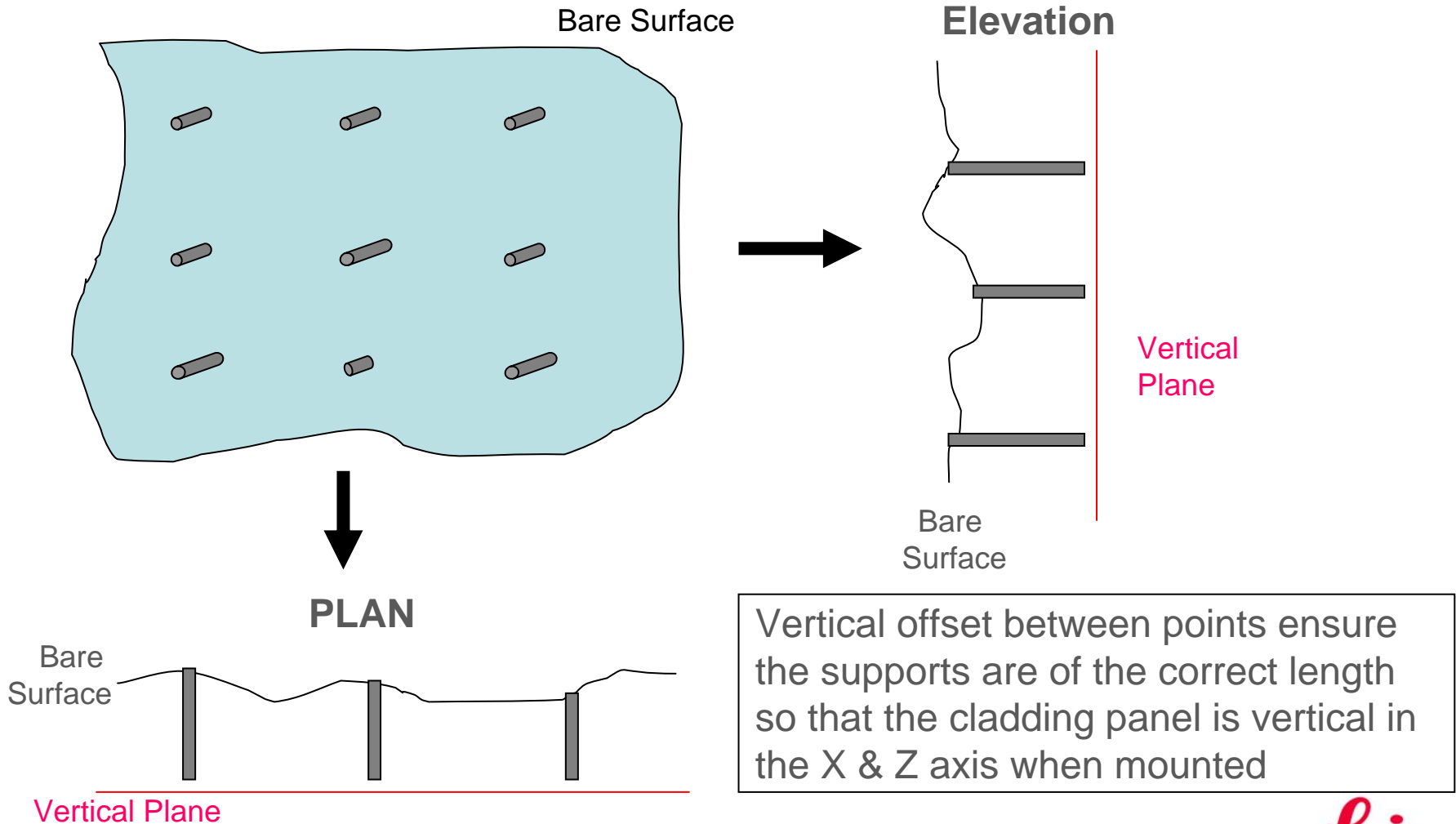
Leica 3D Disto Wall Cladding

- when it has to be **right**

Leica
Geosystems

Wall Cladding Panels

Position and length of fasteners



- when it has to be **right**

Wall Cladding Panels

Position and length of fasteners

The Leica 3D Disto offers two solutions:

- A using „Room Scan“ application if the position of the fixing points is variable and if you do not need an immediate result
- B using „Projector“ application if the position of the fixing points is preset and you need an immediate result



