



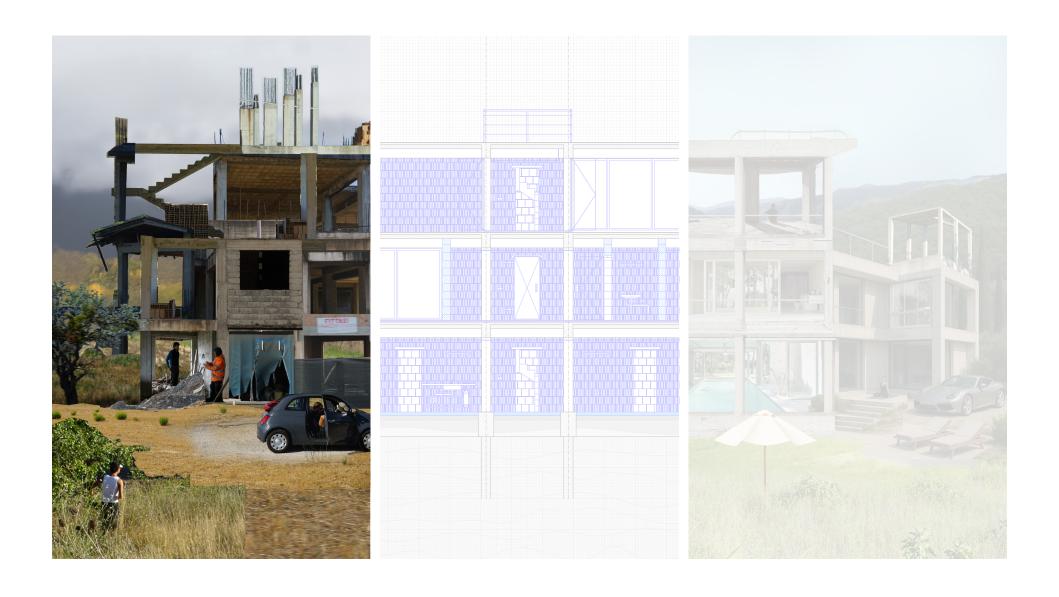
### latent\*

\*present but not yet active, visible or apparent; existing as potential, hidden or concealed.

### latent villas

incomplete architectures and their potential.

Markus Köhler // Explore Lab 39 // 24/06/2025 // P5 Presentation Mentors: Jorge Mejía Hernández, Elise van Dooren, Rico Heykant



