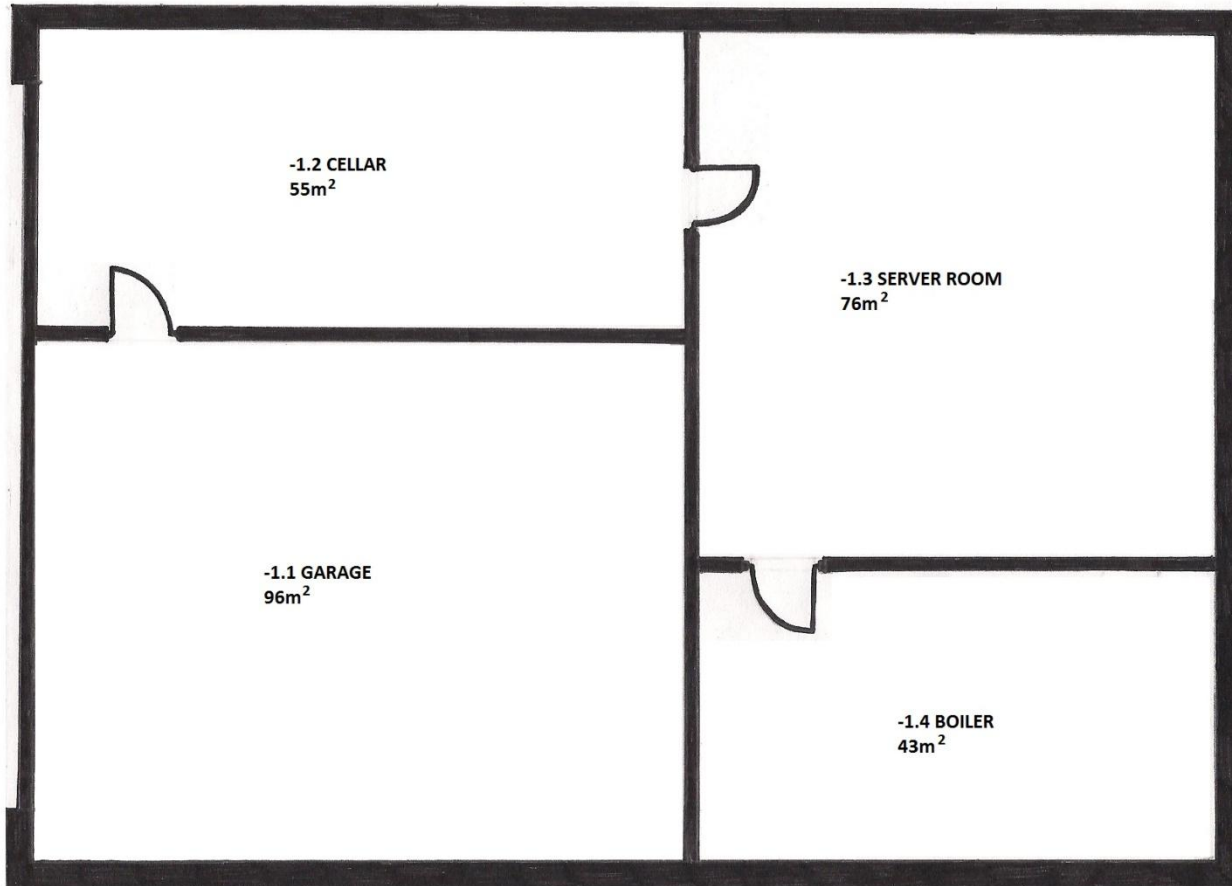


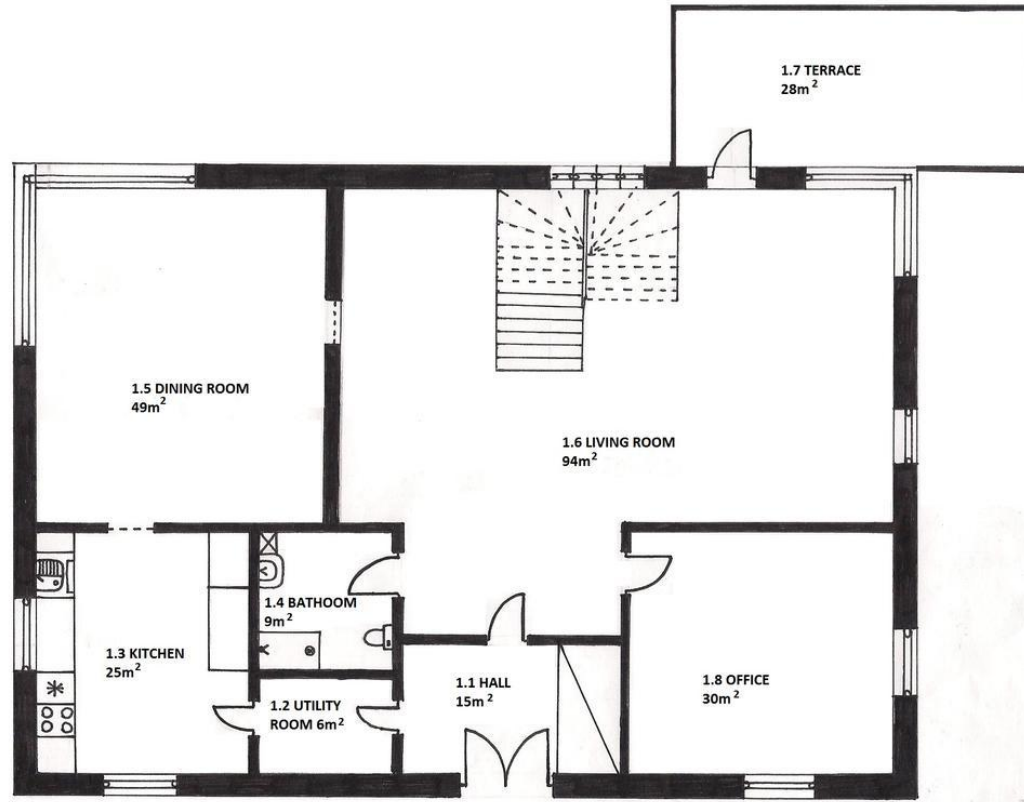


WELCOME TO A SMART HOUSE



UNDERGROUND FLOOR

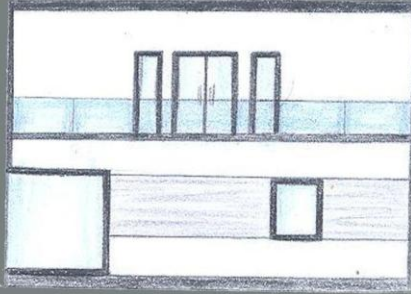




GROUND FLOOR ROOM

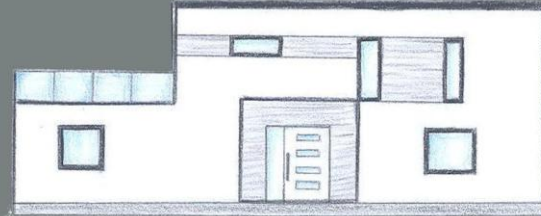


ELEVATION



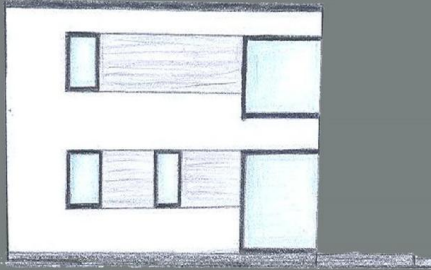
