

Holistic architecture

space is

*spiritual
emotional
vital
material*

Topic:

*How to create holistic
architecture*

Presented by:

Oldrich Hozman

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on Biological Architecture
and Sustainable Design*

*12th – 14th October 2007,
Mexico*

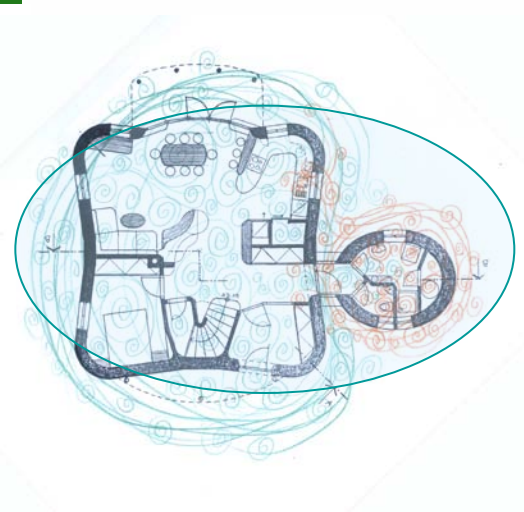
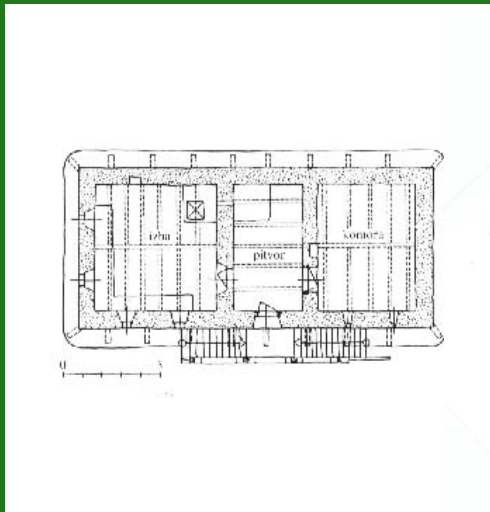
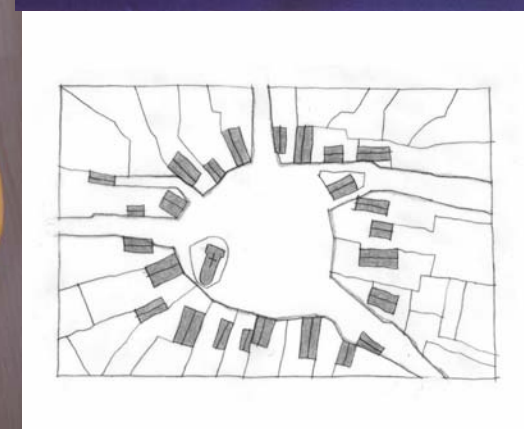
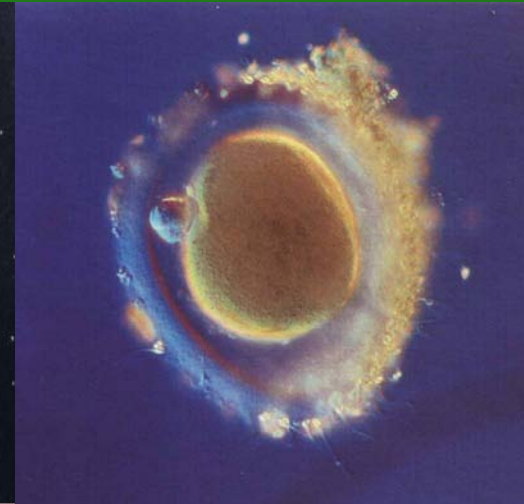


Holistic architecture

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- *wholeness of the Universe*
- *surrounding and centre*
- *the basic form is an oval*
- *covering, skin, bark, wall*
- *the life force is connected with surfaces*
- *principle of emptiness in the centre*
- *shape of the oval*
- *symmetry, axuality*



<i>Holistic architecture</i>	
<i>space is</i>	
<i>spiritual</i>	
<i>emotional</i>	
<i>vital</i>	
<i>material</i>	

- *Order of the Universe*
- *from Infinity to the material world*
- *anchored, founded on the spiritual*
- *Spiral change from world of vibration into the world of materia*

Holy environment
The spirit and soul level

Emotion of the environment
mood, emotions, feelings

Life force,
power, vitality

Physical world
Ecological materials

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Holy environment *The spirit and soul level*

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- *Geomancy*
- *ritual of sensing*
- *Meditation,
mantras, songs,
using rhythm
(poetry, dance,
singing...)*
- *to strengthen the
place*



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- *Geomancy*
- *ritual of placing foundation (corner) stone*
- *Meditation, mantras, songs, using rhythm (poetry, dance, singing...)*
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- *holy*
- *spiritual place*
- *sacred place*
- *celebration,
meditation,
mantras, songs,
using rhythm
(poetry, dance,
singing...)*
- *to strengthen the
place*



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- *the spirit*
level of material
- *work according to*
seasons or moon
rhythms in different
zodiac
- *blessing materials*
- *it influences quality*
of material
- *celebrateing*



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- *the spirit and soul level of the building*
- *celebrate*
- *it influences our behavior*
- *blessing materials*
- *work according to seasons or moon rhythms in different zodiac*



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- *Geomancy*
- *ritual of connection*
- *sacred places*
- *Meditation,
mantras, songs,
using rhythm
(poetry, dance,
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- *to strengthen the
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- *spiritual level in the landscape*
- *sacred level in nature*
- *profane and sacred environment*
- *sacred places*

Spiritual level in Prague 5 district, Czech republic

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- *spiritual level in the landscape*
- *sacred level in nature*
- *profane and sacred environment*
- *sacred places in different traditions*



Example of megalithic stone circle in Prague, Czechia

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*Example of megalithic dolmen
in Caucasus mountains in Russia*

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Romanic Rotunda in Prague, Czech republic

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Emotion of the environment *mood, emotions, feelings*

- *emotional level*
- *cultivation of beauty*
- *harmonics*
- *proper proportions and shapes*
- *rhythm and ornament*
- *sight, smell, feel, sound, taste, intuition*

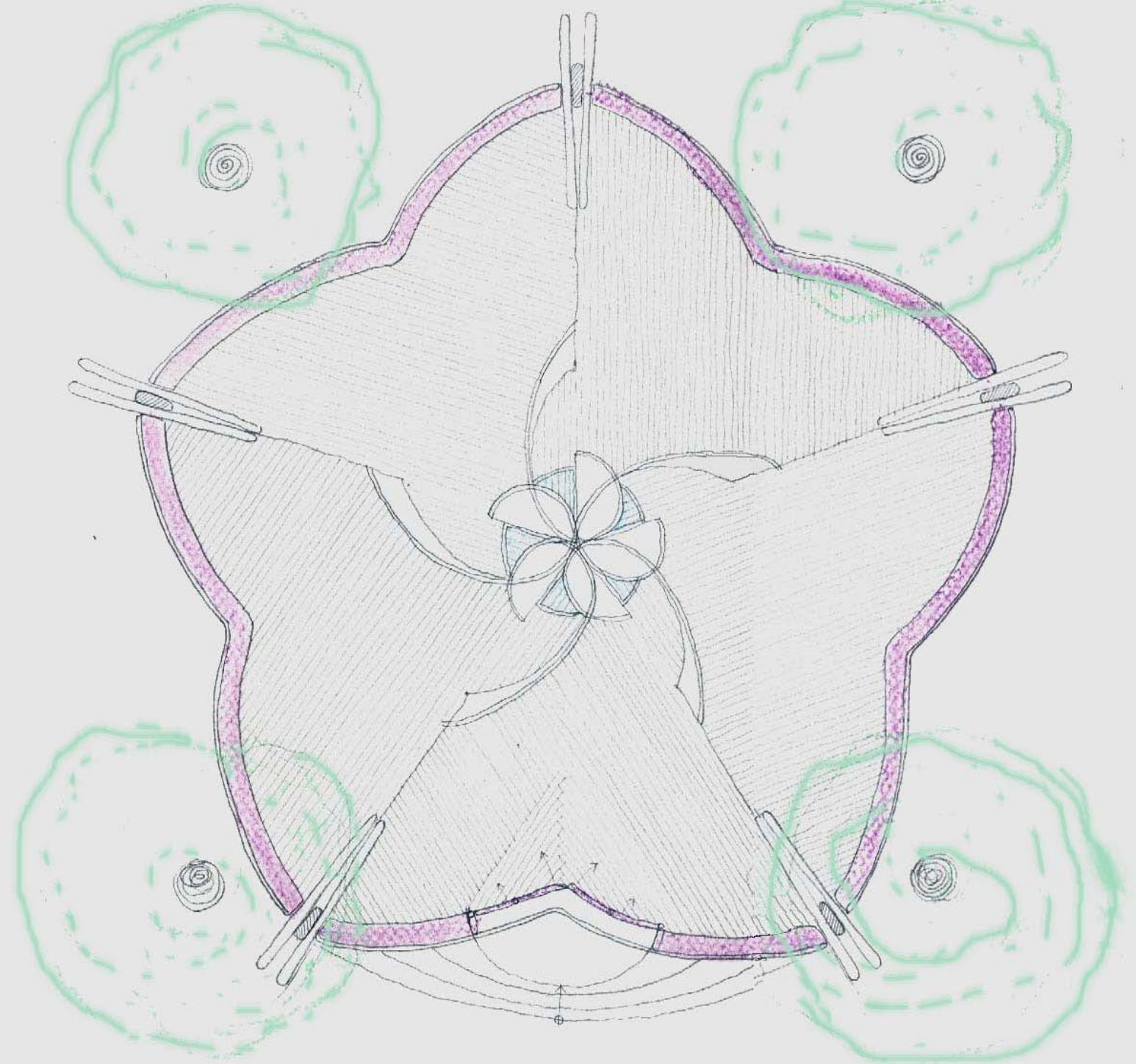


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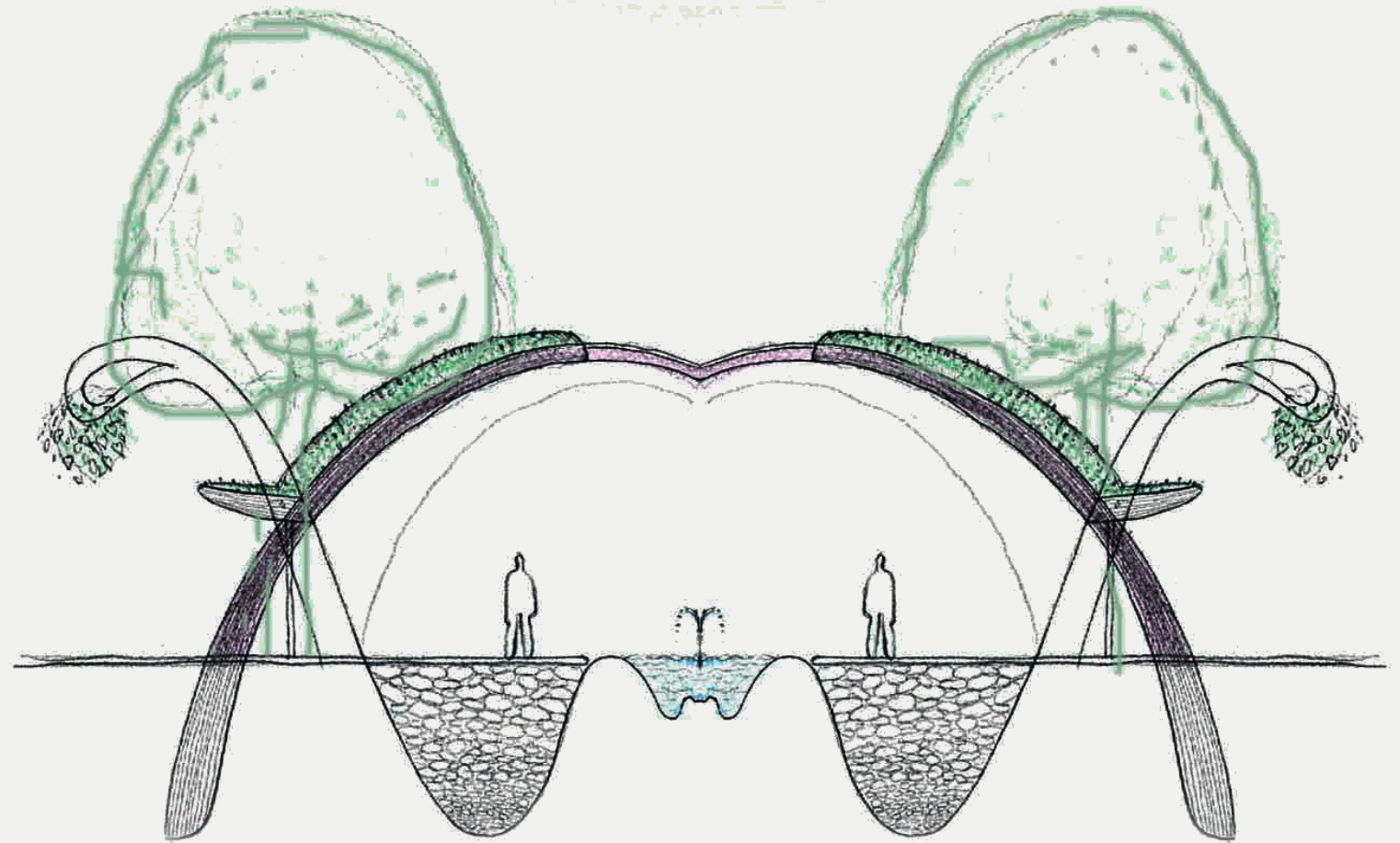
Garden altar in Prague hospital, ground floor plan