01 // analysis

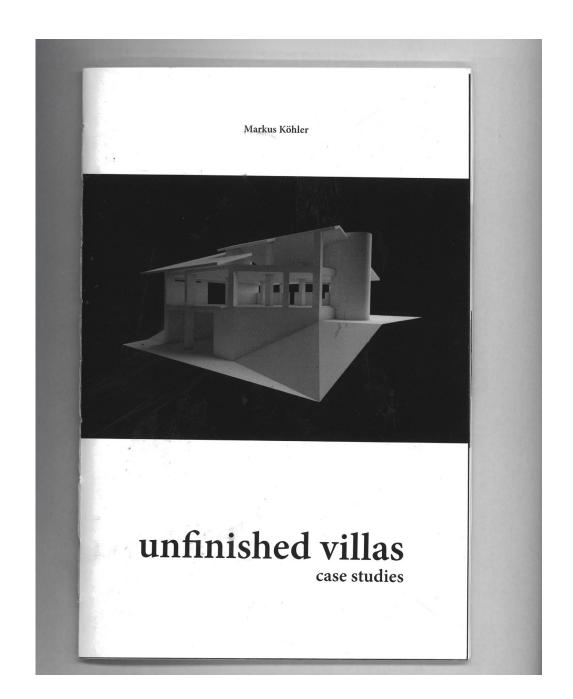




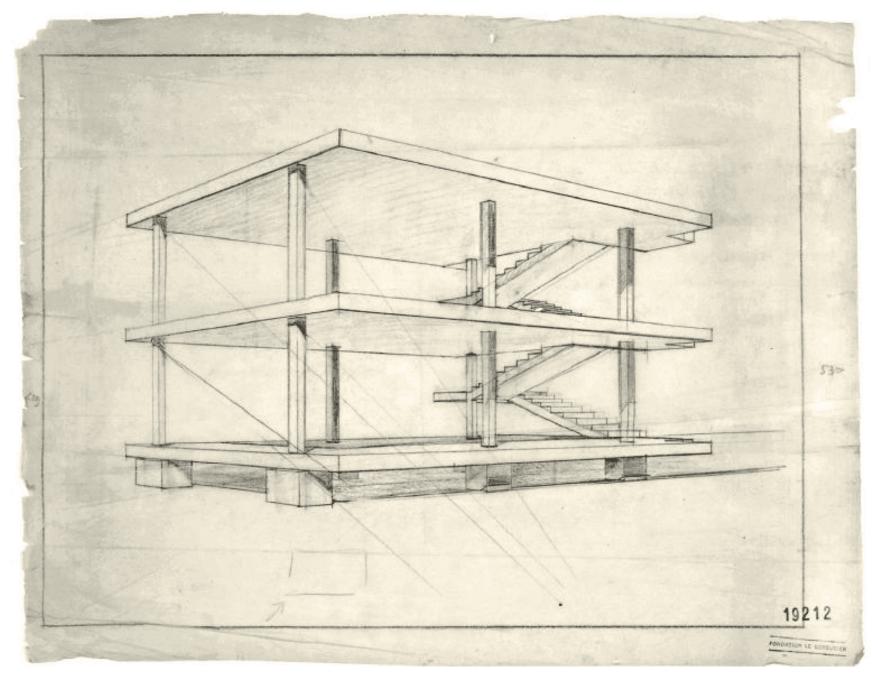


# documentation









Le Corbusier Maison Dom-Ino 1914







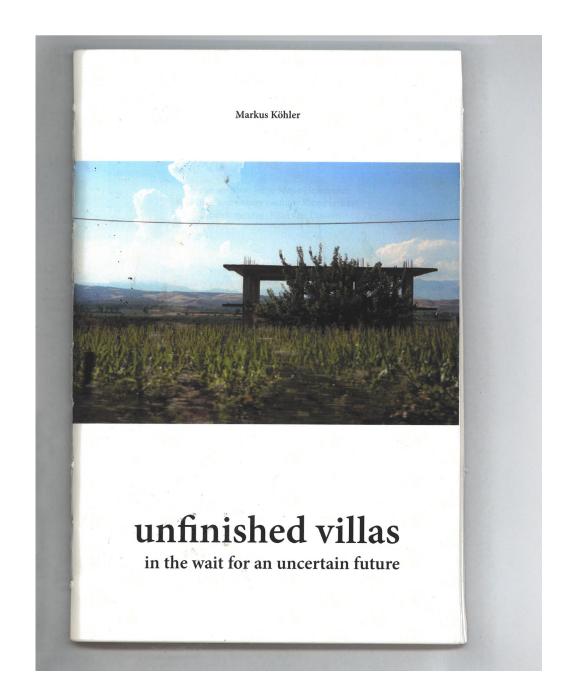




conversations



contextualization



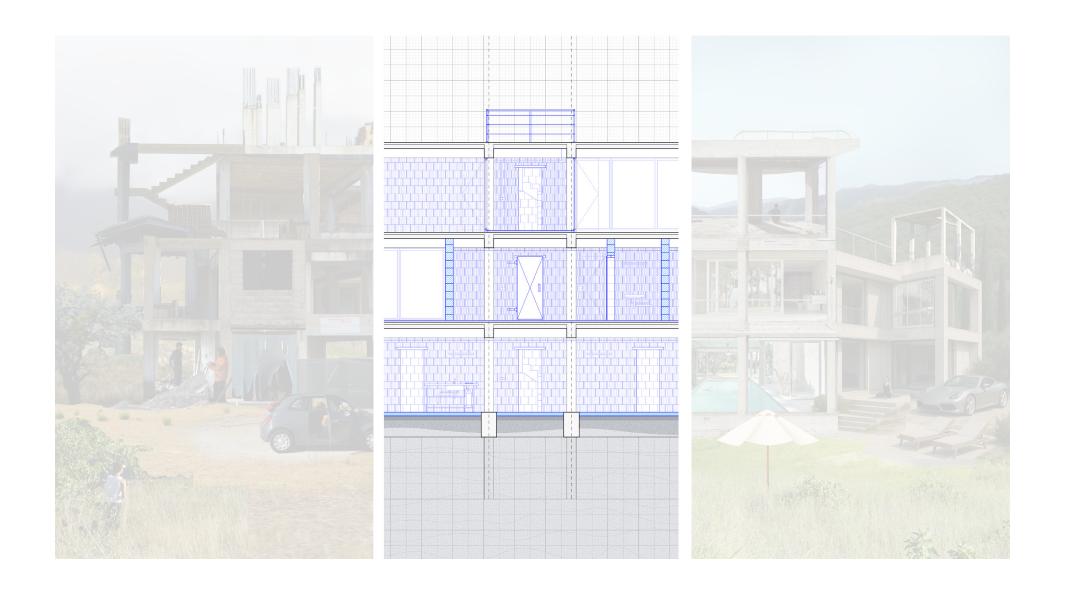






facing an uncertain future





02 // projection

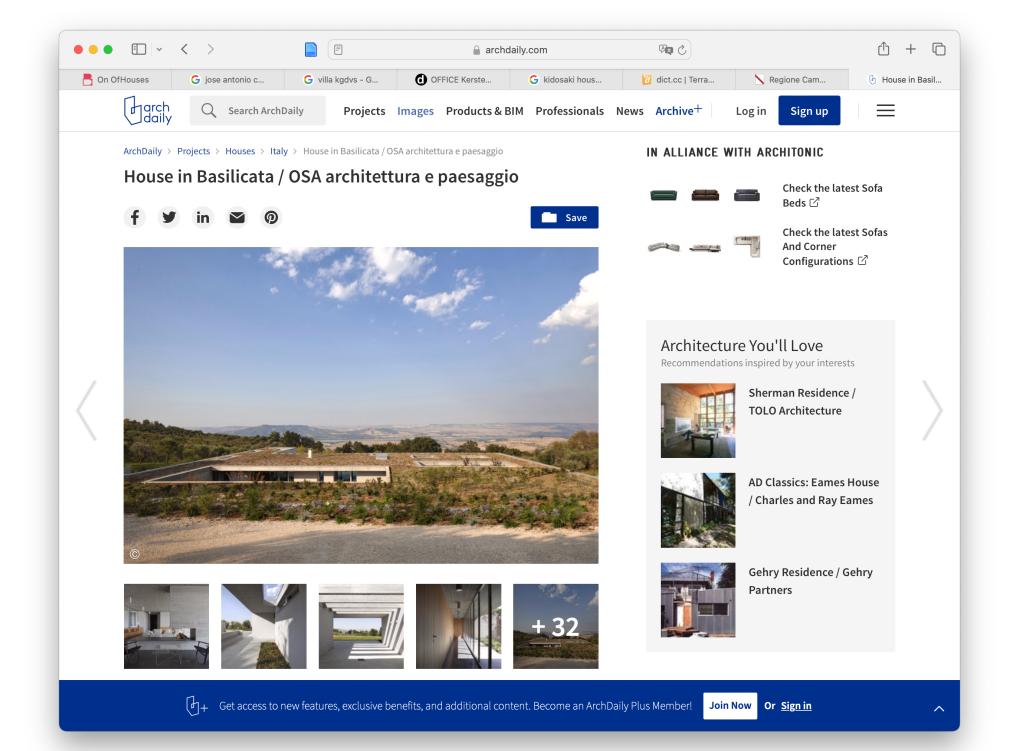
appealing

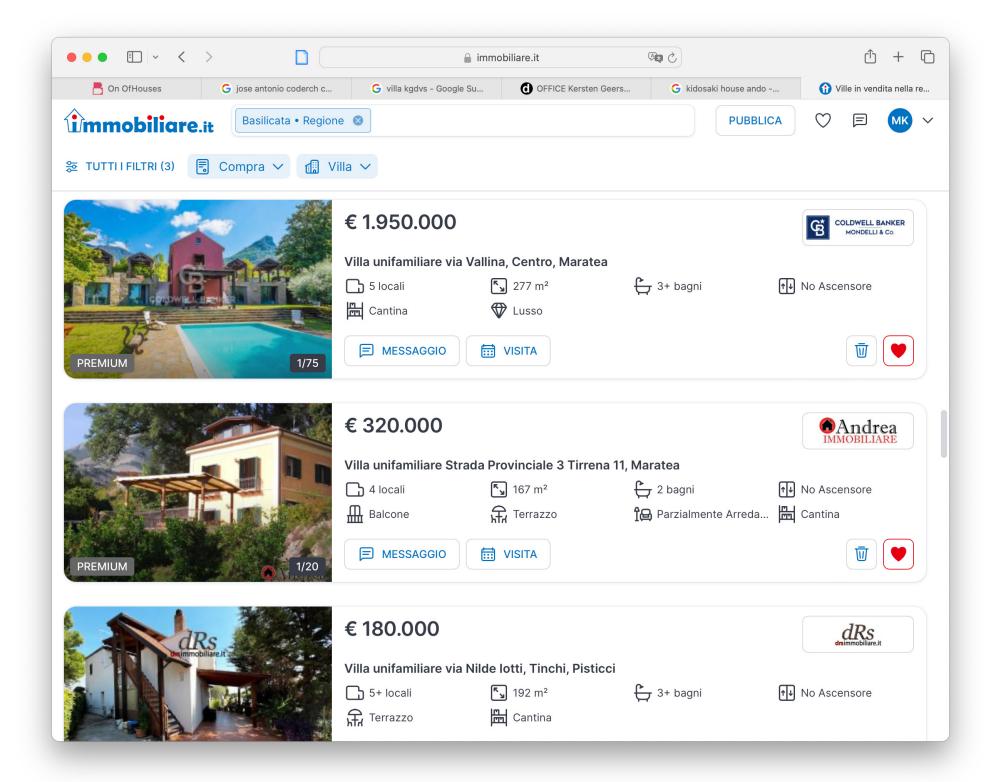
feasible

applicable

## south Italian villas

state of the art analysis





















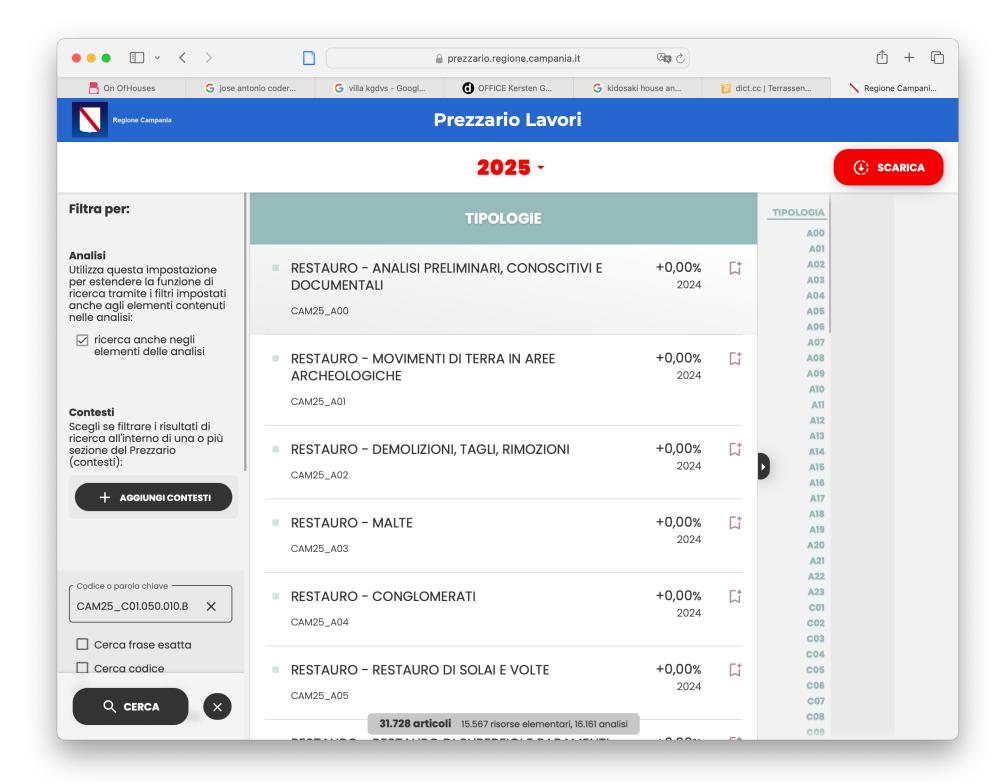






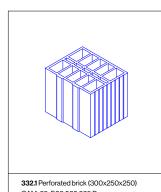
# local building practice

state of the art analysis



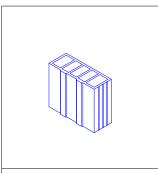
Code DIN 276	Position	Component	Measure	Product price in €	Per Unit	Construction price incl. labor in €	incl. business profits in €	Per unit	Code in Prezzario	Comments
300	Construction					iabo. iii o	promo m c			
330	Exterior Walls									
332	Non structural walls									
332.1	Component A	Perforated Brick	23 x 25 x 18,5 cm	33,65	m²	56,24	72,38	m²	CAM25_E08.020.025.C	brick blocks, no load bearing function, semi-solid, perforation below 45%, thermal performance complies current regulations on energy saving, incl. mortar, compressive strength > 5 N/mm <sup>2</sup>
334	Wall openings									
334.1	Component A	PVC Window	Min. 1,5 m <sup>2</sup> accountable	580,47	m²	624,19	803,33	m²	CAM25_E18.090.013	Single wing window frame, hinged, color white, double glazing, Rw = 36 dB, UW $\leq$ 1.30 W/m <sup>2K</sup>
334.2	Component A'	PVC Window	Min. 1,5 m <sup>2</sup> accountable	879,05	m²	925,93	1.191,68	m²	CAM25_E18.090.013.E	Lift-and-slide window frame with 2 wings, hinged, color white, double glazing, Rw = 36 dB, UW $\leq$ 1.30 W/m <sup>2K</sup>
334.3	Component B	Aluminum Window	Min. 1,5 m <sup>2</sup> accountable	696,56	m²	740,29	952,75	m²	CAM25_E18.080.013.B	Single wing window frame, hinged, color white, double glazing, Rw = 36 dB, UW $\leq$ 1.30 W/m <sup>2K</sup>
334.3'	Component B'	Aluminum Window	Min. 1,5 m <sup>2</sup> accountable	1.054,86	m²	1.101,75	1.417,95	m²	CAM25_E18.080.013.E	Lift-and-slide window frame with 2 wings, hinged, color white, double glazing, Rw = 36 dB, UW $\leq$ 1.30 W/m <sup>2K</sup>
334.4	Component C	Entrance door	4,5 cm (thickness)	411,71	m²	447,11	575,44	m²	CAM25_E18.010.010	External entrance door in pine wood, frames of any span, safety lock with 3 or more turns, keys, bolt, knob and handle in brass or chromed metal
335	Cladding outside									
335.1	Component A	Compensation				1,12	1,45	m²	CAM25_E16.020.010.F	Compensation for execution on external walls (see 336.1, rough plaster)
336	Cladding inside									
336.1	Component A	Rough plaster with lime, sand and cement mortar	> 15 mm (thickness)			14,11	18,16	m²	CAM25_E16.020.010.B	first layer of roughcast spread between pre- arranged guides, second layer of the same mortar spread flat with a rustic trowel
338	Shading									
338.1	Component A	Wooden shutter	≤ 3 m <sup>2</sup>	307,95	m²	322,21	414,68	m²	CAM25_E18.040.010.B	Wooden shutter with one or two leaves, up to 3 m² in surface area. In pine or douglas wood
338.2	Component B	Roller Shutters	1,4 to 1,5 cm (thickness)	52,8	m²	59,58	76,68	m²	CAM25_E18.015.010.G	Roller blind with straight fibre slats with a thickness of 1.4 to 1.5 cm. In reinforced PVC with a metal core
340	Interior Walls									
342	Non structural walls									
342.1	Component A	Wooden frame wall	15 cm	14,07	m²	47,98	61,76	m²	CAM25_E06.030.020.G	Frame walls from laminated or jointed fir wood (8 x 14 cm), intervals of 55 to 65 cm, covered with OSB/3 panels (15 mm)
342.1'	Component A'	Wooden frame wall	15 cm	29,01	m²	62,92	80,98	m²	CAM25_E06.030.020.H	+ filled with 50kg/m³ rock wool, covered with type a plasterboard
343.2	Component B	Steel frame wall	15 cm	12,43	m²	29,33	37,75	m²	CAM25_E22.010.010.A	Partition walls covered with plasterboard (12 mm), fixed to galvanized steel sheet profiles, intervals of < 60 cm

# construction materials



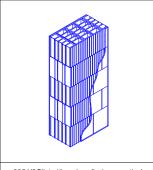
CAM\_25\_E08.020.025.D

product price incl. construction 61,98 €/m<sup>2</sup> 79,77 €/m²



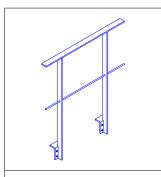
332.2 Perforated brick (115x250x250) CAM\_25\_E08.020.025.B

incl. construction product price 53,09 €/m<sup>2</sup> 41,25 €/m<sup>2</sup>



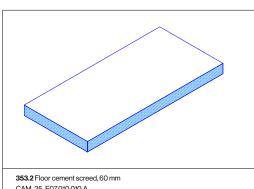
335.1/2 Diluted lime slurry (incl. preparation) CAM\_25\_E21.020.010.A/010.005.A

product price incl. construction 0,16 €/m<sup>2</sup> 14,3 €/m<sup>2</sup>



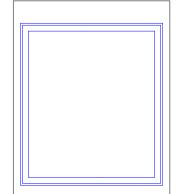
332.3 Railing Stainless steel, wires, 4 mm

product price incl. construction 0,16 €/m<sup>2</sup> 14,3 €/m<sup>2</sup>



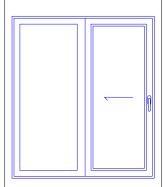
CAM\_25\_E07.010.010.A

product price incl. construction 3,74 €/m<sup>2</sup> 17,3 €/m²



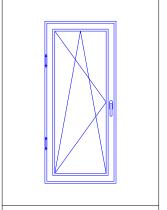
334.1 Façade fixed CAM\_25\_E18.080.011.A

incl. construction product price 397,9 €/m<sup>2</sup> 473,49 €/m²



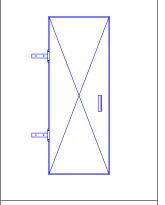
334.1' Façade sliding element CAM\_25\_E18.080.011.D

product price incl. construction 700,18 €/m<sup>2</sup> 901,13 €/m²



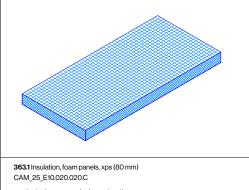
334.2 Window CAM\_25\_E18.080.013.B

incl. construction product price 659,59 €/m<sup>2</sup> 952,75 €/m²



334.4 Door Hinged metal sheet

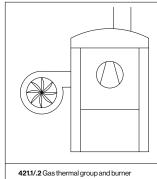
product price incl. construction 180 €/pc. 220 €/pc.



incl. construction product price

42,33 €/m<sup>2</sup> 61,74 €/m<sup>2</sup>

# technical installations



CAM25\_M01.010.040.A/M03.030.020.B

product price 4.060 €/pc

incl. construction 5.970 €/m<sup>2</sup>

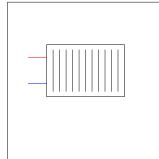


421.1 Wood fired stove chimney masoned from brick

product price -€/m²

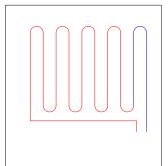
345,75 €/pc

incl. construction - €/m²



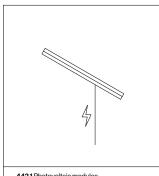
422 Radiator CAM25\_M07.010.030.B

product price incl. construction 15,98 €/pc 20,78 €/pc



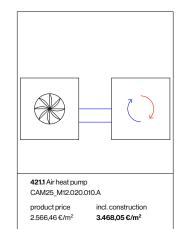
423.1 Floor heating CAM25\_M12.020.010.B

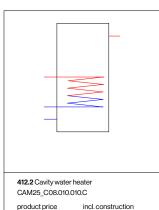
product price incl. construction 3,53 €/m 10,23 €/m



