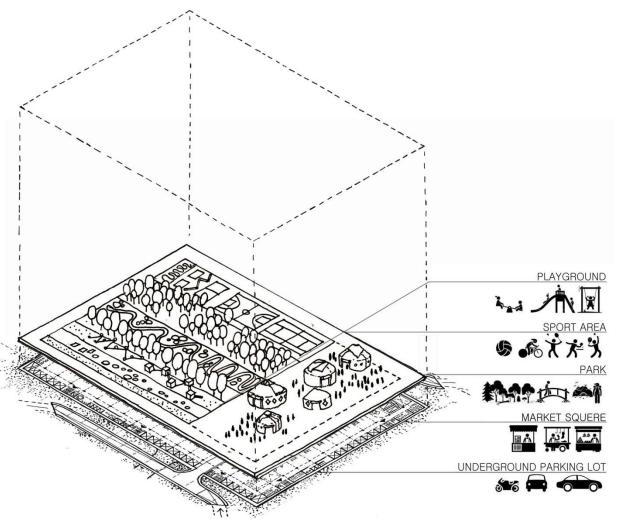


THANKS TO THE FORM OF THE HOUSING STRUCTURE.

GREEN VALLEY COMMUNICATION D I A G R A M S PEDESTRIAN TRAFFIC WHEELED VEHICLES UNDERGROUND PARKING LOT TECHNICAL SUPPORT

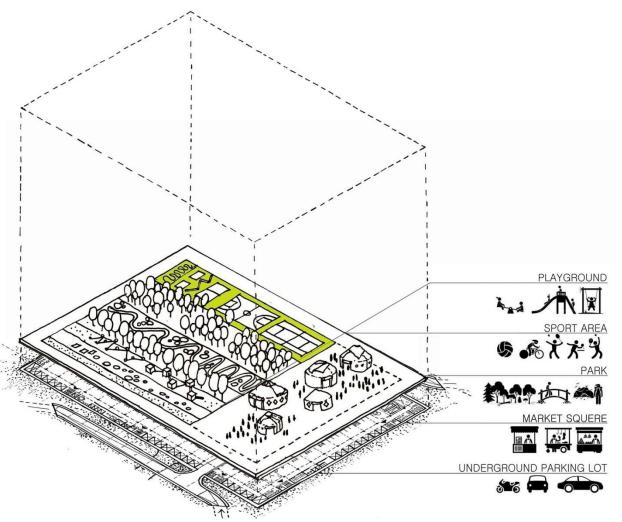






