

المحتوى:

- تحليل برنامج المشروع
- معايير تصميمية
- دراسة الموقع
- أمثلة مشابهة
- المراجع

تحليل برنامج المشروع

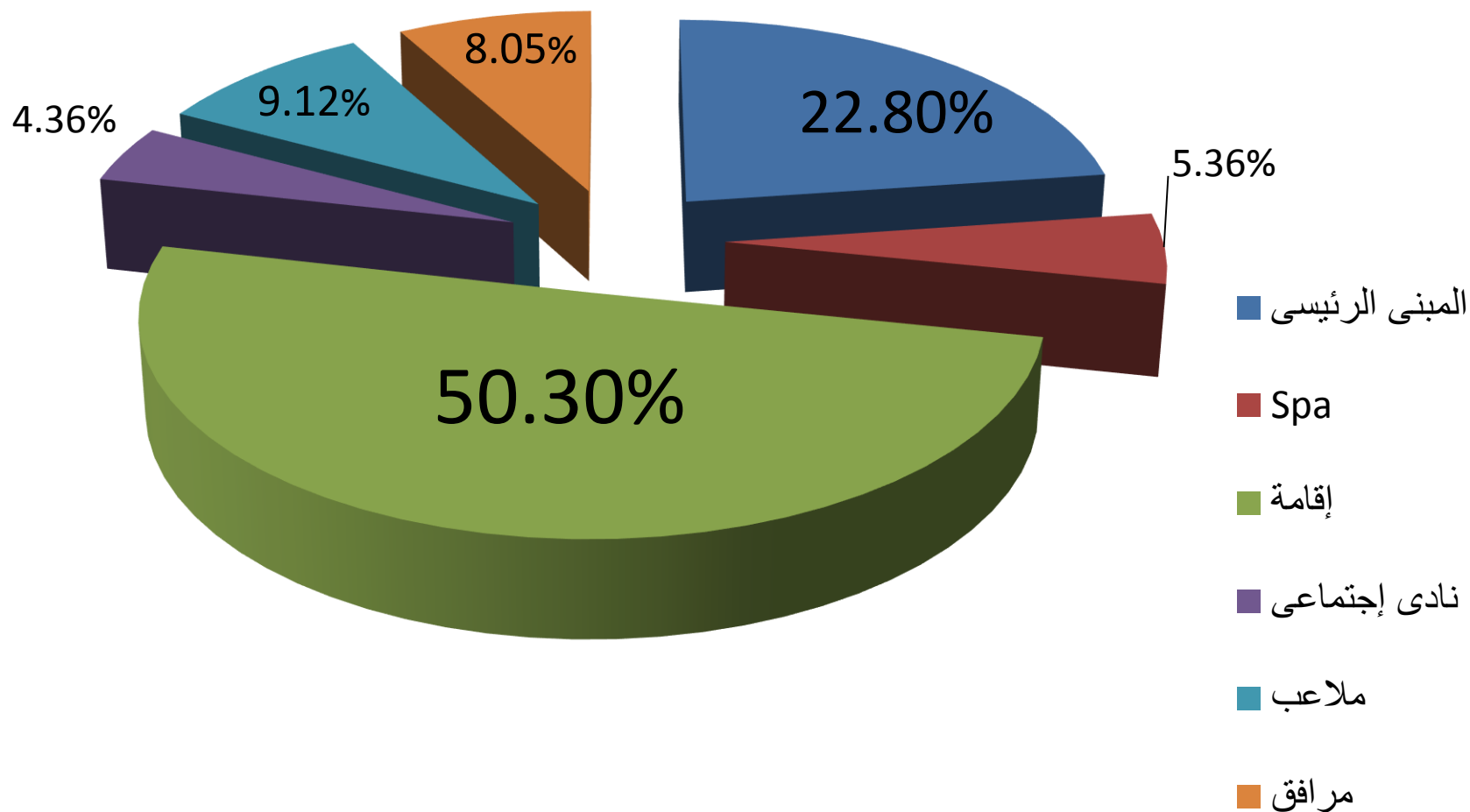
WBS (Work breakdown structure)

عناصر المشروع:



PIE CHART

نسب الإستعمالات



MATRIX

عناصر المشروع:

1- المبنى الرئيسي	●
2- الإقامة	●
3- Spa	●
4- مناطق مفتوحة	○
5- نادي اجتماعي	●
6- ملاعب رياضية	○
7- مرافق عامة	○

● مباشر
● نصف مباشر
○ غير مباشر

عناصر المشروع:

المبنى الرئيسي

الاقامة

Spa

مناطق مفتوحة

نادي اجتماعي

ملاعب رياضية

مرافق عامة

مدخل
واستقبال

عناصر
خدمية

ادارة

مدخل

محلات

بنك

استقبال

كشف و فحص

قاعة متعددة الأغراض

مطاعم

مطبخ

منطقة العاملين

غرف ادارة

استعلامات

مدير

سكرتارية

غرف اجتماعات

دورات مياه

مدخل عاملين

مباشر ●

نصف مباشر ◐

غير مباشر ○

عناصر المشروع:

المبنى الرئيسي

الاقامة

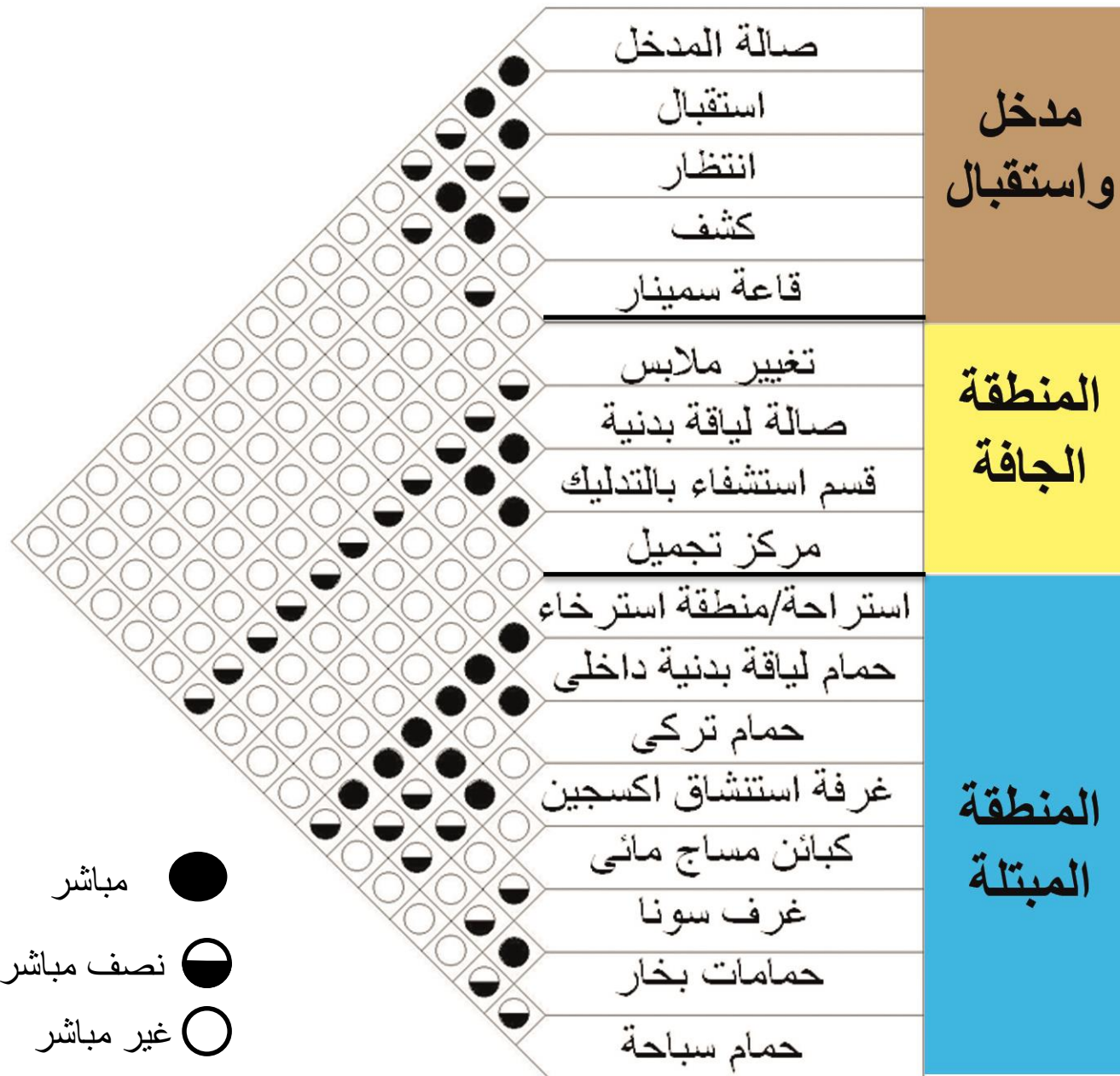
Spa

مناطق مفتوحة

نادي اجتماعي

ملاعب رياضية

مرافق عامة



عناصر المشروع:

المبنى الرئيسي

الاقامة

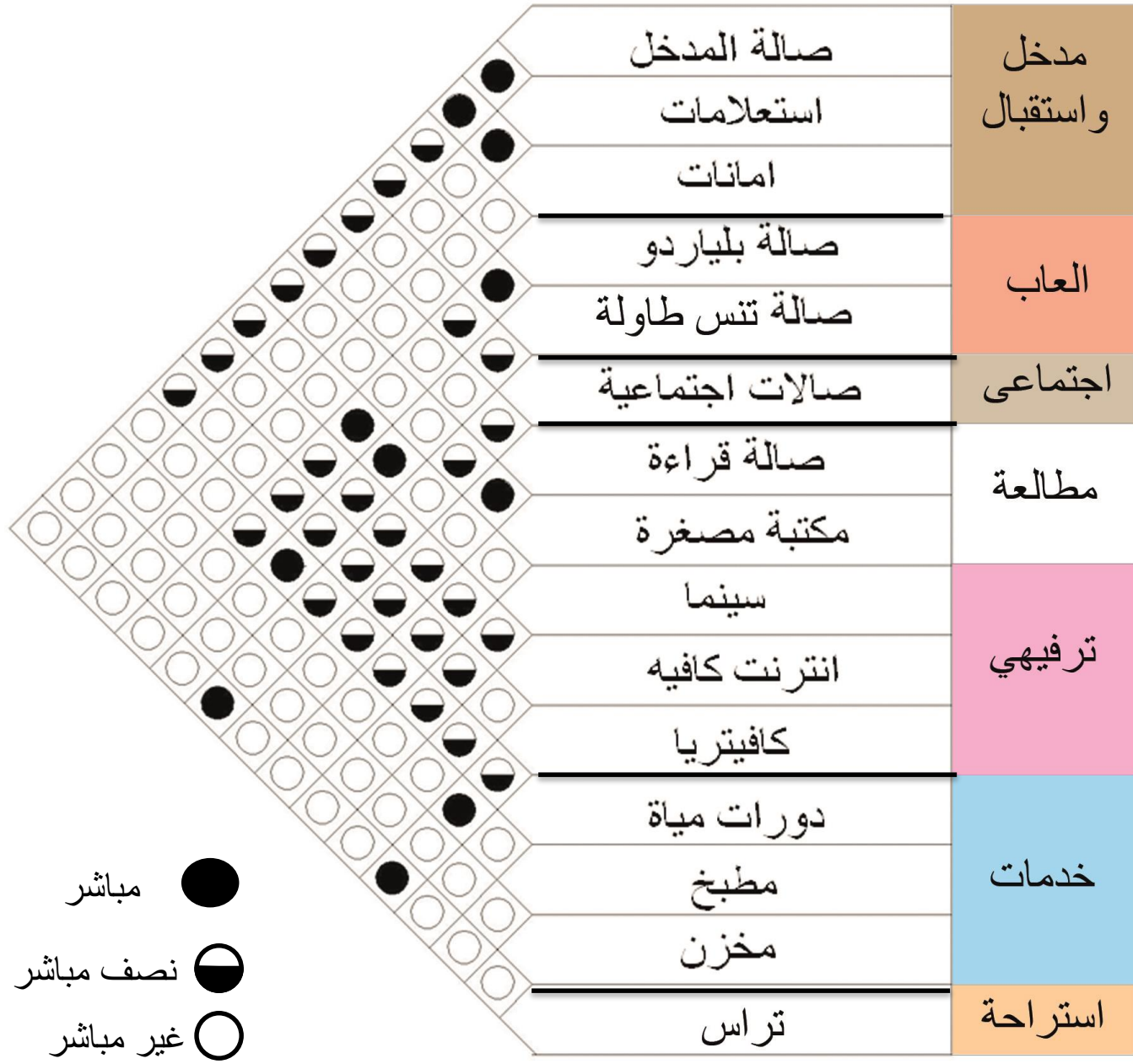
Spa

مناطق مفتوحة

نادي اجتماعي

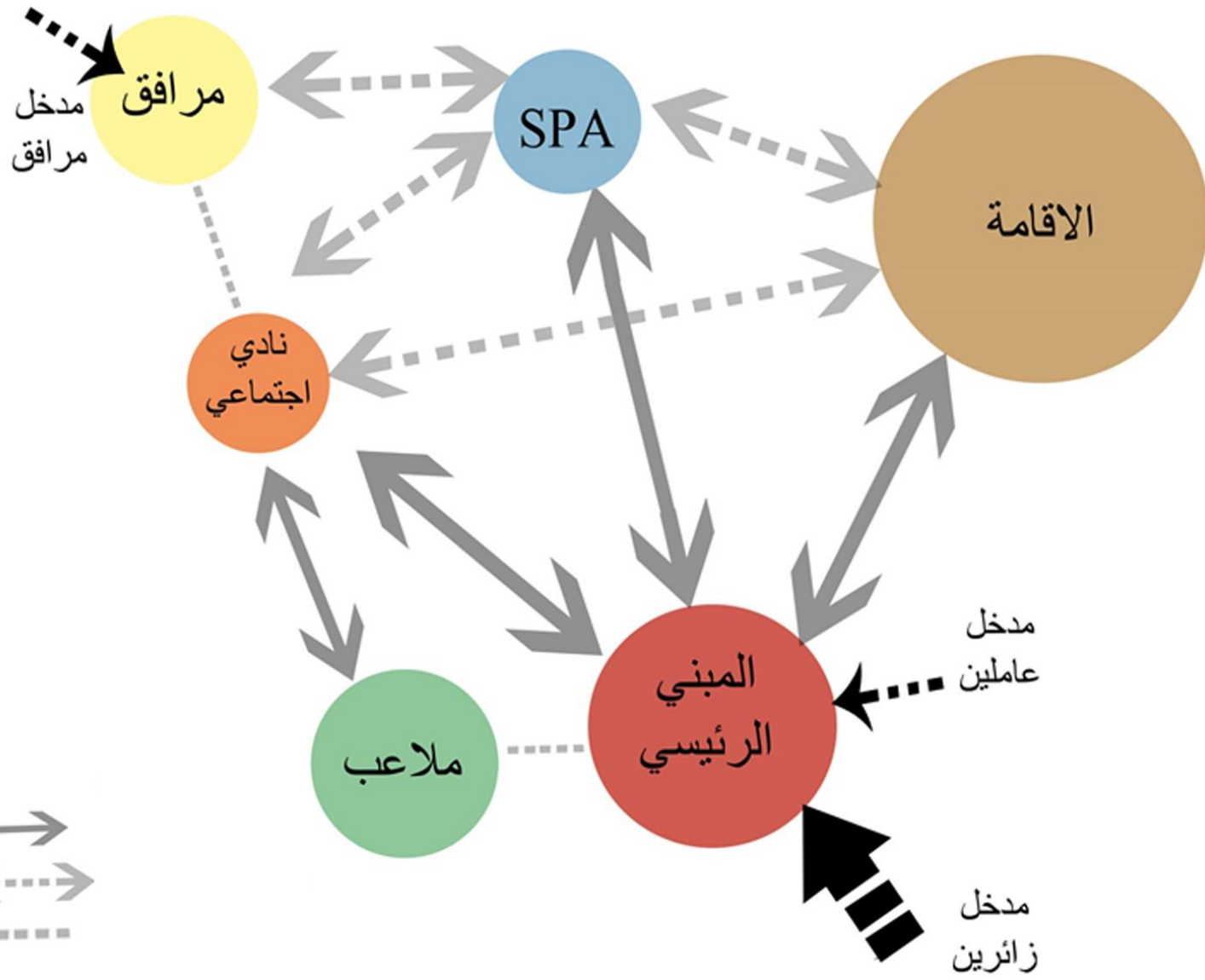
ملاعب رياضية

مرافق عامة



BUBBLE DIAGRAM

عناصر المشروع:



عناصر المشروع:

المبنى الرئيسي

الإقامة

Spa

مناطق مفتوحة

نادي اجتماعي

ملاعب رياضية

مرافق عامة

الإقامة

7500 م²

50.30%

غرف فندقية
40 م

شاليهات 60 م

شاليهات 40 م

مباشرة ↔
نصف مباشرة ↔
غير مباشر
مباشرة

عناصر المشروع:

المبنى الرئيسي

الاقامة

Spa

مناطق مفتوحة

نادي اجتماعي

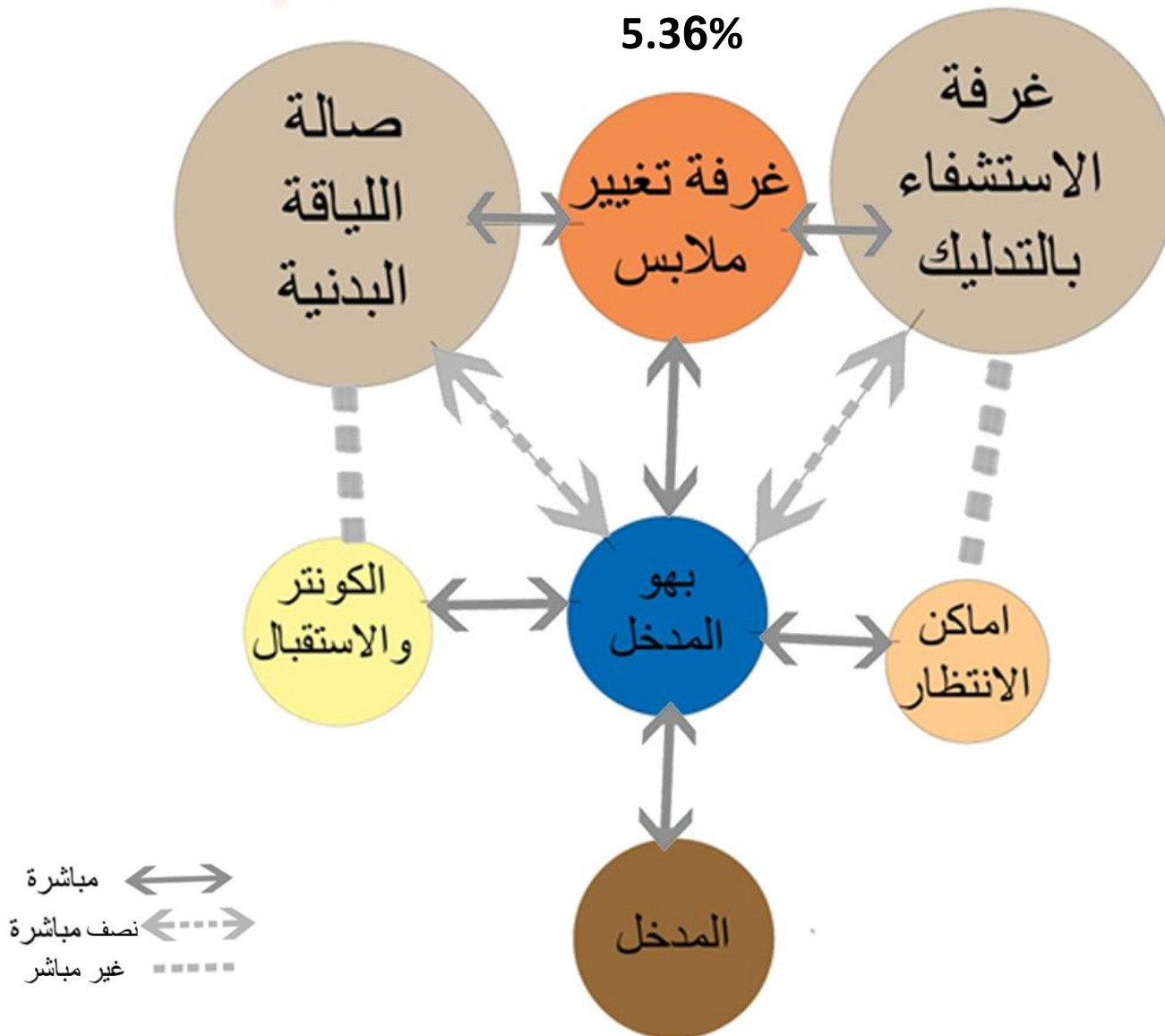
ملاعب رياضية

مرافق عامة

Spa (Dry Area)

800 م²

5.36%



عناصر المشروع:

المبنى الرئيسي

الاقامة

Spa

مناطق مفتوحة

نادي اجتماعي

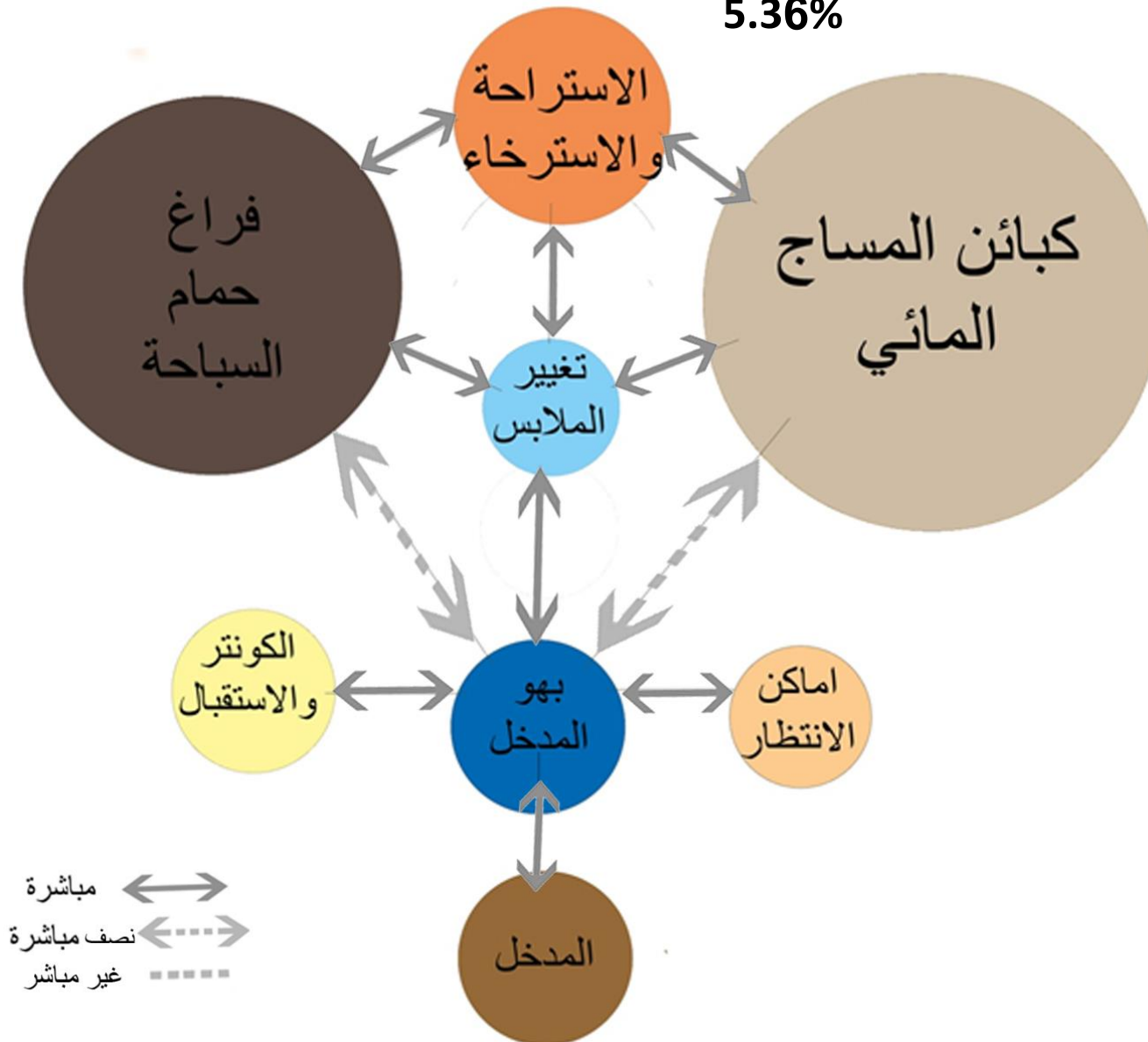
ملاعب رياضية

مرافق عامة

Spa (Wet Area)

800 م²

5.36%



عناصر المشروع:

المبنى الرئيسي

الاقامة

Spa

مناطق مفتوحة

نادي اجتماعي

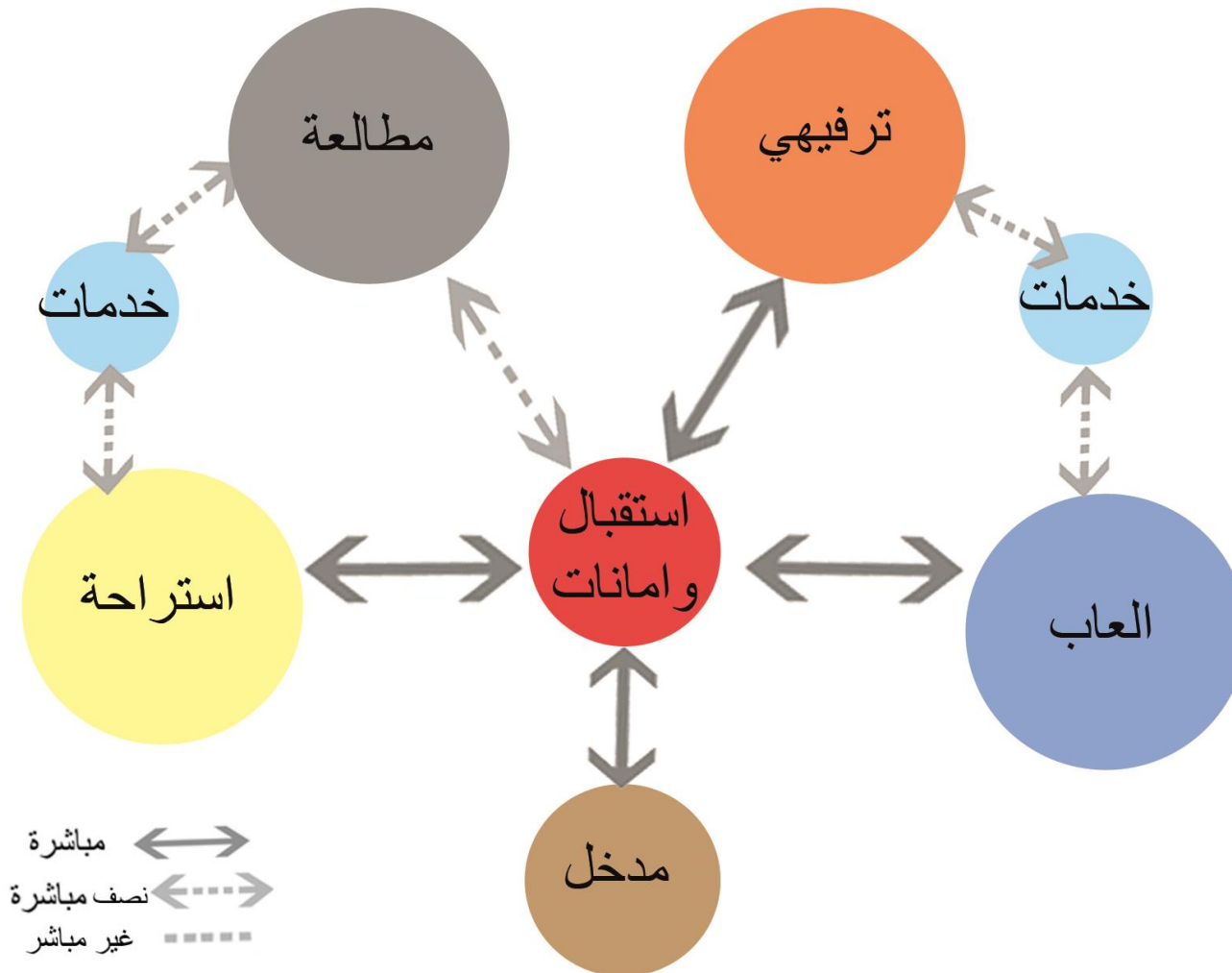
ملاعب رياضية

مرافق عامة

نادي اجتماعي

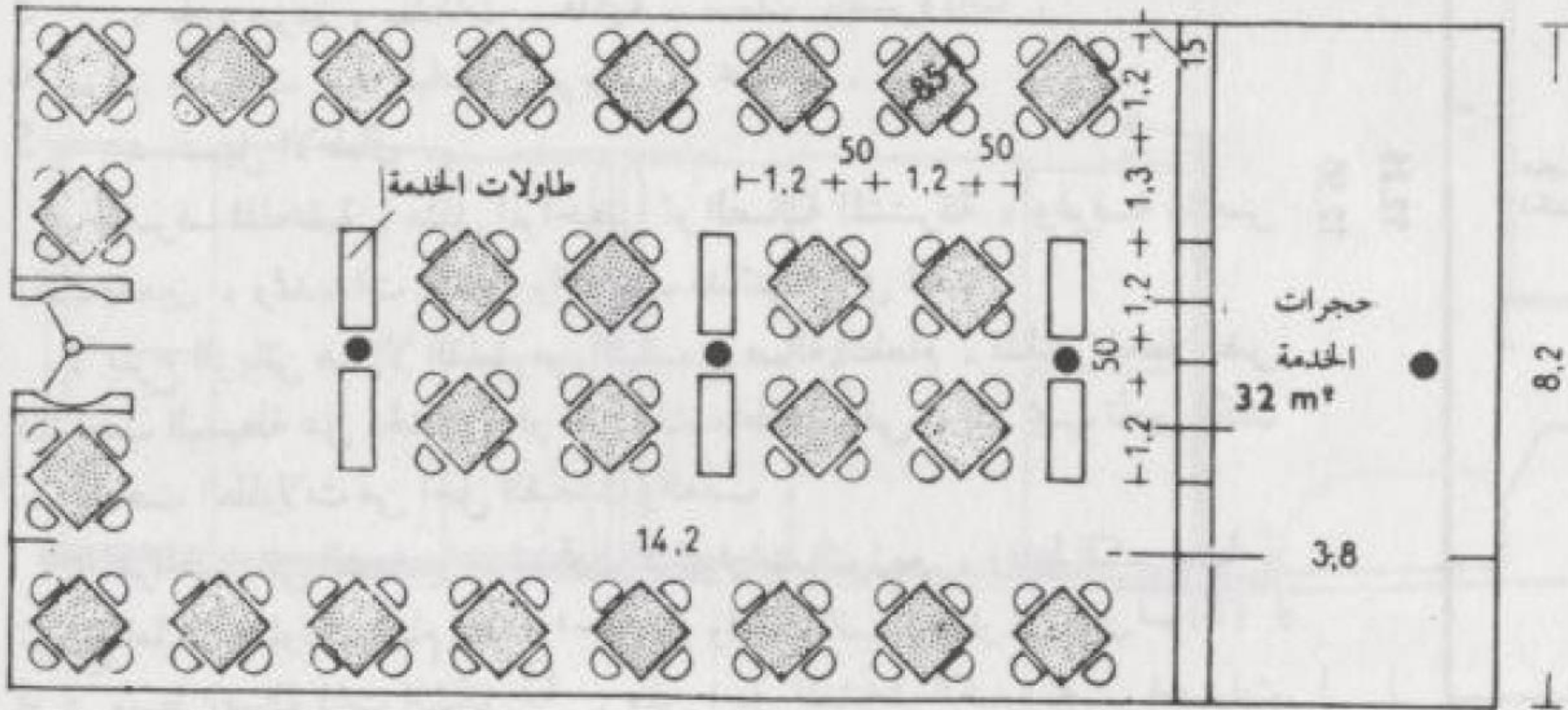
4.36%

2م650

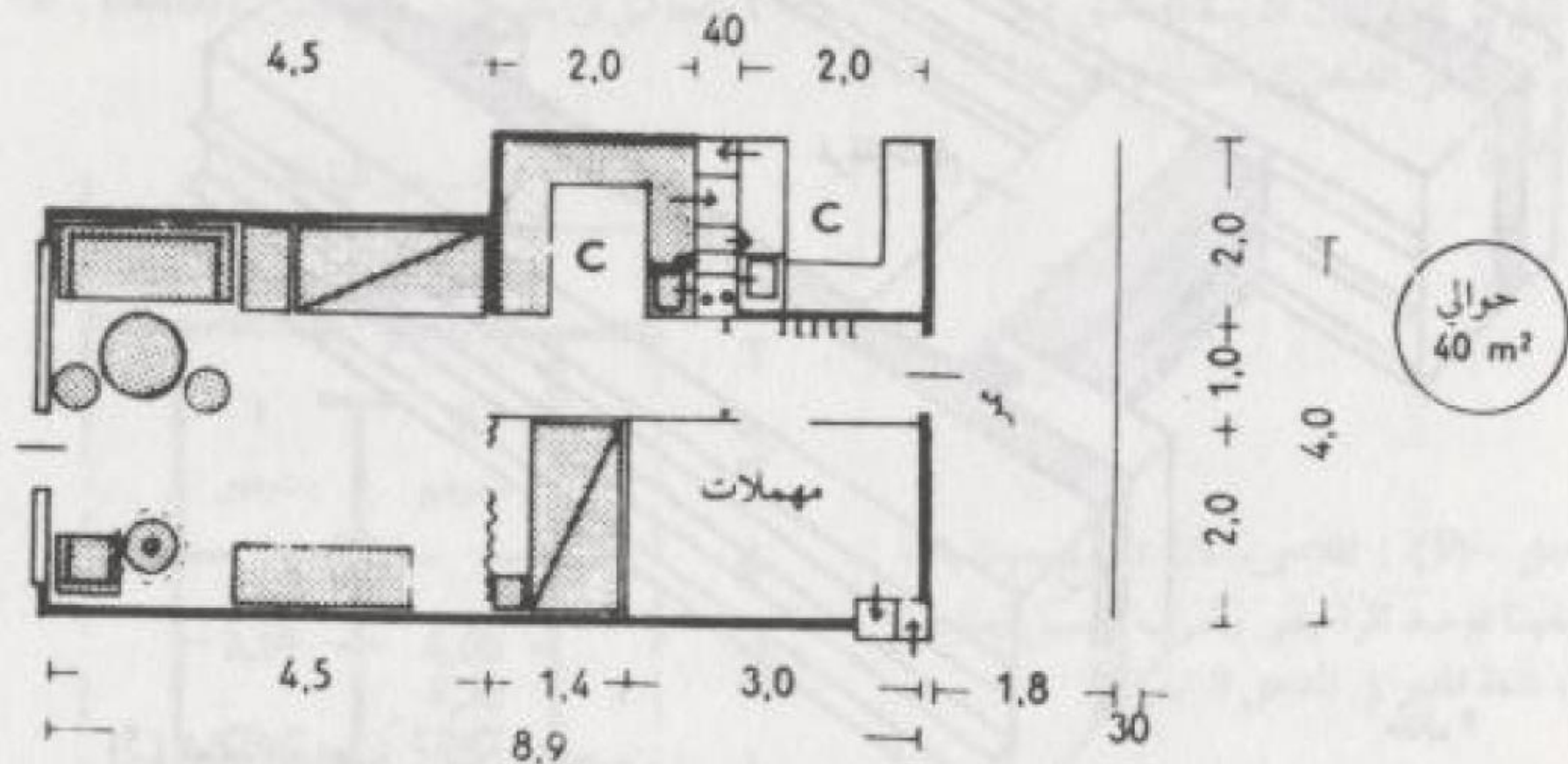


معايير تصميمية

المطعم

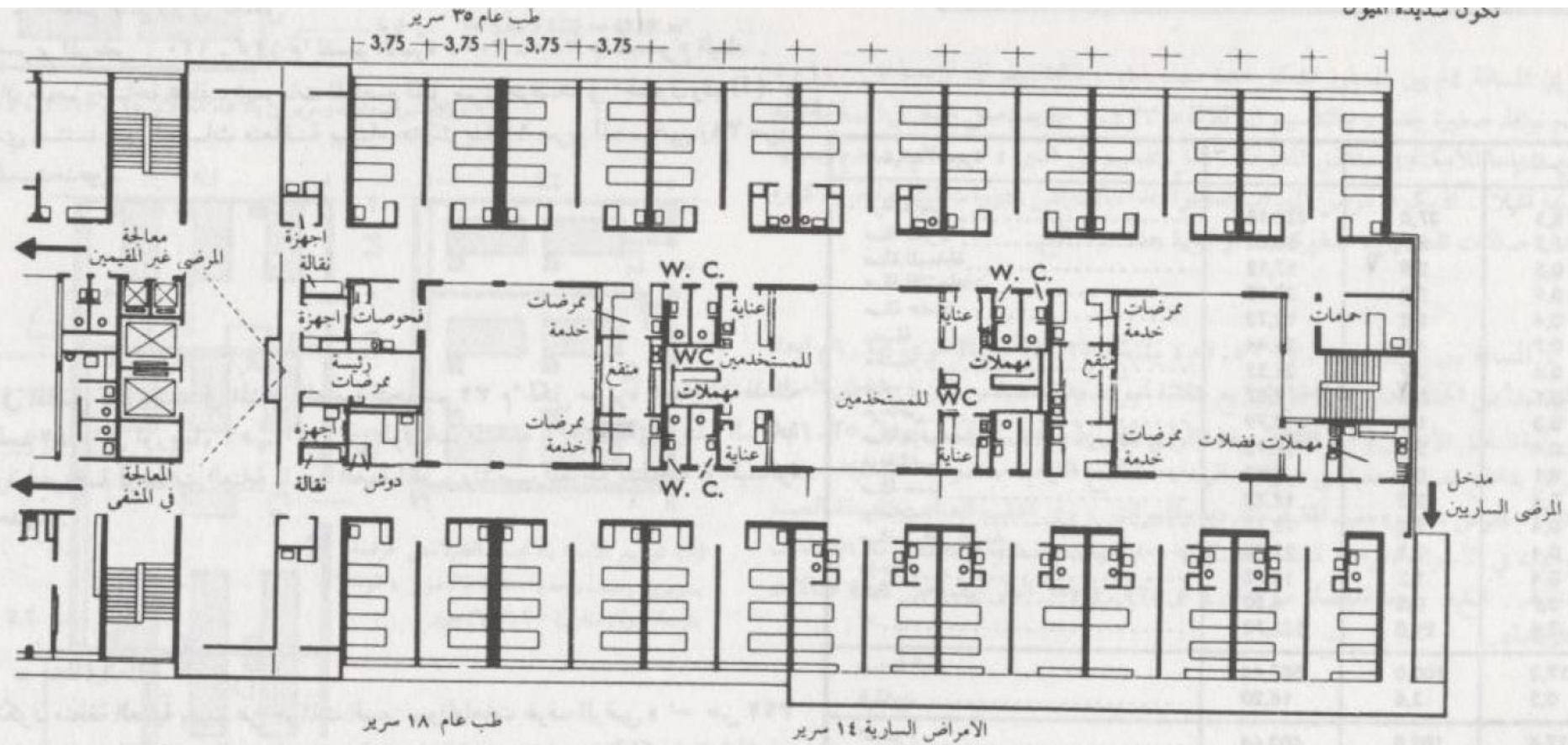


- (1) مع عمر بـ ٢/١ م لكل طاولة المقاعد ٠,٦٢ م²
- (2) مع عمر بـ ٢/١ م لكل طاولة يحوي مسند ٠,٧٤ م²
- (3) مع عمر بـ ٢/١ م لكل طاولة يحوي ظهر المقاعد .. ١,٠٠ م²
- (4) مع عمر بـ ٢/١ م لكل طاولة يحوي ظهر المقاعد .. ٠,٧٢ م²
- (5) صالة من اجل ٤١ شخص، لكل شخص ٢,١٢ م²



(9) سكن لشخصين مع كوات للأسرة وغرفة مهملات واسعة . كوة للطبخ نصل اليها عن طريق الممر .