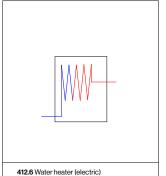
442.1 Photovoltaic modules CAM25\_L20.010.011.B

product price incl. construction 382,77 €/pc 521,21 €/pc



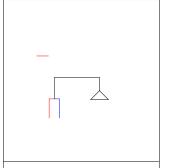


510,81 €/pc



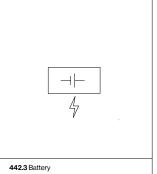
CAM25\_C08.010.060.E

product price incl. construction 164,76 €/m<sup>2</sup> 258,13 €/m<sup>2</sup>



412.7/.8/.9 Sanitary objects CAM25\_I01.020.015.H/020.A/060.A

product price incl. construction x €/m² x €/m²

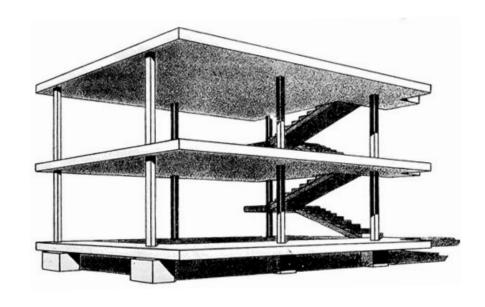


4,6/9,2/13,8kWh

product price incl. construction 1.661 / 3.330 / 4.295 €/pc

## systematic approach

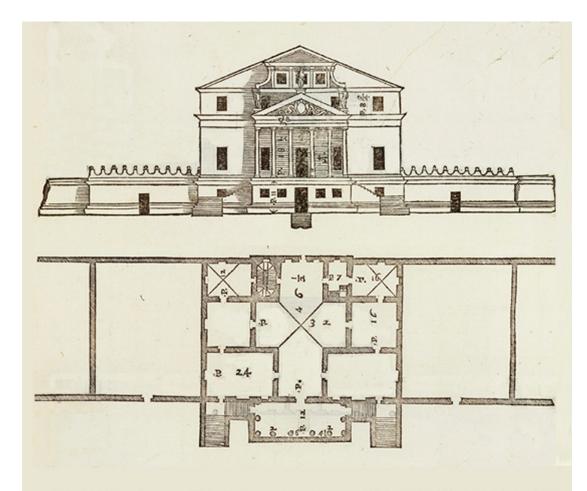
typological studies



open plan

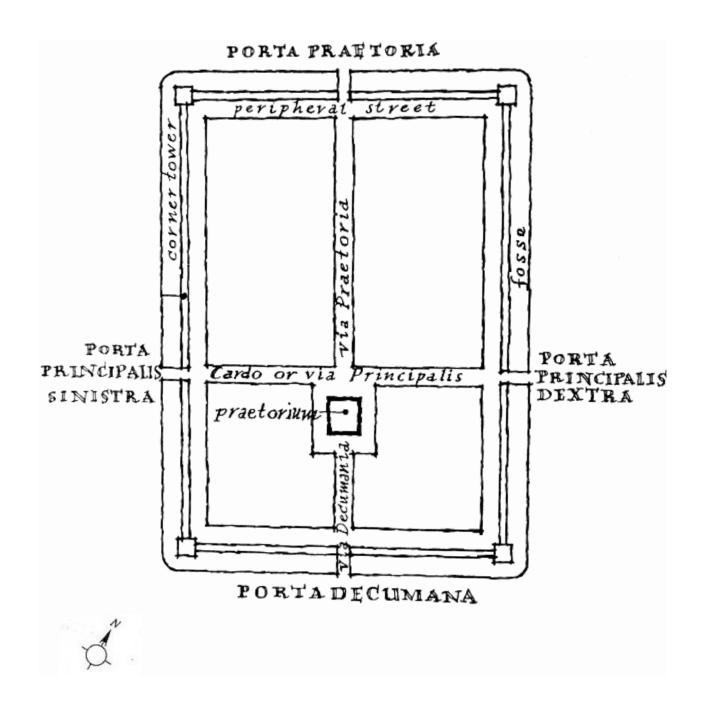


sequence of rooms

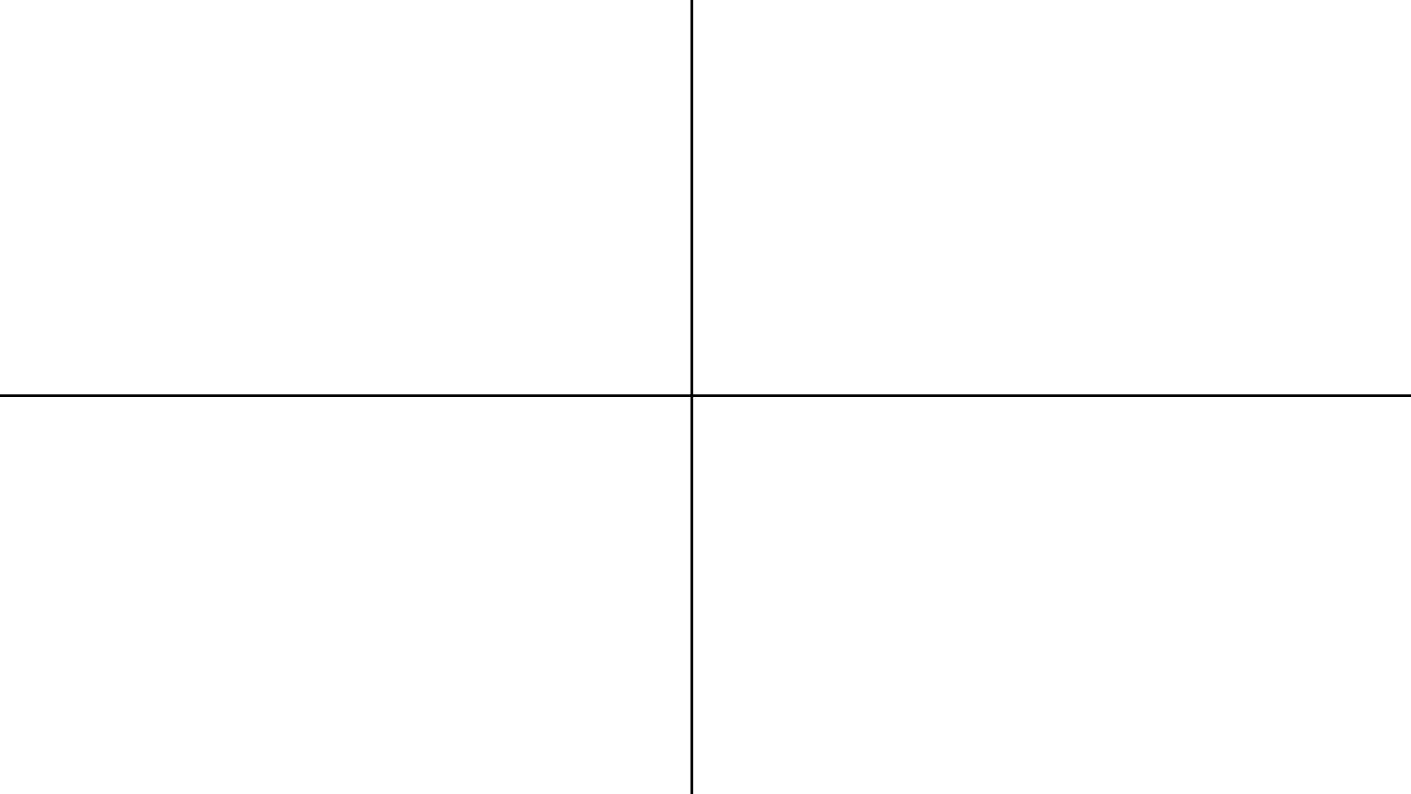


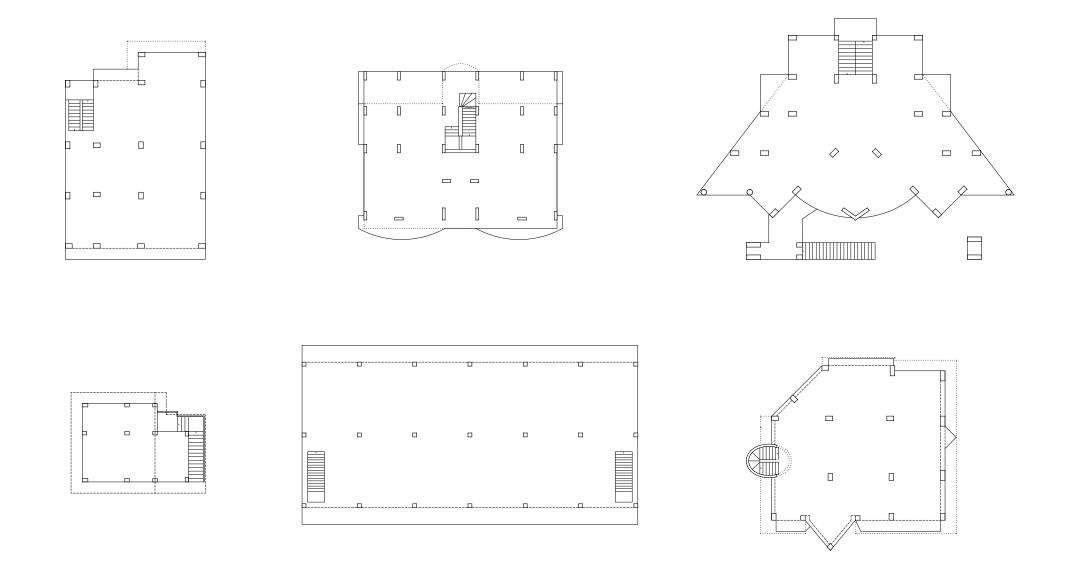
NON MOLTO lungi dalle Gambarare fopra la Brenta è la feguente fabrica delli Magnifici Signori Nicolò, e Luigi de' Foscari. Questa fabrica è alzata da terra undici piedi, e sotto ui sono cu cine, tinelli, e simili luoghi, & è fatta in uolto così di sopra, come di sotto. Le stanze maggiori hanno i uolti alti secondo il primo modo delle altezze de' uolti. Le quadre hanno i uolti à cupola: sopra i ca merini vi sono mezati: il uolto della Sala è à Crociera di mezo cerchio: la sua imposta è tanto alta dal piano, quanto è larga la Sala: la quale è stata ornata di eccellentissime pitture da Messer Battista Venetiano. Messer Battista Franco grandissimo disegnatore à nostri tempi hauca ancor esso dato prin cipio à dipingere una delle stanze grandi, ma sopra uenuto dalla morte ha lasciata l'opera impersetta. La loggia è di ordine Ionico: La Cornice gira intomo tutta la casa, e sa frontespicio sopra la loggia, e nella parte opposta. Sotto la Gronda vi è vn'altra Cornice, che camina sopra i frontespicij: Le camere di sopra sono come mezati per la loro basseza, perche sono alte solo otto piedi.

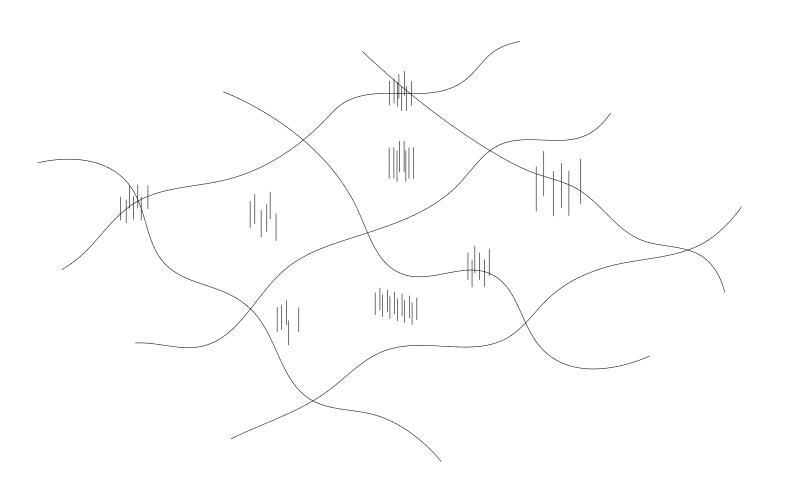
Andrea Palladio Villa Foscari/ 'La Malcontenta' 1557

