

Holistic architecture

space is

*spiritual
emotional
vital
material*

Topic:

*Conception of Healthy
Environmets – A holistic
perspective for design*

Presented by:

*Oldrich Hozman,
architect, Czech Republic*

*Life form, biologic architecture
conference, Coed Hills, Cardiff
3rd – 4th October 2009*



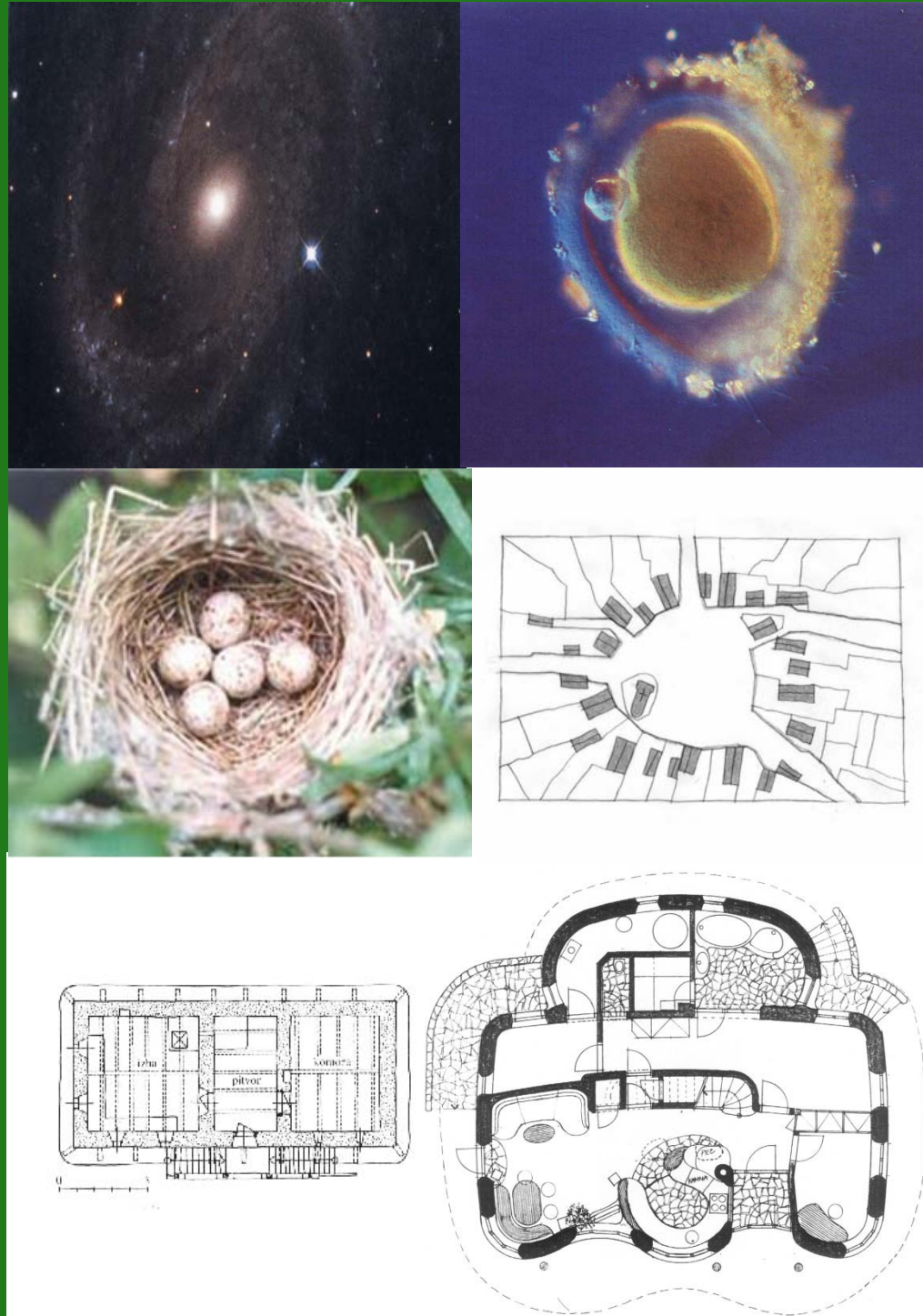
Garden house based on sacred geometry in Prague public park

Holistic architecture

space is

*spiritual
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- *wholeness of the Universe*
- *surrounding and centre*
- *the basic archetypal 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, axially*



Holistic architecture

space is

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



Holistic architecture

space is

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- *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*

Spiritual

*The spirit and soul
level*

Emotional

mood, emotions, feelings

Vital

power, life force

Material

Ecological materials

Holistic architecture

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Spiritual, Holy environment *The spirit and soul level*

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



Holistic architecture

space is

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



*Placing corner stones around property,
creating connection with elemental beings*

*Model Creation of Waldorf school project
in Prague, Czech Republic*



*Creating space by modeling, organic forms inspired by gestures
of the body and by language of nature, inspiration and life music,
fingers and connection with inspiration*

Holistic architecture

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*Organic forms,
creating connection with elemental beings*

Model of Waldorf school in Prague, Czech Republic



Creating space by modeling, organic forms inspired by gestures of the body and by language of nature, fingers and connection with inspiration, shapes for first seven years, childhood and adulthood

Holistic architecture

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

Emotional *mood, emotions, feelings*



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Model of the Centrum of Anthroposofic Society in Czech Republic



Creating space by modeling, organic forms inspired by gestures of the human body

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Group of social workers modeling the house for mentally ill people



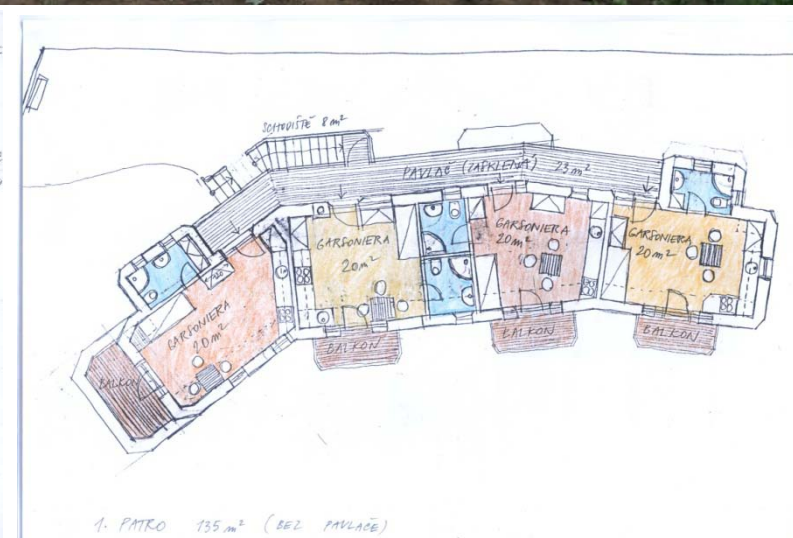
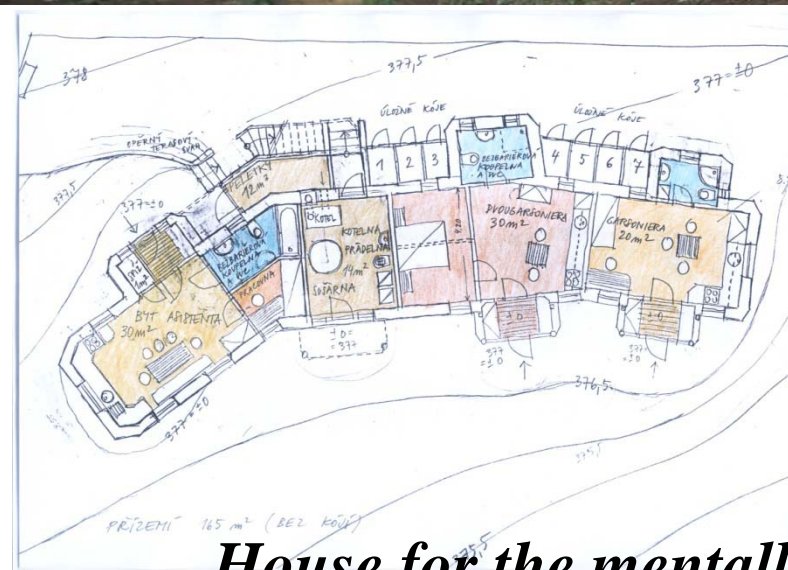
Creating space by modelling

Holistic architecture

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- *designing space as a nest*
- *finding balance between open and close spaces*
- *southfacing*
- *human scale*
- *natural materials*



House for the mentally ill in Slapy, Czech Republic

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- *creation based on subconsciousness*
- *archetypes of organic forms*
- *using elementary forces connected with emotions*
- *world of senses and feelings*
- *influence of inspiration and intuition*



Bio-Hotel, El Palol, Spain



Placing corner stones around property, creating connection with elemental beings

Holistic architecture

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Bio-Hotel, El Palol, Spain

*Creating space by modeling,
organic forms inspired by waves
and by language of nature,
Project based on baubiologic principles*

- *creation based on subconsciousness*
- *archetypes of organic forms*
- *using elementary forces connected with emotions*
- *world of senses and feelings*
- *influence of inspiration and intuition*