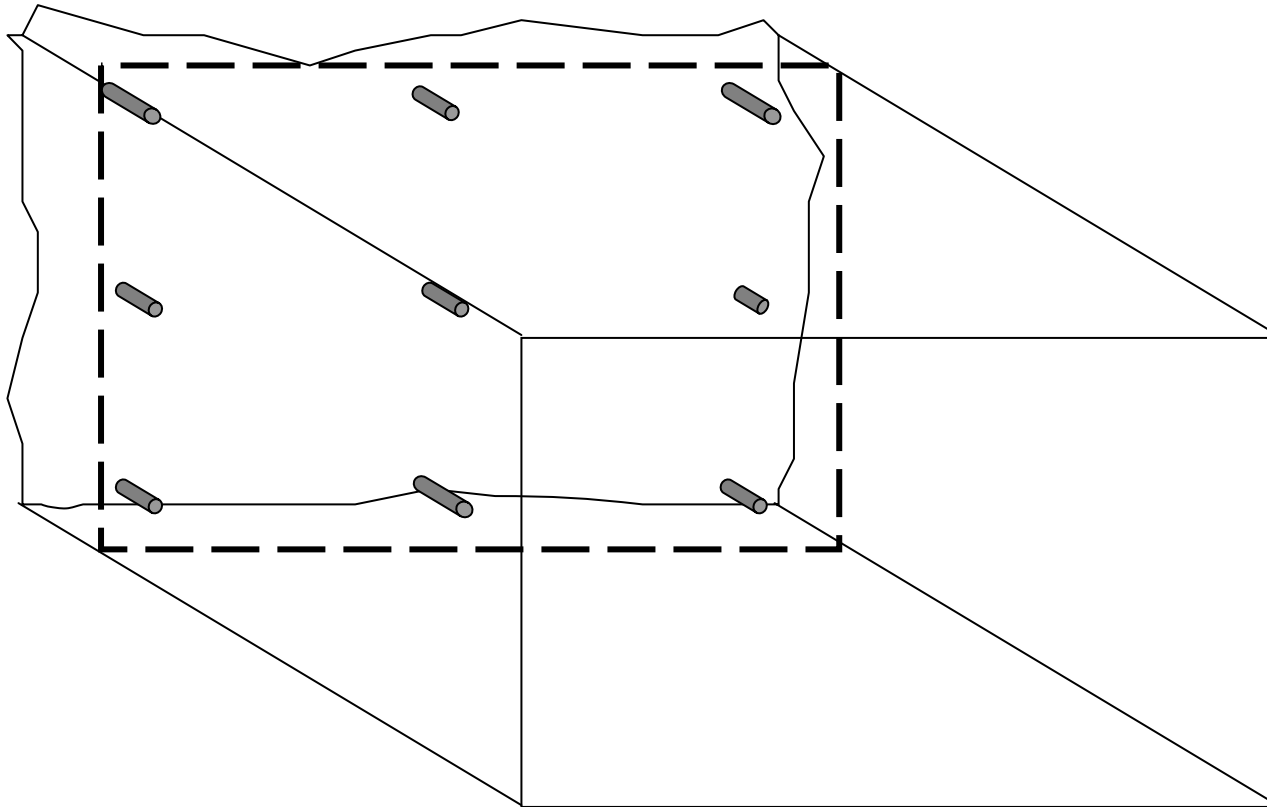
- when it has to be **right**

Wall Cladding Panels

Position and length of fasteners

A

using Room Measurement („Room Scan“ application)



- when it has to be **right**

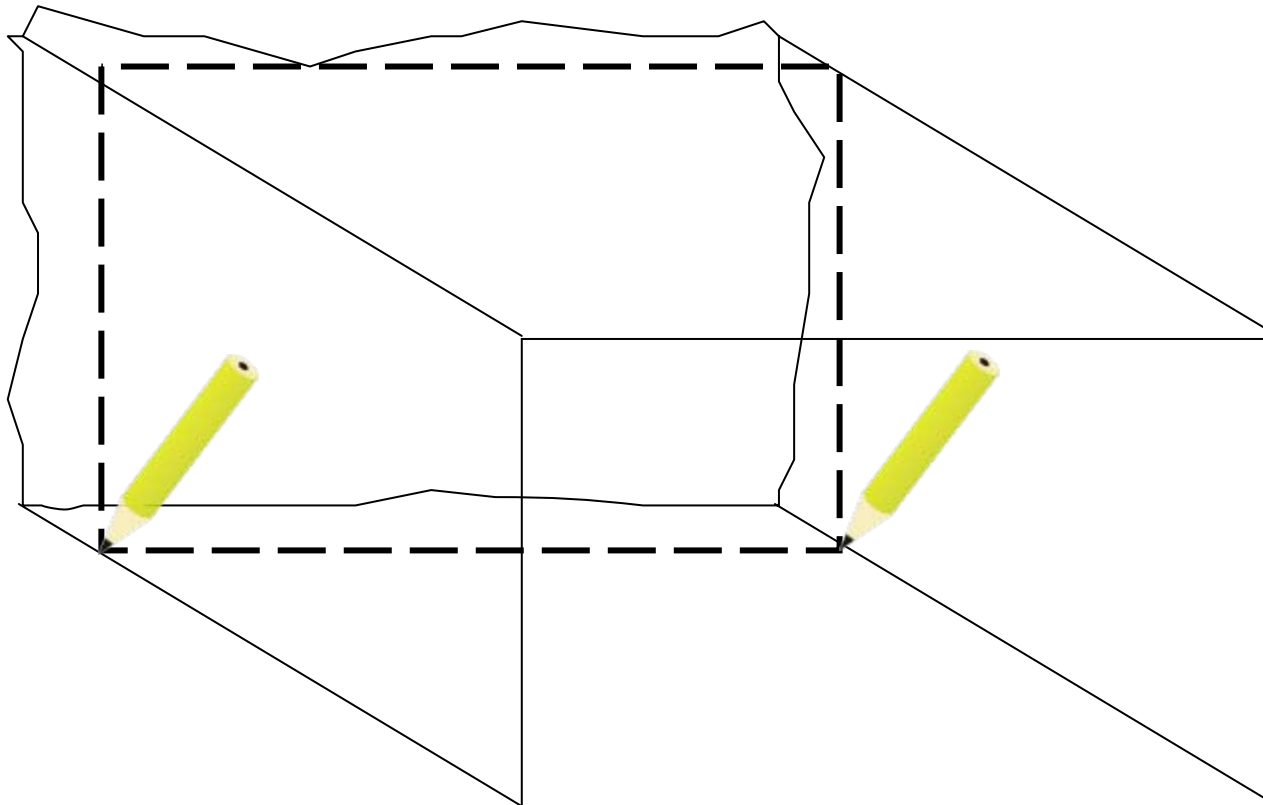
Wall Cladding Panels

Position and length of fasteners

A

using Room Measurement („Room Scan“ application)

