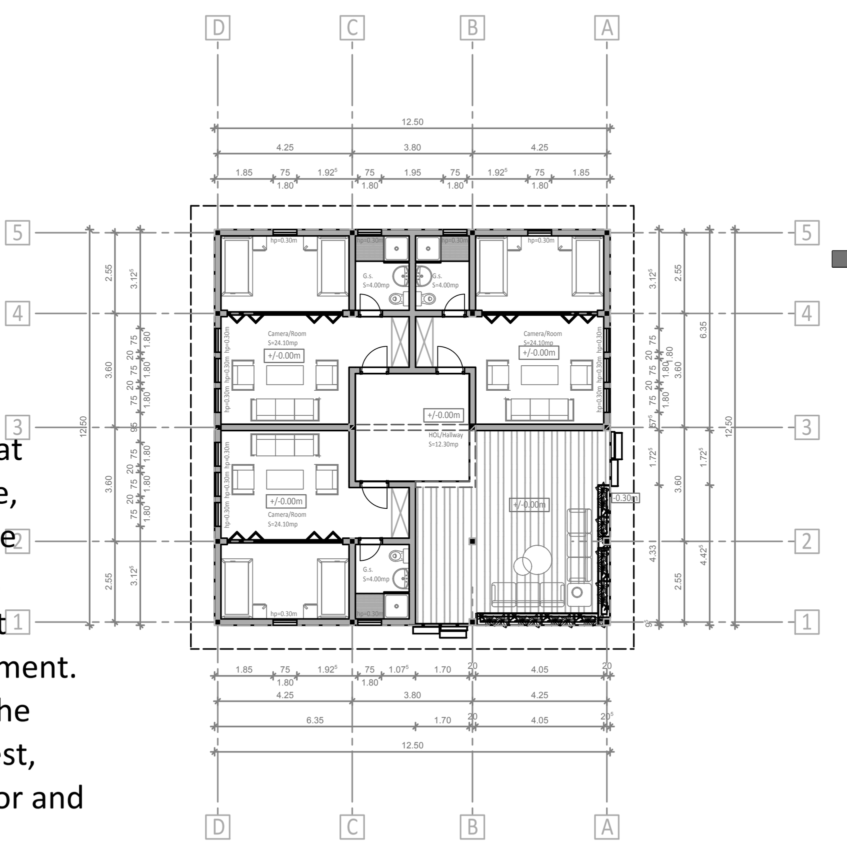
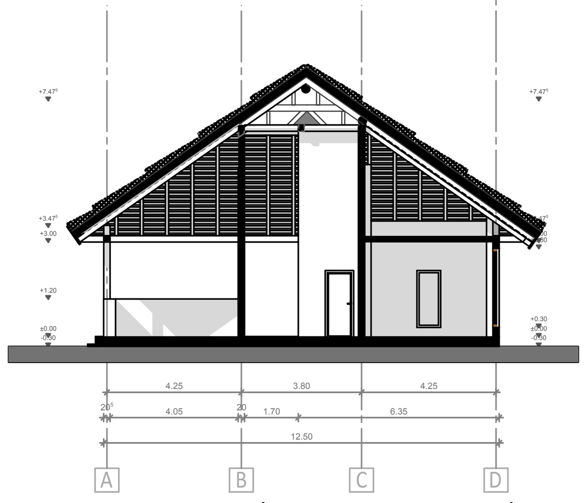
P3-COMPLEX TURISTIC HOTELIER IN CALARASI| TOURISTIC HOTEL RESORT IN CALARASI, ROMANIA

The premises for the project are the revitalization of the danubial shoreline of Calarasi, little steps at a time, in order to develop the tourism in Călărași city, using punctual, repeating interventions in key locations in the city.
The studied area is a green natural zone with a large potential for developing fishing and leisure tourism of the Danube in the city.
The project wants to use this zone as less intrusive as possible and with the upmost care for the environment. The resort is developed between the limits imposed by the existence of greenery in the area, trying to mediate the passing between the main road and the water life.
It wishes to offer an experience that is protected from the loudness and chaotic life of the city, pushing the built elements closer and closer to the water edge and the adjacent beach line. Each of the built volumes communicate to the water edge and is driven towards it, creating a dynamic dialogue with the environment.
The circulation inside of the complex is developed on overlaying layers that are parallel to the water line of the Borcea. From the water heading inside, we have the beach line, the housing circulation, the service circulation, the promenade circulation the parking spaces and the are for trailer camping.
The housing units, each containing 3 double rooms are located the closest to the water edge, trying to open each room towards the natural environment.
On the left of the complex, in a privileged point of intersection between the 2 river flows, we have the main volume of the hotel, built from east to west, and opening towards the water through numerous terraces at ground floor and the swimming pool situated at the semi-basement level of the building.
It extends its swimming pool water line towards the flowing water. The façade oriented towards Borcea is as open and enlightened as can be, inviting towards the discovery of the natural landscape. The accommodation chambers are located on the northern and southern facades, in 2 diverent types: double rooms and appartments.
On the southern part of the complex, enclosing the composition and returning the circulation towards the incide, we have the exterior summer kitchen, which can be used by the tourists that are sitting in the housing zone or the trailer camping zone.
The project wants to create a participative living style. Thus, in the service area, developed parallel to the circulation layers, every person that is accommodated in the resort can find what is needed. It contains all the traditional elements of natural living, from the vegetable garden, to glasshouses, beehives etc. This area is active in the energy usage of the resort, through photovoltaic panels located towards the south and through rain water retention tanks, used for irrigations and sewer used water.
The materials used to build the resort are local, zonally specific materials, as the wood for the enclosing, thatch for the roof cover, wooden decorations etc, being helped where is demanded by the structural problems by steel or reinforced concrete elements. All of these materials put the resort closer and closer to the natural environment, making it easier to identify it as traditional ,while keeping the same level of comfort.

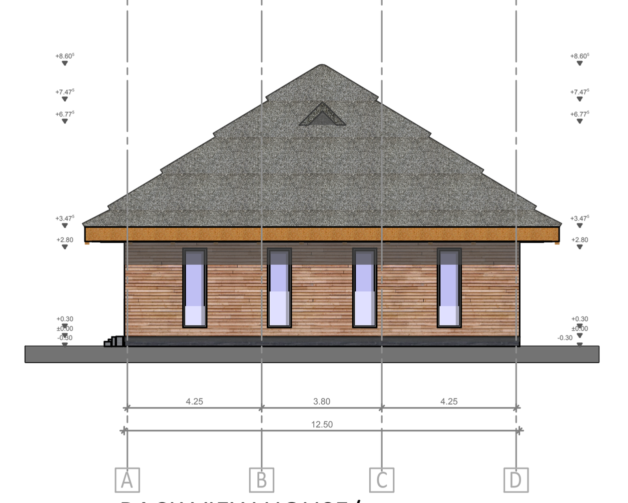


HOUSE PLAN/ PLAN CASA SC 1/200

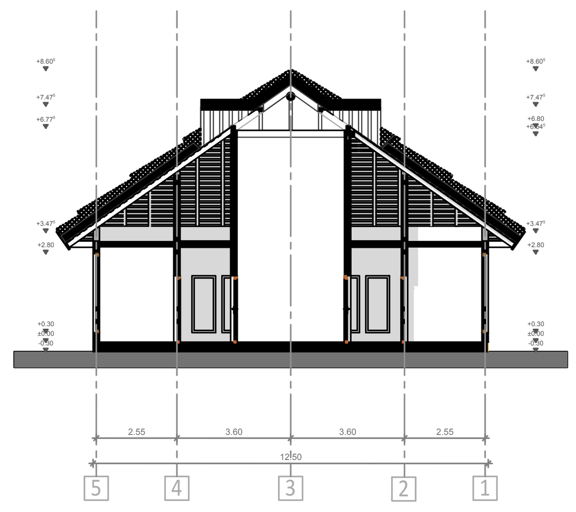


SECTION A-A/SECTIUNE A-A, SC.1/200

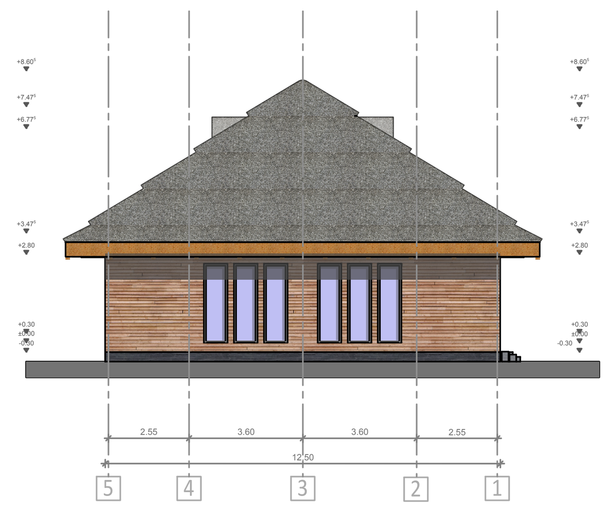
FRONT VIEW HOUSE/
VEDERE PRINCIPALA CASA SC.1/200



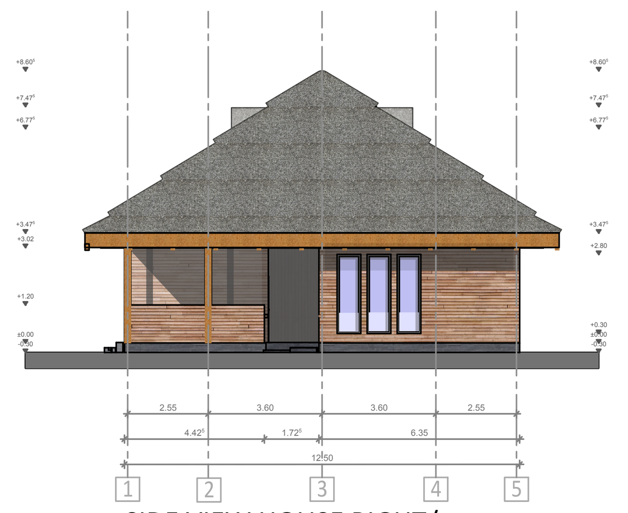
BACK VIEW HOUSE/
FATADA SPATE CASA, SC.1/200



SECTION B-B/SECTIUNE B-B, SC.1/200



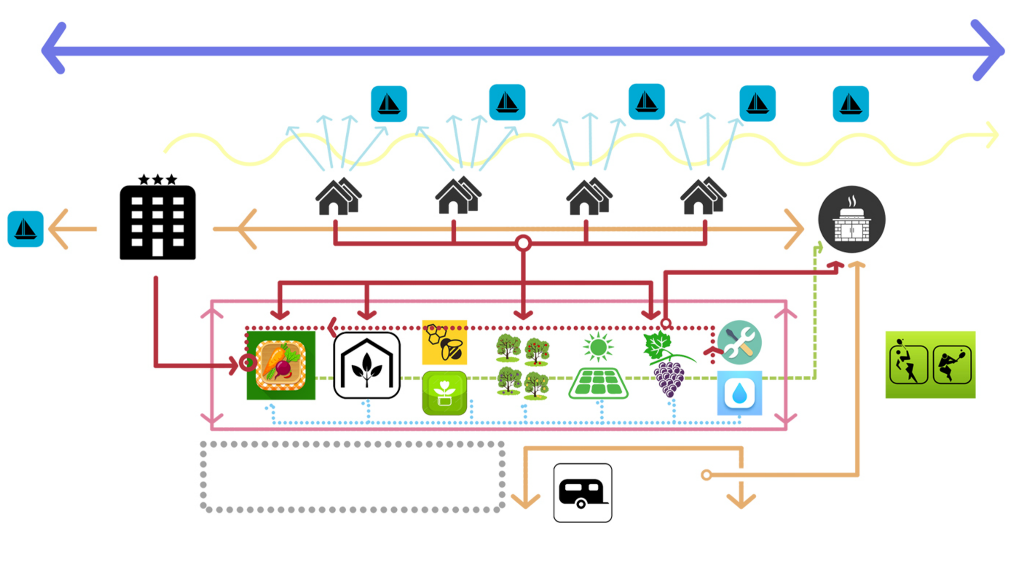
SIDE VIEW HOUSE LEFT/
VEDERE LATERALA STANGA CASA SC.1/200



SIDE VIEW HOUSE RIGHT/
VEDERE LATERALA DREAPTA CASA SC.1/2

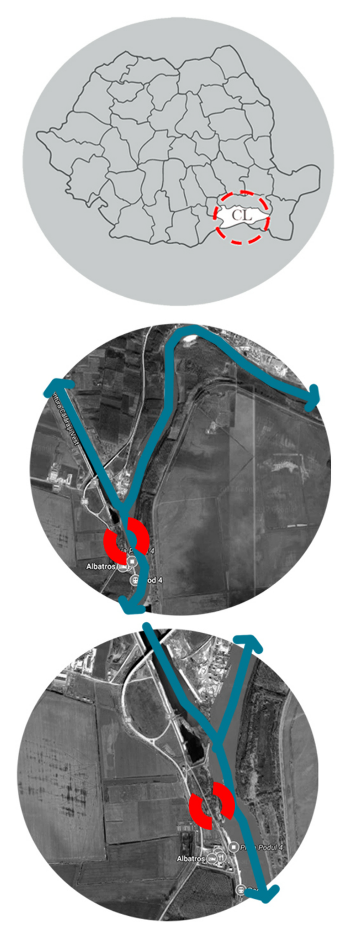
FUNCTIONING MONTHS FOR THE RESORT/
DURATA DE FUNCTIONARE A COMPLEXULUI

- Hotel acommodation/ Cazare hotel
- Restaurant/Restaurant
- Inner swimming pool/ Piscina interioara
- Exterior swimming pool/ Piscina exterioara
- Spa area/ Zona spa
- Houses acommodation/ Cazare case
- Boathouse/ Ponton
- RV camping acommodation/ Cazare rulote
- Exterior kitchen/ Bucatarie de vara

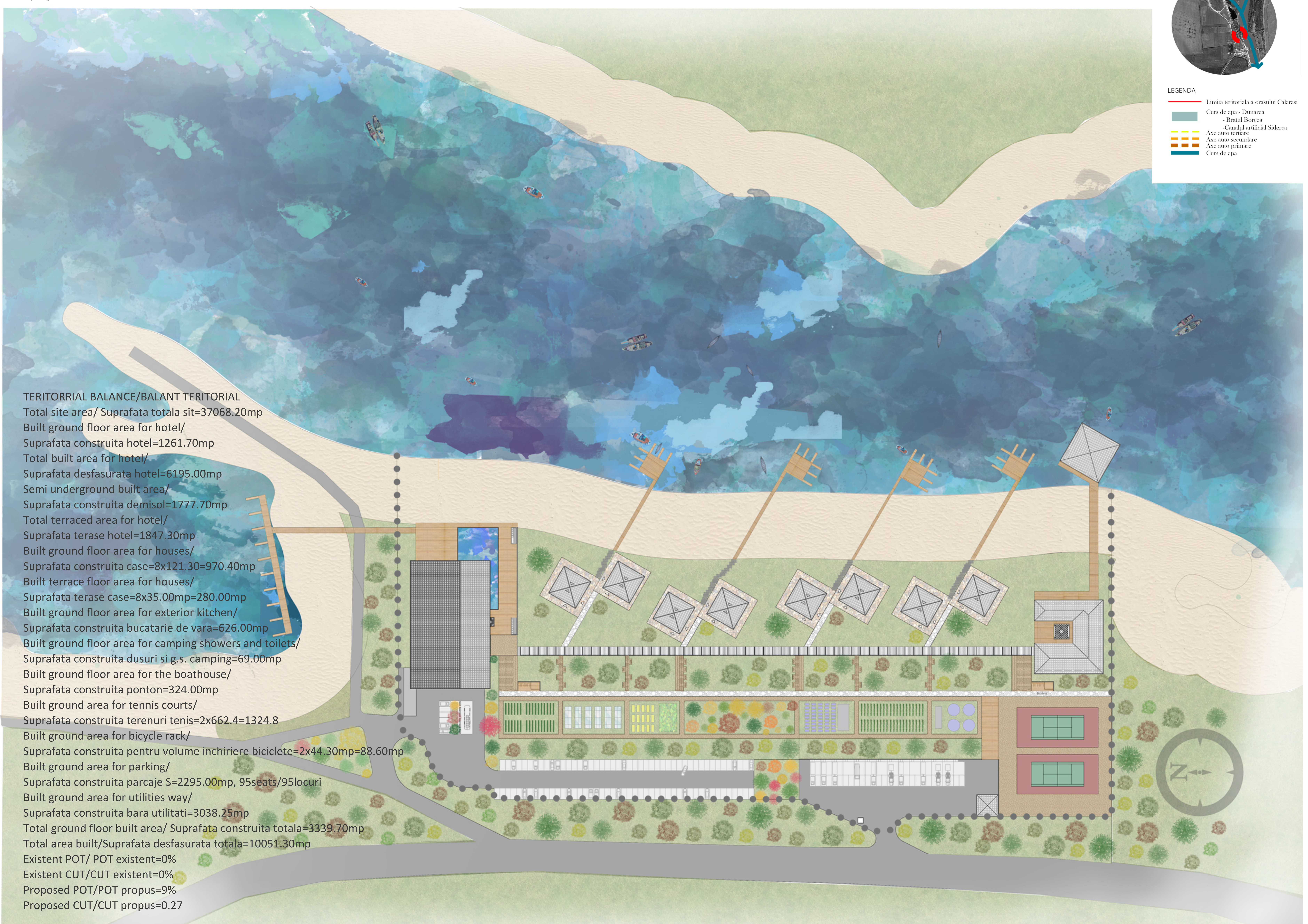


THE FUNCTIONING OF THE UTILITY BAR INSIDE THE PROPOSITION/
FUNCTIONAREA BAREI FUNCTIONALE IN INCINTA PROPUNERII

- Hotel/Hotel
- Houses/Case
- Boathouse/Ponton
- Trailer camp/ Camping rulote
- Exterior Kitchen/ Bucatarie de vara
- Tennis Court/ Terenuri tenis
- Vegetables field/ Camp zarzavaturi
- Glasshouses/ Sere
- Beehives/ Stupi de albine
- Flower field/ Camp de flori
- Fruit tree field/ Livada pomi fructiferi
- Solar panel field/ Panouri solare
- Vines field/ Vita-de-vie
- Tools storage/ Magazie unelte
- Water tanks for irrigations/ Bazine de apa pentru irigatii