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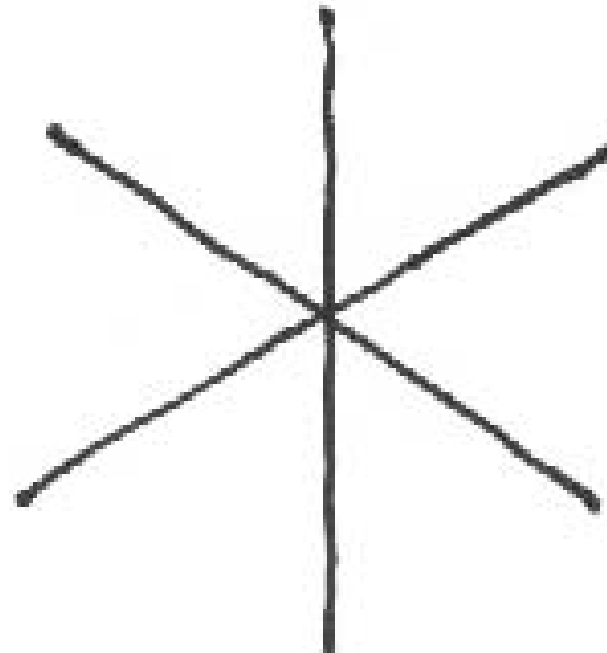
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Garden altar in Prague hospital, section

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- *trinity*
- *unity*
- *creation*
- *transformation*



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- *language of forms*
- *trinity*
- *„ tree of life “*
- *entrance hall of
children´s hospital
in Prague*



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- *creation based of subconsciousness*
- *archetypes of shapes*
- *using elementary forces conected with emotions*
- *world of senses and feelings*
- *influence of inspiration and intuition*



Group of social workers modeling the house for mentally ill people



Creating space by modelling

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- *touch and sight*
- *modeling, createing your own ideas*
- *spontaneous creation*
- *creations full of life*
- *connection with elemental Id*

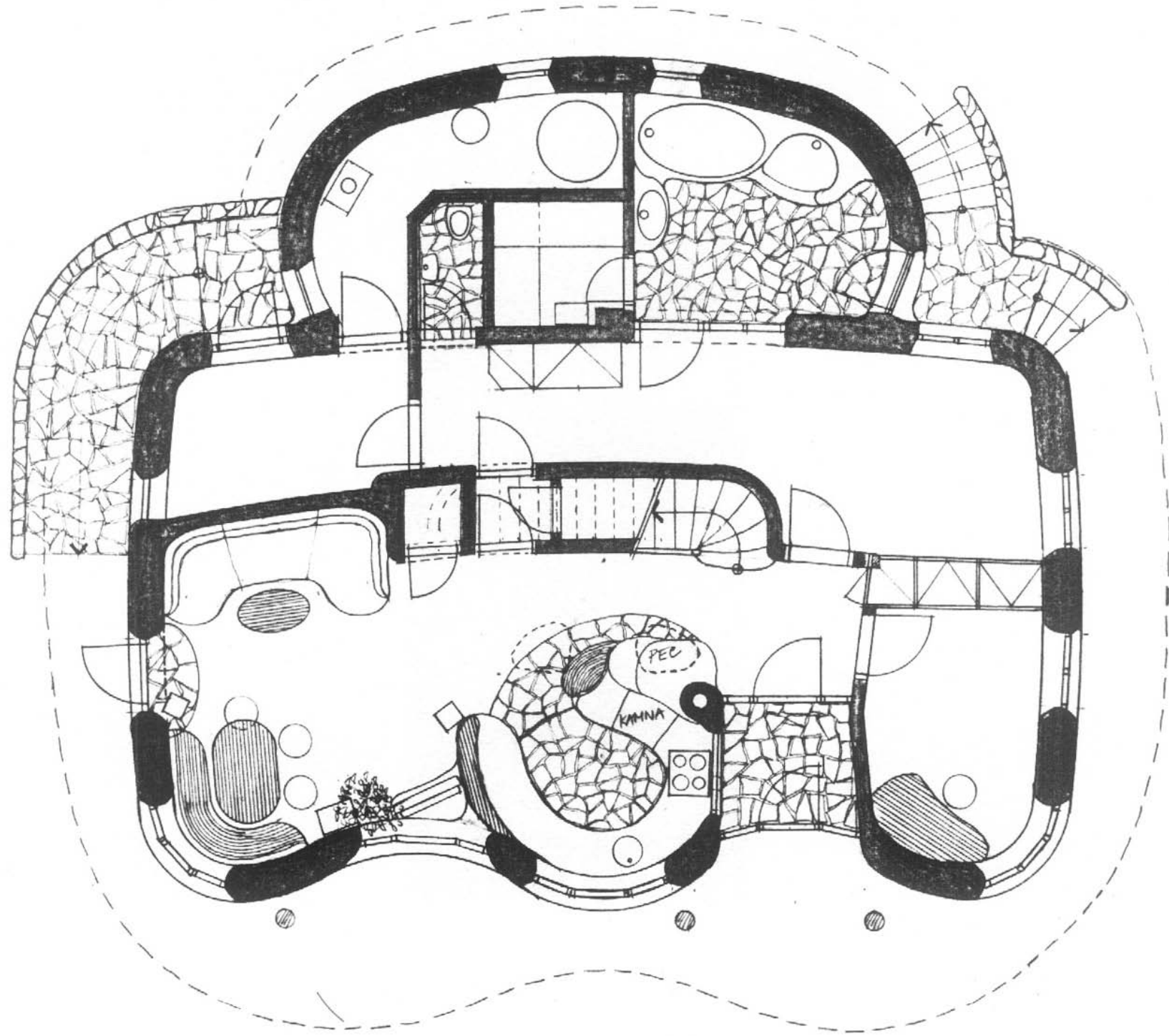


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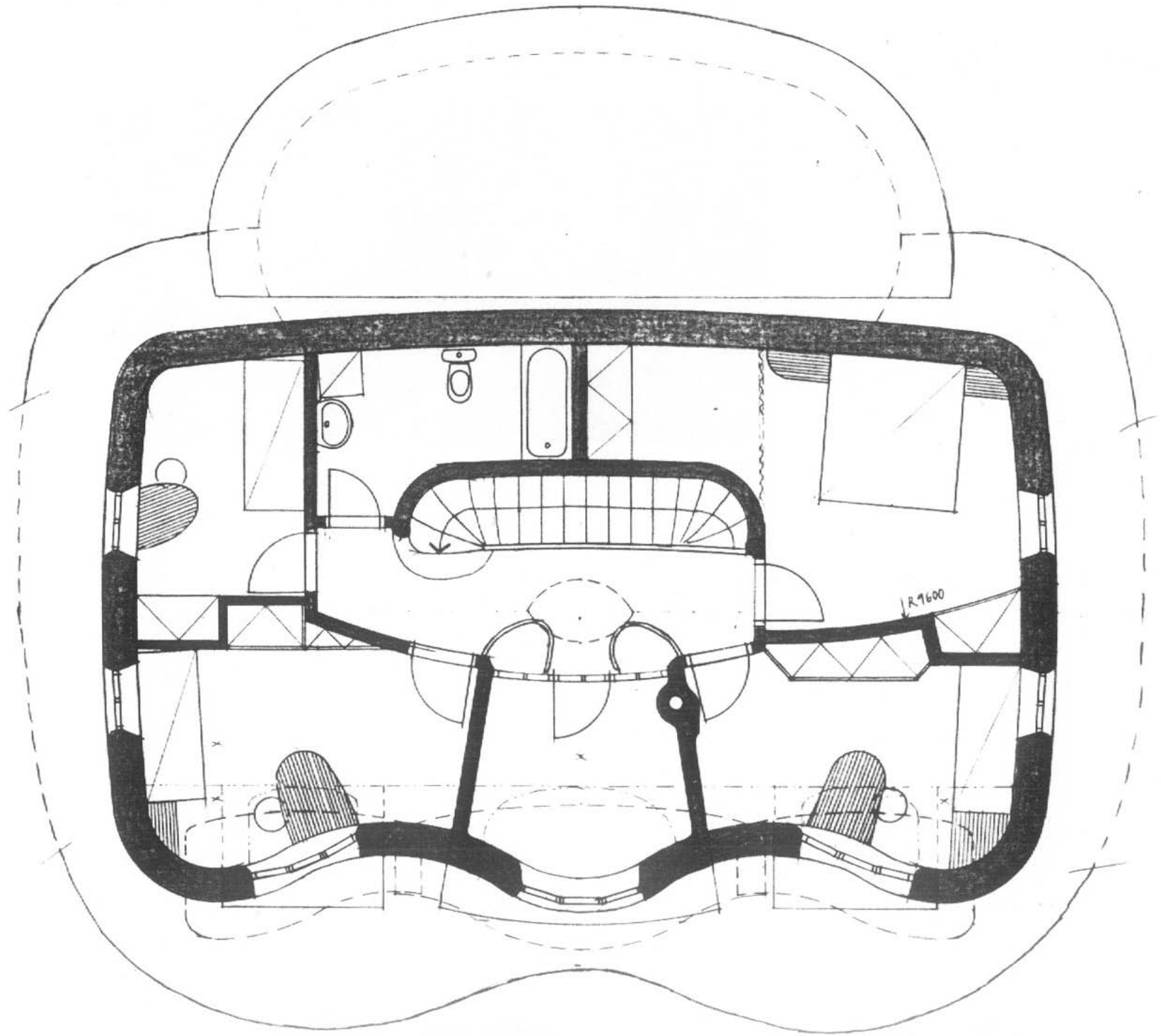


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- *emotional level*
- *consciousness and moods*
- *elemental beings (entities) in the nature*
- *the direction of birds flying in any place*

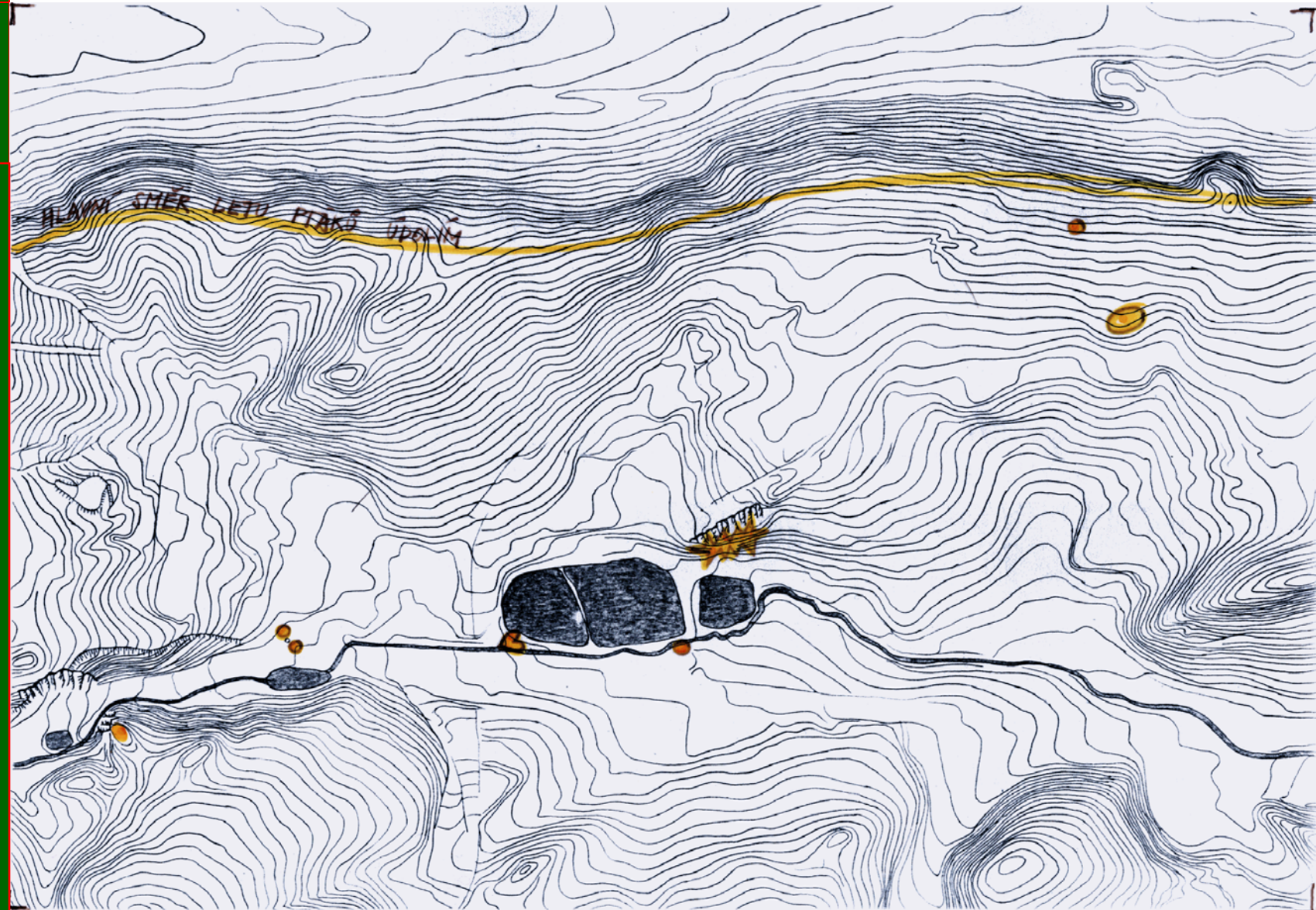
*consciousness and elemental beings,
emotions in landscape*

