

MINISTRY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN
INTERNATIONAL EDUCATIONAL CORPORATION
LEADING ARCHITECTURAL AND CONSTRUCTION ACADEMY

DIPLOMA PROJECT

“Art Complex in Astana city: Center for Decorative and Applied Arts”
EP “6B07311 Architecture of residential and public buildings”

Completed by: ARPB stud. gr. 21-7** Tsay A. I.
Supervisor of DP: Samsakov B.A.

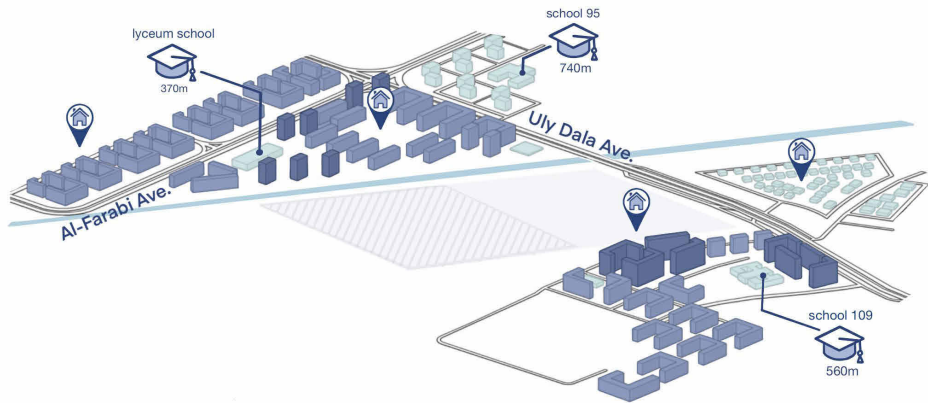
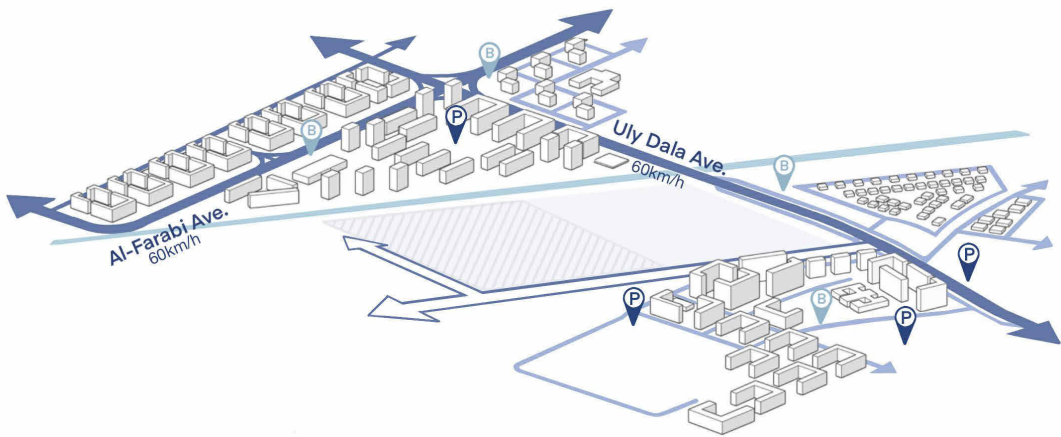
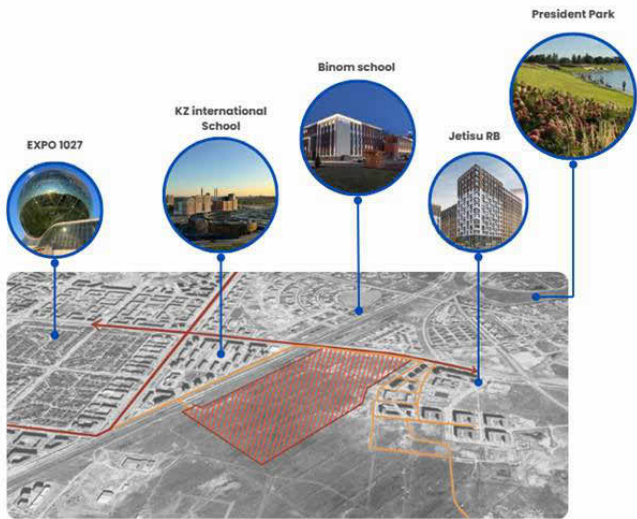
Situation plan



Symbols

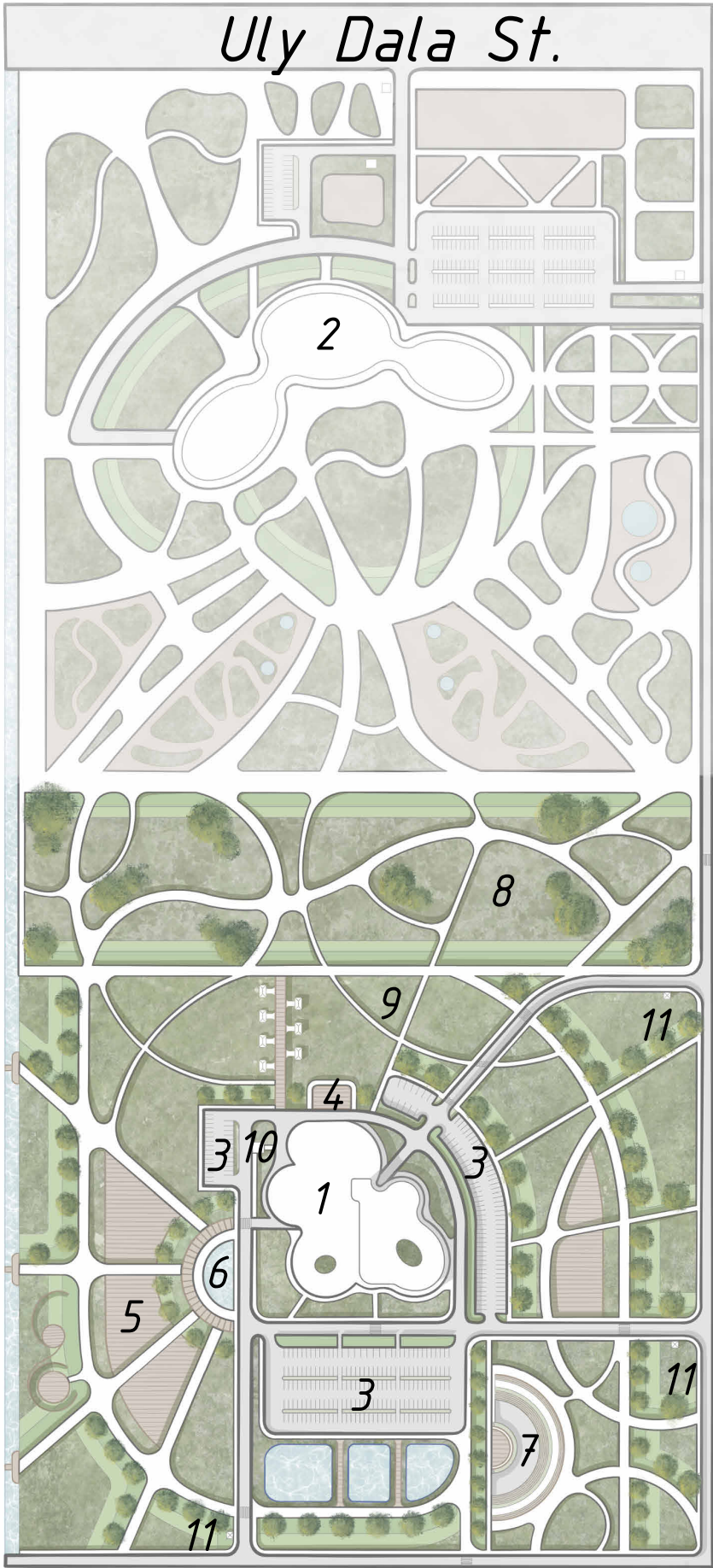
Area of the site

SELECTED SITE



						Center for contemporary art in Astana city				
						Diploma work				
Edit.	A.st.	Sheet	NºDoc.	Sign.	Data					
								Stage	Sheet	Sheets
Made by		Tsay Alexandra I.			PP			4	24	
Supervisor		Samsakov B. A.								
Tech. officer		Dyussenova D. G.				Situation plan				

Master plan S 1:1000



EXPLICATION OF THE TERRITORY	
1	Center for contemporary art
2	Museum of modern art
3	Parking area
4	Cafe terrace
5	Art exhibition
6	Water body/ fountain
7	Garden/ alley
8	Park/ recreation area
9	Bycycle routs
10	Waste collection area
11	Security

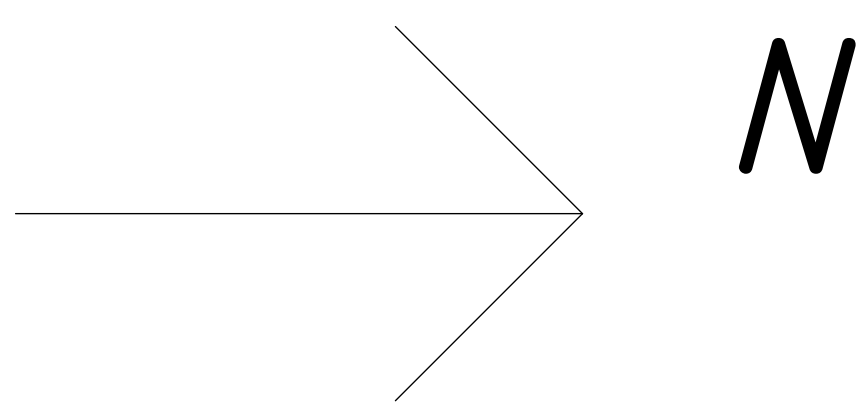
Symbols

	Greenery
	Asphalt
	Event venues
	Water body
	Building
	Trees

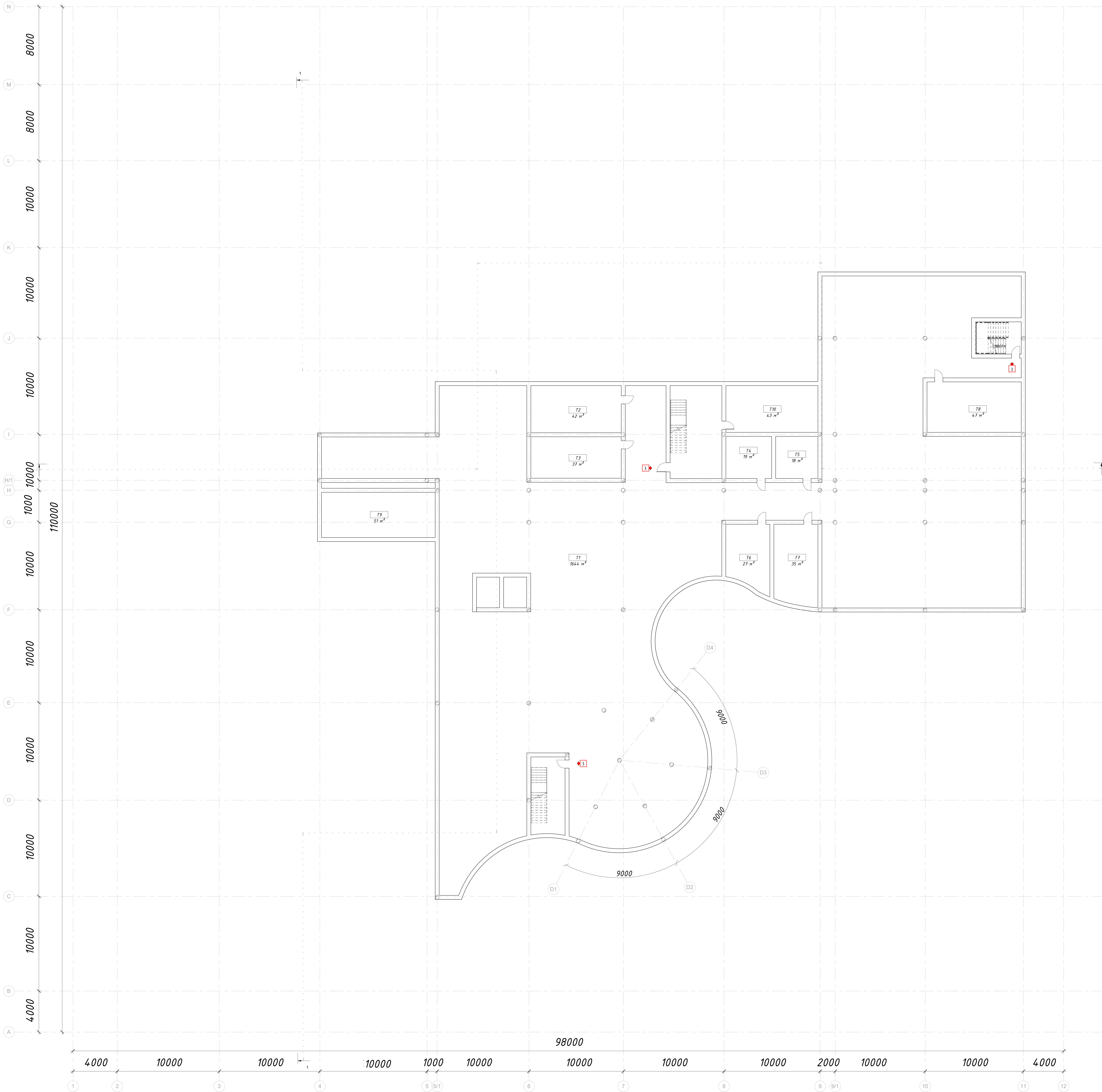
Area breakdown	%	ha
Buildings	3	0.50
Paths and routs	27	4,30
Greenery	59	9,40
Event venues	7	1,10
Water bodies	4	0.66
Total area	100	15,96

Total area of the site	31,92
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						Center for contemporary art in Astana city			
						Diploma work			
Edit.	A.st.	Sheet	NºDoc.	Sign.	Data				
							Stage	Sheet	Sheets
Made by						Tsay Alexandra I.	PP	5	24
Supervisor						Samsakov B. A.			
Tech. officer						Dyussenova D. G.	Master plan S 1:1000		