- mark the position of the designed wall



- when it has to be **right**

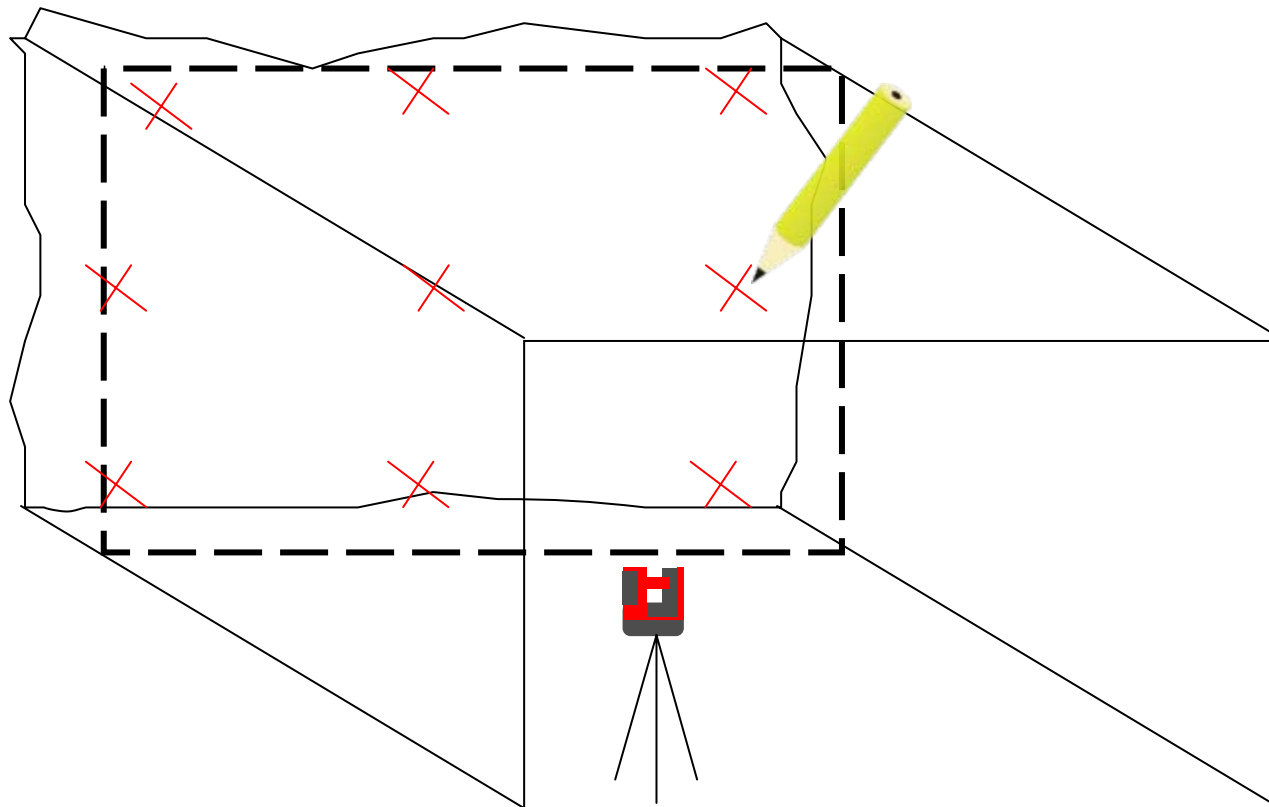
Wall Cladding Panels

Position and length of fasteners

A

using Room Measurement („Room Scan“ application)

- mark the position of the fixations



- when it has to be **right**

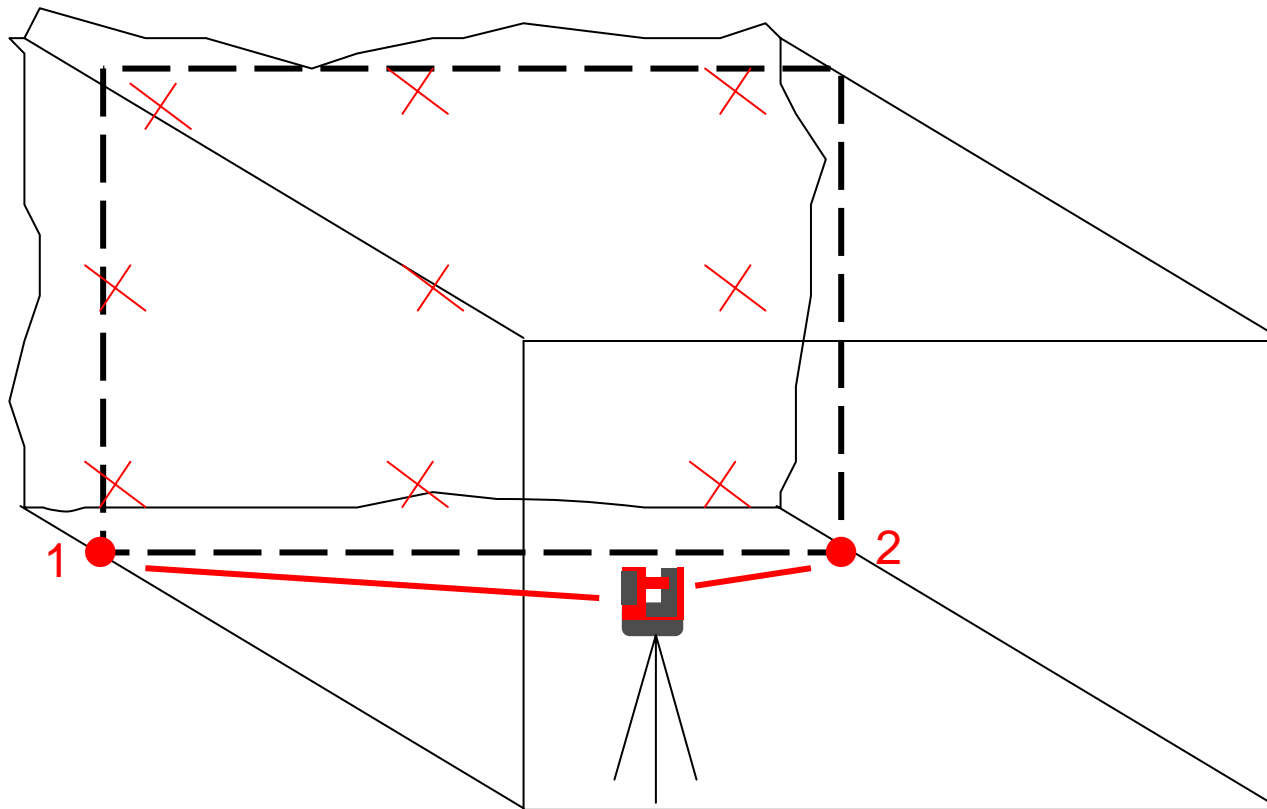
Wall Cladding Panels

Position and length of fasteners

A

using Room Measurement („Room Scan“ application)