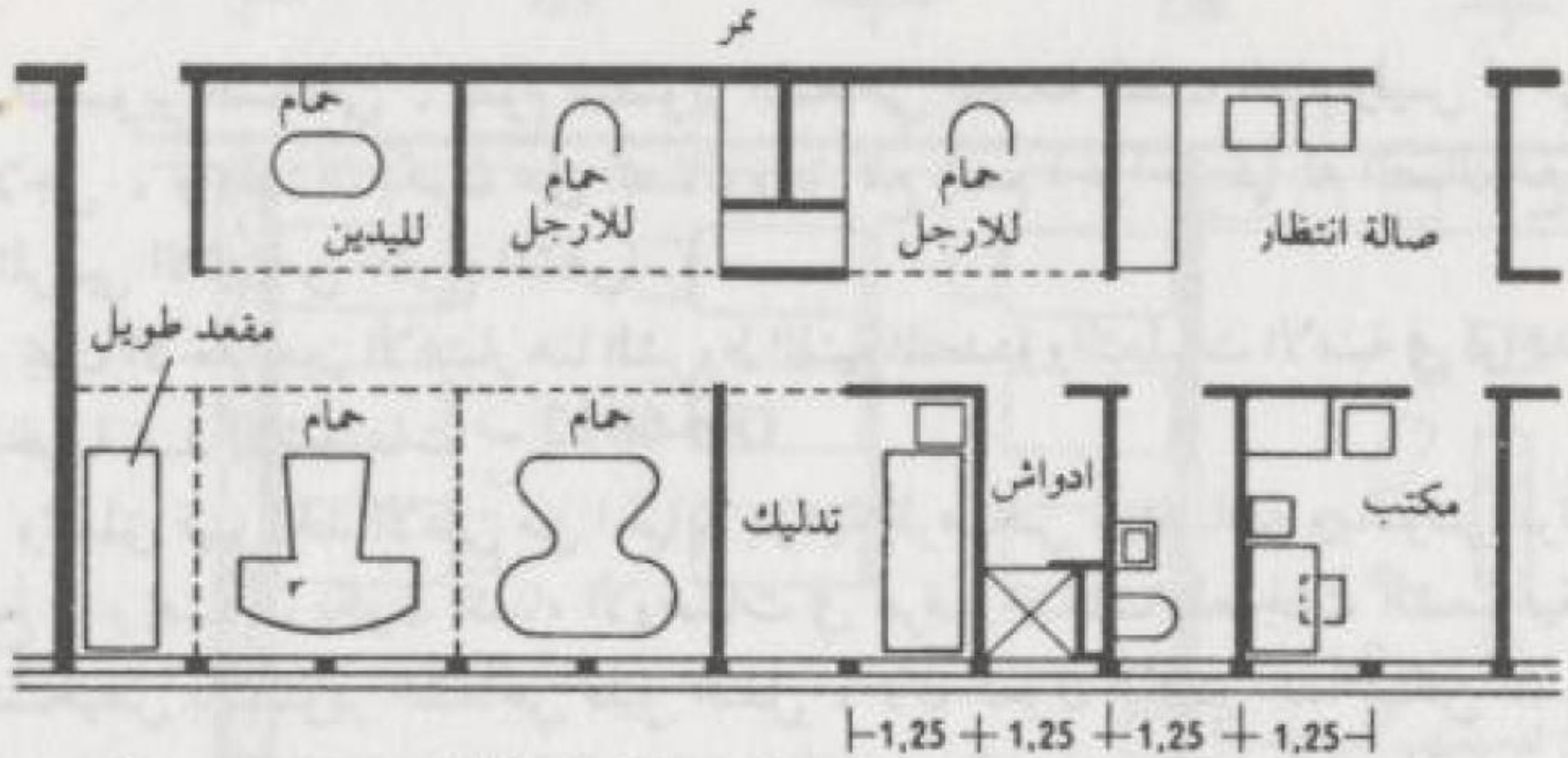
نموذج لمركز استشفاء



مساحات الأسرة

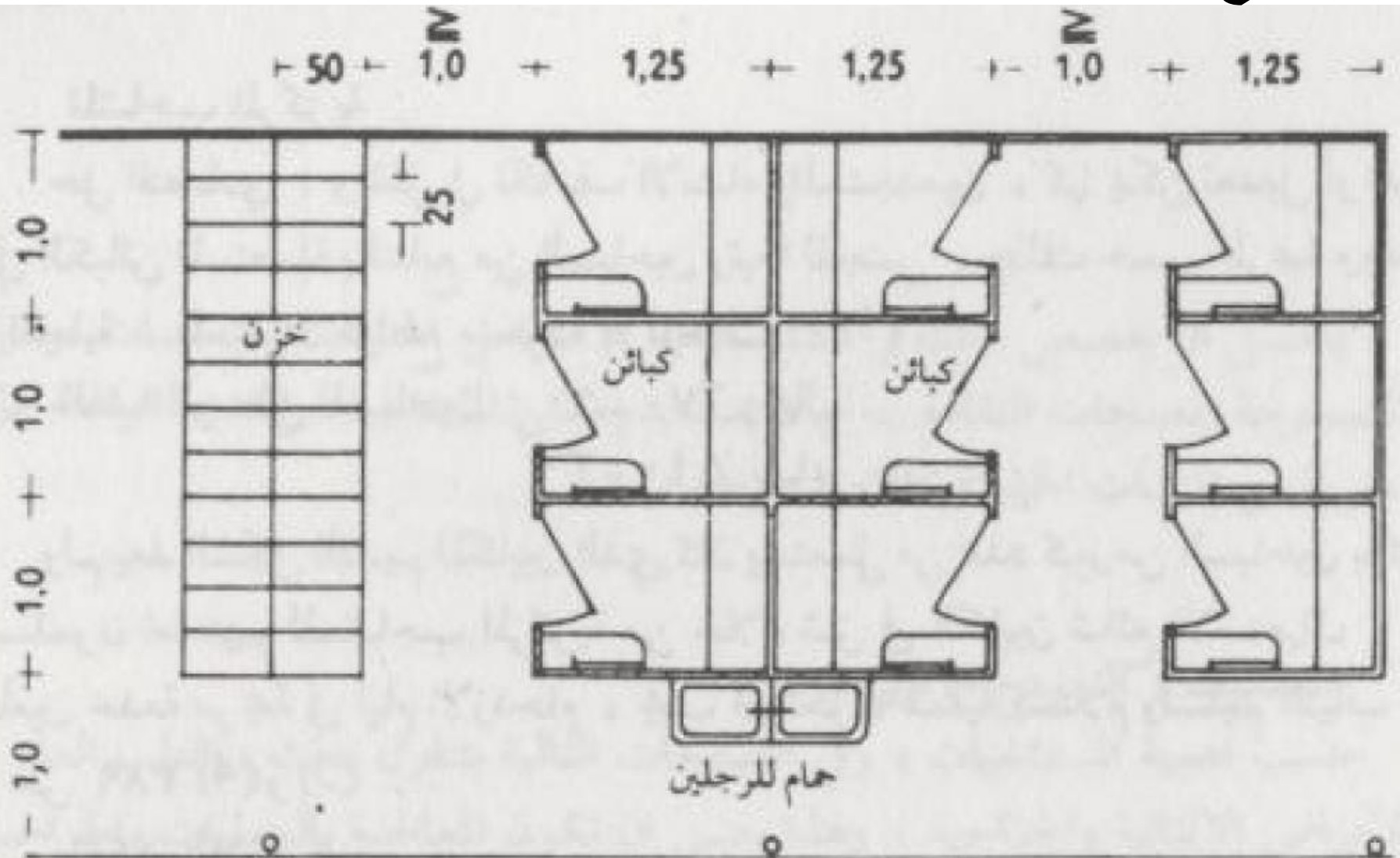
	عدد الأسرة	Prusse	Bade-Württ	Rhénanie Westfal	Berlin	Hesse
		لكل سرير	لكل سرير	لكل سرير	لكل سرير	لكل سرير
بالغين	سرير ١	8,00	10,00	9,00	10,00	10,00
	سريرين ٢	—	7,50	7,50	8,00	8,00
	ثلاثة اسرة ٣	6,00	7,50	7,00	7,50	7,50
	٤ - ٦ اسرة	—	7,00	6,50	7,00	6,50
	الحدا الادنى من العدد لكل غرفة	—	—	١٠ اسرة	٦ اسرة	٦ اسرة
اطفال اقل من ١٢ سنة لـ R.H.W. وأقل من ١٤ سنة	سرير ١	—	7,50	4,50	8,00	8,00
	سرير ٢	—	6,00	3,75	6,00	6,00
	سرير ٣	—	6,00	3,50	—	6,00
	٨ - ٤ اسرة	4,00	—	3,25	5,00*)	5,00
اطفال صغار جداً « رضع »	لسرير واحد		—	3,00	—	—
	لعدة اسرة		3,50	2,50	3,00	3,00

