

Development of a Bathing
Beach in the Vicinity
of
Beirut

by

Mohammed Lutfi Ramadan

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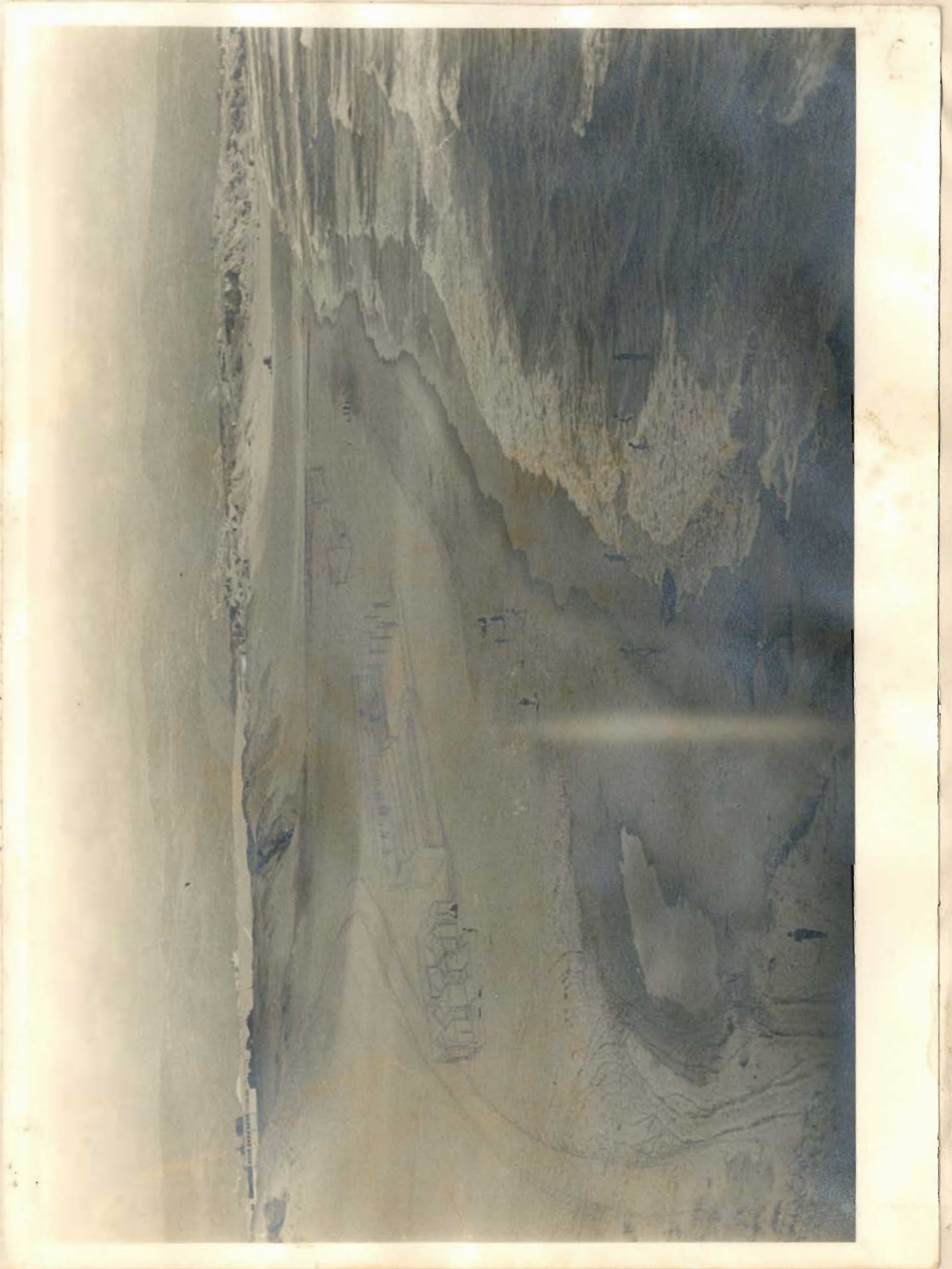
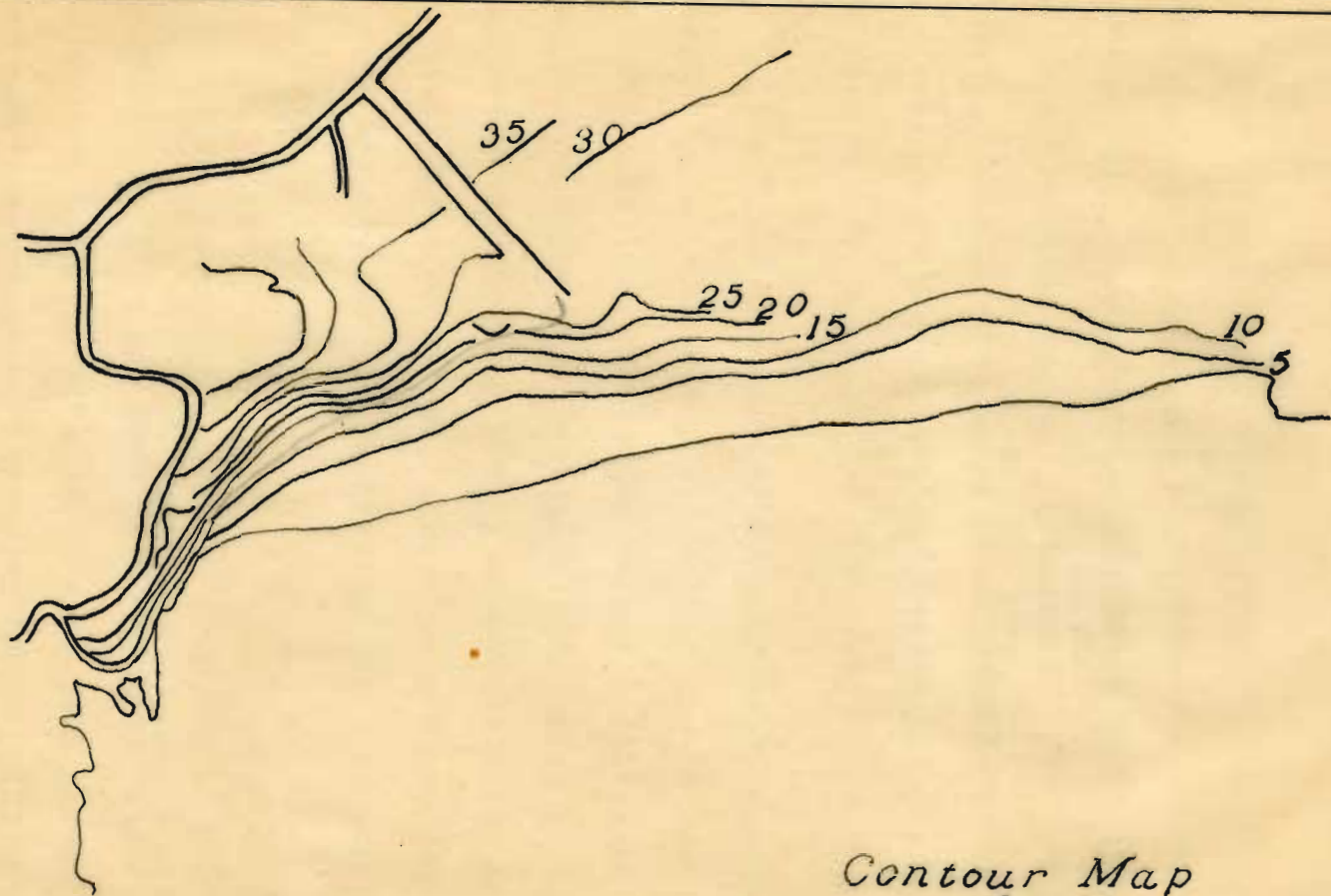


