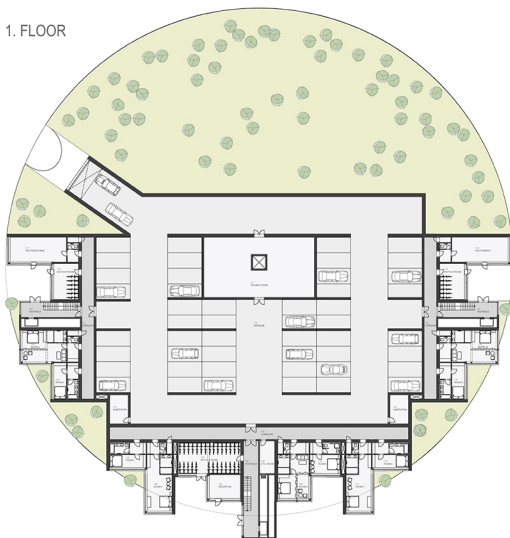


THREE SISTERS

1. FLOOR



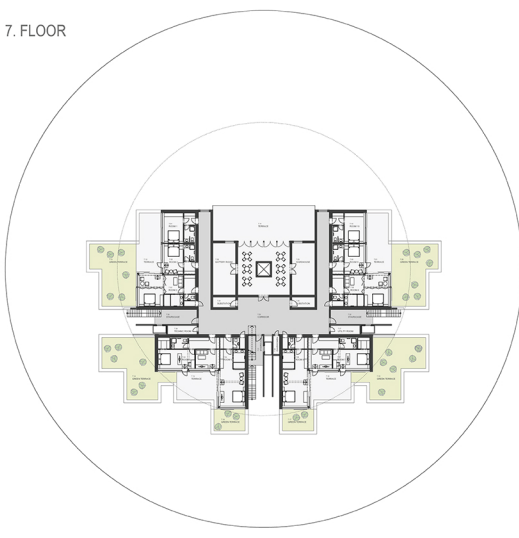
LEGEND OF ROOMS - 1. floor

N.	Name of rooms	Area (m ²)
1.01	POLYFUNCTIONAL	44.27
1.02	RECYCLE ROOM	39.00
1.03	ROOM 1	45.47
1.04	ROOM 2	29.40
1.05	ROOM 3	29.40
1.06	ROOM 4	44.27
1.07	RECYCLE ROOM	39.00
1.08	RECEPTION	14.00
1.09	ROOM 5	45.47
1.10	ROOM 6	29.40
1.11	ROOM 7	29.40
1.12	ROOM 8	29.40
1.13	ROOM 9	29.40
1.14	ROOM 10	45.47
1.15	RECYCLE ROOM	39.00
1.16	POLYFUNCTIONAL	44.27
1.17	TECHNICAL ROOM	100.23
1.18	LAUNDRAGE	1.710.41
1.19	SUBSTATION	14.00
1.20	SUBSTATION	14.00
1.21	CORRIDOR	31.00
1.22	CORRIDOR	31.00
1.23	CORRIDOR	31.00
1.24	VESTIBULE	27.00
1.25	UTILITY ROOM	12.00
1.26	CORRIDOR	31.00
1.27	VESTIBULE	32.00
		2 110.34 m²

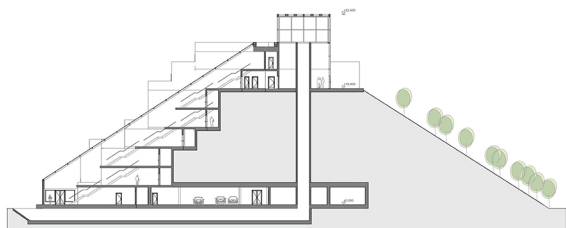
LEGEND OF ROOMS - 7. floor

N.	Name of rooms	Area (m ²)
7.01	ROOM 1	24.00
7.02	ROOM 2	24.00
7.03	ROOM 3	45.43
7.04	ROOM 4	45.43
7.05	ROOM 5	44.00
7.06	ROOM 6	44.00
7.07	ROOM 7	44.00
7.08	ROOM 8	45.43
7.09	ROOM 9	24.00
7.10	ROOM 10	24.00
7.11	TECHNICAL	100.00
7.12	TECHNICAL	100.00
7.13	GREEN TERRACE	72.00
7.14	GREEN TERRACE	72.00
7.15	GREEN TERRACE	72.00
7.16	GREEN TERRACE	72.00
7.17	GREEN TERRACE	72.00
7.18	GREEN TERRACE	72.00
7.19	GREEN TERRACE	72.00
7.20	GREEN TERRACE	72.00
7.21	TECHNICAL	100.00
7.22	TECHNICAL	100.00
7.23	LAUNDRAGE	31.00
7.24	SUBSTATION	14.00
7.25	SUBSTATION	14.00
7.26	TECHNICAL ROOM	72.00
7.27	UTILITY ROOM	7.00
7.28	CORRIDOR	31.00
7.29	CORRIDOR	31.00
7.30	STAIRCASE	21.00
7.31	STAIRCASE	21.00
7.32	STAIRCASE	21.00
		1 100.34 m²