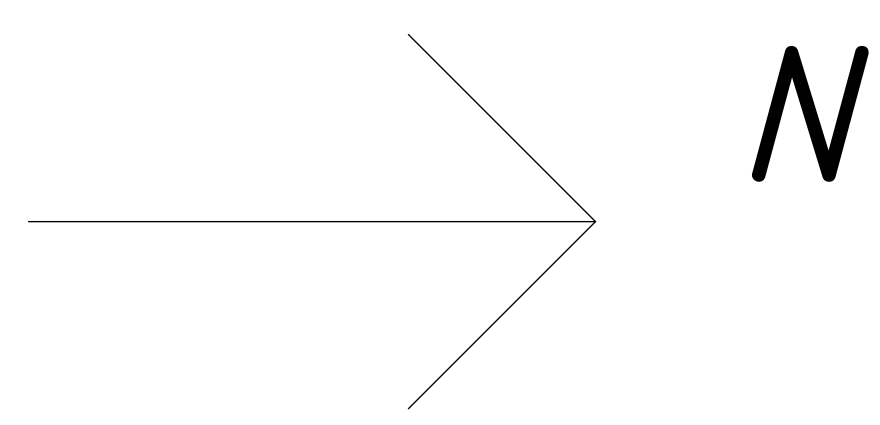
Layout of the -1 floor S 1:500



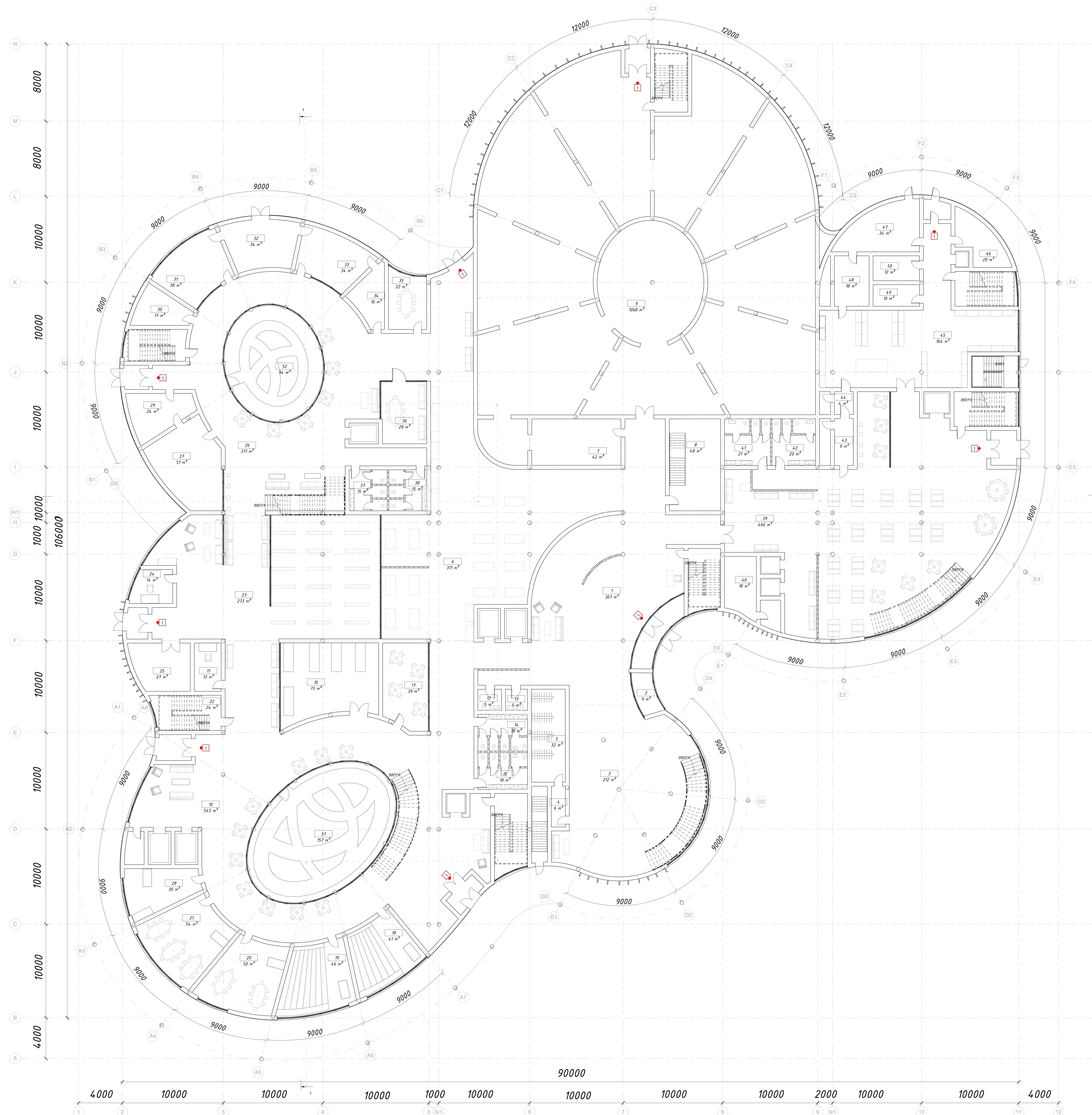
Explication -1 floor		
NUMBER	NAME	SQUARE
T1	Technical floor	1644 m ²
T2	Automated heating substation (AHS)	42 m ²
T3	Boiler room	37 m ²
T4	Pump room	19 m ²
T5	Storage of inventory	18 m ²
T6	Storage room	27 m ²
T7	Backup power room (generator)	35 m ²
T8	Waste collection room	47 m ²
T9	Electrical room	51 m ²
T10	Server room	43 m ²
Total		1963 m ²

Conventional designations			
Sign number on the plan	Designation	Name	Quantity
3		A one-way illuminated sign on a pendant. Direction to the emergency exit.	3

						Art Complex in Astana city: Center for Decorative and Applied Arts			
						Diploma project			
Edit.	A.st.	Sheet	NºDoc.	Sign.	Data		Stage	Sheet	Sheets
Made by:	Tsay Alexandra I.						PP	6	24
Supervisor:	Samsakov B.A.								
Tech. officer:	Dyussenova D.G.					Layout of the -1 floor			

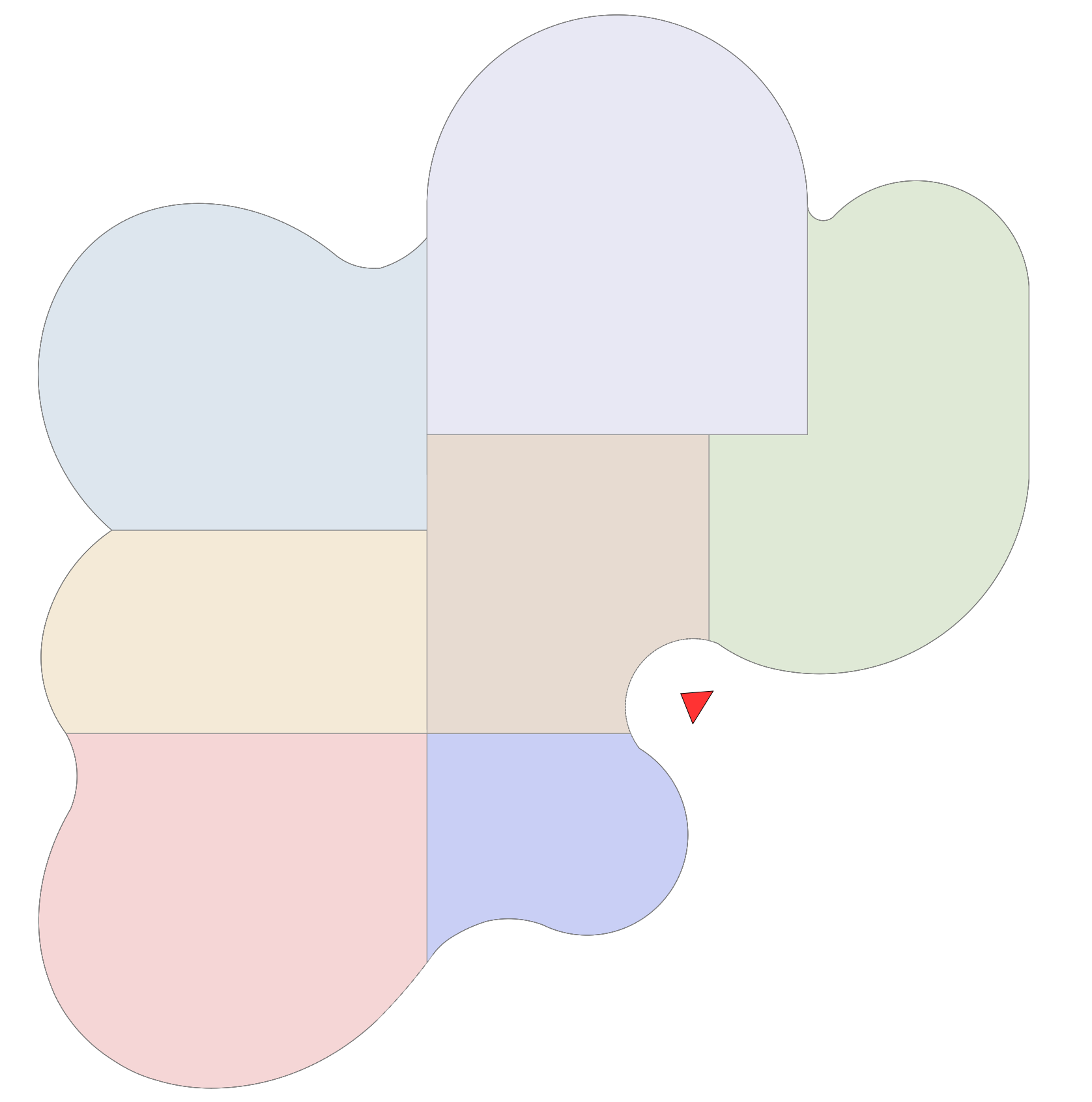


Layout of the 1 floor S 1:500



Functional zoning

- Workshop
- Interactive museum
- Library
- Educational block
- Restaurant
- Wardrobe
- Exhibition area
- Main entrance



Explication 1 floor		
NUMER	NAME	SQUARE
1	Main hall	307 M ²
2	Security	9 M ²
3	Buffer zone	212 M ²
4	Staff room	6 M ²
5	Wardrobe	32 M ²
6	Exhibition area	311 M ²
7	Technical room	42 M ²
8	Wardrobe	48 M ²
9	Interactive museum	1068 M ²
10	Recreation area	545 M ²
11	Security	13 M ²
12	WC M	5 M ²
13	WC W	5 M ²
14	WC M	18 M ²
15	WC W	18 M ²
16	Material exhibition	73 M ²
17	Meeting room	39 M ²
18	Lecture zone	41 M ²
19	Lecture zone	46 M ²
20	Meeting room	50 M ²
21	Meeting room	54 M ²
22	Evacuation staircase	24 M ²
23	Library	273 M ²
24	Secretary cabinet	14 M ²
25	Book archive	27 M ²
26	Workshop zone	371 M ²
27	Workshop area	51 M ²

Explication 1 floor		
NUMER	NAME	SQUARE
28	First aid station	30 M ²
29	Workshop area	24 M ²
30	Storage	17 M ²
31	Workshop area	38 M ²
32	Storage	34 M ²
33	Workshop area	34 M ²
34	Storage	16 M ²
35	Conference room	22 M ²
36	Conference room	28 M ²
37	WC M	15 M ²
38	WC W	15 M ²
39	Main reastaurant hall	466 M ²
40	Wardrobe	18 M ²
41	WC M	21 M ²
42	WC W	20 M ²
43	Bar	9 M ²
44	Bar storage	4 M ²
45	Kitchen	164 M ²
46	Staff area	20 M ²
47	Storage	34 M ²
48	Preparation room	18 M ²
49	Staff WC	10 M ²
50	Staff shower	12 M ²
51	Inner courtyard	157 M ²
52	Inner courtyard	94 M ²
Total		5023 M ²

Conventional designations

Sign number on the plan	Designation	Name	Quantity
1		Wall-mounted, single-sided illuminated sign. Emergency exit door sign.	9

Art Complex in Astana city: Center for Decorative and Applied Arts

Diploma project

Edit. A.st. Sheet №Doc. Sign. Data

Made by: Tsay Alexandra I.

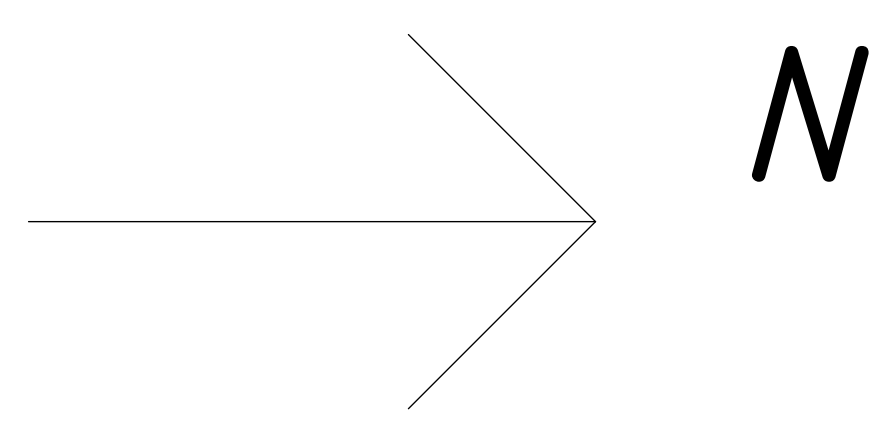
Supervisor: Samsakov B.A.

Tech. officer: Dyussenova D.G.