Fig. 1



Contour Map
of the
Sandy Beach
Scale 1:100000



Development of a Bathing Beach

in the vicinity of Beirut.

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The idea of sport is spreading in every direction. Every person is doing his best to have a healthy and strong body. During winter the sport facilities are concentrated on the football, basketball, and volley ball fields. Sometimes we attend some matches of tennis when the weather is convenient, and during all the year long, we have one or two days for track and field games.

So a limited number of persons are improving their health during winter and the others are in more or less static condition. In Spring we see people spreading along the shores where they have plenty of space to play and to improve their health. During summer, a short visit to the bathing places of Beirut, shows how crowded and insufficient they are for the increasing needs of the population for this kind of sport.

On the other hand, Lebanon is the best place where the vacationists from the Near East may spend their summer, and so we have to prepare for them some good places where they may feel happy and gay and spend their money with pleasure.

If we build somewhere in the vicinity of Beirut a winter swimming pool with all the necessary facilities, we would give to the population a new kind of winter sport and so no one will be obliged by nature to stop swimming for at least four months every year. With this winter swimming

pool we may develop a bathing beach and a casino where people may pass the long and hot days of summer and a part of their nights too.

Selection of the Sandy Beach

A - Advantages:

1 - It is near Beirut. There are good roads which lead to this spot from the different parts of the city.

2 - On the north side of the beach there is a rocky region; on the east side there is a sandy beach which is sufficiently large and pretty long.

3 - The road of Souk-el-Gharb - Chouayfat leads to the spot without passing through Beirut.

4 - It has a beautiful panorama, so one may admire nature and feel when he is there that he is far from the city while he is near it.

B - Disadvantages:

1 - There are water currents and one has to take into consideration this fact and try to overcome this difficulty.

2 - Perhaps another city will be built on the southern part of Beirut (near Aouza'i) and which may provide good places for swimming.

3 - On the southern part of the beach there is the terminal of a certain sewage system.



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

Description of the place

The contour map gives us a general idea of the locality.

Figs (2, 3, 4, 5, 6,) have been taken from the shore while moving in the southern direction and always taking them in the eastern direction.

Fig. (2) is important because it shows us the northern part of the beach where the sandy region finishes and the rocky one begins. There is a steep hill (we see some boys on the fig. climbing it). It is important to notice that carts which take white sand from the beach follow one way road. They come down the beach along this hilly part and they go out of it along the road which leads to the beach. So if the designer would like to reduce to minimum the length of the road on the expense of the slope, he may use it on condition that it may be the entrance and the existing road will be the exit.

Figs 3 & 4 give us an idea of the slope of the ground.

Fig. 5 shows the place where the road which we have to build meets the existing road of the barracks.

Fig. 6 shows us one of the disadvantages which have to be eliminated before thinking of the project.

At the right part of the figure there is a cascade not of pure and limpid water but of water coming from the sewers of the barracks. When this place is developed it will not be difficult to require the concerned authorities to relay their sewers in a manner that will not be harmful

to the neighbourhood.

- I - ...
- II - ...
- III - ...
- IV - ...
- V - ...

Outline of the problem

These are the different parts of the problem and they will be discussed in detail later:

- I - a. A road
 - b. Parking places for cars and buss stops
- II - A casino and its different parts (restaurant, kitchen, living place, dancing hall, etc. ...)
- III - Swimming pools
- IV - Cabines of different types
- V - Small pavilions

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Fig. 7



Fig. 8

I - a. Road: In order to provide comfort and to reduce the question of accidents to minimum one way road, 10 m. wide, will be chosen. The main entrance to the beach will be from the road which is at its northern side, on the rocky region, and then turns eastwards to the sandy beach. This road appears clearly in fig. 7.

The entrance to the beach is shown clearly in fig. 8. It is not in good condition today but it may be repaired.