SOUTH ELEVATION
scale 1:100

ELEVATION



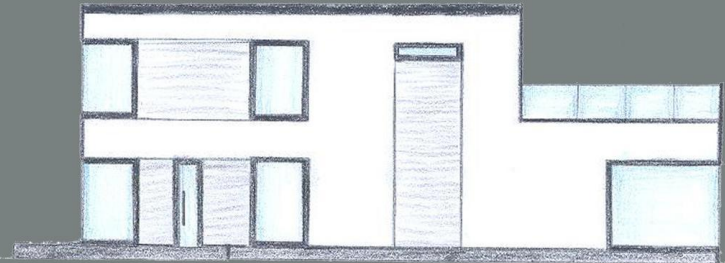
EAST ELEVATION
scale 1:100

ELEVATION



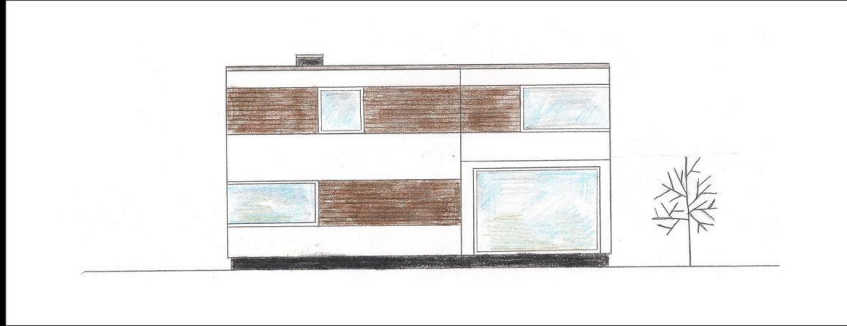
THE NORTHERN ELEVATION
scale 1:100

ELEVATION



WEST ELEVATION
scale 1:100

SMART HOUSE