Stage Sheet Sheets

PP 7 24

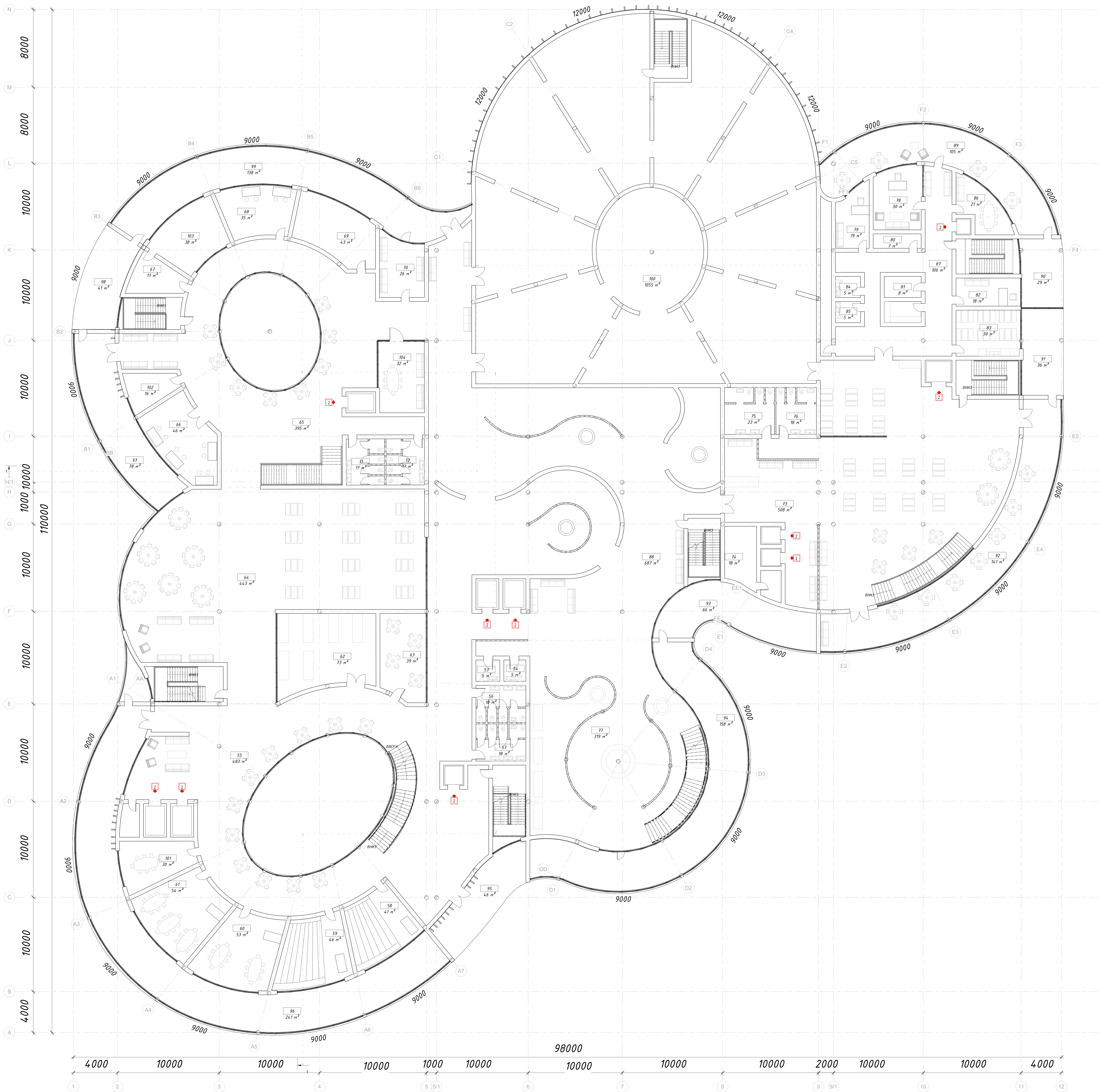
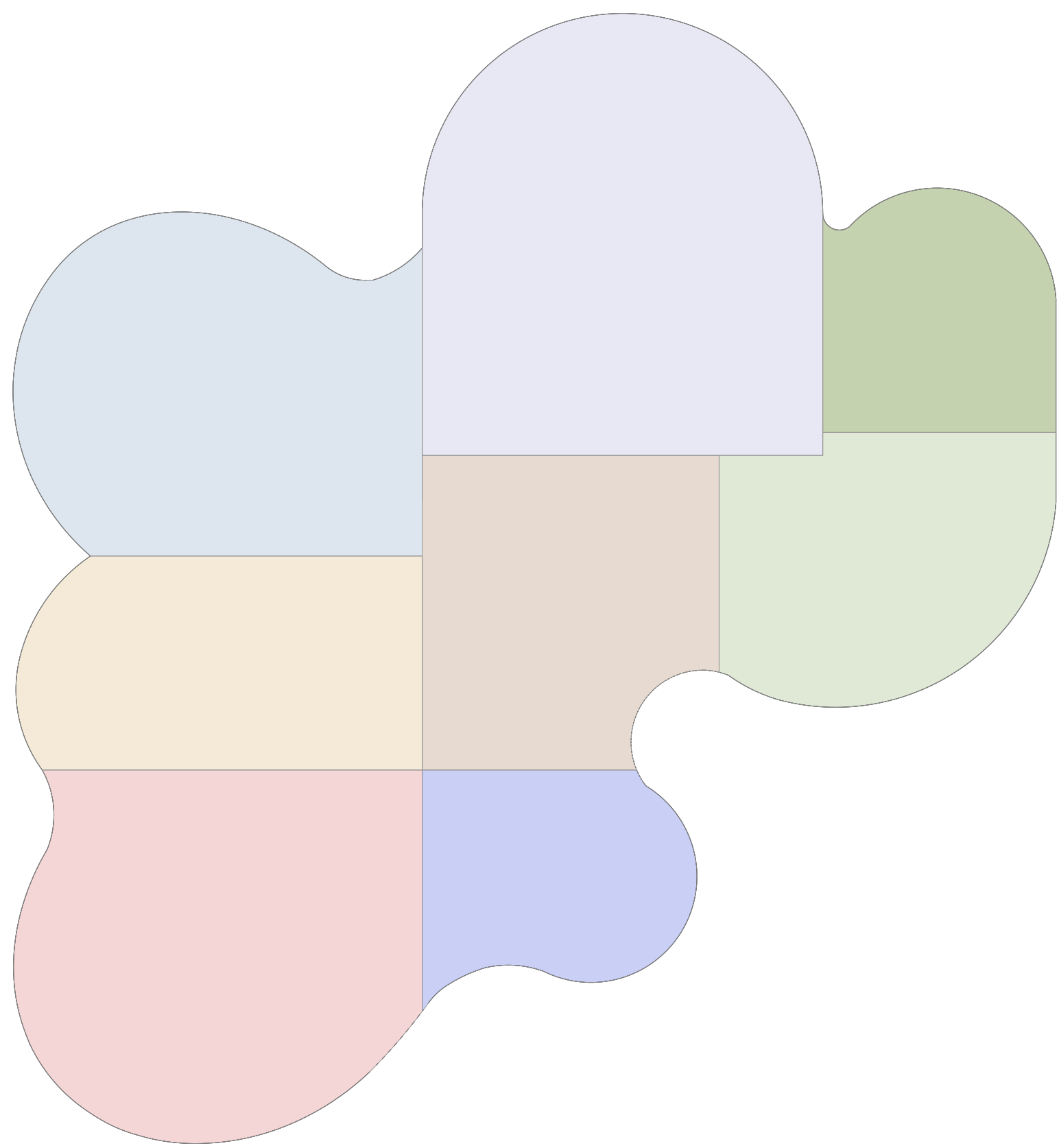
Layout of the 1 floor



Layout of the 2 floor S 1:500

Functional zoning

- Workshop
- Interactive museum
- Library
- Educational block
- Restaurant
- Wardrobe
- Administration
- Exhibition area



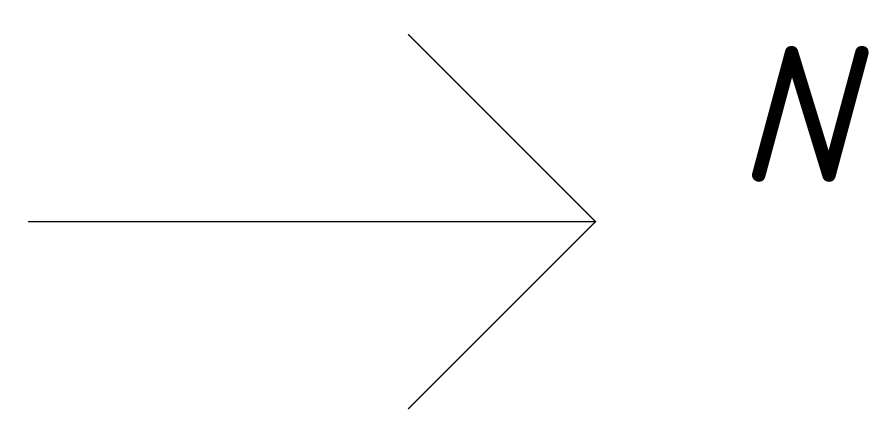
Explication 2 floor		
NUMBER	NAME	SQUARE
53	WC M	5 M ²
54	WC W	5 M ²
55	Educational area	483 M ²
56	WC M	18 M ²
57	WC W	18 M ²
58	Lecture zone	41 M ²
59	Lecture zone	46 M ²
60	Presentation area	53 M ²
61	Presentation area	54 M ²
62	Exhibition	73 M ²
63	Meeting room	39 M ²
64	Reading hall	443 M ²
65	Workshop zone	395 M ²
66	Workshop area	46 M ²
67	Workshop area	17 M ²
68	Workshop area	35 M ²
69	Workshop area	43 M ²
70	Recreation area	26 M ²
71	WC M	17 M ²
72	WC W	17 M ²
73	Restaurant hall	508 M ²
74	Wardrobe	18 M ²
75	WC M	23 M ²
76	WC W	18 M ²
77	Exhibition area	319 M ²
78	Director cabinet	30 M ²
79	Secretary cabinet	19 M ²
80	Archive	7 M ²

Explication 2 floor		
NUMBER	NAME	SQUARE
81	Wardrobe	8 M ²
82	SMM cabinet	18 M ²
83	Administrative kitchen	30 M ²
84	WC W	5 M ²
85	WC M	5 M ²
86	Meeting room	21 M ²
87	Administrative hall	106 M ²
88	Showroom	687 M ²
89	Terrace	105 M ²
90	Open balcony	29 M ²
91	Open balcony	36 M ²
92	Restaurant terrace	141 M ²
93	Open balcony	66 M ²
94	Terrace	158 M ²
95	Open balcony	46 M ²
96	Terrace	241 M ²
97	Terrace	78 M ²
98	Open balcony	41 M ²
99	Terrace	138 M ²
100	Interactive museum	1055 M ²
101	Meeting room	30 M ²
102	Storage	16 M ²
103	Workshop area	38 M ²
104	Meeting room	32 M ²

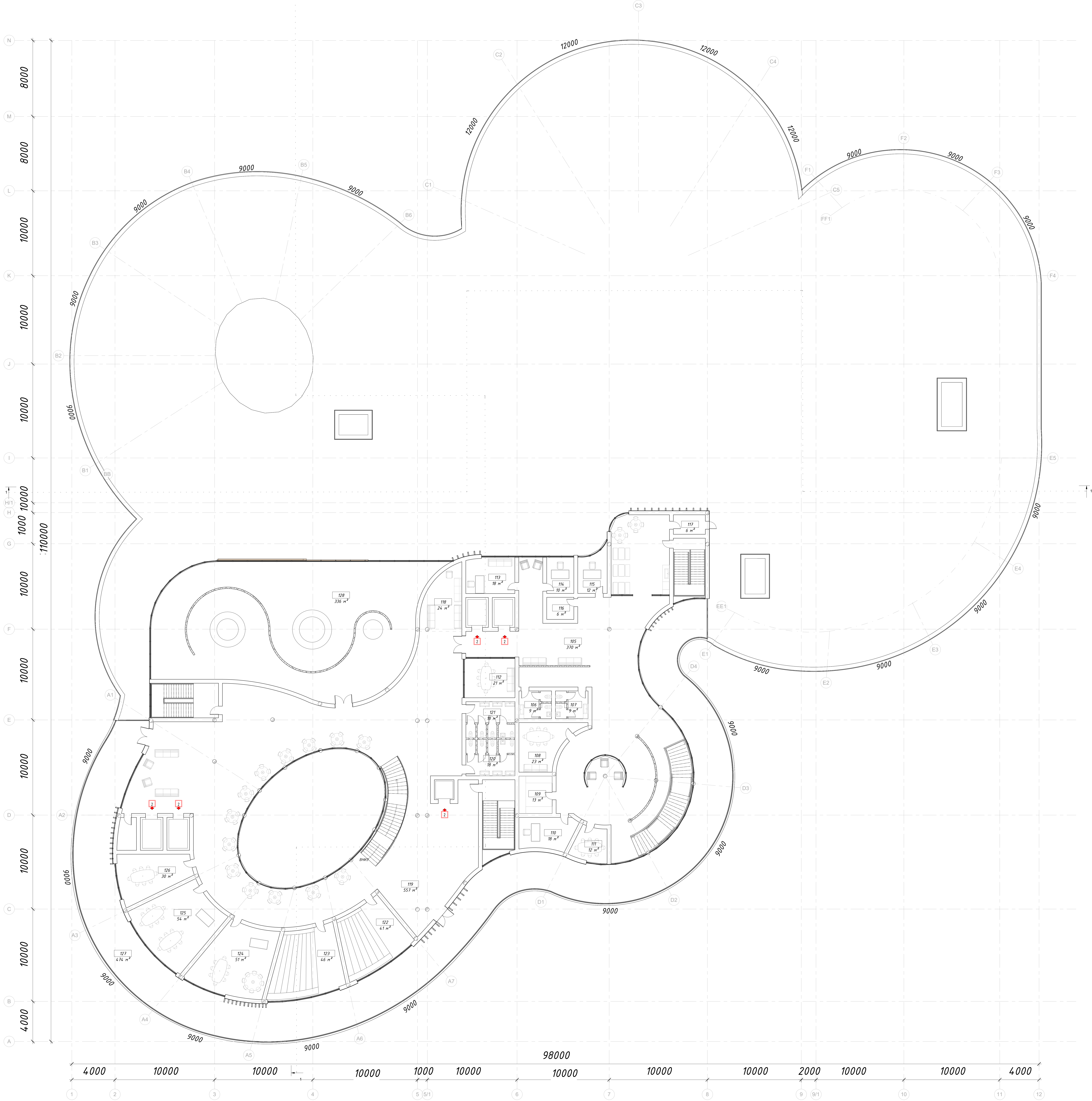
Total	6046 M ²
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Conventional designations			
Sign number on the plan	Designation	Name	Quantity
2	Elevator →	Wall-mounted, single-sided illuminated sign. Elevator lobby door sign	10

Art Complex in Astana city: Center for Decorative and Applied Arts					
Diploma project					
Edit.	A.st.	Sheet	NºDoc.	Sign.	Data
Made by: Tsay Alexandra I.				Stage	Sheet
Supervisor: Samsakov B.A.				PP	8
Tech. officer: Dyussenova D.G.				Layout of the 2 floor	24