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

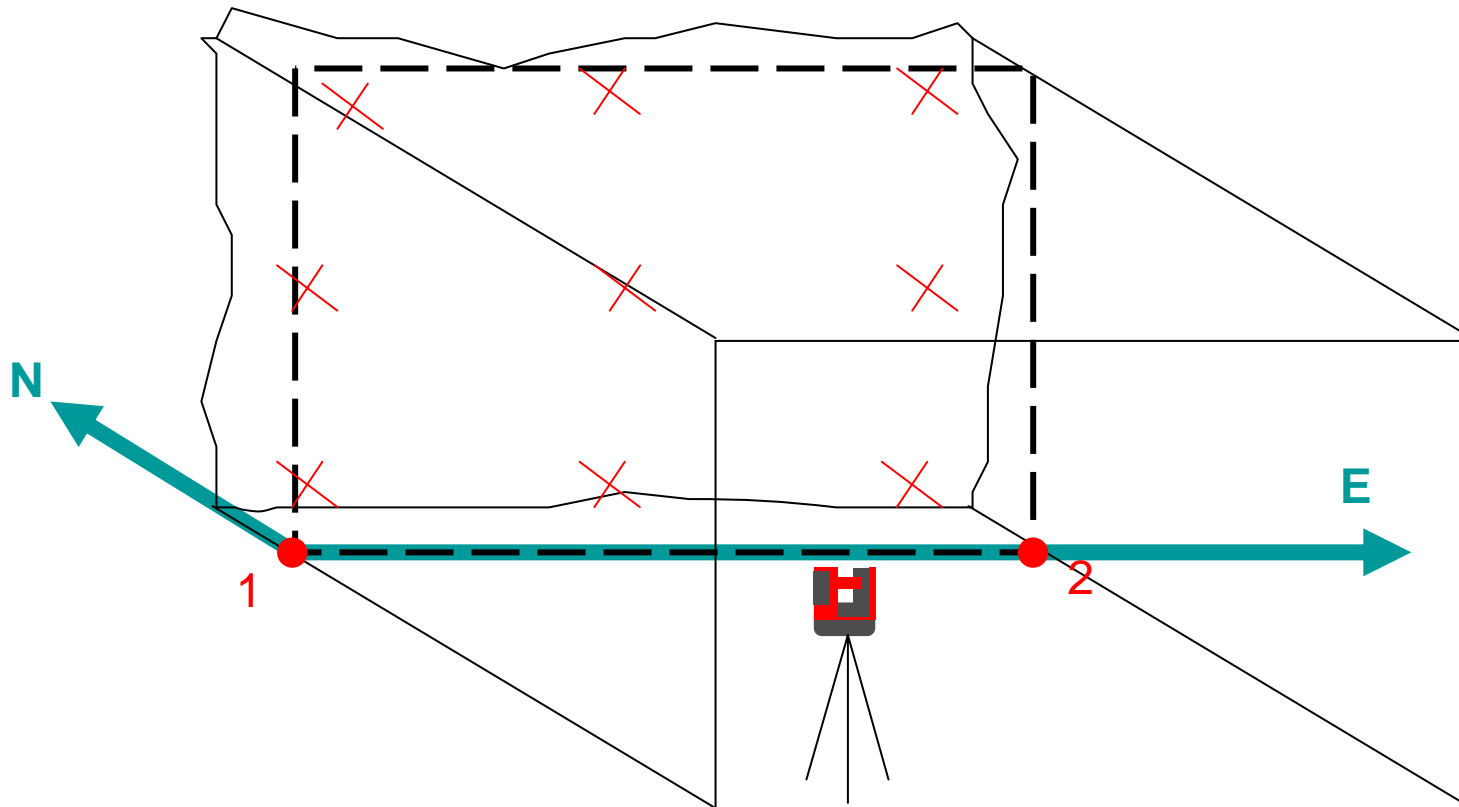


- when it has to be **right**

Wall Cladding Panels

Position and length of fasteners

- A** using Room Measurement („Room Scan“ application)
- now the coordinate system fits to the desired position of the wall