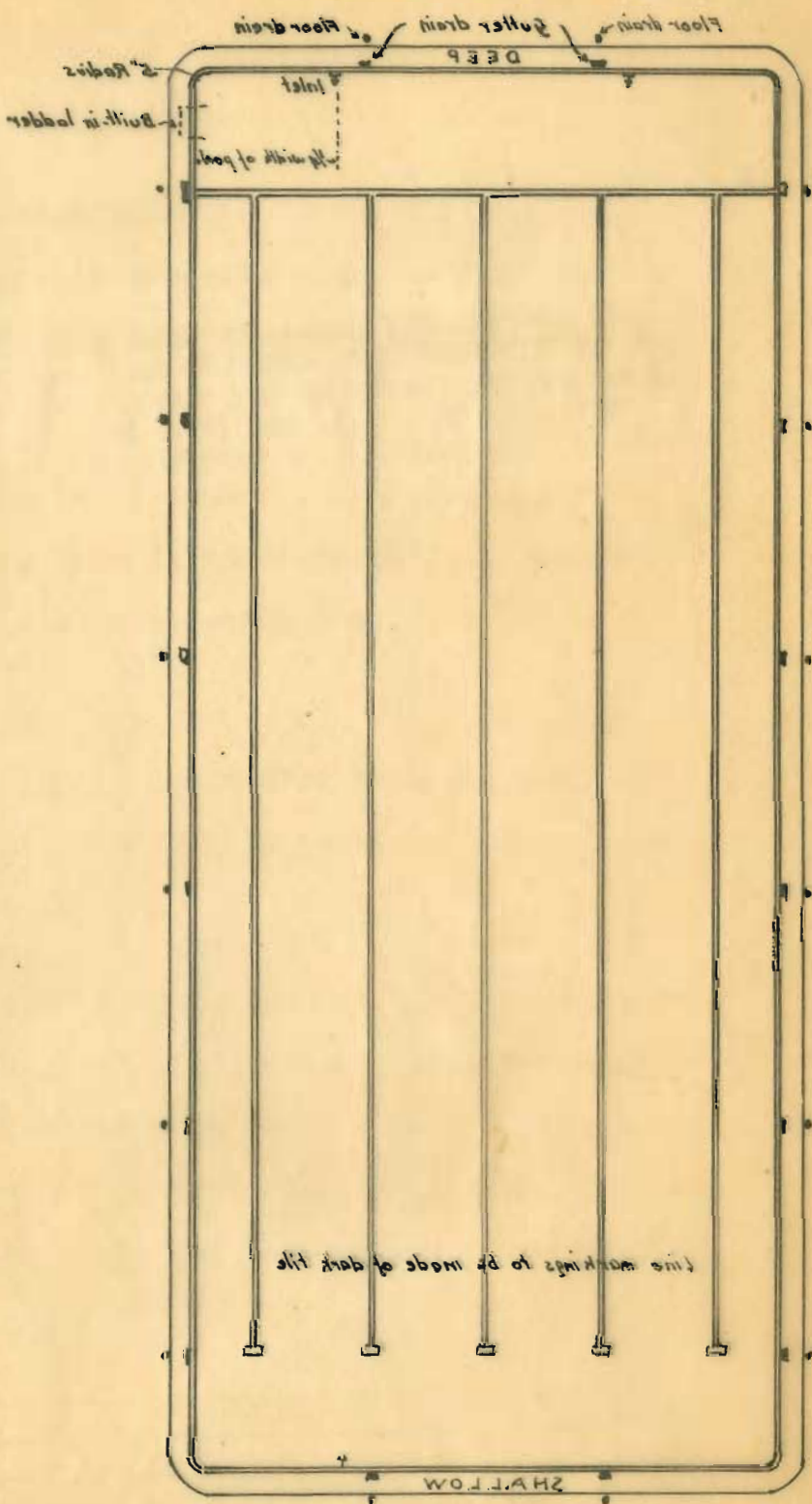
On the eastern part of the beach, on the hilly side, there are some barracks, with a large road leading to the district of St. Elie (The white and big buildings on the left part of fig. 1 are the barracks.) Our road is going to join the entrance described above to this road of the barracks. It is shown in details on the contour map of the region.

b. Parking places for cars and buss stops: The parking places of the small cars are in front of the buildings, on each side of the main entrance. In between the two buildings there is a good space for a buss station and also for the small cars.

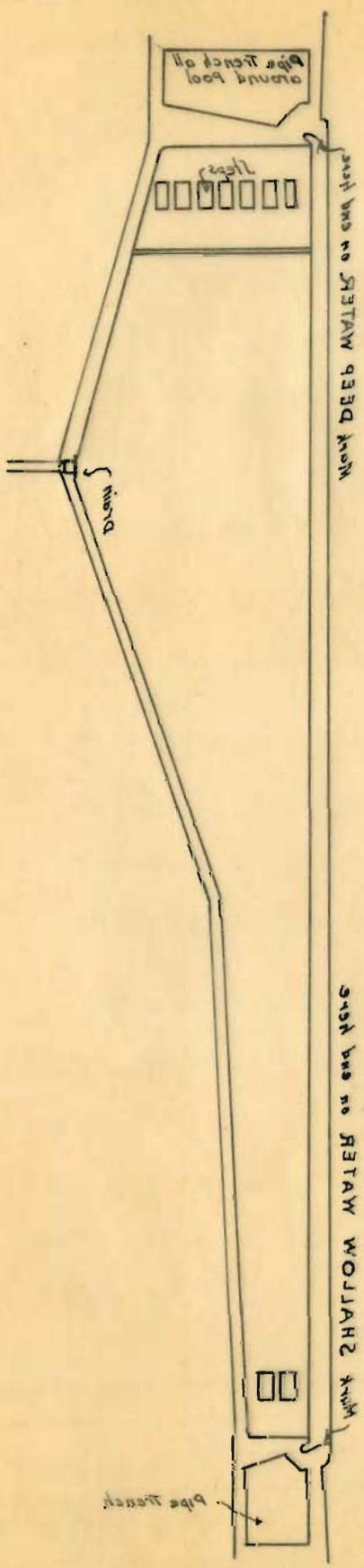
II - The Casino and its different parts: The casino has an entrance completely independent of that of the swimming pools. The casino and its restaurant have to serve the swimming people as well as their own customers. A certain boundary will be chosen beyond which persons in their swimming suits will not pass and the same for those who have their clothes on.