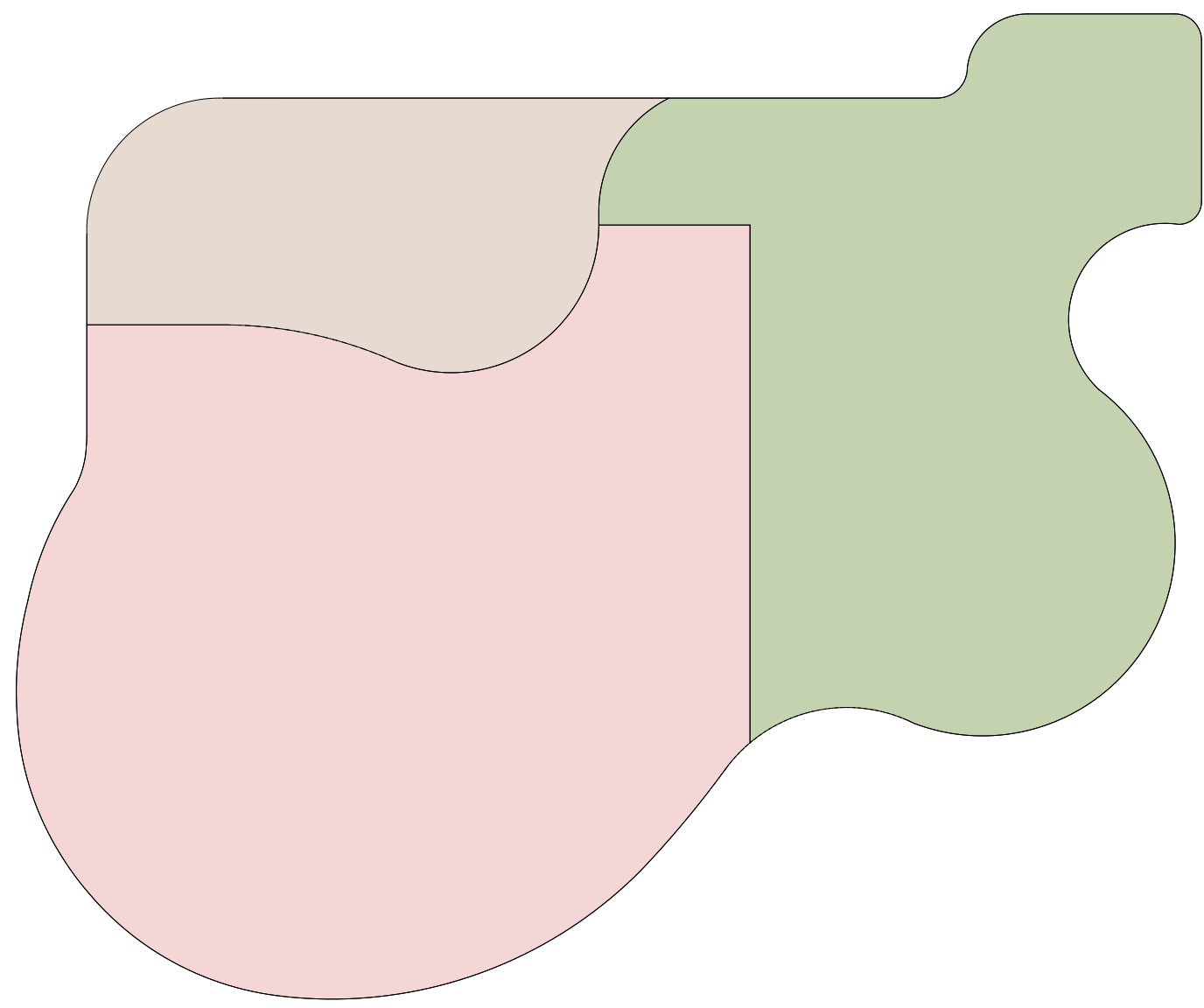


Layout of the 3 floor S 1:500



Functional zoning

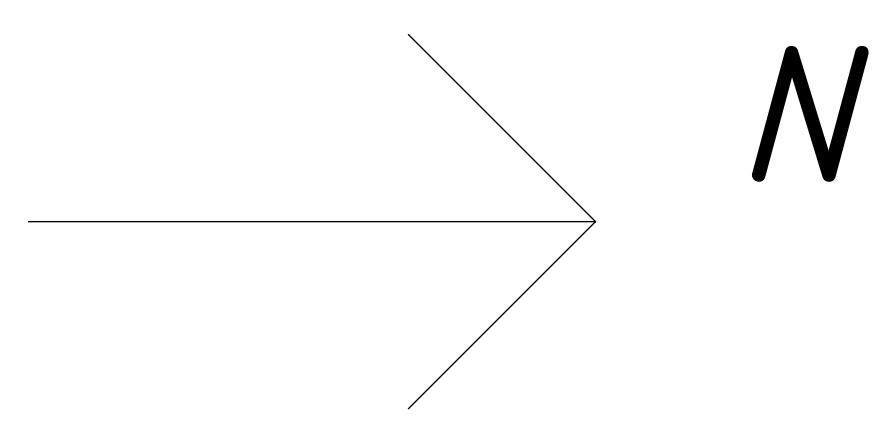
- Educational block
- Administration
- Exhibition area



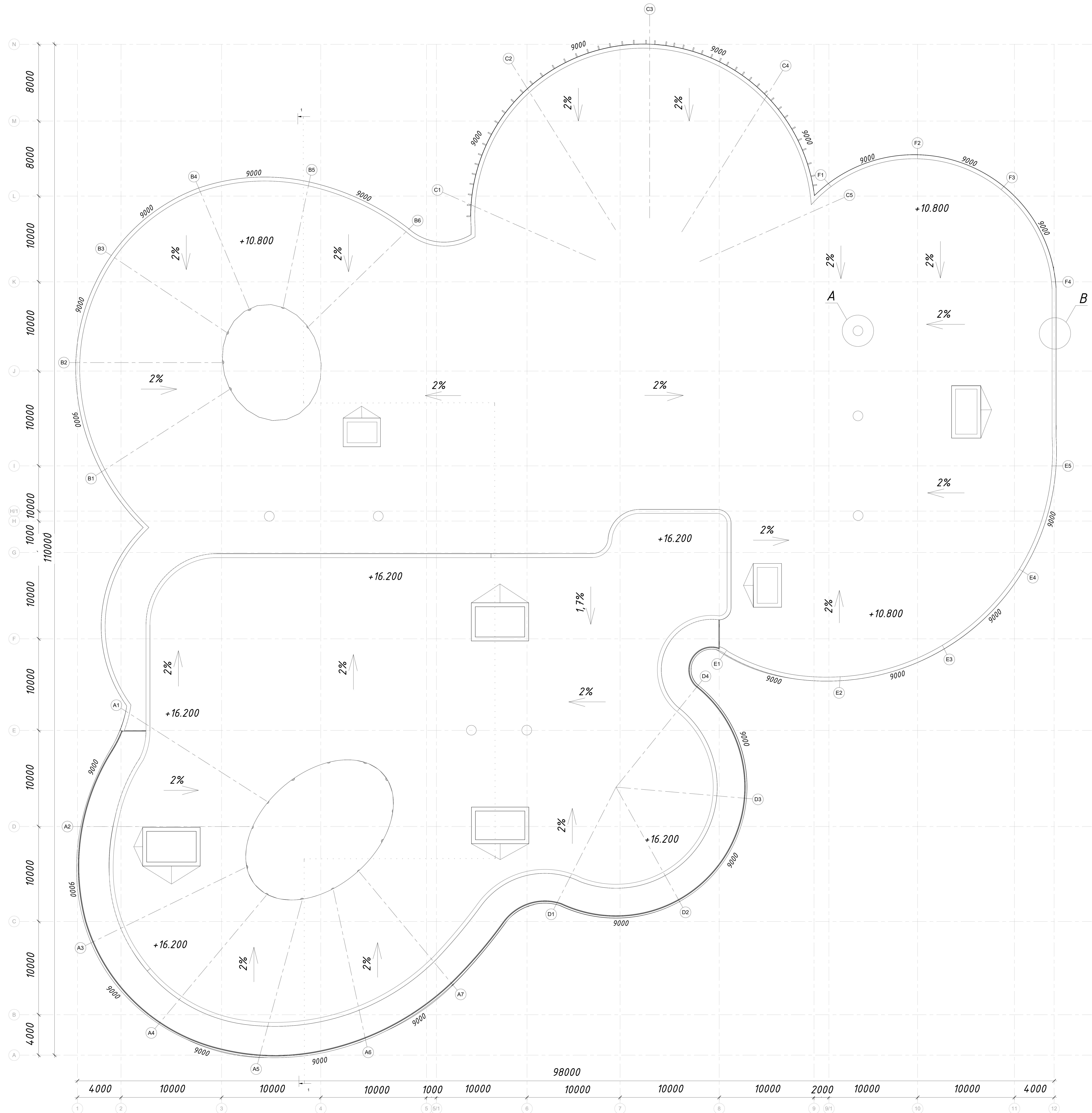
Explication 3 floor		
NUMBER	NAME	SQUARE
105	Administrative hall	370 m ²
106	WC W	9 m ²
107	WC M	9 m ²
108	Meeting room	23 m ²
109	Wardrobe	13 m ²
110	SMM cabinet	18 m ²
111	Meeting room	12 m ²
112	Meeting room	21 m ²
113	Director cabinet	18 m ²
114	Secretary cabinet	10 m ²
115	Accountent cabinet	12 m ²
116	Archive	6 m ²
117	Roof entrance	6 m ²
118	Recreation area	24 m ²
119	Private exhibition	557 m ²
120	WC M	18 m ²
121	WC W	18 m ²
122	Lecture zone	41 m ²
123	Lecture zone	46 m ²
124	Meeting room	51 m ²
125	Meeting room	54 m ²
126	Meeting room	30 m ²
127	Terrace	474 m ²
128	Exhibition area	336 m ²
Total		2176 m ²

Conventional designations			
Sign number on the plan	Designation	Name	Quantity
2	Elevator →	Wall-mounted, single-sided illuminated sign. Elevator lobby door sign	5

						Art Complex in Astana city: Center for Decorative and Applied Arts				
						Diploma project				
Edit.	A.st.	Sheet	NºDoc.	Sign.	Data					
								Stage	Sheet	Sheets
Made by:		Tsay Alexandra I.						PP	9	24
Supervisor:		Samsakov B.A.								
Tech. officer:		Dyussenova D.G.				Layout of the 3 floor				