LEGENDA
- Limita teritoriala a orasului Calarasi
- Curs de apa - Dunarea - Bratul Borcea - Canalul artificial Sidexa
- Axe auto tertiare
- Axe auto secundare
- Axe auto primare
- Curs de apa



TERITORRIAL BALANCE/BALANT TERITORIAL
Total site area/ Suprafata totala sit=37068.20mp
Built ground floor area for hotel/
Suprafata construita hotel=1261.70mp
Total built area for hotel/
Suprafata desfasurata hotel=6195.00mp
Semi underground built area/
Suprafata construita demisol=1777.70mp
Total terraced area for hotel/
Suprafata terase hotel=1847.30mp
Built ground floor area for houses/
Suprafata construita case=8x121.30=970.40mp
Built terrace floor area for houses/
Suprafata terase case=8x35.00mp=280.00mp
Built ground floor area for exterior kitchen/
Suprafata construita bucatarie de vara=626.00mp
Built ground floor area for camping showers and toilets/
Suprafata construita dusuri si g.s. camping=69.00mp
Built ground floor area for the boathouse/
Suprafata construita ponton=324.00mp
Built ground area for tennis courts/
Suprafata construita terenuri tenis=2x662.4=1324.8
Built ground area for bicycle rack/
Suprafata construita pentru volume inchiriere biciclete=2x44.30mp=88.60mp
Built ground area for parking/
Suprafata construita parcaje S=2295.00mp, 95seats/95locuri
Built ground area for utilities way/
Suprafata construita bara utilitati=3038.25mp
Total ground floor built area/ Suprafata construita totala=3339.70mp
Total area built/Suprafata desfasurata totala=10051.30mp
Existent POT/ POT existent=0%
Existent CUT/CUT existent=0%
Proposed POT/POT propus=9%
Proposed CUT/CUT propus=0.27

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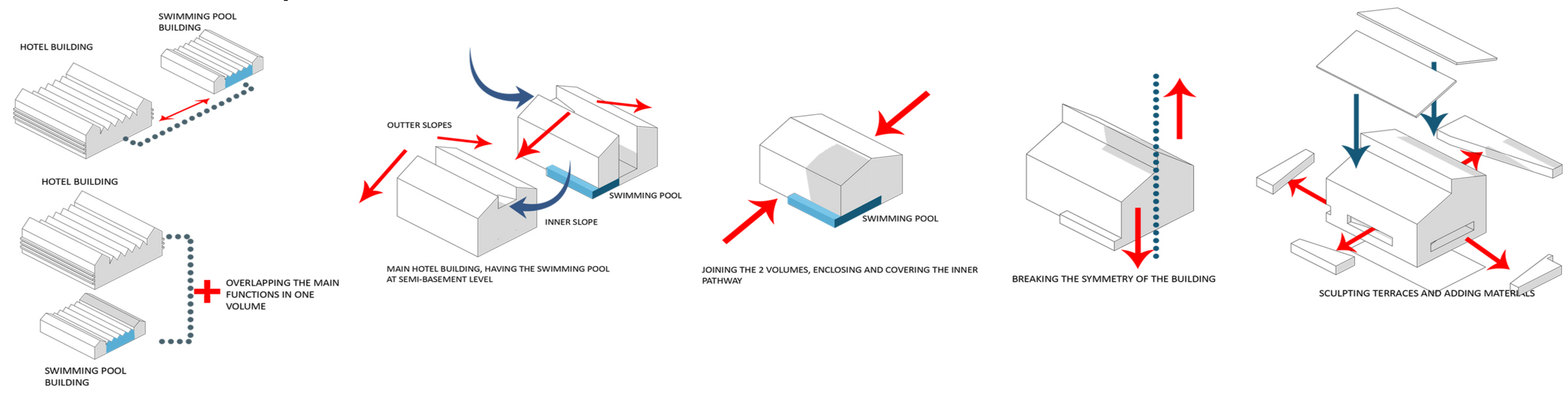
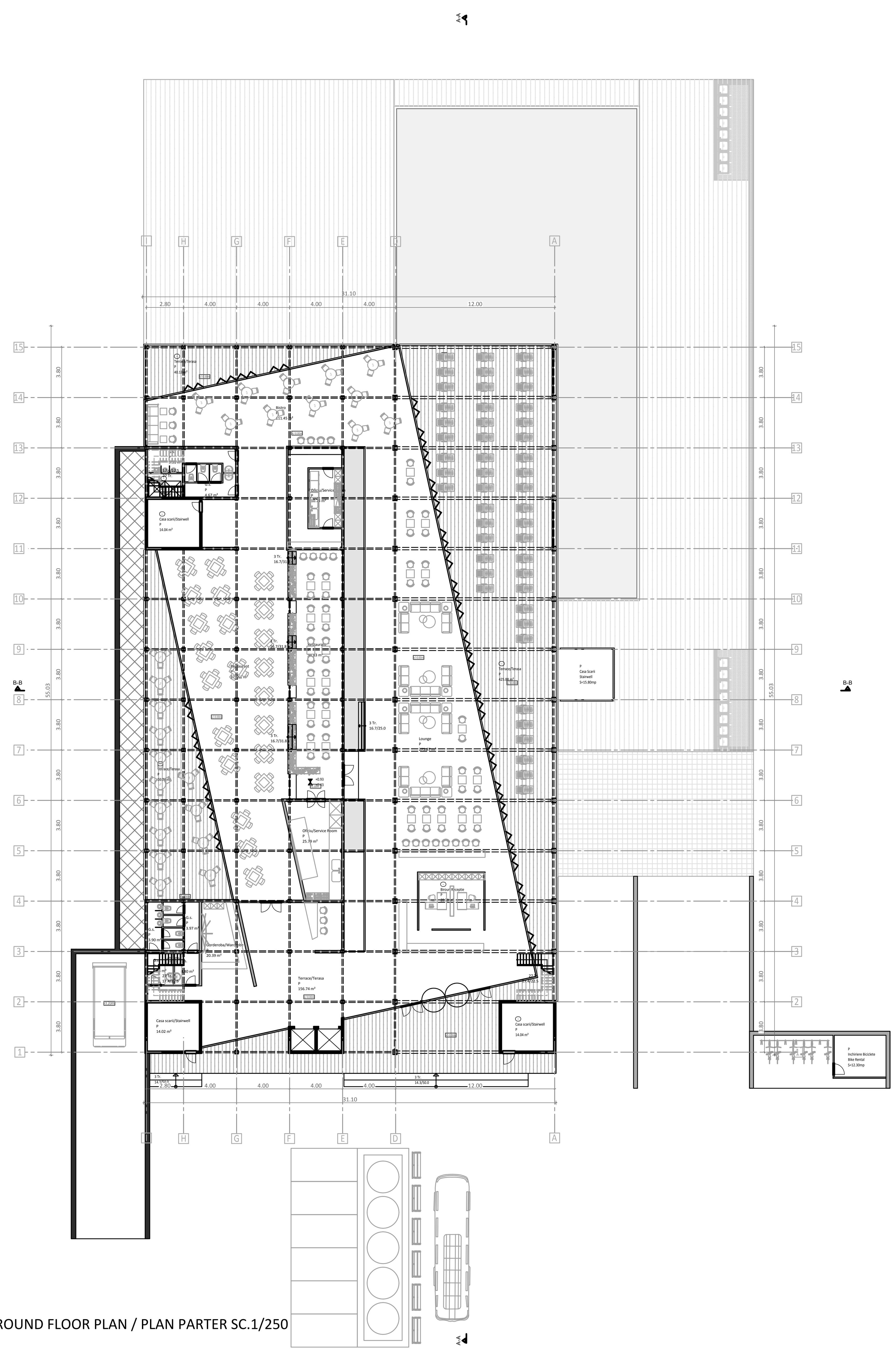
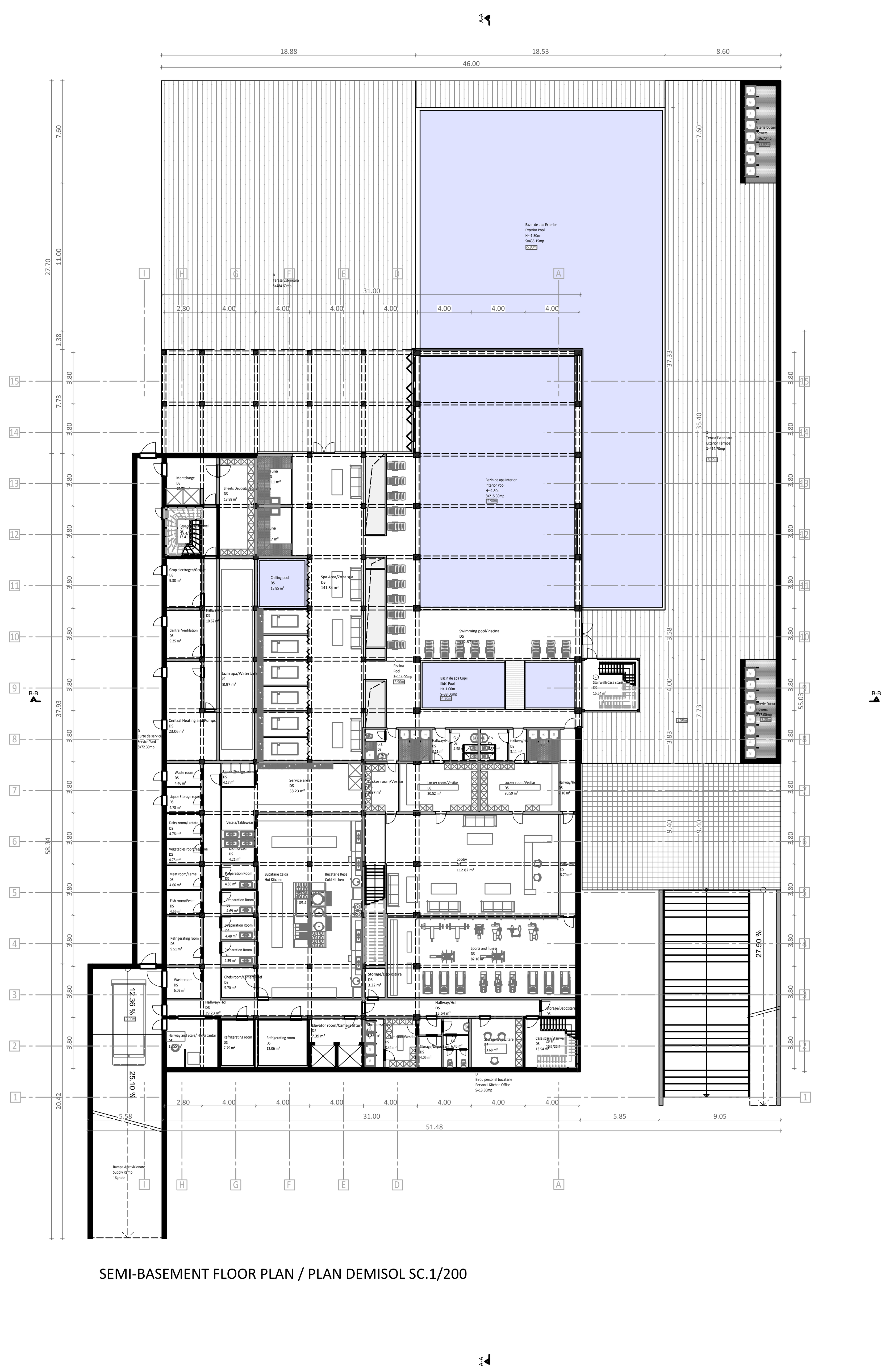
ARCH002