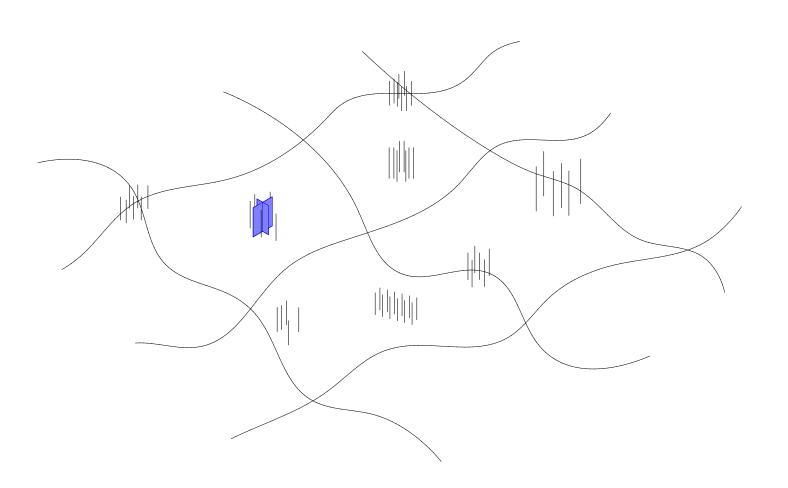


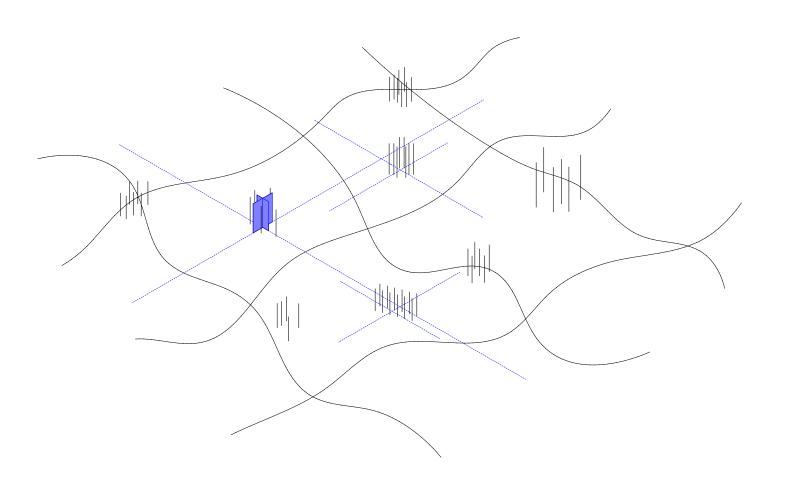




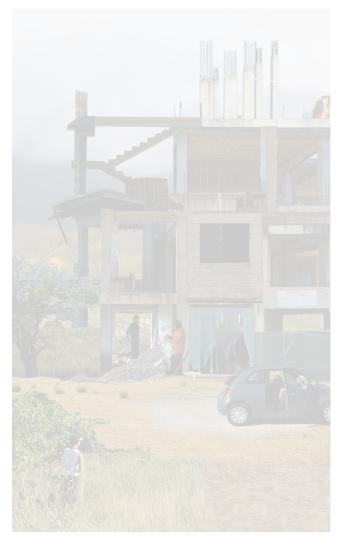








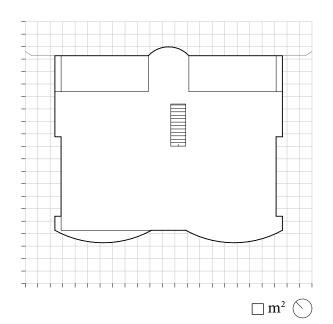
imposing an absolute order allowing for life to take root again

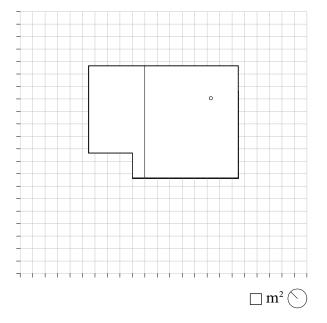


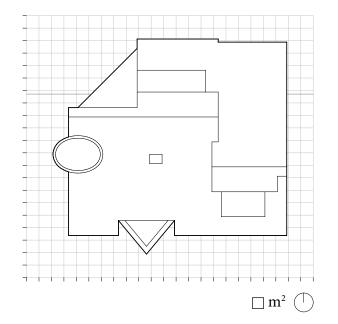




03 // application













39°05'N/16°17'E



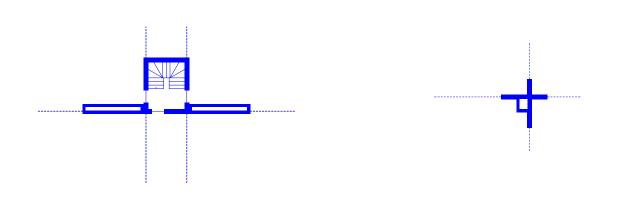
40°51'N/15°32'E

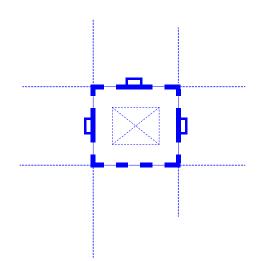


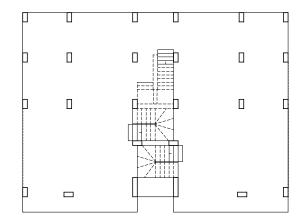


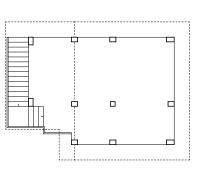
40°51'N/15° 3'E

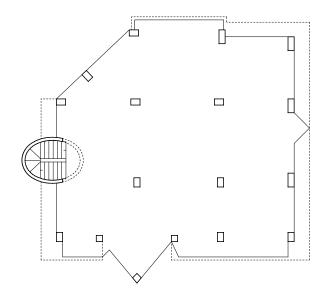
## order

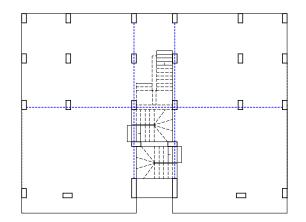


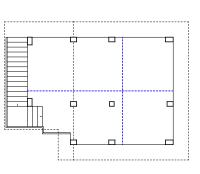


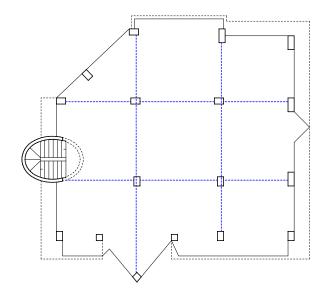


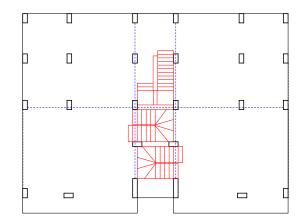


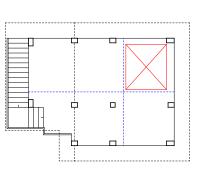


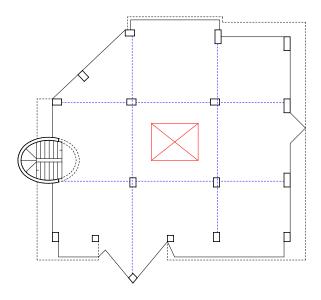


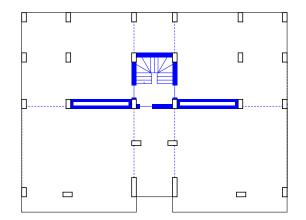


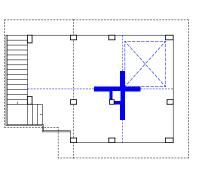


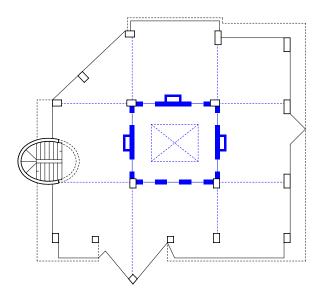


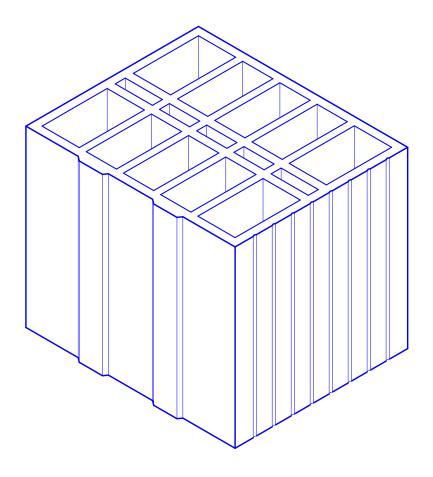


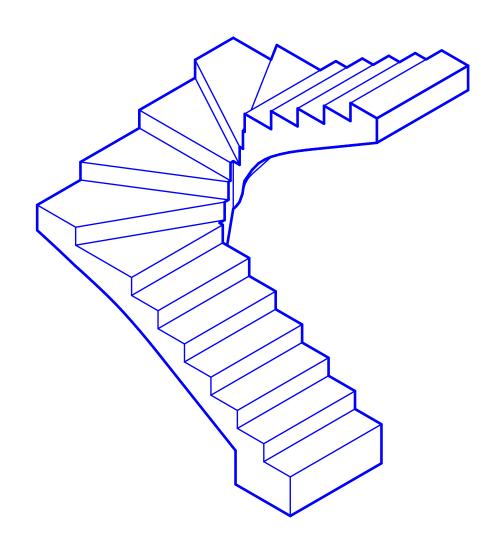


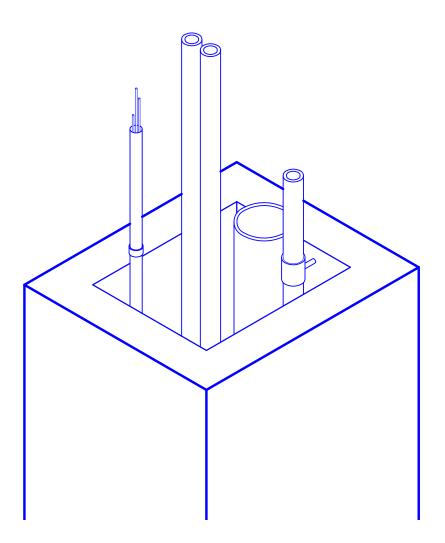


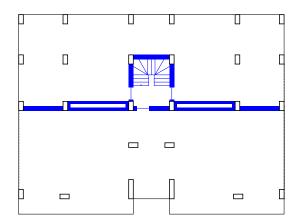


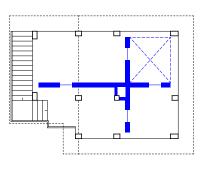


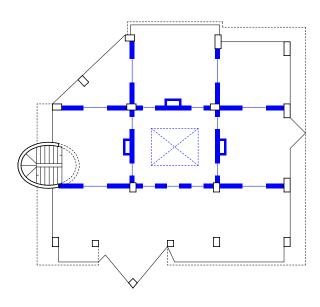




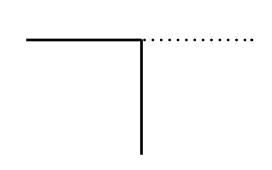


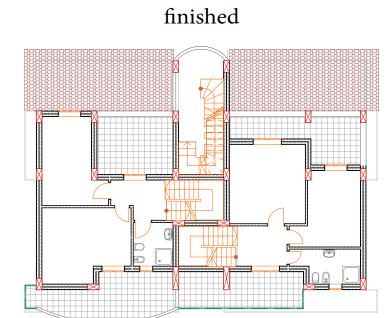




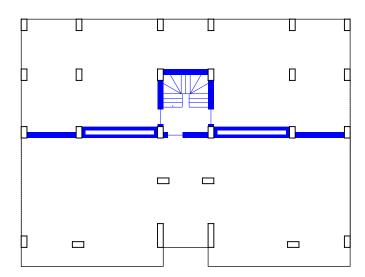


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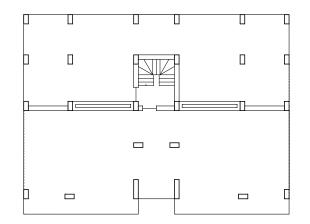


