

Kardia Kerkyras

Laus, Petar

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Kardia Kerkyras









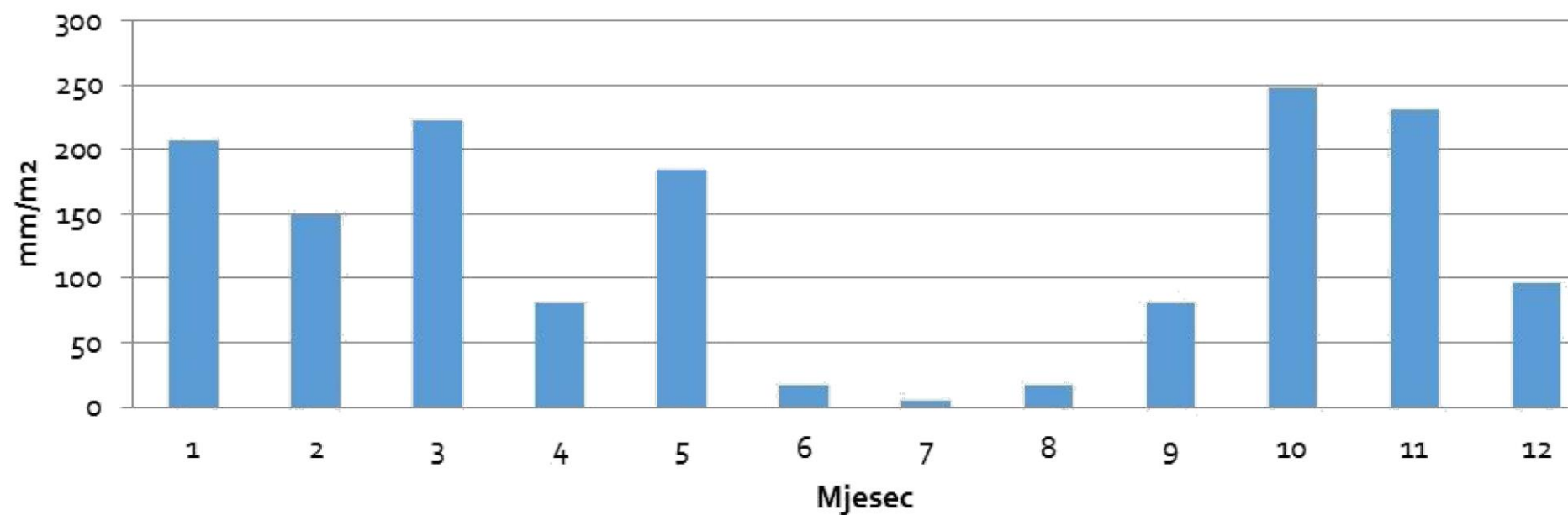




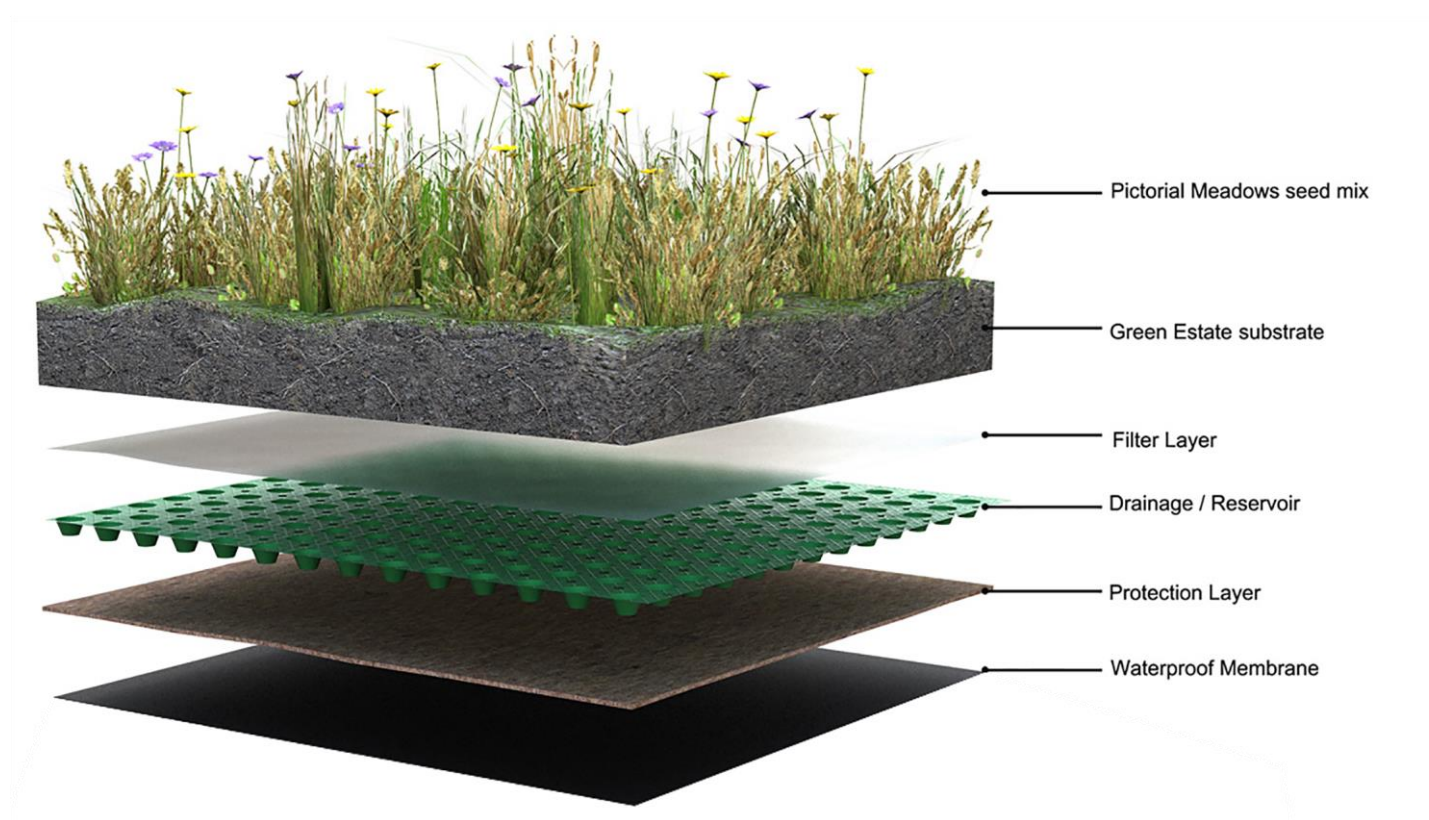




Padaline

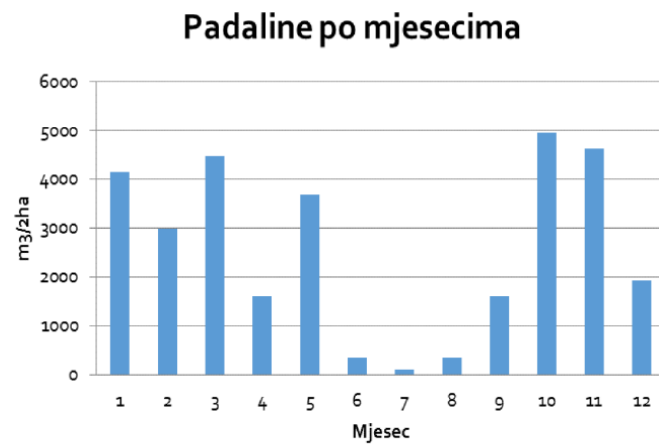


Graf količine padalina po mjesecima



Mjesec	Broj dana	Padaline (mm/m ²)	Bruto količina vode prikupljene na dva hektra (m ³ /zha)	Bruto količina vode prikupljene na dva hektra kumulativno (m ³ /zha)
Siječanj	31	207,1	4 142	4 142
Veljača	28	148,8	2 976	7 118
Ožujak	31	223	4 460	11 578
Travanj	30	80,6	1 612	13 190
Svibanj	31	184,5	3 690	16 880
Lipanj	30	17	340	17 220
Srpanj	31	4,7	94	17 314
Kolovoz	31	16,7	334	17 648
Rujan	30	80,3	1 606	19 254
Listopad	31	247,3	4 946	24 200
Studeni	30	230,9	4 618	28 818
Prosinac	31	96,1	1 922	30 740
Ukupno	365	1537	30 740	30 740

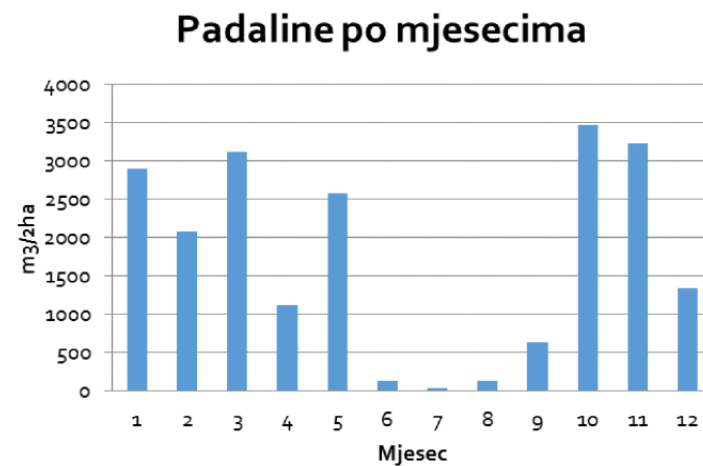
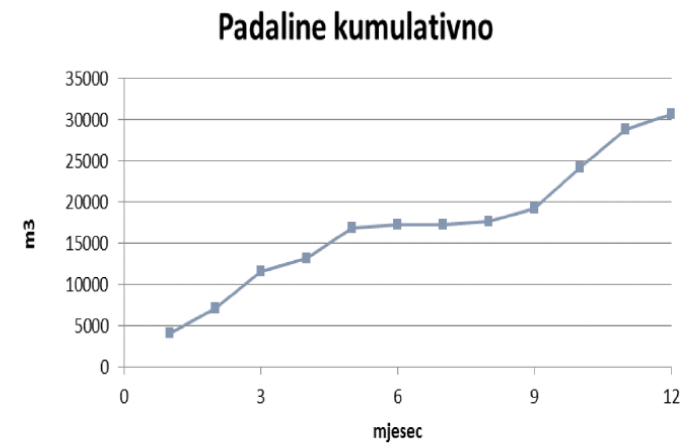
Tablica bruto prikupljanja padalina u resortu



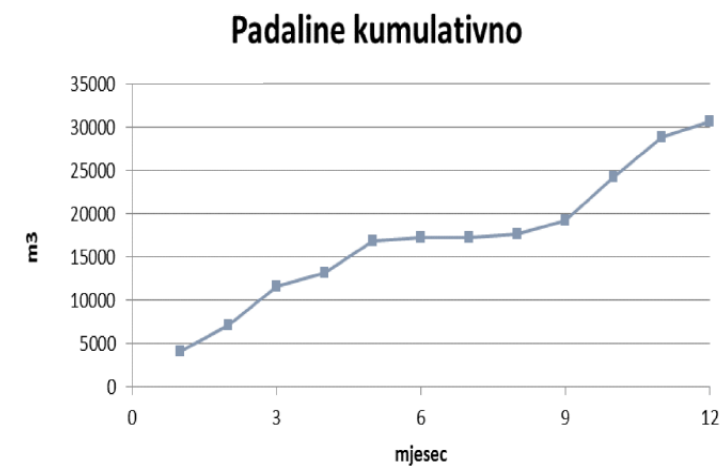
Grafovi količine padalina po mjesecima prikupljenim na površini 2 hektra

Mjesec	Broj dana	Iskoristivost	Padaline (mm/m ²)	Neto količina vode prikupljene na dva hektra (m ³ /zha)	Neto količina vode prikupljene na dva hektra kumulativno (m ³ /zha)
Siječanj	31	0,7	207,1	2899,4	2899,4
Veljača	28	0,7	148,8	2083,2	4982,6
Ožujak	31	0,7	223	3122	8104,6
Travanj	30	0,7	80,6	1128,4	9233
Svibanj	31	0,7	184,5	2583	11816
Lipanj	30	0,4	17	136	11952
Srpanj	31	0,4	4,7	37,6	11989,6
Kolovoz	31	0,4	16,7	133,6	12123,2
Rujan	30	0,4	80,3	642,4	12765,6
Listopad	31	0,7	247,3	3462,2	16227,8
Studeni	30	0,7	230,9	3232,6	19460,4
Prosinac	31	0,7	96,1	1345,4	20805,8
Ukupno	365		1537	20805,8	20805,8

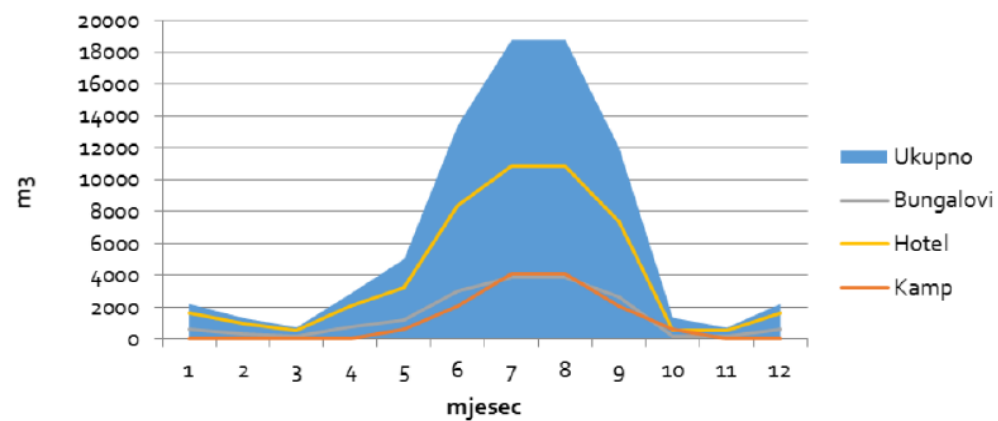
Tablica neto prikupljanja padalina u resortu



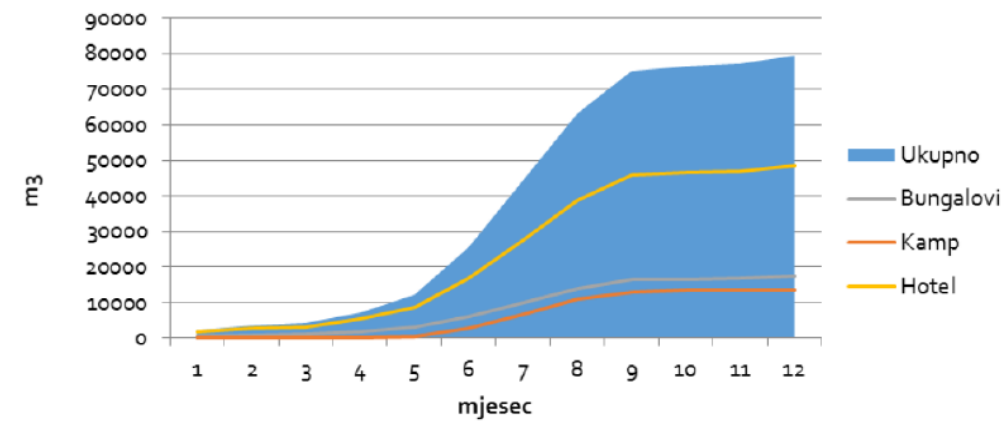
Grafovi neto količine padalina po mjesecima prikupljenim na površini 2 hektra



Potrošnja vode



Potrošnja vode kumulativno

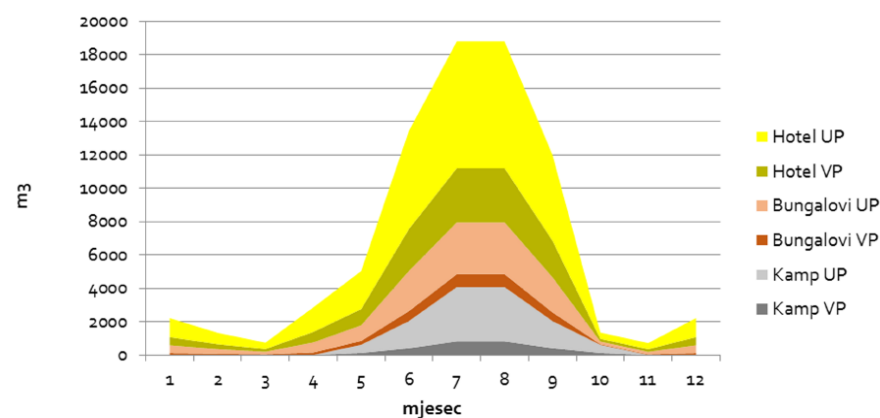


Grafovi potrošnje vode po mjesecima

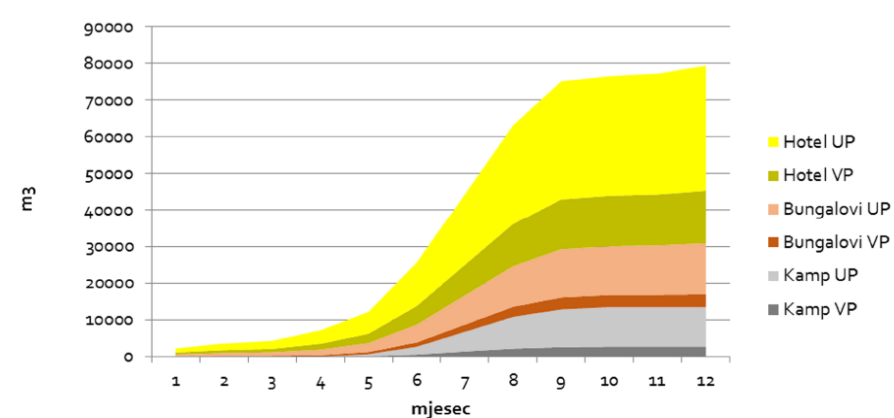
Mjesec	Broj dana	Popunjenost	Hotel + Spa (m³)	Kamp (m³)	Bungalovi (m³)	Ukupno (m³)	Ukupno kumulativno (m³)
Siječanj	31	0,15	1627	0	581	2 208	2208,75
Veljača	28	0,1	980	0	350	1 330	3538,75
Ožujak	31	0,05	542	0	193	736	4275
Travanj	30	0,2	2100	0	750	2 850	7125
Svibanj	31	0,3	3255	610	1162	5 027	12152
Lipanj	30	0,8	8400	2034	3000	13 434	25587
Srpanj	31	1	10850	4068	3875	18 793	44380
Kolovoz	31	1	10850	4068	3875	18 793	63174
Rujan	30	0,7	7350	2034	2625	12 009	75184
Listopad	31	0,05	542	610	193	1 346	76530
Studeni	30	0,05	525	0	187	712	77243
Prosinac	31	0,15	1627	0	581	2 208	79451
Ukupno	365		48 650	13 426	17 375	79451	79451

Tablica potrošnje vode u resortu

Padaline i potrošnja



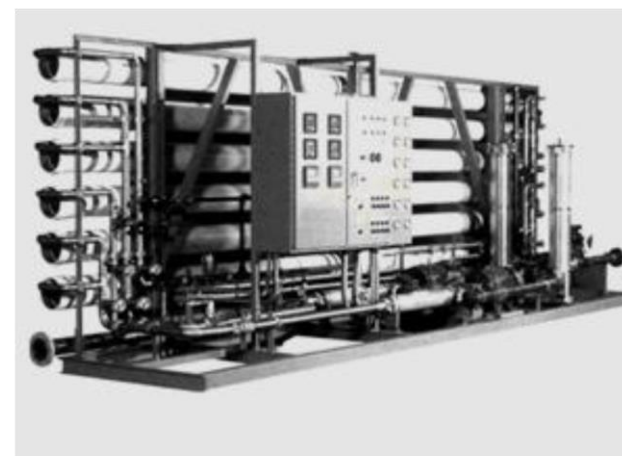
Padaline i potrošnja kumulativno



Grafovi potrošnje vode u objektima resorta razdijeljen na vanjsku (VP) i unutrašnju (UP) potrošnju

Particular	Make	20000 LPH
Plant type		Skid Mounted
Raw Water Pump	Kirloskar	6 HP
Sand Media filter	Creative	48"x72"
Carbon Media filter	Creative	48"x72"
Micron Filter	Creative	Big Blue 20"- 4Nos.
Vertical High Pressure pump	Grandfos	14HP
Pressure tube	Creative	4"x80"- 5/6Nos.
RO Membrane	Hydronautics/ Dow (Filtec)	8040- 10/12 No.
Anti Scaling Dosing Pump	Creative	0-12 LPH
CIP System	Kirloskar Pump SS	Auto/Manual with or w/o pump
Ph boosting system	Creative	Metering pump with tank
Pressure Gage	HG – SS gel filled	6 nos.
Flow/ Rota meter	Creative	2 Nos.
Pipe & fitting	Finolex/ Astral	PVC/SS
Low & High pressure switch		1-1 Each

20000 Lph
480 m³ na dan



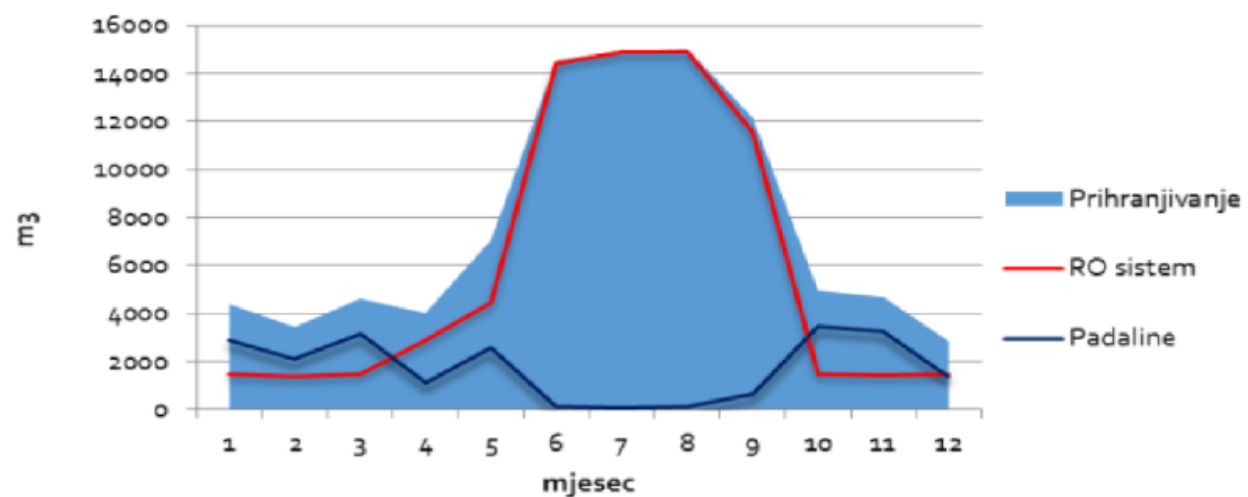
Mjesec	Broj dana	Kapacitet rada RO sistema	Ukupno RO sistem opskrba (m ³)	Ukupno kumulativno RO sistem opskrba (m ³)	Kišnica prikupljena na dva hektra (m ³ /2ha)	Kišnica prikupljena na dva hektra kumulativno (m ³ /2ha)	RO sistem + kišnica (m ³)	RO sistem + kišnica kumulativno (m ³)
Siječanj	31	0,1	1 488	1 488	2899,4	2899,4	4387,4	4387,4
Veljača	28	0,1	1 344	2 832	2083,2	4982,6	3427,2	7814,6
Ožujak	31	0,1	1 488	4 320	3122	8104,6	4610	12424,6
Travanj	30	0,2	2 880	7 200	1128,4	9233	4008,4	16433
Svibanj	31	0,3	4 464	11 664	2583	11816	7047	23480
Lipanj	30	1	14 400	26 064	136	11952	14536	38016
Srpanj	31	1	14 880	40 944	37,6	11989,6	14917,6	52933,6
Kolovoz	31	1	14 880	55 824	133,6	12123,2	15013,6	67947,2
Rujan	30	0,8	11 520	67 344	642,4	12765,6	12162,4	80109,6
Listopad	31	0,1	1 488	68 832	3462,2	16227,8	4950,2	85059,8
Studenj	30	0,1	1 440	70 272	3232,6	19460,4	4672,6	89732,4
Prosinac	31	0,1	1 488	71 760	1345,4	20805,8	2833,4	92565,8
Ukupno	365		71 760	71 760	20805,8	20805,8	92565	92565

Tablica opskrbe vodom u resortu

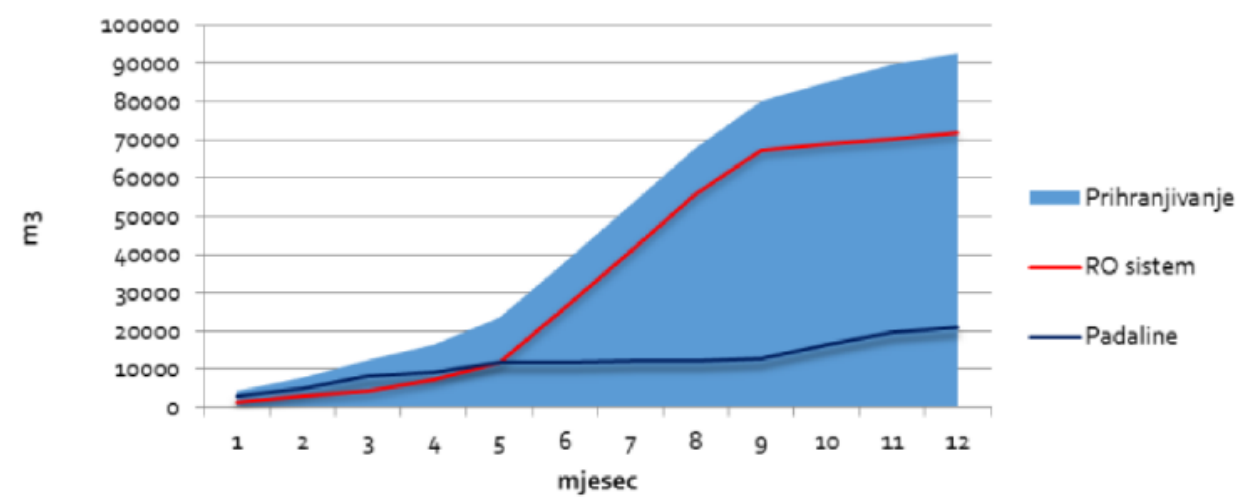
Mjesec	Broj dana	RO sistem + kišnica (m ³)	RO sistem + kišnica kumulativno (m ³)	Potrošnja vode (m ³)	Potrošnja vode kumulativno (m ³)	Razlika prihrane i potrošnje (m ³)	Razlika prihrane i potrošnje kumulativno (m ³)
Siječanj	31	4 387,4	4 387,4	2 208	2 208,75	2 178	2 178
Veljača	28	3 427,2	7 814,6	1 330	3 538,75	2 097	4 275
Ožujak	31	4 610	12 424,6	736	4 275	3 873	8 149
Travanj	30	4 008,4	16 433	2 850	7 125	1 158	9 308
Svibanj	31	7 047	23 480	5 027	12 152	2 019	11 327
Lipanj	30	14 536	38 016	13 434	25 587	1 101	12 428
Srpanj	31	14 917,6	52 933,6	18 793	44 380	-3 876	8 552
Kolovoz	31	15 013,6	67 947,2	18 793	63 174	-3 780	4 772
Rujan	30	12 162,4	80 109,6	12 009	75 184	153	4 925
Listopad	31	4 950,2	85 059,8	1 346	76 530	3 603	8 529
Studenj	30	4 672,6	89 732,4	712	77 243	3 960	12 489
Prosinac	31	2 833,4	92 565,8	2 208	79 451	624	13 113
Ukupno	365	92 565	92 565	79 451	79 451	13 113	13 113