7. FLOOR

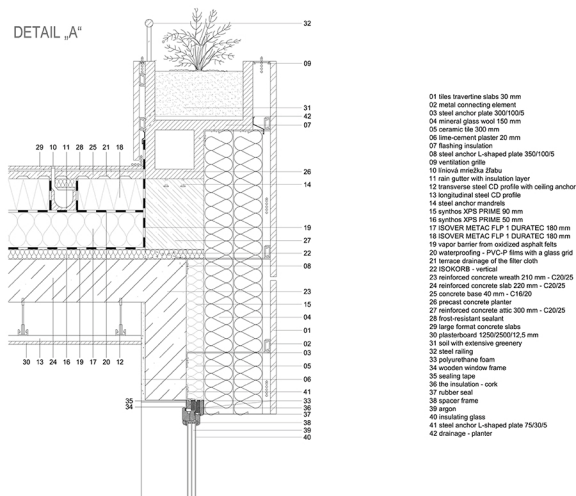


SECTION - A



SECTION - B

DETAIL „A“



- 01 blue insulative slabs 30 mm
- 02 metal connecting element
- 03 steel anchor plate 300/100/5
- 04 mineral glass wool 150 mm
- 05 ceramic tile 300 mm
- 06 tile-center spacer 20 mm
- 07 flashing insulation
- 08 steel anchor L-shaped plate 350/100/5
- 09 ventilation grille
- 10 Isovolat erlenka flange
- 11 rain gutter with insulation layer
- 12 transverse steel CD profile with ceiling anchor
- 13 longitudinal steel CD profile
- 14 synthos XPS PRIME 50 mm
- 15 synthos XPS PRIME 50 mm
- 17 ISOVER METAC FL P DURATED 180 mm
- 18 ISOVER METAC FL P DURATED 180 mm
- 19 vapor barrier from oxidized asphalt felt
- 20 waterproofing - PVC-P film with a glass grid
- 21 terrace drainage of the filter cloth
- 22 ISOVOLAT - vertical
- 23 reinforced concrete slabs 210 mm - C20/25
- 24 reinforced concrete slab 220 mm - C20/25
- 25 concrete base 40 mm - C16/20
- 26 precast concrete planter
- 27 reinforced concrete attic 300 mm - C20/25
- 28 frost-resistant isolant
- 29 large format concrete slabs
- 30 plasterboard 1250/650/12.5 mm
- 31 soil with extensive greenery
- 32 steel railing
- 33 polyurethane foam
- 34 window frame
- 35 window frame
- 36 window frame
- 37 rubber seal
- 38 window frame
- 39 window frame
- 40 window frame
- 41 steel anchor L-shaped plate 75/50/5
- 42 drainage - planter

CALCULATIONS

Heat Demand Calculations

Transmission Heat Losses:	266170.14 kWh/a
Ventilation Heat Losses:	44111.56 kWh/a
Total Heat Losses:	310281.70 kWh/a
Internal Heat Gains:	56645.57 kWh/a
Available Solar Heat Gains:	213899.27 kWh/a
Total Heat Gains:	239394.04 kWh/a
Annual Heat Demand:	70887.66 kWh/a
Specific Annual Heat Demand:	14.07 kWh/(m ² a)

CALCULATIONS

Overheating Calculations

Exterior Thermal Transmittance:	1491.73 W/K
Ground Thermal Transmittance:	427.17 W/K
Exterior Ventilation Transmittance:	2744.28 W/K
Ground Ventilation Transmittance:	548.86 W/K
Solar Aperture:	378.55 m ²
Frequency of Overheating:	0.00 %

HOTEL ROOMS

LEGEND OF ROOMS - 8. floor

N.	Name of rooms	Area (m ²)
8.01	WARD.	3.60
8.02	BEDROOM	15.02
8.03	BATHR.	4.06
8.04	VESTIB.	5.65
8.05	WC	1.71
8.06	DINING R.	9.15
8.07	KITCHEN	5.80
8.08	LIVING R.	11.92
8.09	TERRACE/cover	7.96
8.10	TERRACE	17.64
8.11	GREEN TERRACE	32.85
8.12	CELLAR	1.53
		117.69 m²

APARTMENT

LEGEND OF ROOMS - 8. floor

N.	Name of rooms	Area (m ²)
8.01	VESTIB.	3.60
8.02	ROOM 1	15.02
8.03	BATHR.	4.06
8.04	VESTIB.	5.65
8.05	LAUNDRY	1.53
8.06	WC	1.71
8.07	LIVING R.	9.15
8.08	BATHR.	5.80
8.09	ROOM 2	11.55
8.10	TERRACE	7.96
8.11	TERRACE	17.64
8.12	GREEN TERRACE	32.85
		117.32 m²

Energy efficiency classes