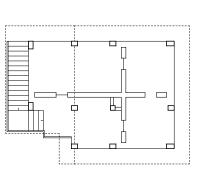
latent villa

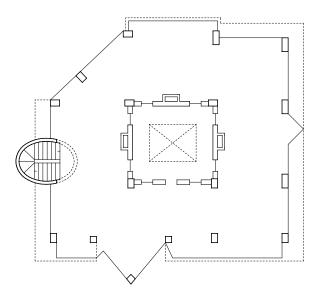


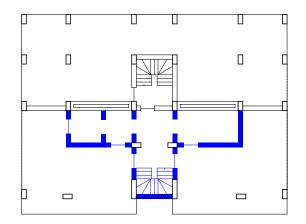


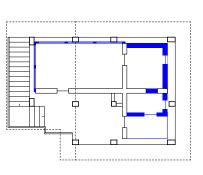
adaptation

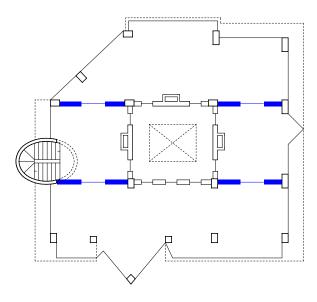


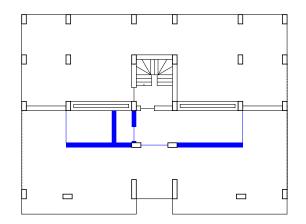


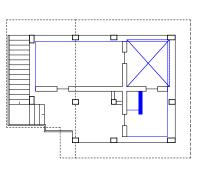


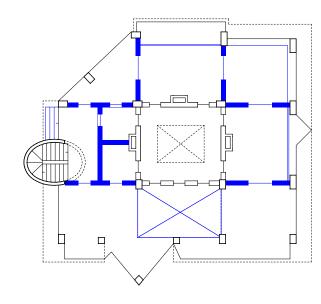




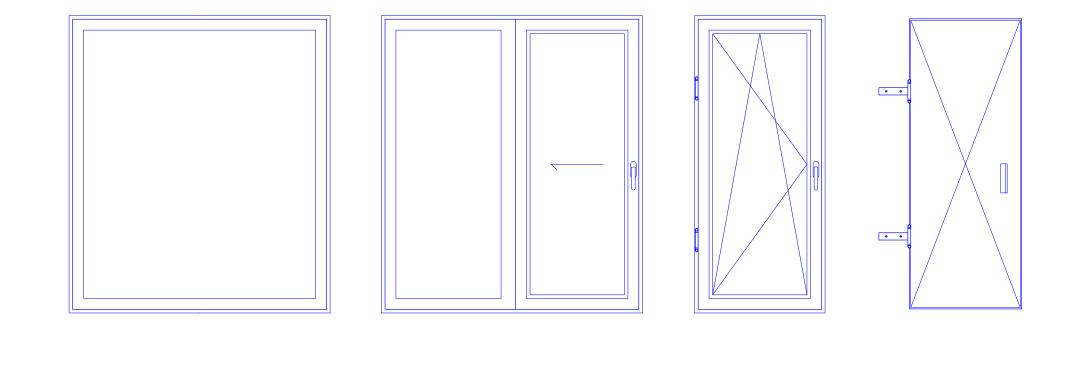




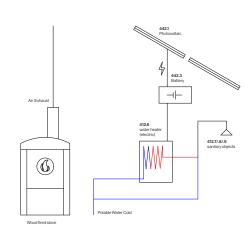


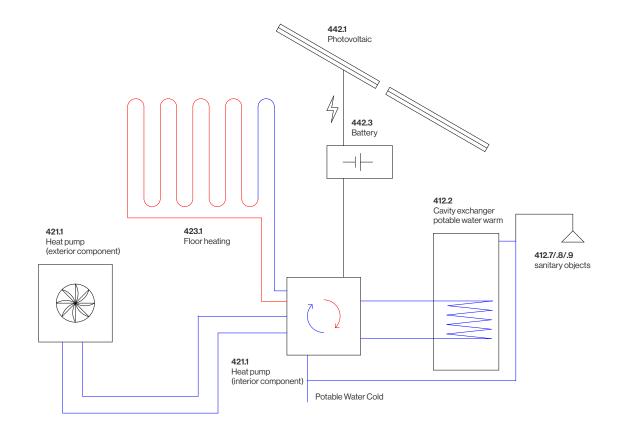


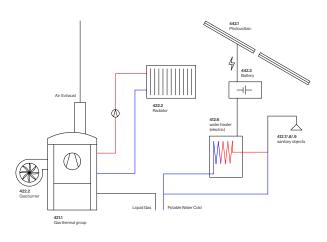
## different configurations

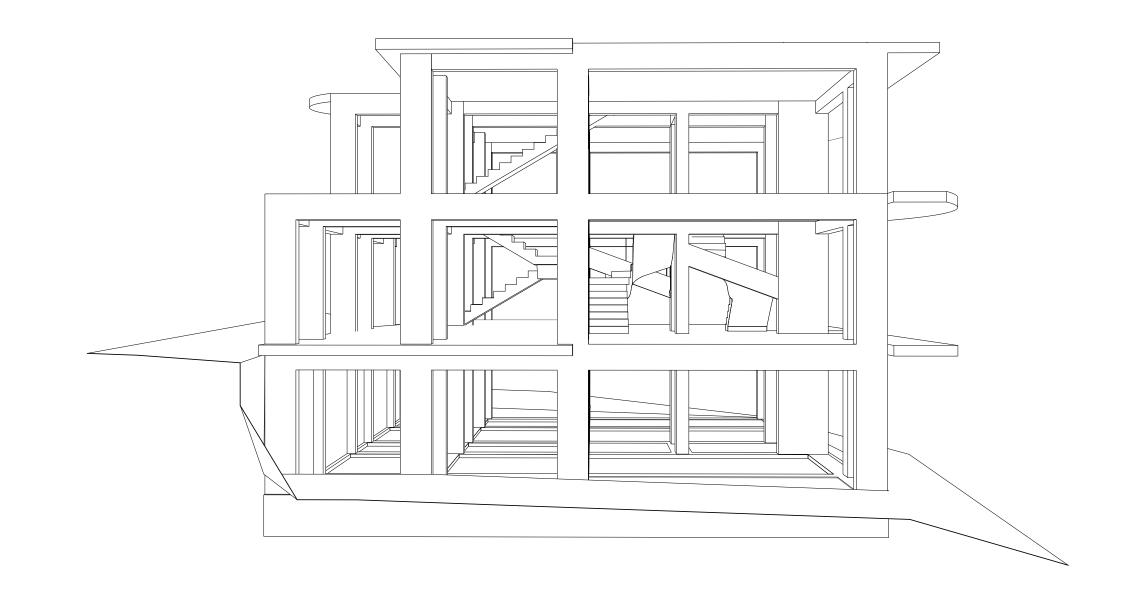


## and standards

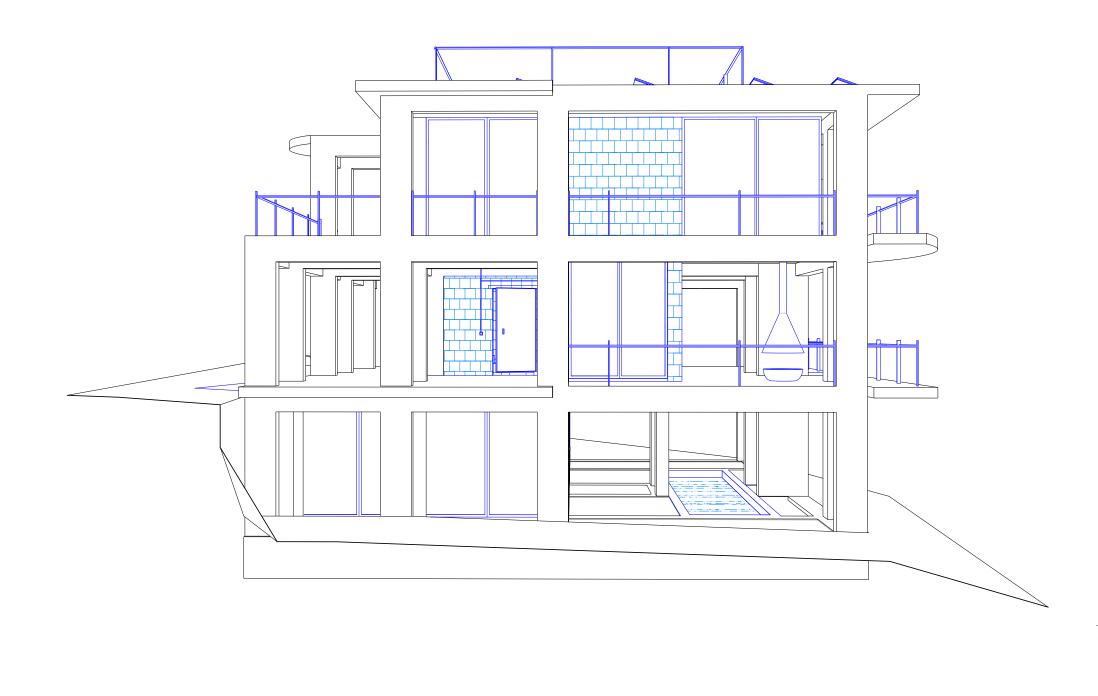


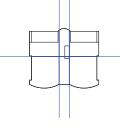


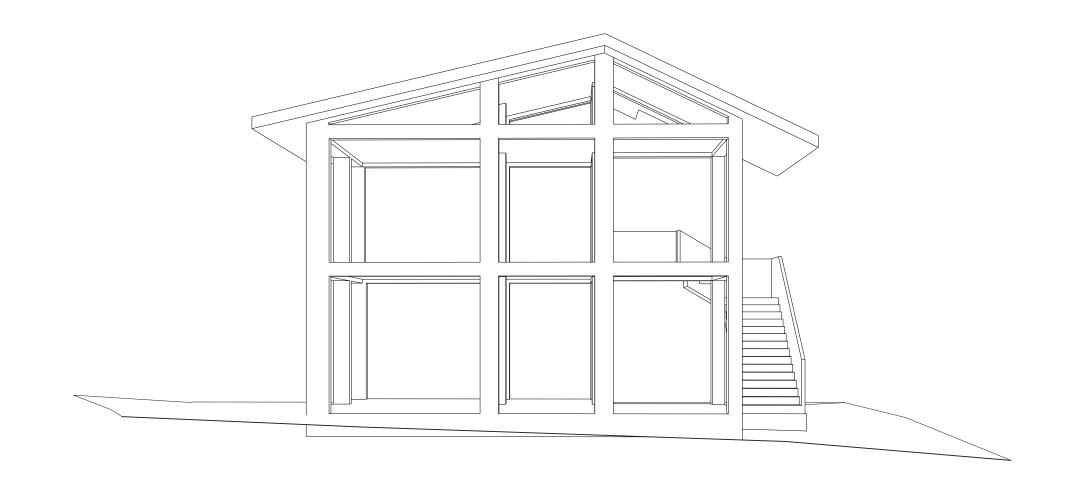




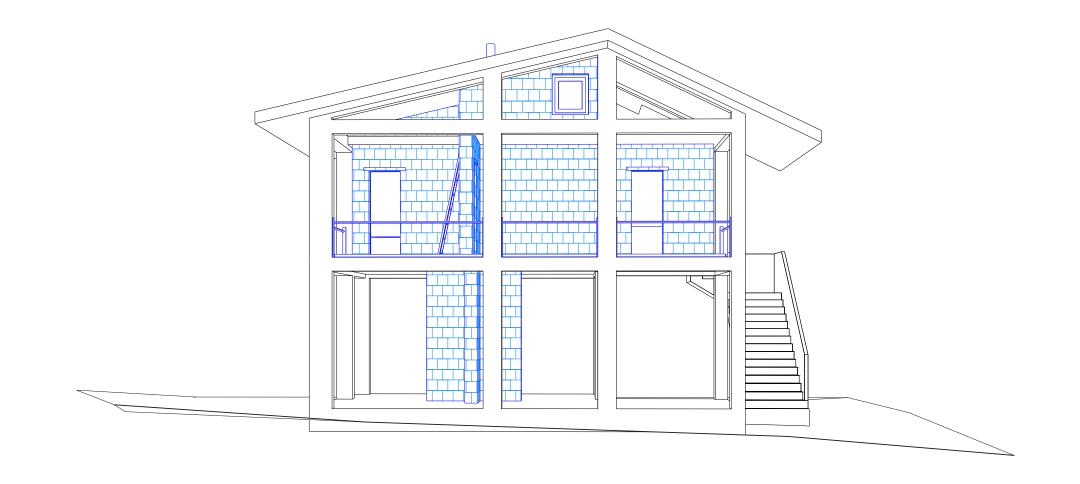


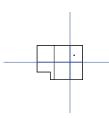


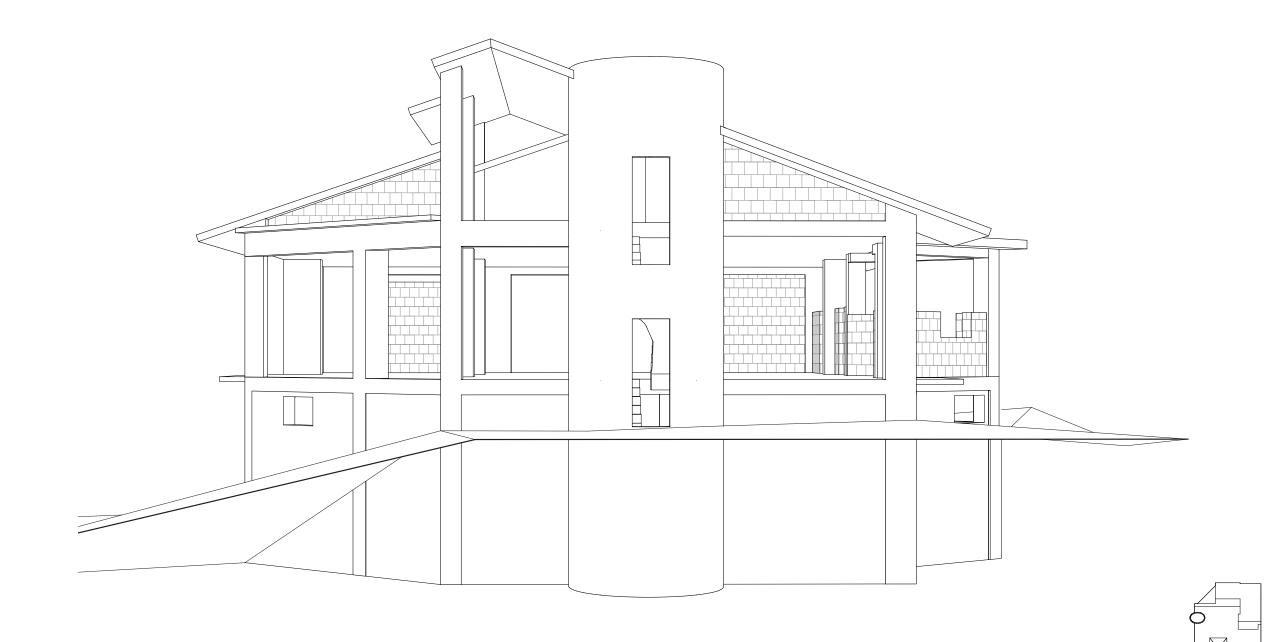


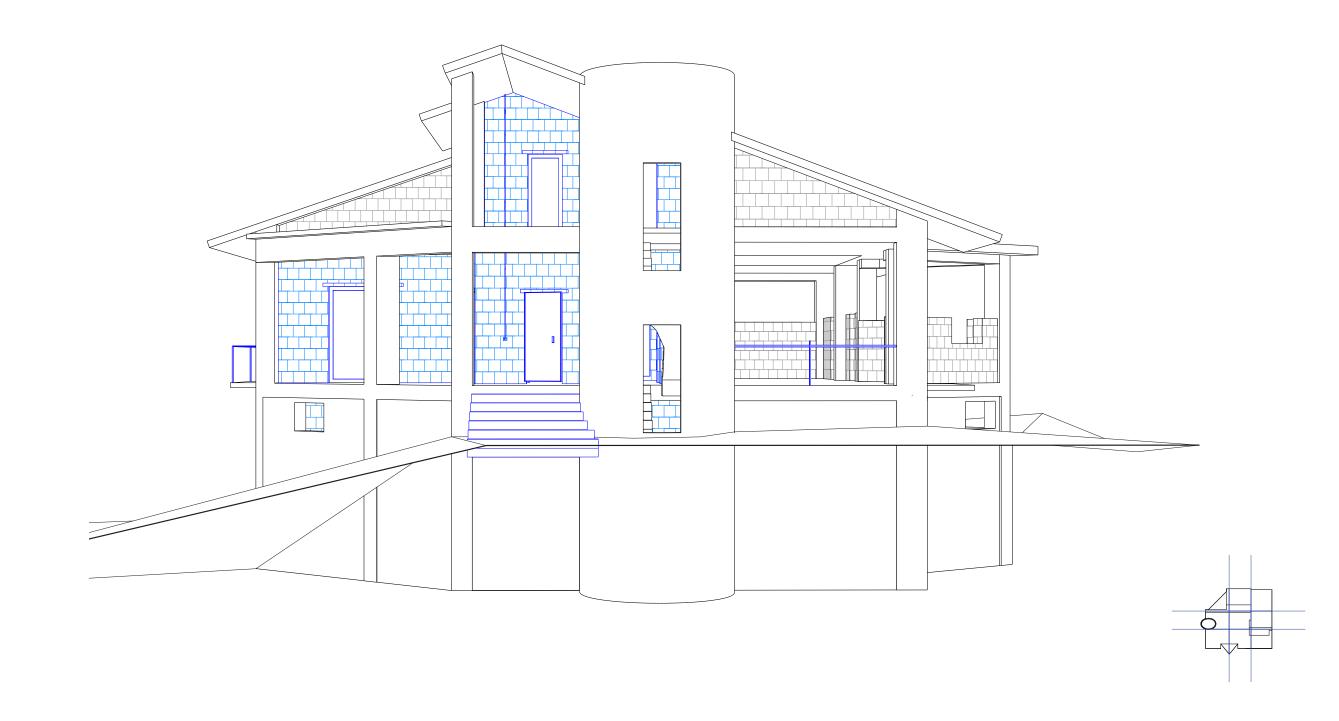