P3-COMPLEX TURISTIC HOTELIER IN CALARASI| TOURISTIC HOTEL RESORT IN CALARASI, ROMANIA



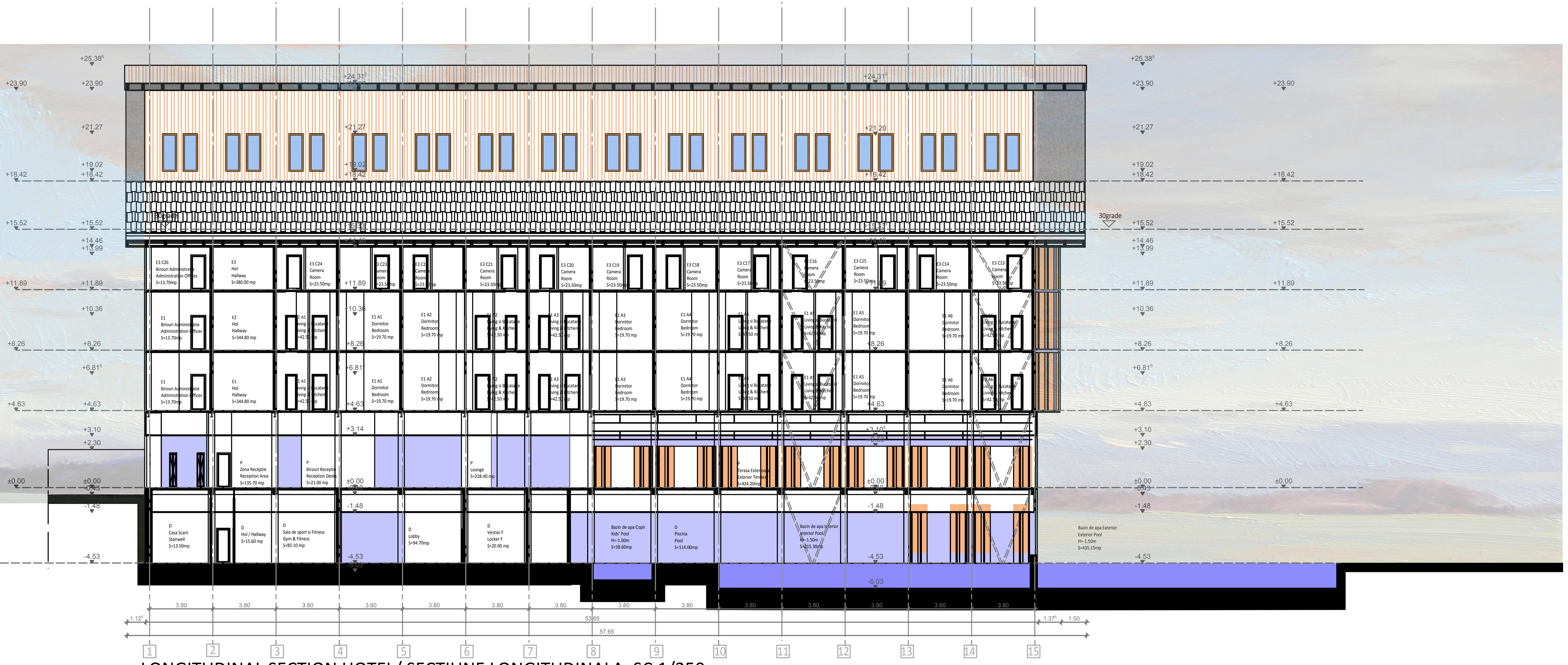


GROUND FLOOR PLAN / PLAN PARTER SC.1/250

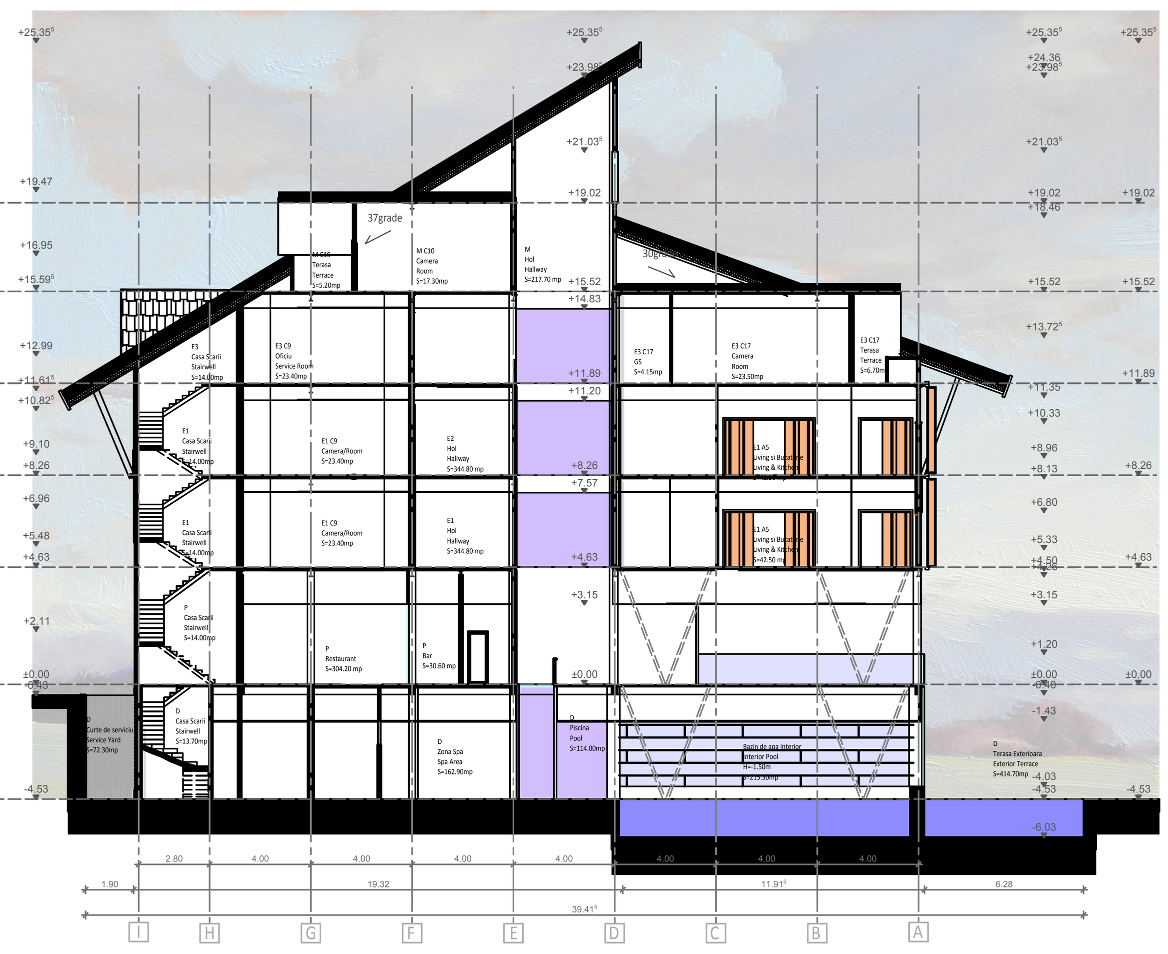


SEMI-BASEMENT FLOOR PLAN / PLAN DEMISOL SC.1/200

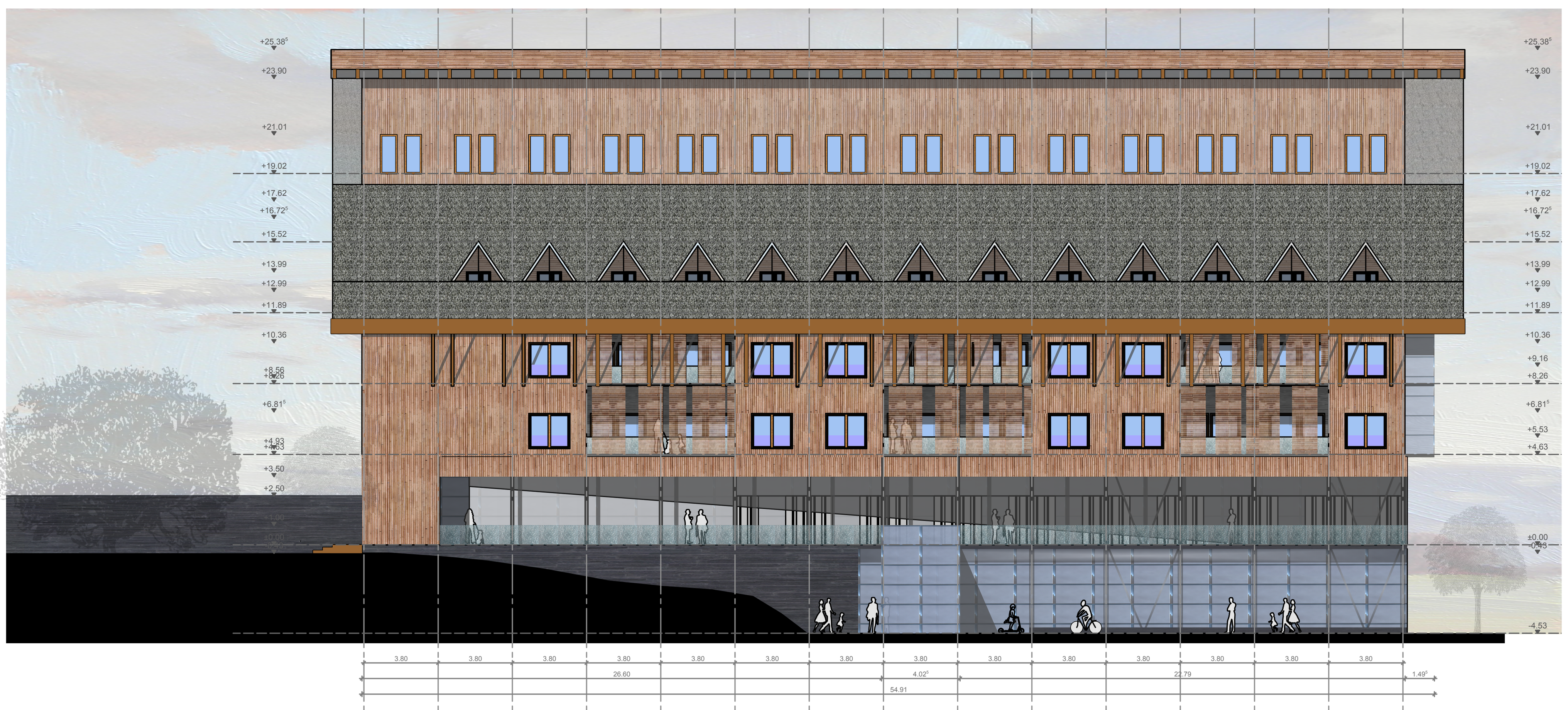
P3-COMPLEX TURISTIC HOTELIER IN CALARASI| TOURISTIC HOTEL RESORT IN CALARASI, ROMANIA