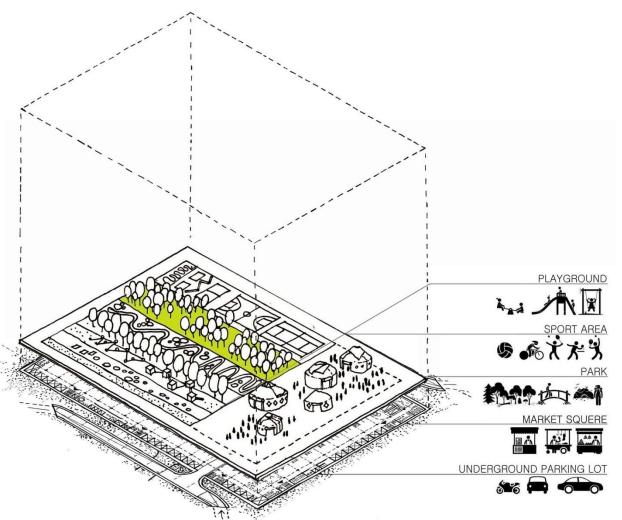






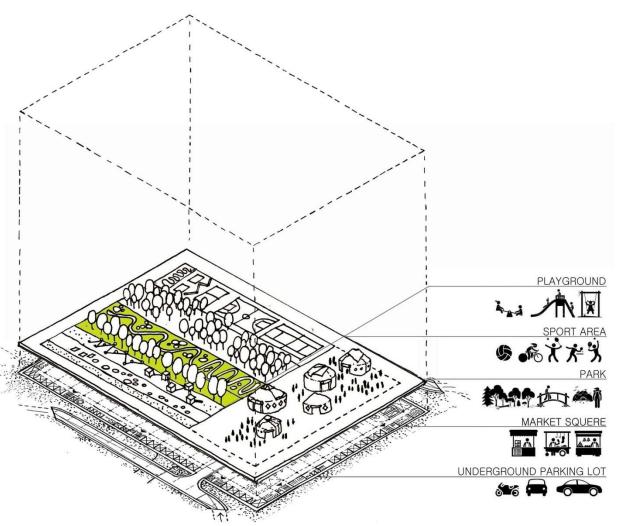






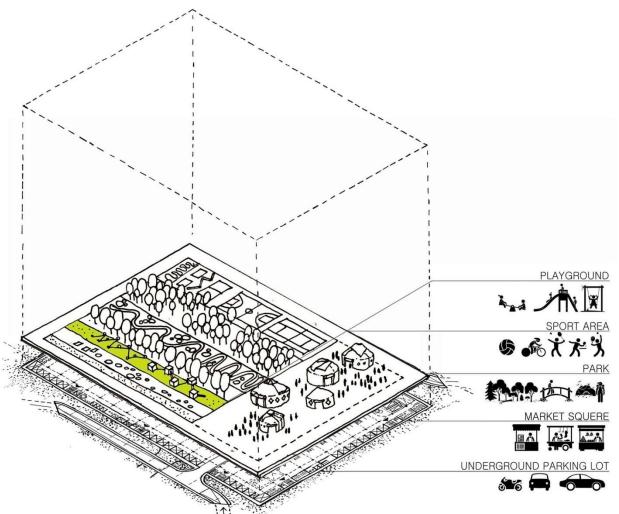


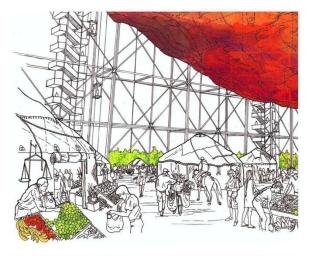




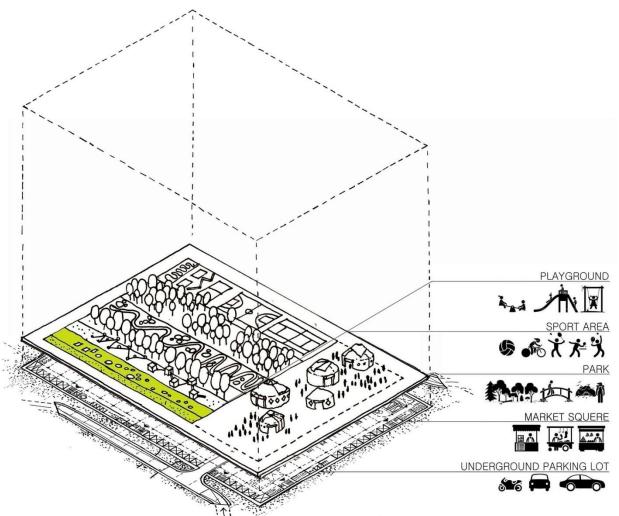