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Bio-Hotel, El Palol, Spain

*Creating space by modeling,
organic forms inspired by waves
and by language of nature,
fingers and connection with inspiration*

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*Creating space by modeling,
organic forms inspired by waves
and by language of nature,
fingers and connection with inspiration*

*Private house in area of
Bio-Hotel, El Palol, Spain*

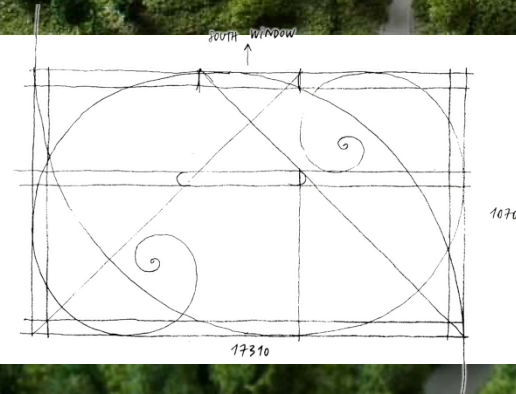


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fingers and connection with inspiration*



*Private house in area of
Bio-Hotel, El Palol, Spain*



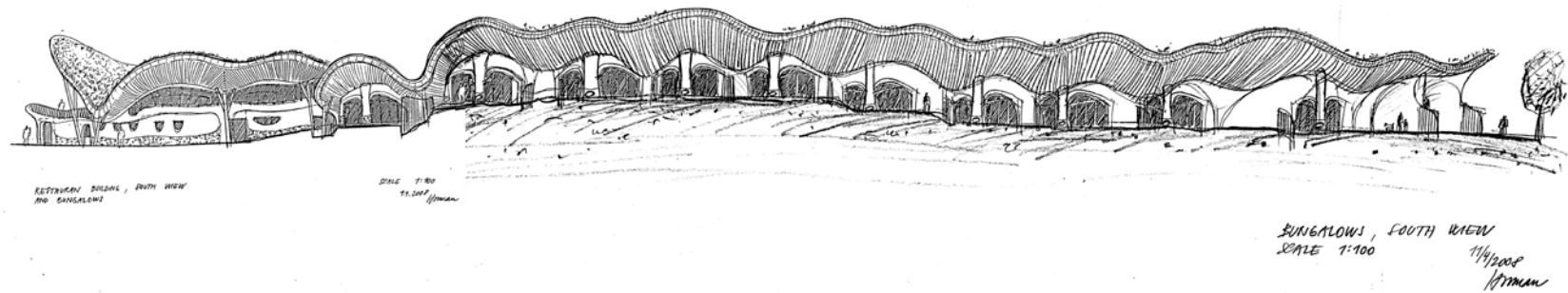
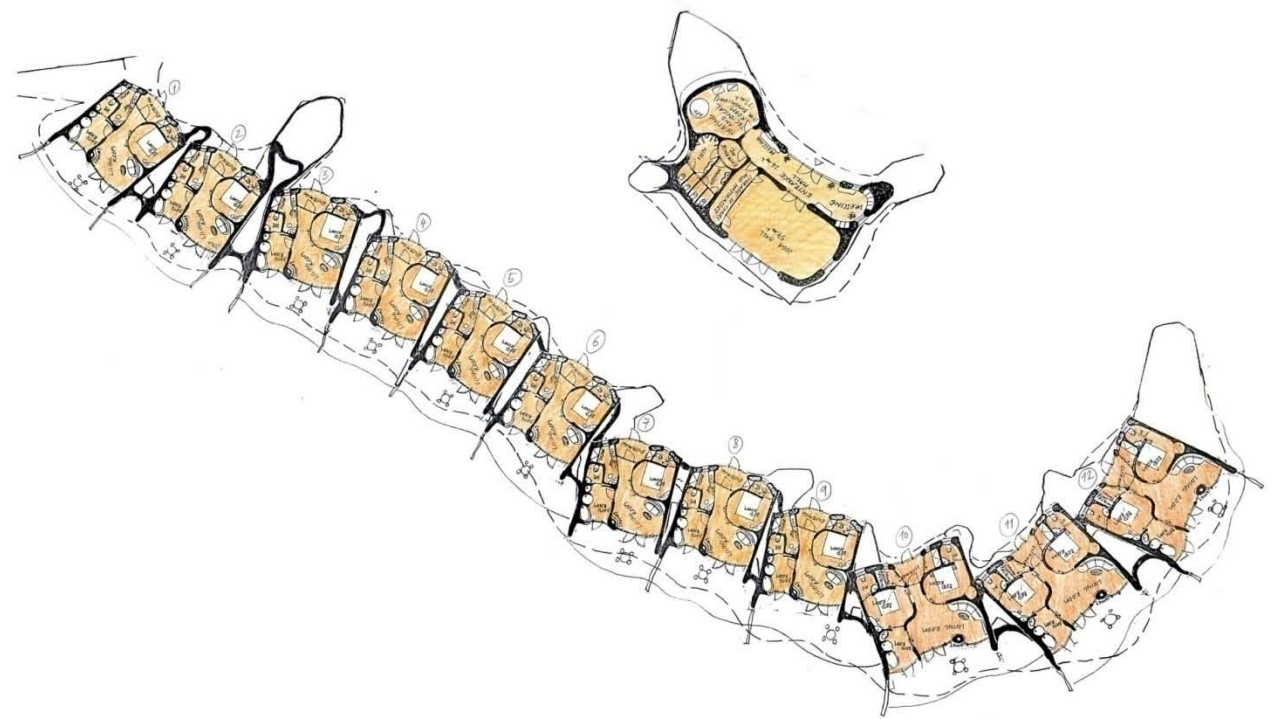
3D virtual model of private house

Holistic architecture

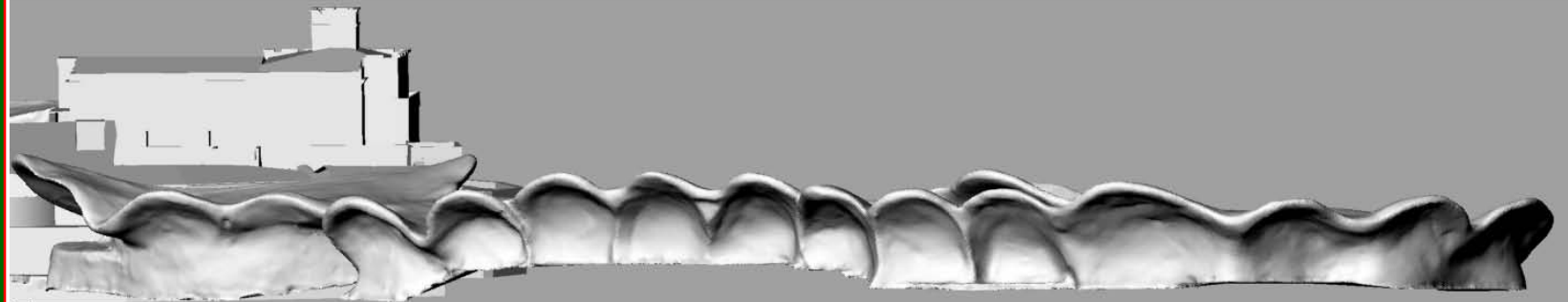
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Sketch of bungalows in area of Bio-Hotel, El Palol, Spain



3D scan of model

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- *atrium house*
- *sacred geometry
based on tree of life
(dodecagon)*
- *symmetry*
- *sustainable
geometrical
principles
generating life
force*
- *biological materials*



*Green roof atrium house,
main entrance, view from north-west*

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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*