المعالجة بالماء

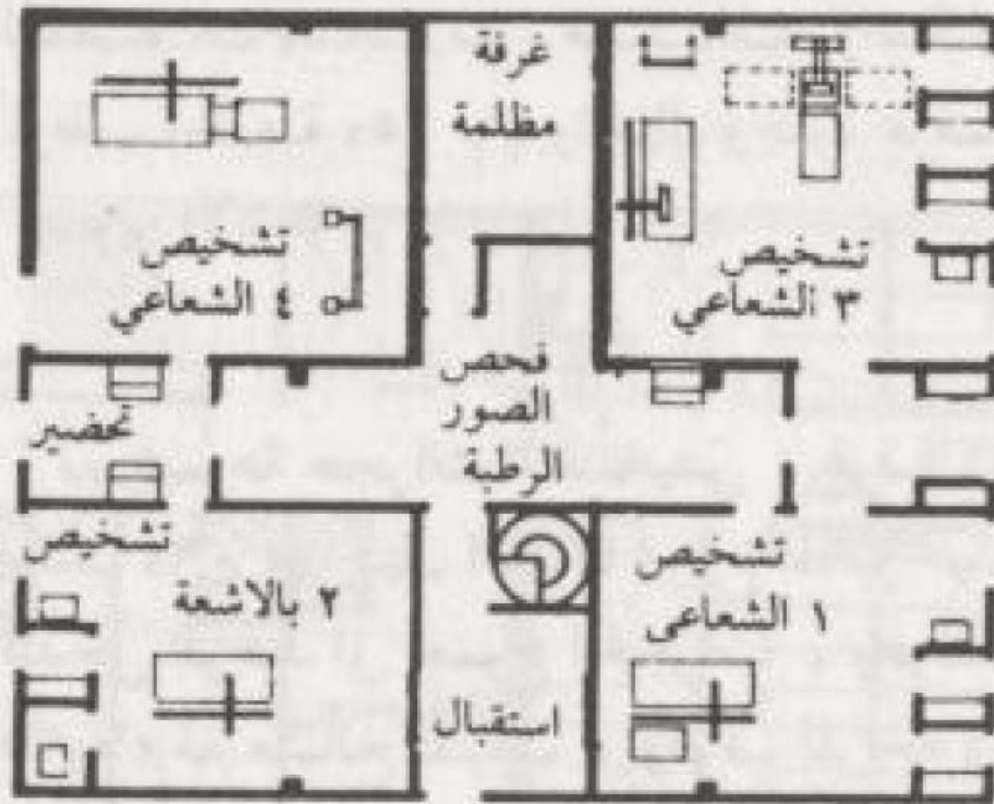


(3) خدمة المعالجة بالماء من قبل المعماري Rosenfeld

نموذج لكبائن التدليك

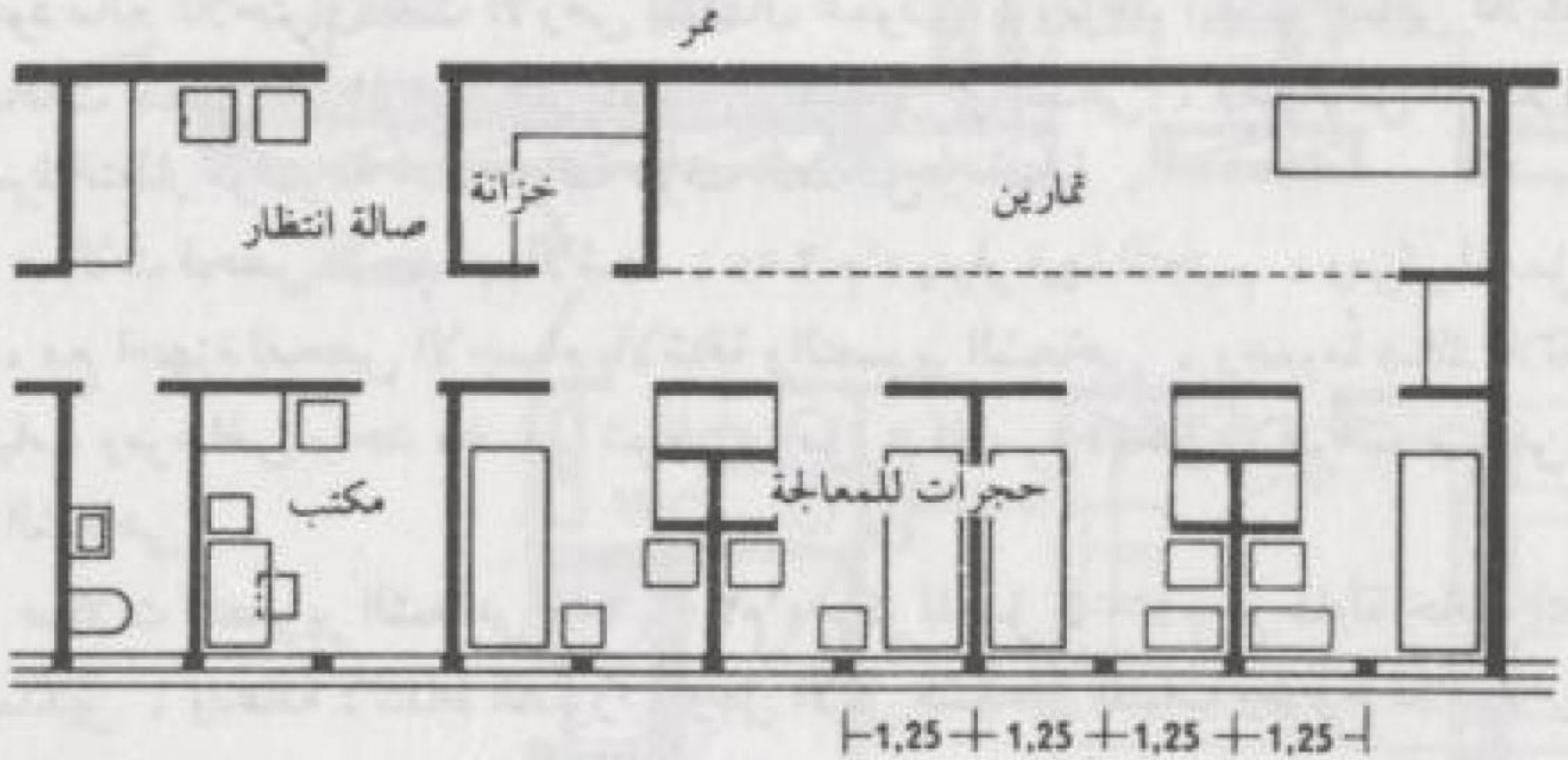


منطقة الأشعة



(1) التشخيص بالتصوير الشعاعي على شكل
«صليب» مقياس ٥٠٠ : ١ العيادة العصبية في
جامعة بون .