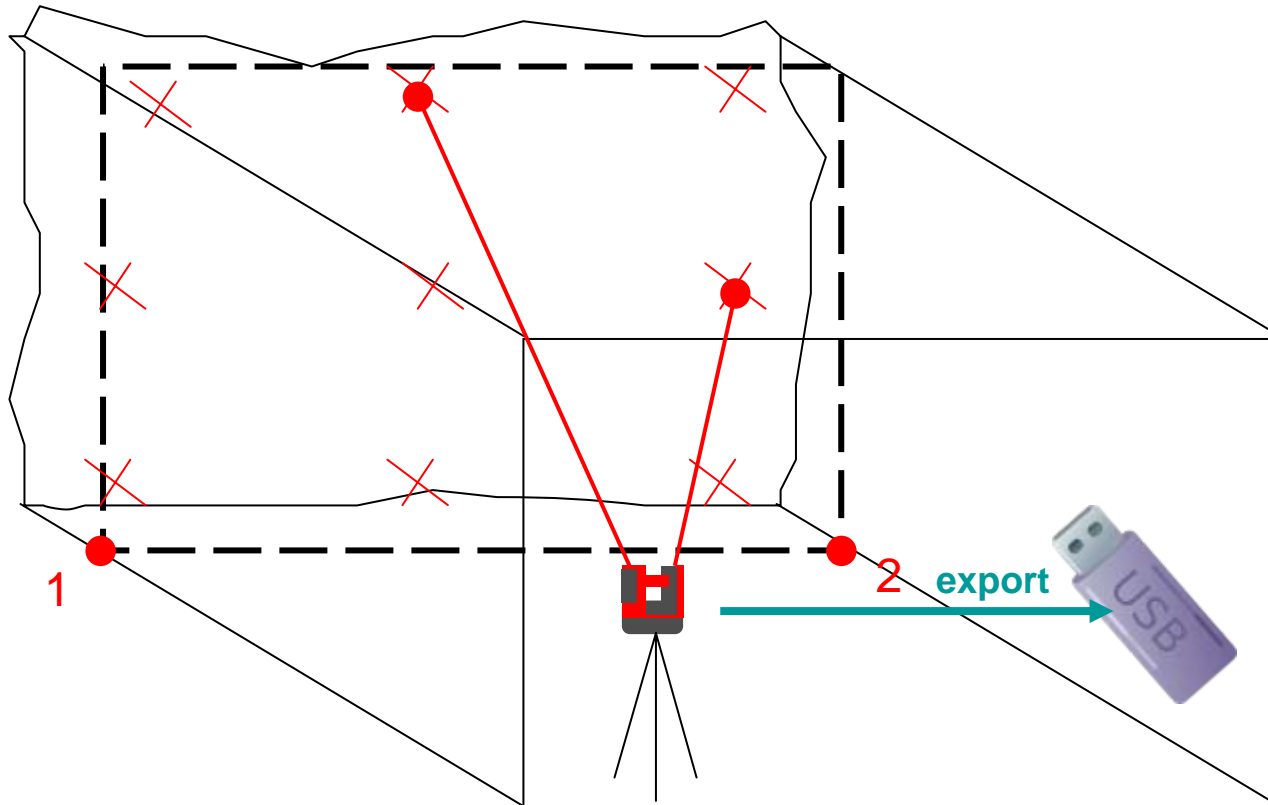
- when it has to be **right**

Wall Cladding Panels

Position and length of fasteners

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

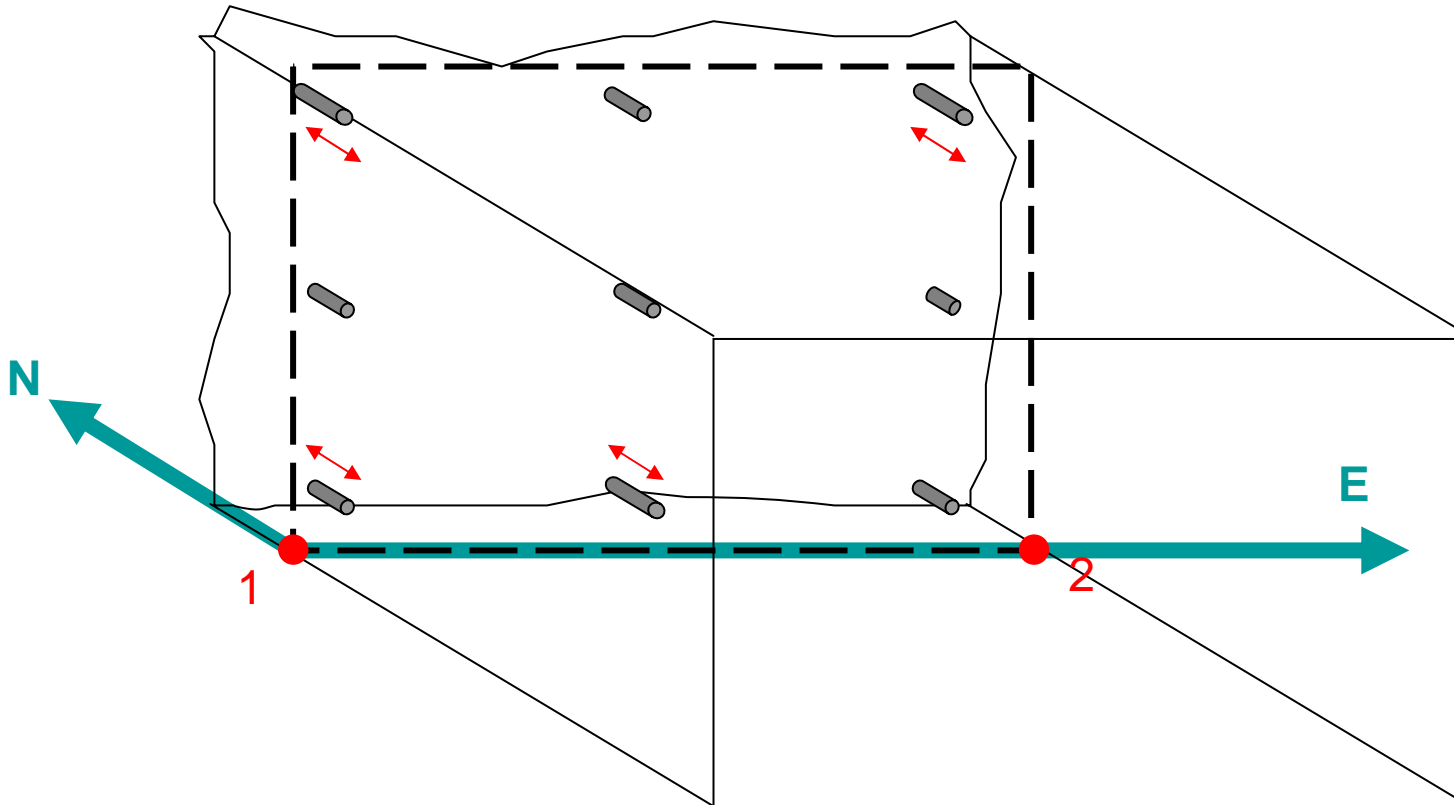
Position and length of fasteners

A

using Room Measurement („Room Scan“ application)

- open CSV file in export folder
- column „N end point“: difference $P_{new} - P_1 = \text{length of fixation}$

	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	290.22
101129_0004	101129_0005	yyy.yyy	xxx.xxx	0.055	90.00
	101129_0006	yyy.yyy	xxx.xxx	1.058	