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- *emotional level*
- *consciousness and moods*
- *elemental beings in the nature*
- *contour line and shape*
- *the direction of birds flying in any place*



consciousness and moods in Motol area in Prague 5, Czechia

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Life force, *power, vitality*

- *basic principle of life force*
- *passive and active site of the space*
- *influence human psyche, mirroring subconsciousness*
- *sensing through your psyche*
- *influencing our being*

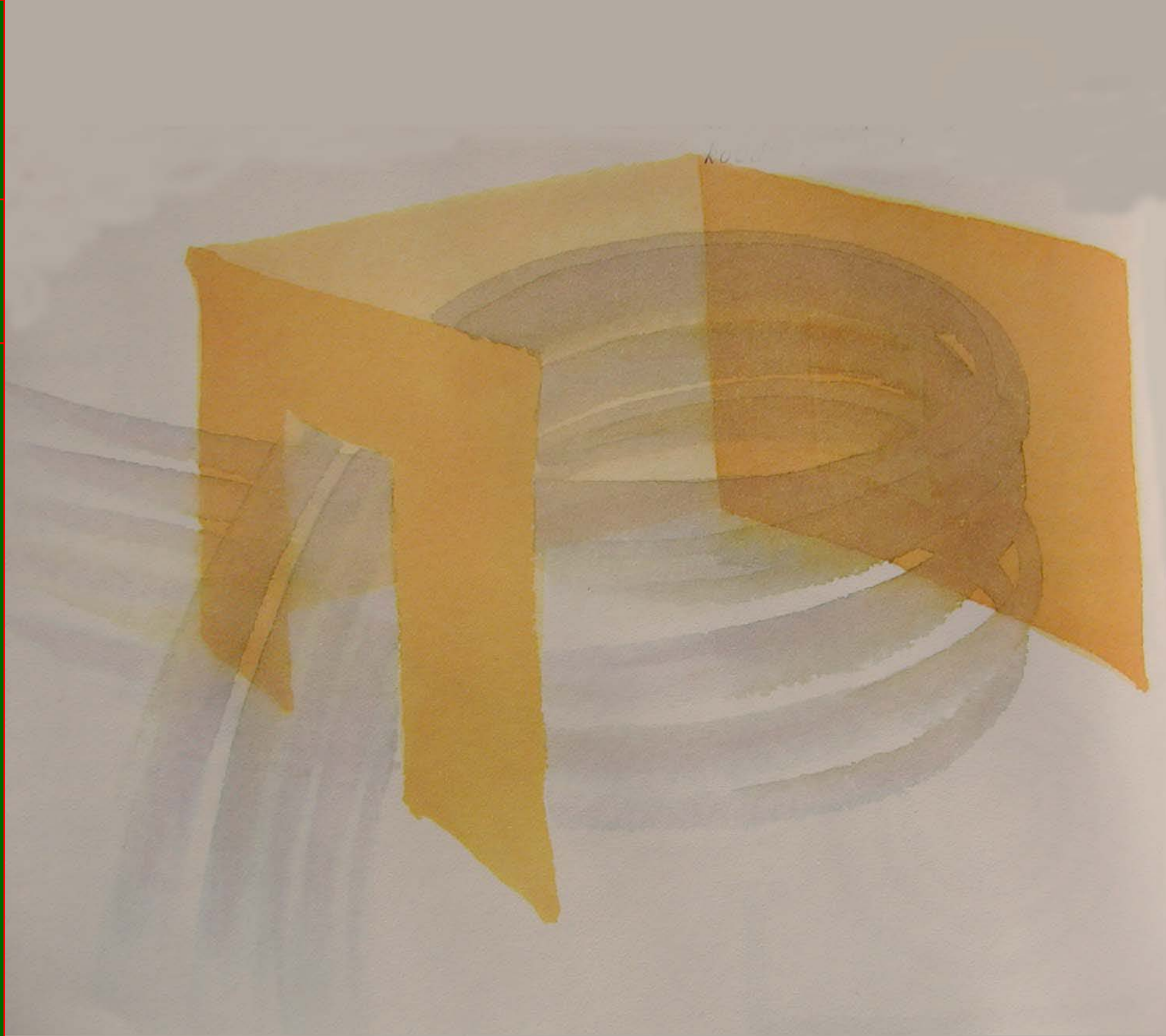


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- *spiral movement*
- *proper forms based on archetypes*
- *flow of ch'í follows the form and the form follows the flow of ch'í*
- *Living force names*
- *Chi*
- *Ki*
- *Prana*
- *Ži*



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- *life force level in the house*
- *life force flowing in the house*
- *rivers of life force, directions of walking ways*
- *directions of seeing*



Living force in ground floor plan of the house

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- *life force level in the landscape*
- *life force flowing in nature*
- *rivers of life force = ley lines*
- *fords, bridges, sacred places, directions of path*

Ley lines in Prague 5 district, Czech republic

Holistic architecture

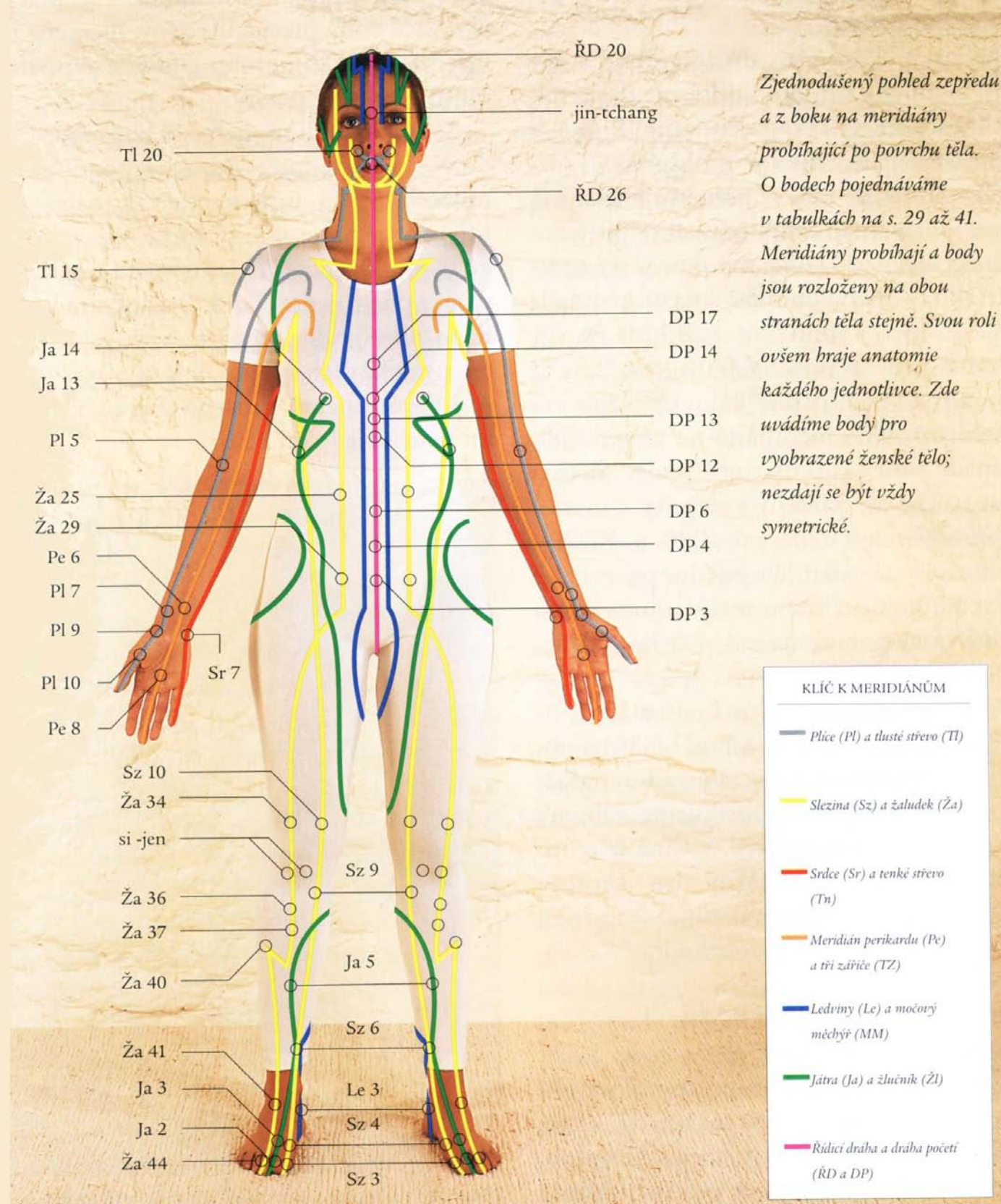
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- *human meridian systém*

- *energy path*

- *Universal life force coming into organs*



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- *life force level in the landscape*
- *life force flowing in nature*
- *rivers of life force = ley lines*
- *application into modern arrangement*



Ley lines in the square of the town Vlachovo Brezi in South Bohemia

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Ley lines around town Vlachovo Brezi in South Bohemia

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akad. arch. OldFich Hozman, duben 2005.

Ley lines in the square of the town Vlachovo Brezi in South Bohemia

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- *life force and spiritual level in the landscape*
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*Blessing of corner stones in the square
of the town Vlachovo Brezi in South Bohemia*

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*corner stones around the tree on crosses of life force lines
of the town Vlachovo Brezi in South Bohemia*

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- *life force level*
- *influenced by structure*
- *proper alignment*
- *the life is strengthened by proper structure*



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- *flowing of life force*
- *its features*
- *free centre*
- *centre of the house*
- *the direction of the view is important*
- *directions of flowing*
- *coriolis effect*