Tablica prihranjivanja i potrošnje vode u resortu

Prihranjivanje

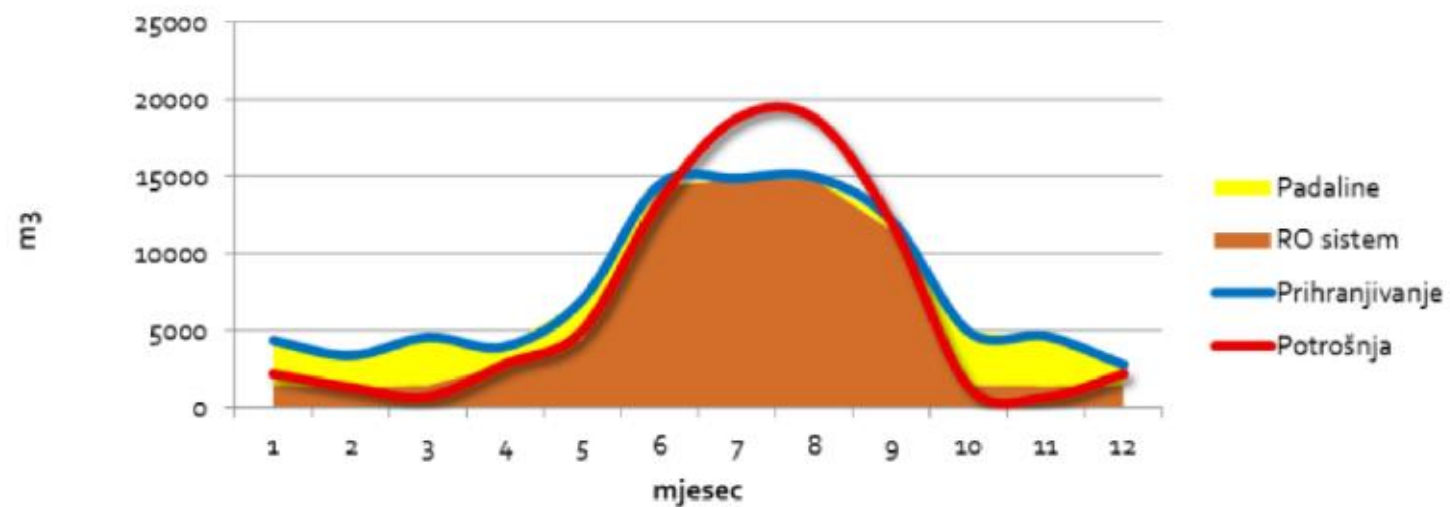


Kumulativno prihranjivanje

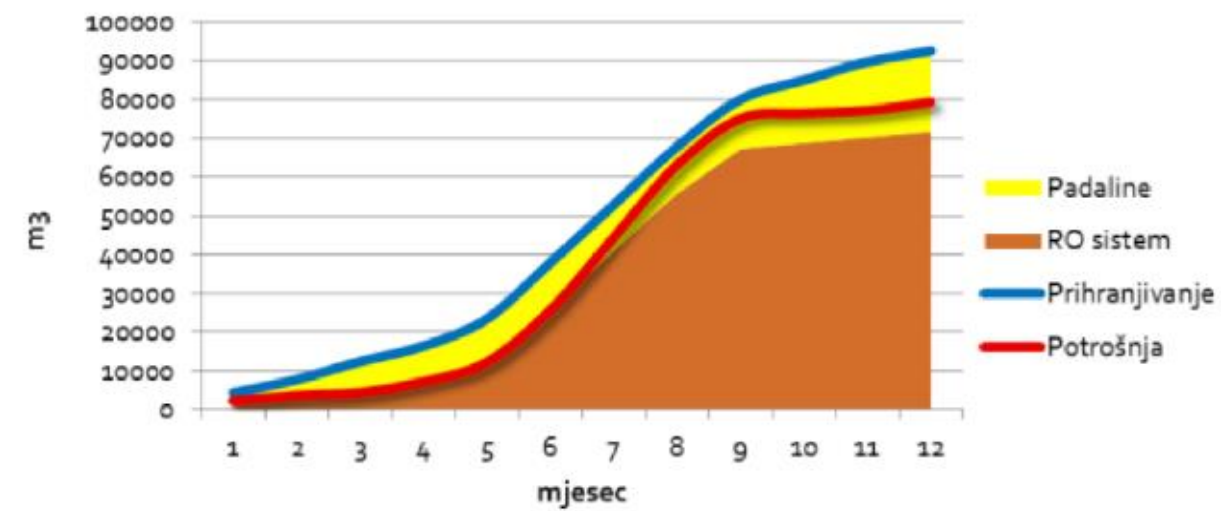


Grafovi prihranjivanja vode u resortu

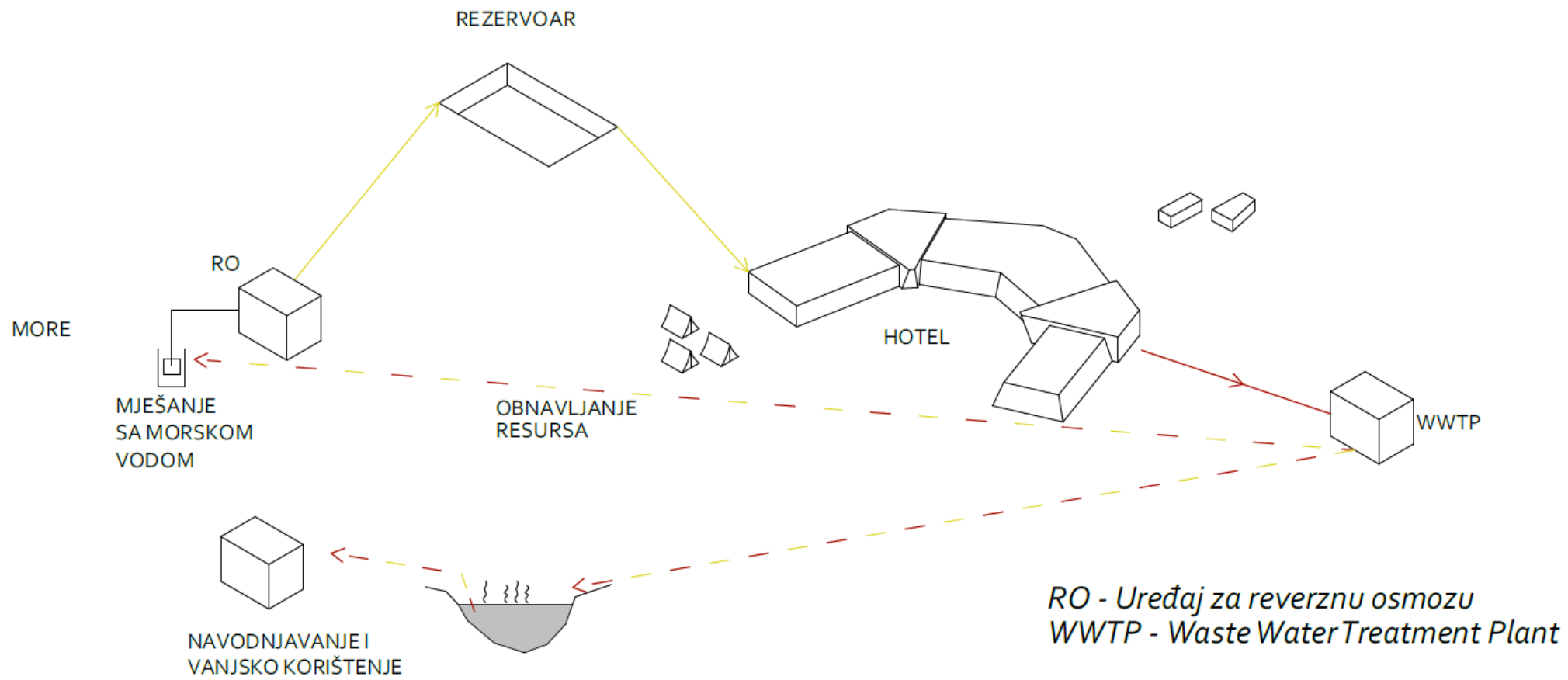
Prihranjivanje i potrošnja



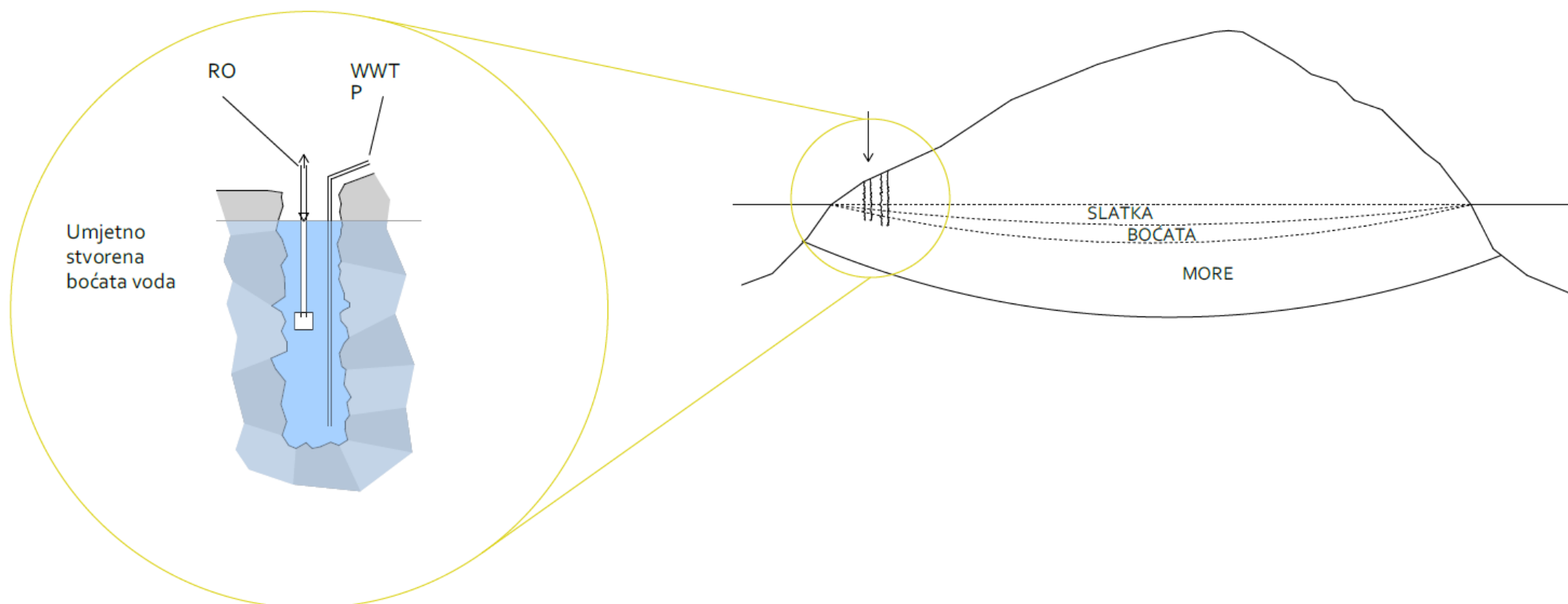
Kumulativno prihranjivanje i potrošnja



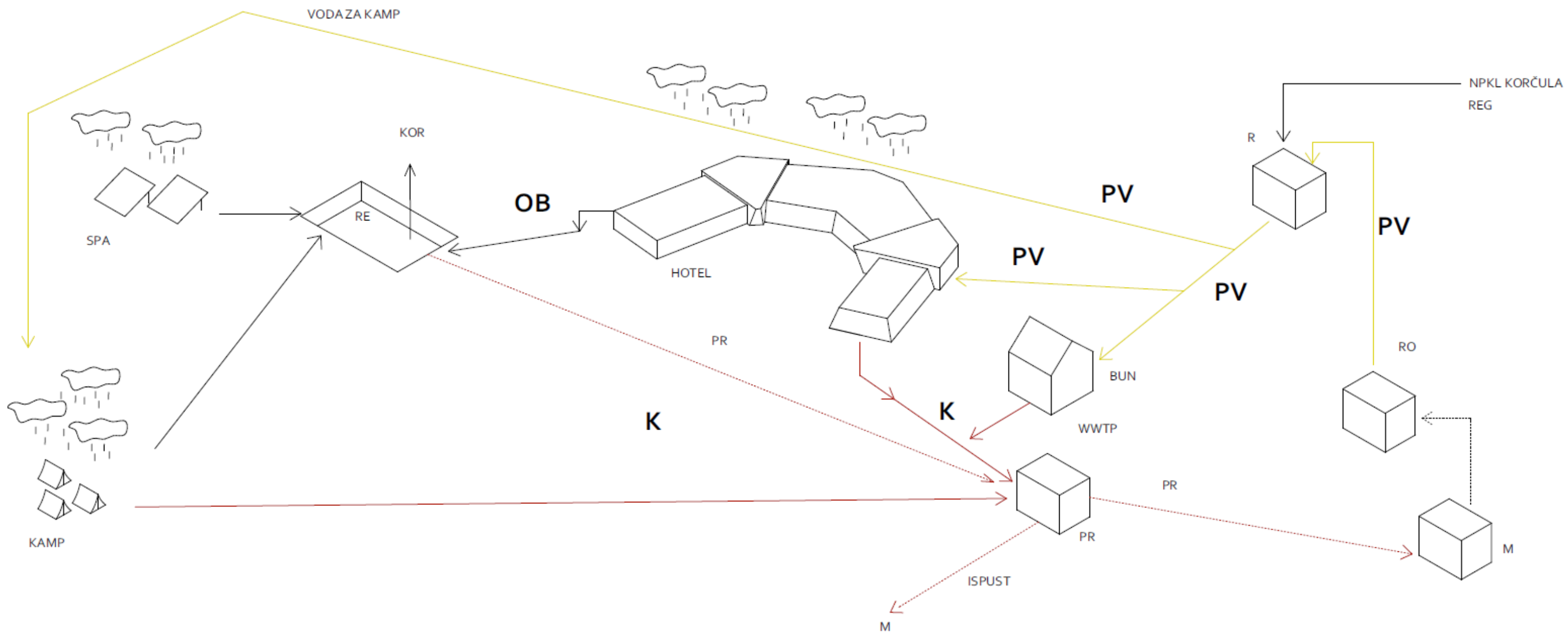
Grafovi prihranjivanja i potrošnje vode u resortu



Dijagram pročišćavanja otpadnih voda



Miješanje pročišćenih voda sa morskom vodom



OB - Krovne vode
 R - Rezervoar pitke vode
 RE - Rezervoar nepitke (sirove) vode
 SPA - SPA
 REG - Regionalni vodovod
 RO - Uređaj za reverznu osmozu

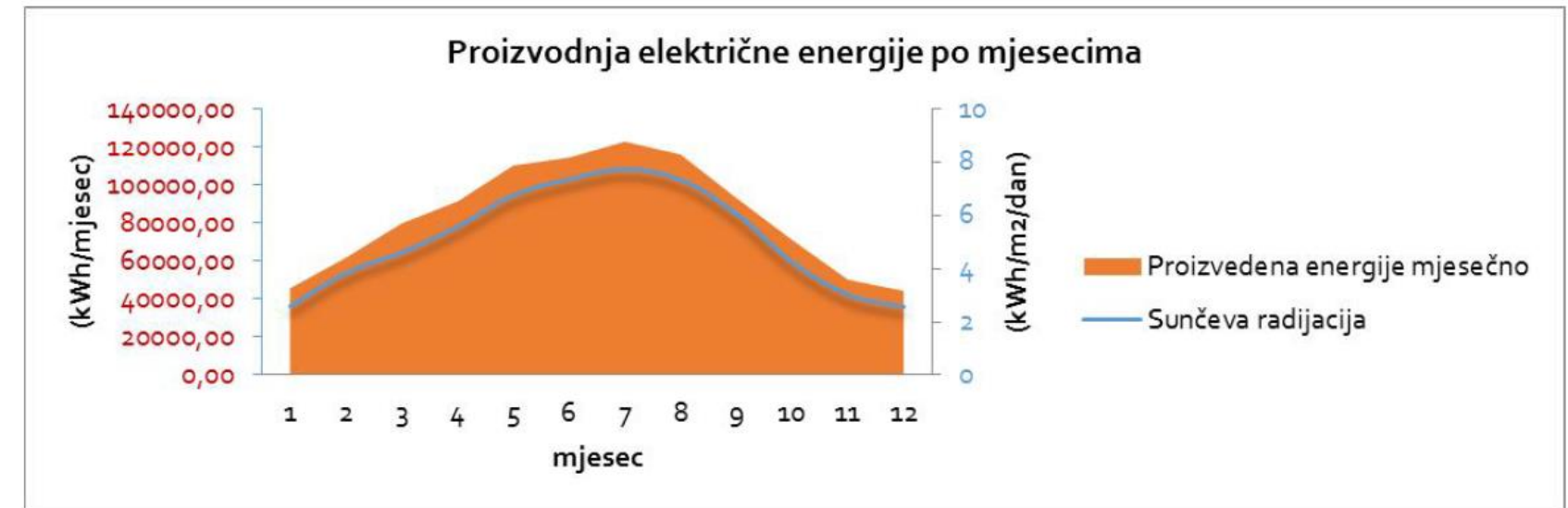
M - More zahvat
 WWTP - Uređaj otpadnih voda
 K - Kanalizacija / Otpadne vode
 KOR - Krištenje
 PV - Pitka voda
 PR - Pročišćenje vode

Dijagram cirkulacije vode u resortu

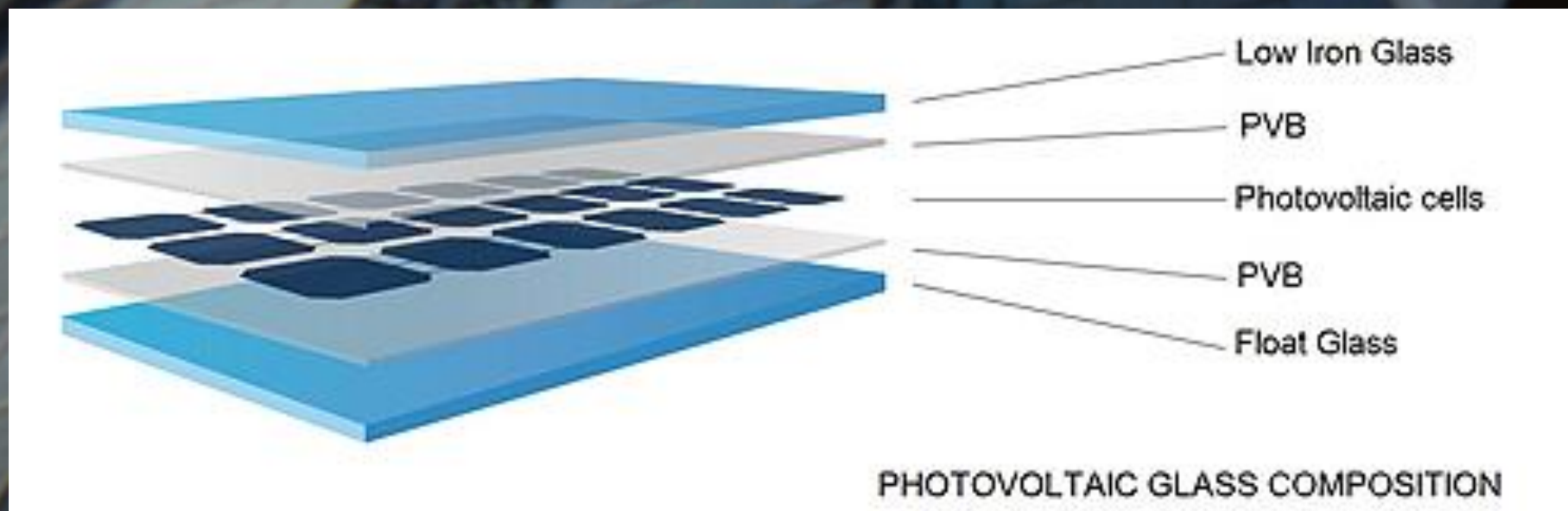


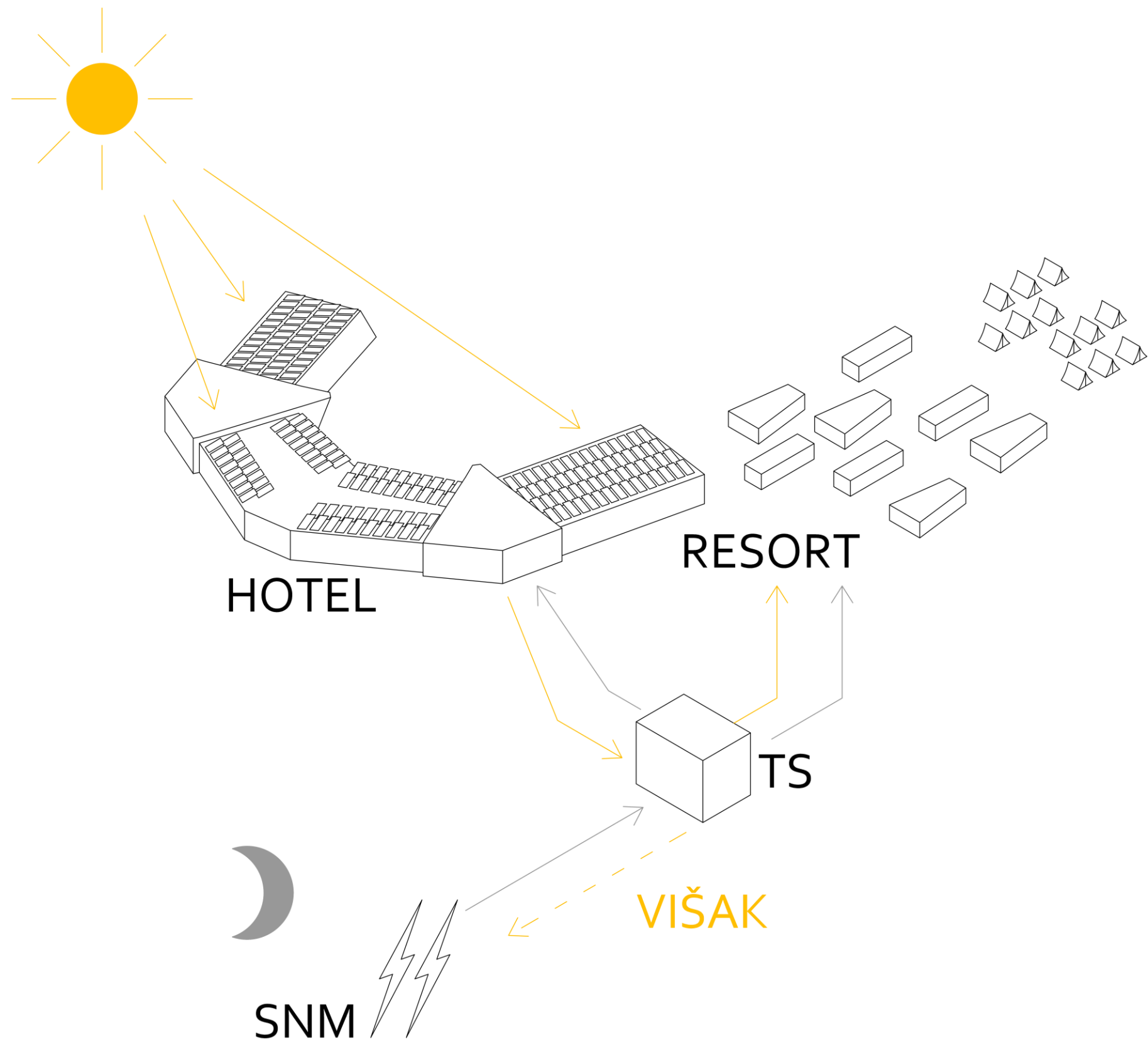
Mjesec	Broj dana	Sunčeva radijacija (kWh/m ² /day)	Sunčeva radijacija (kWh/m ² /month)	Proizvedena energije mjesečno (kWh/month)
Siječanj	31	2,58	79,98	45 627,97
Veljača	28	3,83	107,24	61 732,27
Ožujak	31	4,6	142,6	79 743,29
Travanj	30	5,57	167,1	91 245,11
Svibanj	31	6,75	209,25	110 142,61
Lipanj	30	7,35	220,5	114 340,67
Srpanj	31	7,72	239,32	122 719,90
Kolovoz	31	7,33	227,23	115 924,80
Rujan	30	6,05	181,5	93 111,83
Listopad	31	4,23	131,13	71 032,30
Studeni	30	3,01	90,3	50 154,12
Prosinac	31	2,55	79,05	44 225,13
Ukupno	365	5,13	1872,45	1 000 000