Holistic architecture

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

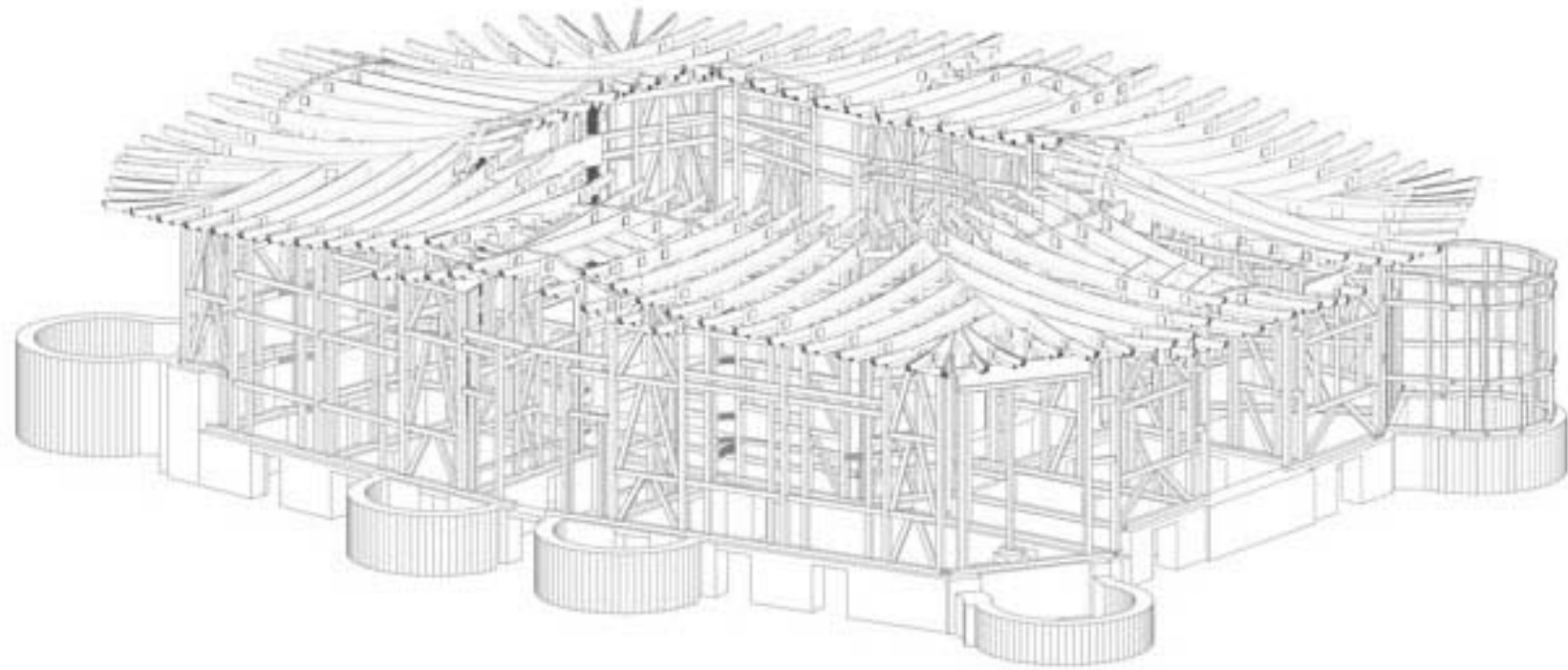


Holistic architecture

space is

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- *framed building*
- *wood structure*
improve charge field
- *the life is*
strengthened by
proper structure
- *sacral geometry*
based on dodecagon



Holistic architecture

space is

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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*



Holistic architecture

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- *atrium house main entrance*
- *sacred geometry based on tree of life*
- *importance of main entrance*
- *Outside and inside „ming tang“*
- *axiality, symetry*
- *organic forms*



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- *atrium house*
- *sacred geometry
based on tree of life*
- *emptiness in the
centre creates
sacred space*
- *organic
architecture*
- *private place
of worship*



*Green roof atrium house,
inner garden*

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- *atrium house*
- *sacred geometry
based on tree of life*
- *emptiness in the
centre create
sacred space*
- *organic
architecture*

Examples of eco-structures



Inner garden

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- *atrium house*
- *emptiness in the centre create sacred space*
- *walls of adobe*
- *accumulate heat well*
- *regulate air humidity*
- *clean toxins from air*
- *regulate ions in the air*

Examples of eco-structures



Inner garden from interior

Holistic architecture

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

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

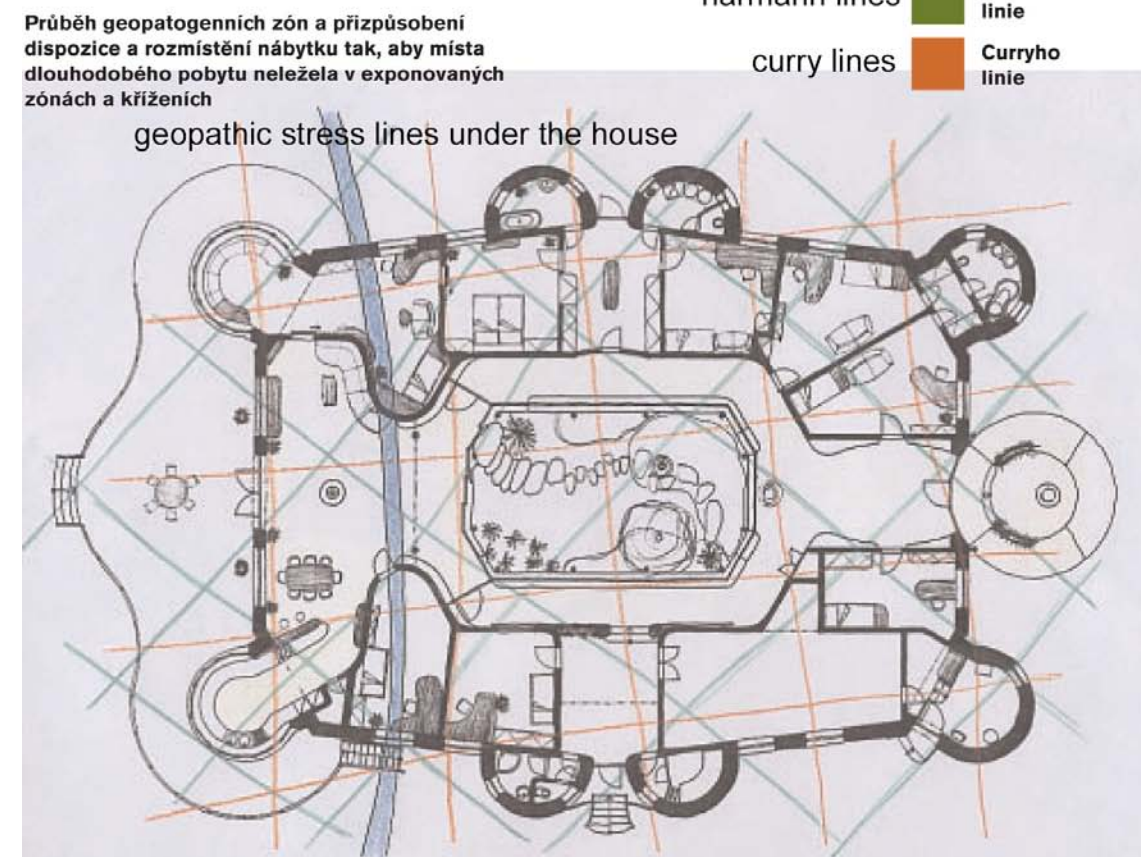
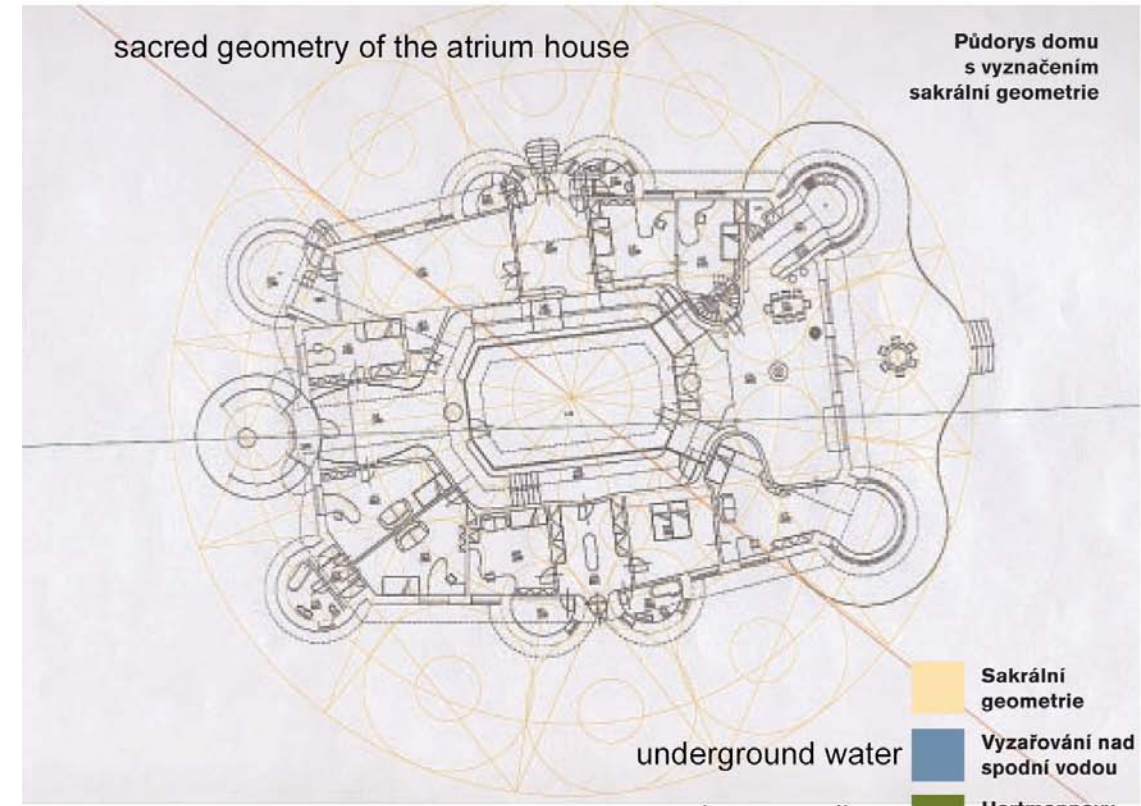


Green roof atrium house

Holistic architecture

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- atrium house
- sacred geometry based on tree of life
- walls of adobe accumulate heat in winter and cold in Summer
- regulate air humidity
- clean toxins from air
- regulate ions in the air