POOL SHOWING MARKINGS AND PLUMBING

PLAN



SECTION



The casino has a nice look on the winter swimming pool and another on the sandy beach.

The kitchen has an independent entrance. At the same time it has another door which leads to the casino.

There is another independent entrance for the staff and performers. There is a dressing room for men, another one for ladies and a salon where they may receive their friends.

During the hot nights of summer the casino may move to the open air. There is a terrace specially arranged for that purpose near the summer swimming pool.

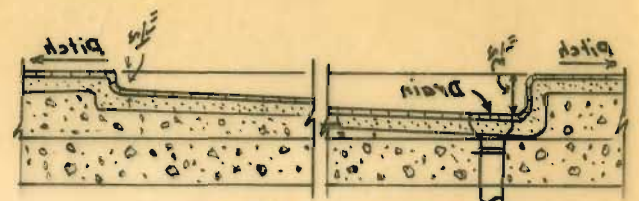
III - Swimming Pools:

a. Closed Swimming Pool: The winter swimming pool is 25 m x 12.5 m. It is made specially to serve the purpose of swimming during winter.

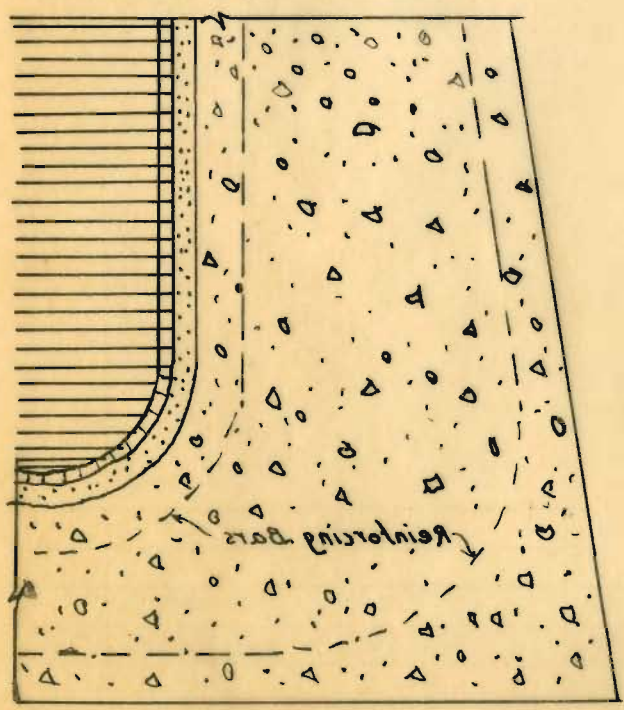
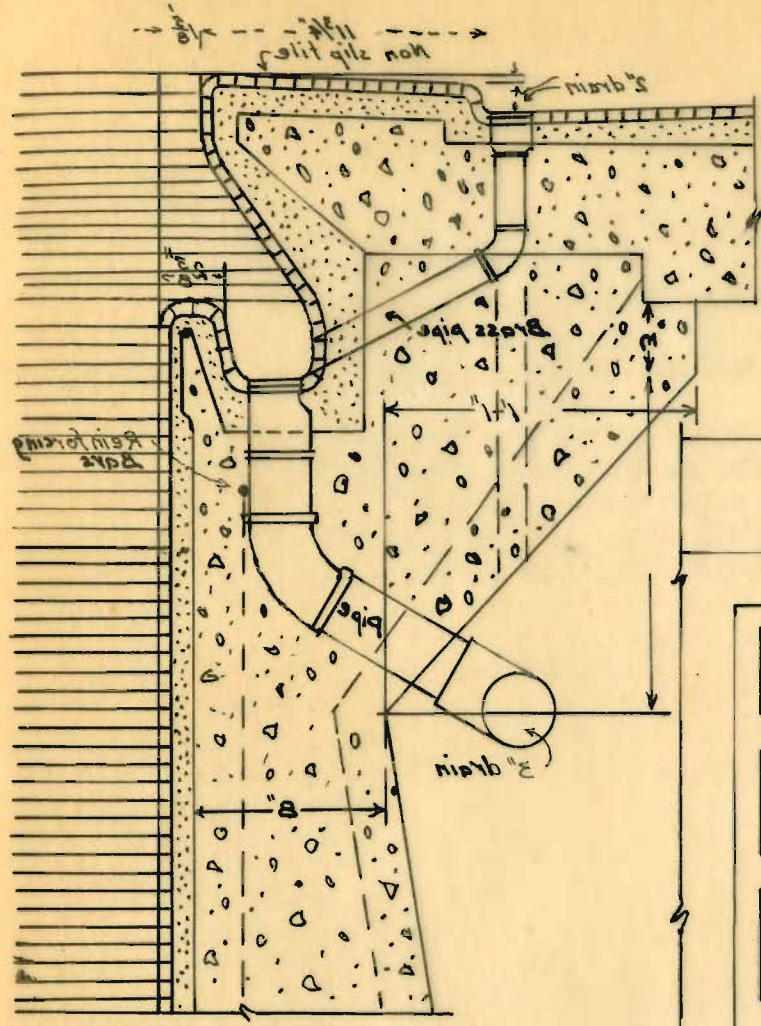
The access is gained through two doors. The first one, leading directly to the pool, is used only when ceremonies are taking place or when the pool forms a part of the casino. The second door leads directly to the cabins. A person changes his clothes there and then he goes down to the pool.