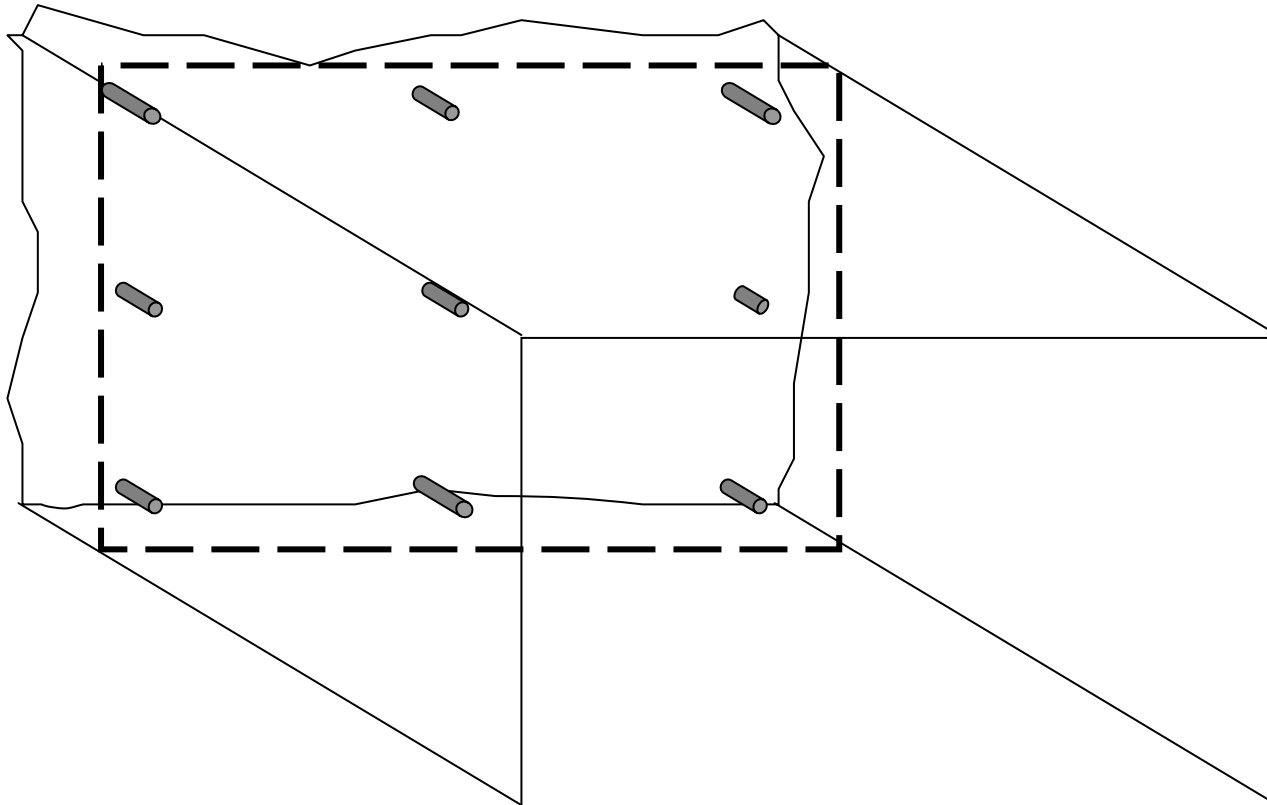


- when it has to be right

Wall Cladding Panels

Position and length of fasteners

B using „Projector“ application



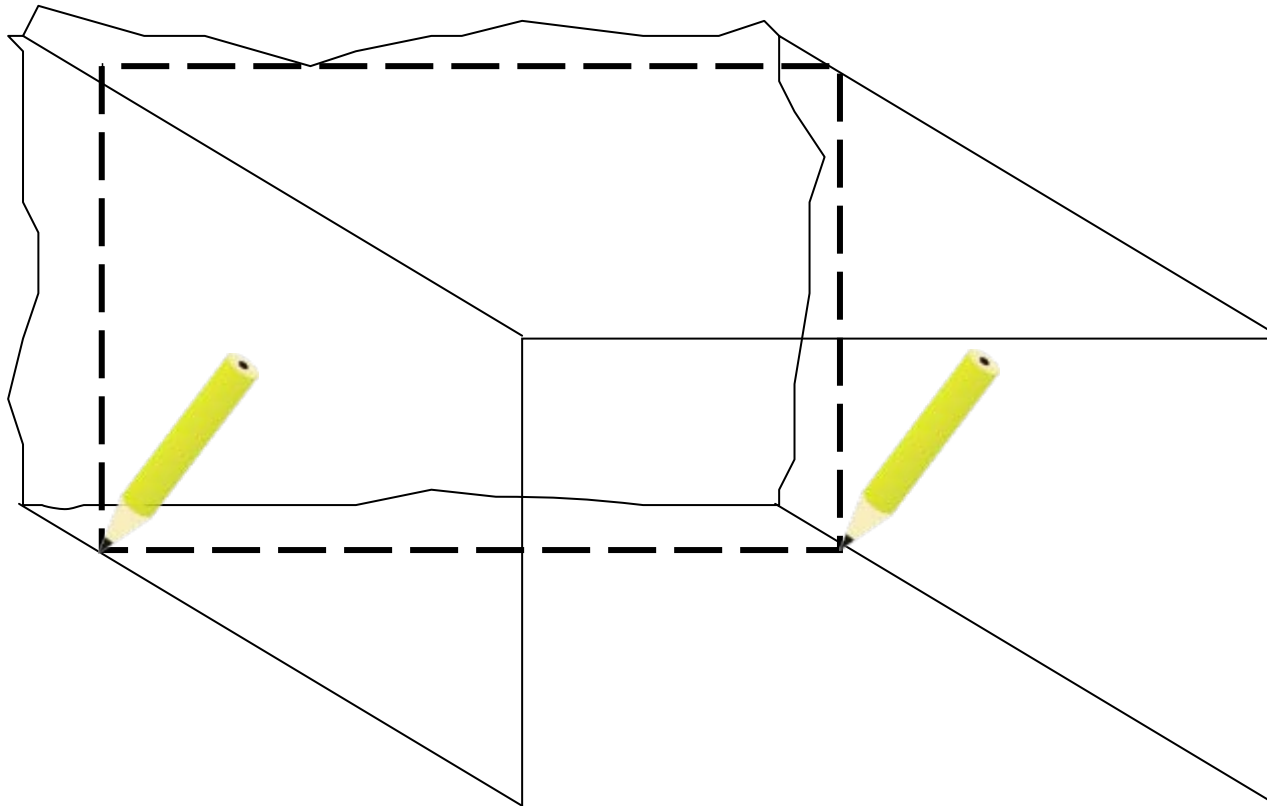
- when it has to be **right**

Wall Cladding Panels

Position and length of fasteners

B using „Projector“ application

- mark the position of the designed wall.



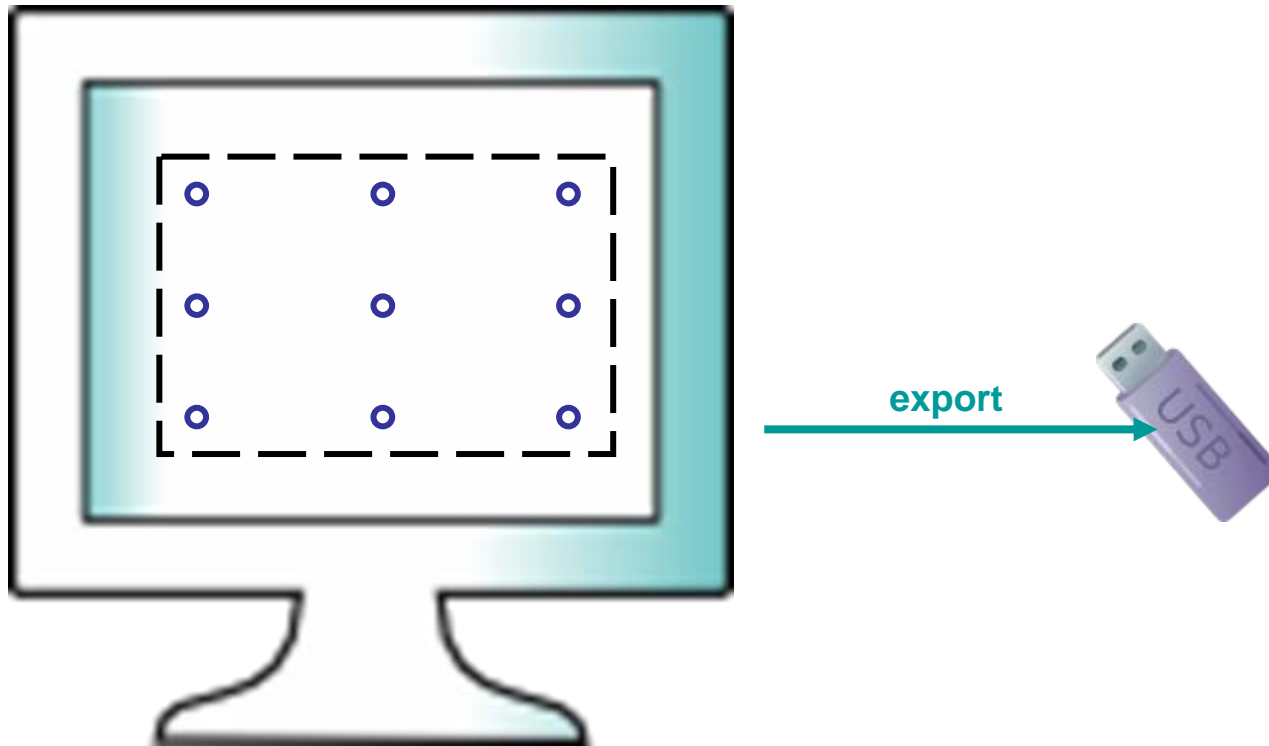
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Wall Cladding Panels