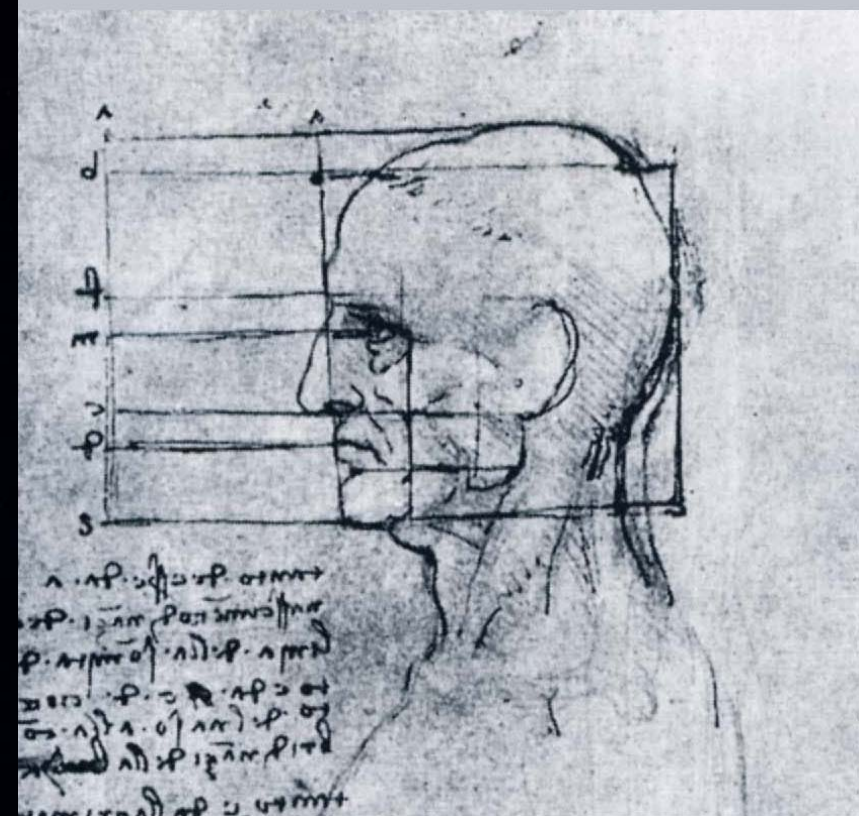
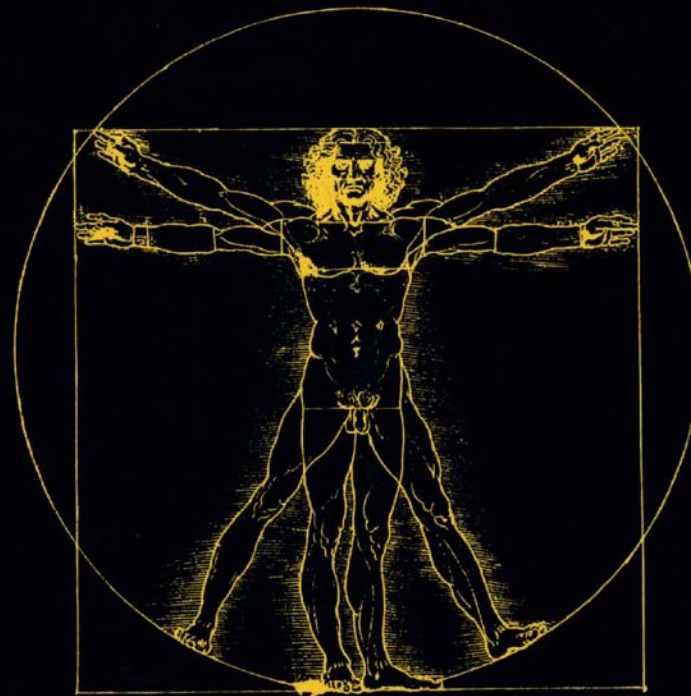
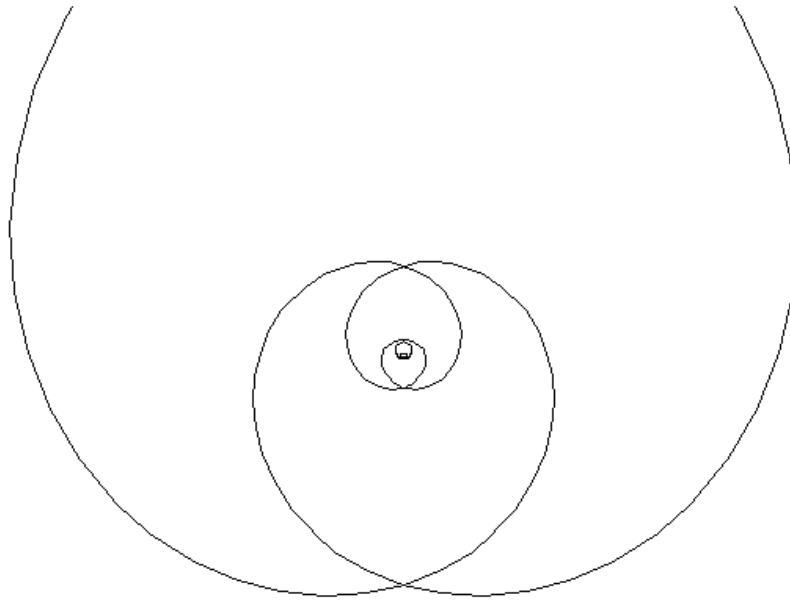


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- *spiral of Golden Ratio*
- *polarity of the Universe*
- *life force is creating our material world in certain manner*
- *branching out in proper manner*
- *symetry*
- *the ratio create beauty*



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*Pavilion of golden ratio at the modern art exhibition
in Prague*

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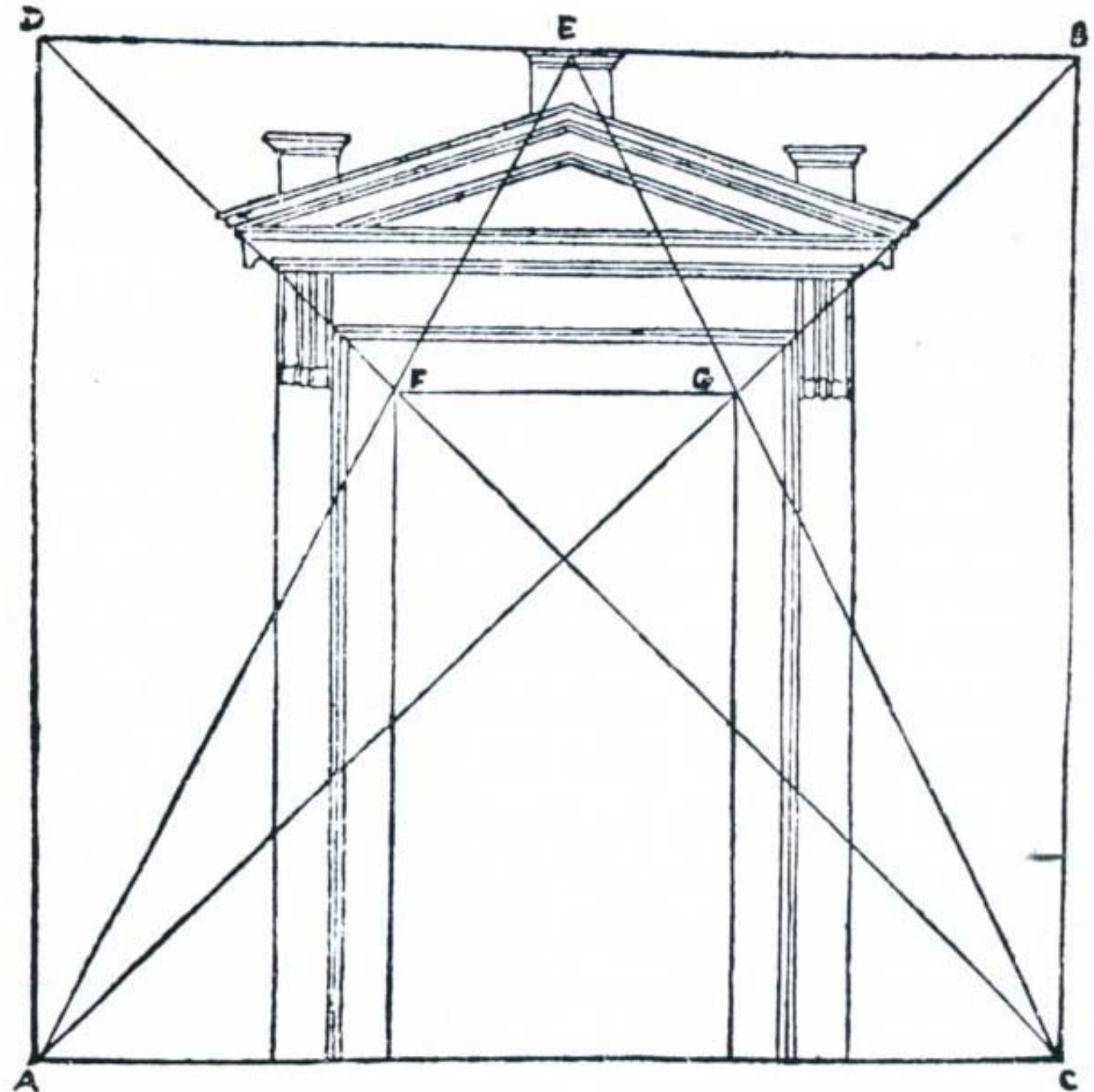


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- *proportion and geometry gives order*
- *harmony and beauty in architecture*
- *principles of order, rhythm and symmetry*

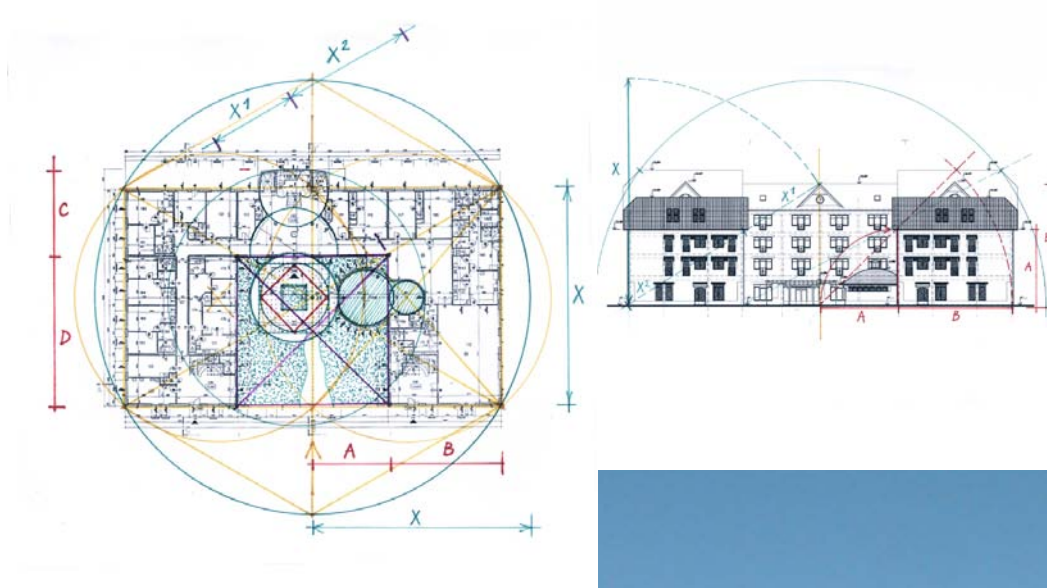


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- *importance of beauty in architecture*
- *golden ratio*
- *relationship between the width of the floor plan and the height*



Home for Elderly in Prague 5 based on geometry of hexagon

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- *material level*

Physical world *Ecological materials*



energy efficient house

Holistic architecture

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- *energy saving
sustainable house*
- *good placement on
the plot*
- *view from
southeast*

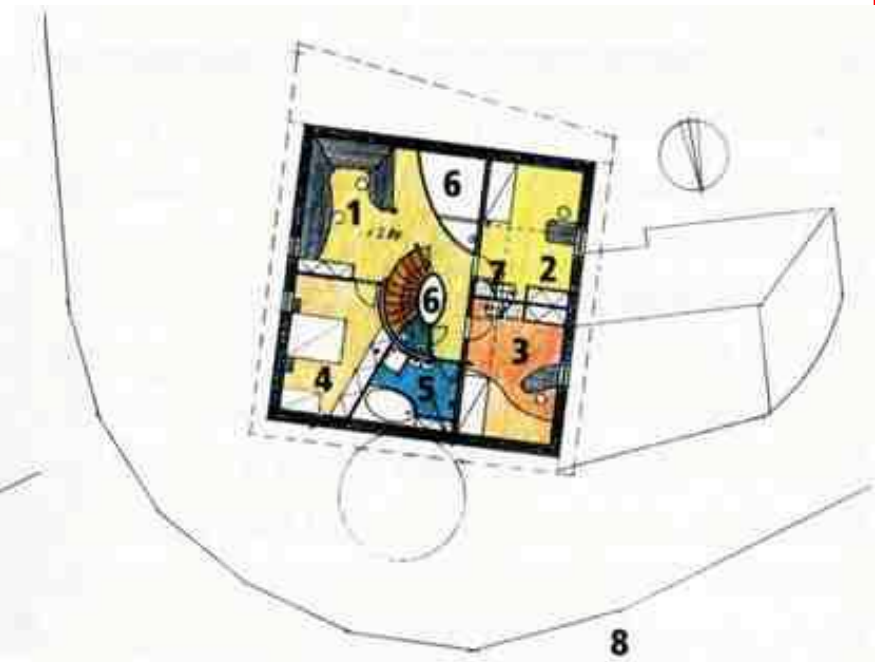
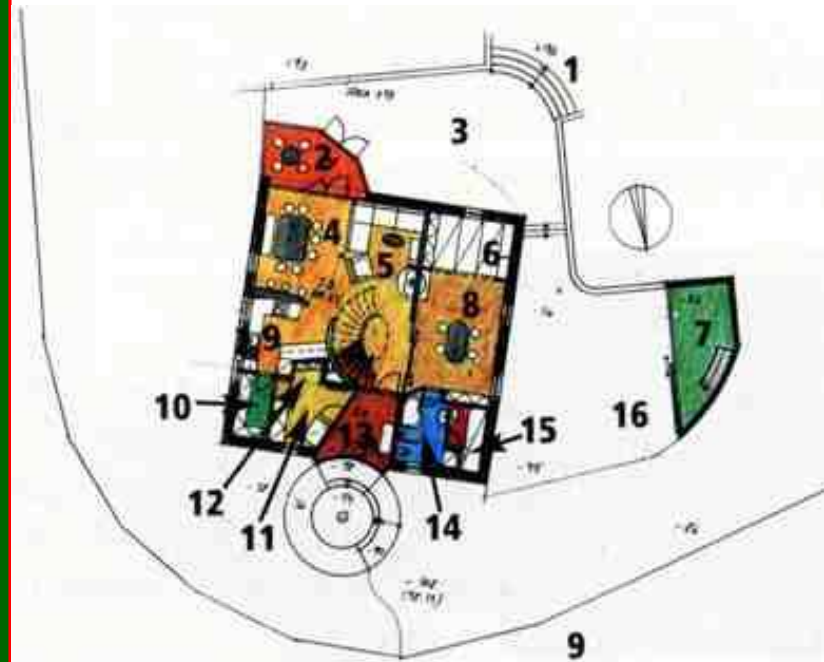
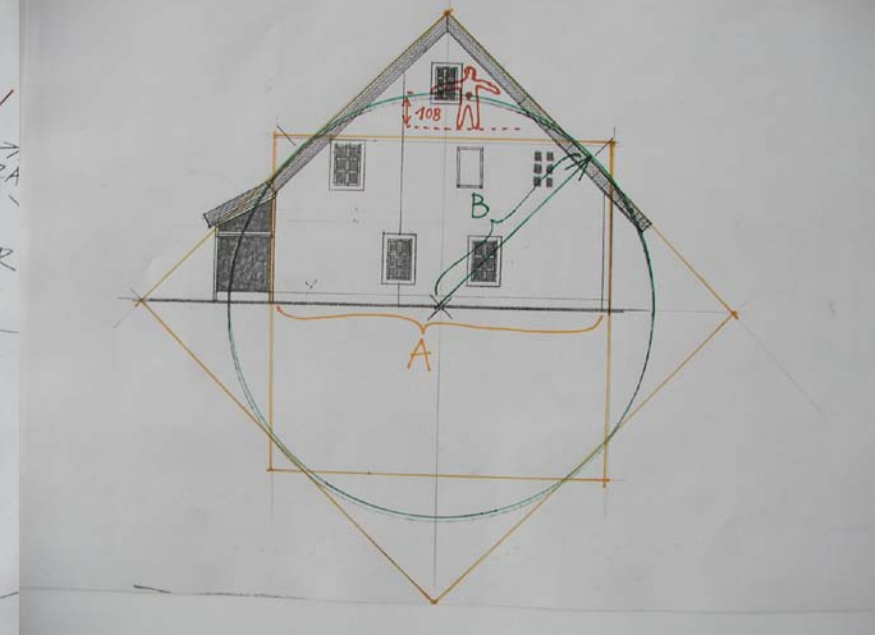