A gymnasium is built on the northern side of the pool.

b. Open air swimming pool: It has olympic dimensions 50 m x ¹⁵~~25~~ m. It is to be used during all the year. As it is large and its water is always calm the swimmer does not worry before coming to the sandy beach if the sea is rough

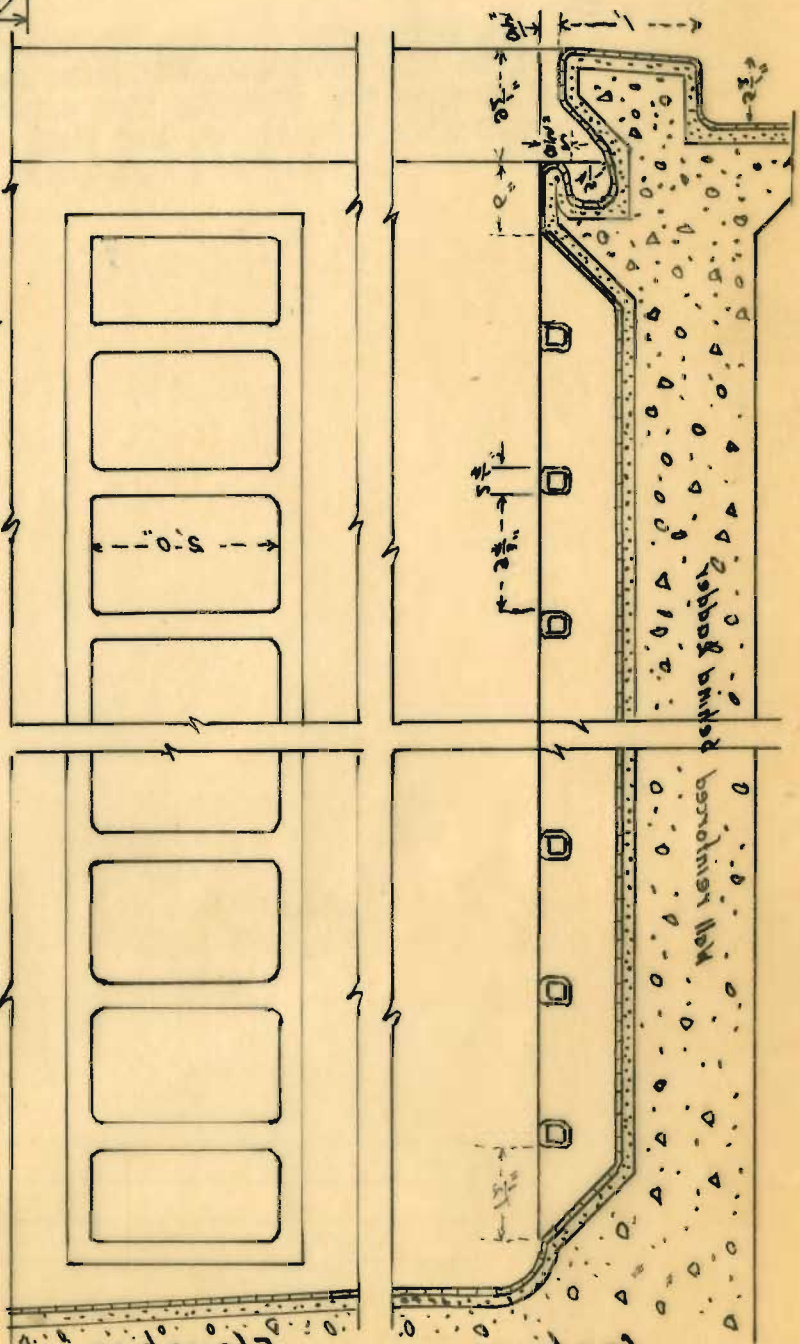


FOOT BATH
FOR SWIMMING POOL ENTRIES



POOL SECTION

1/2" = 1'



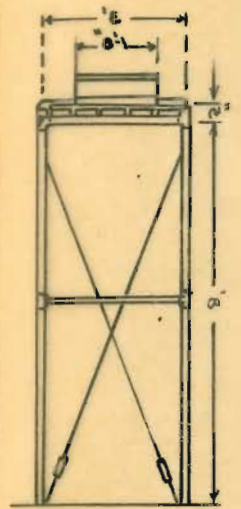
SWIMMING POOL STEPS

3/4" = 1'

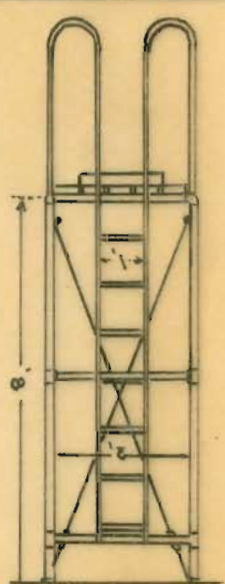
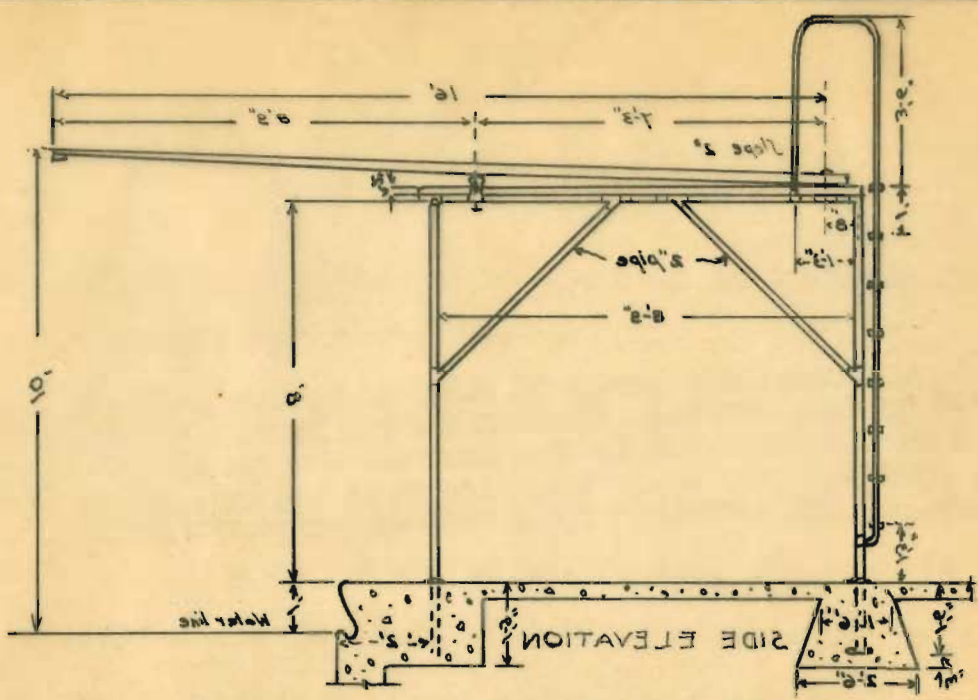
or not. He is always sure of finding a proper place where he can swim.