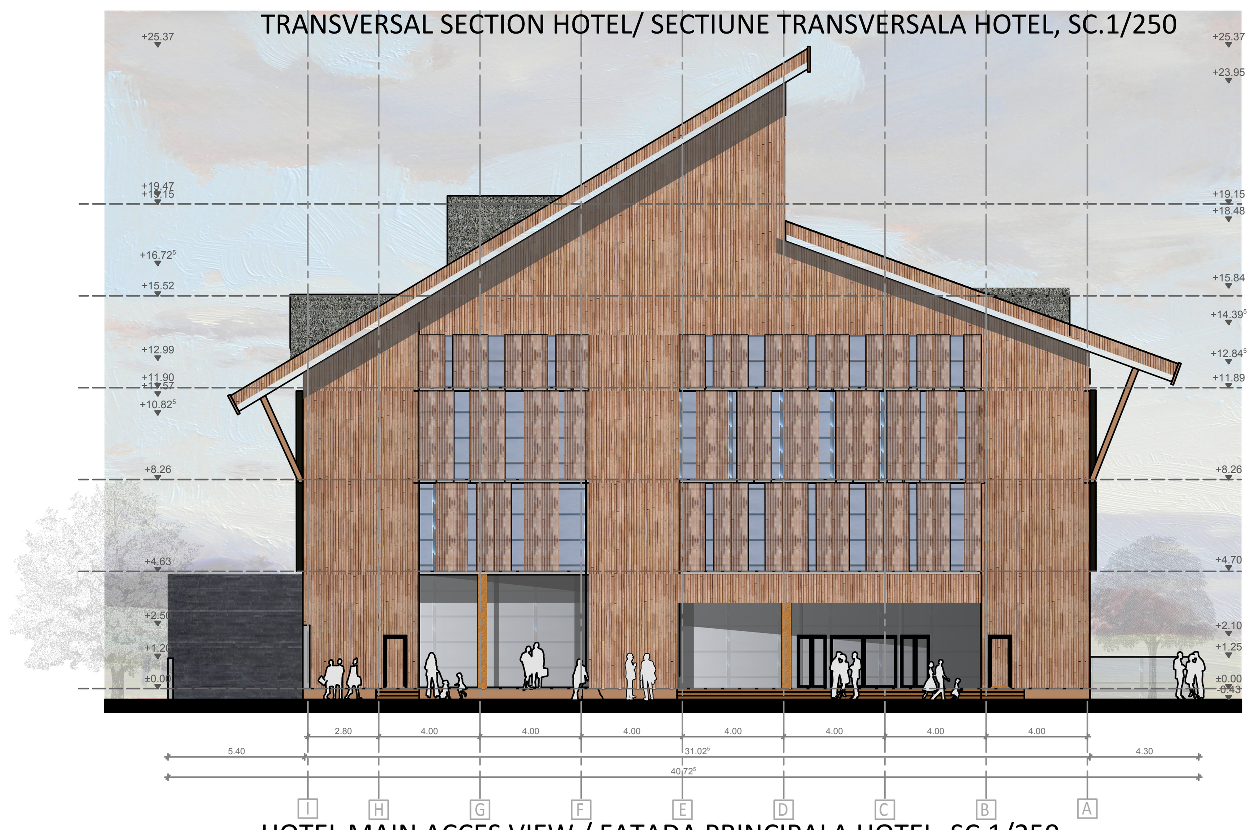
LONGITUDINAL SECTION HOTEL/ SECTIUNE LONGITUDINALA, SC.1/250



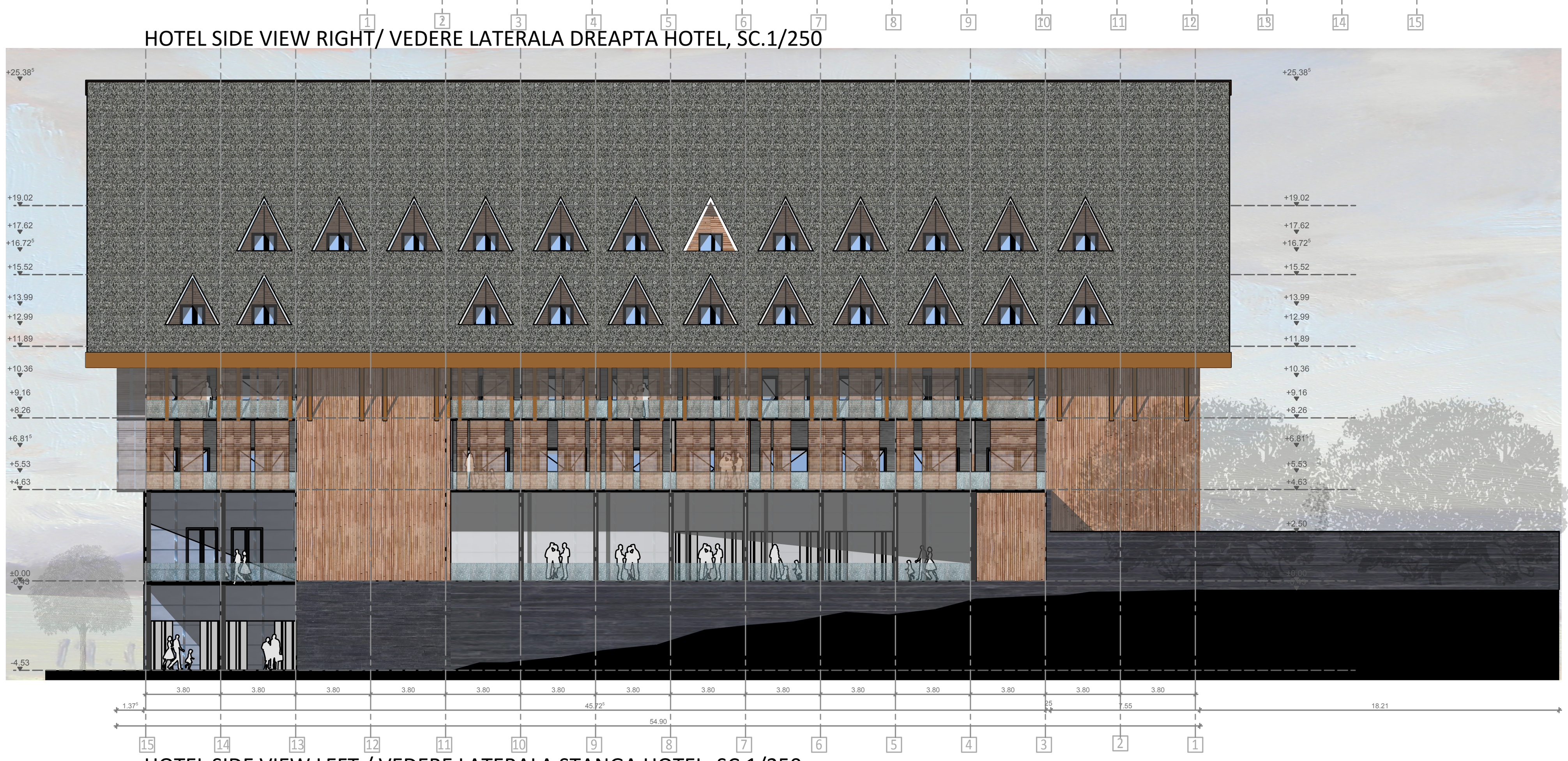
TRANSVERSAL SECTION HOTEL/ SECTIUNE TRANSVERSALA HOTEL, SC.1/250



HOTEL SIDE VIEW RIGHT/ VEDERE LATERALA DREAPTA HOTEL, SC.1/250

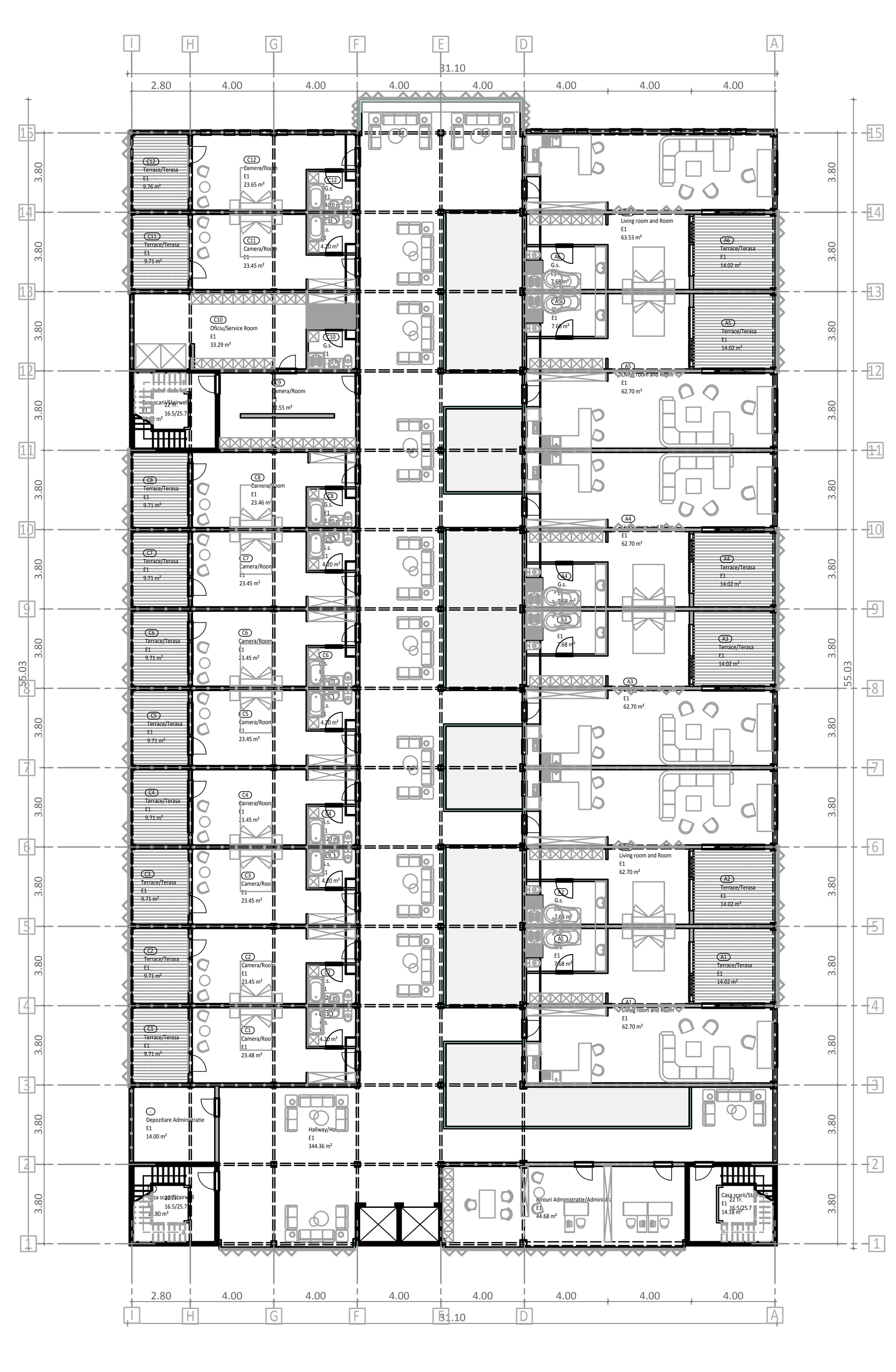


HOTEL MAIN ACCES VIEW / FATADA PRINCIPALA HOTEL, SC.1/250

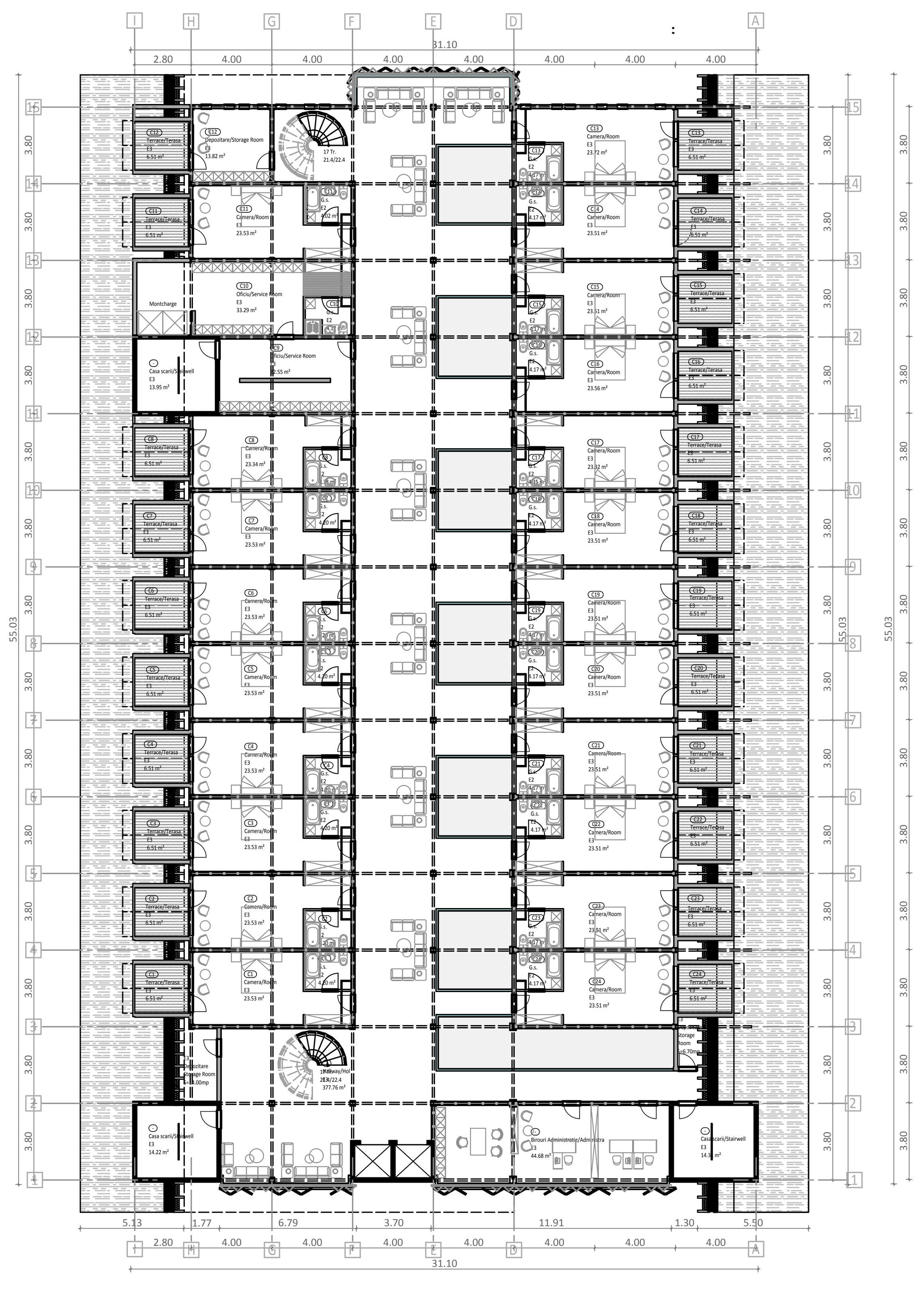


HOTEL SIDE VIEW LEFT / VEDERE LATERALA STANGA HOTEL, SC.1/250

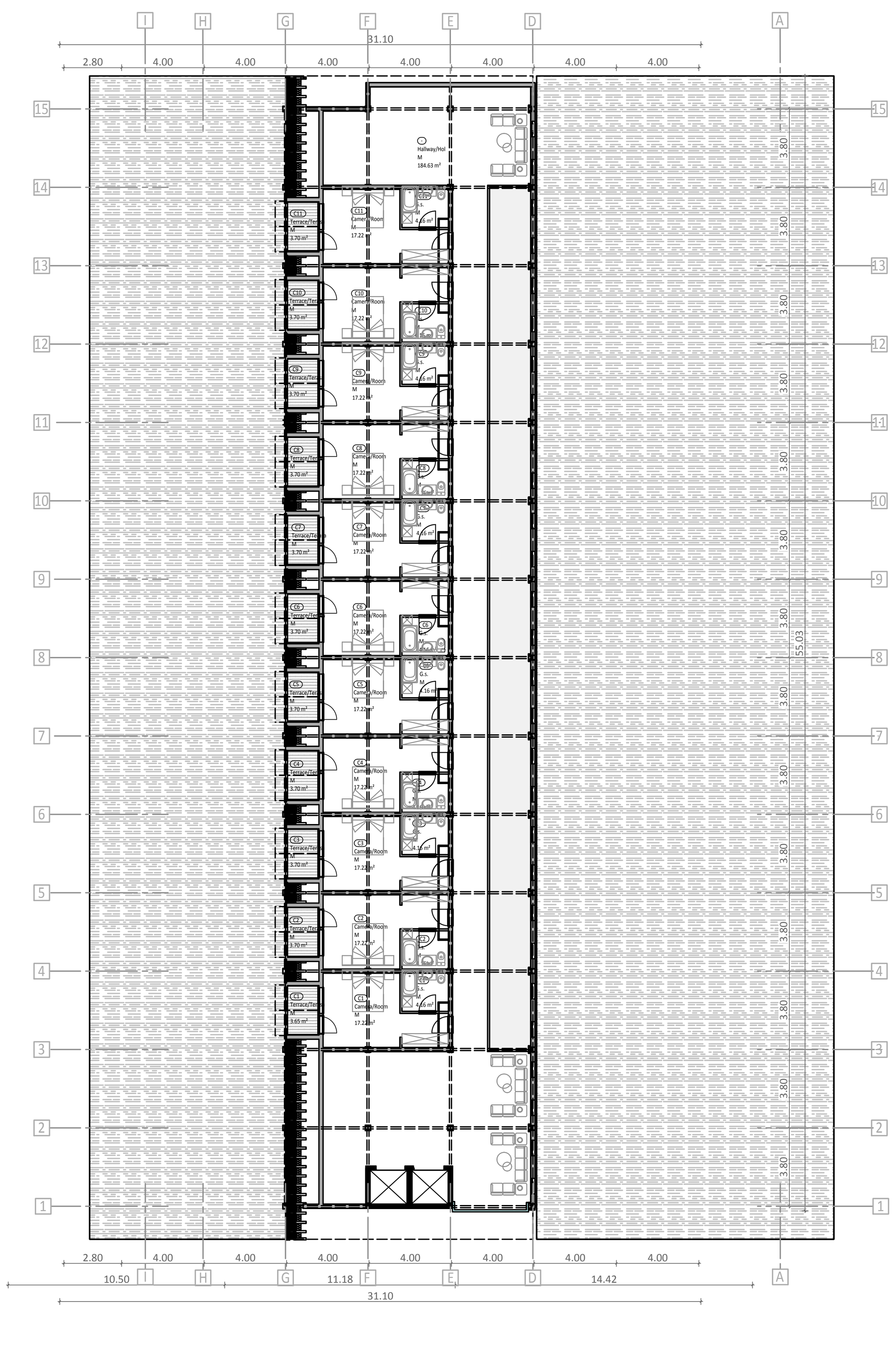
HOTEL BACK VIEW / FATADA SPATE HOTEL, SC.1/250