Tablica insolacije i proizvodnje električne energije



Graf usporedbe insolacije i proizvodnje električne energije



















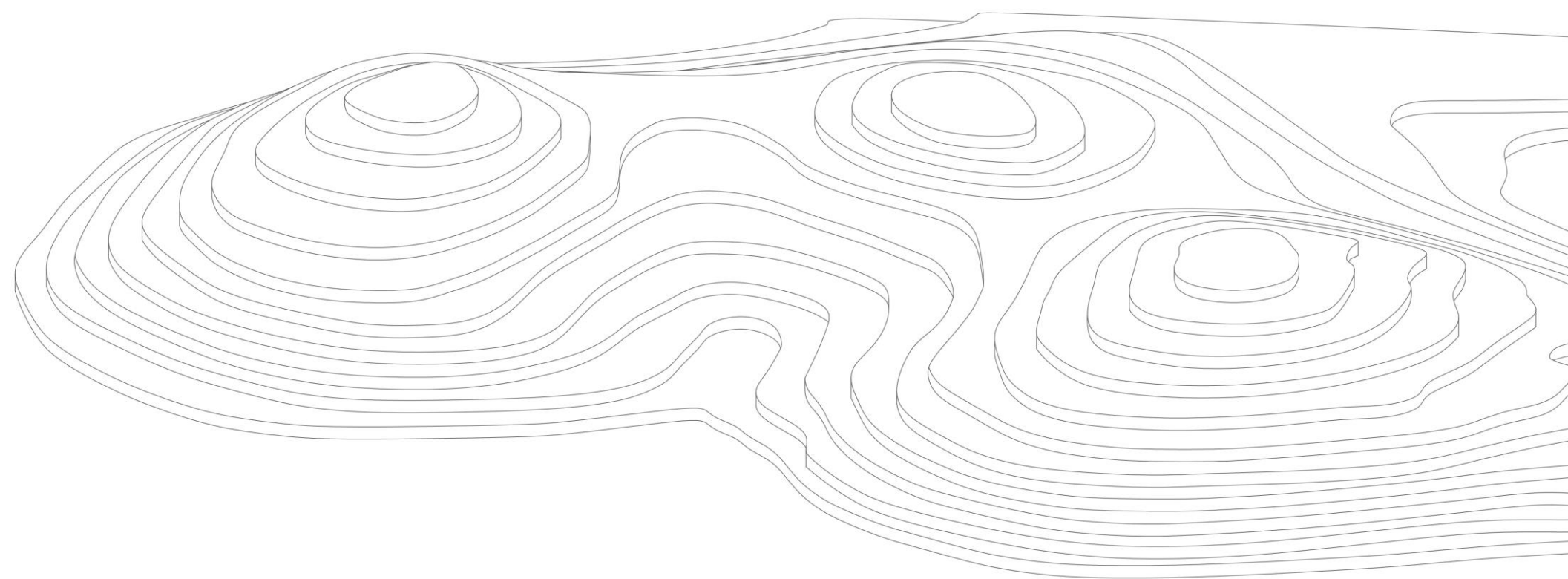


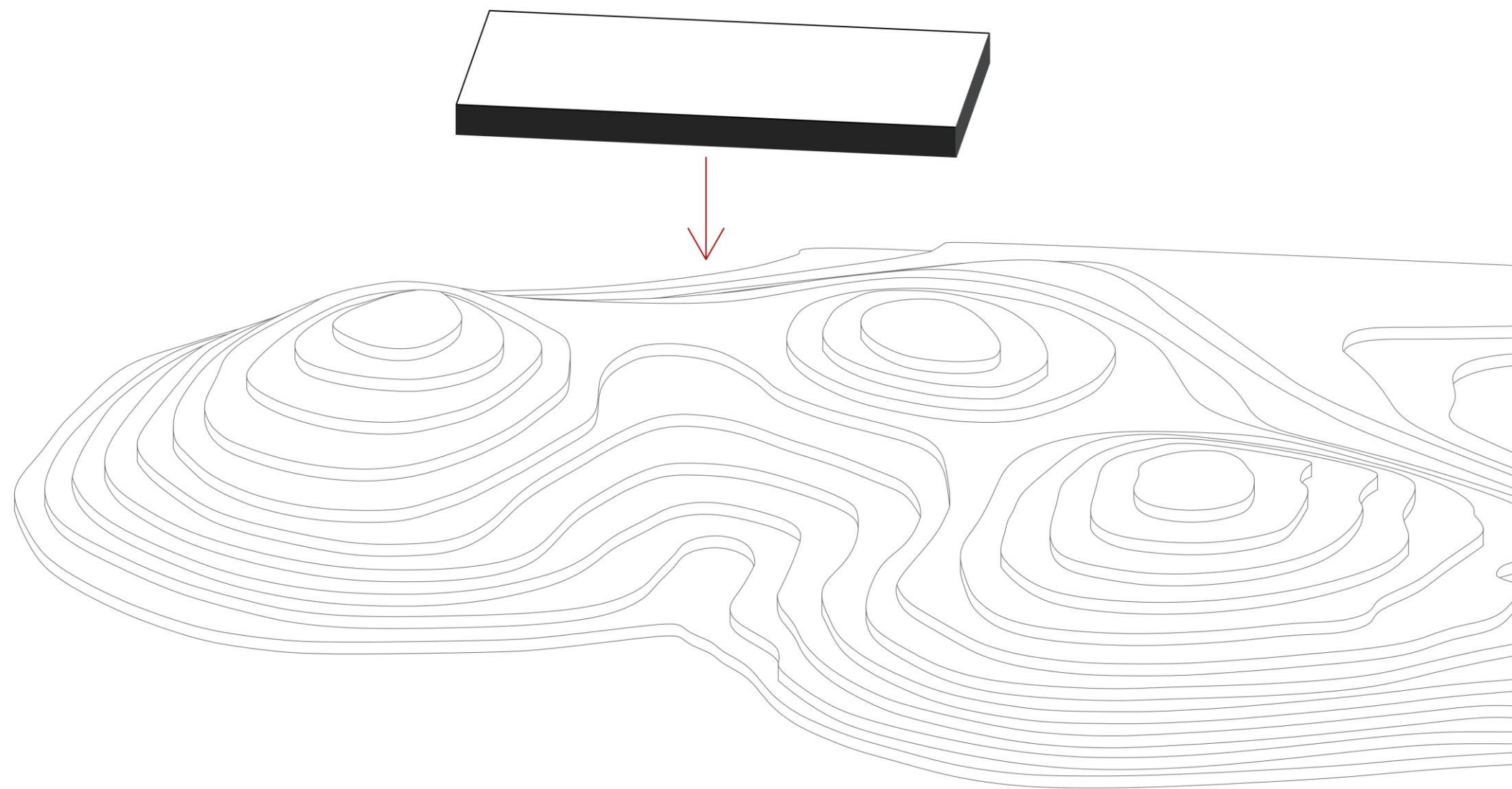


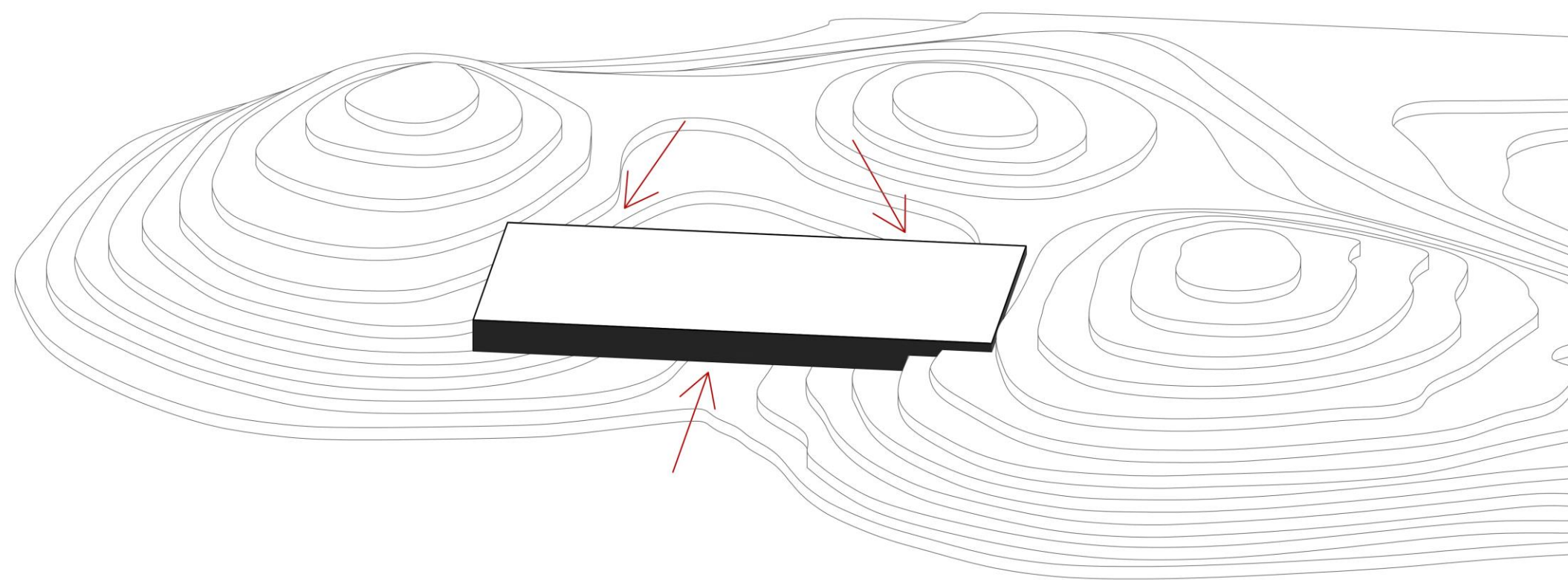


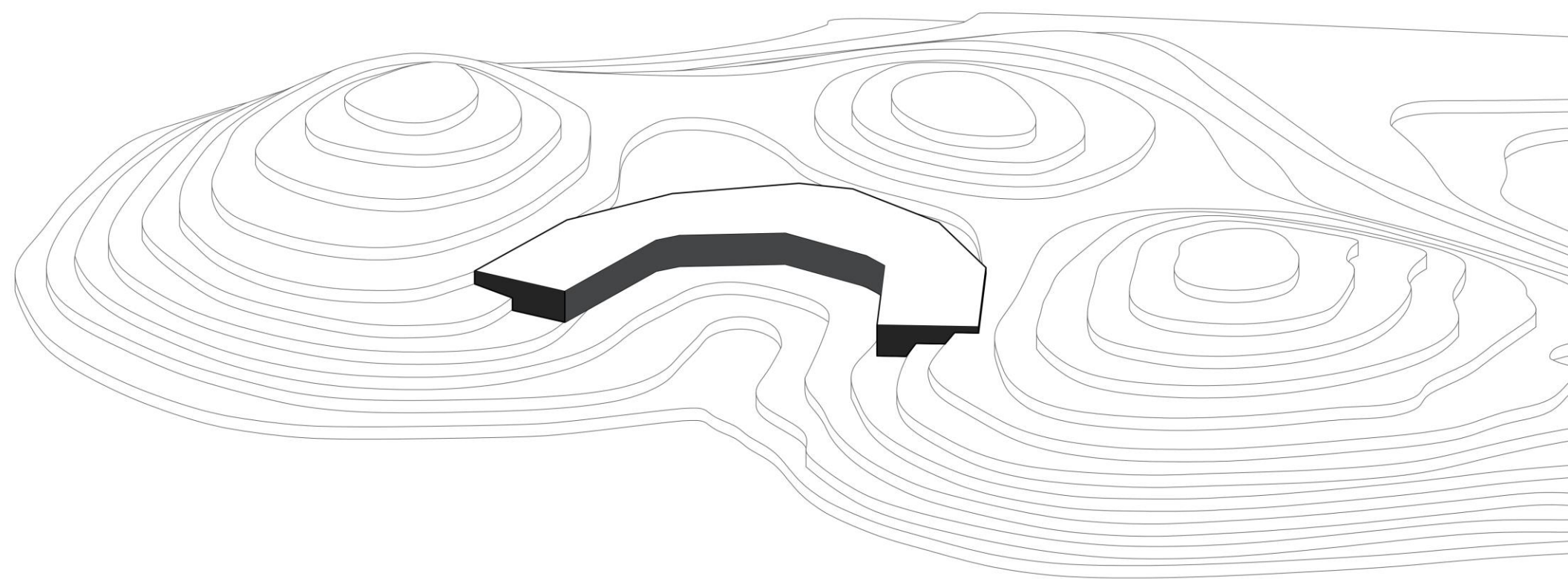


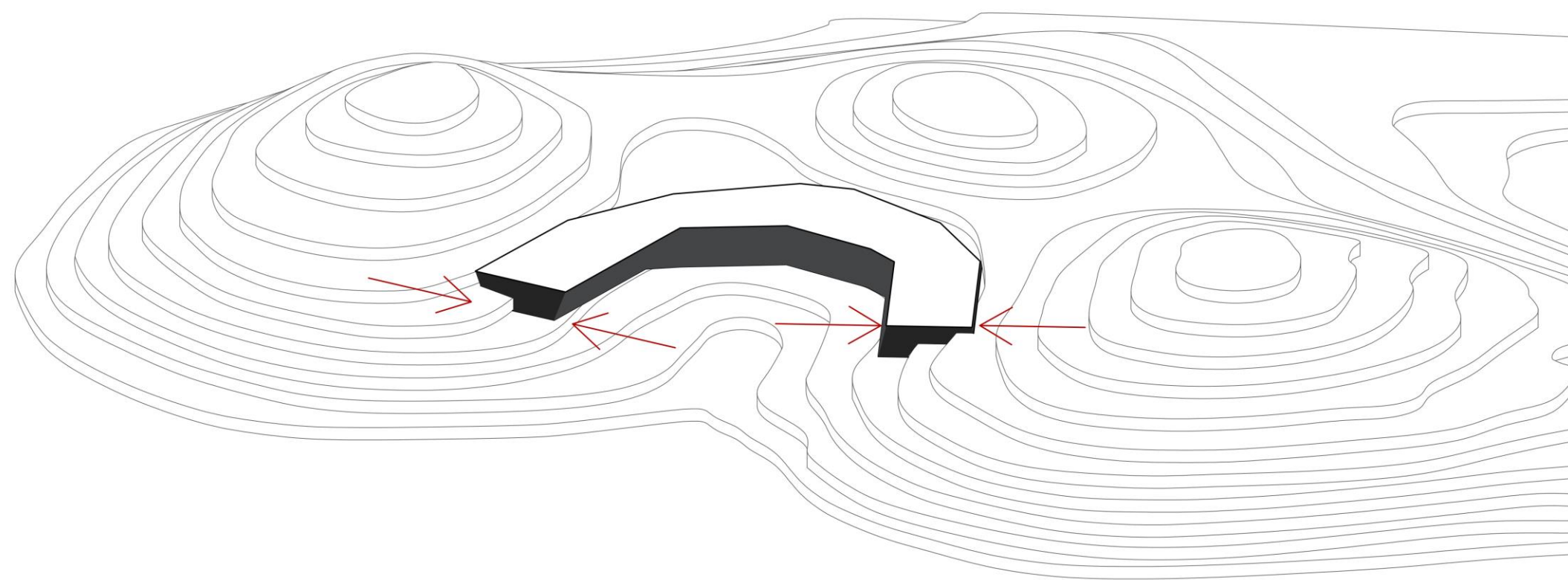
KONCEPT

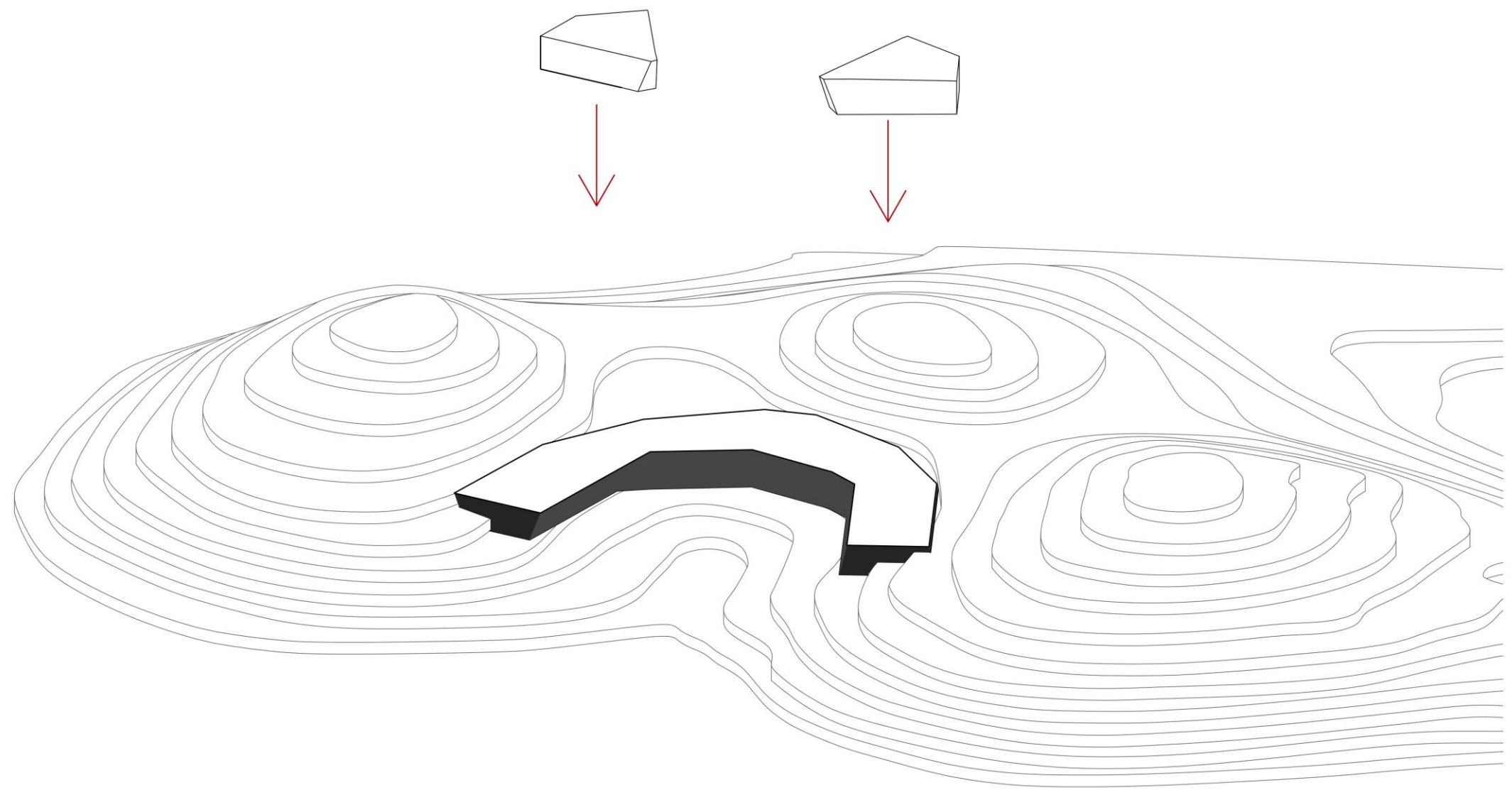


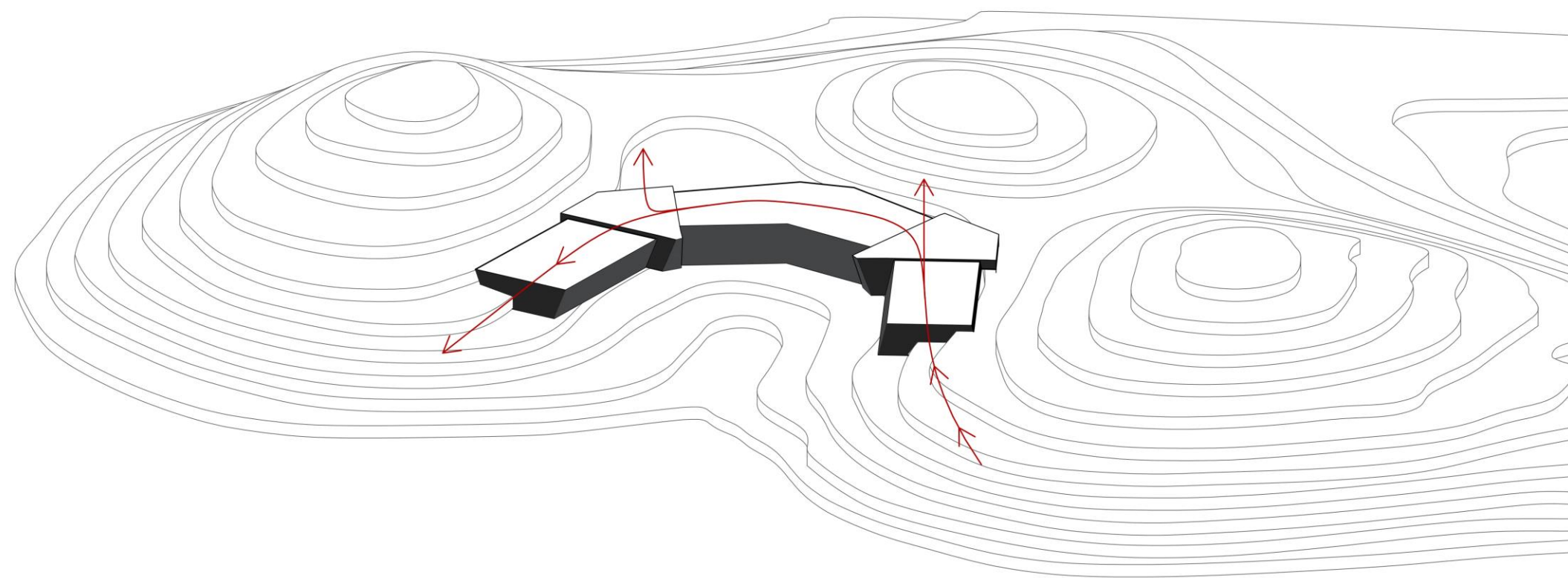


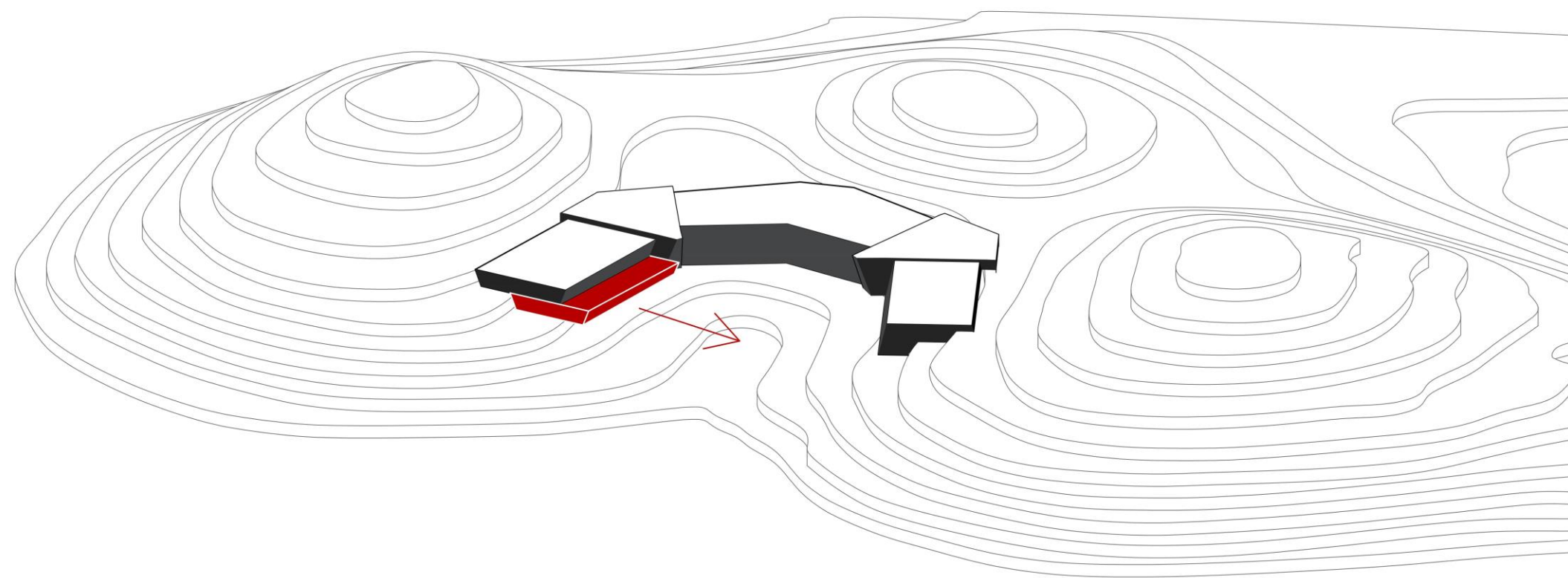


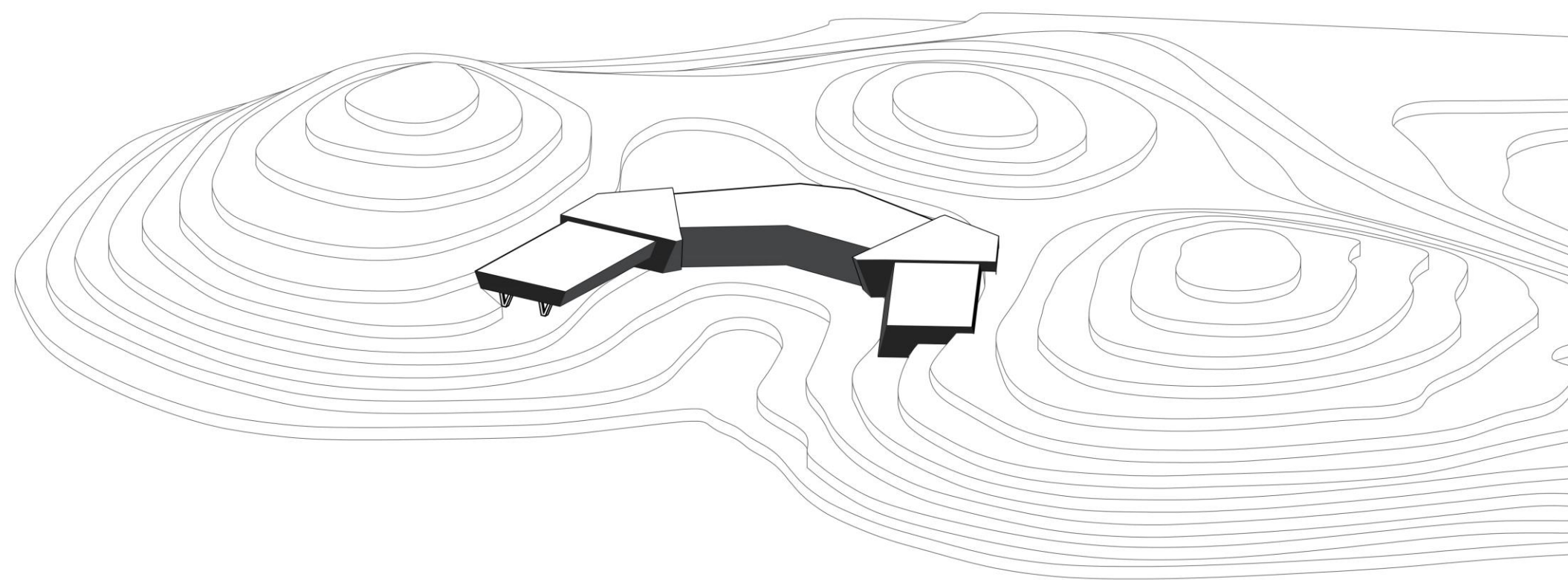


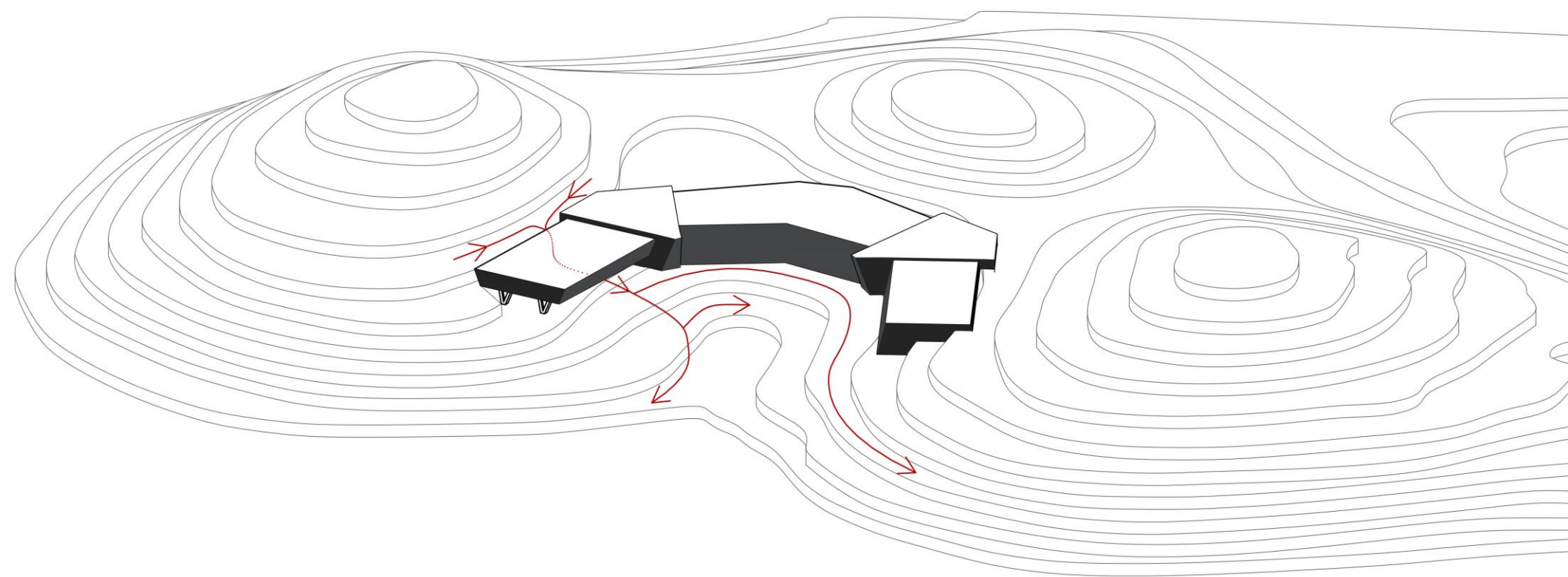


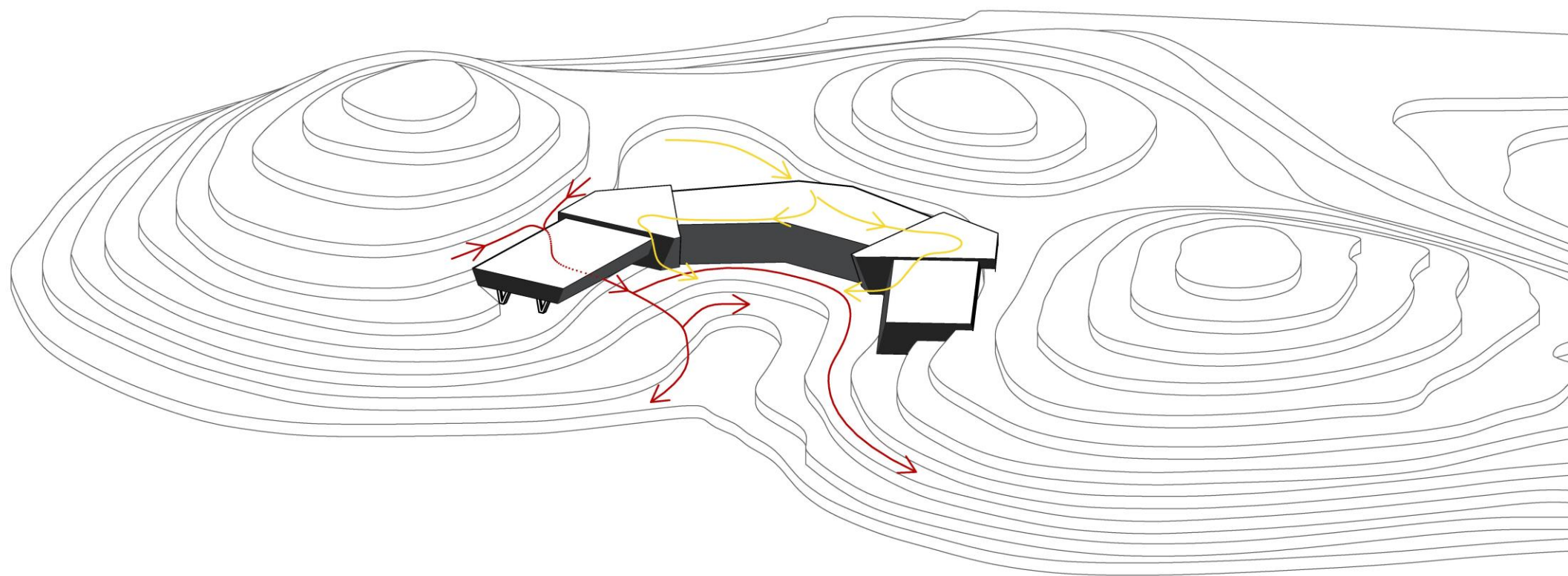


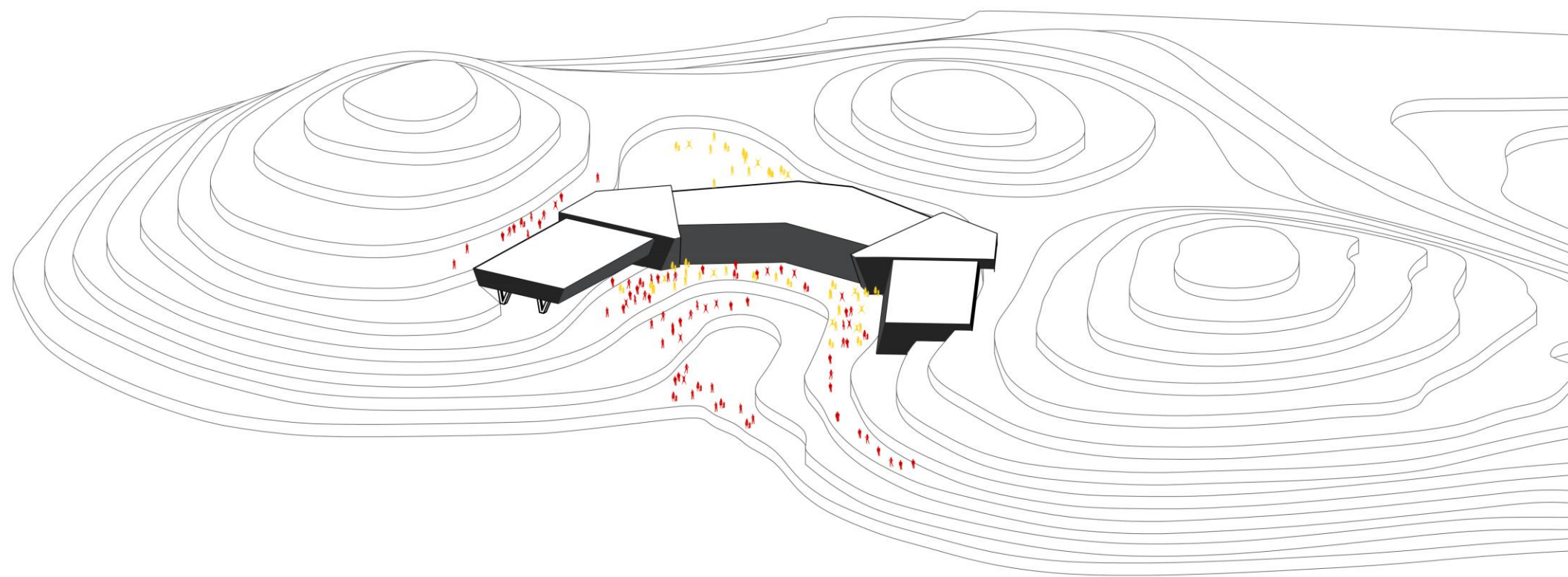


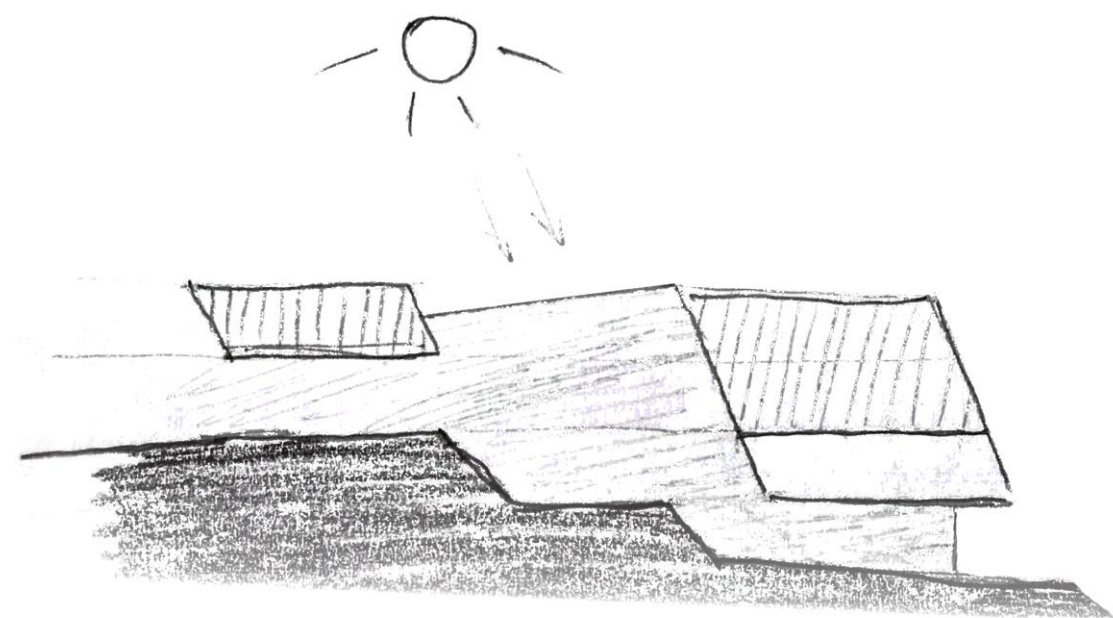
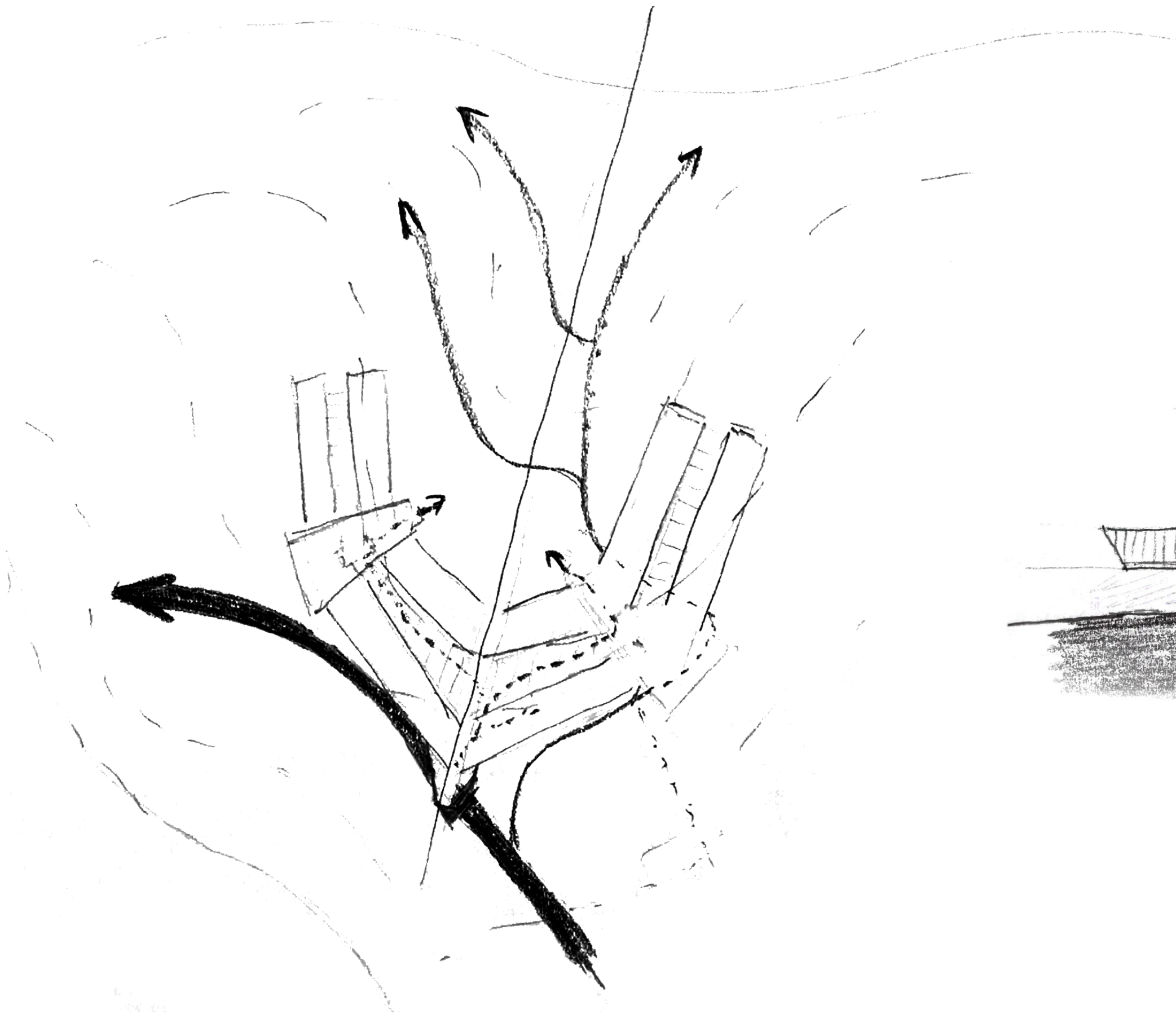