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- *material level*
- *sacred geometry and direction of chi flow*
- *placement of rooms according to compass*



- | | |
|------------------|------------------------|
| 1 – staircase | 10 – staircase |
| 2 – glass garden | 11 – dressing room |
| 4 – dinning room | 12 – heating |
| 5 – living room | 13 – entrance room |
| 6 – guest room | 14 – bathroom + wc |
| 7 – workshop | 15 – sauna |
| 8 – tee room | 16 – outside car place |
| 9 – kitchen | |

- | |
|---|
| 1 – home office |
| 2 – children's room |
| 3 – children's room |
| 4 – bedroom |
| 5 – bathroom + wc |
| 6 – open ceiling |
| 7 – entrance and staircase to the attic |

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- *material level*
- *unfired bricks*
- *accumulate heat and cold*
- *regulate air humidity*
- *clean toxins from air*
- *regulate ions in the air*



energy efficient house with wall heating

spiritual
emotional
vital
material

- *physical world*
- *contour lines.*
- *current maps*
- *solar orienration*



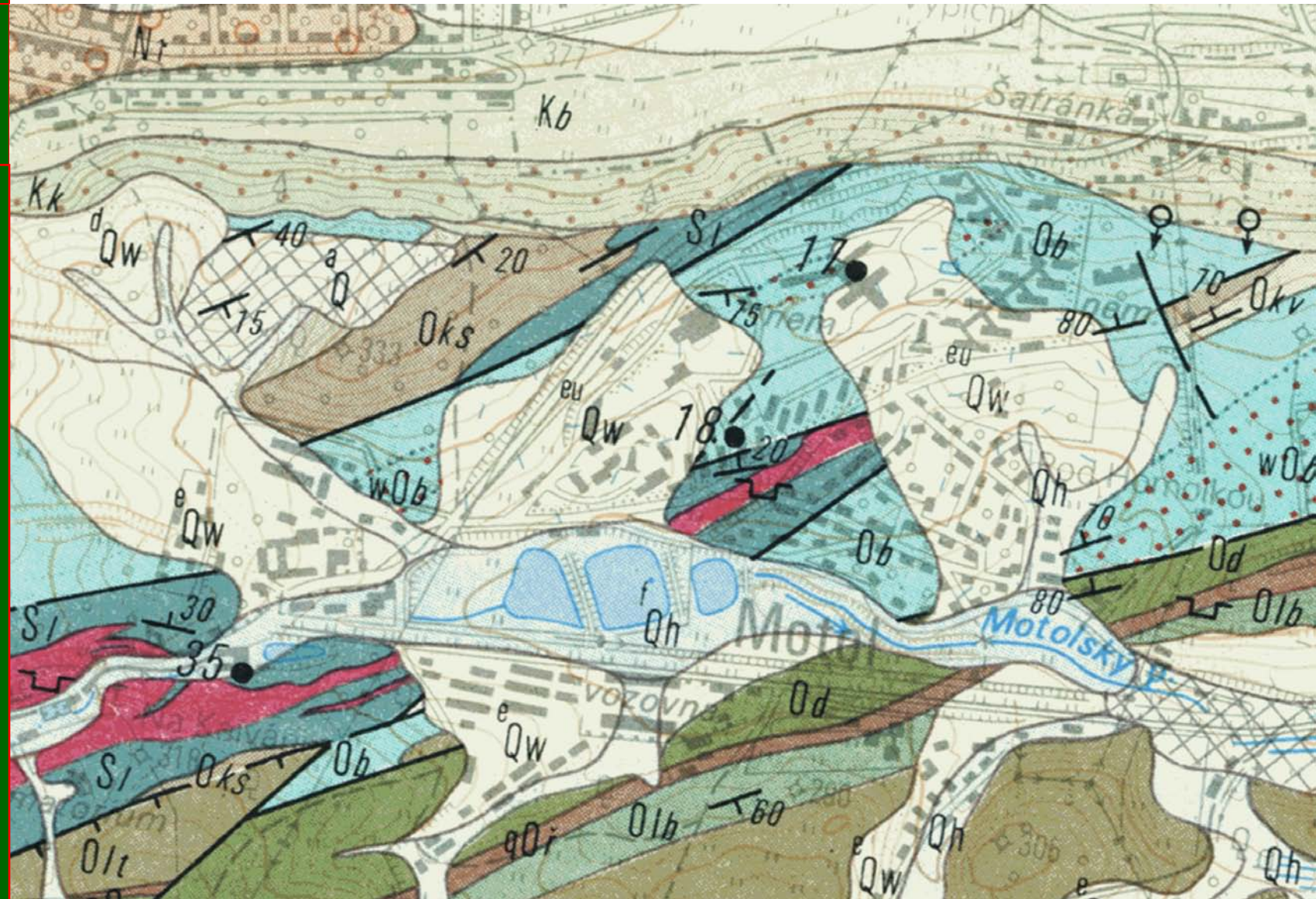
Prague map, district Motol, Czech republic

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- *physical world*
- *geoshifts, cracks*
- *geomaps*
- *different minerals*



*Geomap, part of the land in Motol district - Prague 5,
Czech Republic*

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- *divining*
- *influencing floor plan*
- *where to put walls*
- *intersections*



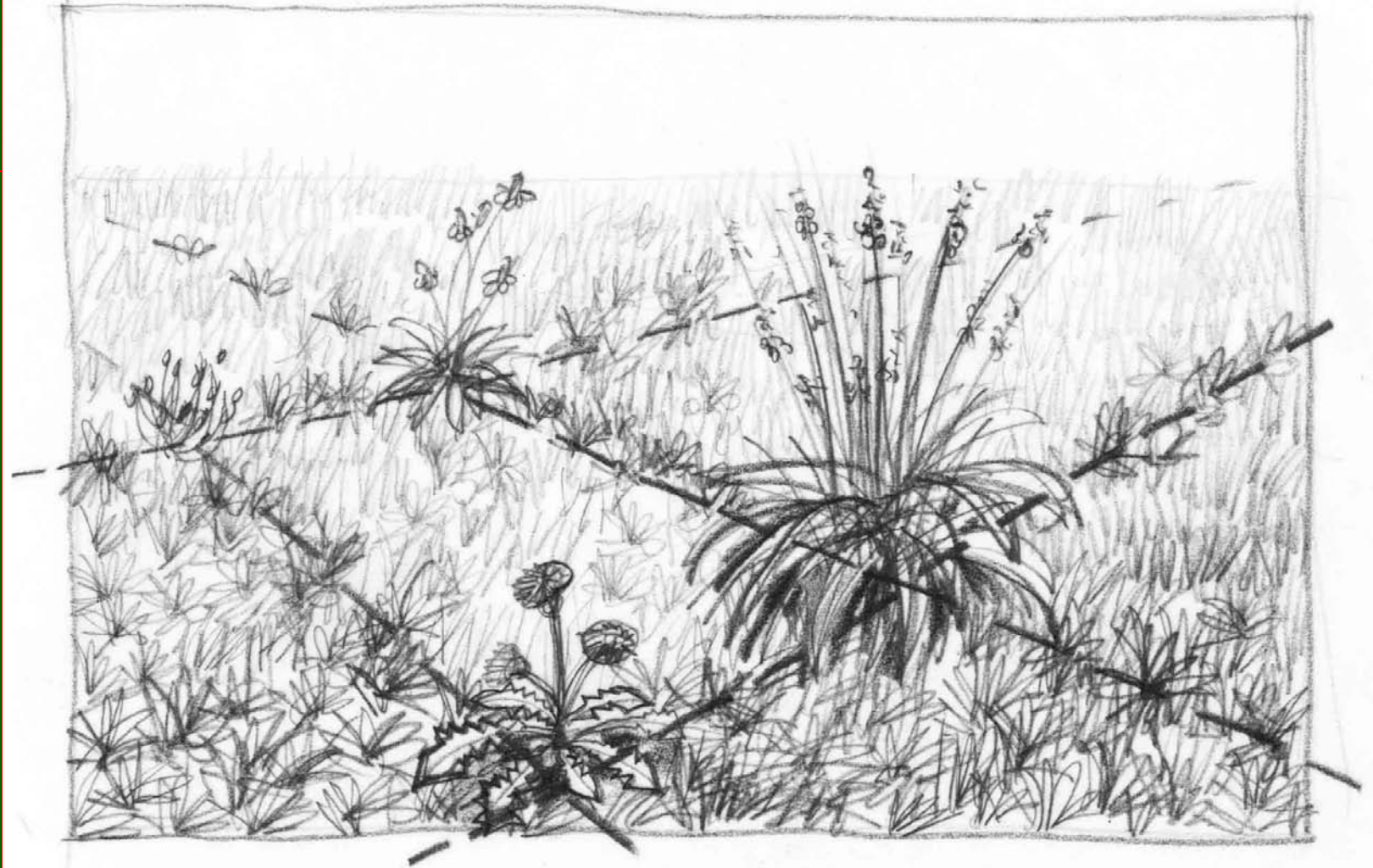
undergroun water

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- *Geopathic stress
and the house*
- *language of plants*
- *types of measuring*
- *influencing
human energy*
- *diving rod*
- *cracks*



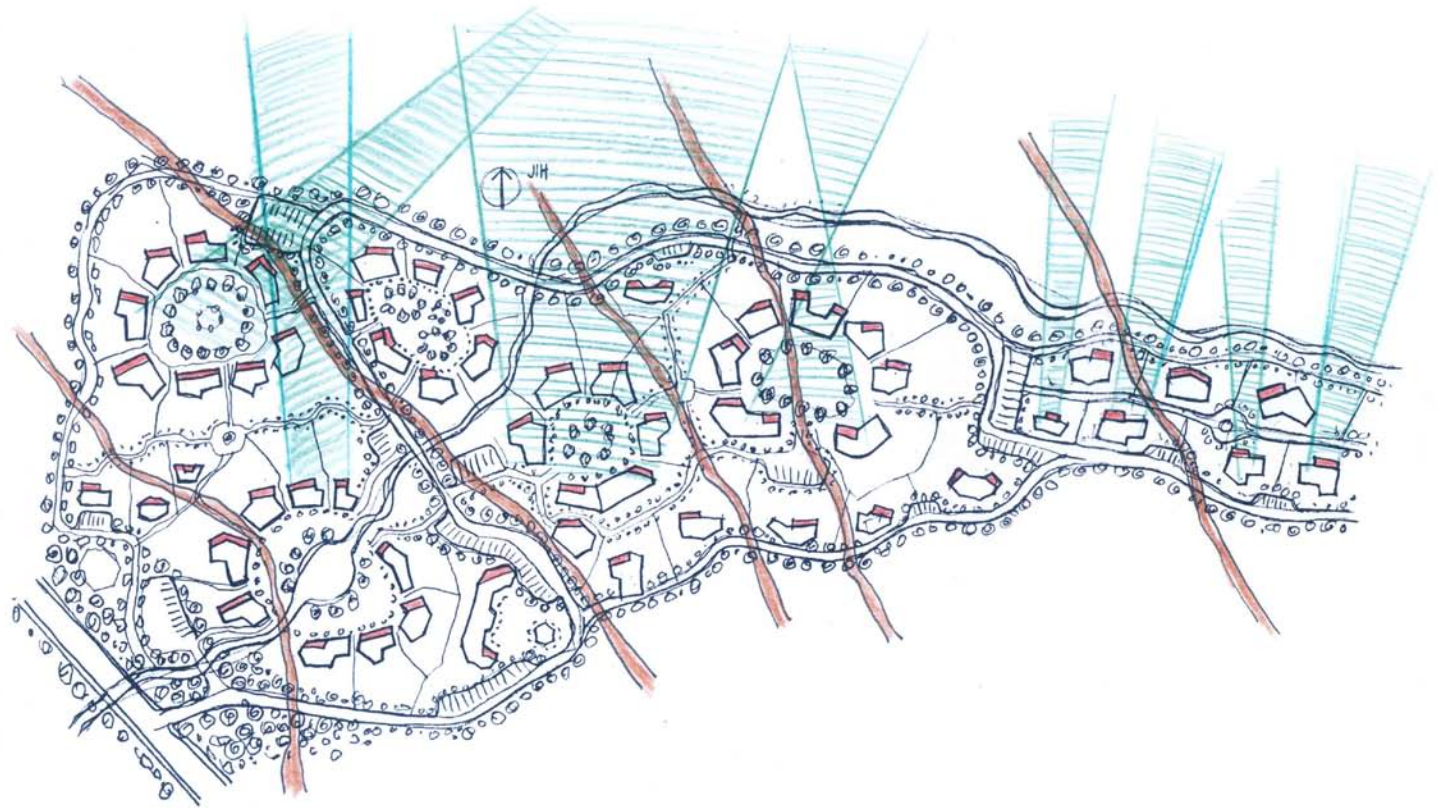
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- *physical world*
- *geoshifts (breaks in earth)*
- *solar orientation*
- *importance of wiew*

4.