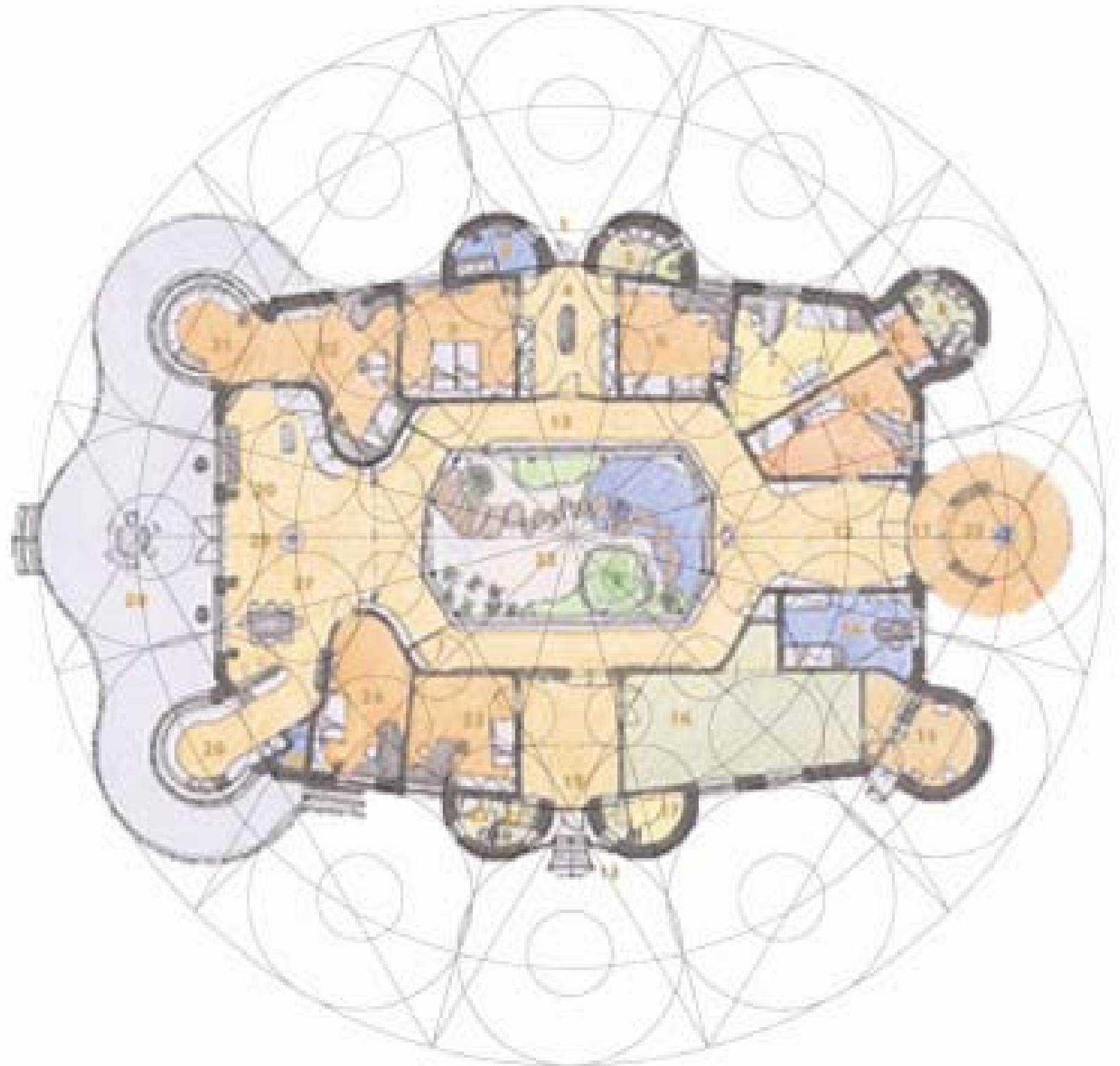


Holistic architecture

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- *atrium house*
- *sacred geometry based on tree of life*
- *sacred geometry of dodecagon*
- *design remodeling level of fractality of the place*



Holistic architecture

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

Examples of eco-structures



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- *walls of adobe*
- *accumulate heat well*
- *regulate air humidity*
- *clean toxins from air*
- *regulate ions in the air*

Examples of eco-structures



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

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- *atrium house*
- *emptiness in the centre create sacred space*
- *walls of adobe*
- *accumulate heat well*
- *regulate air humidity*
- *clean toxins from air*
- *regulate ions in the air*

Examples of eco-structures



View from living room to the inner garden

Holistic architecture

space is

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- *atrium house*
- *language of forms and materials*
- use of natural materials:*
 - *calc paints*
 - *natural oils*
 - *wood*
 - *stone*
 - *clay*
 - *unburnt bricks*
 - *anhidrite*
 - *copper*

Examples of eco-structures



entrance to the outside terrace and garden

Holistic architecture

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

Vital

power, vitality level

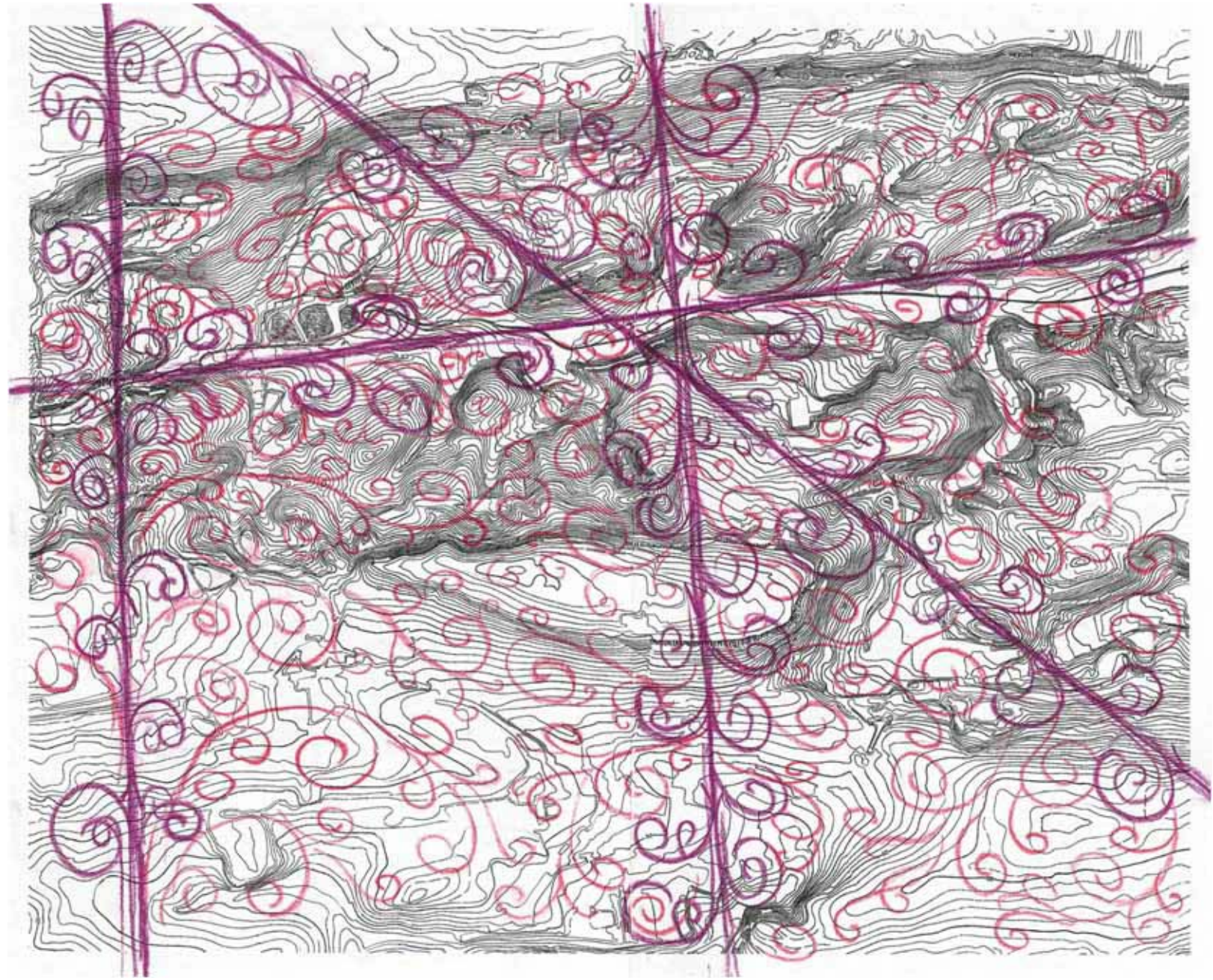


Holistic architecture

space is

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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