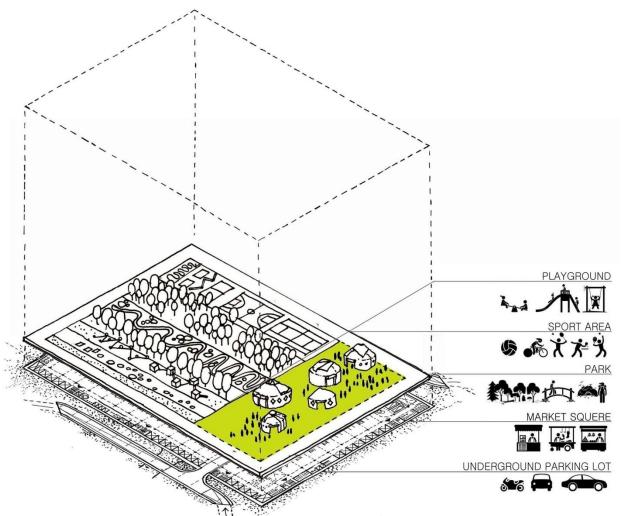






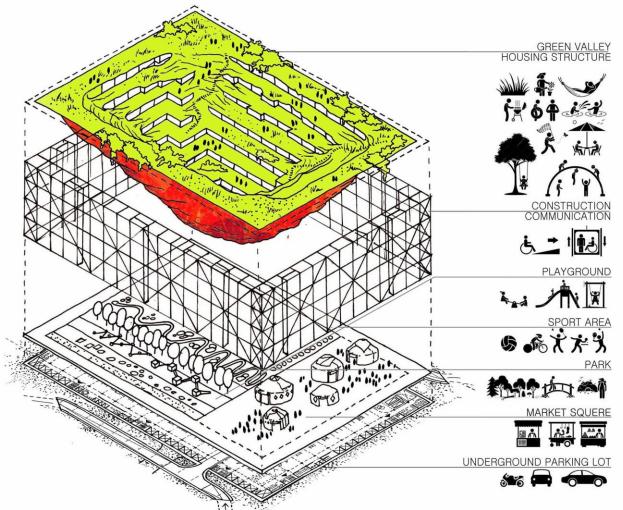












STATISTICS:



135



465



258



48



4050 m2



29335 m2



9525 m2



3673 m2



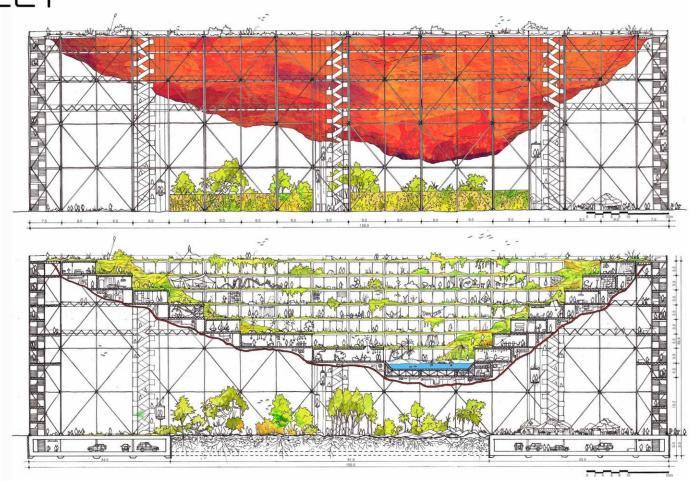
3645 m2



1633 m2



31432 m3



STATISTICS:



135



465



258



18



4050 m2



29335 m2



9525 m2



3673 m2



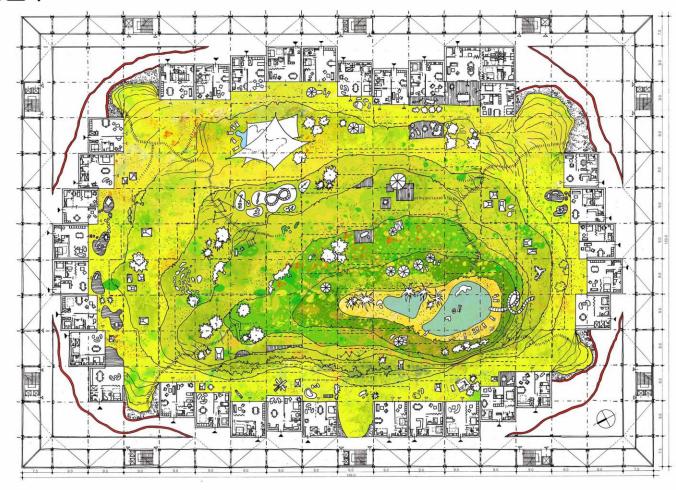
3645 m2

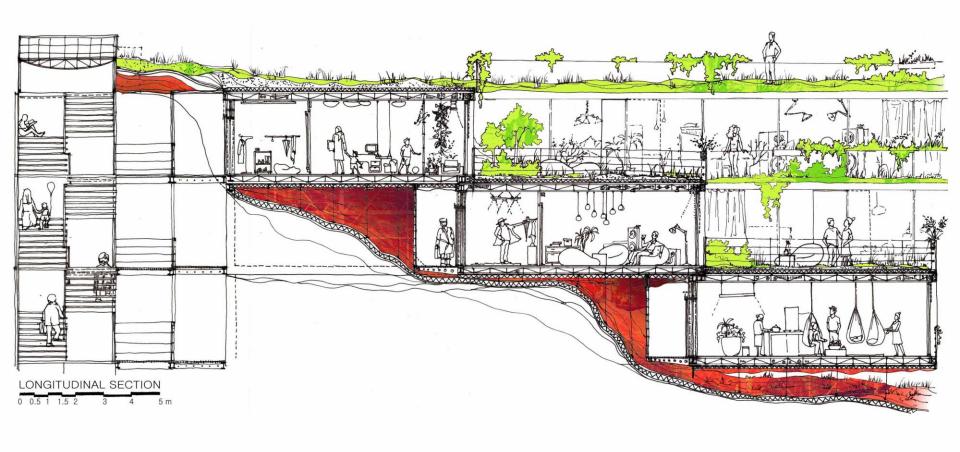


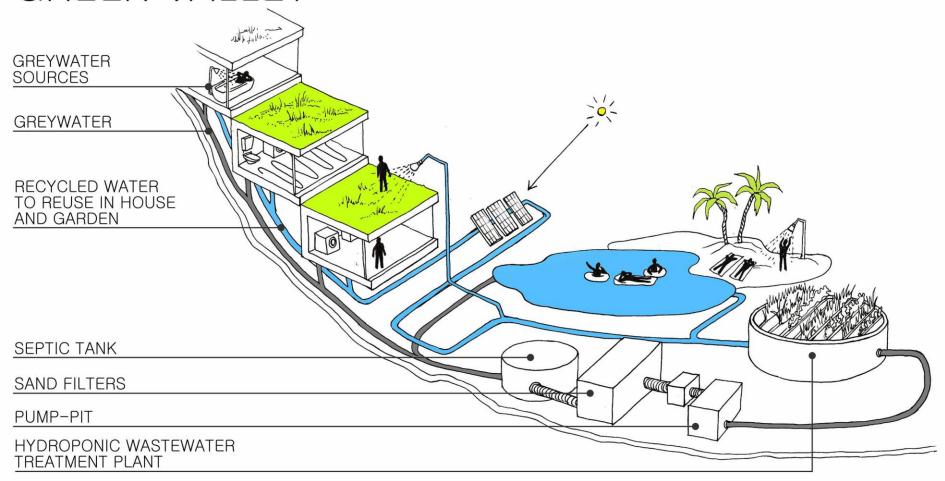
1633 m2



31432 m3









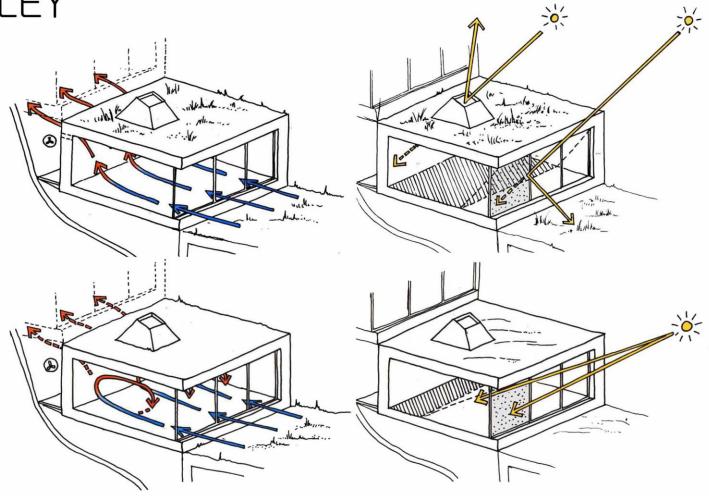
CROSS VENTILATION COOLS THE APARTMENT DOWN

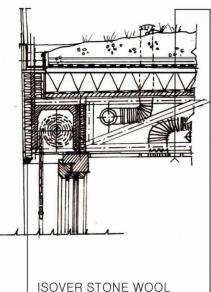
REFLECTION OF THE SUNLIGHT AND ACCUMULATION OF THE SOLAR ENERGY BY PHOTOVOLTAIC PANELS