Position and length of fasteners

B using „Projector“ application

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



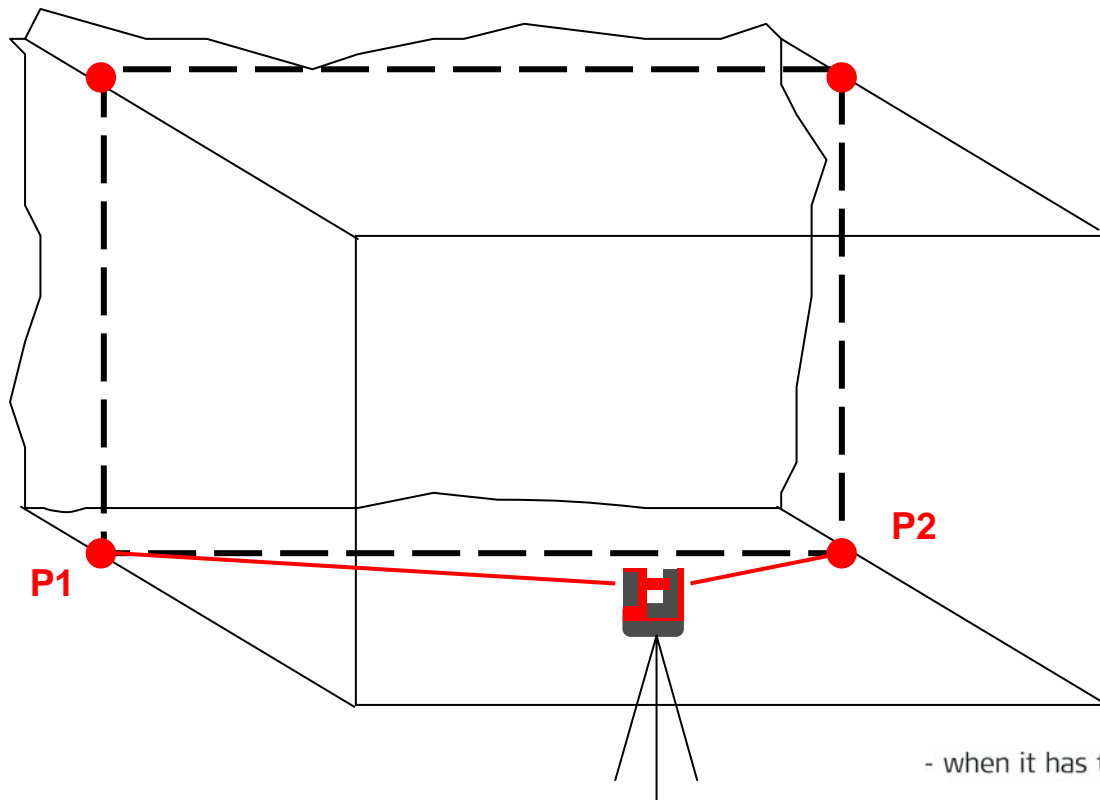
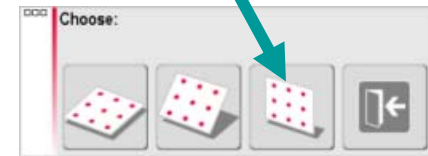
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Wall Cladding Panels

Position and length of fasteners

B using „Projector“ application

- start Projector application „vertical“
- measure at least 2 horizontal points
- measure further points of interest if necessary



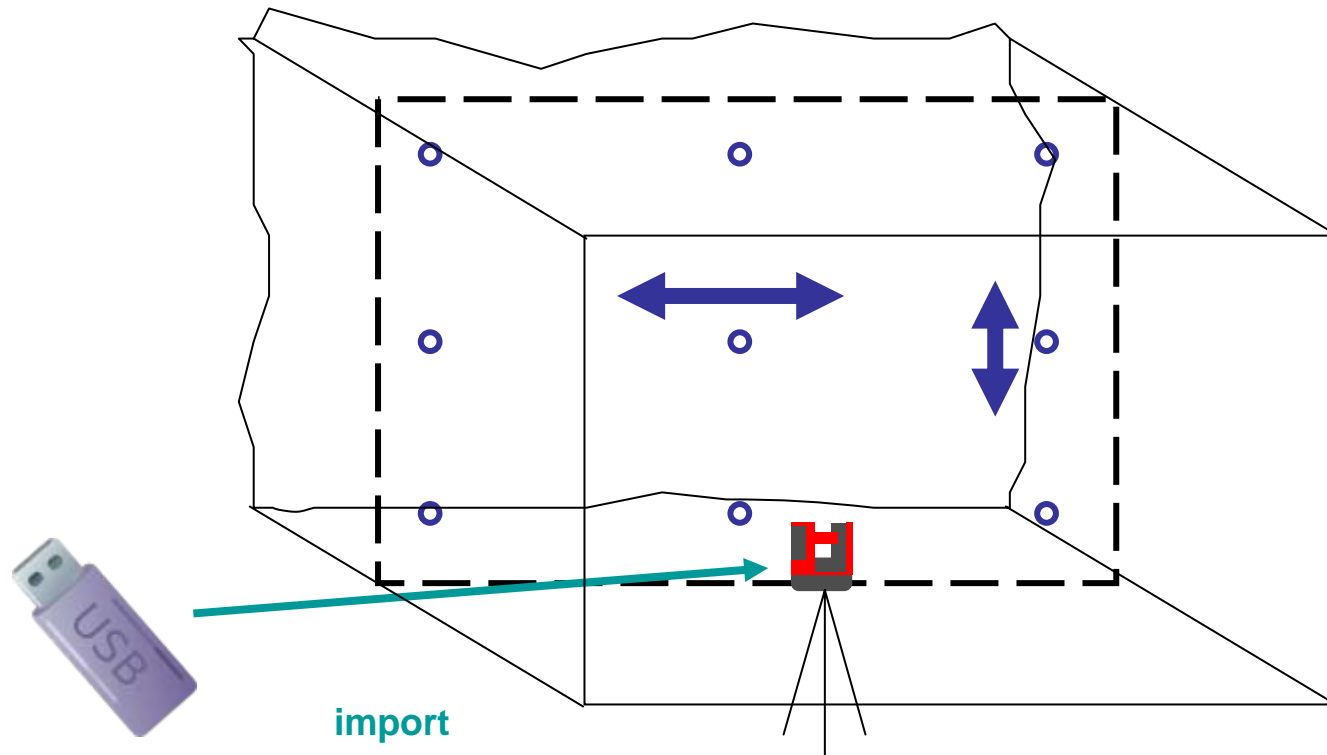
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Wall Cladding Panels