FIRST AND SECOND FLOOR PLAN /
PLAN ETAJ 1 SI ETAJ 2, SC.1/250

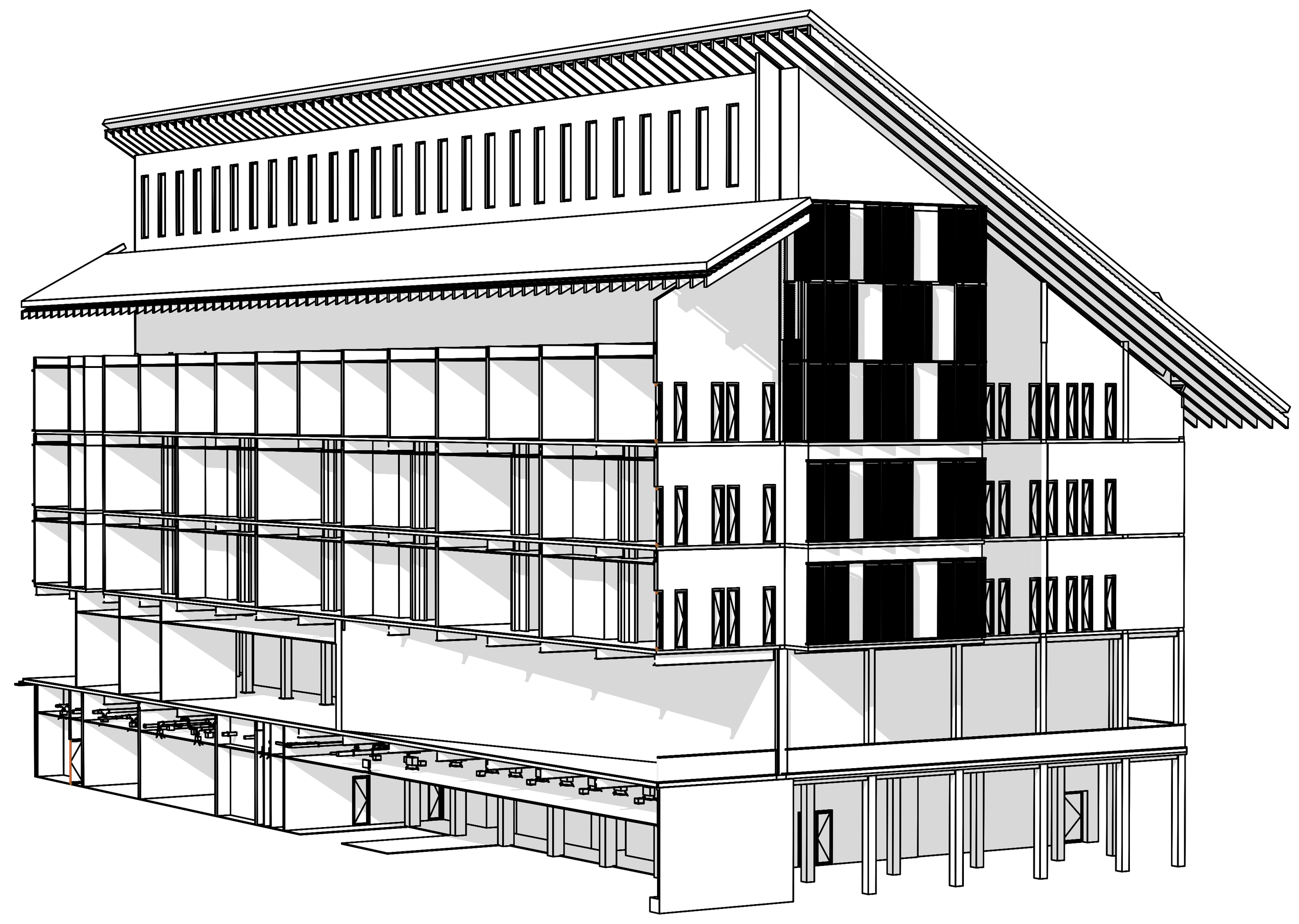


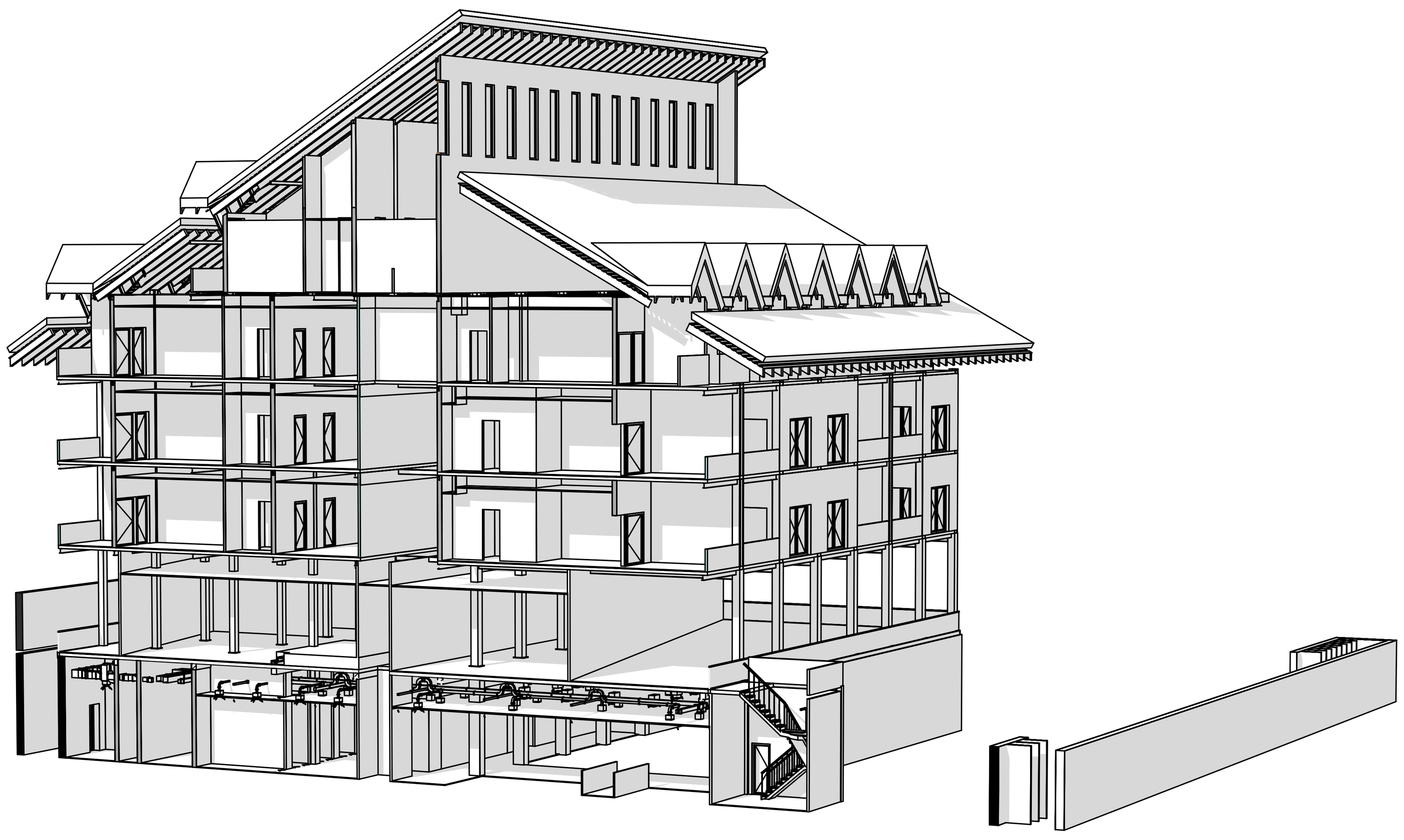
THIRD FLOOR PLAN / PLAN ETAJ 3 SC.1/250

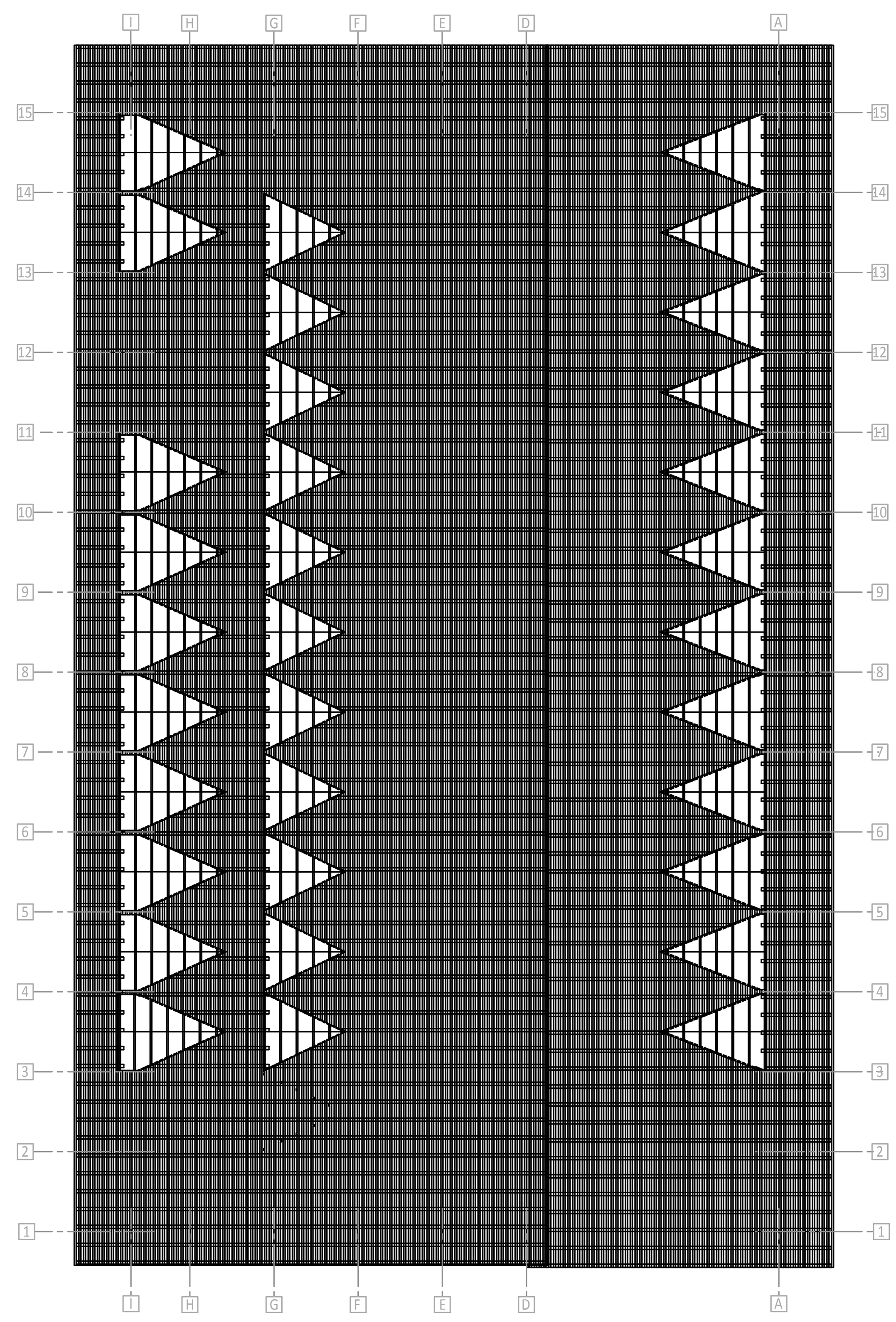


ATTIC FLOOR PLAN / PLAN MANSARDA, SC.1/250

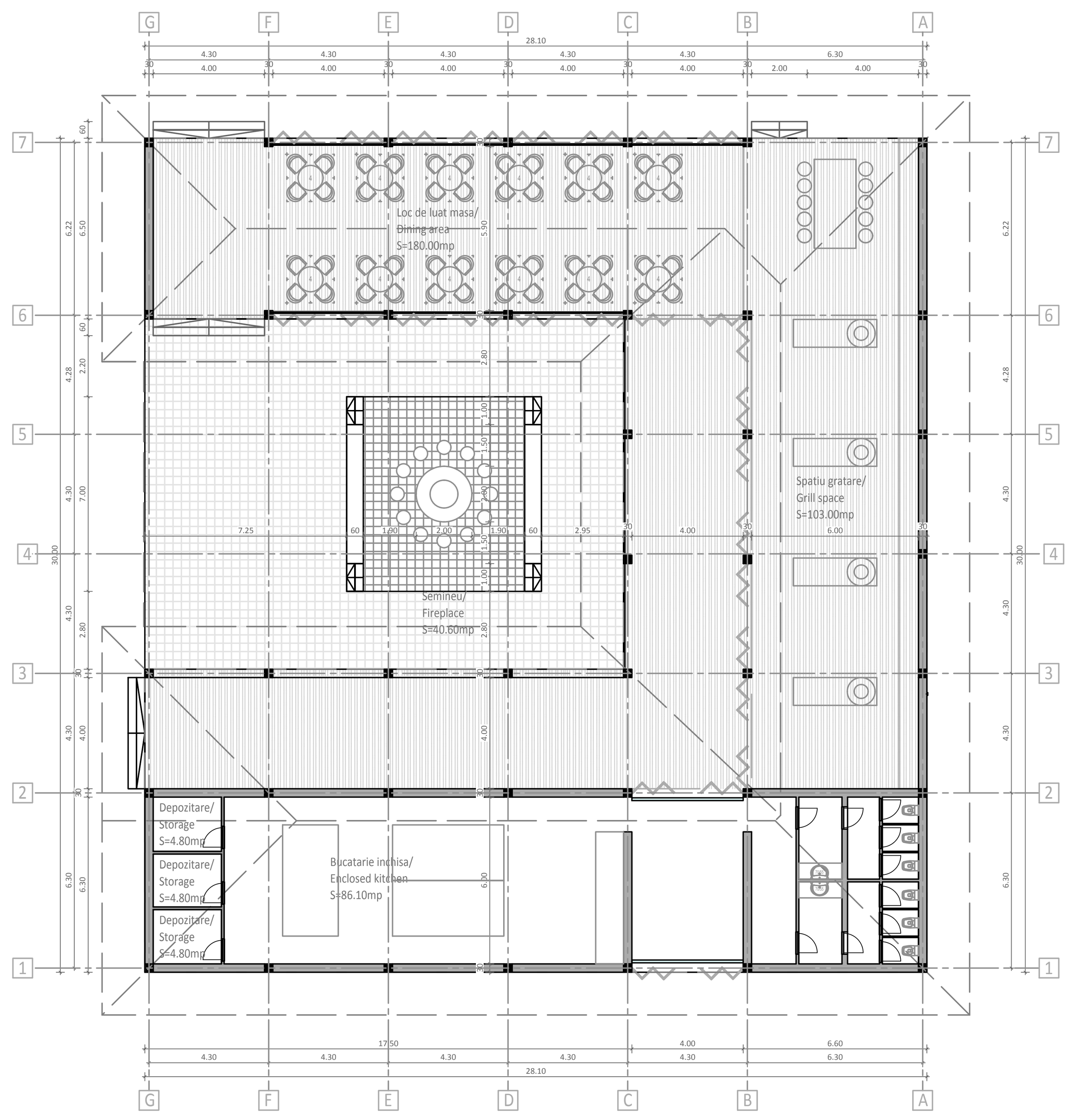
P3-COMPLEX TURISTIC HOTELIER IN CALARASI| TOURISTIC HOTEL RESORT IN CALARASI, ROMANIA