SOUTH ELEVATION

SKALA 1:100

SMART HOUSE



NORTH ELEVATION

SKALA 1:100

SMART HOUSE



EAST ELEVATION

SKALA 1:100

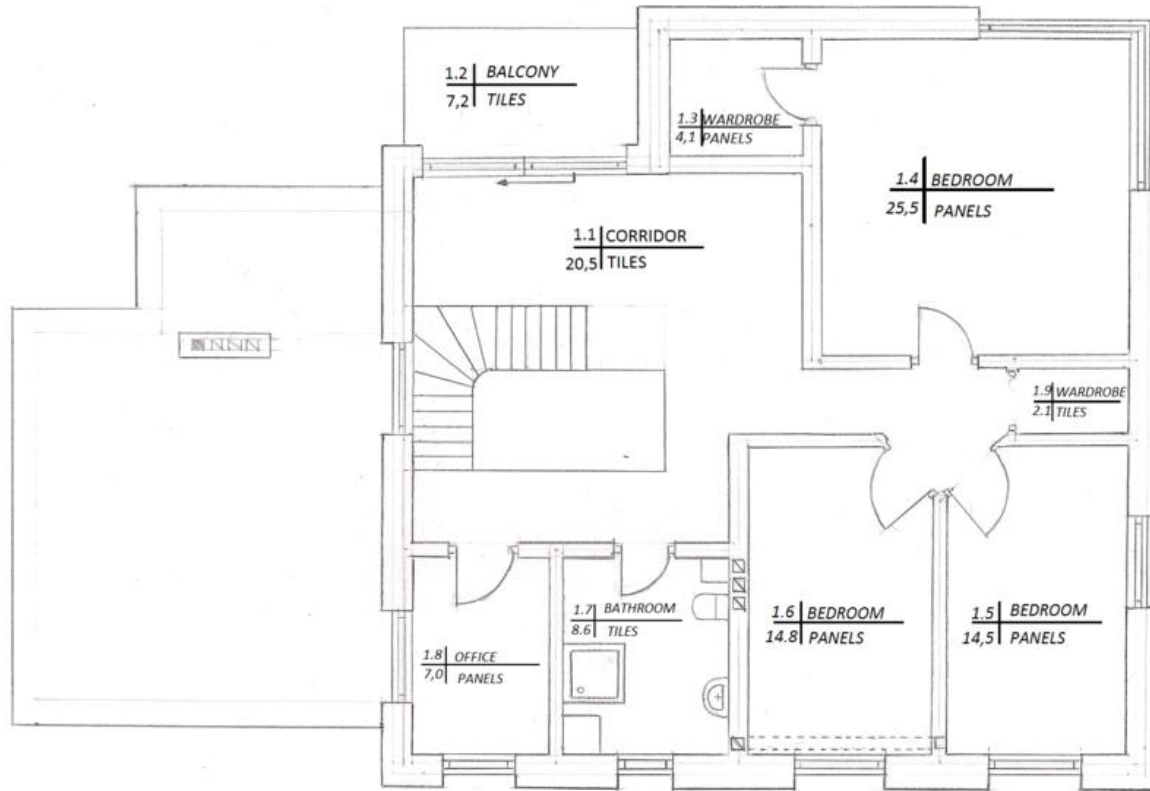
SMART HOUSE



WEST ELEVATION

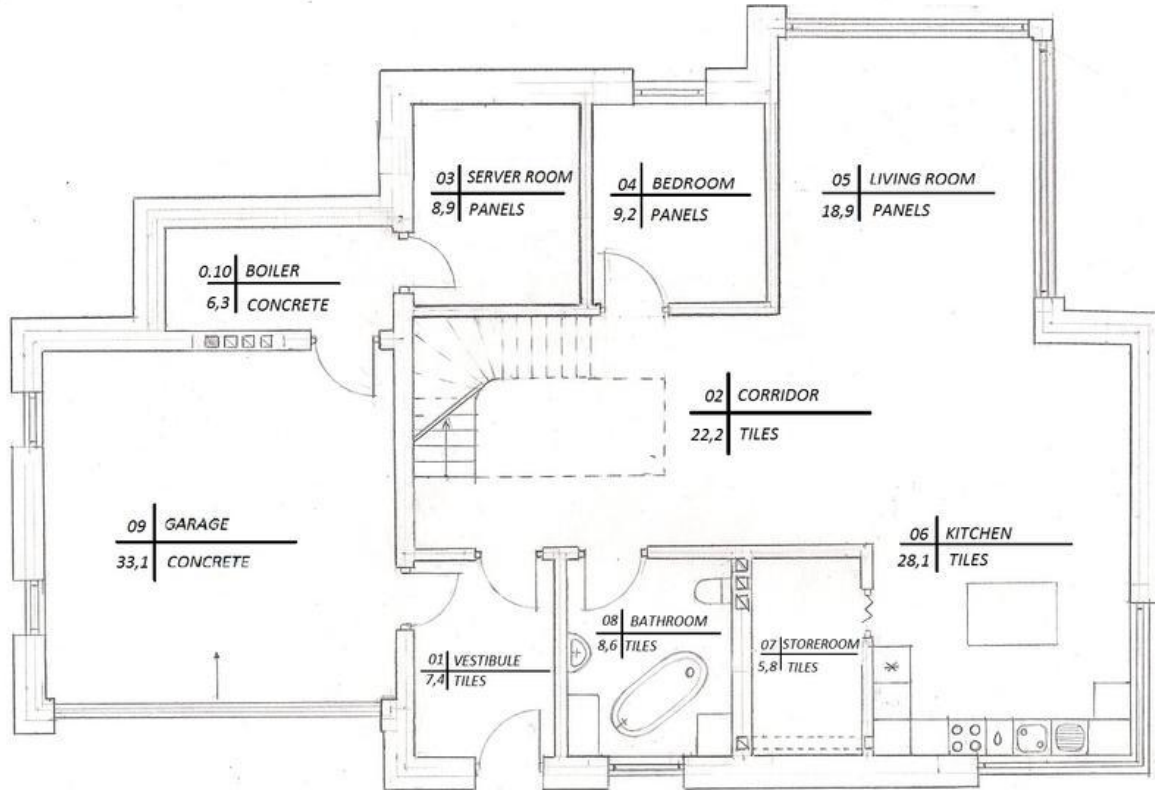
SKALA 1:100

SMART HOUSE




FIRST FLOOR
SCALE 1:100

SMART HOUSE



GROUND FLOOR
SCALE 1:100




Everything from boiling a kettle to heating up dinner can be activated by a phone call. Every home is equipped with a 9in by 12in “house brain” -a computer hidden in a cupboard- which controls most of the household gadgetry.