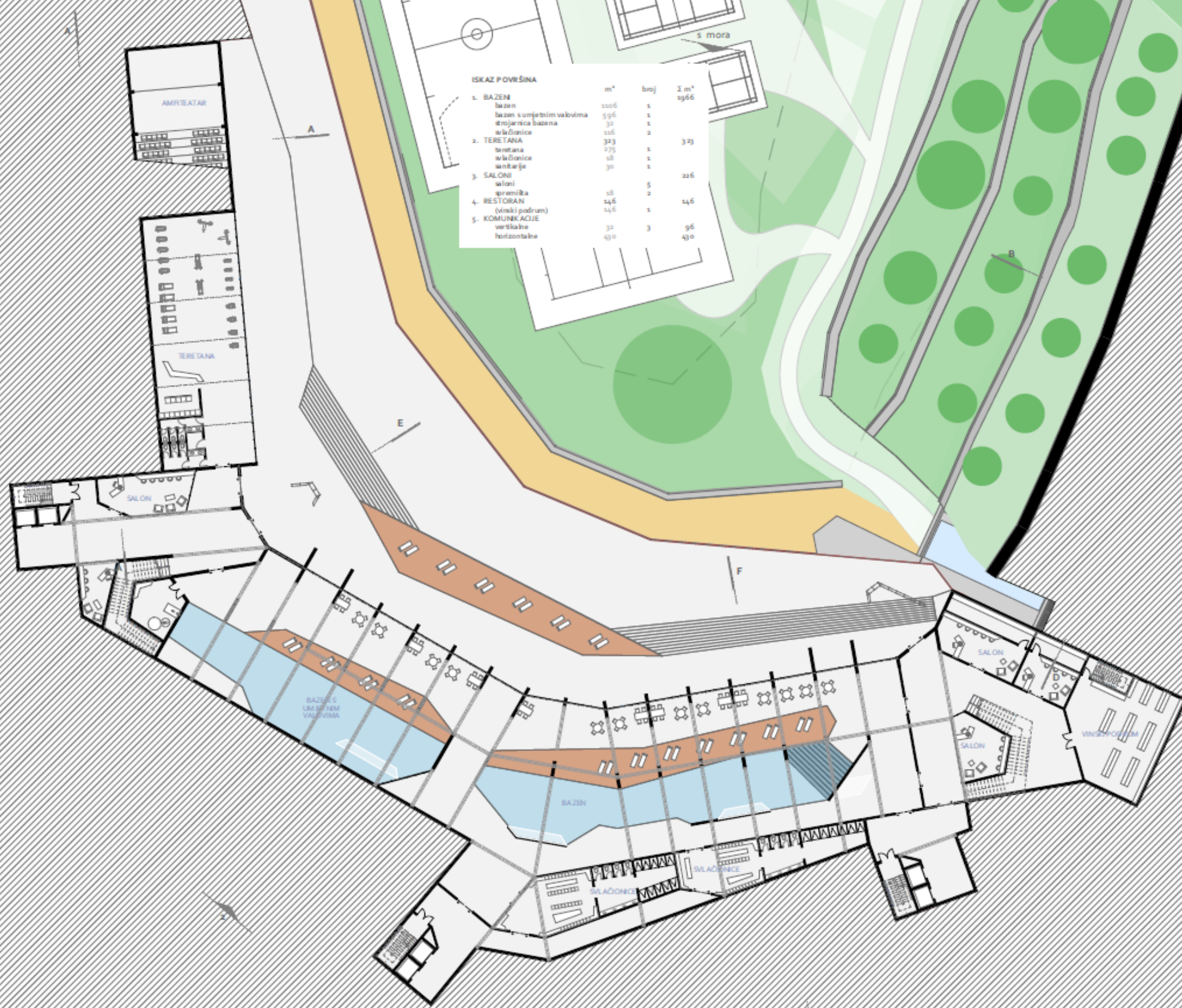


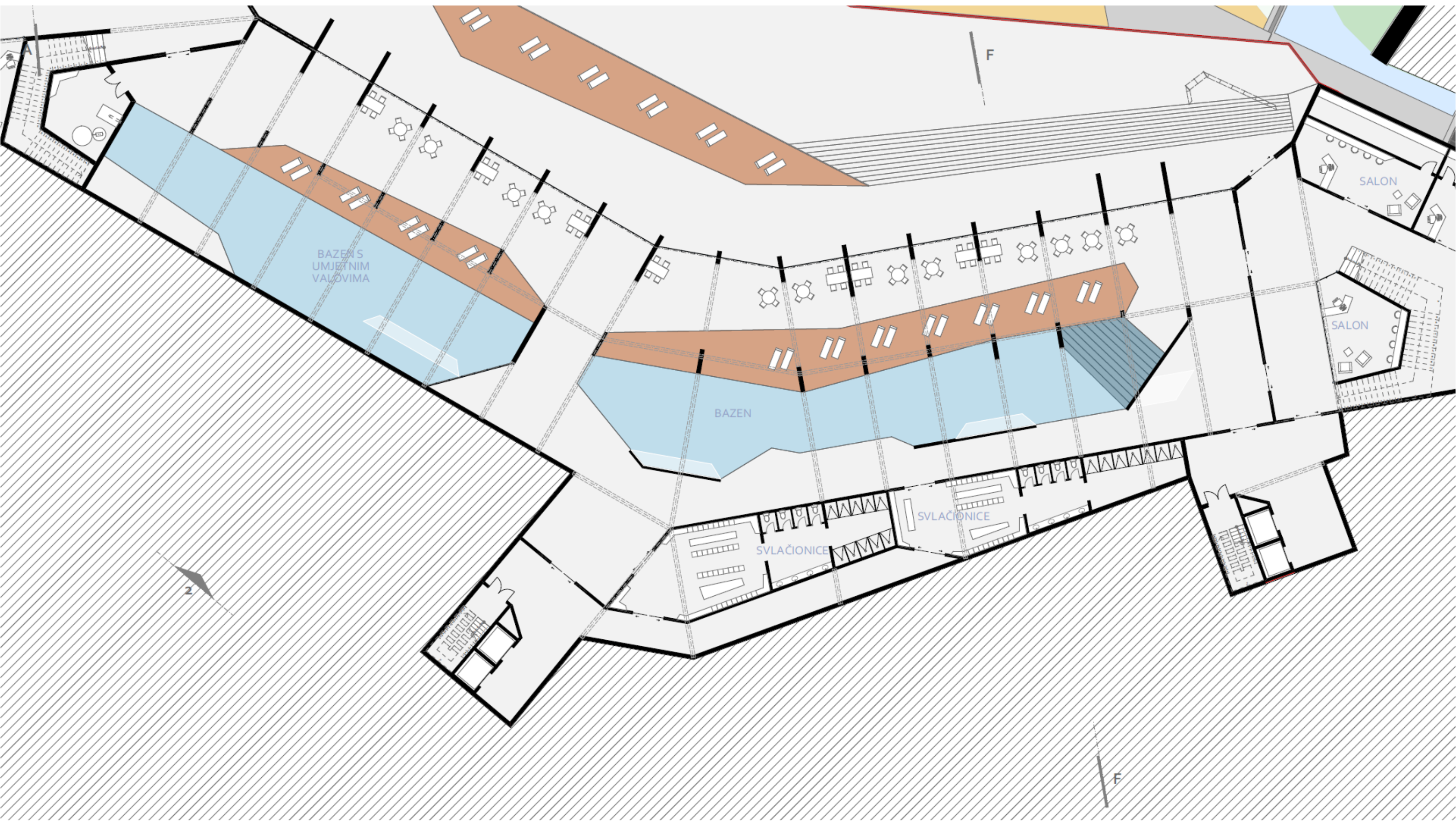


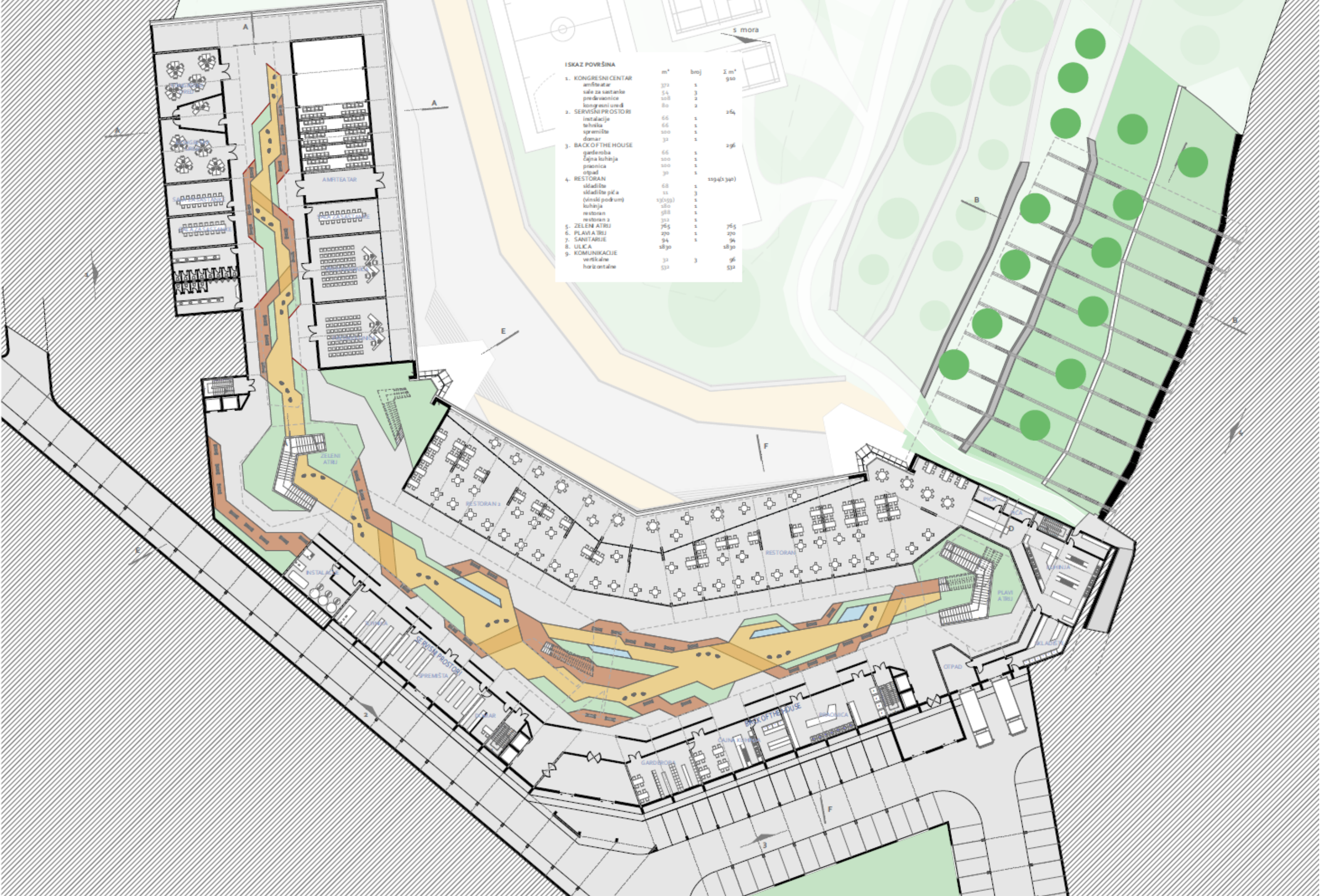








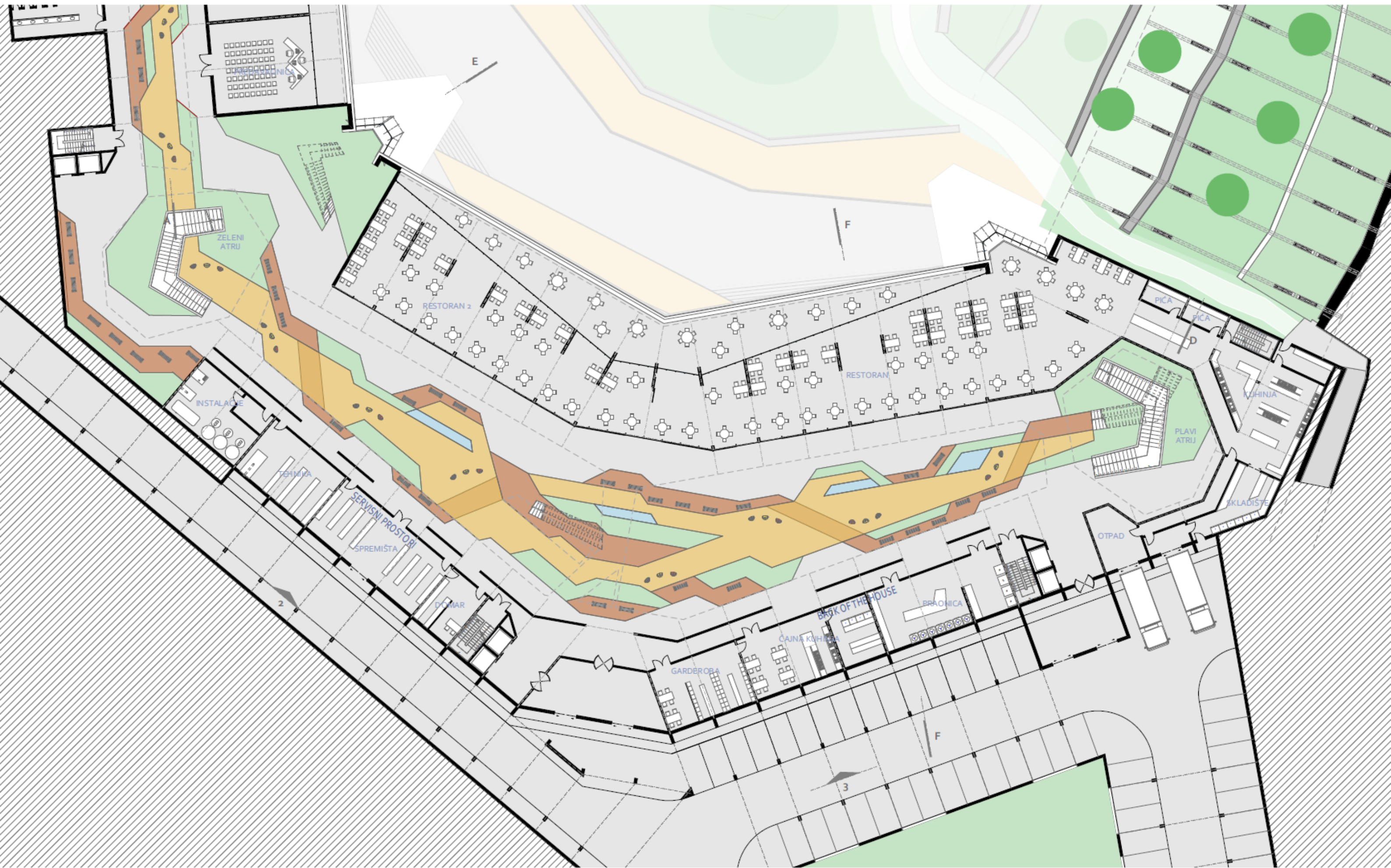


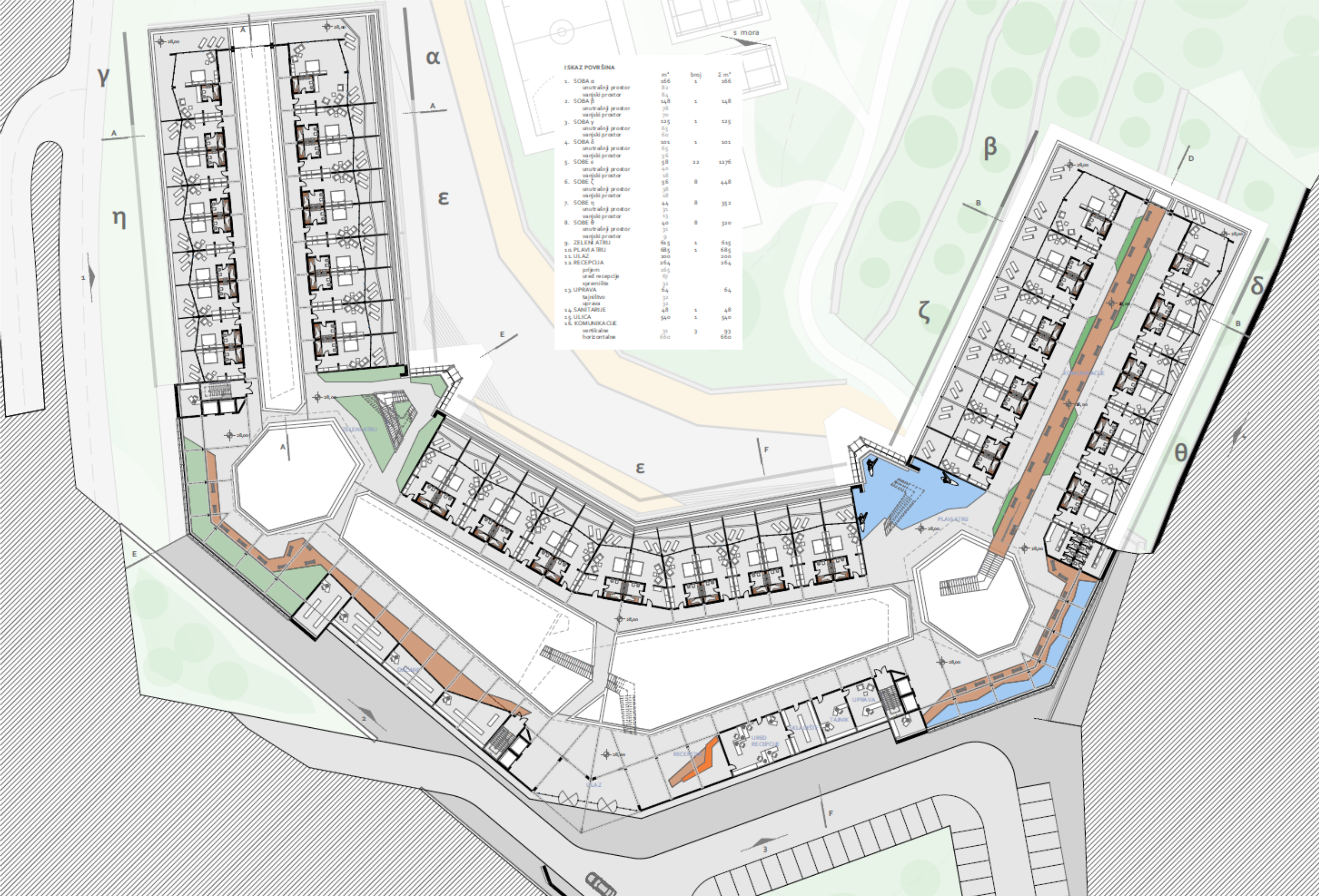


ISKAZ POVRŠINA

	m ²	broj	Σ m ²
1. KONGRESNI CENTAR			920
amfiteatar	372	1	
sala za sastanke	54	3	
predavaonica	108	2	
kongresni umid	80	2	
2. SERVISNI PROSTORI			264
instalacije	66	1	
tehnička	66	1	
spremište	100	1	
domar	32	1	
3. BACK OF THE HOUSE			296
gledalnica	66	1	
čajna kuhinja	100	1	
pronica	100	1	
otpad	30	1	
4. RESTORAN			1194 (1340)
skladište	68	1	
skladište pića	11	3	
(vinski podrum)	13(133)	1	
kuhinja	180	1	
restoran	988	1	
5. ZELENI ATRIJ	312	1	765
6. PLAVI ATRIJ	270	1	270
7. SANITARIJE	94	1	94
8. ULICA	1830		1830
9. KOMUNIKACIJE			96
vertikalne	32	3	
horizontalne	64		64







ISKAZ POVRŠINA

	m ²	broj	Σ m ²
1. SOBA α	166	1	166
unutranji prostor	82		
vanjski prostor	84		
2. SOBA β	148	1	148
unutranji prostor	78		
vanjski prostor	70		
3. SOBA γ	125	1	125
unutranji prostor	65		
vanjski prostor	60		
4. SOBA δ	101	1	101
unutranji prostor	55		
vanjski prostor	46		
5. SOBE ε	1376	22	1376
unutranji prostor	40		
vanjski prostor	18		
6. SOBE ζ	448	8	448
unutranji prostor	38		
vanjski prostor	18		
7. SOBE η	352	8	352
unutranji prostor	31		
vanjski prostor	13		
8. SOBE θ	320	8	320
unutranji prostor	31		
vanjski prostor	9		
9. ZELEN ATRIJ	615	1	615
10. PLAVA ATRIJ	685	1	685
11. ULAZ	200		200
12. RECEPCIJA	264		264
prijem	165		
ured recepcije	97		
spravništvo	32		
13. UPRAVA	64		64
tajništvo	32		
spravništvo	32		
14. SANITARJE	48	1	48
15. ULICA	540	1	540
16. KOMUNIKACIJE	93	3	93
vertikalne	31		
horizontalne	620		



δ

A

θ

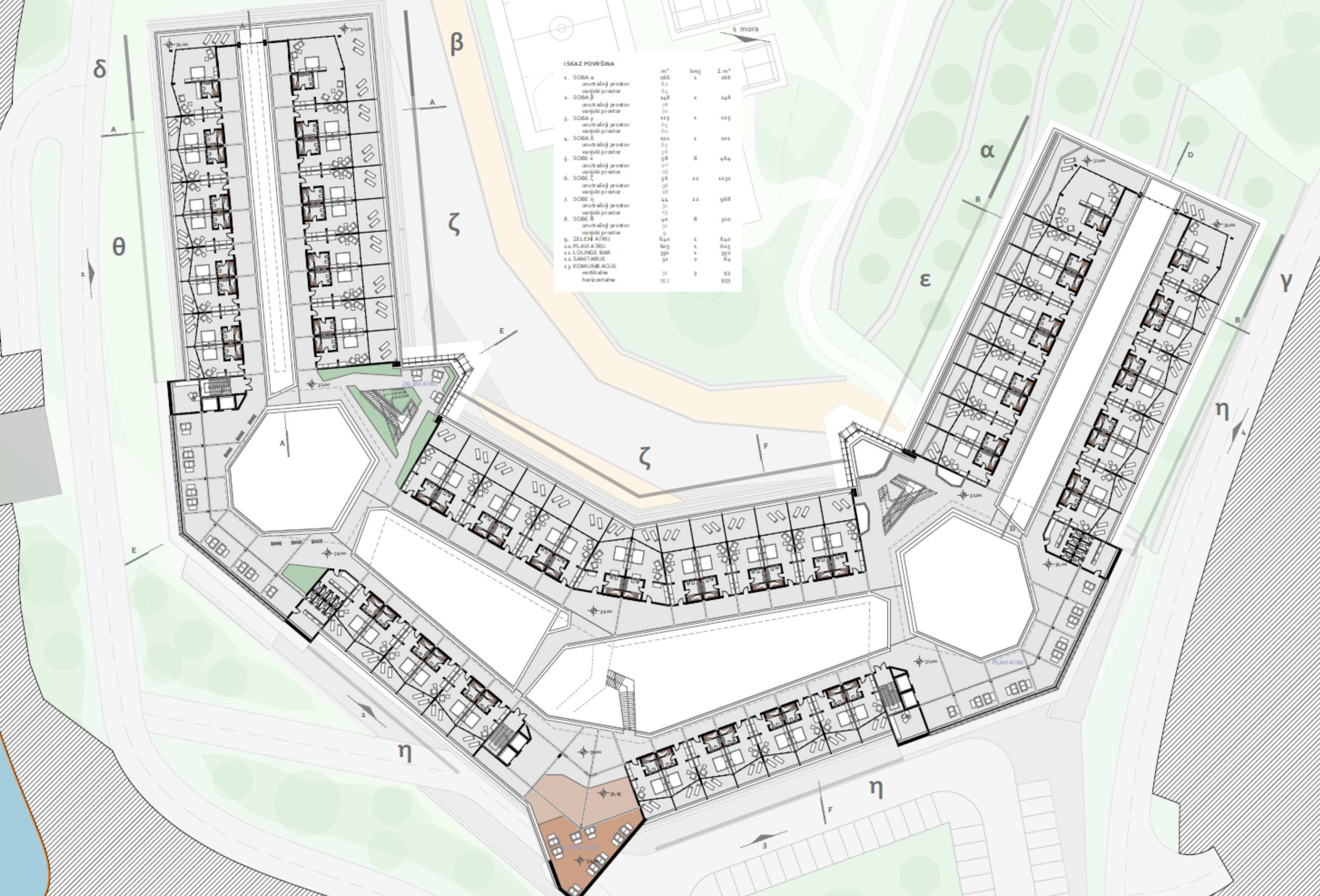


β

A

ζ



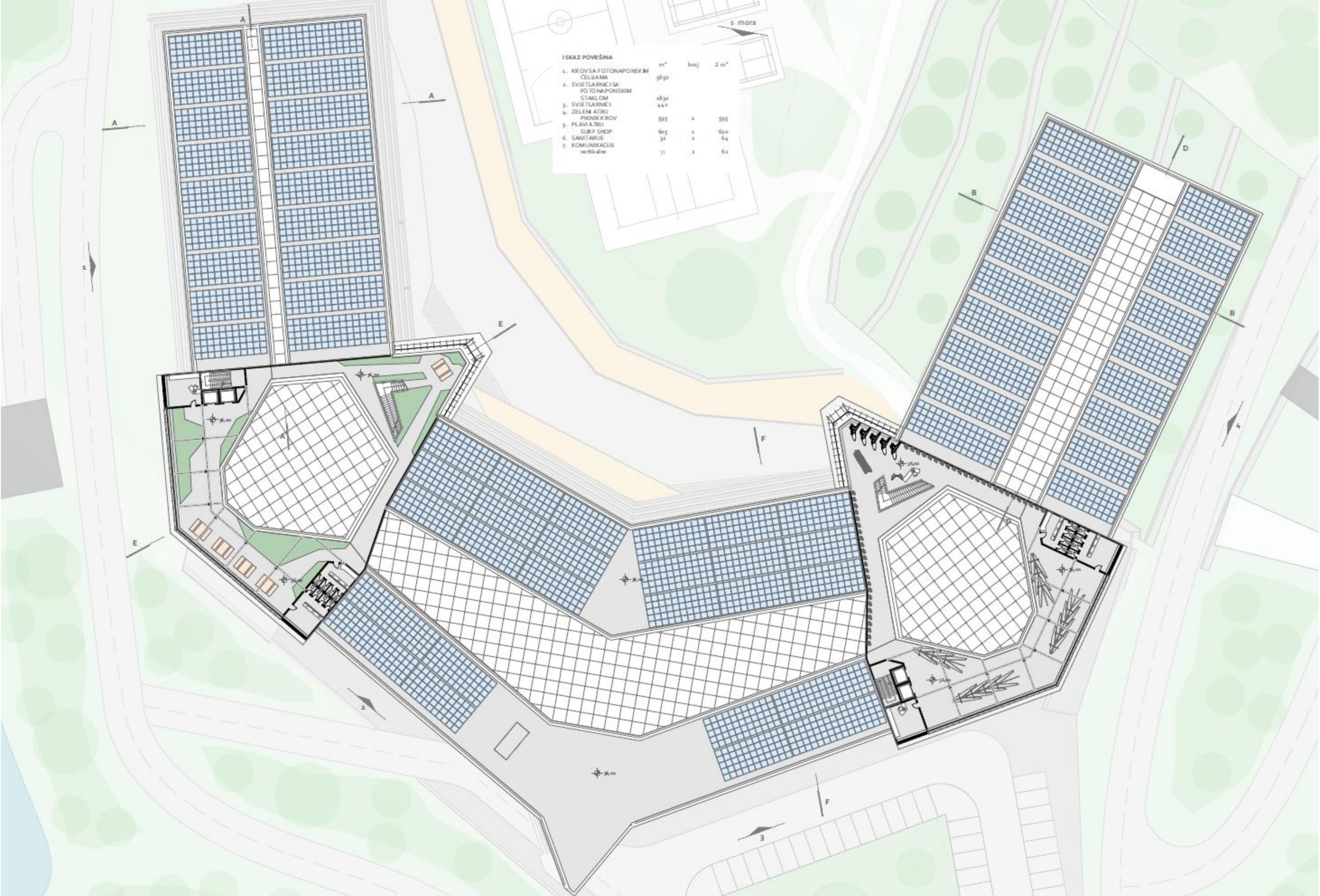


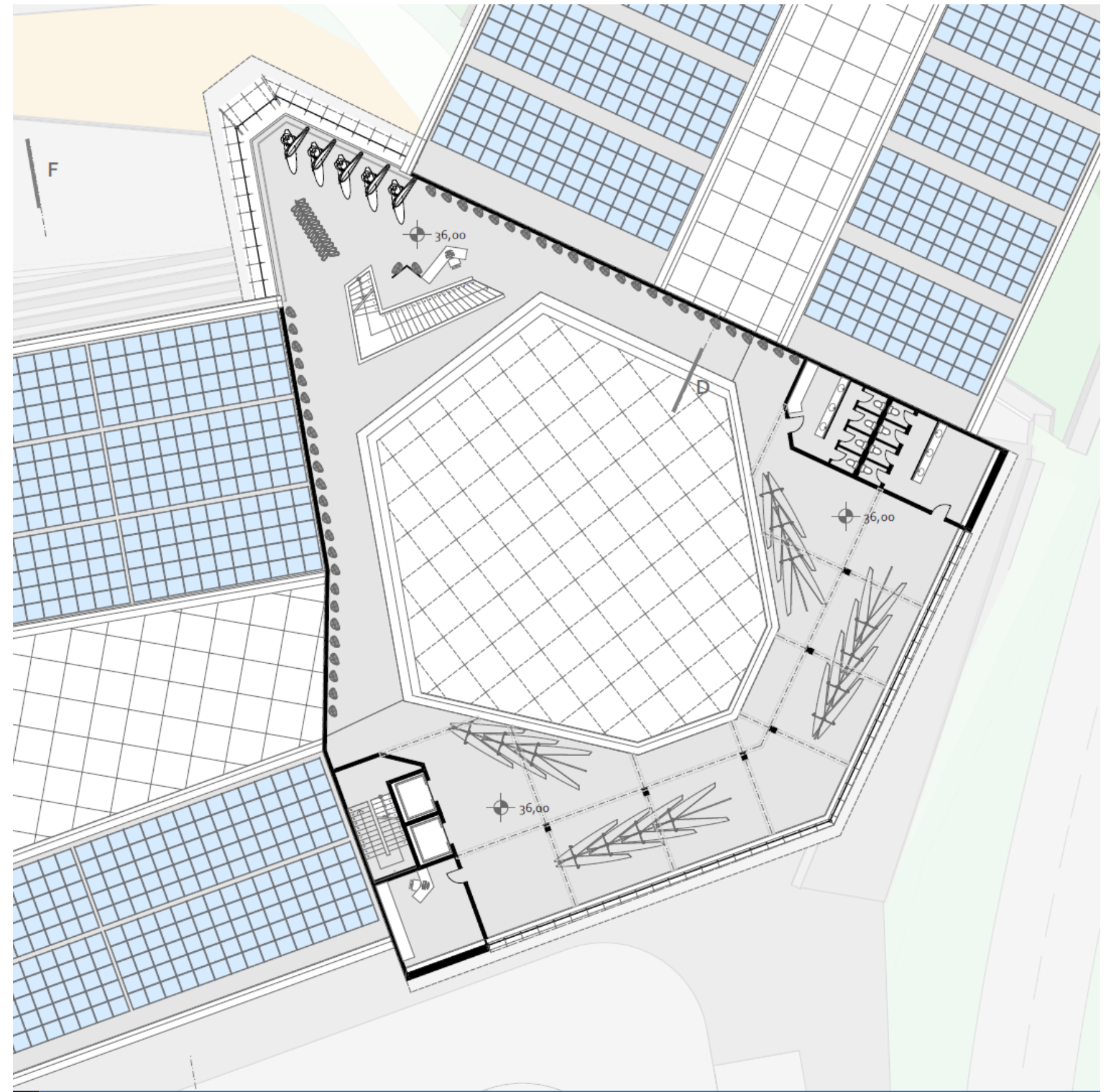
ISKAZ POVRŠINA

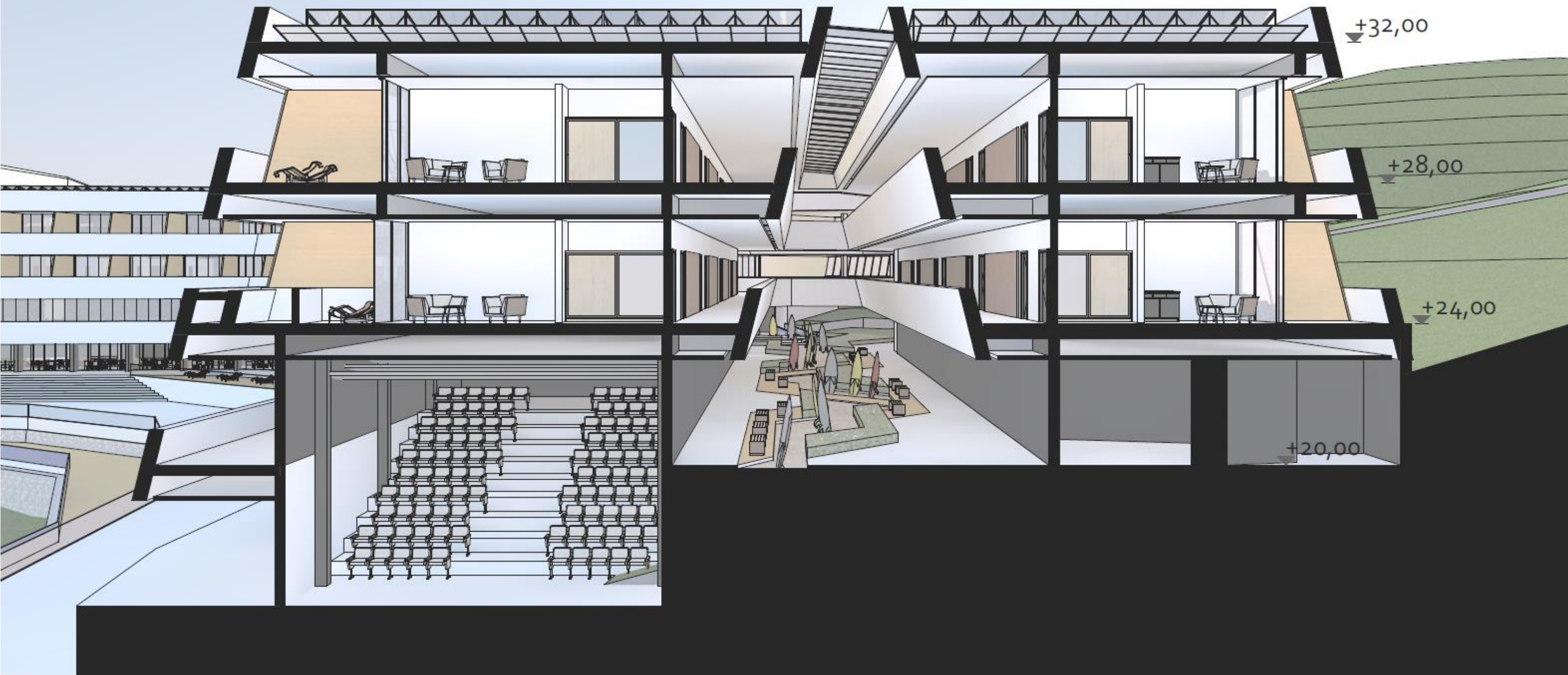
	m ²	bnj	Σ m ²
1. SOBA α	166	1	166
unutranj prostor	83		
vanjski prostor	83		
2. SOBA β	148	1	148
unutranj prostor	70		
vanjski prostor	78		
3. SOBA γ	125	1	125
unutranj prostor	63		
vanjski prostor	62		
4. SOBA δ	101	1	101
unutranj prostor	65		
vanjski prostor	36		
5. SOBE ε	464	8	464
unutranj prostor	40		
vanjski prostor	18		
6. SOBE ζ	1232	22	1232
unutranj prostor	38		
vanjski prostor	18		
7. SOBE η	968	22	968
unutranj prostor	31		
vanjski prostor	10		
8. SOBE θ	320	8	320
unutranj prostor	31		
vanjski prostor	9		
9. ZELENI ATRIJ	640	1	640
10. PLAVI ATRIJ	605	1	605
11. LOUNGE BAR	350	1	350
12. SANITARJE	64	2	64
13. KOMUNIKACIJE	93	3	93
vertikalne	31		
horizontalne	62		