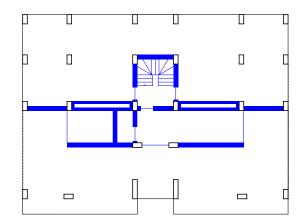


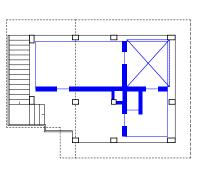


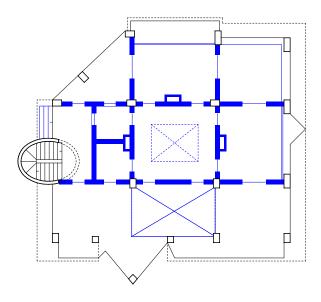


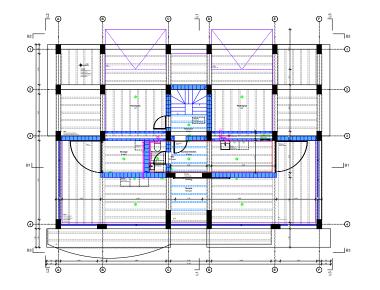


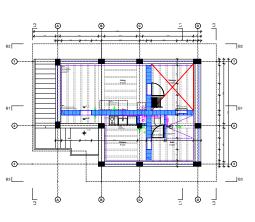
execution

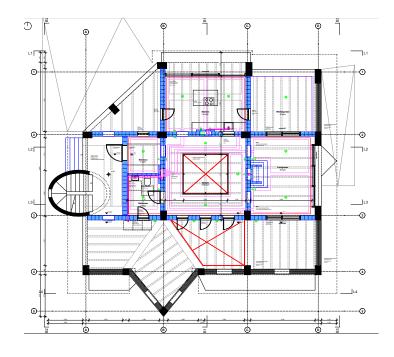


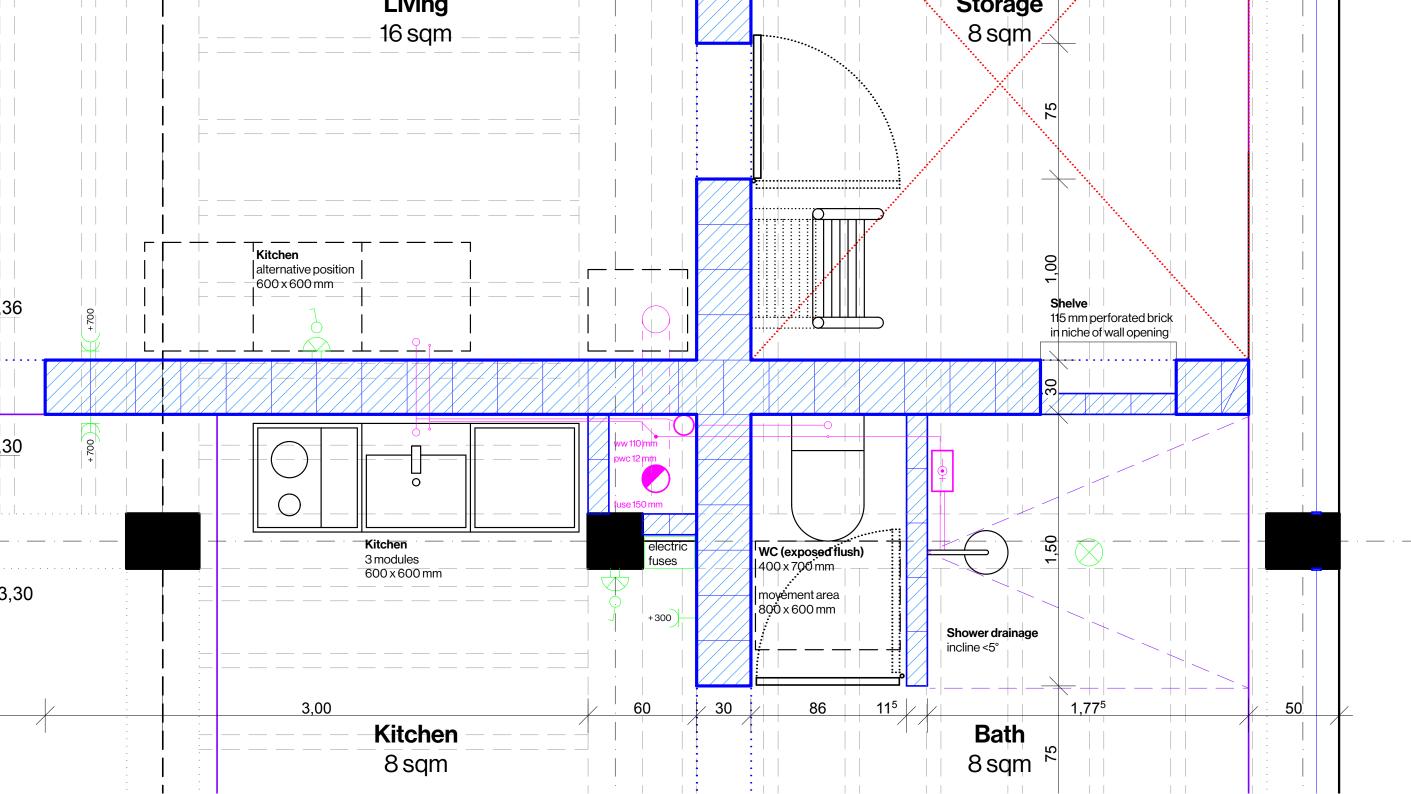


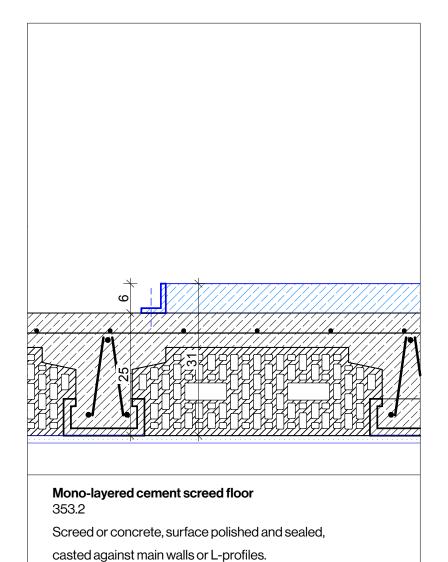


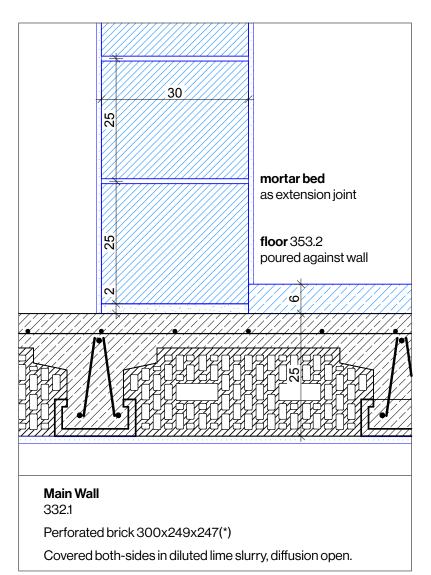


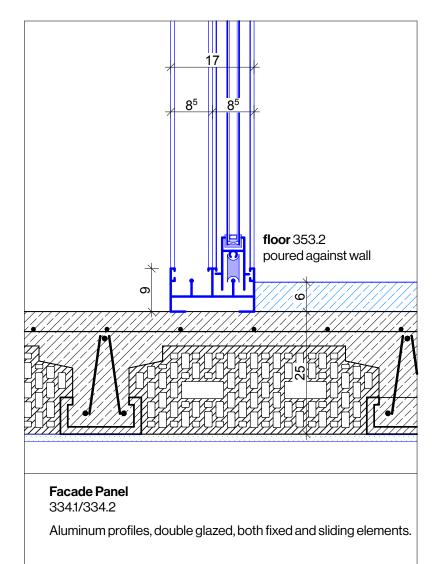












building component

#### additional information

limitations/included steps/ components

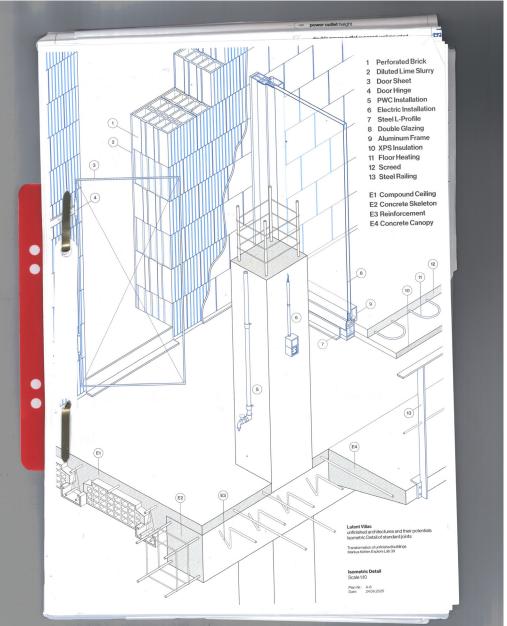
Code DIN 276	Position	Measure	Product price in €	Per Unit	Incl. constr. + profits in €	Per unit	Description	Code in Prezzario
300	Construction							
330	Walls							
332	Non structural walls							
332.1	Perforated brick	30 cm	61,98	m²	79,77	m²	Brick blocks, no load bearing function, incl. mortar, compressive strength > 5 N/mm <sup>2</sup>	CAM25_E08.020.025.D