Hundreds of metres of cabling have been used to wire up every part of the house. On the way home from work, owners will be able to telephone their house to ask the central computer to switch on the heating, turn up the lights and draw the curtains. They can even instruct the computer to switch on the kettle or start heating up dinner in the microwave.

After calling the house, the owner keys a numeric code into the phone. Different codes set the computer to carry out different tasks.



Every room is equipped with a special socket where anything from television aerials, phones, speakers and computers can be plugged in. Up to 16 TVs can be operating at any one time and all can broadcast satellite or video shows simultaneously, unlike conventional systems.



Your television will immediately flash up an image from outside the front door or wherever the camera is pointing, the second there is any movement. People can watch the baby upstairs on the monitor in the garage allowing them to wash the car outside with peace of mind.

This property ranges from a €75,000 apartment to a €350,000 five-bedroom detached house.

The “smart house” concept follows the extraordinarily high-tech £26 million home created by Microsoft boss Bill Gates in the USA.

A closed circuit television is also available in every room, if required by the buyer. Parents will be able to keep a watchful eye on children as they sleep or play upstairs or see who is at the door.



The home is composed of two distinct volumes, creatively offset to create four working levels. Glass and metal cladding give the upper cantilever environment an industrial appeal that speaks to the client's interests and personality.

Perhaps most fascinating of all is how the substantial cantilever volume seems so weightlessly perched atop walls of glass.

The window placement isn't just aesthetic, but carefully planned to take advantage of the surroundings. The northeast portions are closed off to shield the interior from neighbors, with panels above to catch the sunrise. The southwest edges of the home remain completely open to the picturesque landscape.



One of the few “must have” provisions from the client, the pitched flat roof, creates a dynamic and energetic profile from every angle thanks to its cutting modern lines.

While the top structure is clad in pre-weathered titanium zinc, the bottom portion maintains a low profile with dark finished concrete and matching garage doors.

From this angle, the cantilever seems even more substantial. It extends a full seven meters from the walls below it – a feature the engineer client surely appreciates.



The interior reveals a more nuanced exploration of the client's personality. Extreme attention to detail brings life to each fixture and feature, and the technological solutions bring life to the structure itself.

Red leather, characteristic concrete, and granite floors make up the primary materials used throughout.

Lighting fixtures and other metallic details reflect the client's background in metalworking.

Those gorgeous Revox speakers (outfitted with red leather) are part of the smart home system. Music is controlled by a phone or tablet, and available just about anywhere in the home thanks to recessed speakers in the ceilings throughout.



While the main vehicle collection lives downstairs, this favorite piece stands like a proud sculpture for guests to appreciate from any of the open social areas like the living room, the kitchen, or even the pool.



Here's a peek at the rustic and traditional dining room theme, a comfortable and intimate affair complete with an even more comfortable selection of wine.

The main hallways wrap around the border of the home rather than cutting straight through the center, likely to allow a more fluid connection with the outdoors.

The window blinds automatically adjust to the outside conditions thanks to the intelligent energy-saving features implemented within the Gira building control system.



Exposed structural supports emphasize the resident's interest in engineering while providing visitors with a fascinating insight into the architectural principals that allow buildings as inspiring as this one to exist.



A panel controls
everything
in the house





The Smart World Series

SiliconANGLE <http://siliconangle.co>

HIGH TECH KITCHEN



The kitchen remains simple and utilitarian compared to the rest of the home. But this view does reveal a hint at the tech-centric nature of the home: the touch screen panel to the right controls the Gira system, which can adjust the window shades, temperature, media playback, security, and so much more.

Of course, it's hard to let this space pass by without mentioning the convenient position to appreciate the backyard and pool deck while preparing meals.



Soaking up that gorgeous view, a freestanding tub offers more than just a place to get clean but also a place to cleanse the soul. The landscape below is protected by zoning laws to ensure the outlook remains just as breathtaking in the future.

A convenient storage cabinet serves as a divider in the bathroom. It also houses touch controls to integrate with the Gira system to adjust room temperature, raise or lower the shades, play music – just in case the resident forgot to bring a phone.