ISKAZ POVRŠINA

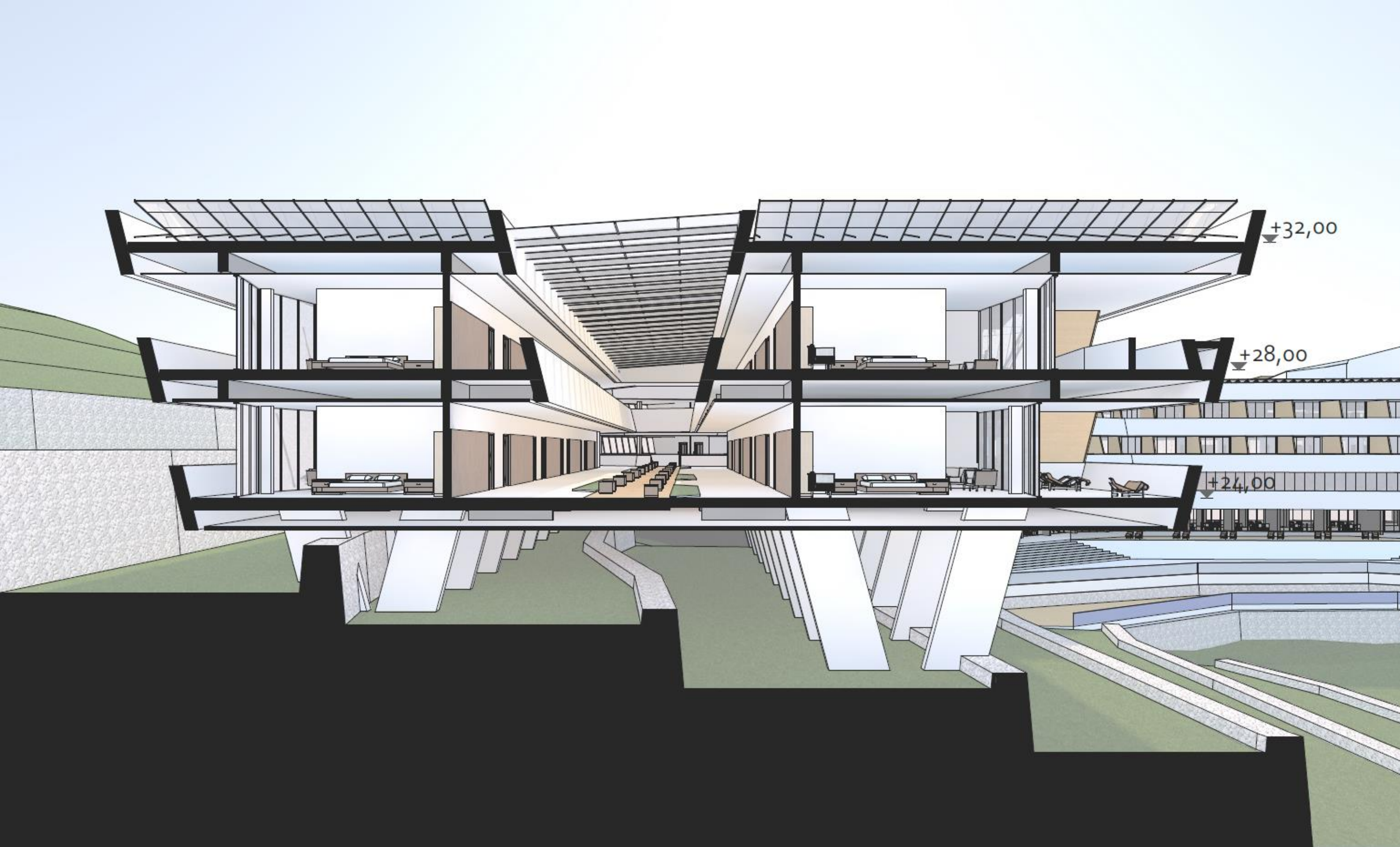
	m ²	broj	Σ m ²
1. KROV SA FOTONAPONSKIM CELISAMA	9590		
2. SVJETLARNICI SA FOTONAPONSKIM STAKLOM	1830		
3. SVJETLARNICI	442		
4. ZELEN ATRIJ PIKNIK KROV	995	1	995
5. PLAVA TRIJ SURF SHOP	605	1	600
6. SANITARJE	32	2	64
7. KOMUNIKACIJE vertikalne	31	2	62