VENTILATION IS FOCUSED ON SYSTEM WITH HEAT RECOVERY

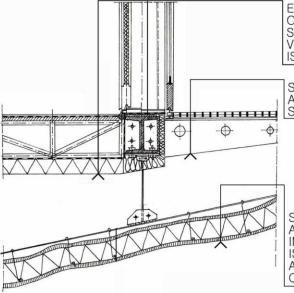
ABSORBTION OF THE SUNLIGHT AND ACCUMULATION OF THE SOLAR ENERGY BY PHOTOVOLTAIC PANELS





DETAILS

SOIL WITH PLANTINGS
FILTER FABRIC
MOISTURE RETENTION LAYER
AERATION LAYER
DREINAGE LAYER
MOISTURE BARRIER
LOAD-BEARING LAYER
ISOVER MINERAL GLASS WOOL
ISOVER STONE WOOL
VAPOR BARRIER ISOVER STOPAIR
OSB BOARD
STEEL CONSTRUCTION ELEMENT
SAINT GOBAIN ECOPHON PANELS



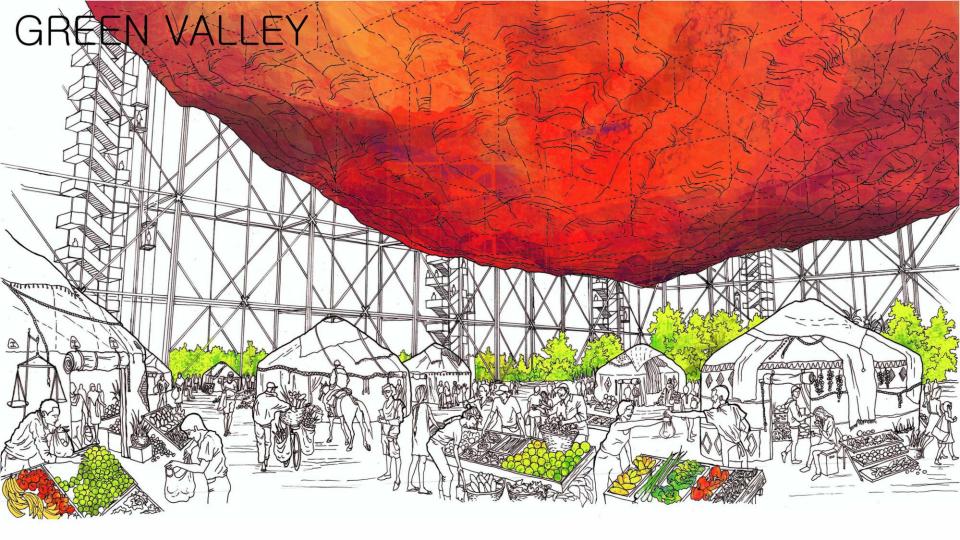
EPOXY RESIN FLOOR
OSB BOARD
STEEL CONSTRUCTION ELEMENT
VAPOR BARRIER ISOVER VARIO DUPLEX
ISOVER MINERAL WOOL PANELS

STEEL GRATING WALKWAY AMORTIZING BASE STEEL CANTILEVER

STEEL ROD
ALLUMINIUM CONNECTION
INTERNAL COLOURED MEMBRANE
ISOVER MINERAL WOOL
ADHESION SPRAYED EXTERNAL
COLOURED MEMBRANE

٨	MULTI-COMFORT CRITERIA	REQUIRED	RECEIVED
<i>A</i>	HEATING ENERGY DEMAND	<30 kWh/m2a	18 kWh/m2a
	COOLING ENERGY DEMAND	<15 kWh/m2a	12 kWh/m2a
	AIR TIGHTNESS	0,6 V/h	0,3 V/h
	DAYLIGHTNING (%)	60%	70%
	SUMMER COMFORT (%)	10%- 5%	7%

ACOUSTICS (CRITERIA	REQUIRED	RECEIVED
BETWEEN	AIRBORNE	>58dB	62dB
DWELLINGS	IMPACT	<45dB	44dB
BETWEEN	AIRBORNE	>45dB	47dB
ROOMS	IMPACT	<50dB	46dB
FROM EXTERIOR NOISE		<25dB	20dB





THANK YOU FOR YOUR ATTENTION