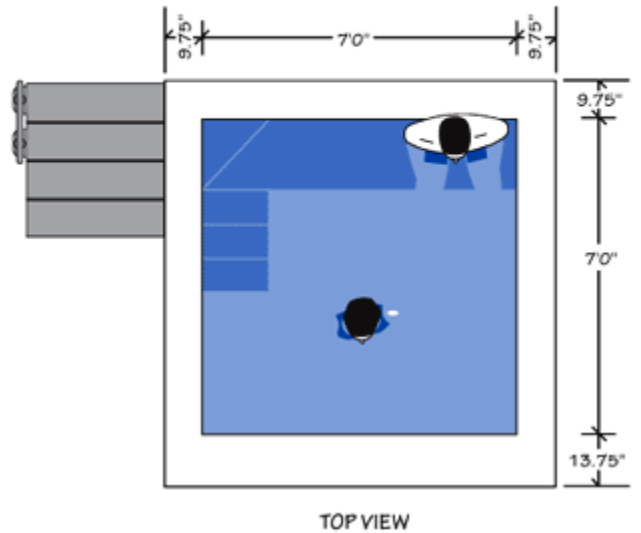
نموذج لمركز استشفاء



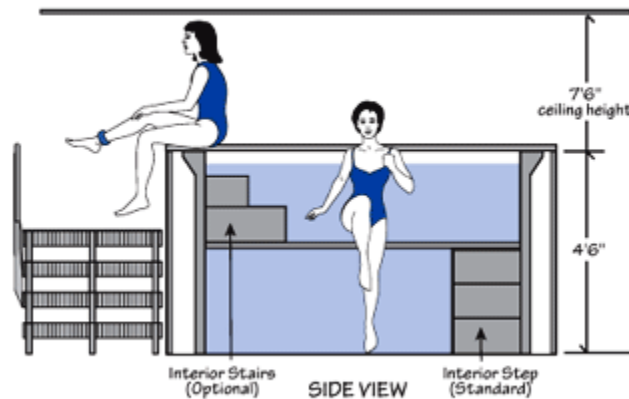
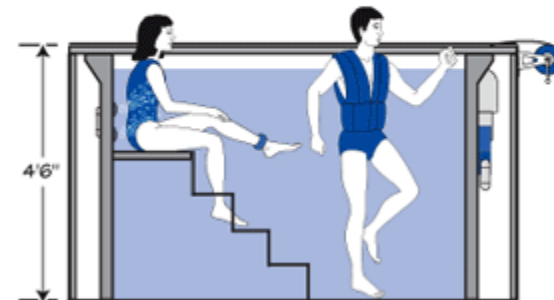
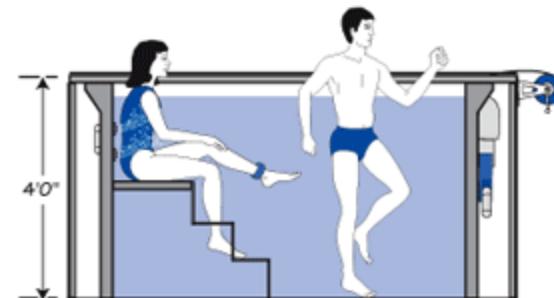
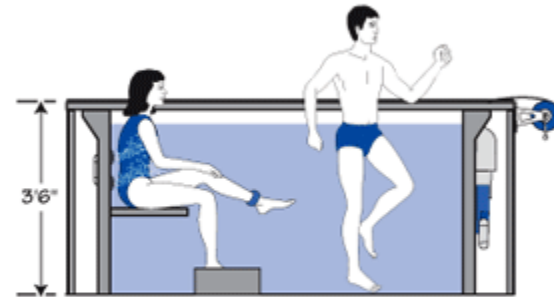
(6) معالجة كهربائية جافة ورطبة .

Pool standards :

Dimensions

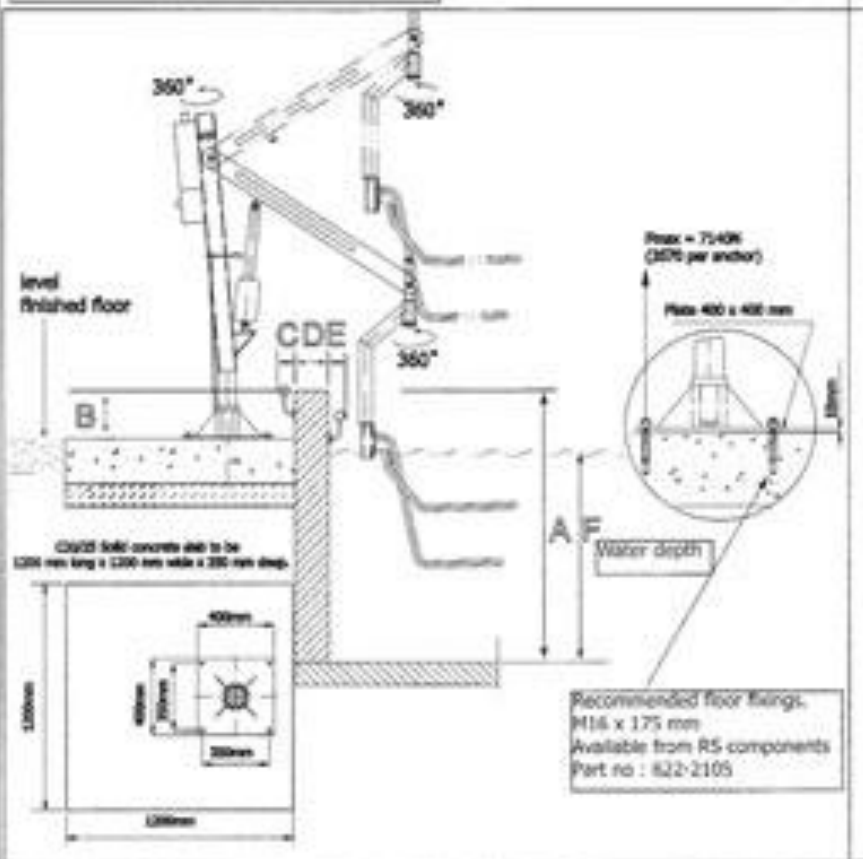


Available Depths





Pool Lift Manufacturing Specification Sheet



Dim A

Dim B

Dim C

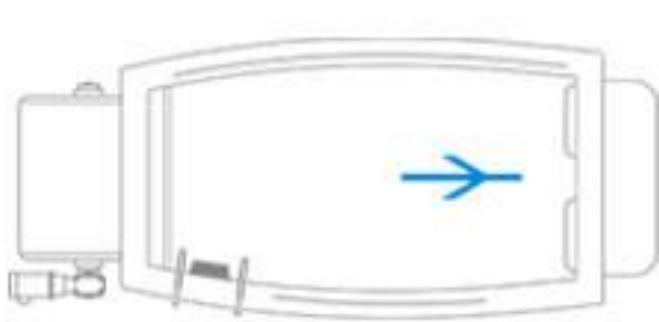
Dim D

Dim E

Dim F

Dimensions C & E refer to any protrusion or overhang, not just handrails

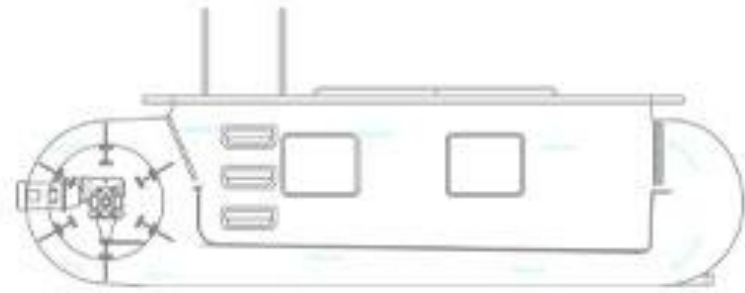
Views of the 400 OT | Flat Bottom Aquatic Therapy Pool



TOP



FRONT



SIDE



Pool Specs

- Pool Size: 7'6" x 17'6" x 5' (2.29m x 5.33m x 1.52m)
- Pit Size: 12' x 20' x 4'10" (3.66m x 6.1m x 1.47m)
- Pool Weight with equipment: 3,200 lbs (1,451kg)

T-Agre • T-Agre/M

Hydrotherapy Systems



(01.501.029) Underwater Massage Device

This device allows performing underwater massage treatments in tanks or tubs, where an underwater massage system is not available. The device can be either stationary or wheeled. During the treatment a hose delivers the massage sucking the water from the tank or pool. The system features exchangeable nozzles for the massage hose, according to the specific indications. A pressure valve allows the water stream to be properly adjusted according to the treatment requirements.