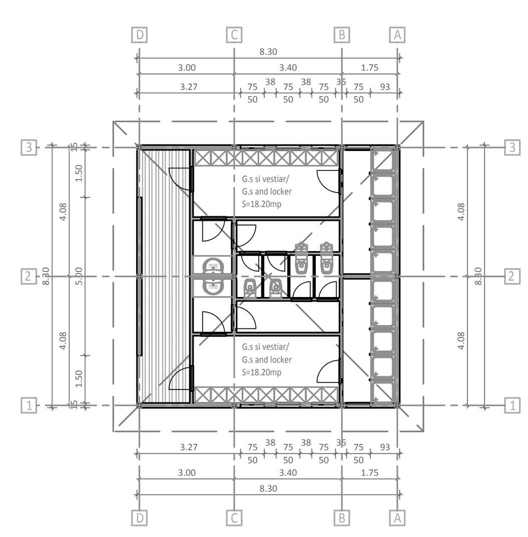




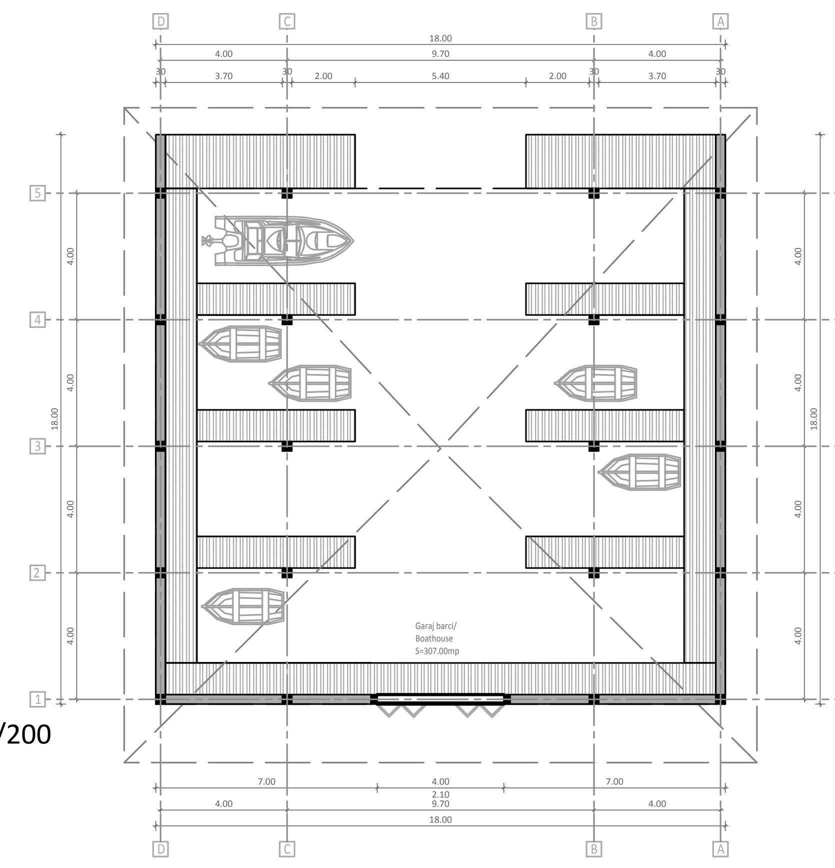
ROOF PLAN / PLAN ACOPERIS, SC.1/250



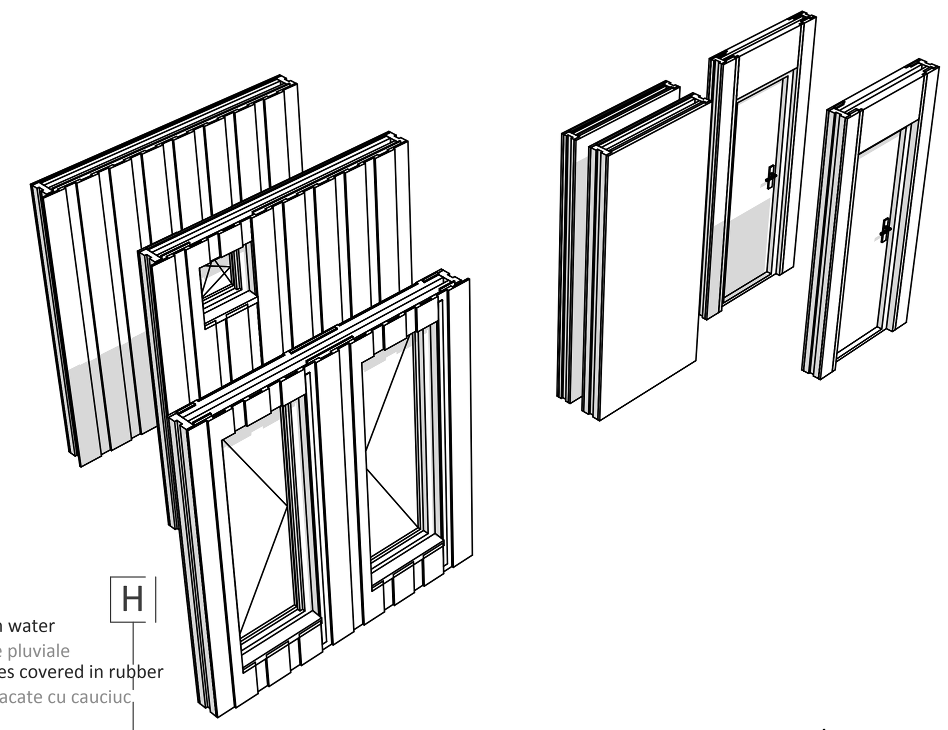
EXTERIOR KITCHEN PLAN / PLAN BUCATARIE DE VARA, SC.1/200



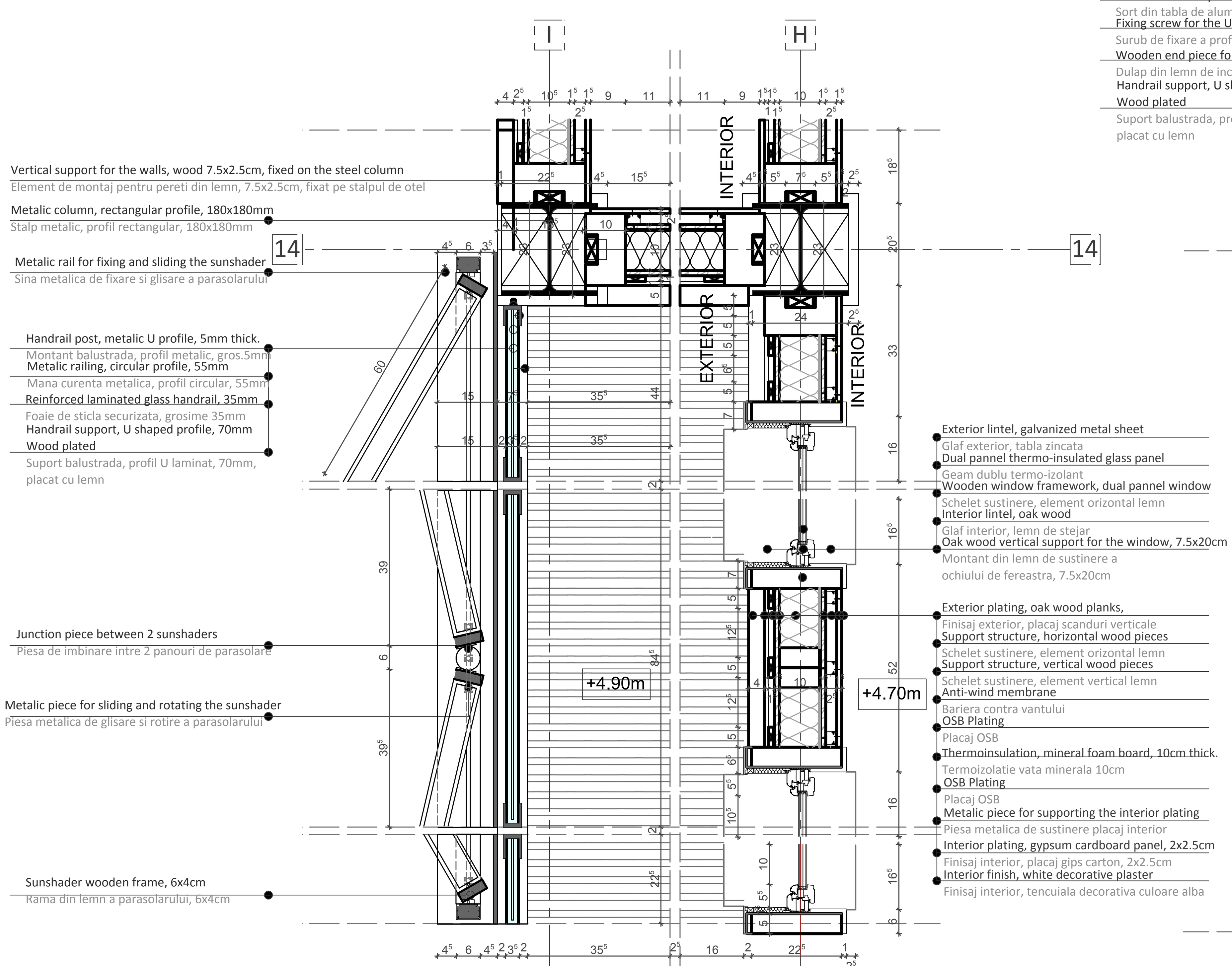
CAMPING SITE SHOWER AREA PLAN/
PLAN ZONA DE DUSURI CAMPING, SC.1/200



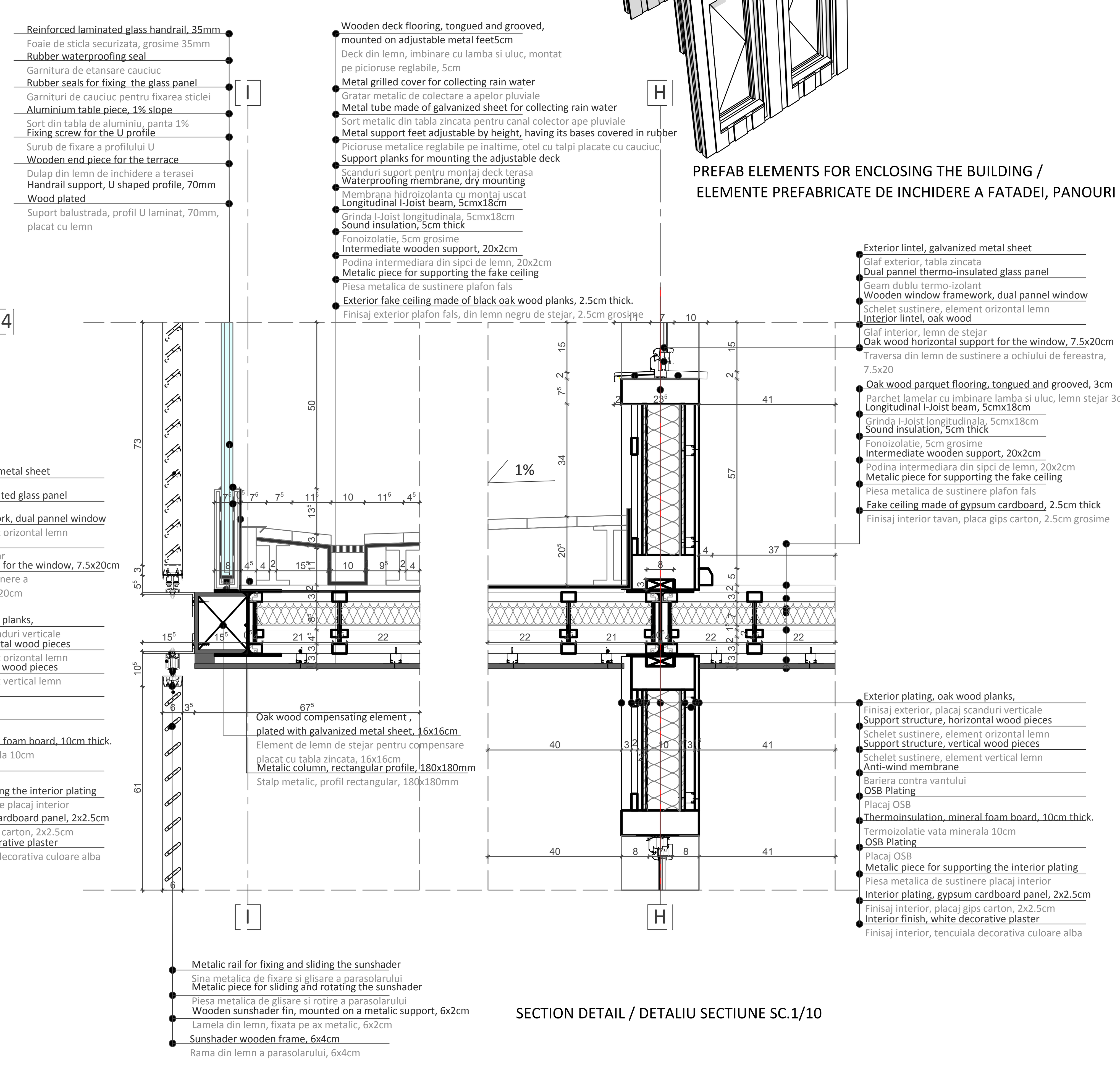
BOATHOUSE PLAN / PLAN GARAJ BARCI, SC. 1/200



PREFAB ELEMENTS FOR ENCLOSING THE BUILDING /
ELEMENTE PREFABRICATE DE INCHIDERE A FATADEI, PANOURI TIP



PLAN DETAIL / DETALIU PLAN SC. 1/10



SECTION DETAIL / DETALIU SECTIUNE SC.1/10

Technical report

This project was designed to provide the occupants with comfort in the fresh air supply as well as the evacuation of the vicious one.

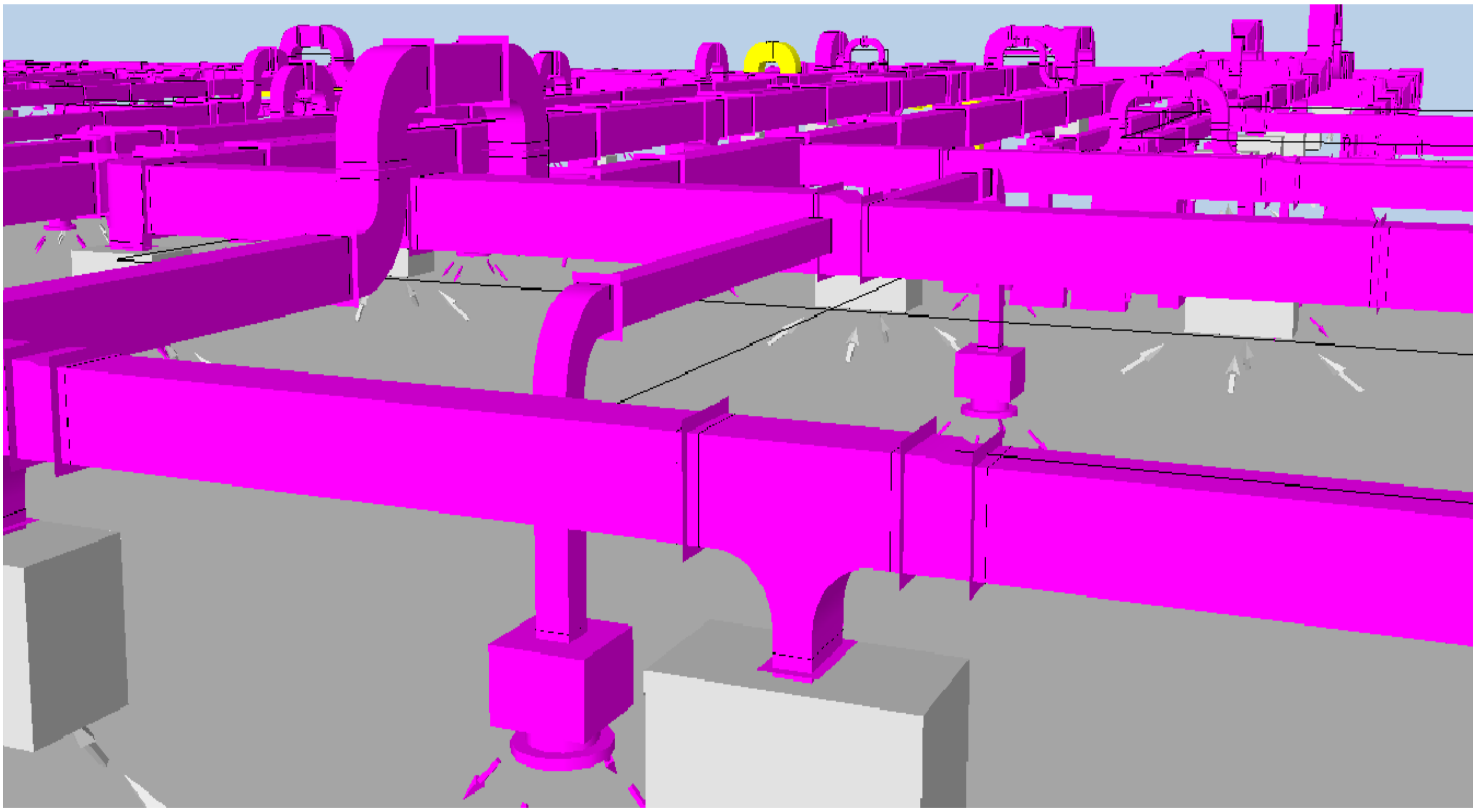
Due to the large surface, arranged in a single plane, it was necessary to divide the system into 6 circuits (3 for fresh air supply, and 3 for the evacuation of the vicious air)

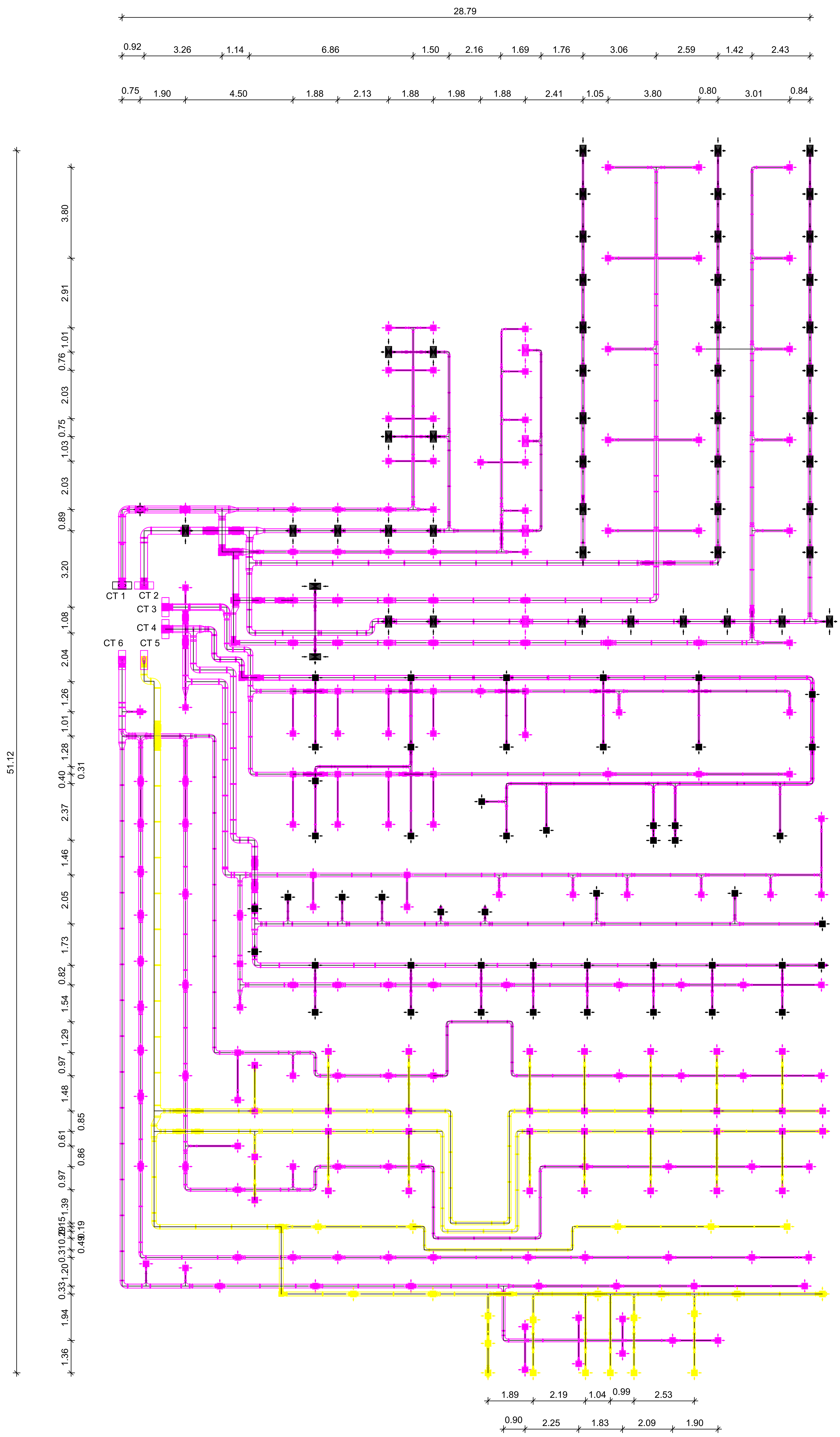
The architectural plan was divided into 3 zones:

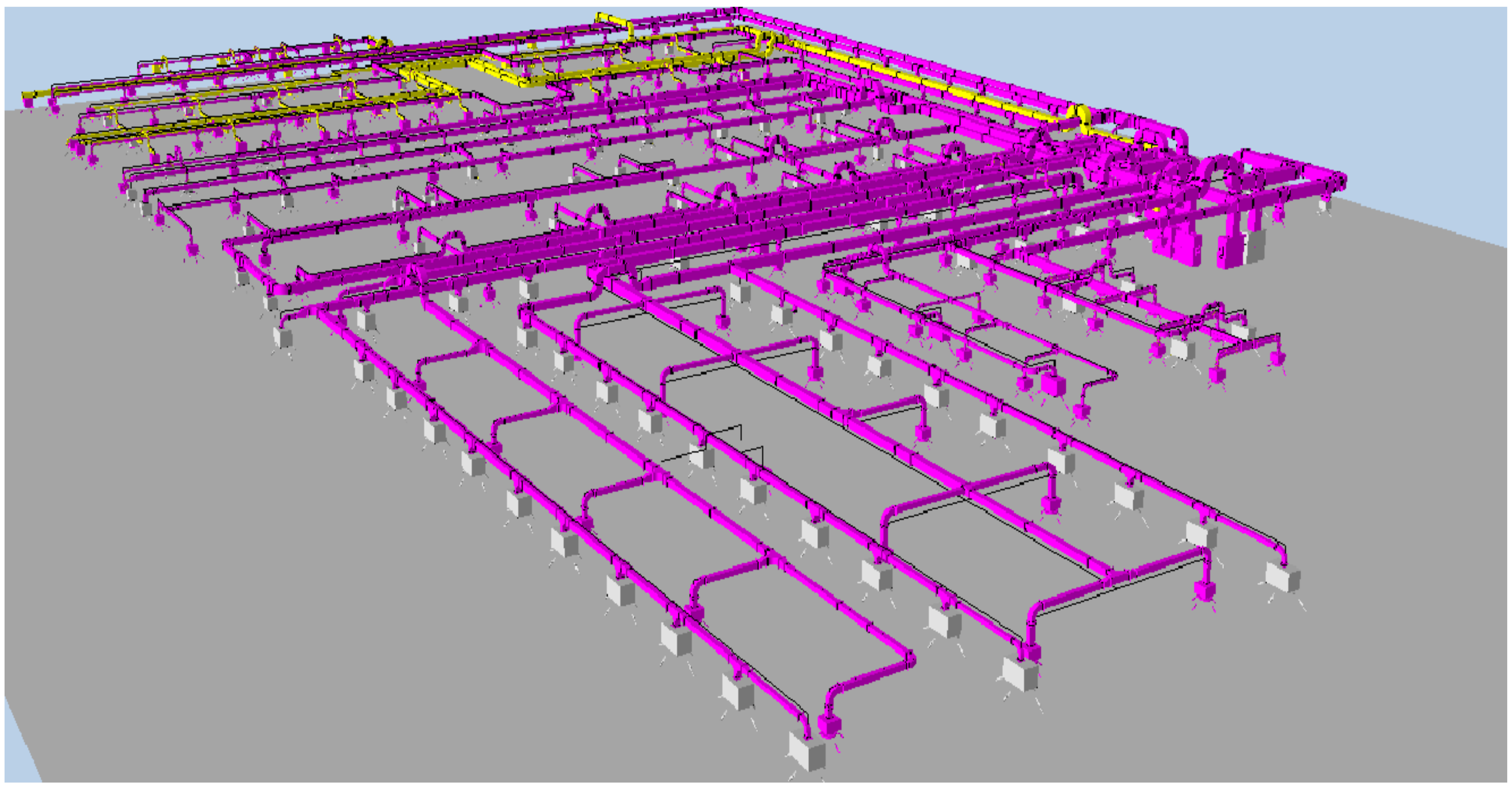
- the upper part (with pool, sauna, sundeck area and massage rooms, shower area)
- the middle part (with children's pool, massage rooms, dressing area, service area)
- bottom area (Waste room, Liquor Storage room, Dairy room, Vegetables room, Meat room, Fish room, Refrigerating room, Chefs room, Sports and fitness, and more)