Presjek A-A



Presjek B-B



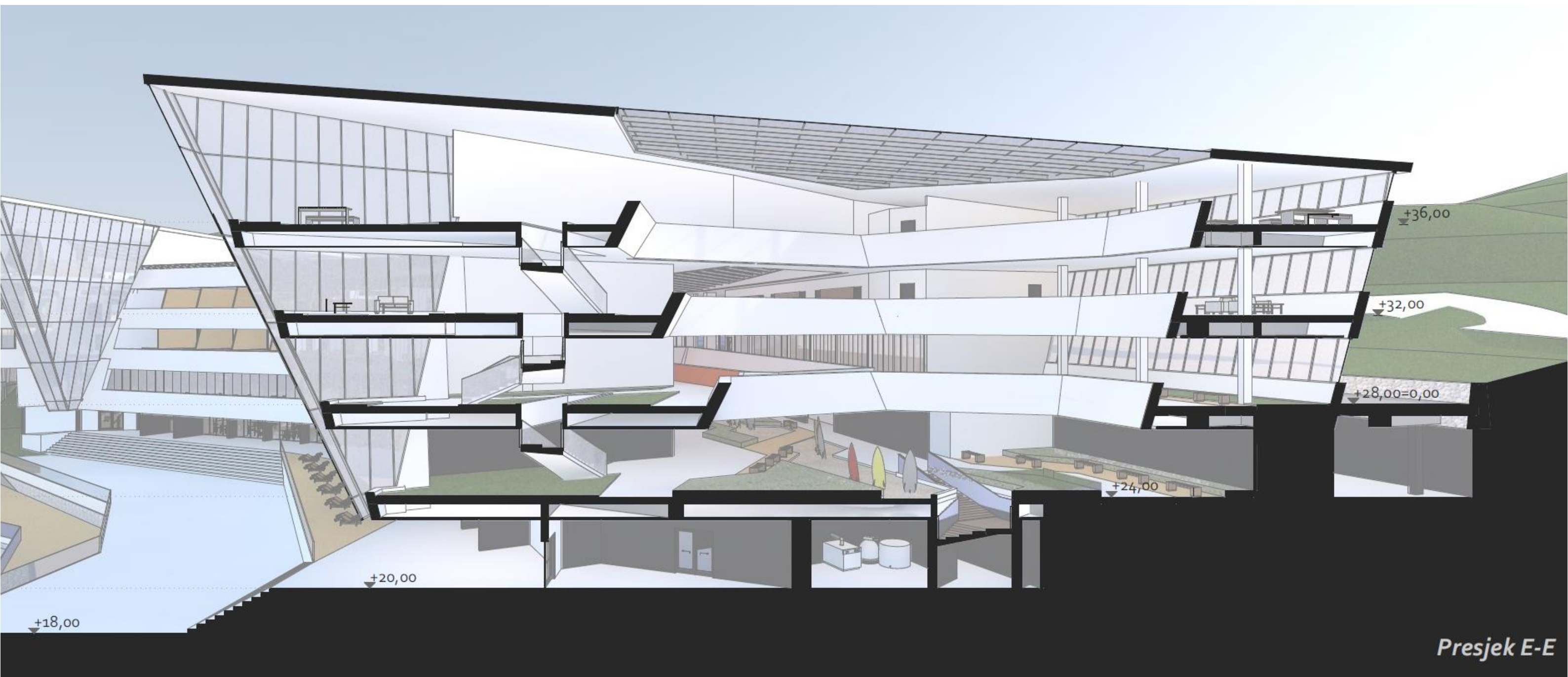
Amfiteatar

Sala za sastanke

Predavaonice

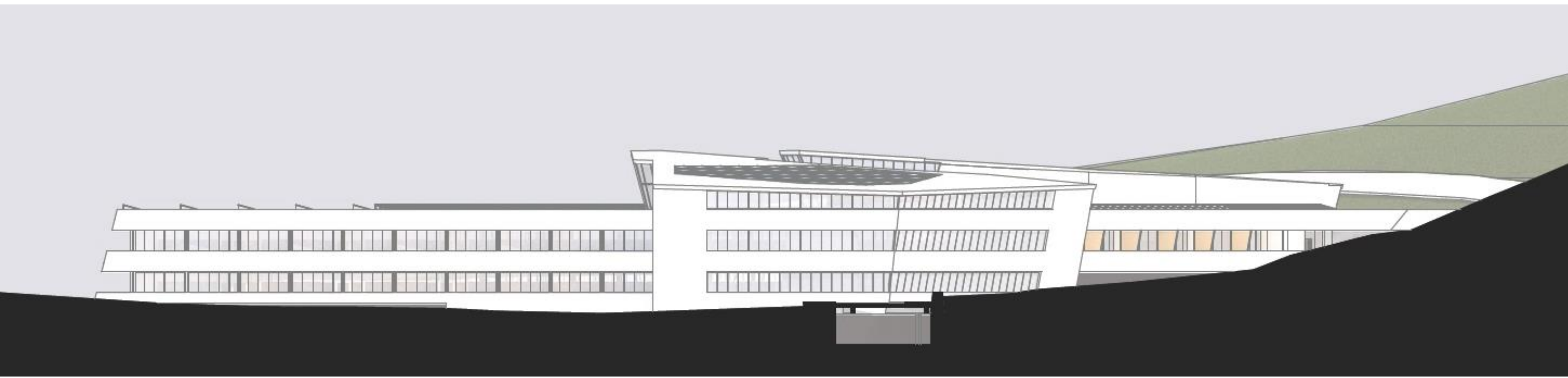
Presjek C-C

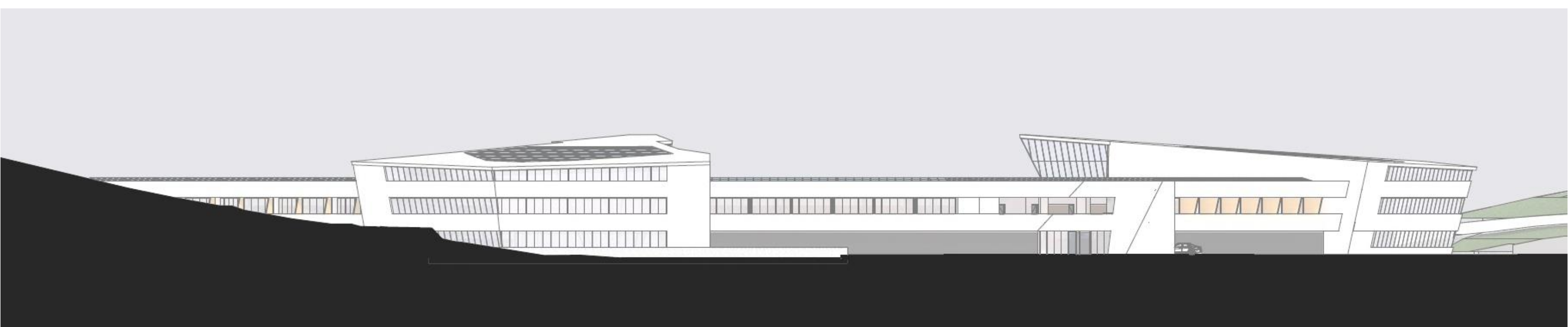


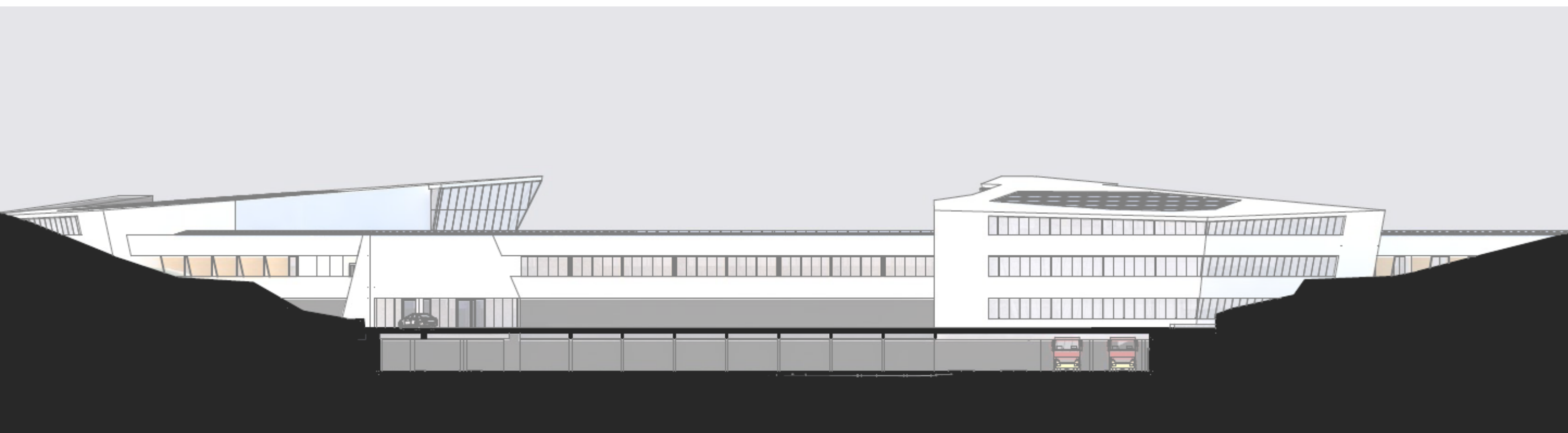


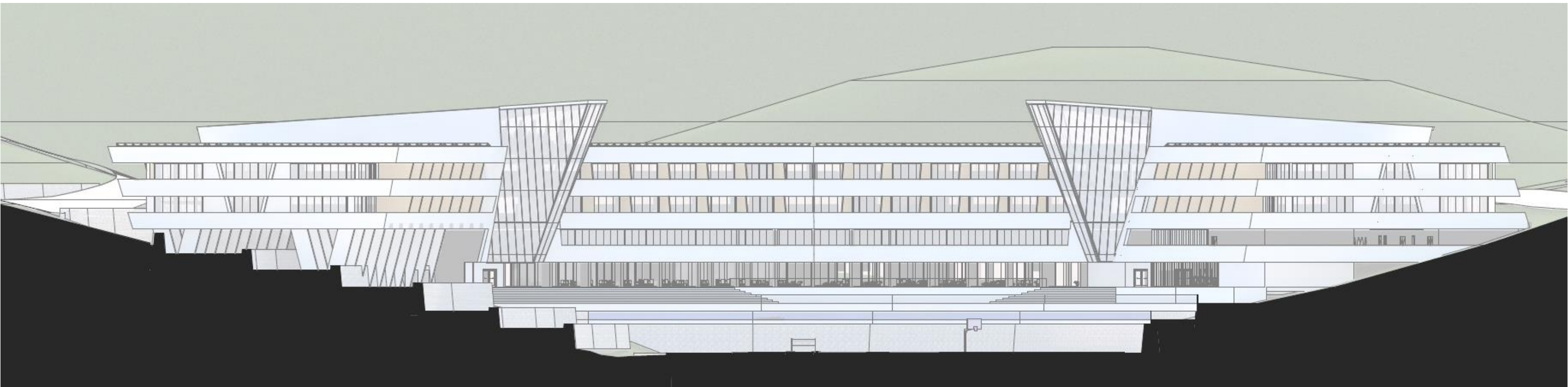


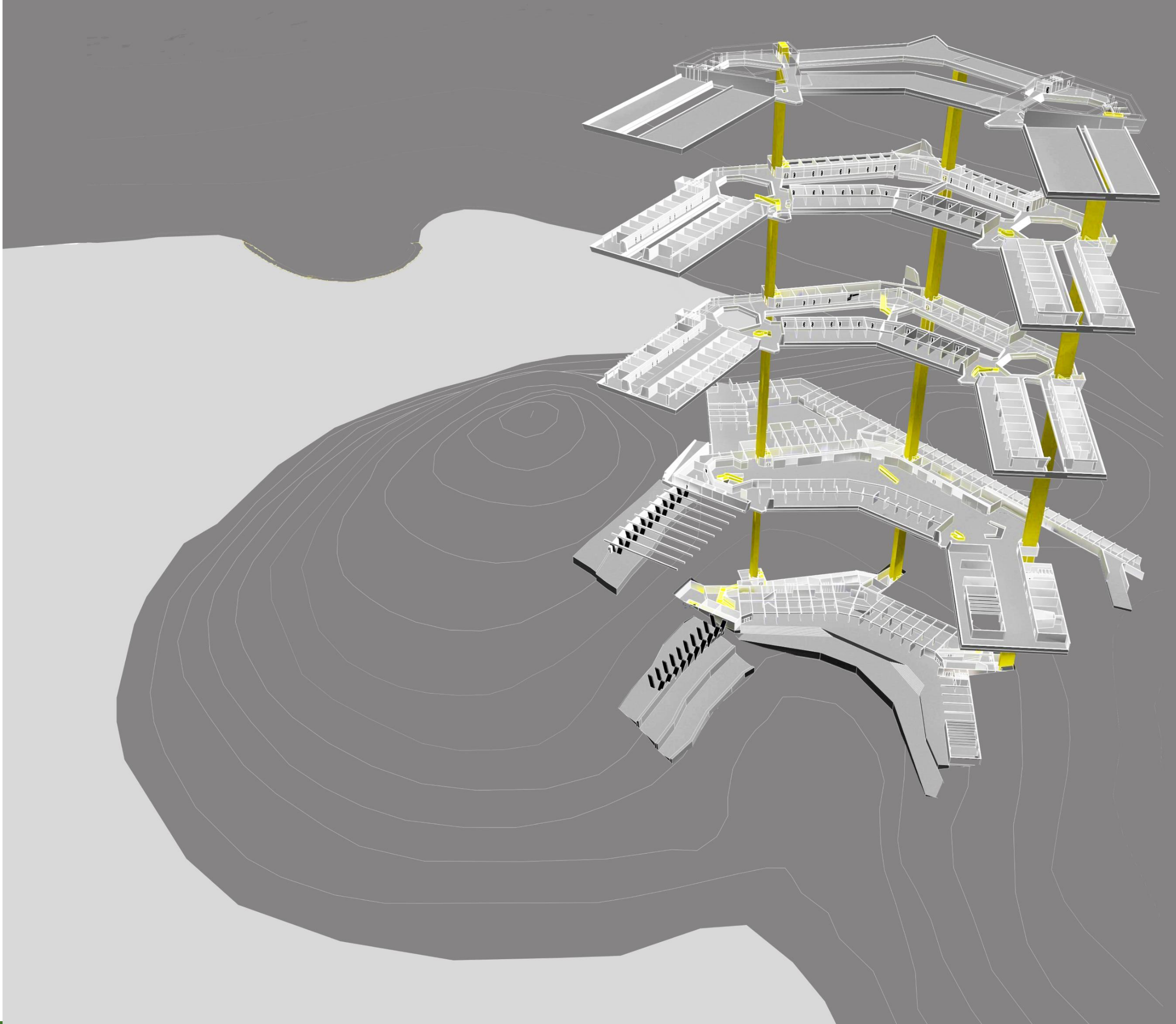
Presjek F-F

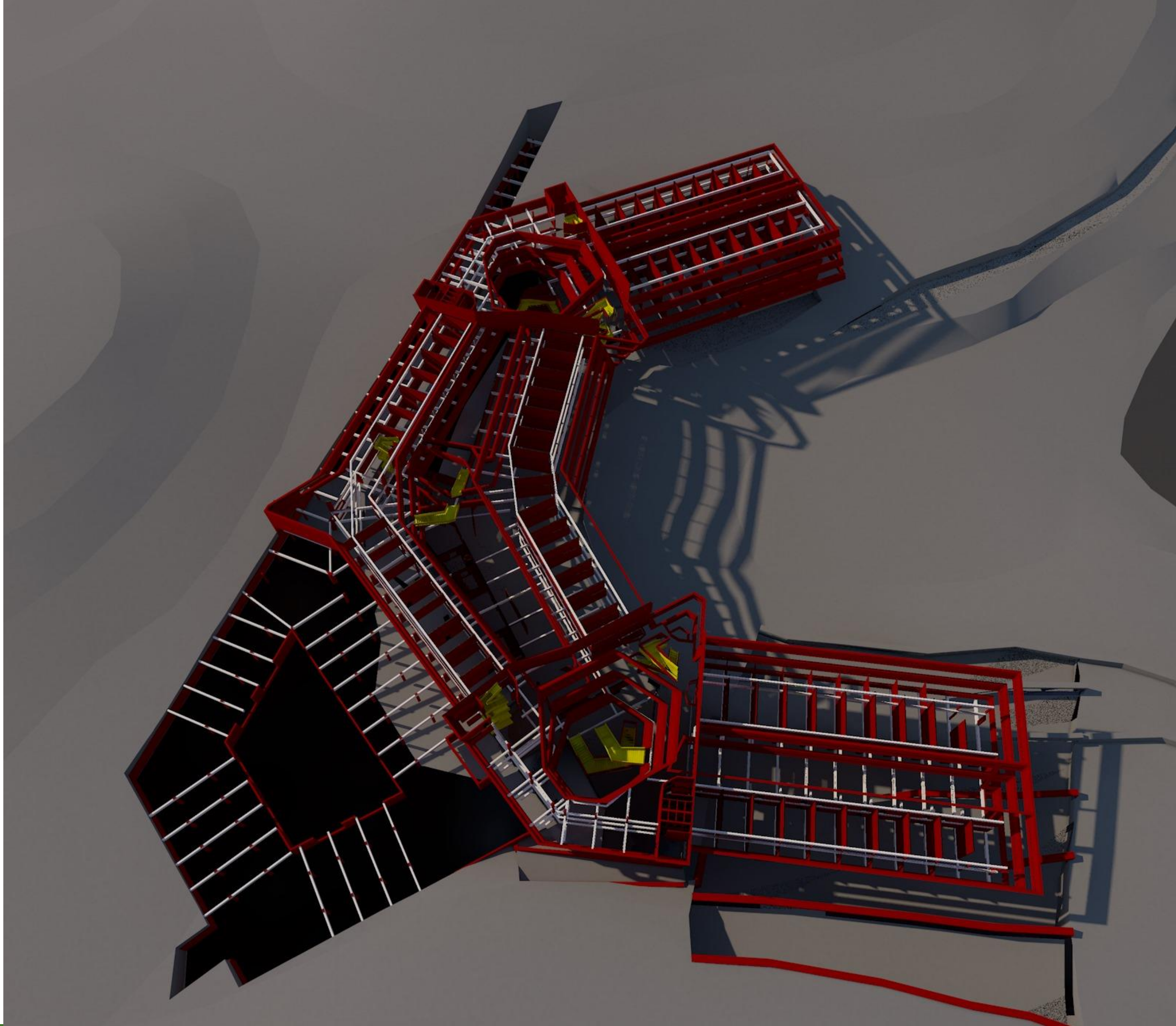








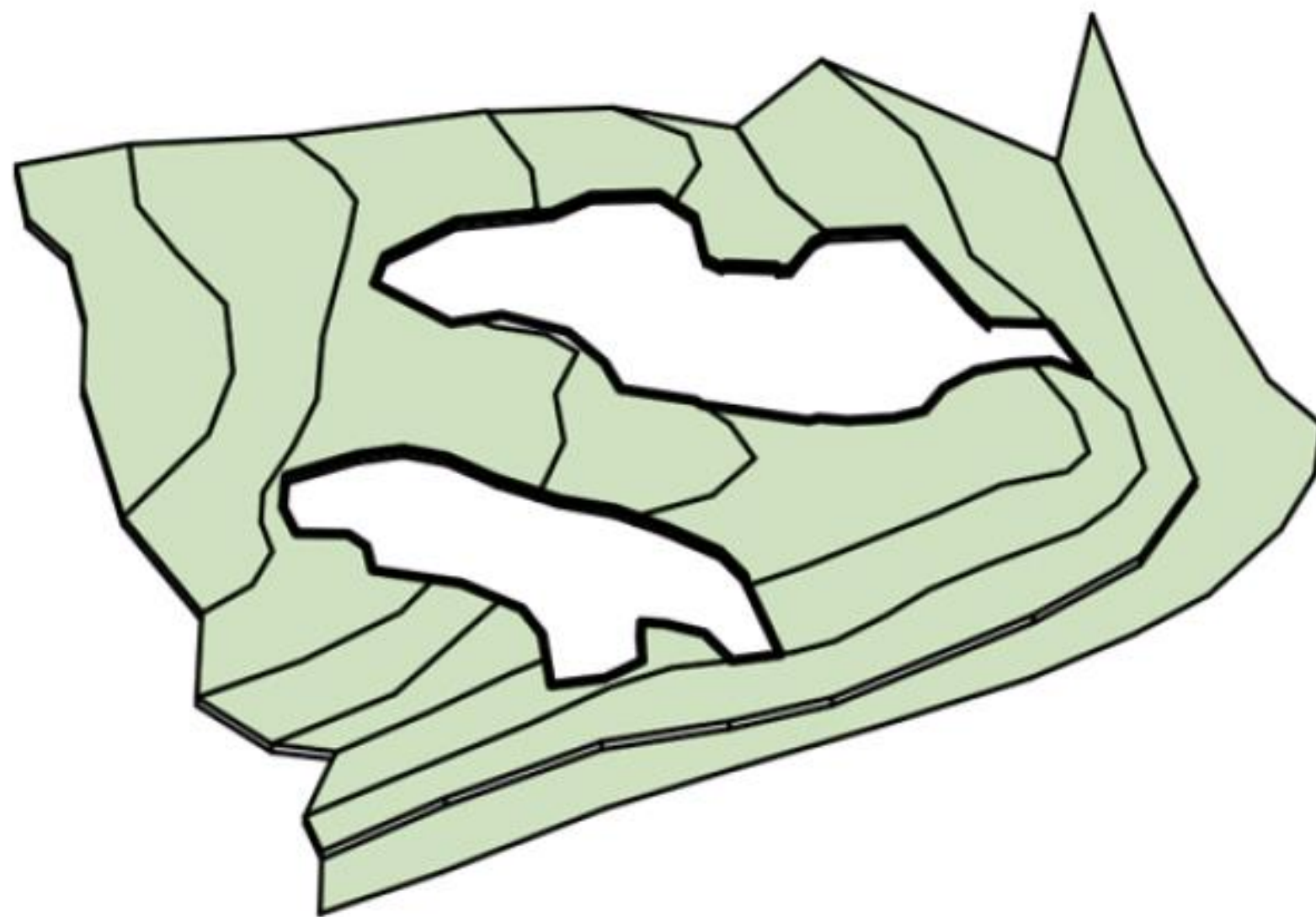


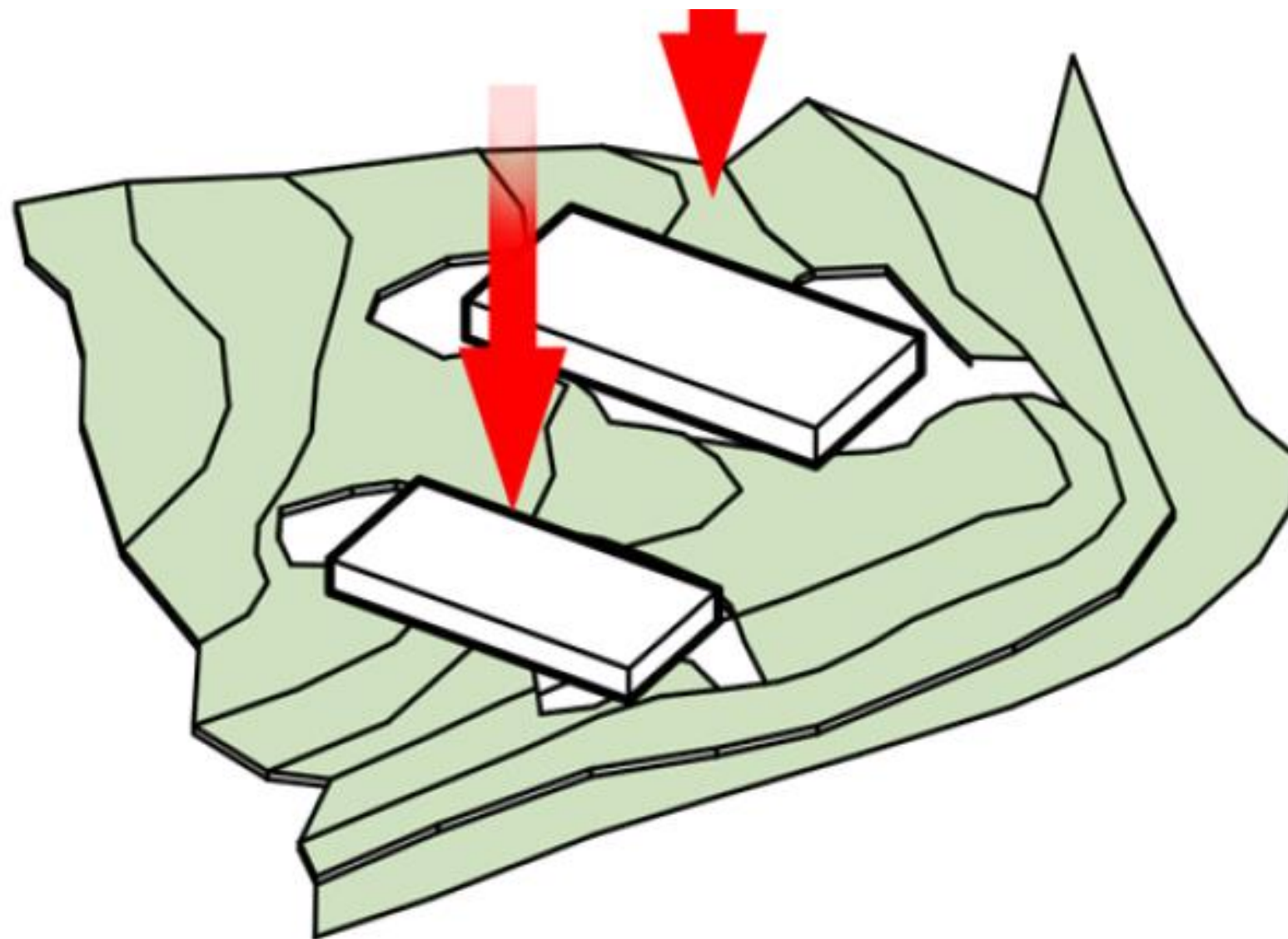


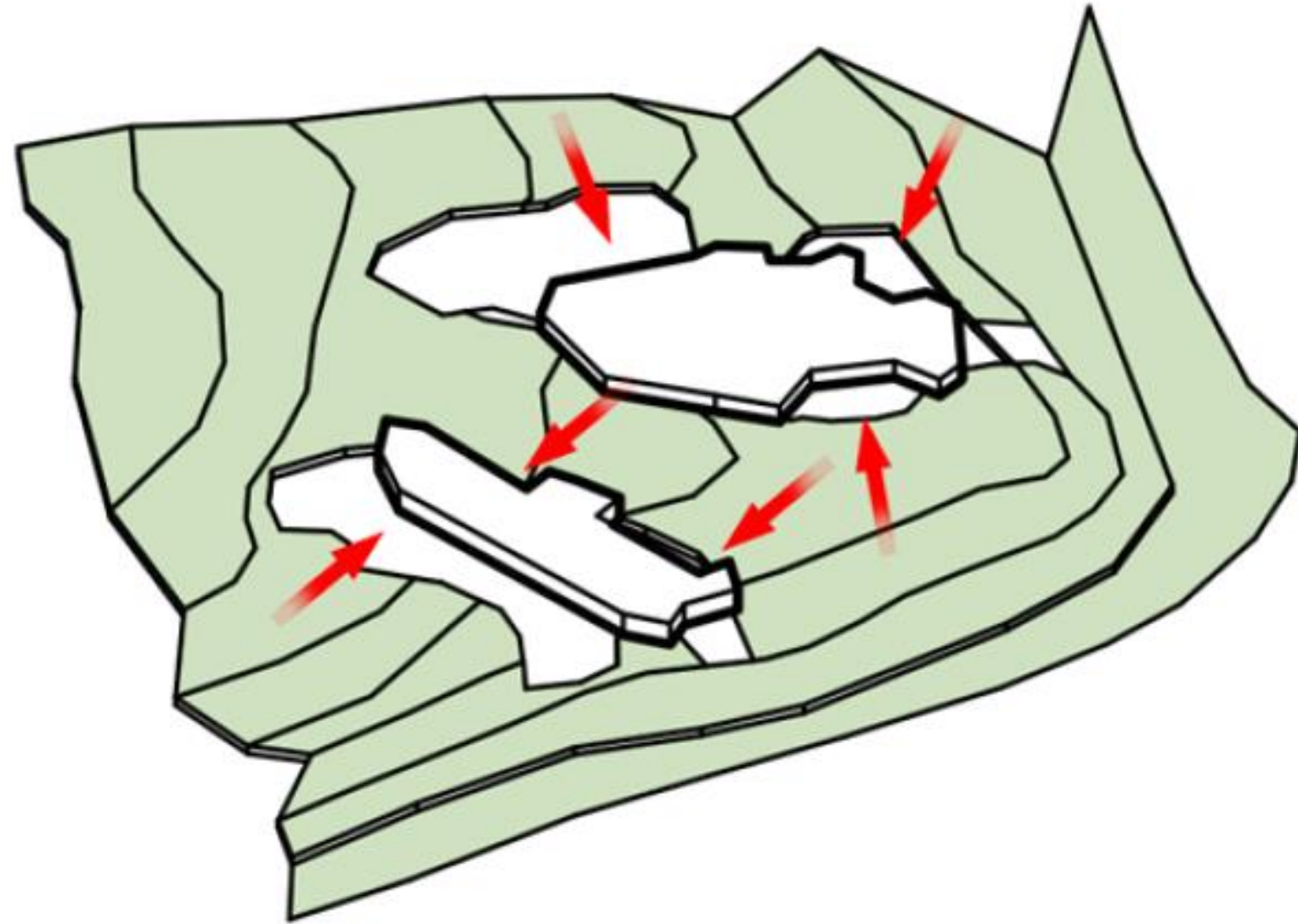


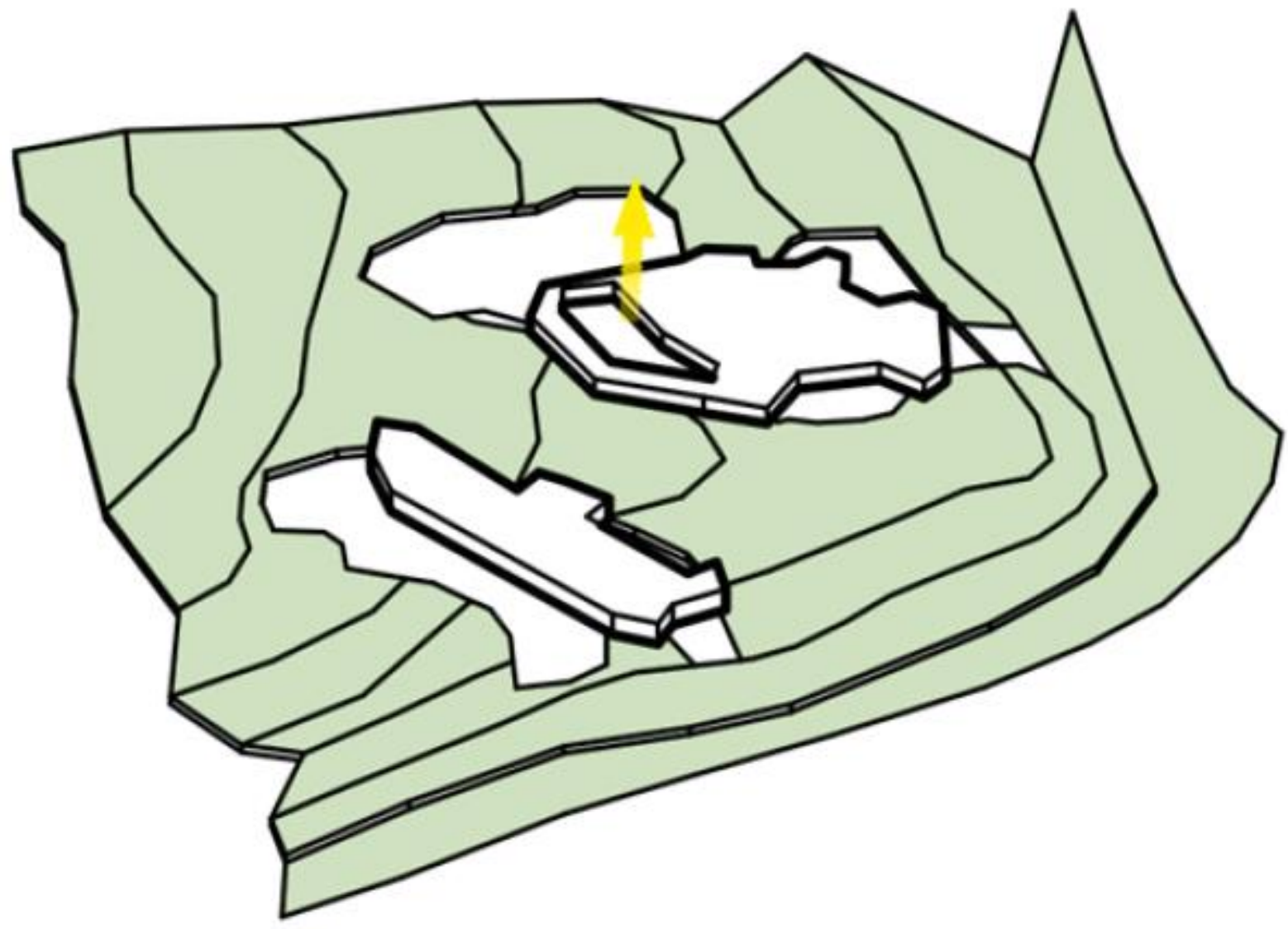