One of the 4 Bedrooms



The detail of the home architecture and the serenity of the surrounding environment surely offer the resident endless opportunities to reflect on the contrasts and interactions between technology and nature.



CHILDREN 'S BATHROOM

The electronic system is unique. For example there's a sensor in the bath. A voice warns you if you have left the bath running. If you ignore the voice, the bath turns itself off automatically. The temperature of the water is also carefully controlled.

Save water by having a shower instead of a bath and turn your shower into a beautiful stream of colour light with the new LED Colour Changing Shower Head!

Simply replace your existing shower head and when in use, it will light up and change according to the temperature of the water.

It's self-powered with the LED lights being illuminated by the force of the water running through it; absolutely NO batteries are required to run the shower head.

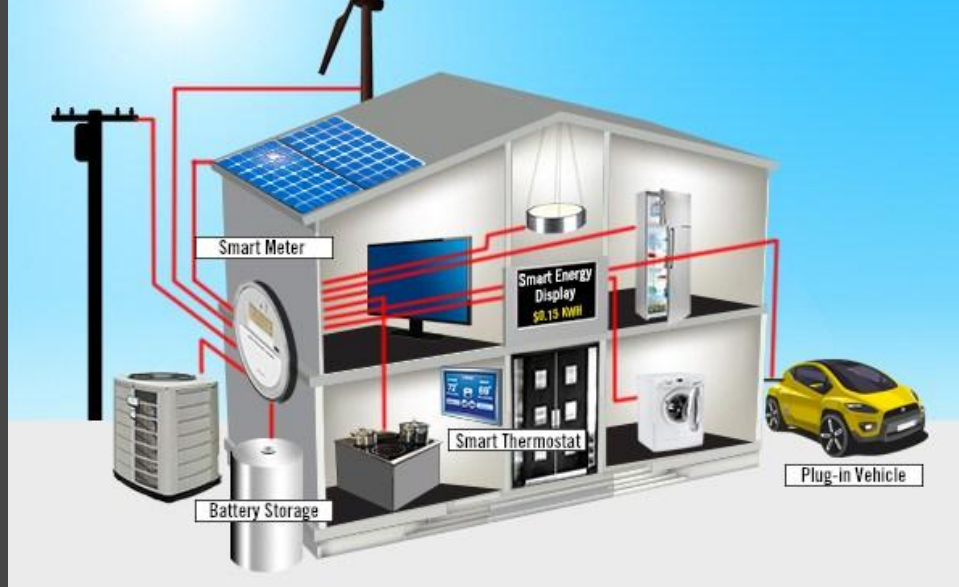


What is the installation process?

A typical solar roof mounted system for a home can be installed within 2 days once a permit is obtained from your city or county. After that, it's just 5 easy steps until you're producing power from the sun.

Take your plan set to your city or county and apply for a permit to install. The plan review process can take up to 10 days. Once the city or county approves your plans and issues your permit you may begin installing your solar system.


First, the racking and mounting system must be installed. This is the most laborious process of the solar installation process. You have to locate the rafters on your home and secure the racking system directly to them.



Once the racking and mounting system is on your roof, the solar panels and inverters can be quickly installed. The inverter(s) are then tied into the grid through a dedicated breaker in your main service panel.

When the installation is complete, your city or county inspector must sign off on it. You can accomplish this by scheduling an inspection meeting with them.

Lastly, you must send the final job card, interconnection paperwork, and your net metering agreement to your utility. They will then grant you Permission to Operate. It can take up to 4 weeks after passing inspection for your utility to provide you Permission to Operate. With our interconnection service we will process all the paperwork for you.



Our job is not over until your system is producing clean energy from the sun! We offer you support throughout the installation process with manuals, videos, and technical support.

Benefits of Going Solar

Federal government provides a 30% tax credit on all residential solar installations until 12/31/2019.

Some state & local governments as well as some utilities are also offering financial incentives to homeowners.

Investing in solar on your roof provides 6%-13% return on investment, better than most other investments today.

By going solar you'll be supporting local jobs and helping America become more energy independent.

By going solar you'll be reducing our dependence on fossil fuels and help clean up the environment for future generations.