*As human beings we need proper orientation in the space
(south oriented houses and a good view).
Houses should be placed next to geoshifts and water
(physical level).*

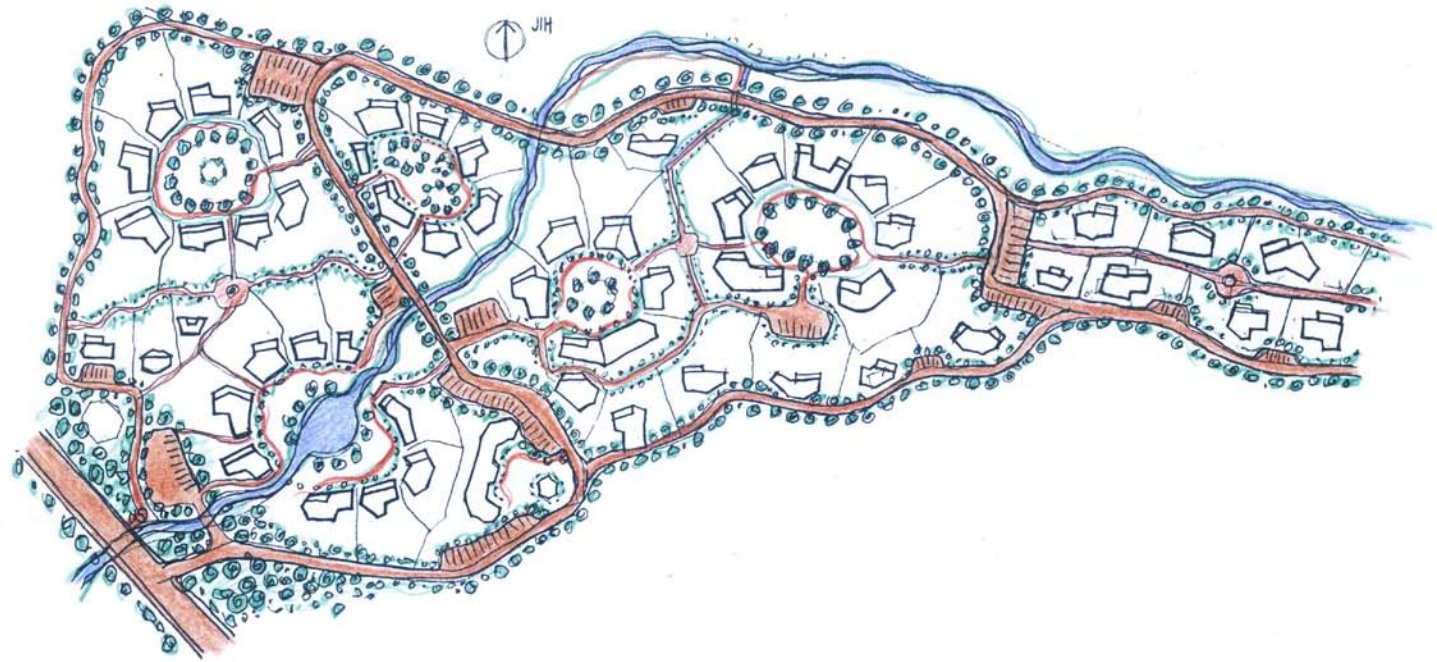
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- *emotional level of the landscape*
- *parks, roads, pathways, parking out*
- *leisure-time places*
- *proper proportions and shapes*
- *rhythm, open and close spaces*
- *sight, smell, feel, sound, taste, intuition*

3.



*For our life we need green natural places and parks.
Living and relaxation is different to travel and parking
(emotional level).*

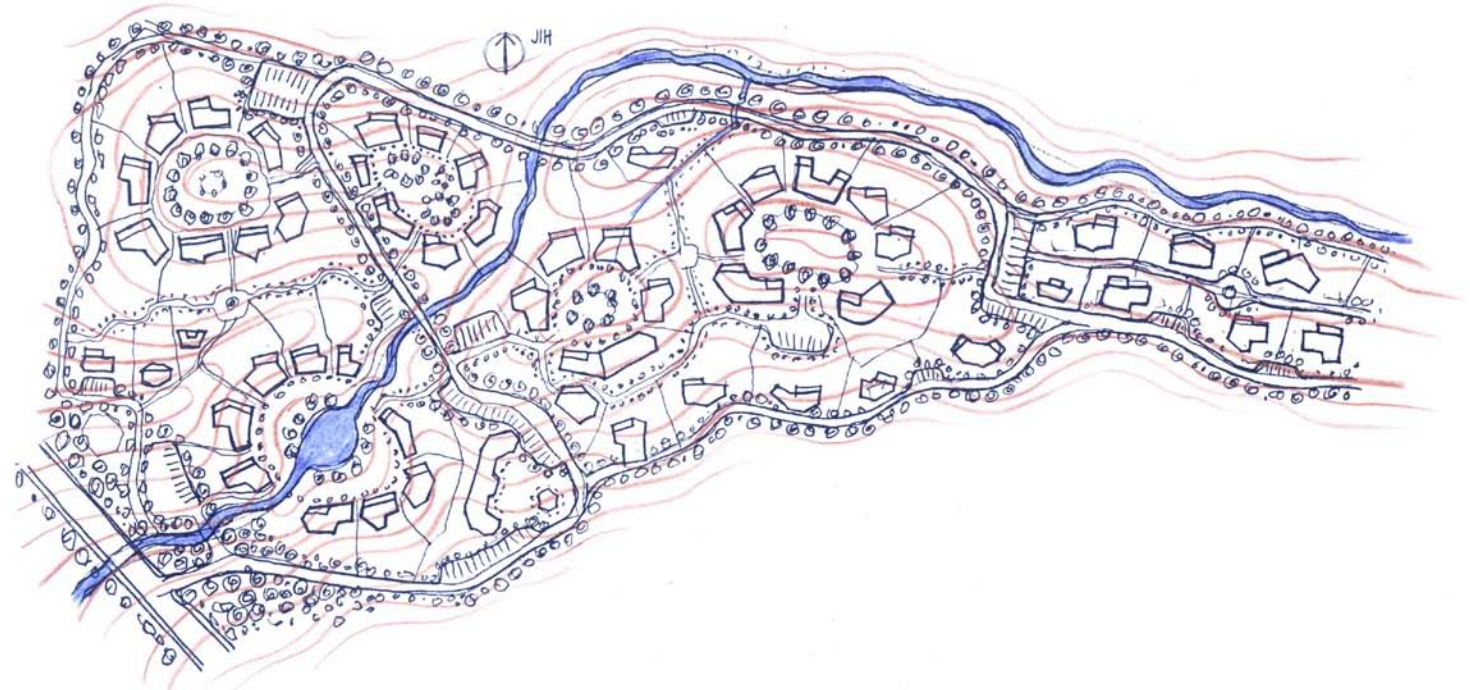
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- *life force level in the landscape*
- *life force flowing in the landscape*
- *shape of terrain*
- *rivers of life force, directions of rivers and walking ways*
- *respect rivers's shape*

1.



*Holistic landscape is connected with centres
(spirituality of place).*

*Form of contour lines can influence shapes of buildings
(vital force).*

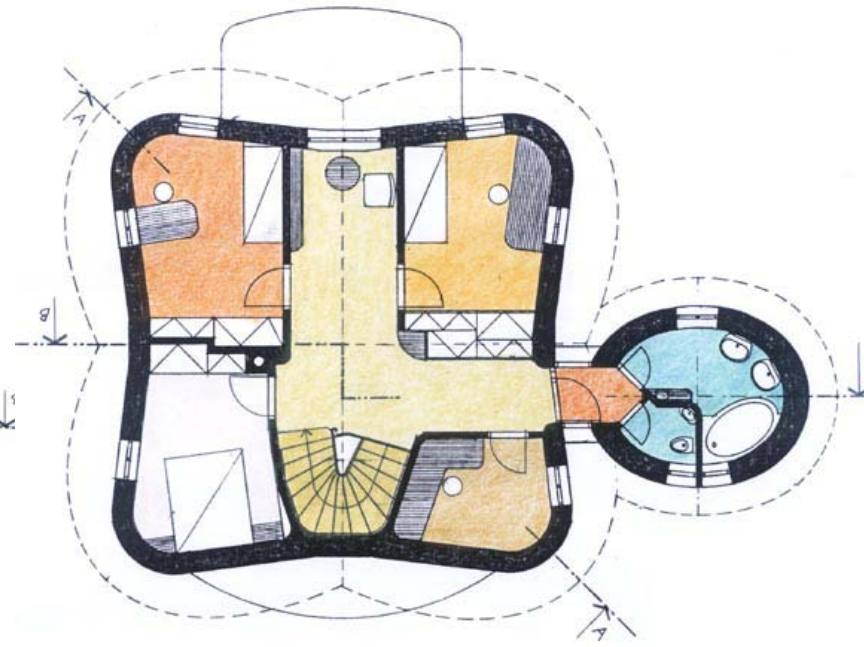
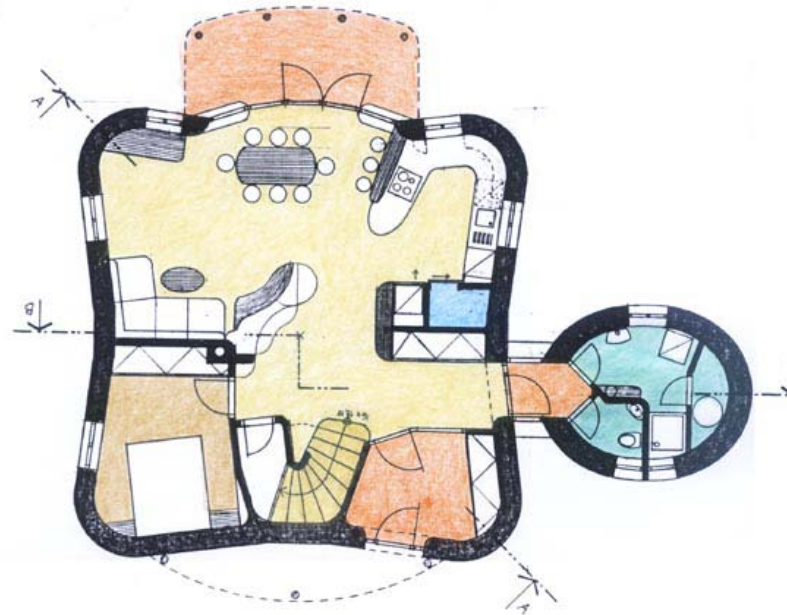
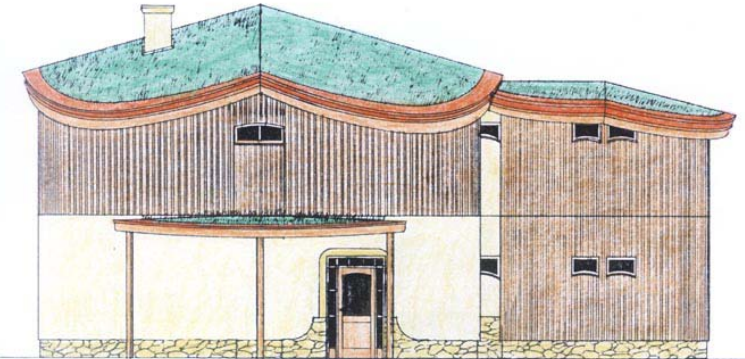
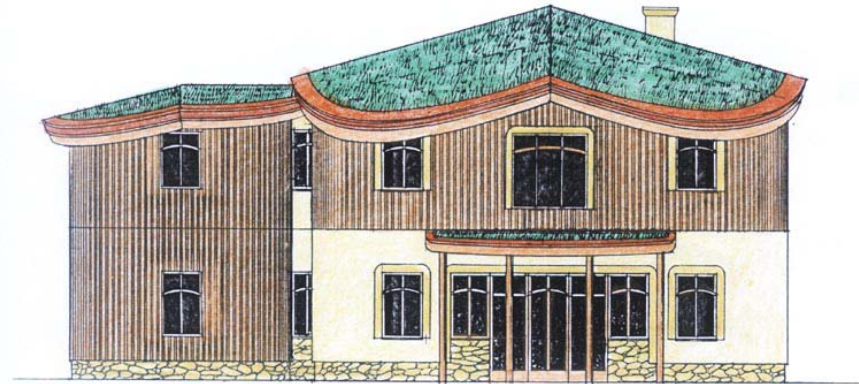
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- *inside walls from unburnt bricks*
- *wood ceiling*
- *influencing human psyche*
- *clay plaster*
- *reed boards*
- *no steel in floor*