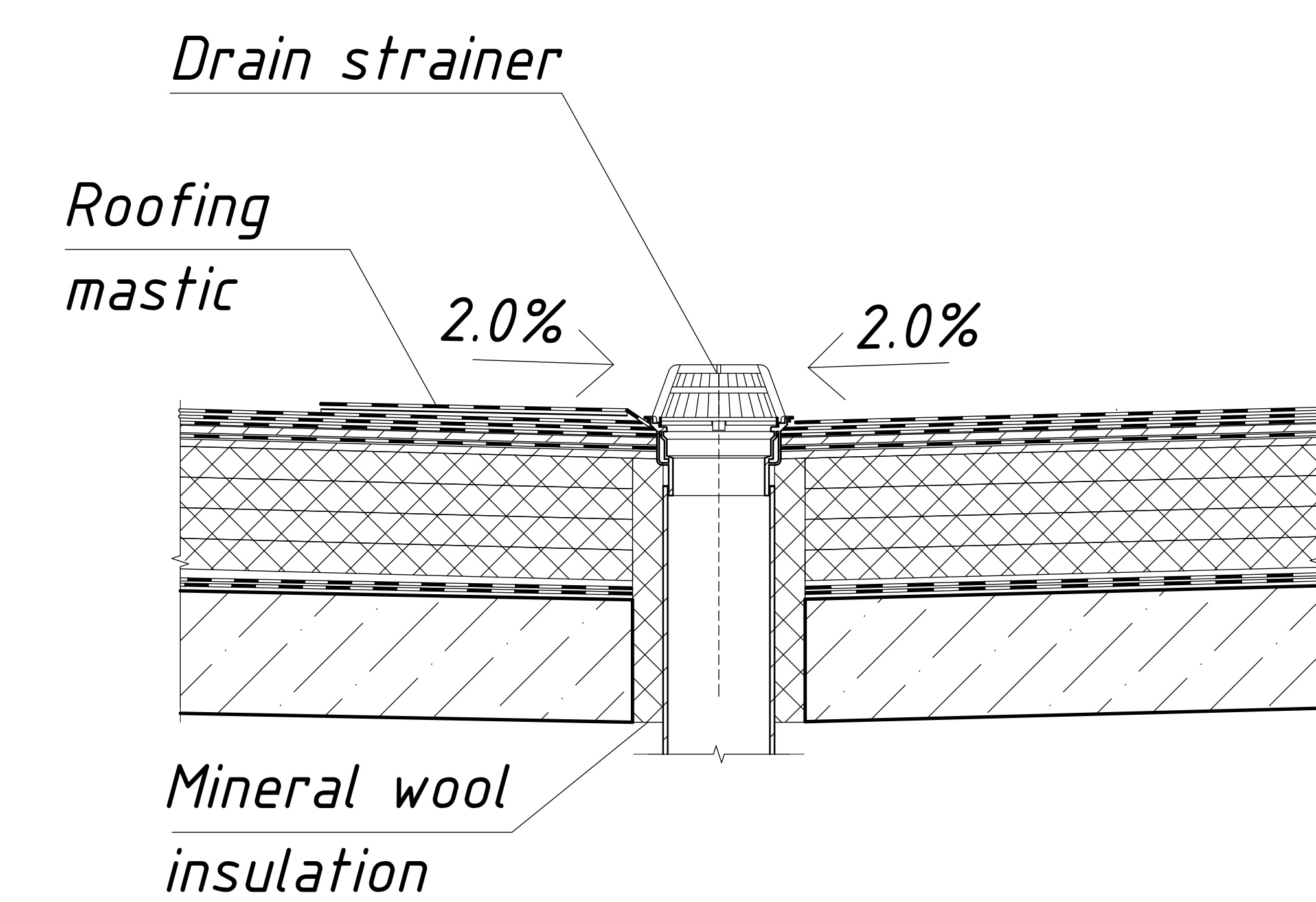
Layout of the roof S 1:500



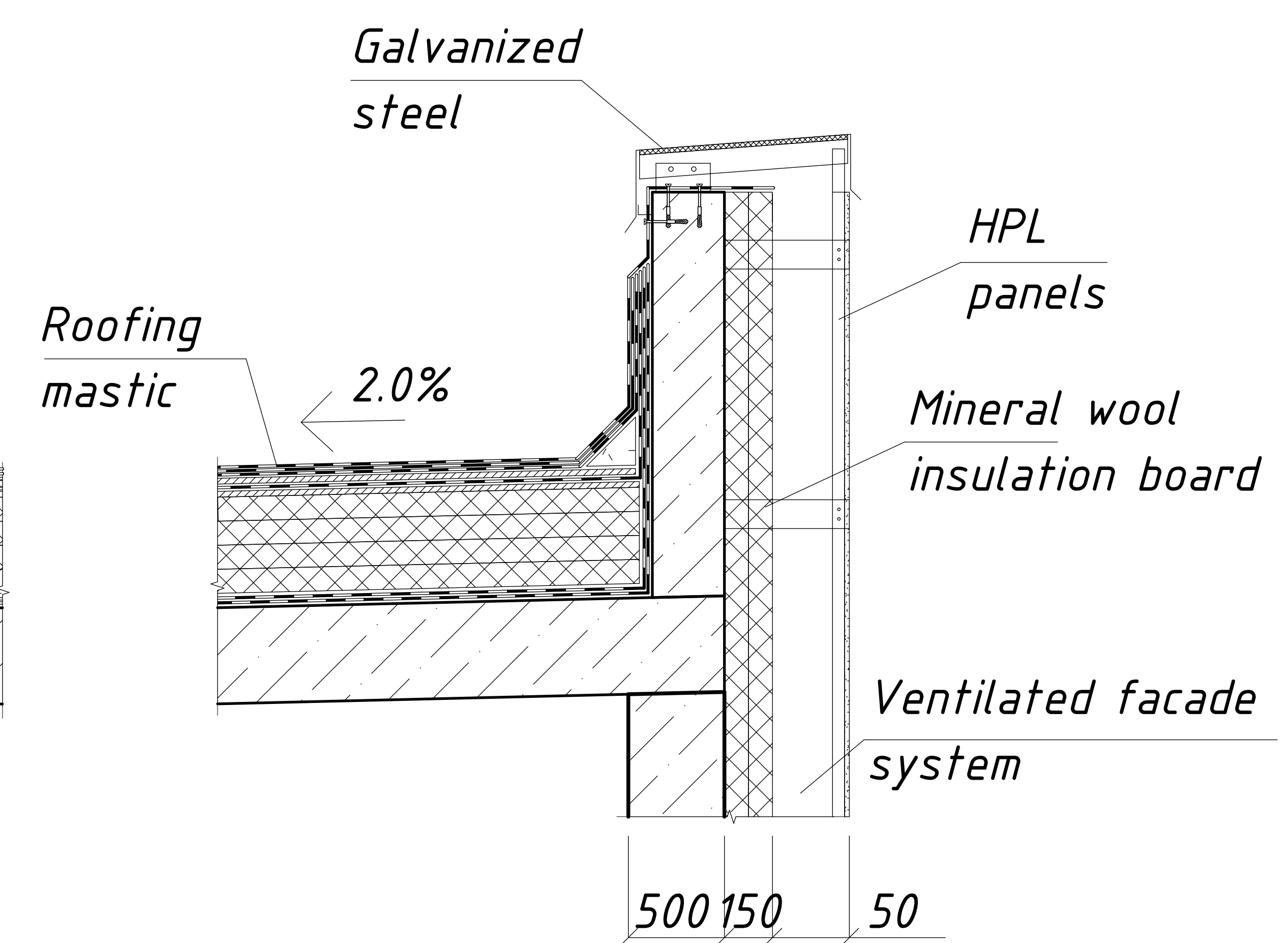
Symbols

+10.800	Altitude mark
	Direction of slope
2%	Slope percentage
	Drainage system
	Ventilation shaft
	Parapets

A
Roof drain outlet

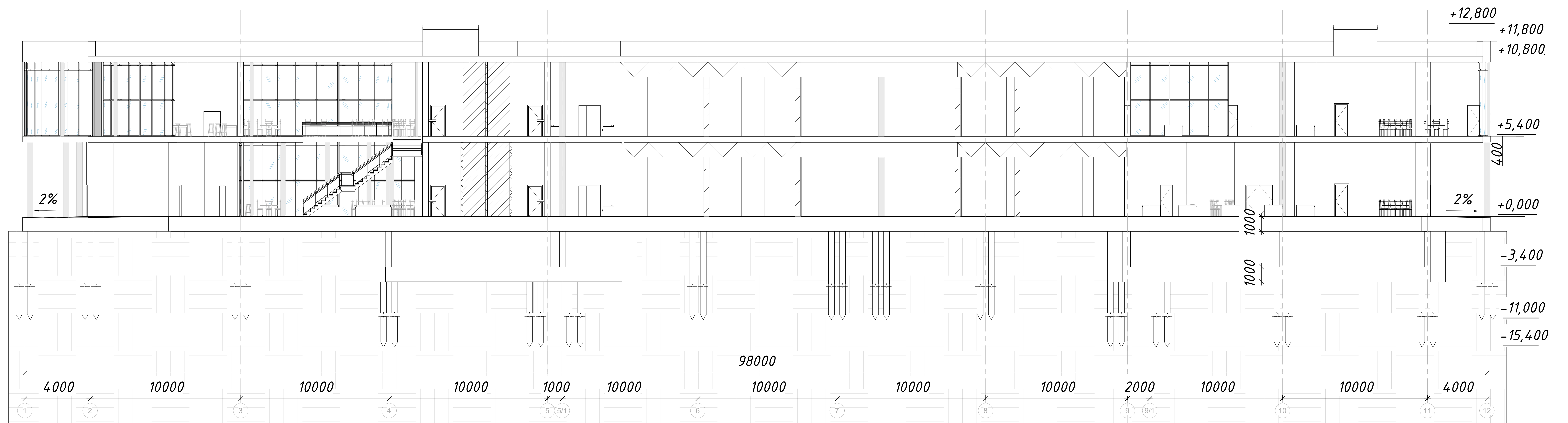


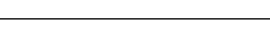
B
Parapet detail



						Art Complex in Astana city: Center for Decorative and Applied Arts				
Edit.	A.st.	Sheet	NºDoc.	Sign.	Data	Diploma project				
								Stage	Sheet	Sheets
Made by:		Tsay Alexandra I.						PP	10	24
Supervisor:		Samsakov B.A.								
Tech. officer:		Dyussenova D.G.				Layout of the roof				

Section A-A S 1:500



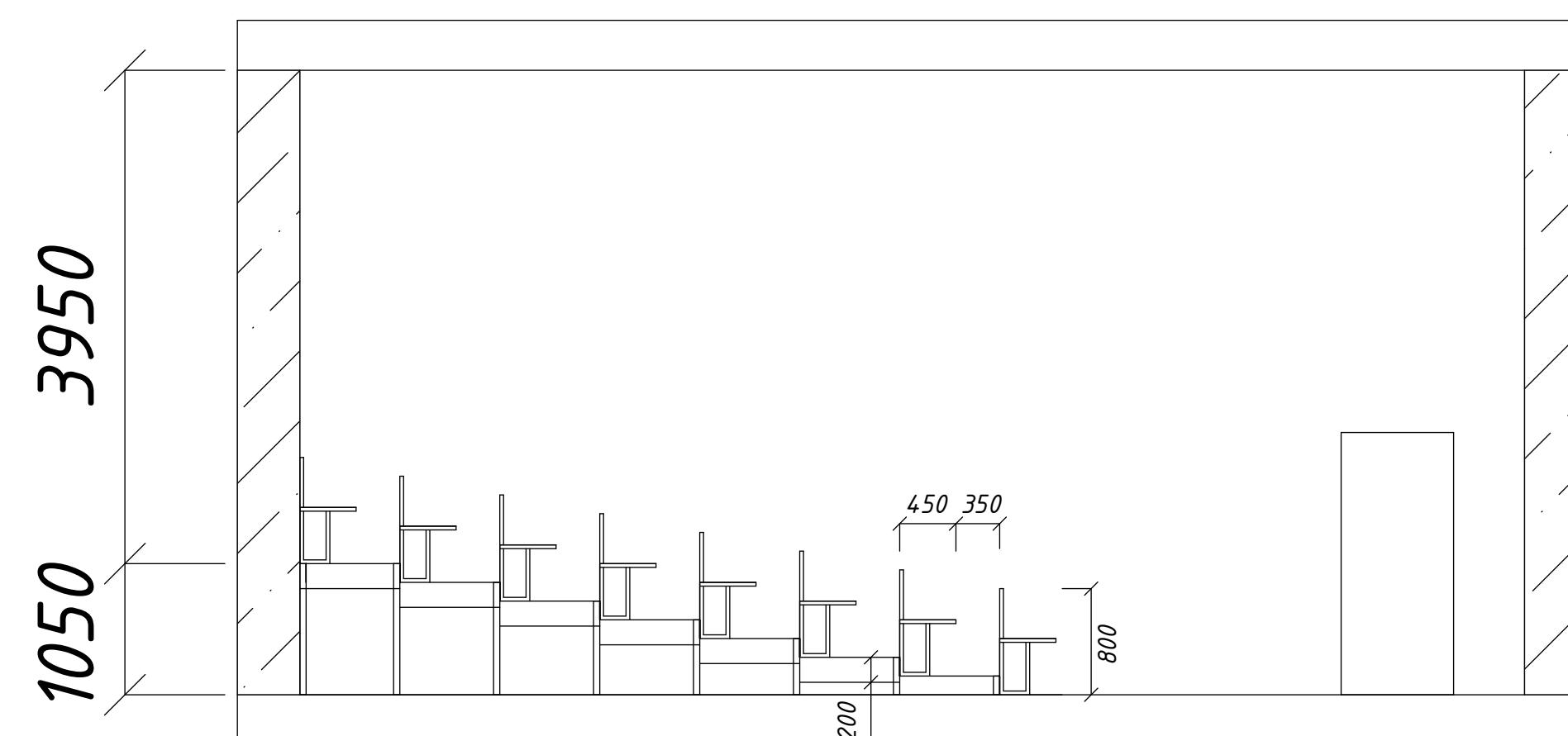
Symbols	
<u>+5.400</u>	Altitude mark
	Direction of slope
2%	Slope percentage

						Art Complex in Astana city: Center for Decorative and Applied Arts			
						Diploma project			
Edit.	A.st.	Sheet	NºDoc.	Sign.	Data				
							Stage	Sheet	Sheets
Made by:		Tsay Alexandra I.					PP	11	24
Supervisor:		Samsakov B.A.							
Tech. officer:		Dyussenova D.G.				Section A-A			

Section B-B S 1:500



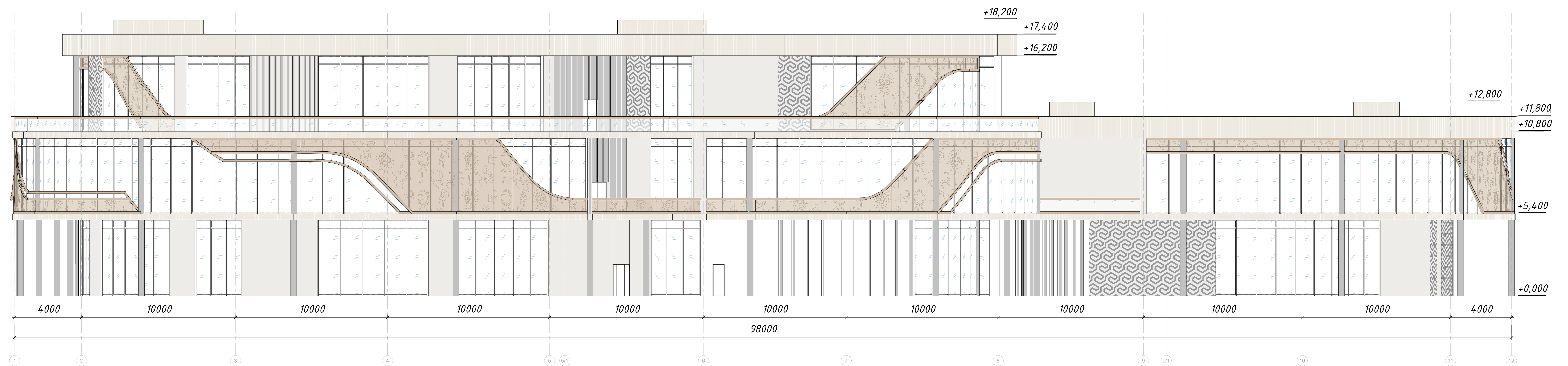
1-1
Lecture hall cross section



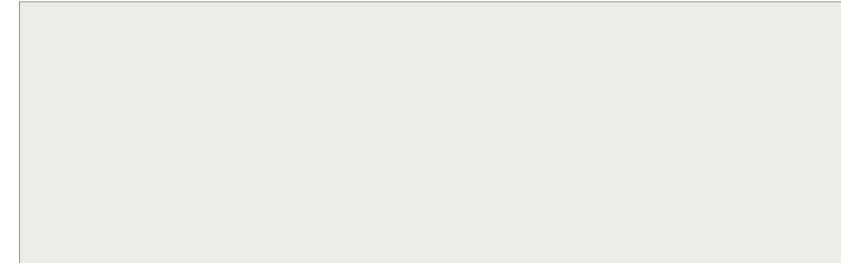
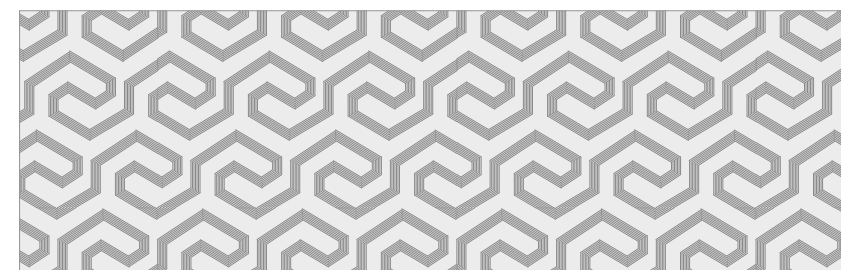
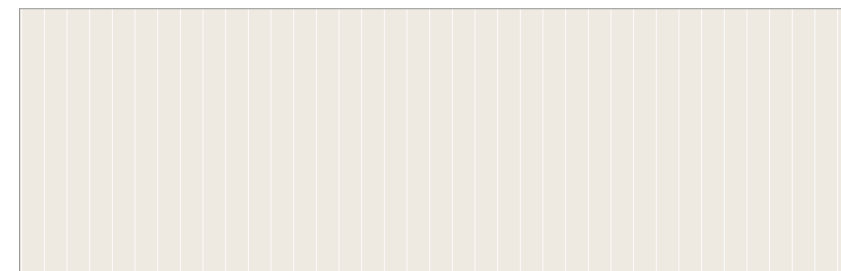
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<u>+5.400</u>	Altitude mark
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2%	Slope percentage