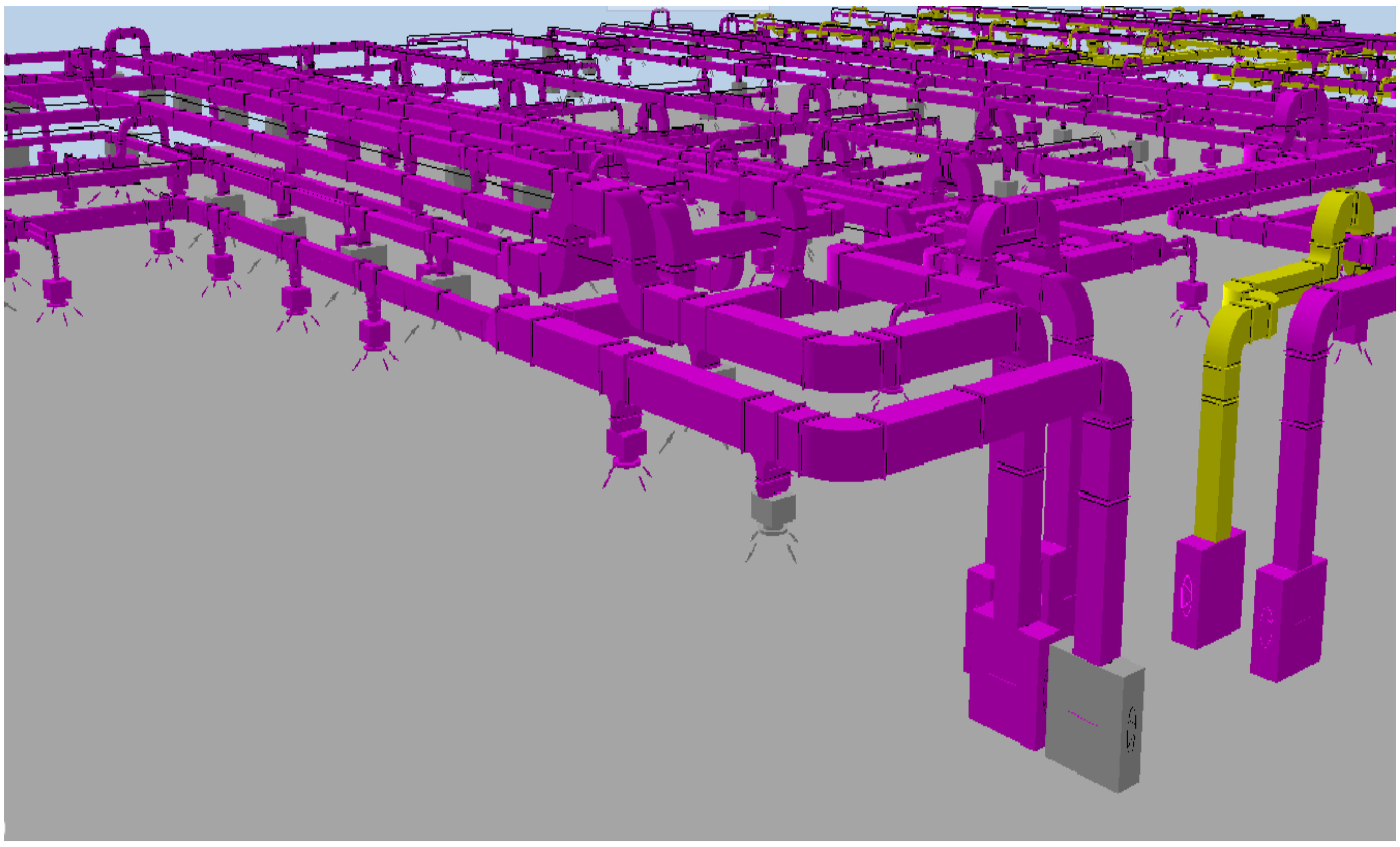
CT 1, CT 3, CT 6 are central to the introduction of fresh air
CT 2, CT 4, CT 5 are central to evacuating vicious air

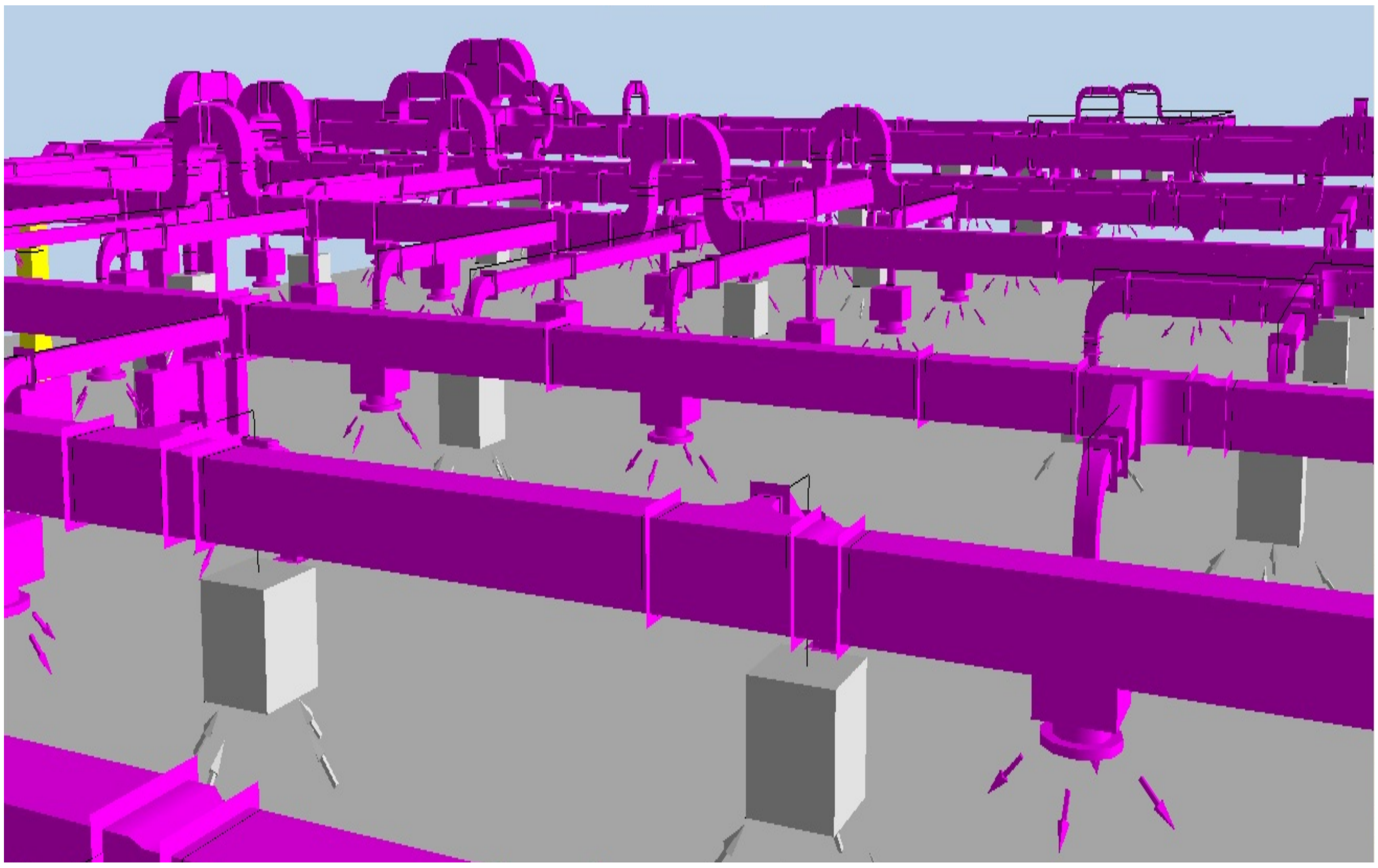
The discharge devices are of the type : DLR 0.244x0.220x0.244
Suction devices are of the type : DQ-4-AK 0.473x0.300x0.264




28.79
0.92
3.26
1.14
6.86
1.50
2.16
1.69
1.76
3.06
2.59
1.42
2.43
0.75
1.90
4.50
1.88
2.13
1.88
1.98
1.88
2.41
1.05
3.80
0.80
3.01
0.84
51.12
CT 1
CT 2
CT 3
CT 4
CT 5
CT 6
1.89
2.19
1.04
0.99
2.53
0.90
2.25
1.83
2.09
1.90







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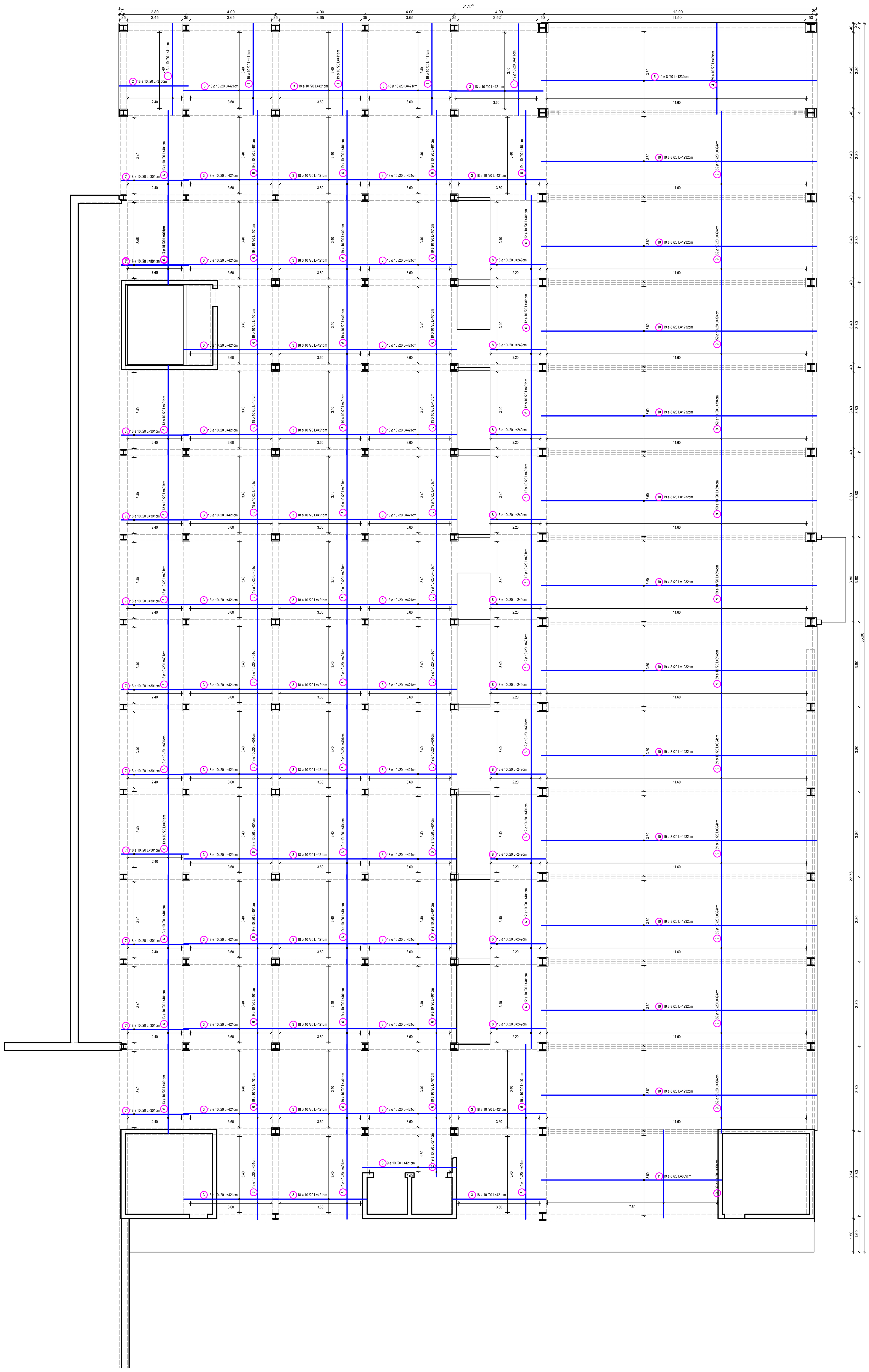
STR001

P3-COMPLEX TURISTIC HOTELIER IN CALARASI| TOURISTIC HOTEL RESORT IN CALARASI, ROMANIA

Plan armare placa peste demisol
Scara 1:50



Lista cu forme fasonate

Poz.	Buc.	ø [mm]	Lungime unitara [m]	Calitate otel	Bare cotate (fara scara)	Lungime totala [m]	Greutate [kg]
1	89	10	4.11	PC52	411	365.79	225.69
2	18	10	3.10	PC52	310	55.80	34.43
3	819	10	4.21	PC52	421	3447.99	2127.41
4	59	10	4.09	PC52	409	241.31	148.89
5	19	8	12.32	PC52	1232	234.08	92.46
6	1055	10	4.01	PC52	401	4230.55	2610.25
7	216	10	3.01	PC52	301	650.16	401.15
8	180	10	2.49	PC52	249	448.20	276.54
9	747	10	3.94	PC52	394	2943.18	1815.94
10	228	8	12.32	PC52	1232	2808.96	1109.54
11	19	8	8.09	PC52	809.	153.71	60.72
12	19	10	2.11	PC52	211	40.09	24.74

Greutate totala OB37 (kg): 0.00 kg
Greutate totala PC52 (kg): 8927.76 kg
Greutate totala PC60 (kg): 0.00 kg
Greutate totala BST500S (kg): 0.00 kg
Greutate totala (kg): 8927.76 kg

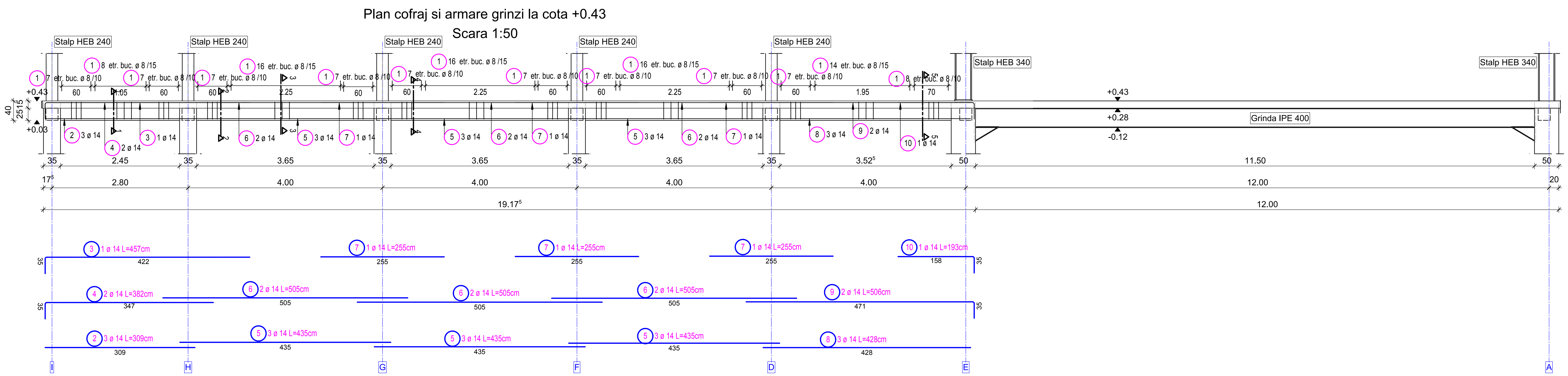
NOTA:
Stratul de acoperire de boton este 2 cm.