Examples of eco-structures



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- *green roofs*
- *aesthetics*
- *full of life*
- *works with the land*
- *good insulation*
- *absorbs water*
- *balances humidity*
- *improves
flora/fauna*
- *wild plants*



energy efficient house,
south view



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Examples of eco-structures

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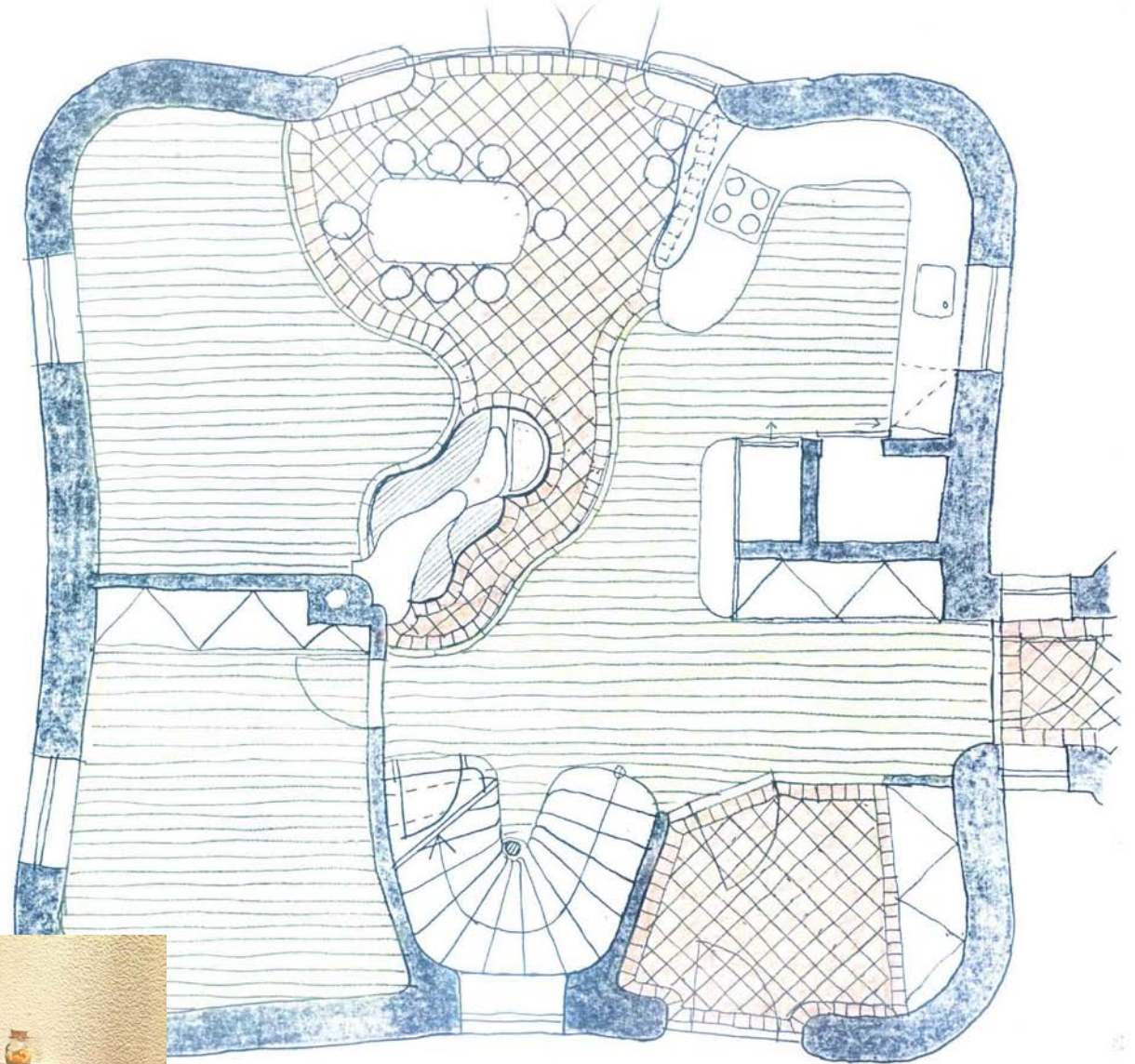


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- *healthy heating principles*
- *stoves and ovens*
- *radiating heat*
- *accumulating heat*
- *connection with subconsciousness*
- *healthy cooking*
- *aesthetics*
- *communication is important*



Holistic architecture

space is

*spiritual
emotional
vital
material*

- *wall heating*
- *radiating heat*
- *accumulating heat*
- *water pipes*

Examples of eco-structures



Holistic architecture

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- *straw bale house*
- *simplicity of construction*
- *excellent heat insulation*
- *healthy lifestyle*

Examples of eco-structures



*Holistic architecture
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- *atrium house*
- *sacred geometry
based on tree of life*
- *green roof*
- *good insulation*
- *absorbs water*
- *balances humidity*
- *improves
flora/fauna*
- *wild plants*

Examples of eco-structures



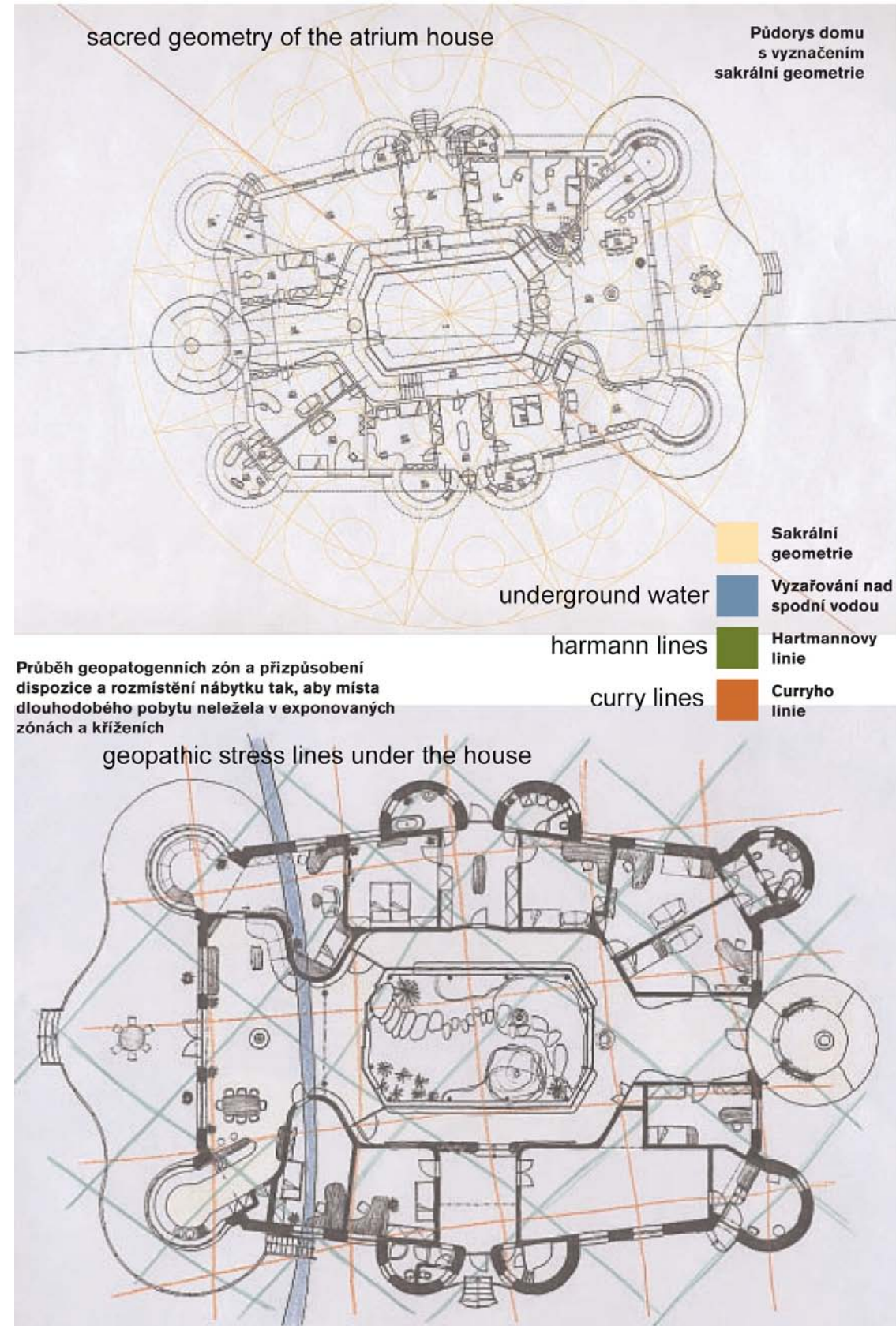
Green roof atrium house

Holistic architecture

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- *atrium house*
- *sacred geometry based on tree of life*
- *walls of adobe*
- *accumulate heat well*
- *regulate air humidity*
- *clean toxins from air*
- *regulate ions in the air*



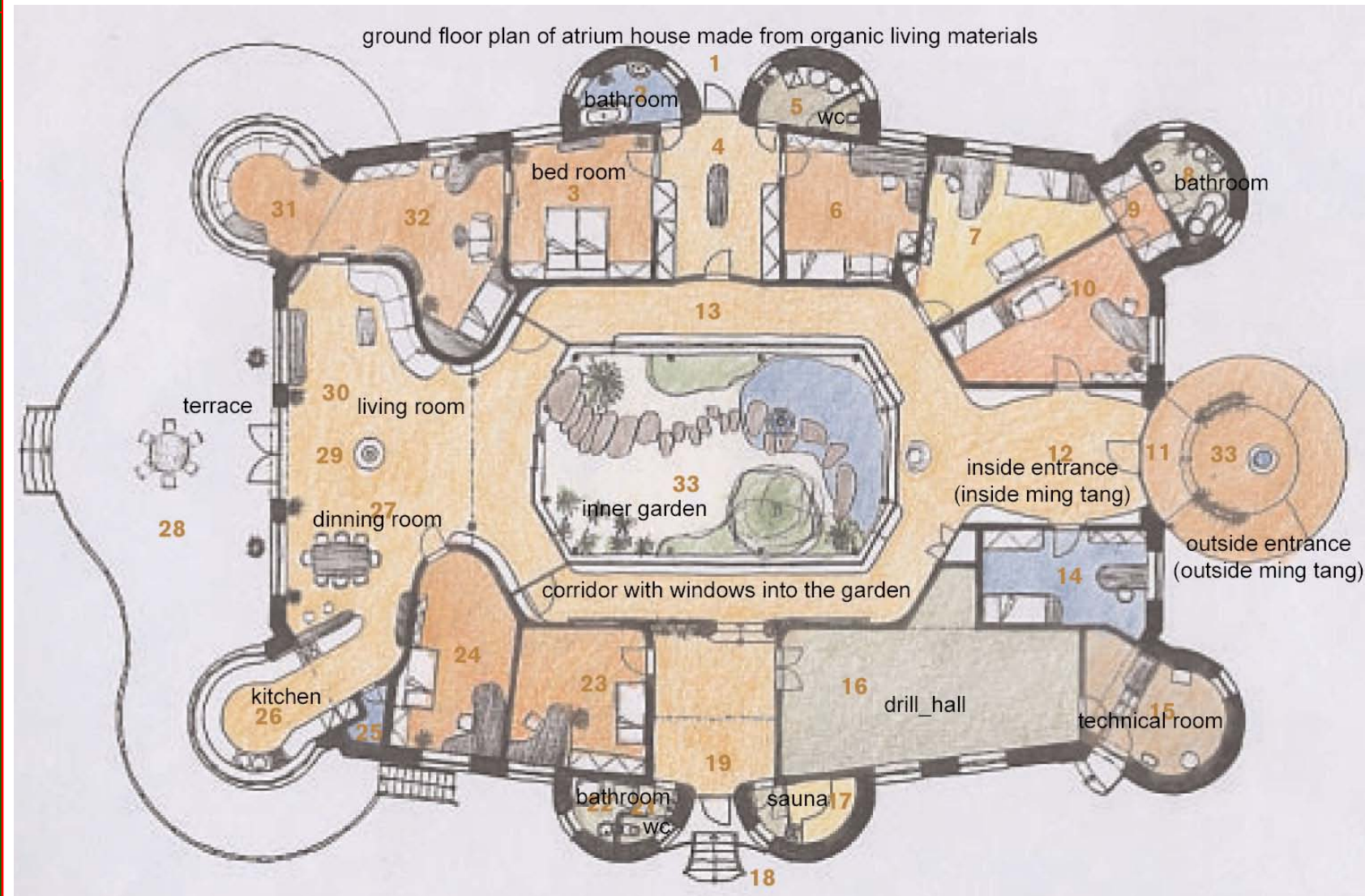
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Examples of eco-structures



Walls are made of wood beams and filled with unfired bricks.