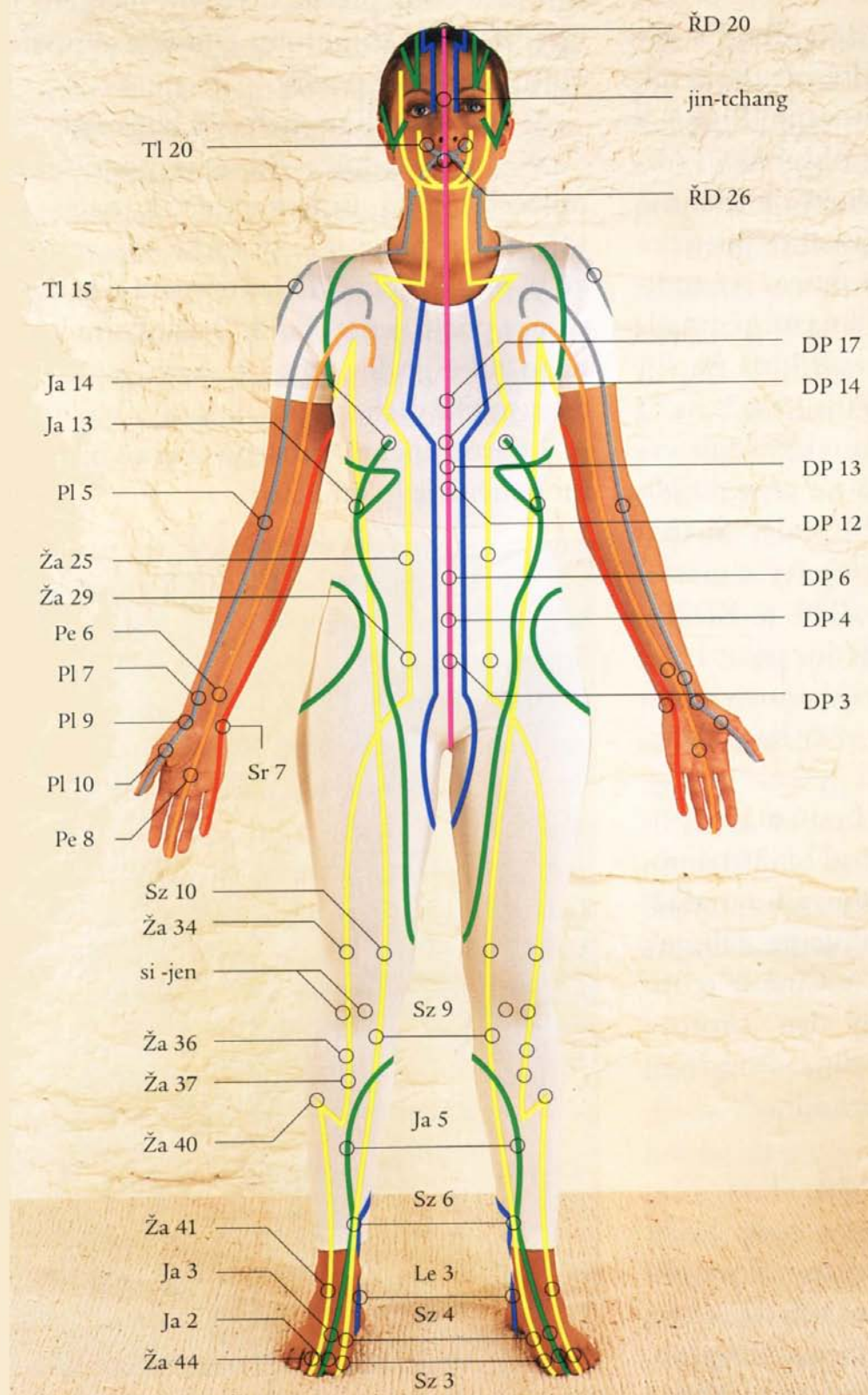
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- *human meridian systém*

- *energy path*

- *Universal life force coming into organs*



Zjednodušený pohled zepředu a z boku na meridiány probíhající po povrchu těla. O bodech pojednáváme v tabulkách na s. 29 až 41. Meridiány probíhají a body jsou rozloženy na obou stranách těla stejně. Svou roli ovšem hraje anatomie každého jednotlivce. Zde uvádíme body pro vyobrazené ženské tělo; nezdají se být vždy symetrické.

KLÍČ K MERIDIÁNŮM	
	Plice (Pl) a tlusté střevo (Tl)
	Slezina (Sz) a žaludek (Ža)
	Srdce (Sr) a tenké střevo (Tn)
	Meridián perikardu (Pe) a tři zářiče (TZ)
	Ledviny (Le) a močový měchýř (MM)
	Játra (Ja) a žlučník (Žl)
	Řídící dráha a dráha početi (ŘD a DP)

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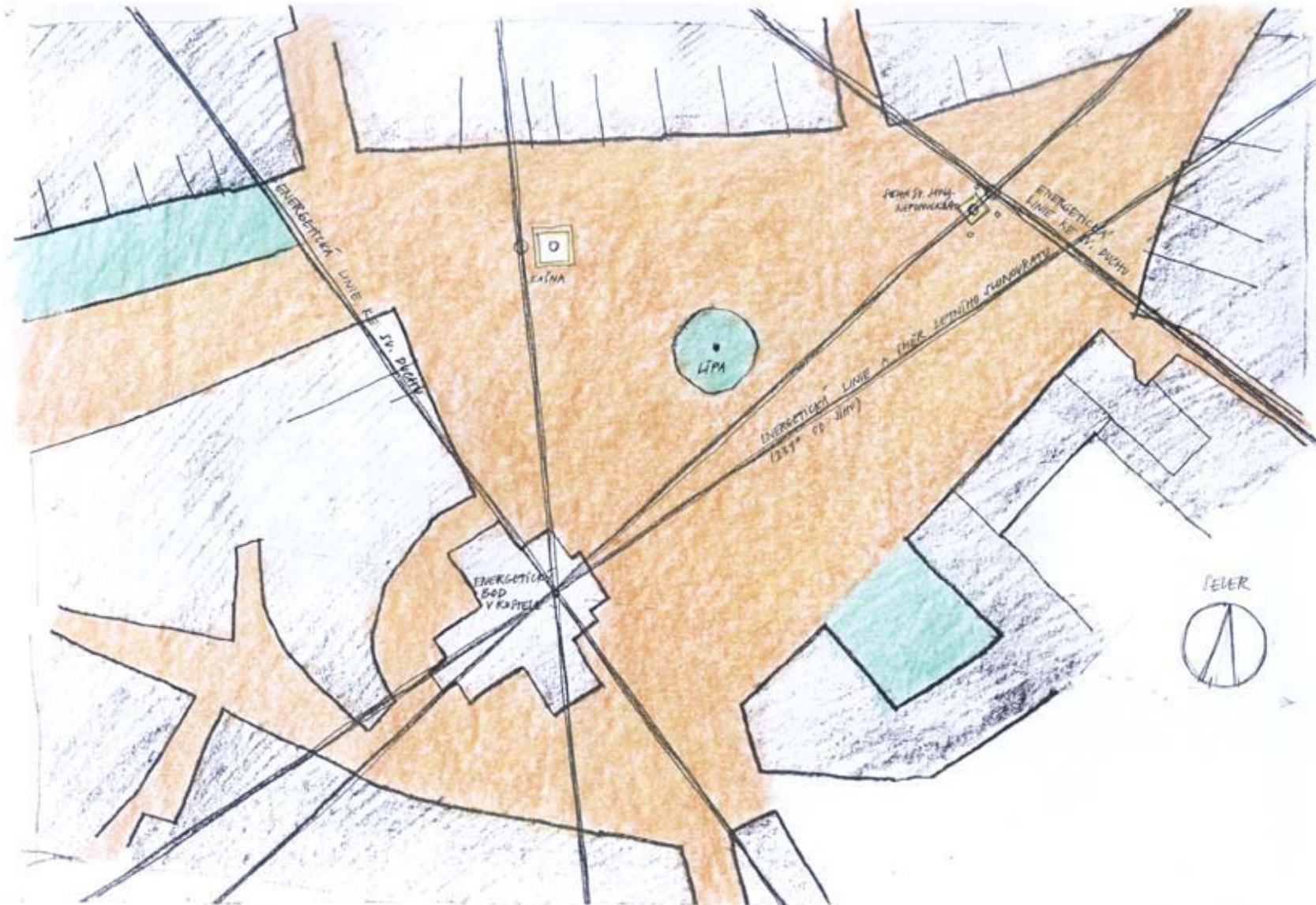
Ley lines around town Vlachovo Brezi in South Bohemia, Czech Republic

Holistic architecture

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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*



Geomantický průzkum náměstí ve Vlachově Březi, půdorysné uspořádání, měřítko 1 : 500.

akad. arch. Oldřich Hozman, duben 2005.