Detail drawings of the pool are shown on the opposite page.

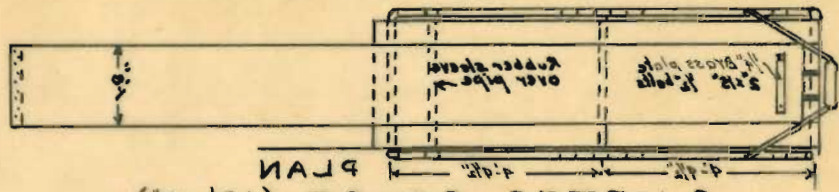
A grand stand is built for spectators. No more than twelve persons will sit on the same bench in order to facilitate circulation.



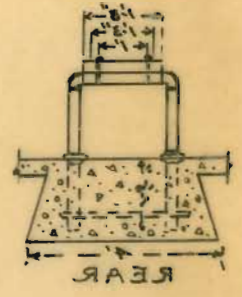
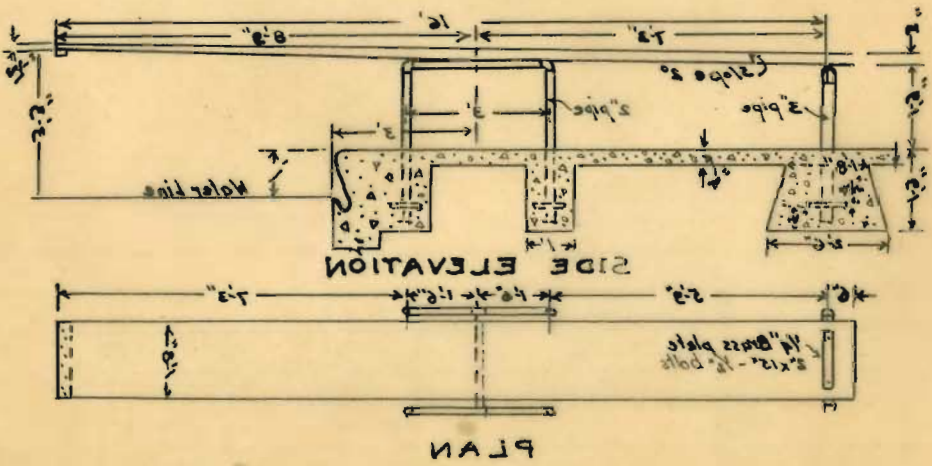
FRONT of STAND



REAR of STAND



3 METER BOARD (10'-0")



REAR

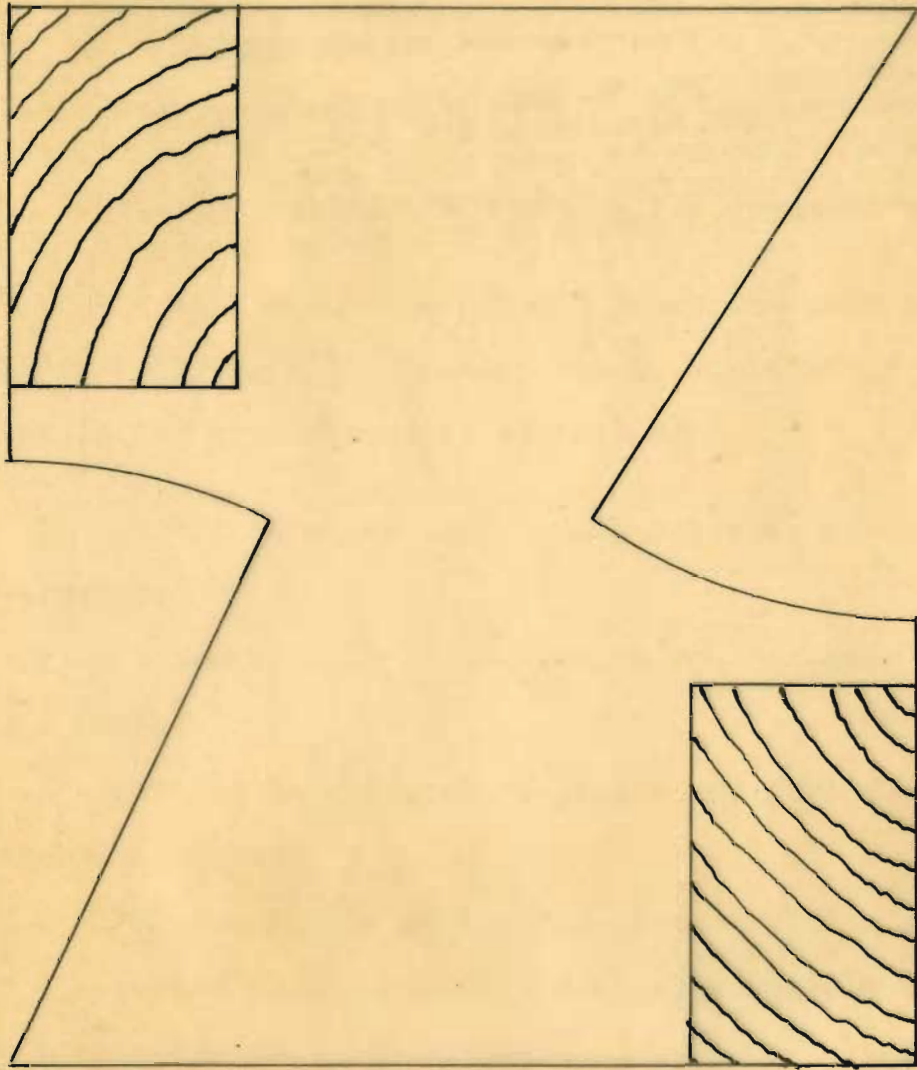
1 METER BOARD (3'-3")