Position and length of fasteners

B using „Projector“ application

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



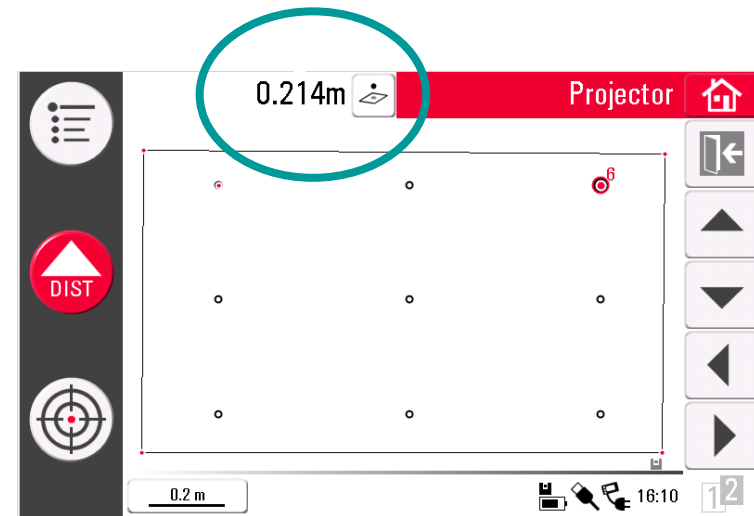
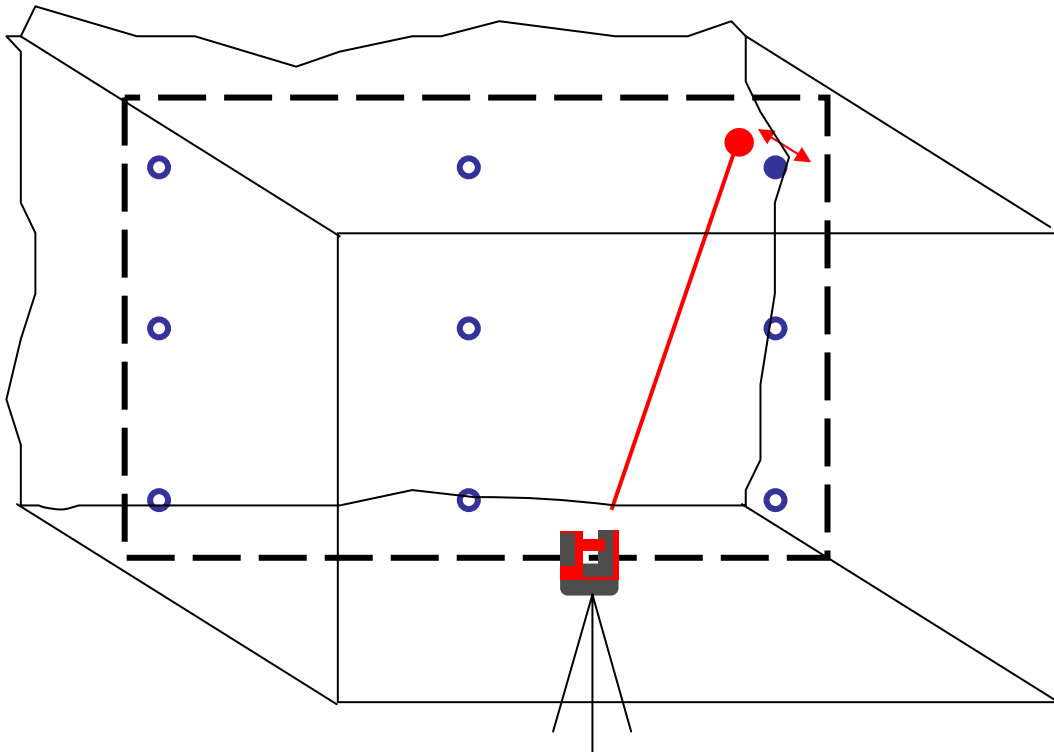
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Wall Cladding Panels

Position and length of fasteners

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



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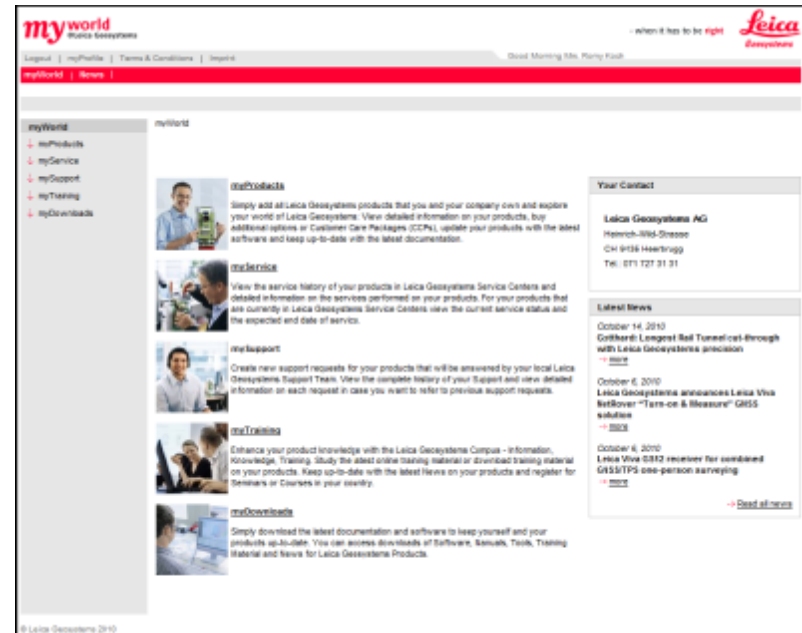
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