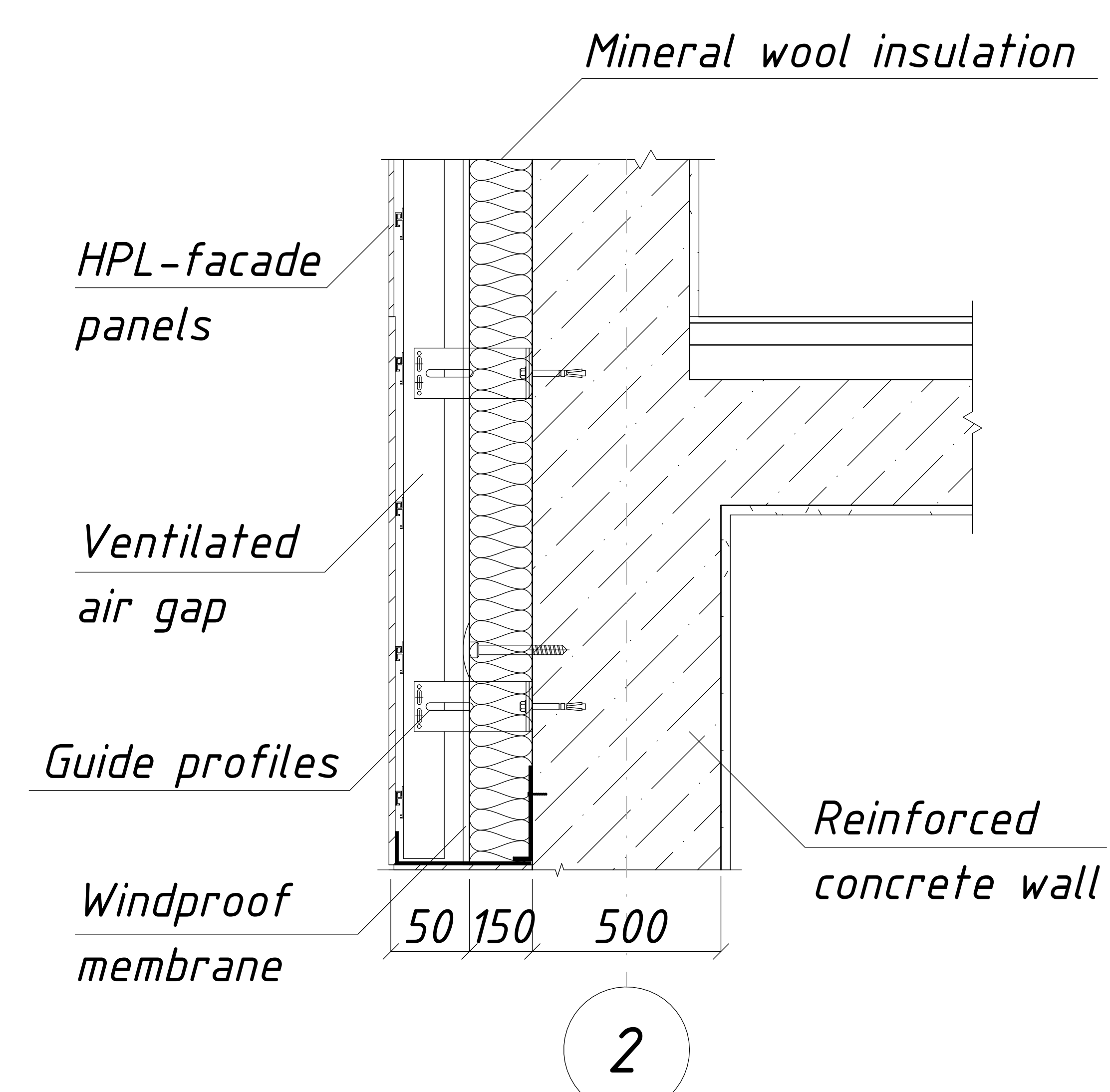
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						Diploma project			
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							Stage	Sheet	Sheets
Made by:		Tsay Alexandra I.			PP		12	24	
Supervisor:		Samsakov B.A.							
Tech. officer:		Dyussenova D.G.				Section B-B			

Facade 1-12 S 1:500



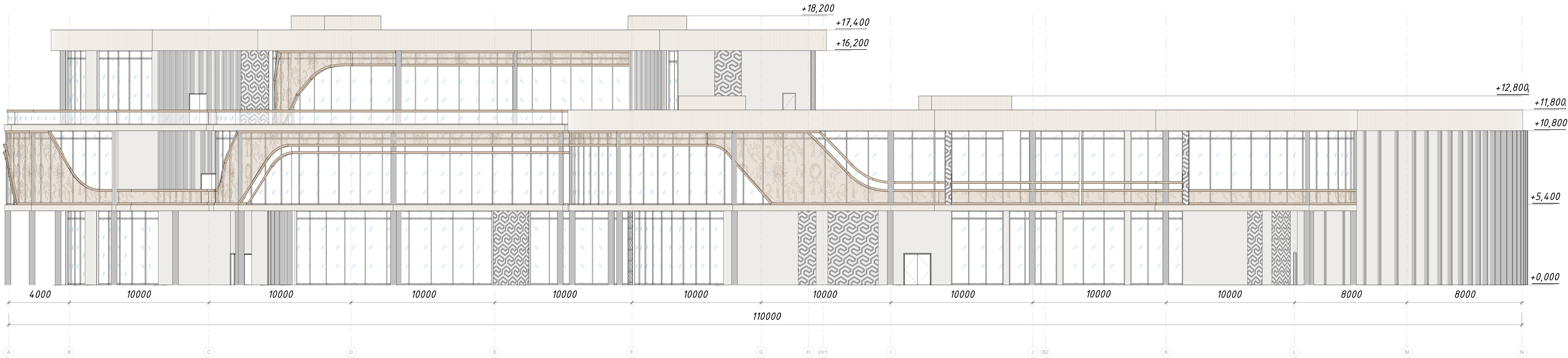
Ventilated facade system

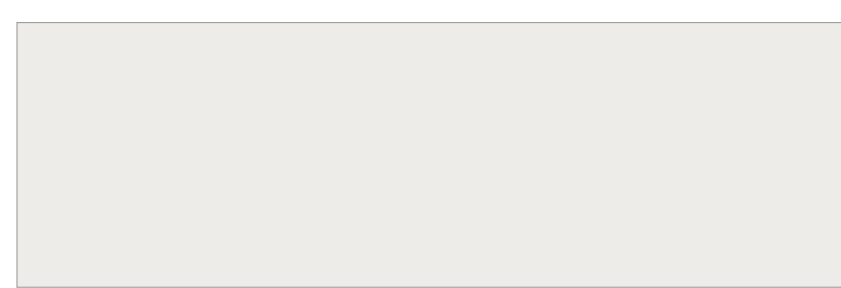
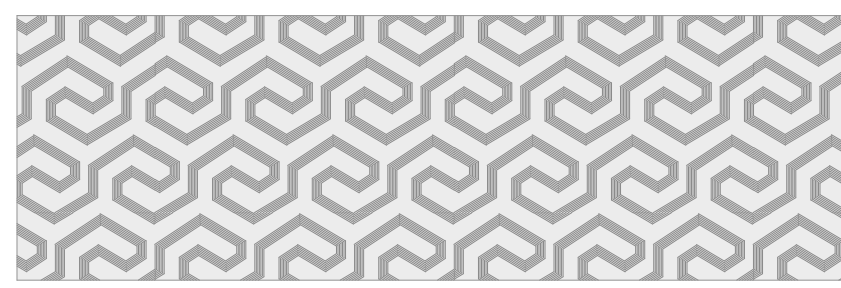
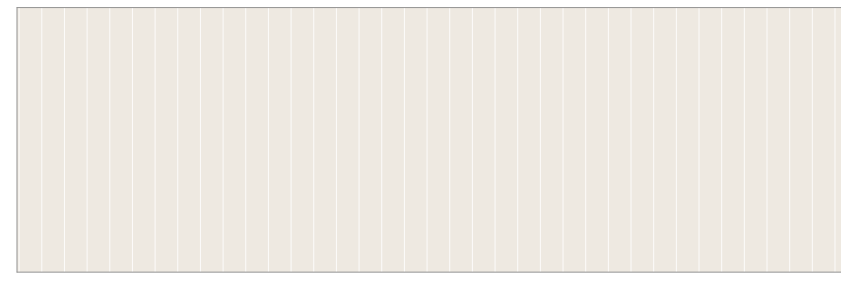
	Explication
	<i>Porcelain stoneware facade panels</i>
	<i>Patterned aluminum facade panel</i>
	<i>HPL facade panels</i>
	<i>Decorative glass panels with petroglyph patterns</i>
	<i>Curved galvanized steel profile</i>



						Art Complex in Astana city: Center for Decorative and Applied Arts			
						Diploma project			
Edit.	A.st.	Sheet	NºDoc.	Sign.	Data				
							Stage	Sheet	Sheets
Made by:		Tsay Alexandra I.					PP	13	24
Supervisor:		Samsakov B.A.							
Tech. officer:		Dyussenova D.G.				Facade 1-12			

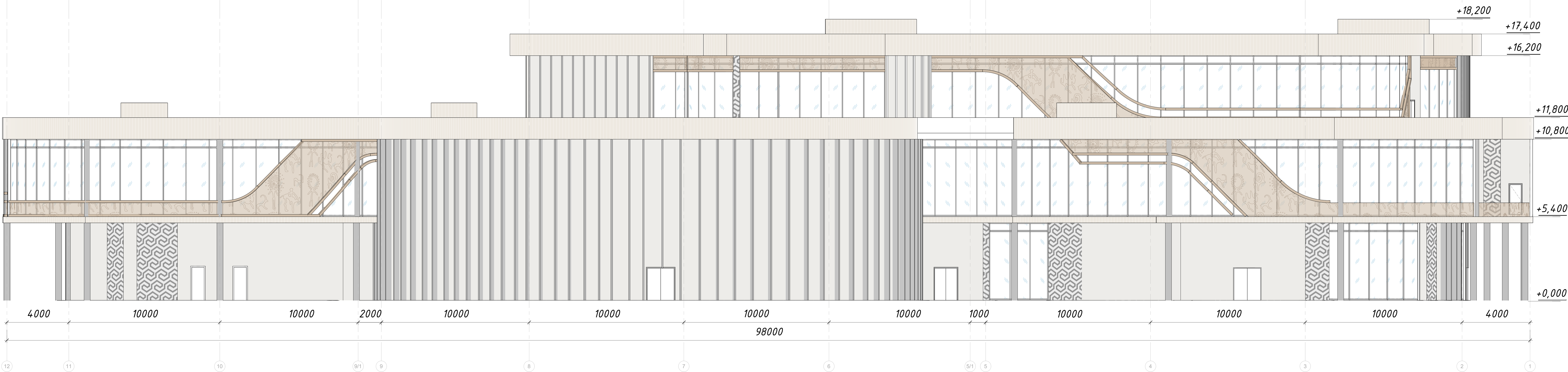
Facade A-N S 1:500

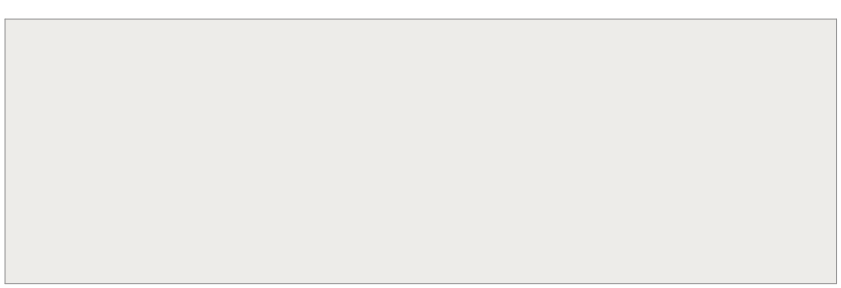
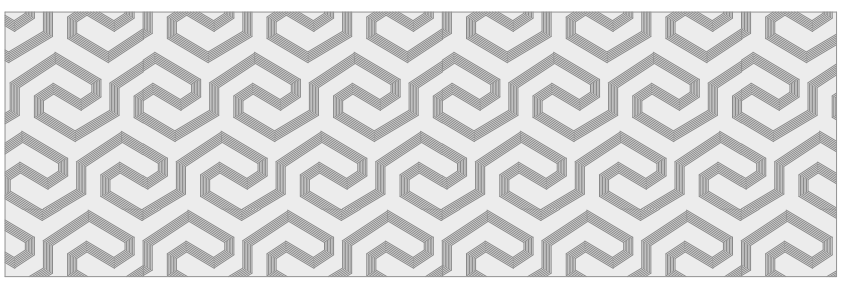
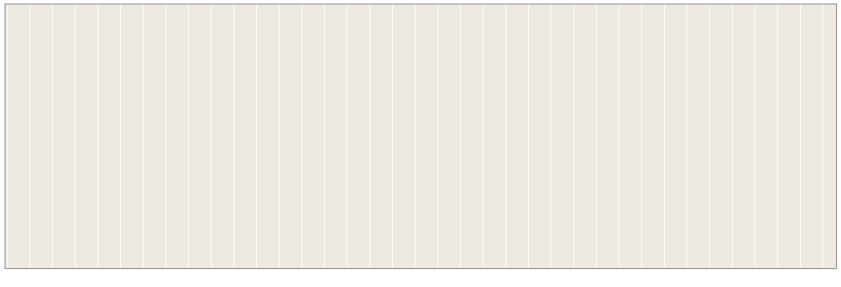


Explication	
	Porcelain stoneware facade panels
	Patterned aluminum facade panel
	HPL facade panels
	Decorative glass panels with petroglyph patterns
	Curved galvanized steel profile

						Art Complex in Astana city: Center for Decorative and Applied Arts			
						Diploma project			
Edit.	A.st.	Sheet	NºDoc.	Sign.	Data				
Made by:		Tsay Alexandra I.				Facade A-N	Stage	Sheet	Sheets
Supervisor:		Samsakov B.A.					PP	14	24
Tech. officer:		Dyussenova D.G.							