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

Holistic architecture

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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

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



Blessing of corner stones



Corner stones around linden-tree on crosses of life force lines of the town Vlachovo Brezi in South Bohemia, Czech Republic

Holistic architecture

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- *life force flowing in nature*
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- *application into modern arrangement*



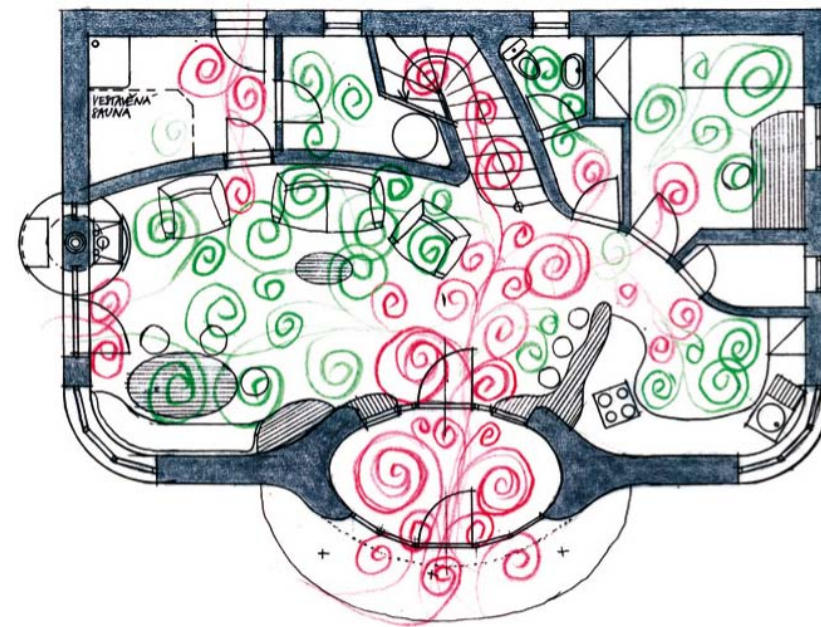
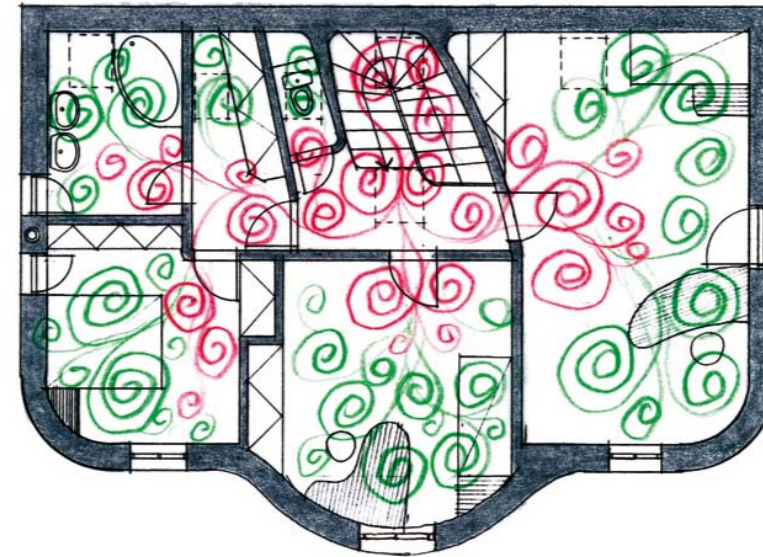
Ley lines in the square of the town Vlachovo Brezi in South Bohemia

Holistic architecture

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



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

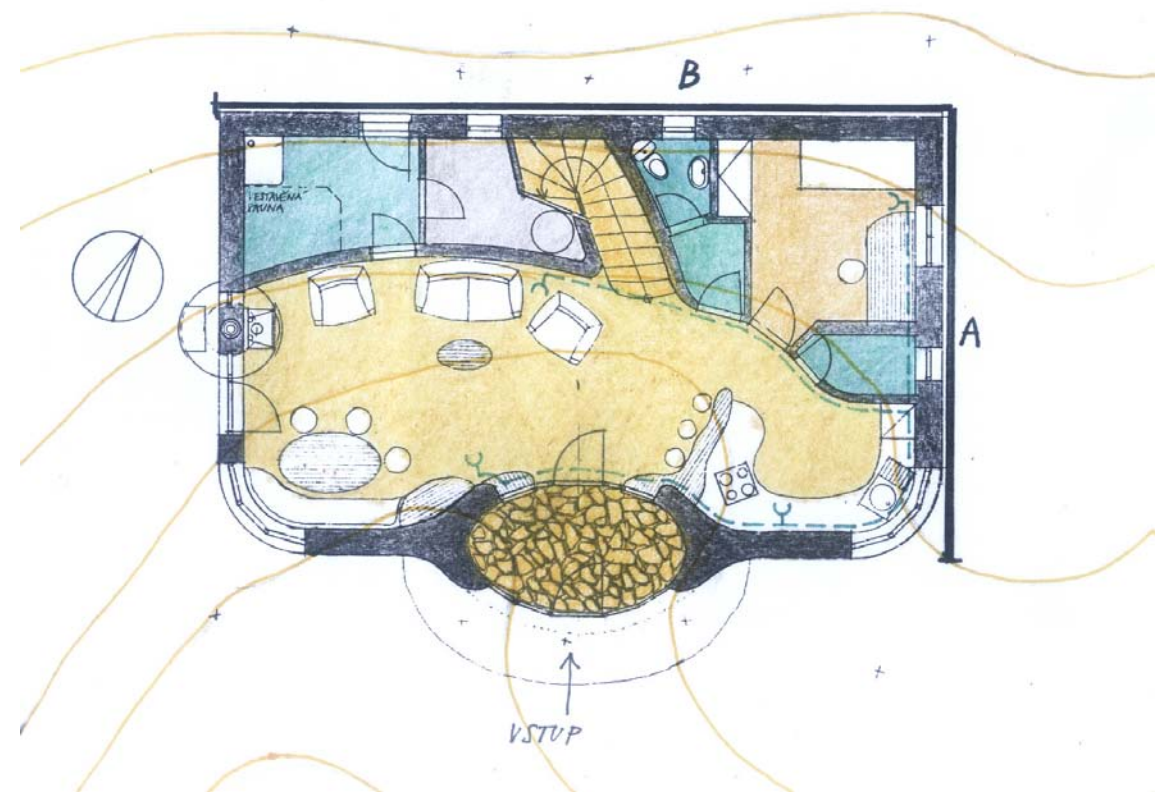
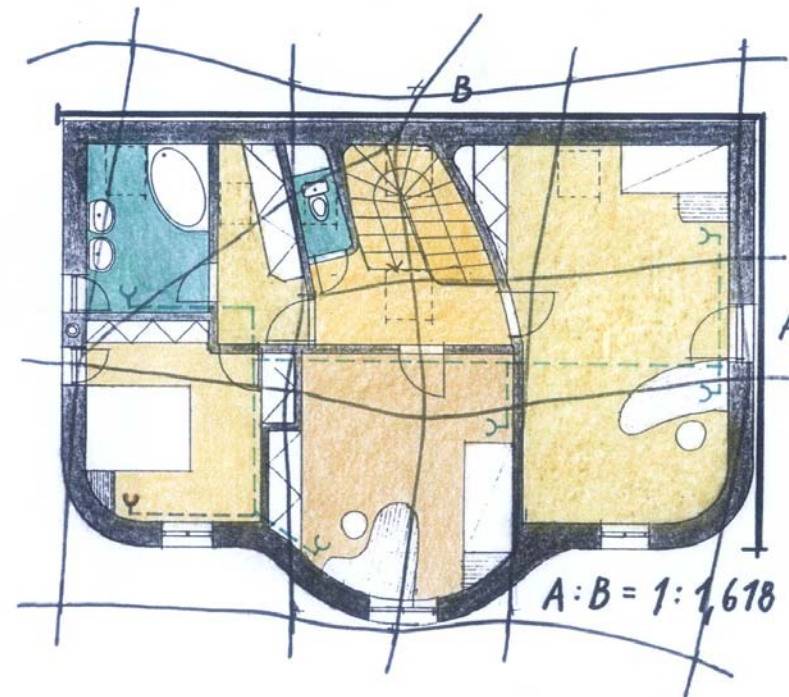


Holistic architecture

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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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- *passive and active site of the space*
- *natural materials*
- *wood, oils, wax, clay plasters, natural paints*



Holistic architecture

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- *passive and active site of the space*
- *natural materials*
- *wood, oils, wax, clay plasters, natural paints*



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*
- *Suitable tones
of colours for child*

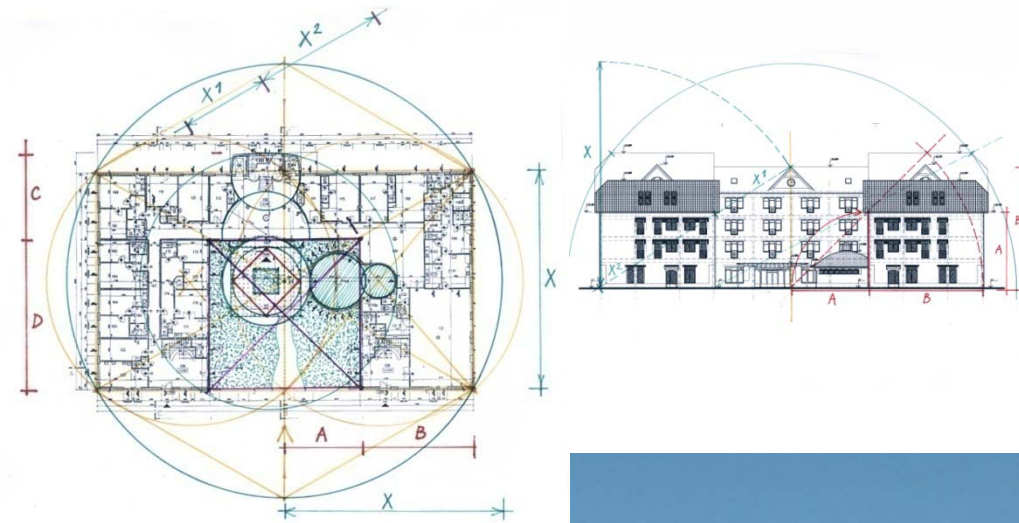


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- *importance of beauty in architecture*
- *golden ratio*
- *relationship between the width of the floor plan and the height*