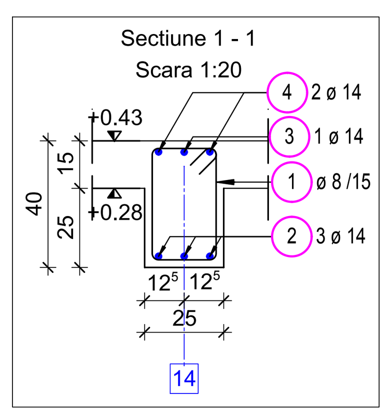
NOTA MATERIALE:
Beton C20/25
Otel PC52

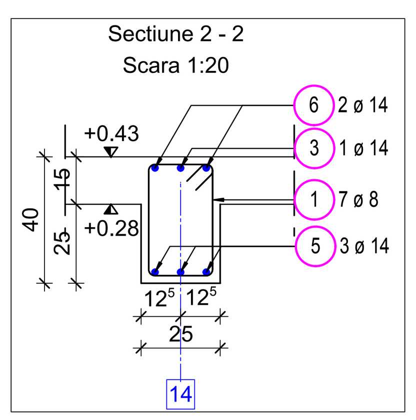
NOTA:
Plansa se citeste inpreuna cu:
-Plan armare superiara
-Plan armare scara
-Plan aramre diafragma
-Plan armare stalp
-Plan cofraj peste demisol

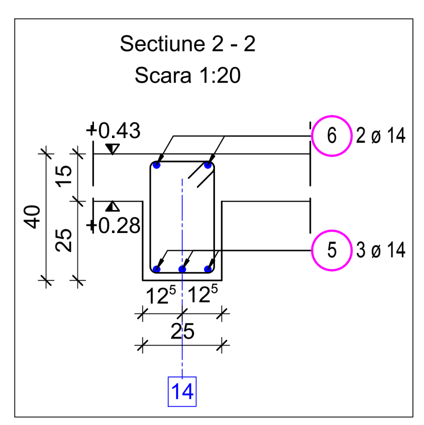
P3-COMPLEX TURISTIC HOTELIER IN CALARASI| TOURISTIC HOTEL RESORT IN CALARASI, ROMANIA

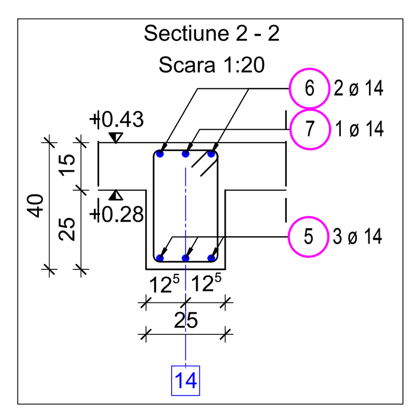
Plan cofraj si armare grinzi la cota +0.43
Scara 1:50

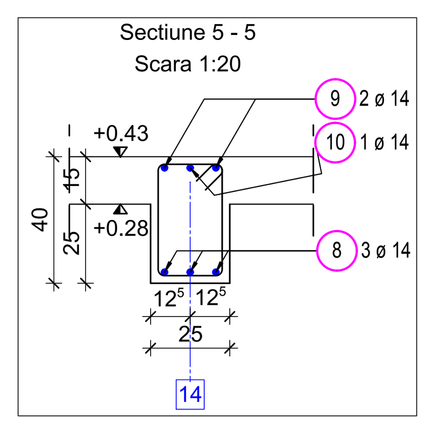












Lista forme fasonate BST500S

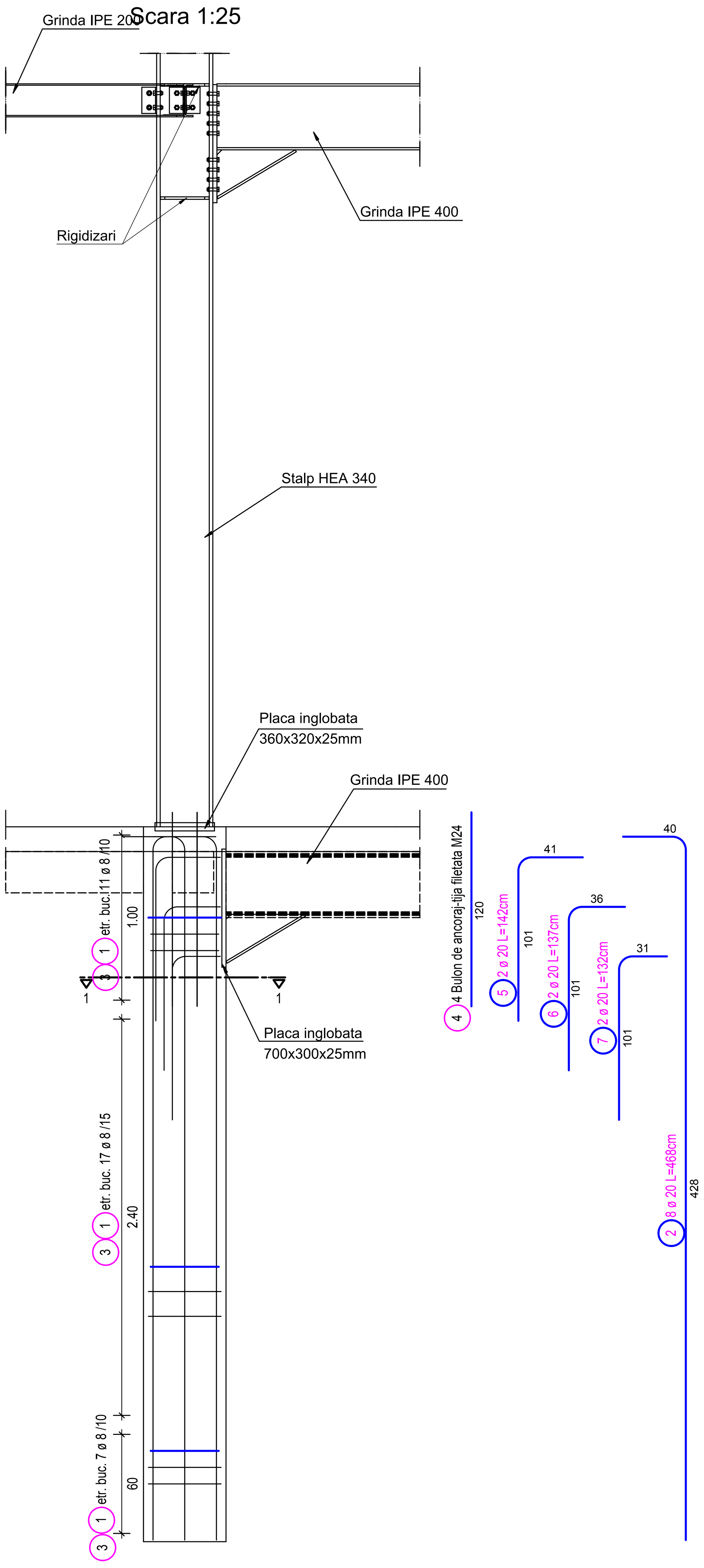
Poz.	Buc.	ø [mm]	Lungime unitara [m]	Calitate otel	Bare cotate (fara scara)	Lungime totala [m]	Greutate [kg]
1	141	8	1.34	BST500S		188.94	74.63
2	3	14	3.09	BST500S	309	9.27	11.20
3	1	14	4.57	BST500S	422 / 35	4.57	5.52
4	2	14	3.82	BST500S	347 / 35	7.64	9.23
5	9	14	4.35	BST500S	435	39.15	47.29
6	6	14	5.05	BST500S	505	30.30	36.60
7	3	14	2.55	BST500S	255	7.65	9.24
8	3	14	4.28	BST500S	428	12.84	15.51
9	2	14	5.06	BST500S	35 / 471	10.12	12.22
10	1	14	1.93	BST500S	35 / 158	1.93	2.33
Greutate totala BST500S (kg):						223.77	kg

NOTE:
Stratul de acoperire pentru armatura transversala este 2 cm.

NOTE MATERIALE:
Beton C25/30
Otel BST500S

P3-COMPLEX TURISTIC HOTELIER IN CALARASI| TOURISTIC HOTEL RESORT IN CALARASI, ROMANIA

Plan armare stalp
Scara 1:25

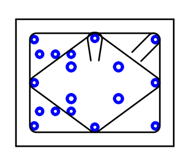


Lista cu forme fasonate

Poz.	Buc.	ø [mm]	Lungime unitara [m]	Calitate otel	Bare cotate (fara scara)	Lungime totala [m]	Greutate [kg]
1	35	8	1.70	BST500S	42 / 32 / 11	59.50	23.50
2	8	20	4.68	BST500S	428 / 40	37.44	92.33
3	35	8	1.31	BST500S	8 / 8 / 27 / 28 / 27 / 28 / 27 / 10 / 10 / 28	45.85	18.11
4	4	25	1.20	BST500S	120	4.80	18.50
5	2	20	1.42	BST500S	41 / 101	2.84	7.00
6	2	20	1.37	BST500S	36 / 101	2.74	6.76
7	2	20	1.32	BST500S	31 / 101	2.64	6.51

Greutate totala OB37 (kg):	0.00 kg
Greutate totala PC52 (kg):	0.00 kg
Greutate totala PC60 (kg):	0.00 kg
Greutate totala BST500S (kg):	172.71 kg
Greutate totala (kg):	172.71 kg

Sectiune 1 - 1
Scara 1:20

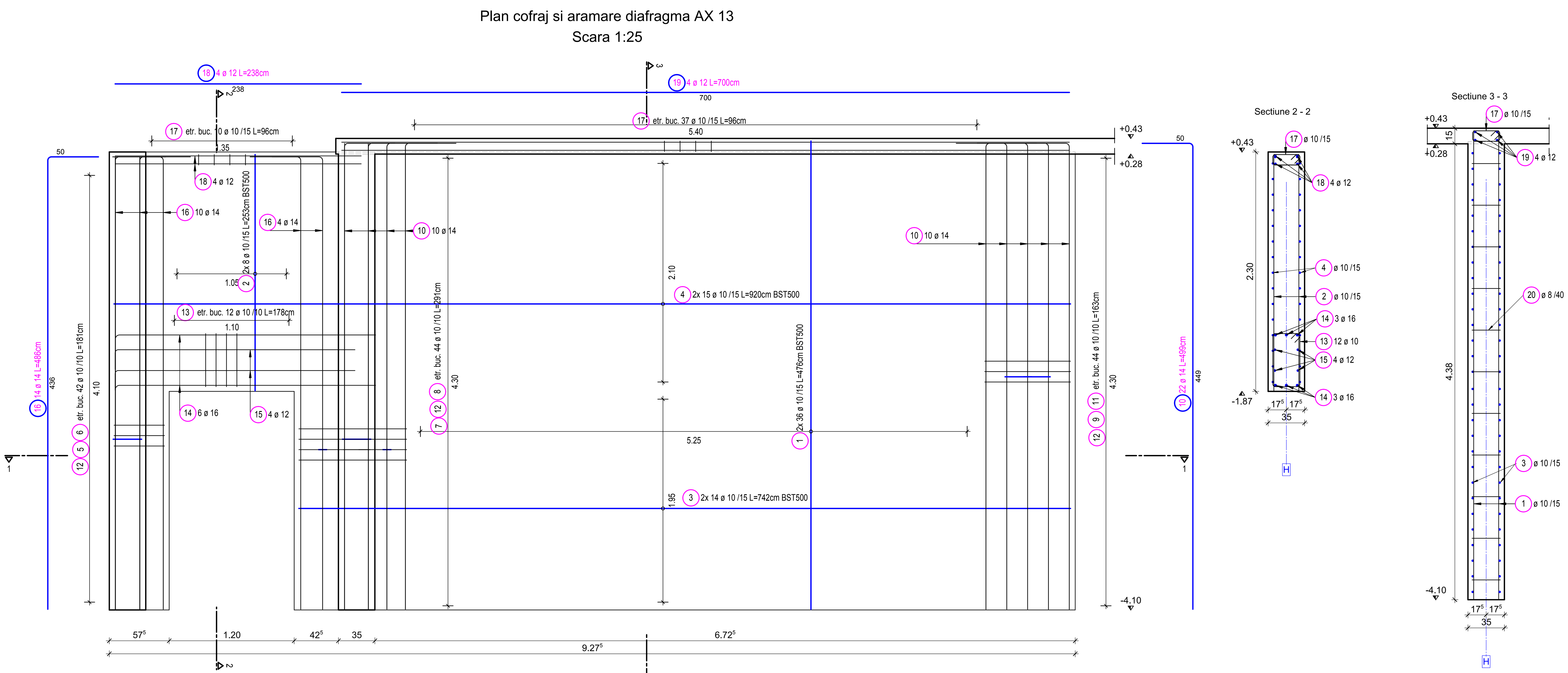


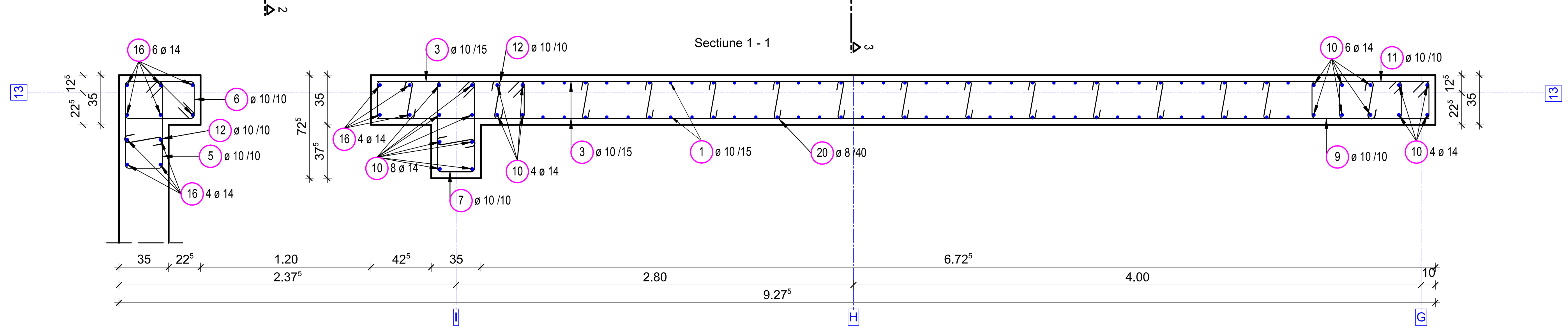
NOTE:
Stratul de acoperire de beton este 3 cm.

NOTE MATERIALE:
Beton C25/30
Otel BST 500S

P3-COMPLEX TURISTIC HOTELIER IN CALARASI| TOURISTIC HOTEL RESORT IN CALARASI, ROMANIA

Plan cofraj si aramare diafragma AX 13
Scara 1:25





NOTE: Stratul de acoperire de beton este 4 cm.

NOTE MATERIALE:
Beton C25/30
Otel BST500S
OB37

NOTE:
Plansa se citeste impreuna:
-Plan dispunerea mustati
-Plan armare grinzi si stalpi
-Plan cofraj

Lista cu forme fasonate

Poz.	Buc.	ø [mm]	Lungime unitara [m]	Calitate otel	Bare cotate (fara scara)	Lungime totala [m]	Greutate [kg]
1	72	10	4.76	BST500S	25 / 451	342.72	211.12
2	16	10	2.53	BST500S	25 / 228	40.48	24.94
3	28	10	7.42	BST500S	742	207.76	127.98
4	30	10	9.20	BST500S	920	276.00	170.02
5	42	10	2.06	BST500S	27 / 62	86.52	53.30

Lista cu forme fasonate

Poz.	Buc.	ø [mm]	Lungime unitara [m]	Calitate otel	Bare cotate (fara scara)	Lungime totala [m]	Greutate [kg]
6	42	10	1.81	BST500S	50 / 27	76.02	46.83
7	44	10	2.11	BST500S	27 / 65	92.84	57.19
8	44	10	2.91	BST500S	105 / 27	128.04	78.87
9	43	10	2.48	BST500S	83 / 27	106.64	65.69

Lista cu forme fasonate

Poz.	Buc.	ø [mm]	Lungime unitara [m]	Calitate otel	Bare cotate (fara scara)	Lungime totala [m]	Greutate [kg]
10	22	14	4.99	BST500S	449 / 50	109.78	132.61
11	44	10	1.63	BST500S	44 / 27	71.72	44.18
12	220	10	0.47	BST500S	10 / 27 / 10	103.40	63.69
13	12	10	1.78	BST500S	52 / 27	21.36	13.16
14	6	16	2.82	BST500S	252 / 30	16.92	26.72

Lista cu forme fasonate

Poz.	Buc.	ø [mm]	Lungime unitara [m]	Calitate otel	Bare cotate (fara scara)	Lungime totala [m]	Greutate [kg]
15	4	12	2.52	BST500S	232 / 20	10.08	8.95
16	14	14	4.86	BST500S	50 / 436	68.04	82.19
17	47	10	0.96	BST500S	11 / 27	45.12	27.79
18	4	12	2.38	BST500S	238	9.52	8.45
19	4	12	7.00	BST500S	700	28.00	24.86
20	132	8	0.45	OB37	9 / 27 / 9	59.40	23.46

Greutate totala OB37 (kg):	23.46 kg
Greutate totala PC52 (kg):	0.00 kg
Greutate totala PC60 (kg):	0.00 kg
Greutate totala BST500S (kg):	1268.54 kg
Greutate totala (kg):	1292.00 kg

P3-COMPLEX TURISTIC HOTELIER IN CALARASI| TOURISTIC HOTEL RESORT IN CALARASI, ROMANIA

Plan cofraj placa peste demisol COTA +0.43

NOTA:
Plansa se citeste impreuna ca:
-Plan cofraj si armare diafragma
-Plan cofraj si armare grinda
-Plan cofraj si armare scari