SPA

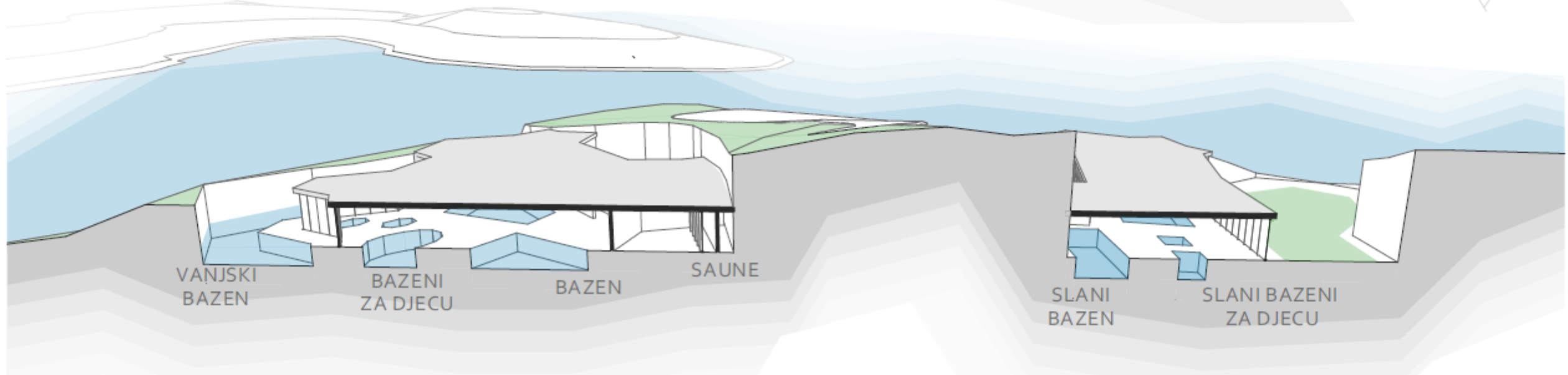
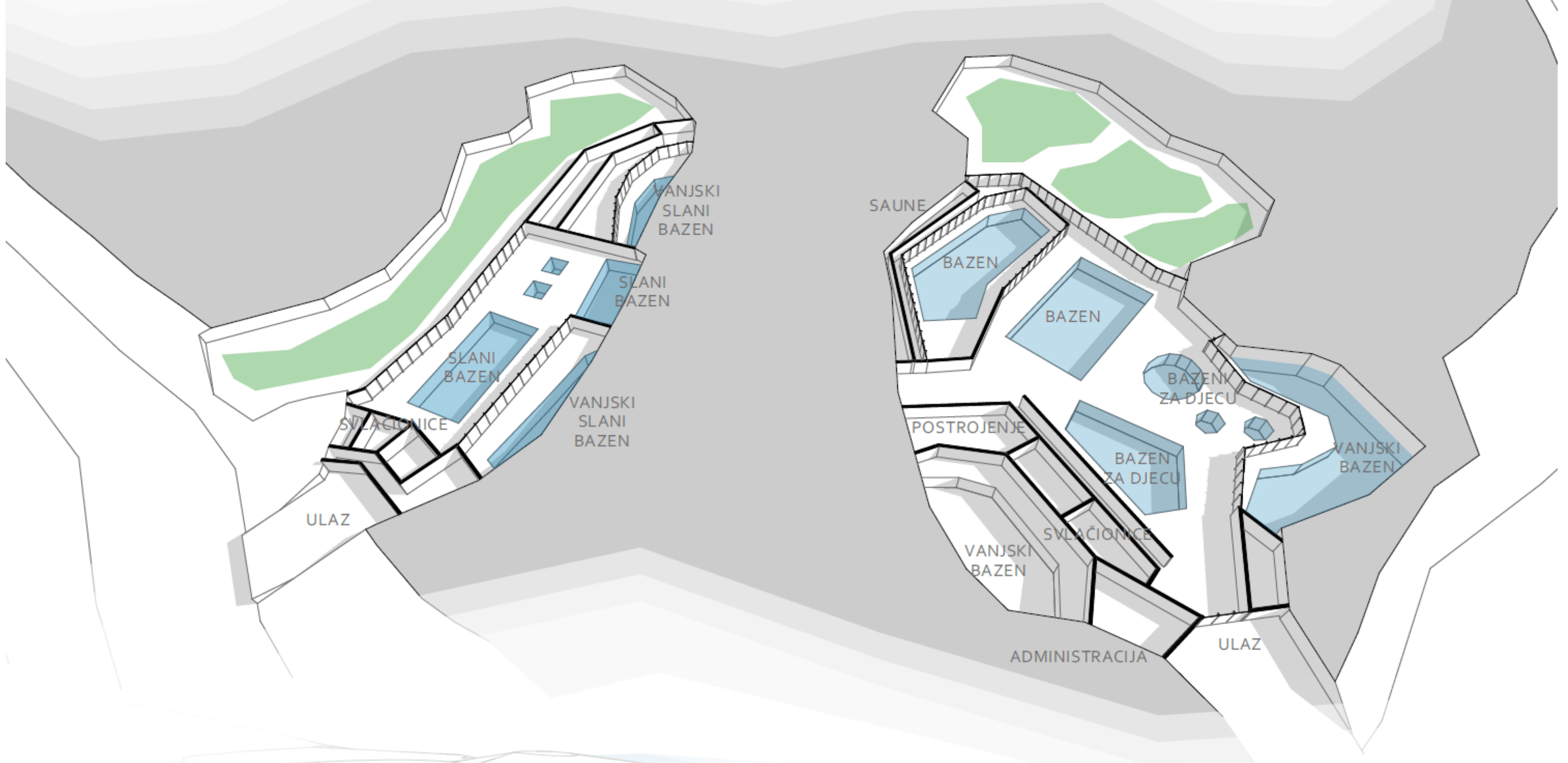






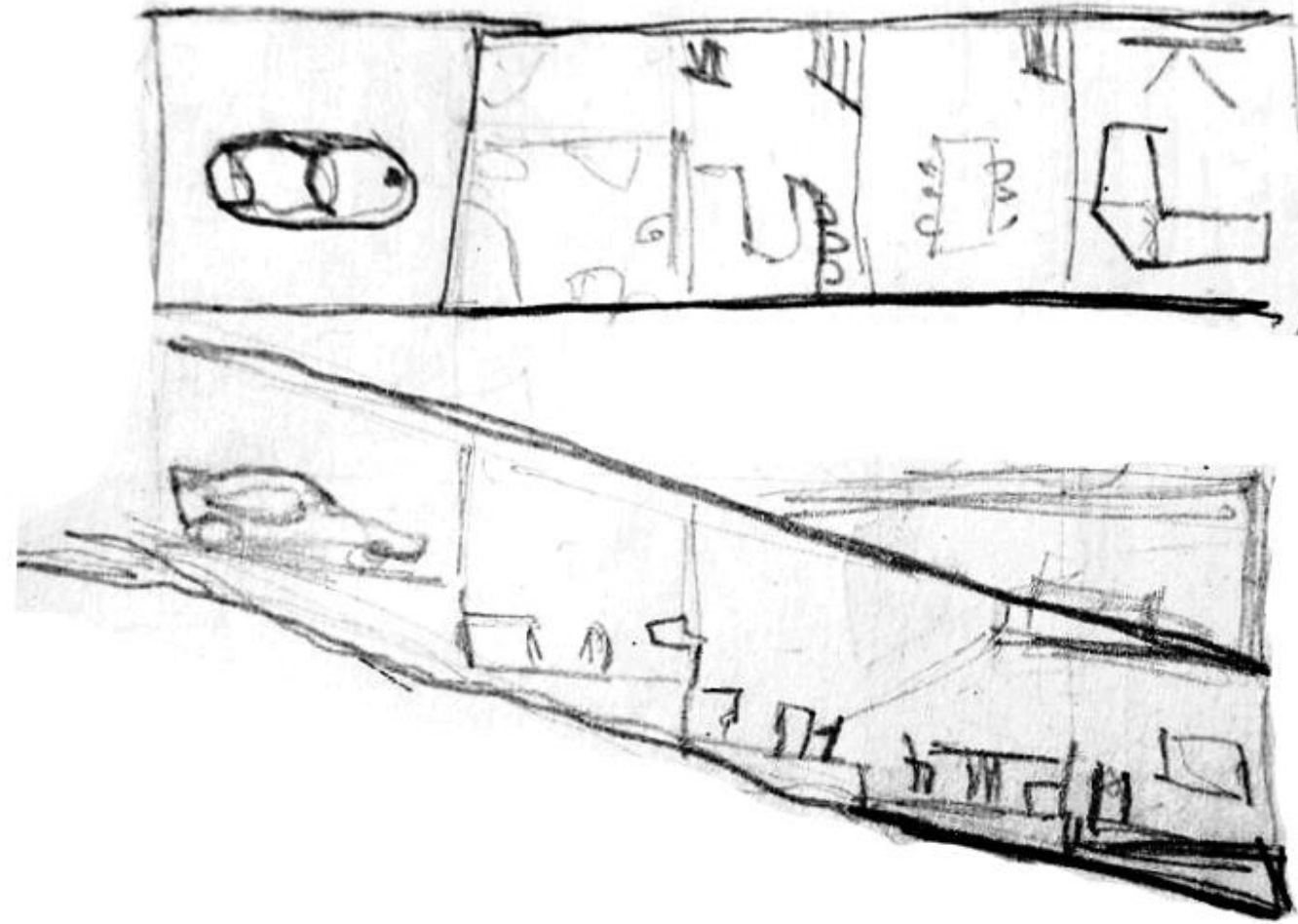


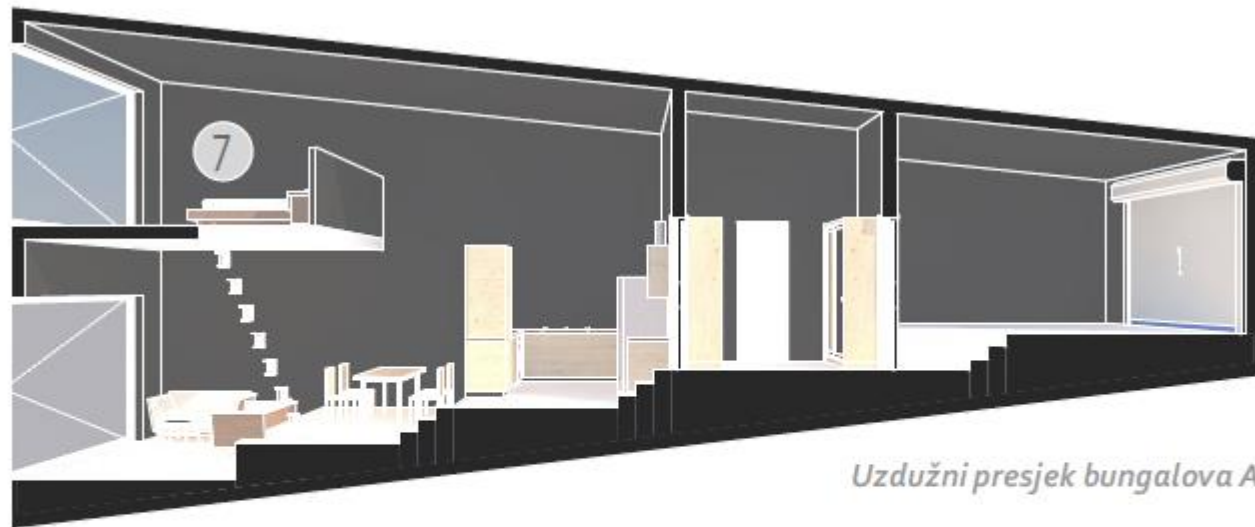




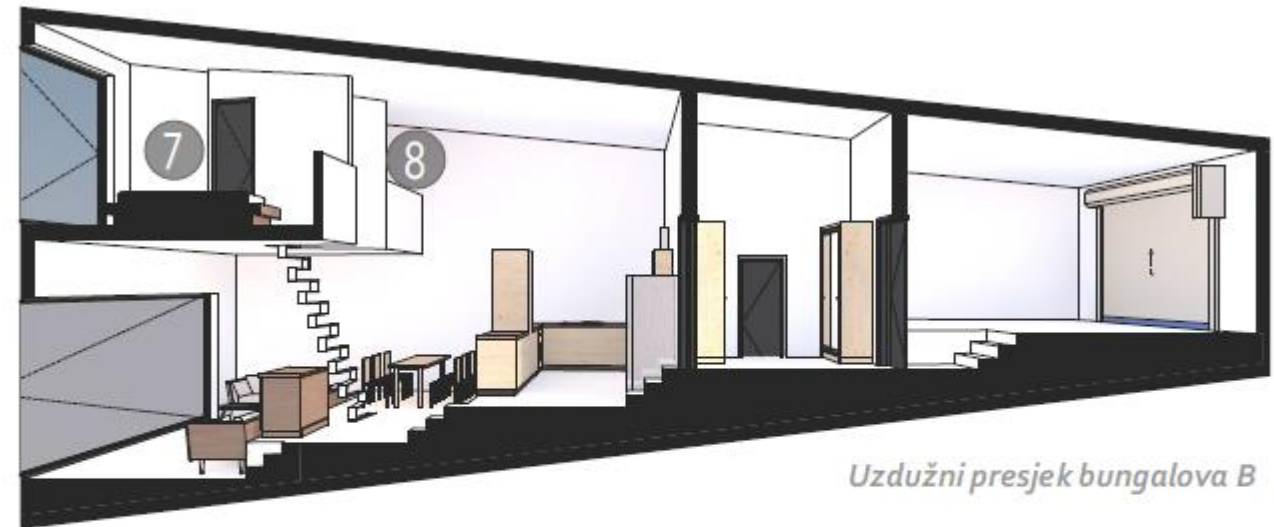
BUNGALOVI







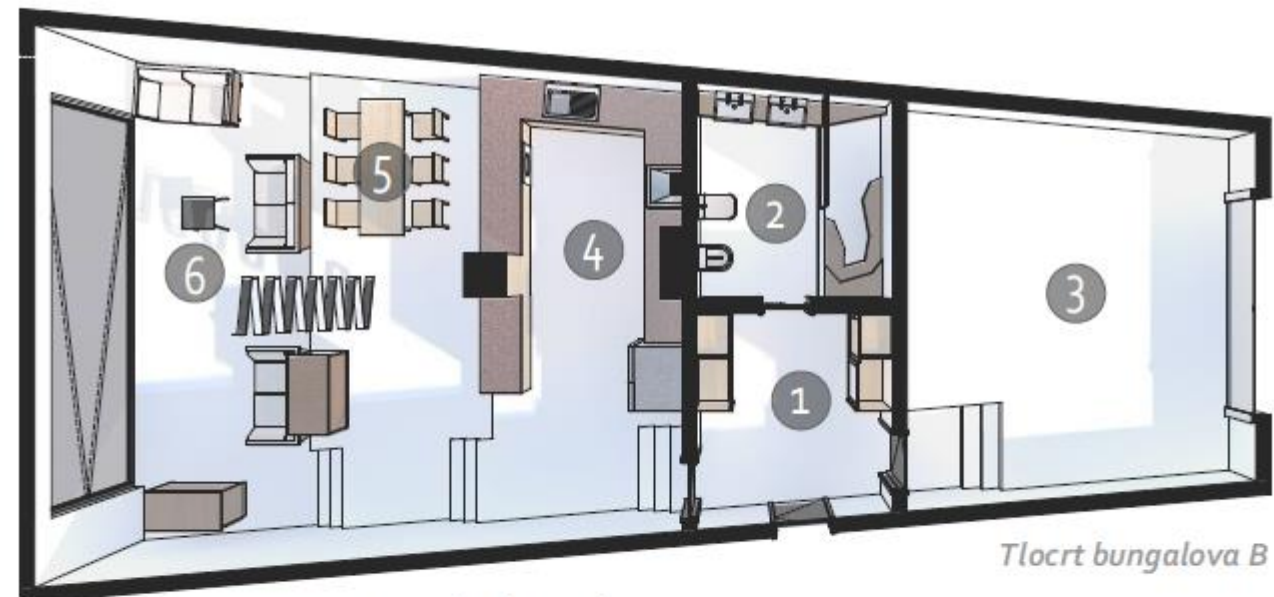
Uzdužni presjek bungalova A



Uzdužni presjek bungalova B



Tlocrt bungalova A



Tlocrt bungalova B

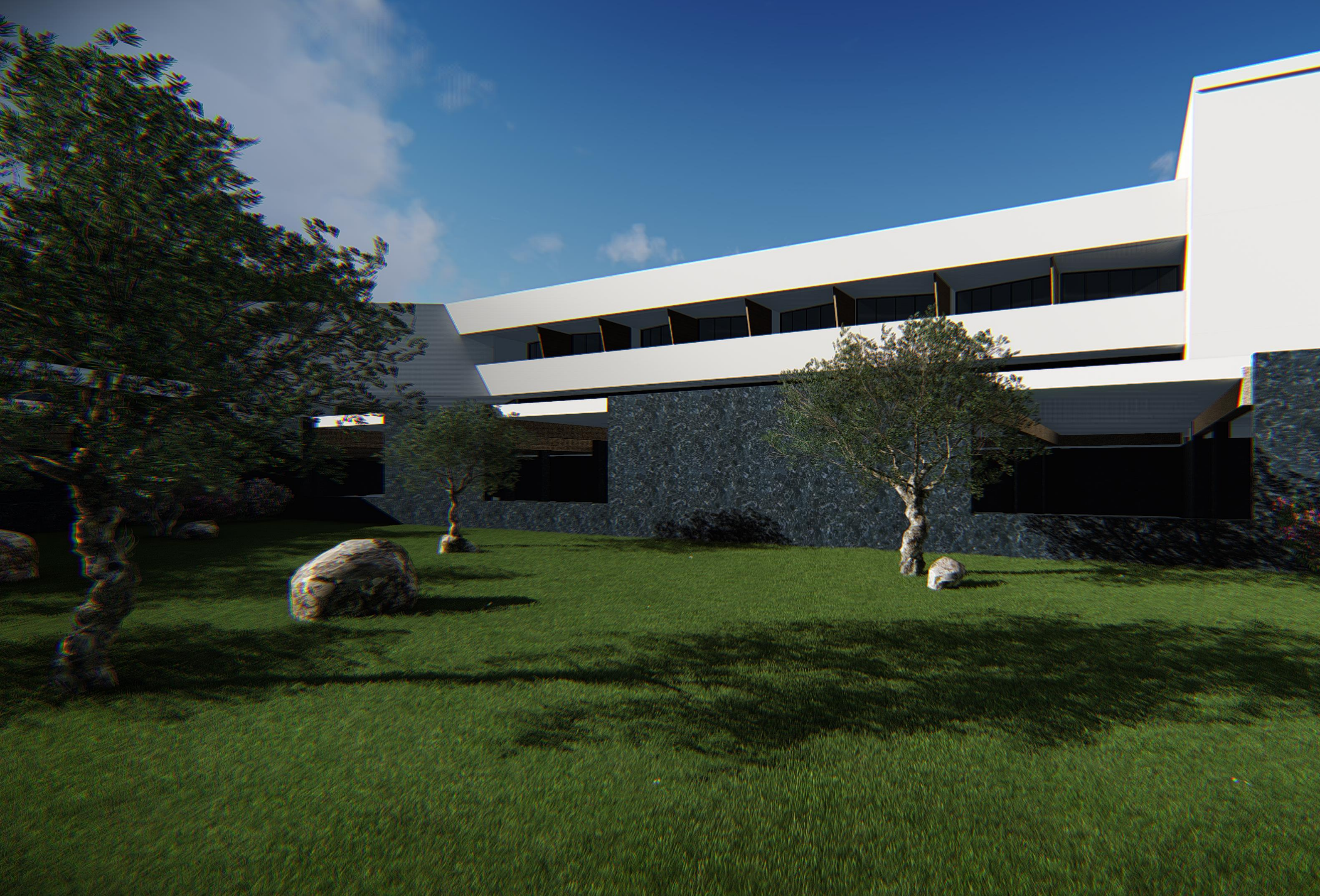
Jednosobni bungalov

	m ²
① Ulazni prostor	6
② Kupaonica	6
③ Garaža	23
④ Kuhinja	14
⑤ Blagovaonica	14
⑥ Dnevna soba	14
⑦ Spavaća soba	19