Home for Elderly in Prague 5 based on geometry of hexagon

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- *Geomancy*
- *ritual of placing foundation (corner) stone*
- *Meditation, mantras, songs, using rhythm (poetry, dance, singing...)*
- *to strengthen the place, vital energy*

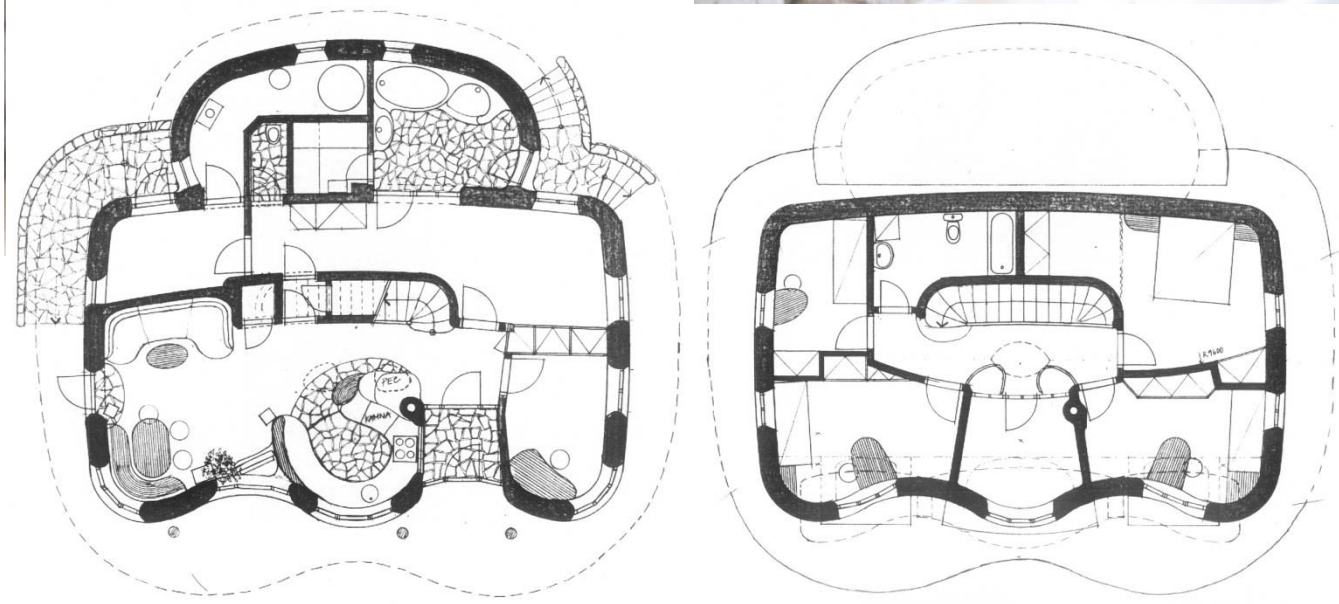


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- *touch and sight*
- *modeling, createing your own ideas*
- *spontaneous creation*
- *creations full of life*
- *connection with elemental Id*



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Material *Ecological constructions*

- *Attic and walls insulated by straw bales*
- *good insulation features*
- *healthy material*
- *breathing material*
- *Biodegradable*



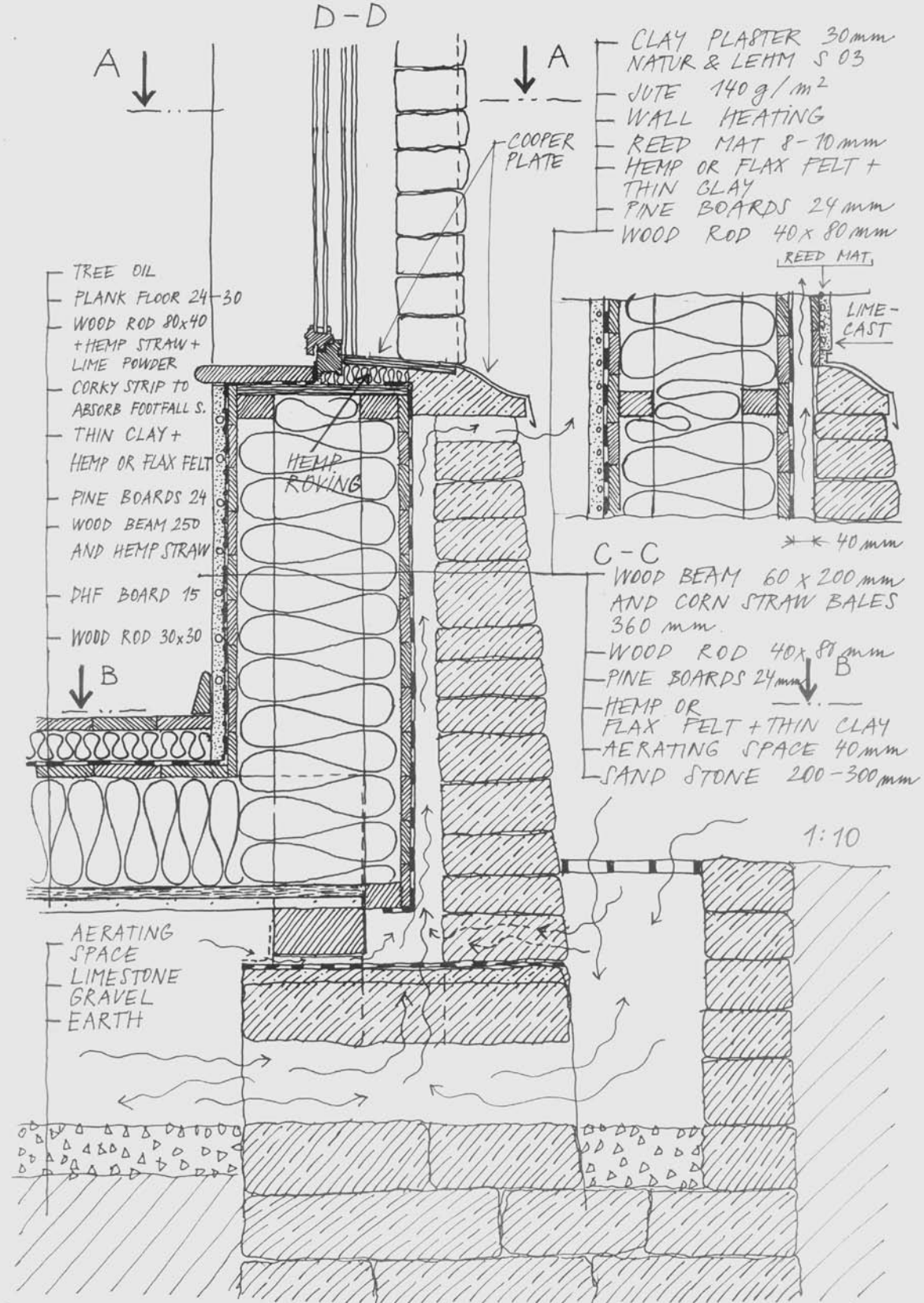
Private family house in Lany, Czech Republic, wooden house

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- attic and walls insulated by straw bales
- good insulation features
- healthy material
- breathing material
- vapour open
- Biodegradable
- Natural vegetable materials are vital, full of life force



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- *attic insulated by straw bales*
- *good insulation features*
- *healthy material*
- *breathing material*
- *biodegradable*
- *shielded cable*