Spring Boards: Two kinds of boards are going to be used:

1 st - 3 Meter Board (10'-0"): The height of the board above the water line is 10'. The minimum depth of water needed is 12'. So it is used on the 50 m pool where the depth is more than 12'. It will be built on the western side of the open air swimming pool.

2 nd - 1 Meter Board (3'-3"): The minimum depth of water needed is 8'. One is installed on the deep side of the 25 m closed pool where the depth is 9' and another on the deep side of the 50 m open air pool where the depth is 10'.

Detail drawings are shown on the opposite page.



A CABIN

Scale 1:10

IV - Cabins: A special system is used in order not to permit by any means a person with his clothes on to meet a person in the swimming suits.

One way circulation will be used. A person goes into his cabin by a door and leaves it by another one which leads to the pools or to the sandy beach.

A cabin has to contain two benches, a mirror and a cloth rack.

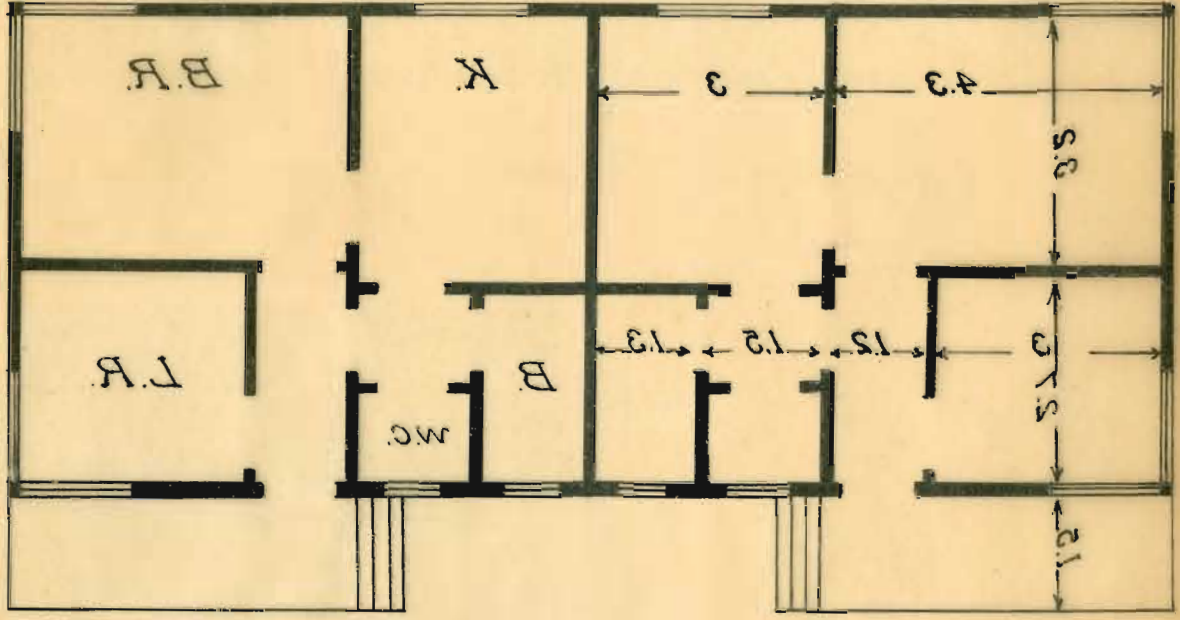
Detail drawings are shown on the opposite page.

The cabins which are built above the casino are not sufficient for all the sandy beach. A building is erected specially for cabins. It contains:

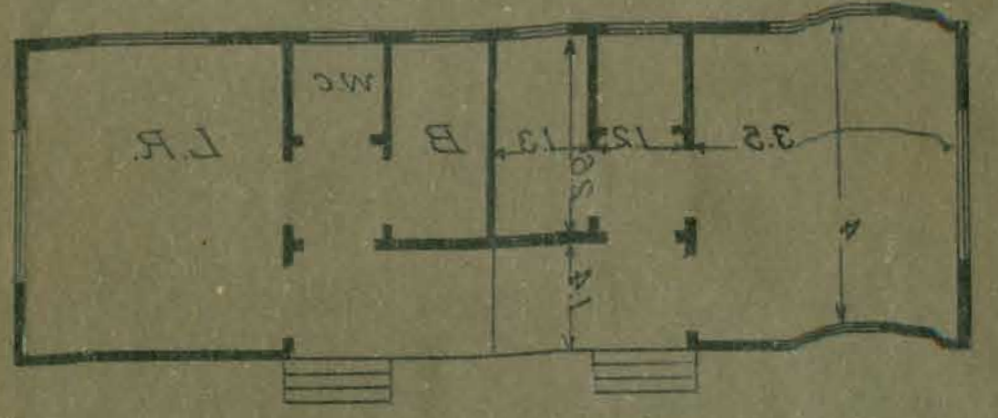
- 1 - An office where persons may register and put their valuables.
- 2 - An administration room where the director may have his office.
- 3 - A first aid room where people may find some help for emergency cases.
- 4 - Private cabins as those described above.
- 5 - Locker rooms which are used as reserve when there is a strong demand.