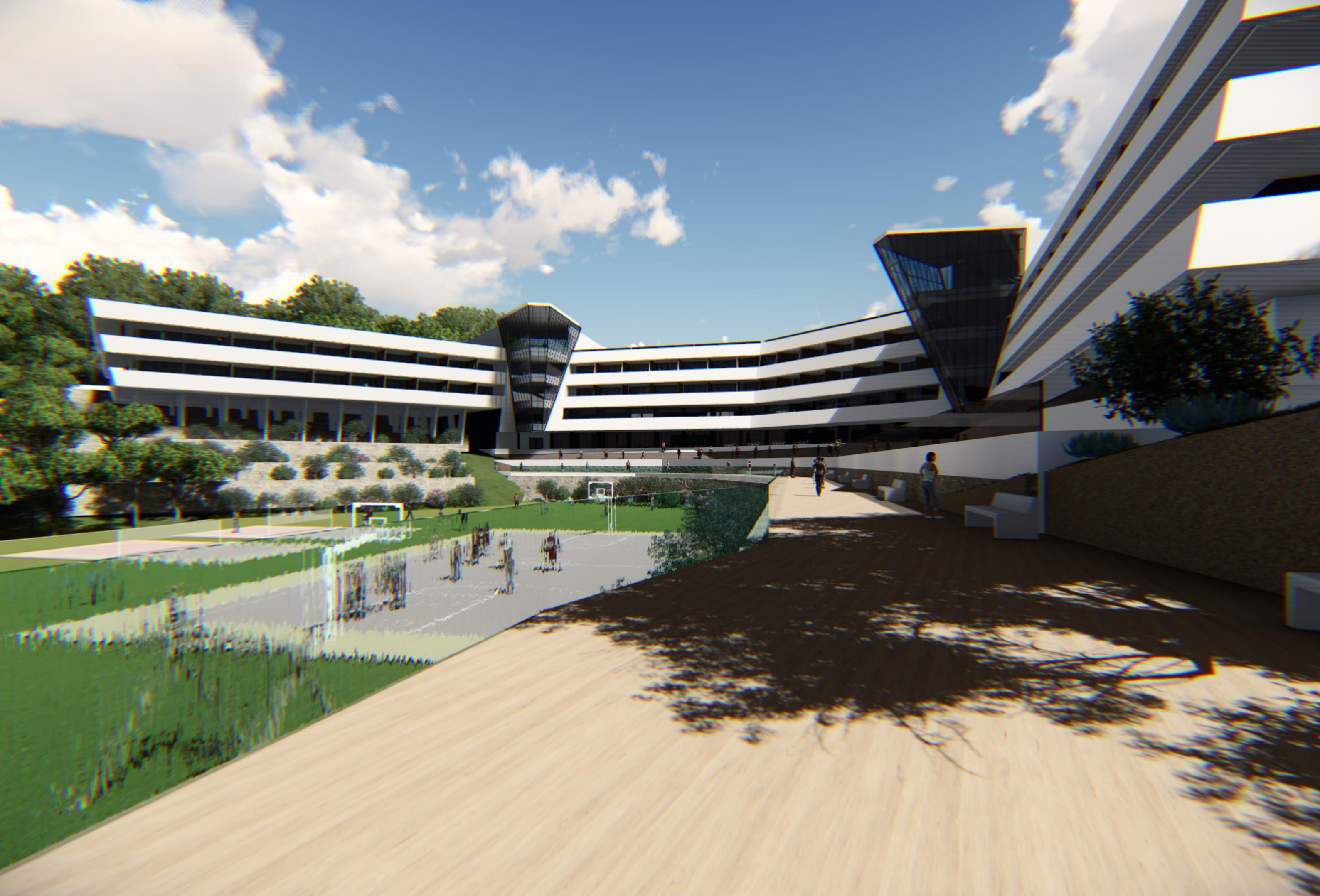
Dvosobni bungalov

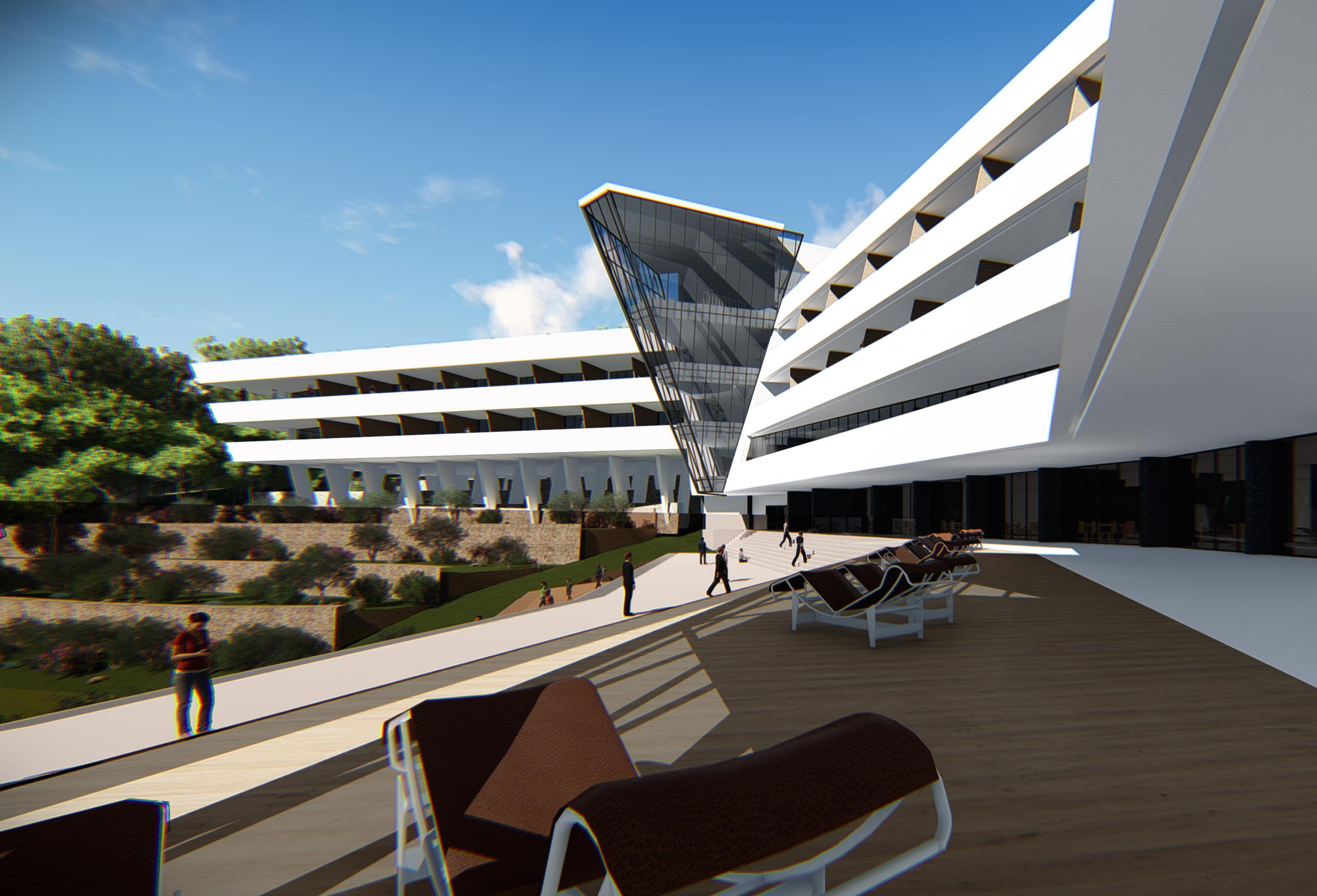
	m ²
① Ulazni prostor	8
② Kupaonica	8
③ Garaža	25
④ Kuhinja	19
⑤ Blagovaonica	21
⑥ Dnevna soba	22
⑦ Spavaća soba 1	13
⑧ Spavaća soba 2	13

VIZUALIZACIJE

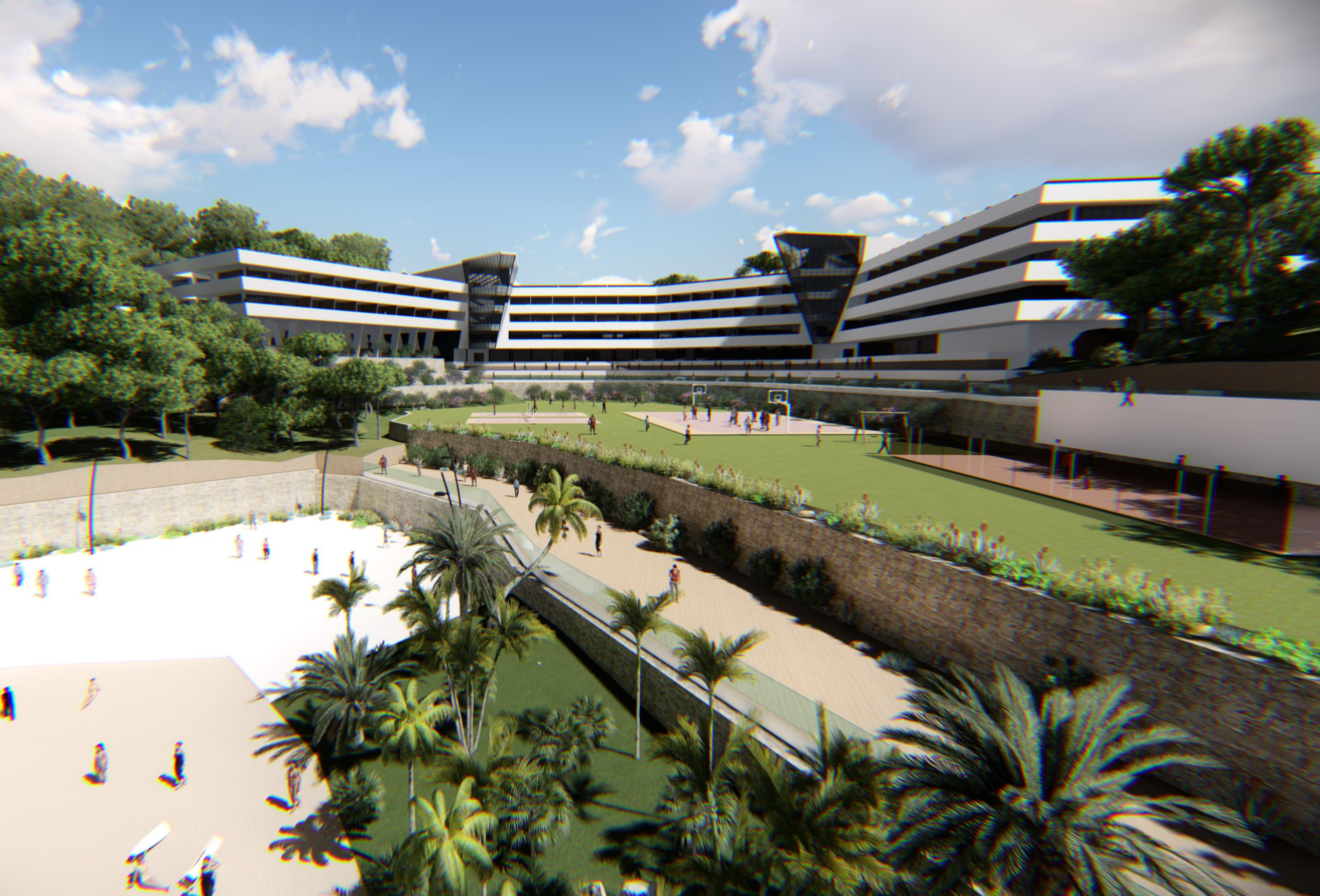


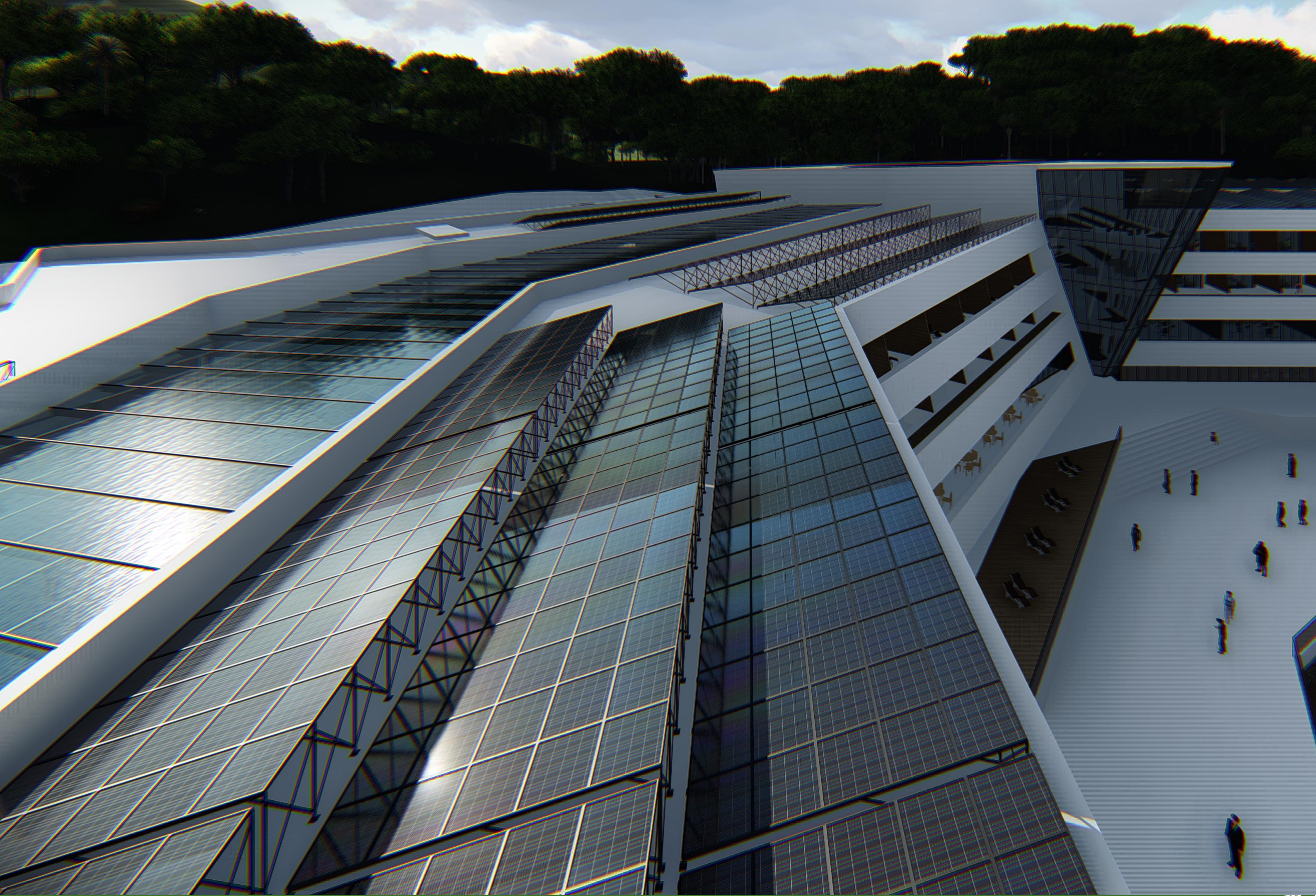














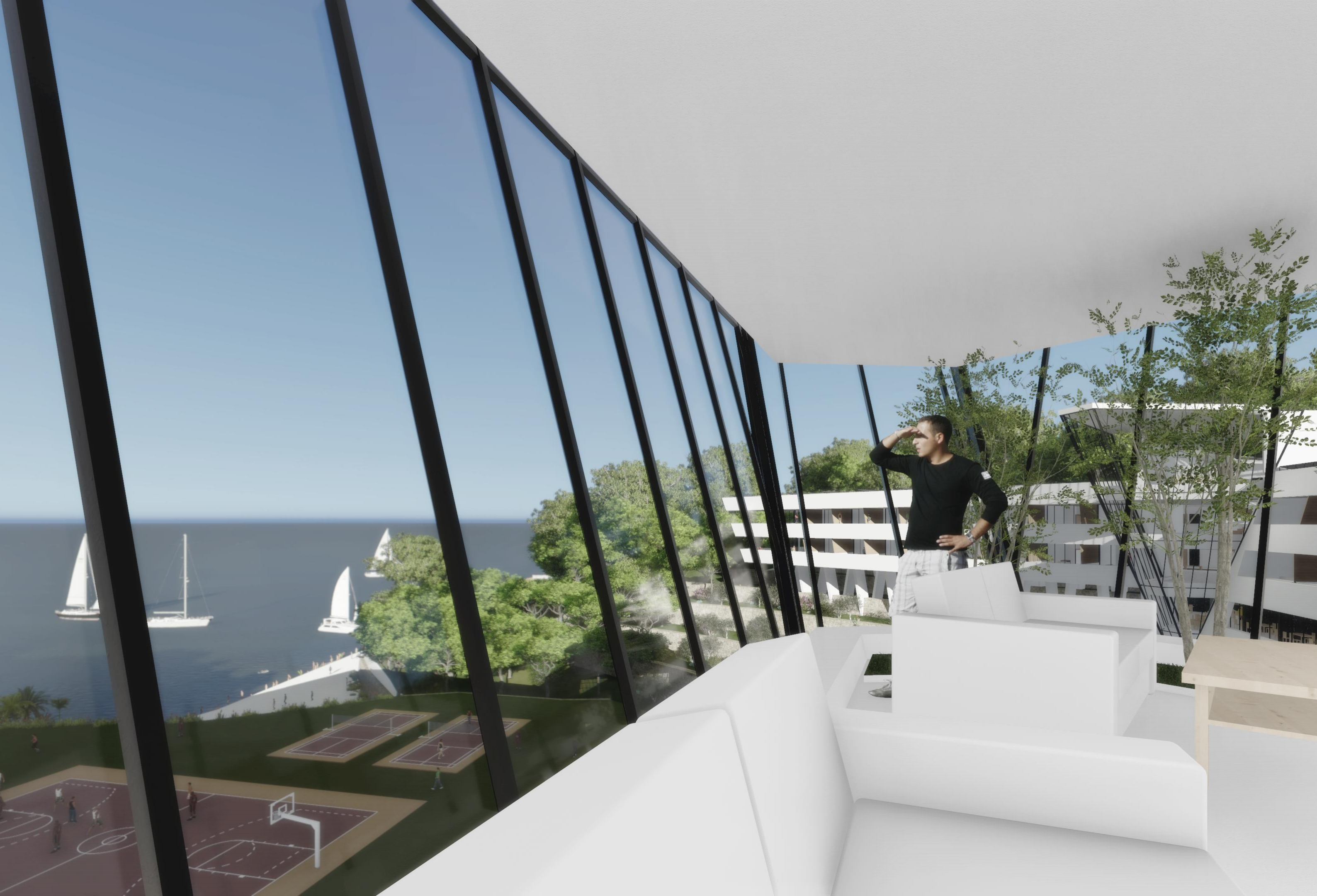






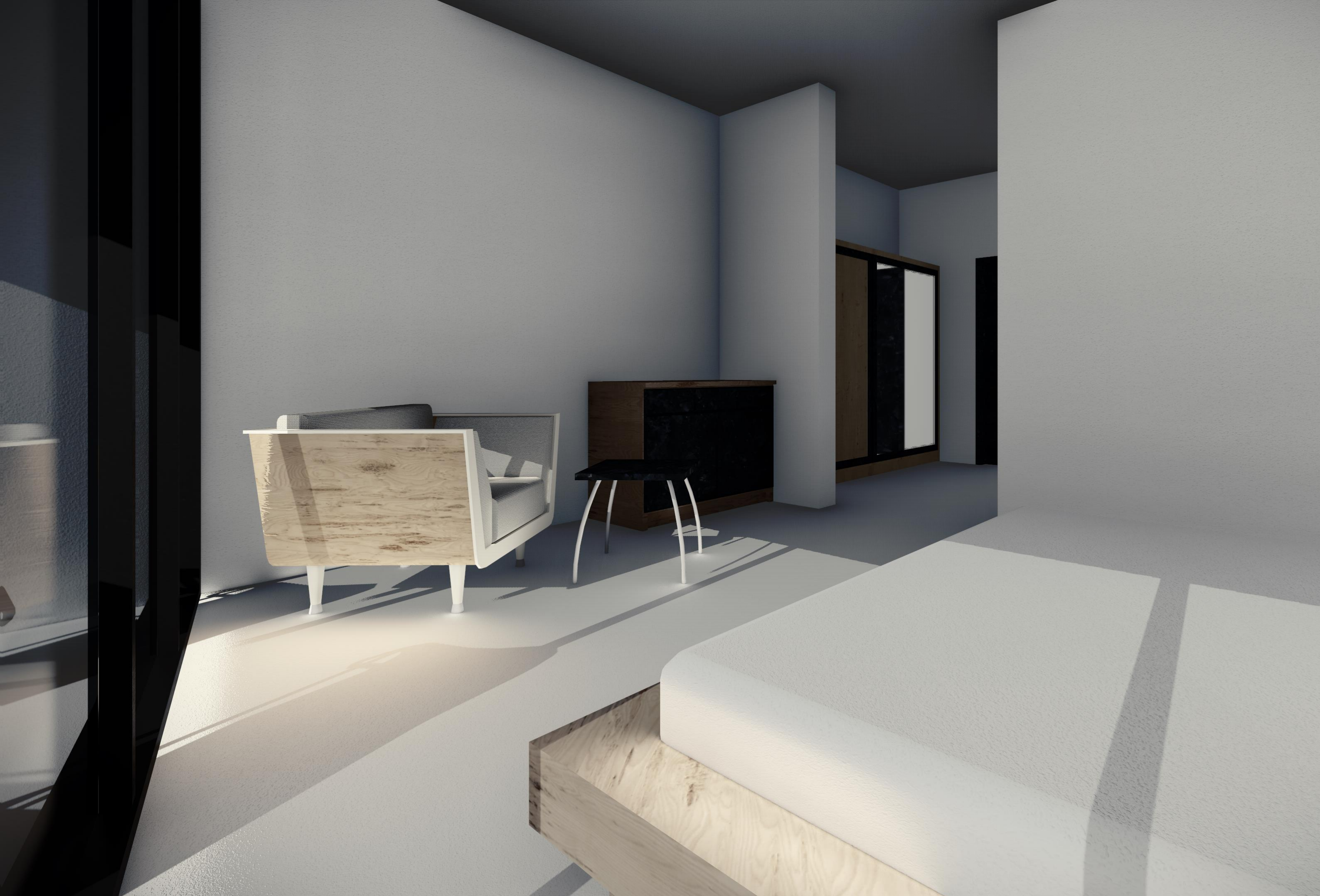
















ZAHVALE :

Mentoru : prof.art. Anti Kuzmaniću
Komentoru : prof.dr.sc. Juri Margeti
Konzultantu za konstrukcije : prof.dr.sc. Borisu Trogriću

Profesorima :
doc.dr.sc. Ivi Andriću
doc.dr.sc Veljku Srziću
prof.dr.sc Miji Vranješ

Gradonačelniku Andriji Fabrisu i uredu za urbanizam grada Korčule

Kolegama :
Niki Peraniću
Ivanu Repušiću
Dunji Mitrović
Nori Dešković

Rukovoditelju ODS Elektrojug-a dipl.ing.el. : Nikoli Lausu

Tehničkom direktoru NPKL-a : dipl ing.aedif. : Nevenu Brčiću

i svim ostalima koji su pomogli u izradi ovog dipomskog rada