internal classification

relevant specs
measures/product price/construction costs

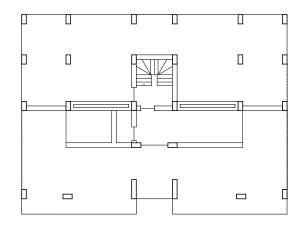
external classification

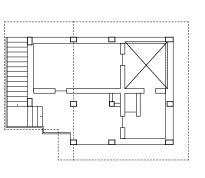
Code DIN 276	Position	Measure	Product price in €	Per Unit	Incl. constr. + profits in €	Per unit	Description	Code in Prezzario	Amount	Unit	Material Price in €	Total Price in €
300	Construction											
330	Walls											
332	Non structural walls											
332.1	Perforated brick	30 cm	61,98	m²	79,77	m²	Brick blocks, no load bearing function, incl. mortar, compressive strength > 5 N/mm <sup>2</sup>	CAM25_E08.020.025.D	310	m <sup>2</sup>	19.213,8	24.728,7
332.2	Perforated brick	11,5 - 13 cm	41,25	m²	53,09	m²	Brick blocks, no load bearing function, incl. mortar, compressive strength > 5 N/mm <sup>2</sup>	CAM25_E08.020.025.B		m <sup>2</sup>	0	0
332.3	Stainless steel railing	4 mm (thickness)	17,4	m	30	m	estimation on base of material prices, 4 mm stainless steel AISI 316, 3.2 mm		58	m	1.009,2	1.740
334	Wall openings											
334.1	Façade fixed	Min. 1,5 m <sup>2</sup> accountable	367,9	m <sup>2</sup>	473,49	m <sup>2</sup>	Fixed frame window frame, extruded aluminum, color white, double glazing, RW = 36 dB, UW ≤ 2,60 W/m <sup>2K</sup>	CAM25_E18.080.011.A	16	m <sup>2</sup>	5.886,4	7.575,84
334.1'	Façade sliding element	Min. 1,5 m <sup>2</sup> accountable	700,18	m²	901,13	m²	Iteration of 334.1: Tilt and slide - coplanar iteration	CAM25_E18.080.011.D	18	m²	12.603,24	16.220,34
334.2	Window	Min. 1,5 m <sup>2</sup> accountable	696,56	m <sup>2</sup>	952,75	m²	Single wing window frame, extruded aluminum, color white, hinged, double glazing, Rw = 36 dB, UW $\leq$ 1.30 W/m <sup>2K</sup>	CAM25_E18.080.013.B	28	m²	19.503,68	26.677
334.2'	Sliding door	Min. 1,5 m <sup>2</sup> accountable	1.054,86	m²	1.417,95	m²	Iteration of 334.2: Lift-and-slide window frame with 2 wings	CAM25_E18.080.013.E	6	m²	6.329,16	8.507,7
334.3	Entrance door	4,5 cm (thickness)	411,71	m <sup>2</sup>	575,44	m <sup>2</sup>	External entrance door in pine wood, frames of any span, safety lock with 3 or more turns, keys, bolt, knob and handle	CAM25_E18.010.010	2	m <sup>2</sup>	823,42	1.150,88
334.4	Room doors		180	рс	220,00	рс	Estimation on base of an offer by a German firm for hinged metal sheet, folded, non thermal		9	рс	1.620	1.980
335	Wall coverings											
335.1	Preparation				10,46	m <sup>2</sup>	Filling and smoothing of plasters with emulsion stucco, preparation for painting and covering	CAM25_E21.010.005.A	790		0	8.263,4
335.2	Diluted Lime Slurry		0,16	m²	3,84	m <sup>2</sup>	Diluted lime painting, white, on walls, ceilings and vaults including priming with lime milk	CAM25_E21.020.010.A	790		126,4	3.033,6
350	Ceilings											
353	Floor (above)											
353.2	Cement mortar screed	> 3 cm	3,74	m²	17,30	m <sup>2</sup>	Cement mortar screed with 400 kg of cement with a thickness of no less than 3 cm for laying flooring, laid well rammed and levelled	CAM25_E07.010.010.A	215		804,1	3.719,5

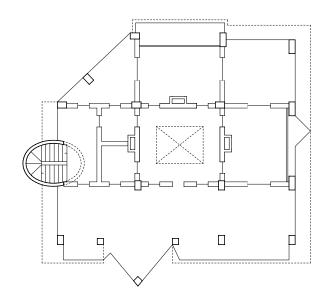


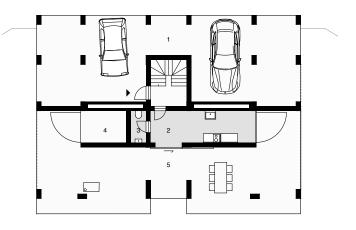


guided tour

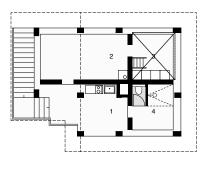






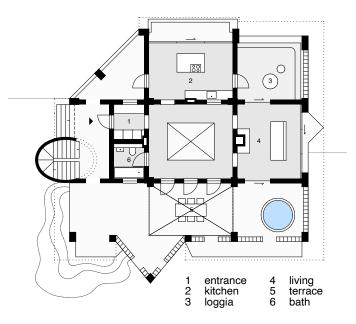


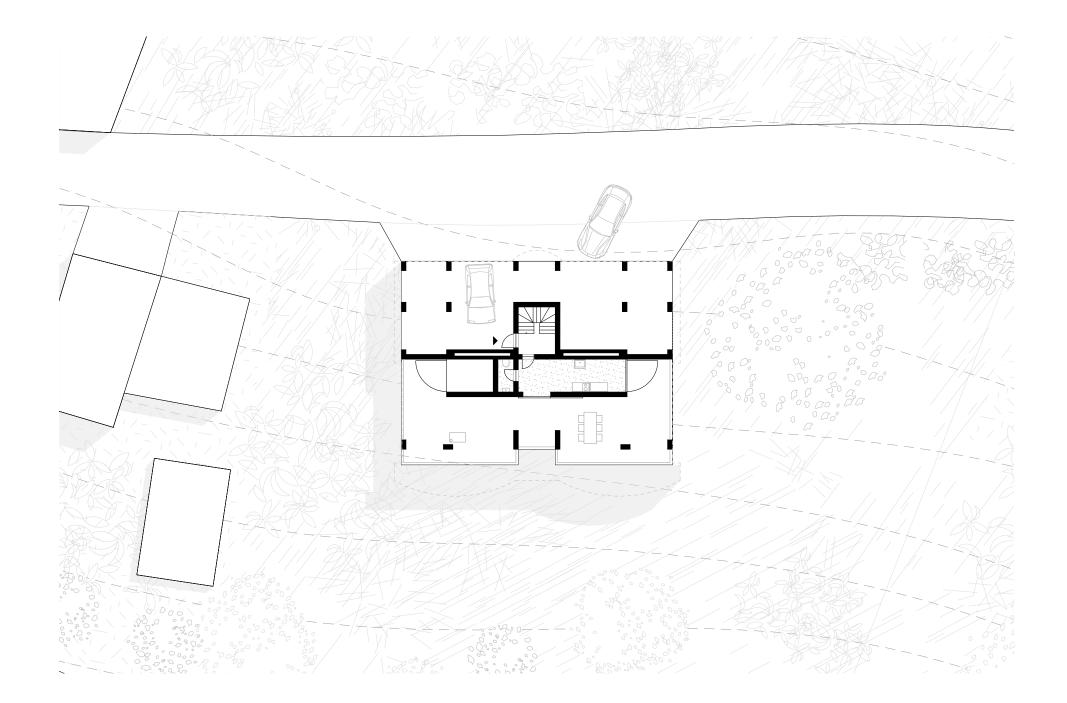
1 parking lot 4 storage 2 kitchen 5 terrace 3 bath





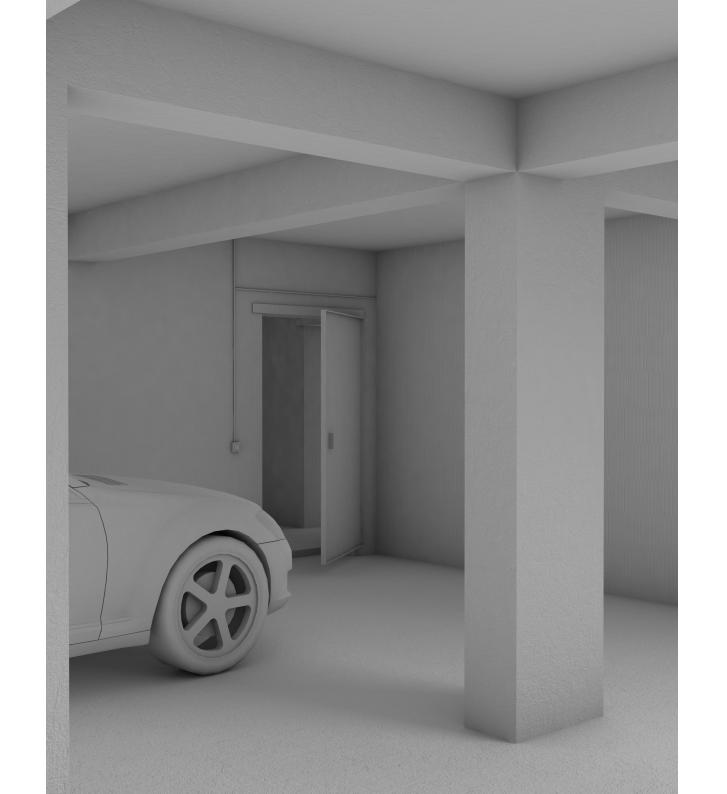
1 kitchen 2 living 3 storage 4 bath

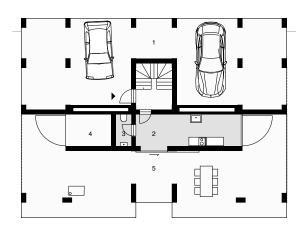




## married couple

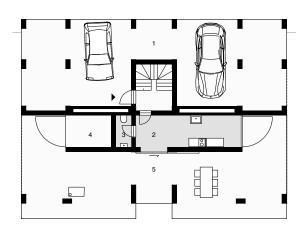
a house for them is a representative of success, a life-long dream and the setting for their golden days.