Holistic architecture

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- *atrium house*
- *sacred geometry
based on tree of life*
- *healthy
foundations*
- *walls of stone*
- *ventilated space
under the floor*
- *radon insulation*

Examples of eco-structures



foundations made of stone.

Holistic architecture

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- *wooden house*
- *roof structure
before insulation
by straw bales*
- *long lasting*
- *importance of dry
conditions*
- *$U = \text{heat permeability}$
 W/m^2K*
- *$U = 0.2 W/m^2K$*

Examples of eco-structures



Wooden atrium house.

Holistic architecture

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- *roof insulated by straw bales*
- *good insolation features*
- *healthy material*
- *breathing material*
- *Bio degradable*

Examples of eco-structures



Holistic architecture

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Examples of eco-structures

- *wall insulated by reed board*
- *is compatible with different plasters*
- *$U = 0.2 \text{ W/m}^2\text{K}$*



Holistic architecture

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- *walls of adobe*
- *accumulate heat well*
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Examples of eco-structures



Inside corridor of the house.
Walls made of unfired bricks.

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Examples of eco-structures



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Examples of eco-structures

- *atrium house*
- *sacred geometry
based on tree of life*
- *importance of main
entrance*
- *outside ming tang*
- *axiality, symetry*
- *organic
architecture*



Holistic architecture

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- *atrium house*
- *sacred geometry
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- *emptiness in the
centre create
sacred space*
- *organic
architecture*

Examples of eco-structures



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Examples of eco-structures



View from living room to the inner garden

Holistic architecture
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- *atrium house*
- *language of forms and materials*

Examples of eco-structures



entrance to the outside terrace and garden

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Examples of eco-structures

- *house with solar panels*
- *open to the south*
- *influencing human psyche*
- *symmetry and size of the space around the entrance*

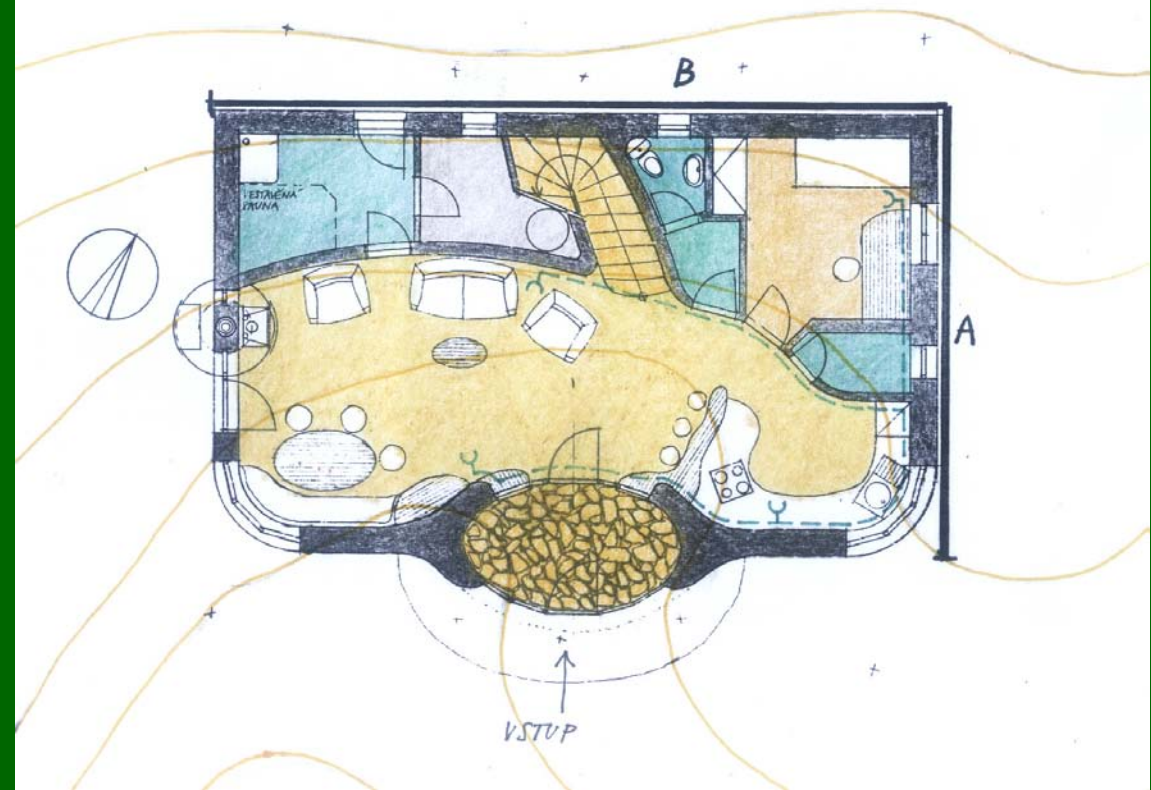
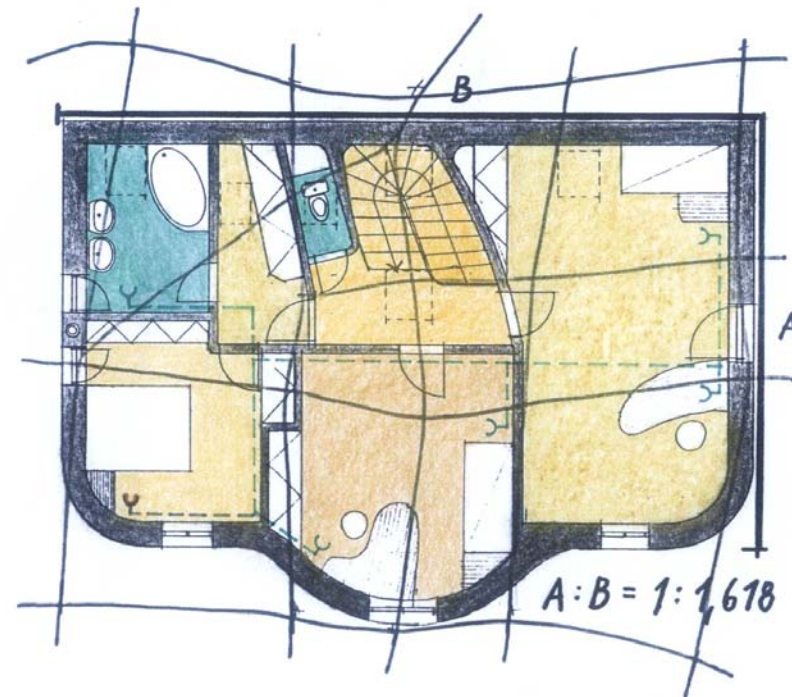


Holistic architecture

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- *golden ratio*
- *shape of contour lines*
- *divining*
- *influencing floor plan*
- *where to put walls*
- *intersections*



Holistic architecture

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- *finding balance between open and close spaces*
- *placement of stove*
- *empty centre*
- *natural lighting*
- *curves and rounded shapes*
- *natural materials*
- *solar heated house*



Holistic architecture

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- *finding balance between open and close spaces*
- *placement of fireplace*
- *empty centre*
- *natural lighting*
- *curves and rounded shapes*
- *natural materials*
- *solar heated house*



Holistic architecture

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*Design of
children's space*

- *finding balance
between open and
close spaces*
- *empty centre*
- *natural lighting*
- *curves and rounded
shapes*
- *natural materials*



Holistic architecture

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- *influence of electromagnetic stress*
- *sources of electromagnetic stress*
- *equipment which radiates waves*
- *possibilities of reduction*

Recomended distances from power lines (baubiologic):

400 m - 400 kV

250 m - 220 kV

130 m - 110 kV

80 m - 22 kV

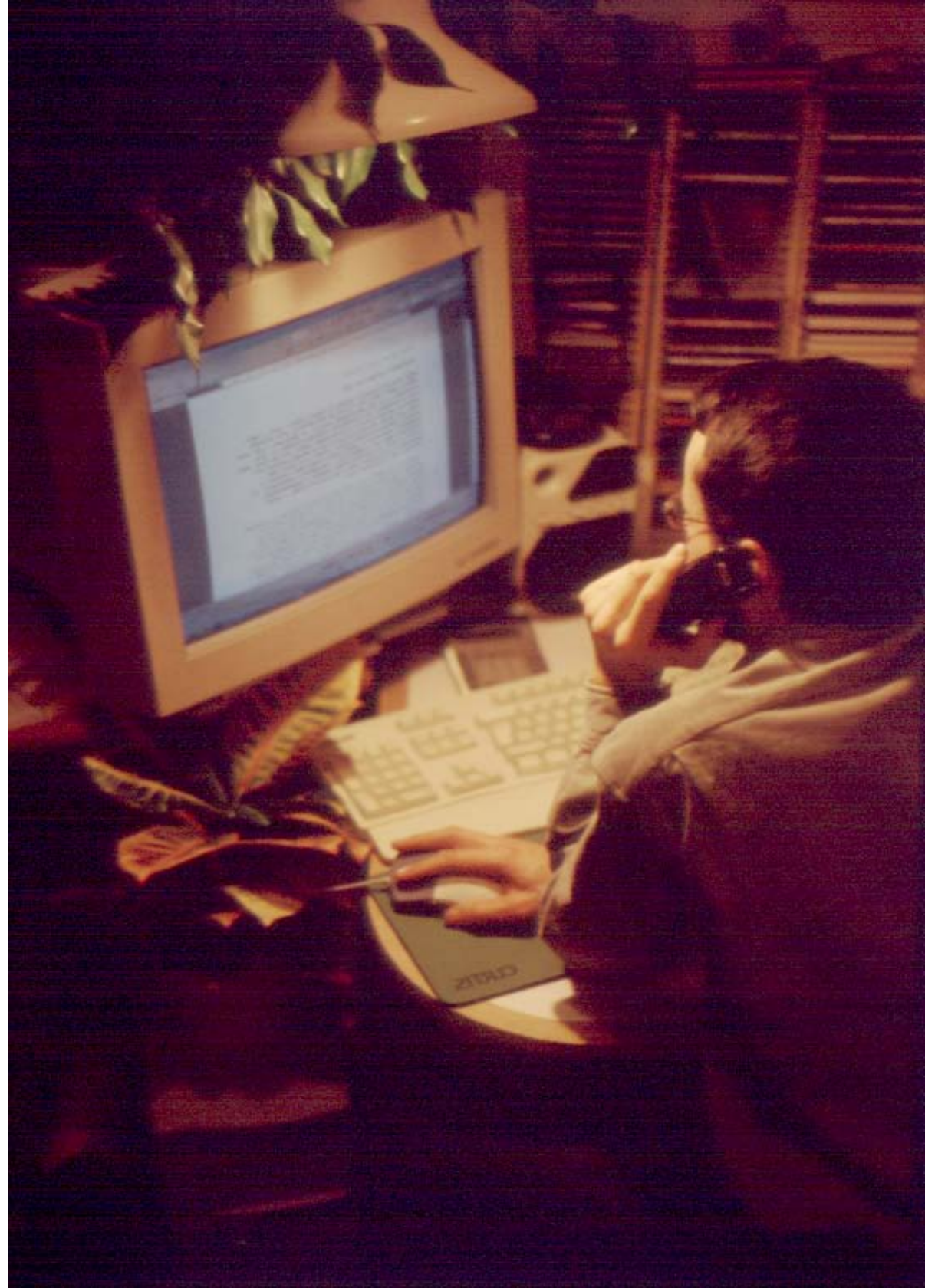


Holistic architecture

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- *influence of electromagnetic stress*
- *sources of electromagnetic stress*
- *equipment which radiates waves*
- *technic radiant*
- *possibilities of reduction through healthy lifestyle and natural materials*



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- *to remind spiritual level as beginning of every project*
- *creation and human subconscious*
- *influence of quality of thought on the work*
- *conscious care of spiritual level of an environment*
- *world of feelings and intuition*
- *beauty and love*

free will and happiness from creativity



importance of care of the living environment

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free will and happiness from creativity



celebration for place where will be the house for mentally ill people, importance of care of the living environment

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Contact:
Email: arc@arc.cz
www.arc.cz
tel.: +420 235 311 622