There are two locker rooms, one for ladies and another for gentlemen. There are rows of lockers and in between long wooden benches. Showers are placed in these rooms along one of the walls.

N.B.: In case the capital used for the erection of this project is not sufficient for all the buildings, this building may be erected afterwards without endangering the prospects of the project.



Small Pavilions
 Dimensions in
 m.
 Scale 1:100



V - Small Pavilions: Some families like to pass a part of the summer or few days at the sandy beach. Two kinds of pavilions are going to be erected:

1 - A pavilion composed of a room, a bathroom and a W.C.

2 - A pavilion composed of a bed room, a living room, a kitchen, a bathroom and a W.C.

The designer prefers to increase the number of the first group and to have few of the second group.

Detail drawings are shown on the opposite page.



Plans for the Future

1 - Near future: The rocky region on the northern part of the beach has to be developed. It may be used at the beginning as it is, but it has to be improved later on.

In this region there is a small rock in the sea known by the name of Al-Burnaytah (the hat). Between this rock and the rocky shore there is a spring of cold water in the sea. One may enjoy swimming there because it is unic in its type.

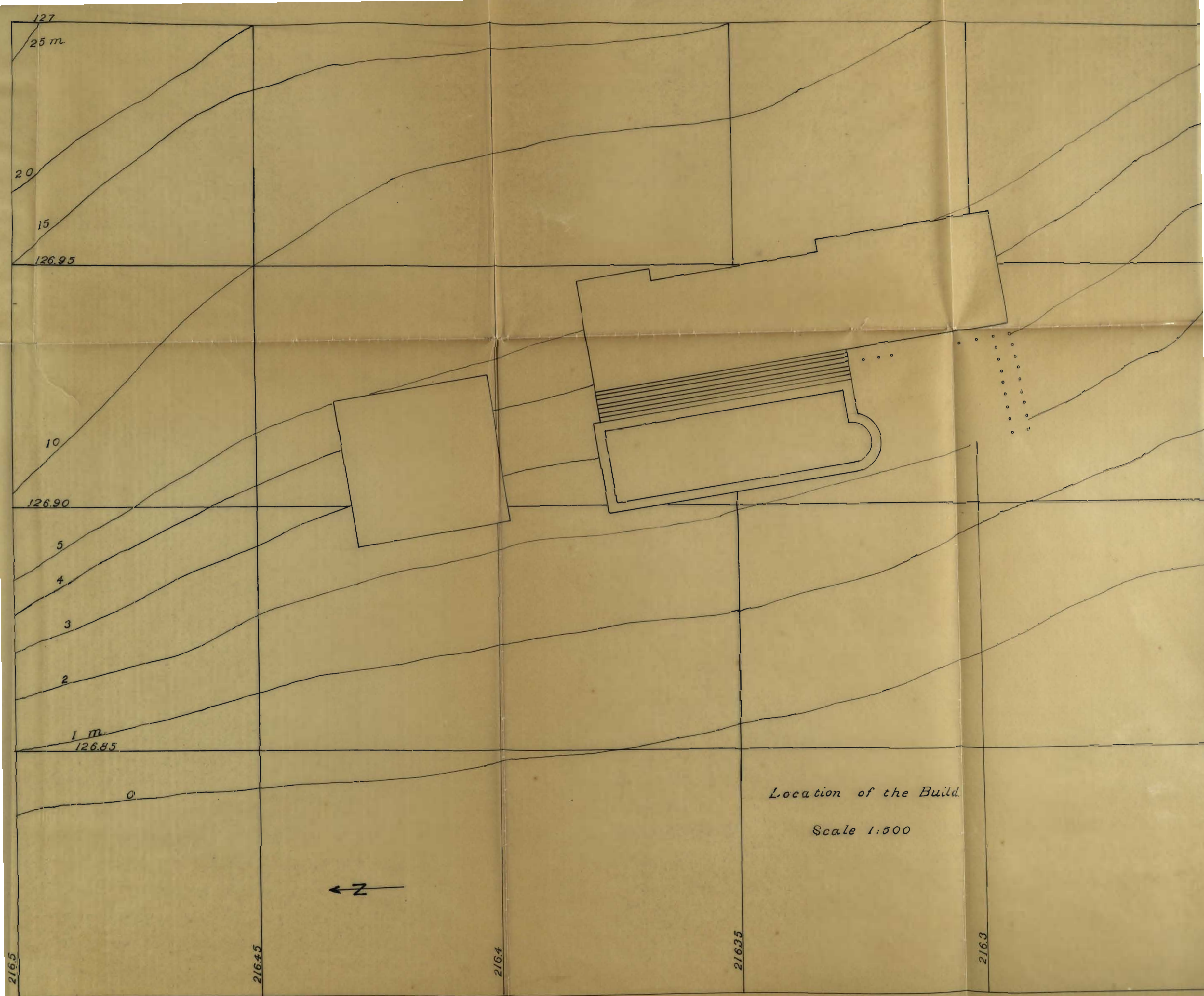
Just under the road leading to the sandy beach there is another spring of cold and fresh water. One may use it for the project.

A tennis court may be arranged on the roof of the casino.

2 - Far future: The sandy beach has plenty of space. All kinds of sports may be developed. Place for riding horses may be arranged, and a golf course can be built to interest the inhabitants of Beirut in this interesting game.

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127

25 m

20

15

126.95

10

126.90

5

4

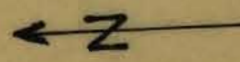
3

2

1 m.

126.85

0



Location of the Build.

Scale 1:500

216.5

216.45

216.4

216.35

216.3