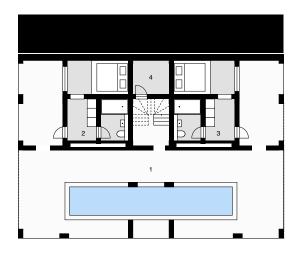
1 parking lot 4 storage 2 kitchen 5 terrace 3 bath



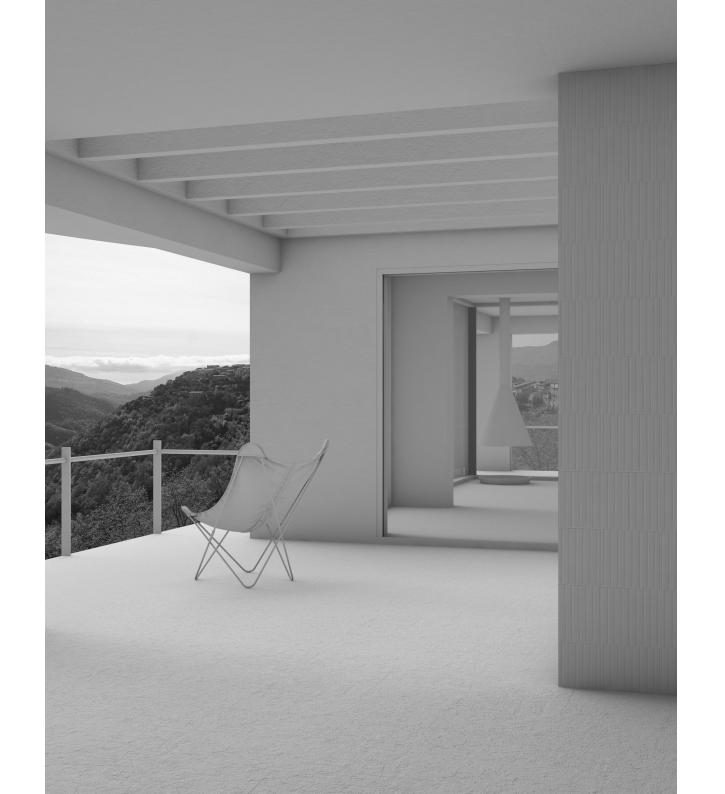


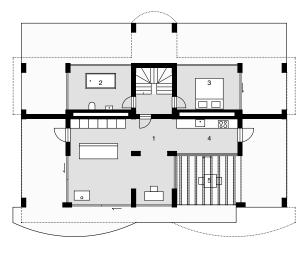
1 parking lot 4 storage 2 kitchen 5 terrace 3 bath





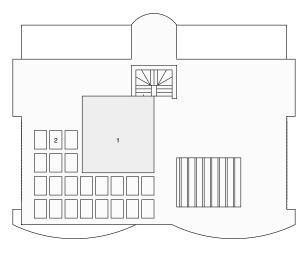
1 pool area 4 technic 2 guest 1 3 guest 2





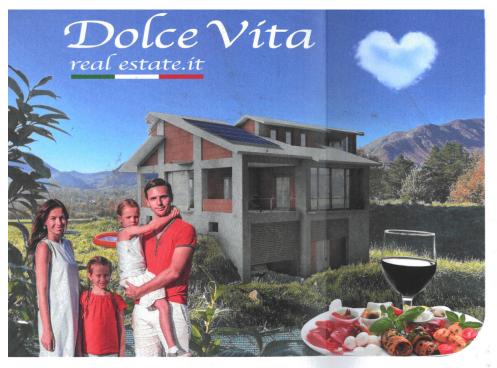
- 1 living2 bath3 bedroom
- 4 kitchen 5 pergola





1 sun deck 2 photovoltaic

promotion







design proposal and price offer



execution planning and construction



hand over ready to move in

# Dream of returning to the land of your roots?

We develop extra-ordinary spaces for your new beginning in the south of Italy.



transparent guidance



easy to build with local materials



affordable construction

As experts in the transformation of existing concrete skeletons we realize their potentials towards your dream villa.



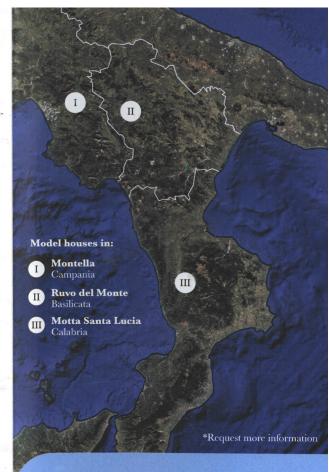
**existing** concrete skeleton



**activated** through order



**adapted** to your wishes

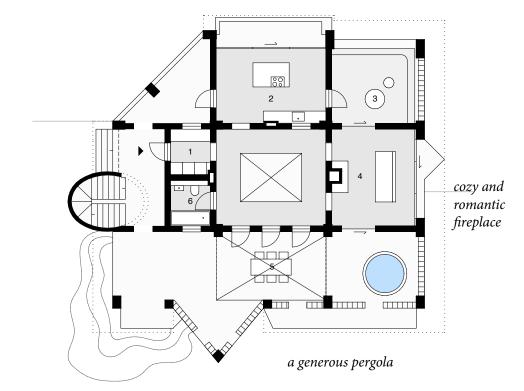


get in touch with us now:

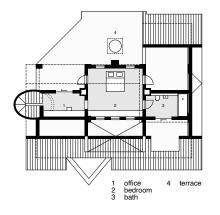




#### ... to unfold and make your house your home...



... for the two of you in a private master bedroom,

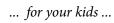


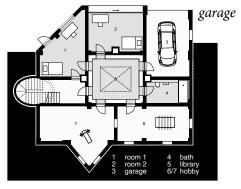
with whirlpool, closet and terrace

## 'fit to your dreams'

a house for a modern life style, with space for yourself and the whole family



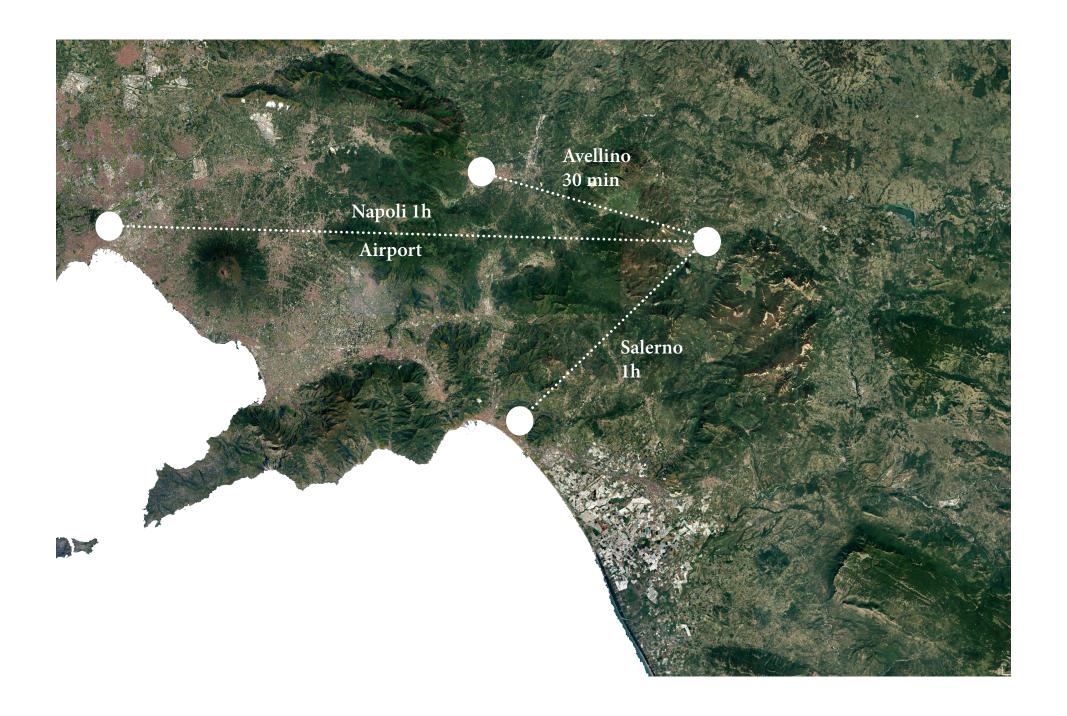




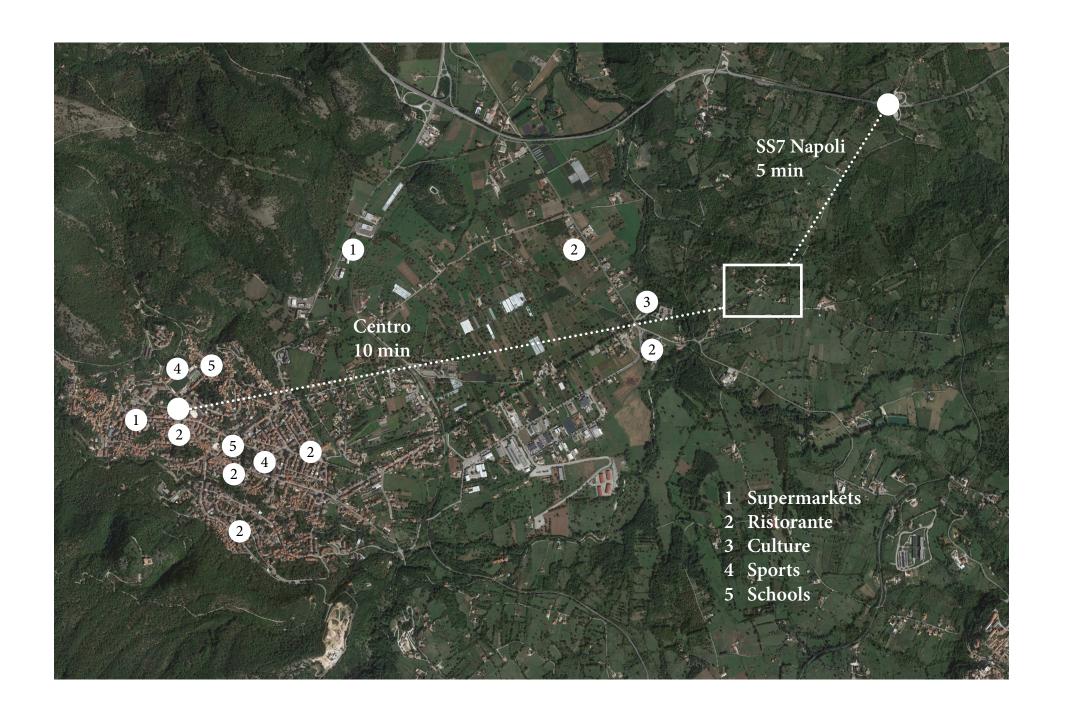
... and your hobbies.













# beautiful views













### 'The way towards your villa'

from the first conception to handing over the keys our team will take care of it all.



Luxurious property for sale in Motta Santa Lucia, Catanzaro



#### Life is good...

Spend your days outside, The raw materials underan enjoy the conveni- line this aesthetics and allow ences of a luxurious house for an irresistibly low price. that adapts to the seasons.

comfortable bungalow, while it extends to the two lower floors in summer. With generous terraces, a pool area and 2 guest rooms the house offers plenty place for the whole family to come over.

Concepted as a villa in the hills each of the three levels offers an unique experience of the landscape and

... when you're at the pool. builds up a realm of privacy.

#### Fit to your dreams: In winter life takes place in a equipped with luxury furnishing on request

570 m<sup>2</sup> interior 160 m<sup>2</sup>

technical equipment gas heating, radiators, PV

130.000 € \*excluding existing structure and taxes



A simple life...

... might be the highest good. Cherish the beauty of If you ever felt sick of your land and the taste of the fast moving world the fruits it gifts! Move to around you - this is for you. Ruvo and discover yourself.

personal retreat, your hideaway, your sanctuary, a place in tranquility with everything you need - and nothing more. Simple and small but spatious, with rooms limited by the horizon only.

Here your life is directed by nature and the seasons. Work only to sustain yourself and find piece at the warming bonfire.

17.000 € \*

More is less! A house for those who have seen it all.

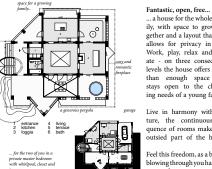
A house just for you: Your Special offer: price for self-builders only 8.900 € \*

115 m<sup>2</sup> surface interior 11 m<sup>2</sup> hedrooms bathrooms heating/ cooling Wood fired stove, PV 17.000 €

\*excluding existing structure and taxes



Spatious, 3 storey family villa for sale in Montella, Avellino



... a house for the whole fam-

ily, with space to grow together and a layout that also allows for privacy in two. Work, play, relax and create - on three consecutive levels the house offers more Magnolia. than enough space and stays open to the changing needs of a young family.

Live in harmony with nature, the continuous sequence of rooms makes the outsied part of the house.

Feel this freedom, as a breeze blowing through you hair, the warm afternoon sun on your

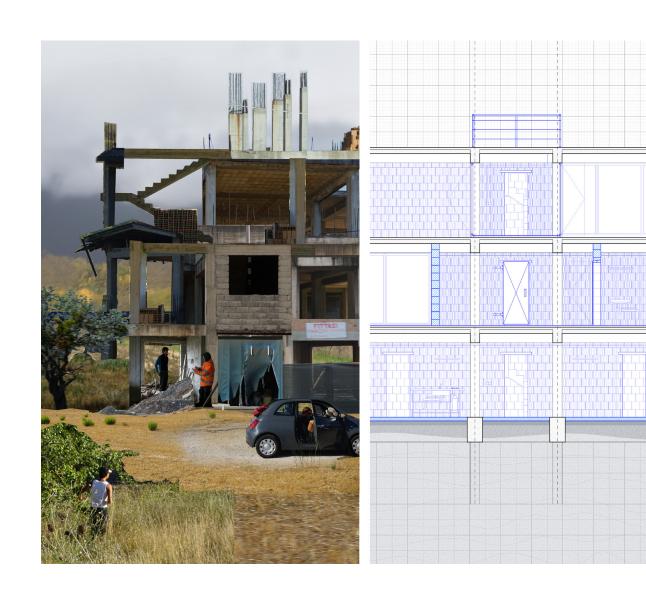
skin or the taste of a good glas of wine on your lips. In this comfortable house you have time and space for the things you really like to do. This is your new home,

surface  $560\ m^{\scriptscriptstyle 2}$ nterior 215 m<sup>2</sup> edrooms heating/ cooling heat pump, PV, floor heating 144.000 €

\*excluding existing structure and taxes

köhler - explore lab 39 markus köhler - explore lab 39

- explore lab 39





thank you