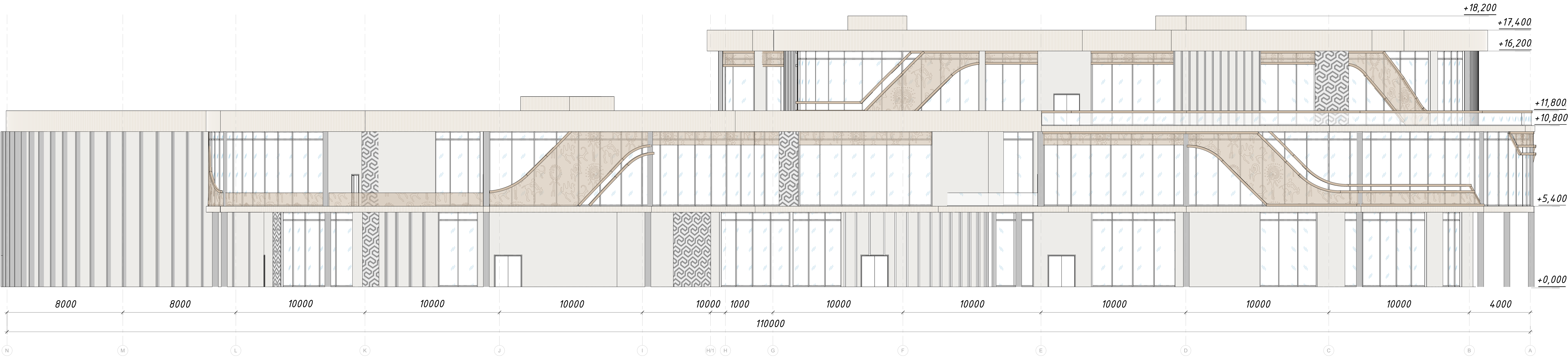
Facade 12-1 S 1:500

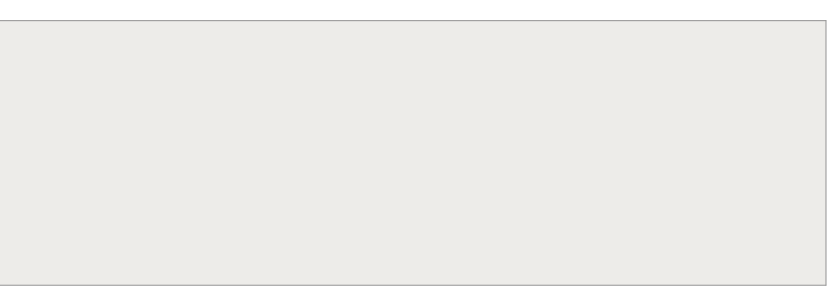
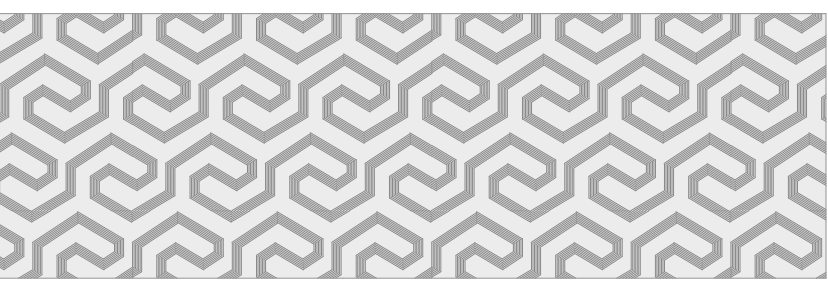
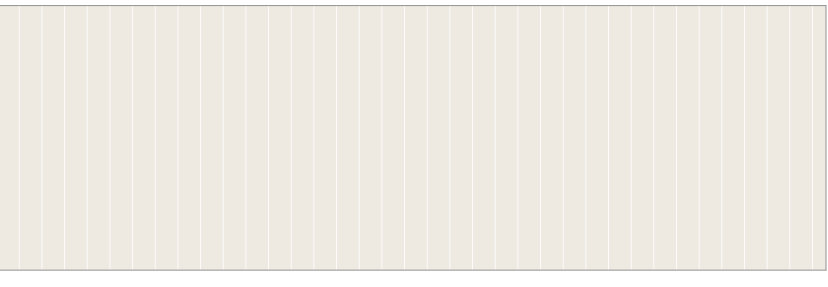


Explication	
	Porcelain stoneware facade panels
	Patterned aluminum facade panel
	HPL facade panels
	Decorative glass panels with petroglyph patterns
	Curved galvanized steel profile

						Art Complex in Astana city: Center for Decorative and Applied Arts				
						Diploma project				
Edit.	A.st.	Sheet	NºDoc.	Sign.	Data					
Made by:		Tsay Alexandra I.				Facade 12-1	Stage	Sheet	Sheets	
Supervisor:		Samsakov B.A.					PP	15	24	
Tech. officer:		Dyussenova D.G.								

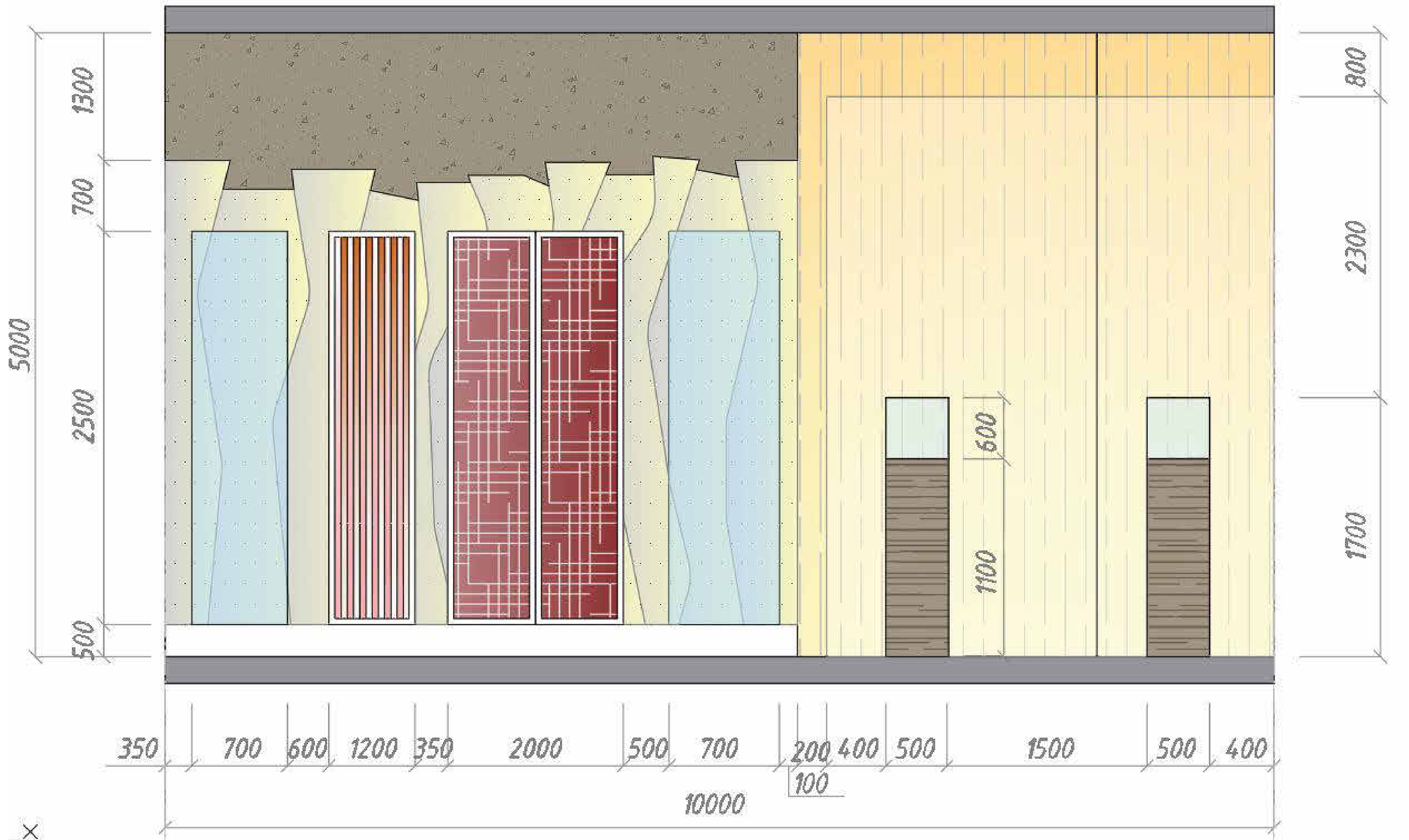
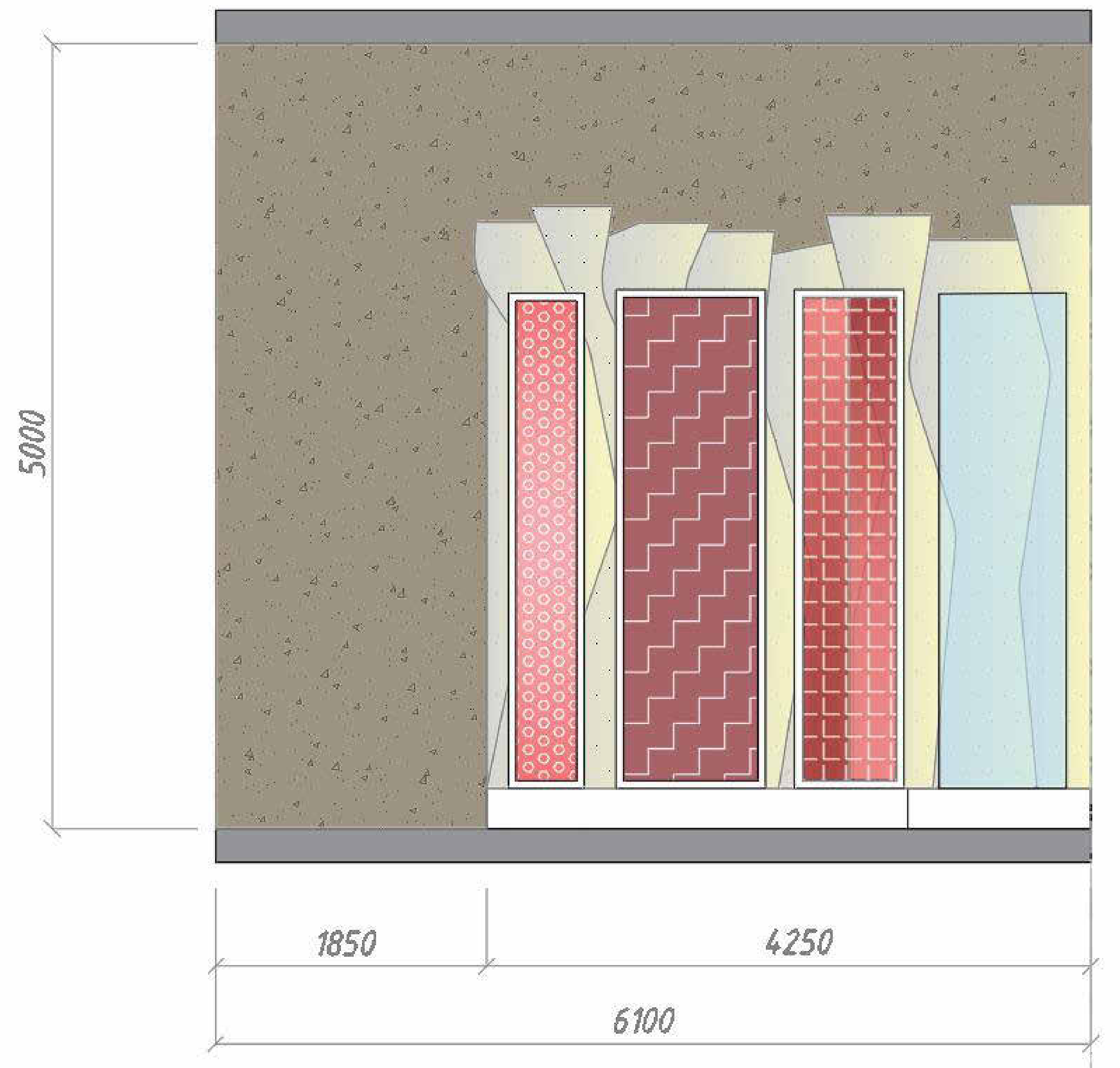
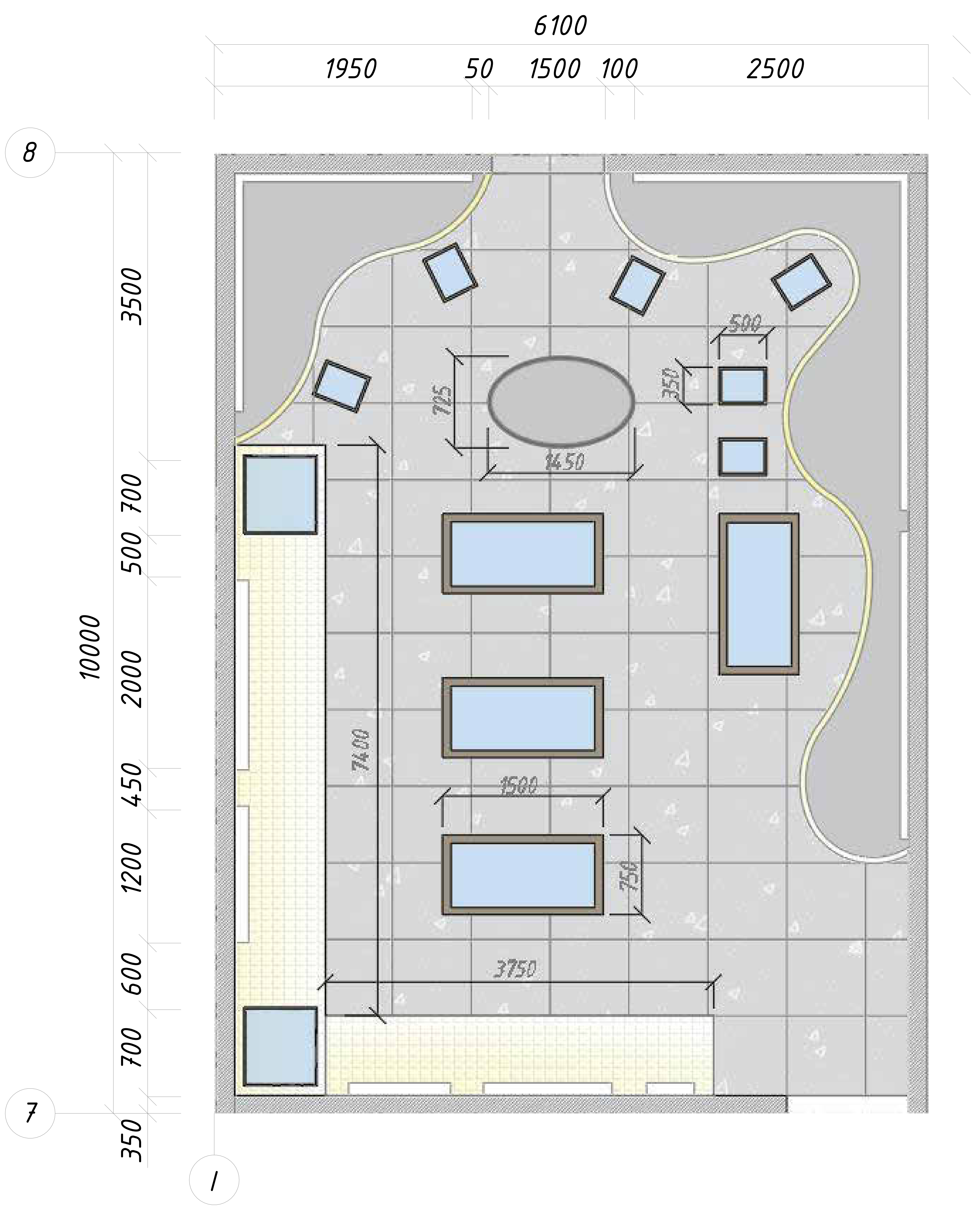
Facade N-A S 1:500