Examples of eco-structures



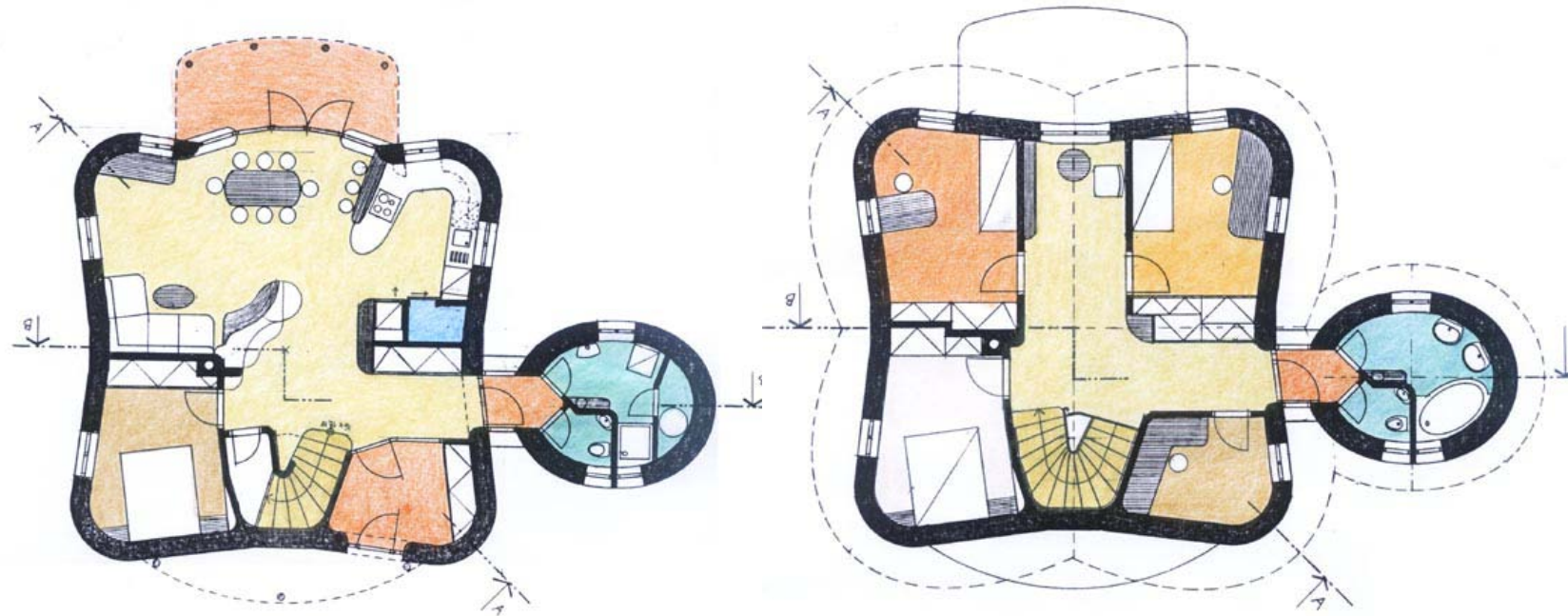
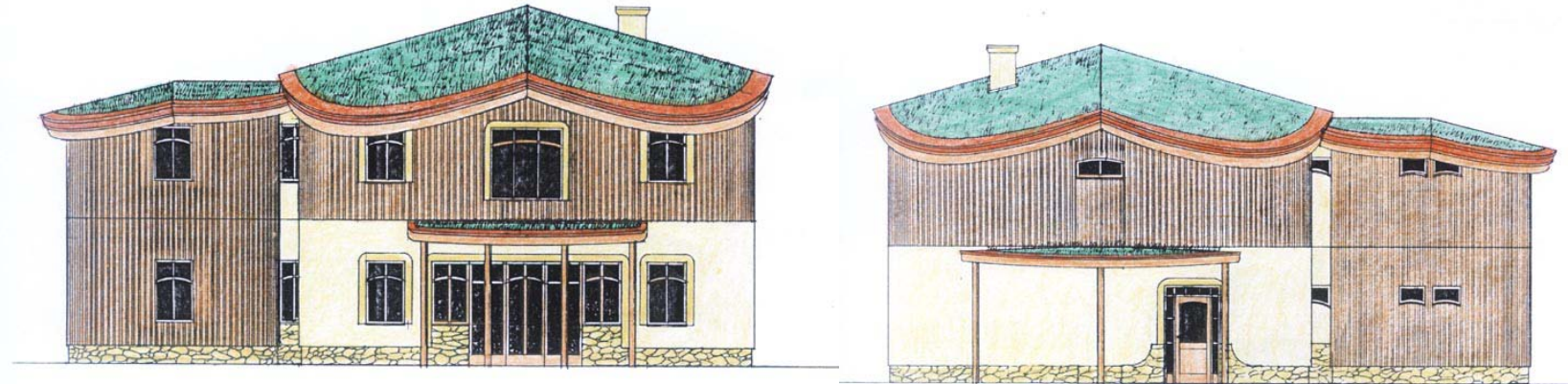
Wood construction of family house, insulated by straw bales.

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



*Private family house in Chrustenice, Czech Republic,
energy efficient house.*

Holistic architecture

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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 with green roof,
south view

Holistic architecture

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



energy efficient house with green roof,
made from natural building materials

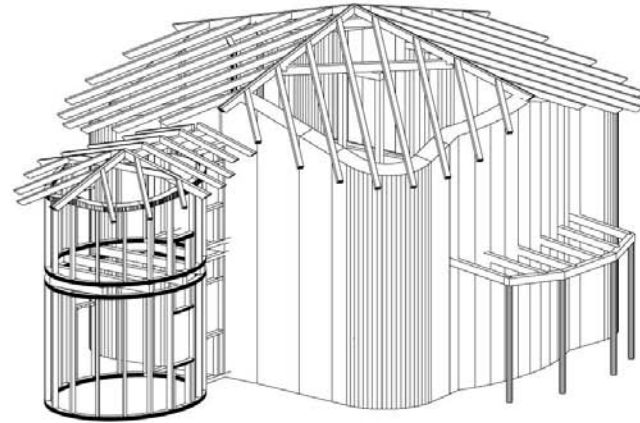
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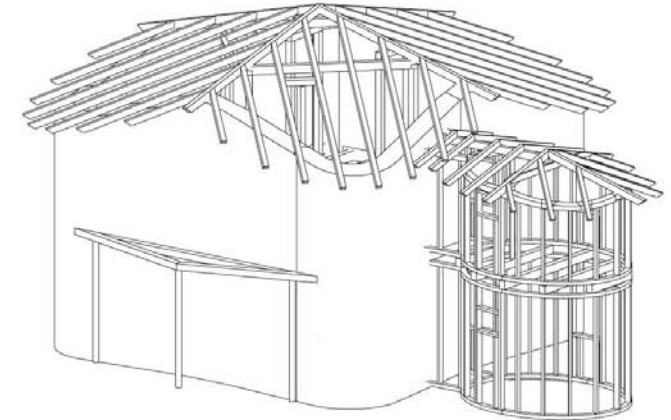
spiritual
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material

- *wooden construction*
- *support life force*
- *slow heart rate*
- *reduce influence of electro smog*
- *sustainable material*

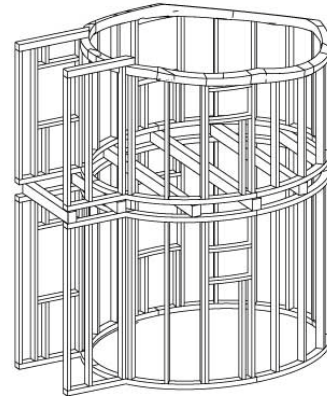
POHLED J-Z



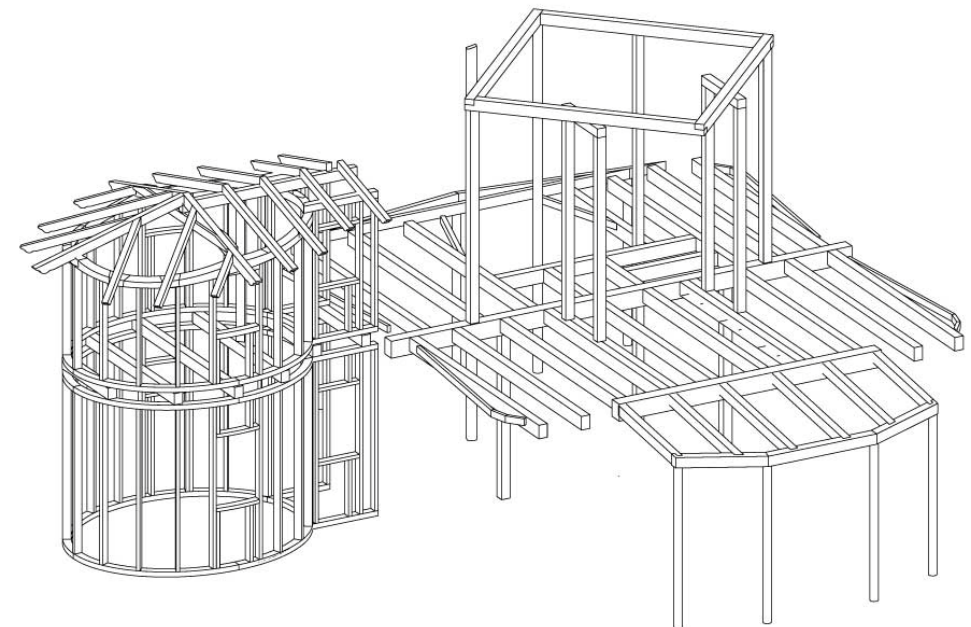
POHLED S-Z



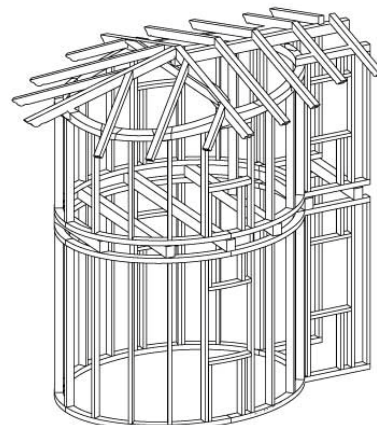
POHLED ABSIDA S-Z



POHLED KONSTRUKCE



POHLED ABSIDA J-Z



Holistic architecture

space is

*spiritual
emotional
vital
material*

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



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- *creation based on subconsciousness*
- *archetypes of organic forms*
- *using elementary forces connected with emotions*
- *world of senses and feelings*
- *influence of inspiration and intuition*



*Alternative education centre Maitrea
in Prague, Czech republic*

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*Interior of vegetarian restaurant Maitrea
in Prague, Czech republic*

Holistic architecture

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- *to remember spiritual level as beginning of every project*
- *creation and human subconscious*
- *thoughts influence the work*
- *conscious care of environment*
- *world of feelings and intuition*
- *beauty and love*

free will and happiness from creativity



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

Holistic architecture

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