Explication	
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	Patterned aluminum facade panel
	HPL facade panels
	Decorative glass panels with petroglyph patterns
	Curved galvanized steel profile

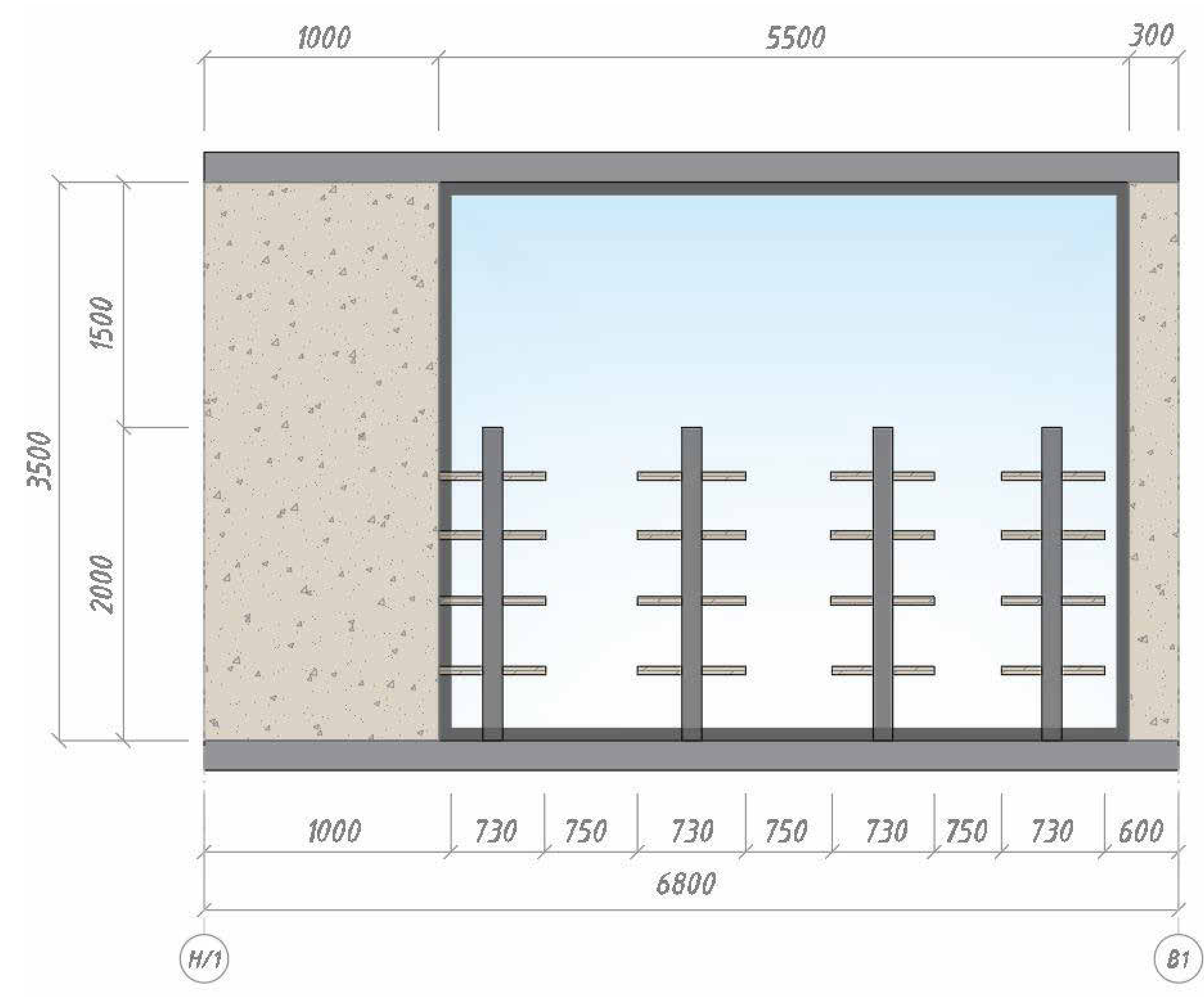
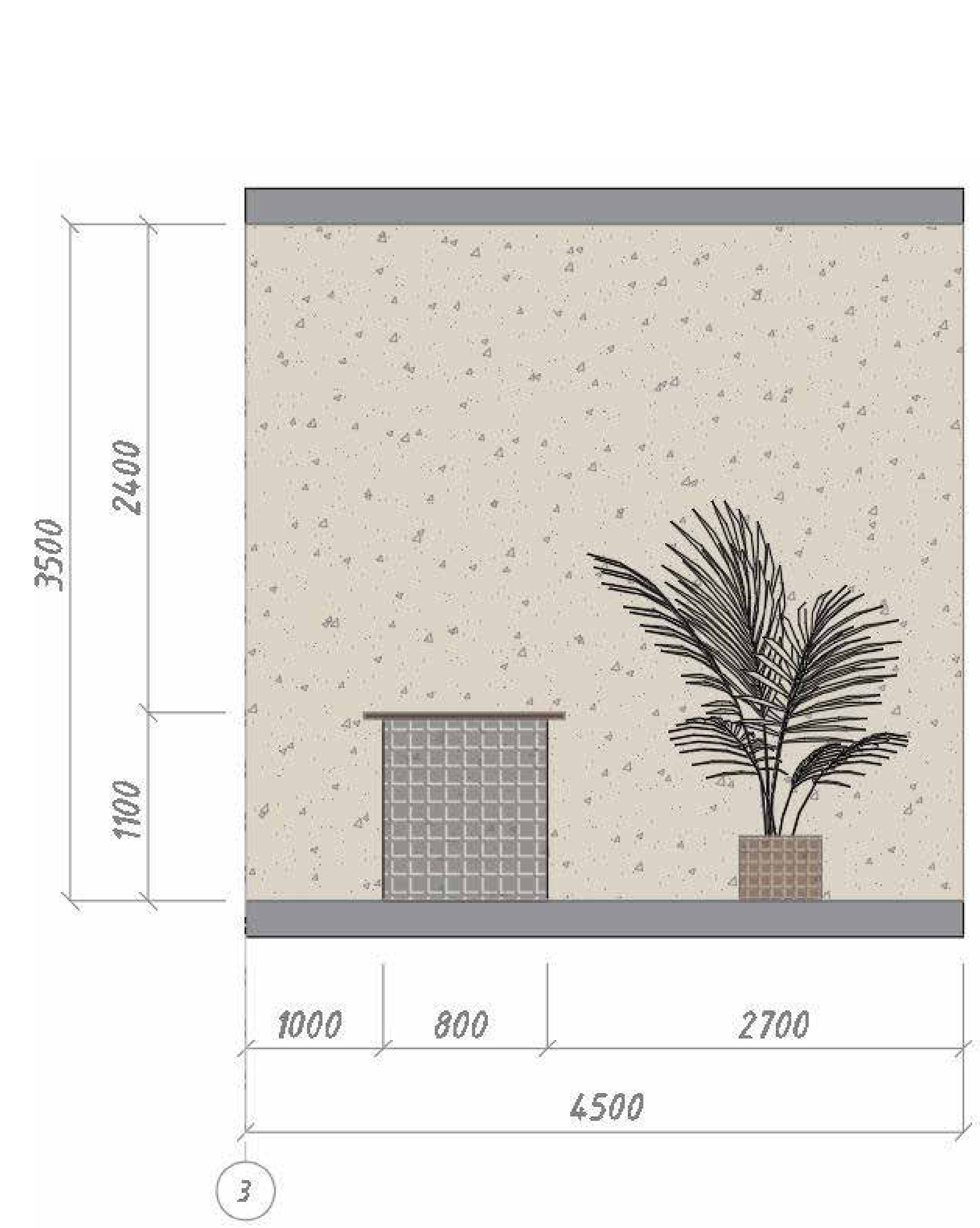
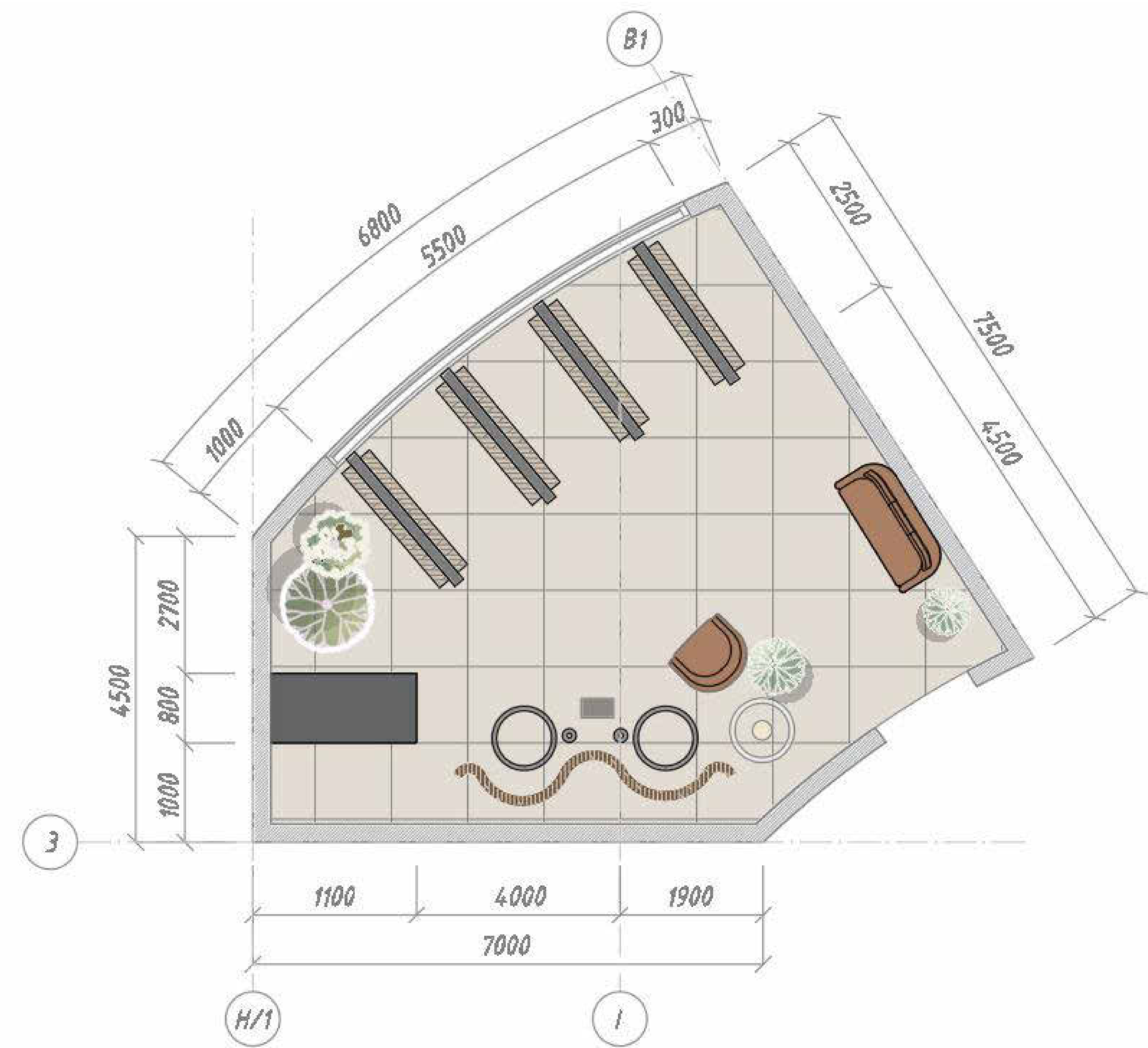
						Art Complex in Astana city: Center for Decorative and Applied Arts			
						Diploma project			
Edit.	A.st.	Sheet	NºDoc.	Sign.	Data				
Made by:		Tsay Alexandra I.				Facade N-A	Stage	Sheet	Sheets
Supervisor:		Samsakov B.A.					PP	16	24
Tech. officer:		Dyussenova D.G.							

Visualization interior 1.1



						Art Complex in Astana city: Center for Decorative and Applied Arts				
						Diploma project				
Edit.	A.st.	Sheet	NºDoc.	Sign.	Data					
								Stage	Sheet	Sheets
Made by:		Tsay Alexandra I.						PP	17	24
Supervisor:		Samsakov B.A.								
Tech. officer:		Dyussenova D.G.				Visualization interior 1.1				

Visualization interior 1.2



						Art Complex in Astana city: Center for Decorative and Applied Arts			
						Diploma project			
Edit.	A.st.	Sheet	NºDoc.	Sign.	Data		Stage	Sheet	Sheets
Made by:	Tsay Alexandra I.						PP	18	24
Supervisor:	Samsakov B.A.								
Tech. officer:	Dyussenova D.G.								
						Visualization interior 1.2			

Visualization 1.1



						Art Complex in Astana city: Center for Decorative and Applied Arts				
						Diploma project				
Edit.	A.st.	Sheet	NºDoc.	Sign.	Data					
								Stage	Sheet	Sheets
Made by:		Tsay Alexandra I.						PP	20	24
Supervisor:		Samsakov B.A.								
Tech. officer:		Dyussenova D.G.				Visualization 1.1				

Visualization 1.2



						Art Complex in Astana city: Center for Decorative and Applied Arts			
						Diploma project			
Edit.	A.st.	Sheet	NºDoc.	Sign.	Data				
							Stage	Sheet	Sheets
Made by:		Tsay Alexandra I.					PP	21	24
Supervisor:		Samsakov B.A.							
Tech. officer:		Dyussenova D.G.				Visualization 1.2			

Visualization 1.4



						Art Complex in Astana city: Center for Decorative and Applied Arts			
						Diploma project			
<i>Edit.</i>	<i>A.st.</i>	<i>Sheet</i>	<i>NºDoc.</i>	<i>Sign.</i>	<i>Data</i>				
							<i>Stage</i>	<i>Sheet</i>	<i>Sheets</i>
<i>Made by:</i>		<i>Tsay Alexandra I.</i>					<i>PP</i>	<i>23</i>	<i>24</i>
<i>Supervisor:</i>		<i>Samsakov B.A.</i>							
<i>Tech. officer:</i>		<i>Dyussenova D.G.</i>							
						Visualization 1.4			