We offer **T-AGRE** underwater massage device in two versions:

- **T-AGRE** stationary (without wheels)
- **T-AGRE/M** mobile (with wheels)



Model of bathtub	Type	Weight (kg)	Dimensions (mm) (LxWxH)
01.501.029	T-AGRE/M	25	680 x 610 x 410
	T-AGRE	25	680 x 610 x 410



T-MOT

Hydrotherapy Systems



(01.501.027) Hubbard Tank ("butterfly" tub)

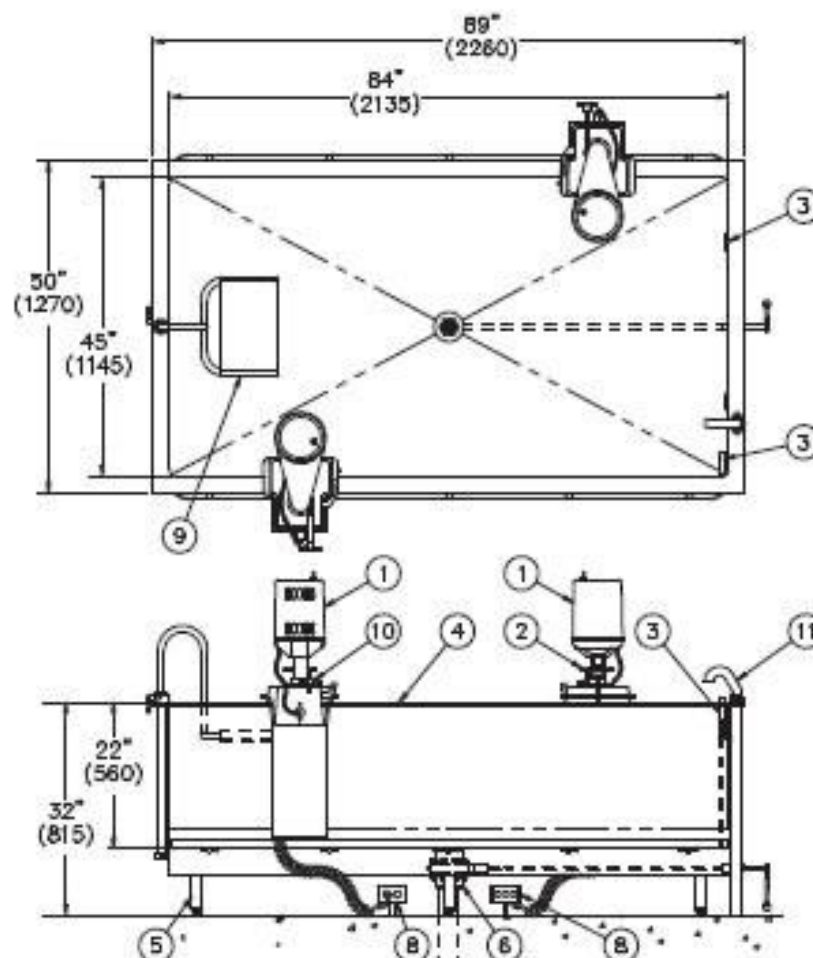
The **Hubbard Tank** has long been used to allow patients requiring special care and individual attention from therapist to exercise in the water environment. Water provides gentle resistance, helping patients to unweight and relax. The tank may also allow the patient to start rehabilitation even when he is too weak to exercise.

The **T-MOT** can be optionally equipped with an UWM (under water massage) system complete with hose and exchangeable nozzles. The UWM system cannot be purchased separately but must be ordered with the TANK.



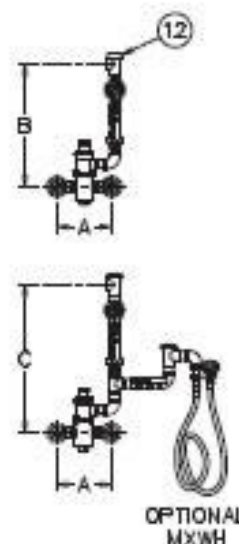
Model of bathtub	Type	Working capacity (l)	External dimensions (mm) (LxWxH)
01.501.027	T-MOT	1100	2550 x 2130 x 900
01.501.028	T-MOT/UWM (Options)	1100	2550 x 2130 x 900

Note: Electrical requirements are 8 Amps / 115 Volts/ 60Hz/ 3 Pole GFI Receptacle.



All dimension figures in parentheses are in millimeters.

VALVE	INLETS	OUTLET	DIM A	DIM B	DIM C
MXT3 (45 GPM)	3/4" NPT	1" NPT	10" (255)	17-3/4" (450)	22-1/4" (565)
MXT4 (80 GPM)	1" NPT	1-1/4" NPT	11" (280)	20-1/2" (520)	24-3/4" (630)
MXT5 (125 GPM)	1-1/2" NPT	1-1/2" NPT	12-3/4" (325)	21" (535)	25-1/2" (645)



STATIONARY F-300-S IMMERSION TANK

NOTES:

- | | | |
|--------------------------------------|-----------------------------------|---|
| 1. 1/2 hp Jet Pump Motors (2). | 6. 3" Drain Valve Assembly. | 10. Turbine Raising & Lowering Device. |
| 2. Variable Pressure Control. | 7. Overflow Assemblies (2). | 11. Filler Spout w/ 1-1/2" O.D. Tube Assembly. |
| 3. Thermometer. | 8. GFI Receptacles (2) by Others. | 12. Optional Mixing Valve Shown for Reference Only. |
| 4. Stainless Steel Tank. | 9. Adjustable Head Rest Assembly. | |
| 5. Adjustable Supporting Steel Legs. | | |



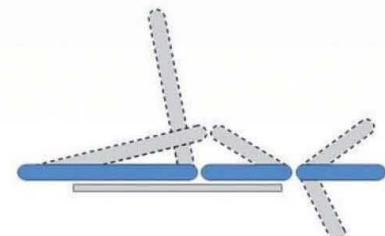
(14.501.007) Treatment Table

This rehabilitation table is designed for use in orthopedic, neurologic, rheumatic diseases treatment as well as in rehabilitation and cosmetics. Places of use are: hospitals, clinics, health centers and rehabilitation centers. The height of the table plate is electrically adjusted through the motor with the use of remote control.



TECHNICAL DATA

Dimensions:	1900mm x 660mm
Maximum weight of patient:	150kg
Weight of table:	80kg
Table height adjustment:	490 - 1050mm
Headrest angle-adjustment:	from - 85° up to 35°
Leg rest angle adjustment to sitting position:	up to 70°
Main part rest angle adjustment to Pivot position:	up to 45°
Headrest:	
- 1 section with face hole	
- 3 sections (2 armrests) - optional	



Sling Therapy

Treatment Tables

(13.501.009) Device for exercises in suspension

SLING THERAPY - device for exercises in suspension apply for supportive treatment of diseases of skeletomuscular system, particularly in orthopedic, rheumatoid and neurological disorders. It allows for exercising with body weight support, with resistance and total and partial suspension.

SLING THERAPY is a modern device for exercising in suspension mounted to metal frame. Its unique design of elements for suspension allow for precise and easy operation. Standard equipment consists of mobile column for exercises with resistance and set of lines, slings and weights.

TECHNICAL DATA

Length: 2650 mm

Width: 1300 mm

Height: 2050 mm





(15.501.053) Rehabilitation Stairs

Stairways includes two groups of steps, group one with five steps, group two with three steps. Steel base and wooden steps included. Also supplied the adjustable handrails.

Stairways composed by modular elements allowing customer to place the product in a linear design or in a corner.



TECHNICAL DATA

DIMENSION:

All set: 2160L x 720W x 600H mm

HANDRAILS:

Height: 800 +/- 200 mm

Distance: 600 +/- 300 mm

Stairs I 660L x 300W x 150H mm - 5 steps

Stairs II 660L x 300W x 200H mm - 3 steps

Platform 660L x 660W x 600H mm

Tnch 1



(15.501.052) Parallel bars

Parallel bars are used for physical or rehabilitative training activity such as kinesis therapy, neurology, orthopedic applications. Parallel bars offer a good help to educate and re-educate the gait. Parallel bars are made of a steel base and a wooden deck. Height adjustable galvanized steel handrail.

TECHNICAL DATA

Dimension:	3000 x 750 mm
Length of handrails:	3000mm

HANDRAILS ADJUSTMENT:

Adjustment of height:	710 - 1040 mm
Adjustment of distance:	350 - 880 mm



Tnch 2

(15.501.047) Parallel bars with obstacles

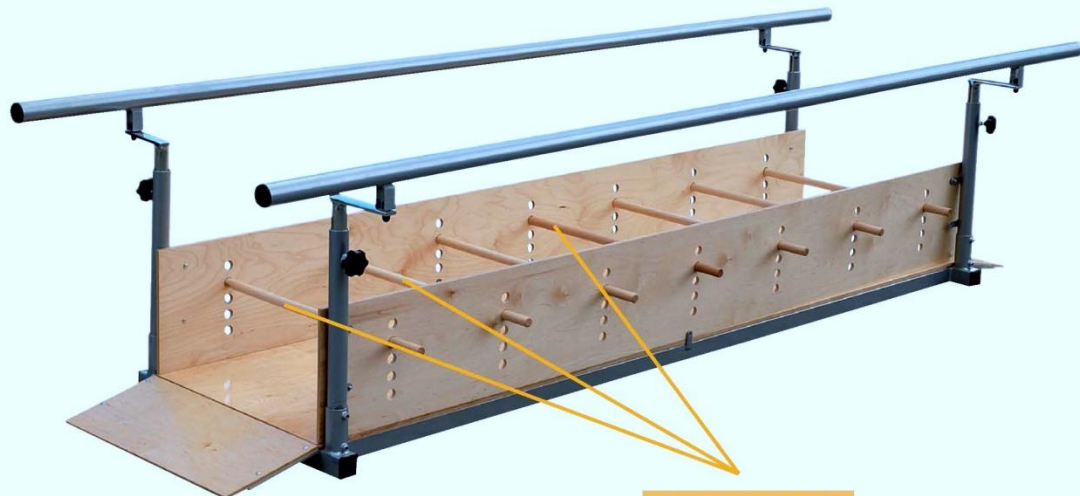
Parallel bars are used for physical or rehabilitative training activity such as kinesis therapy, neurology, orthopedic applications. Parallel bars offer a good help to educate and re-educate the gait. Parallel bars are made of a steel base and a wooden deck. Height adjustable galvanized steel handrail. Additionally parallel bars are equipped with horizontal obstacles consisting of 7 cylindrical rungs that may be inserted at various heights and distances on the lateral wooden boards.

TECHNICAL DATA

Dimension:	3000 x 750 mm
Length of handrails:	3000mm

HANDRAILS ADJUSTMENT:

Adjustment of height:	710 - 1040 mm
Adjustment of distance:	350 - 880 mm



OBSTACLES

Tnch 3

(15.501.055) Foldable parallel bars

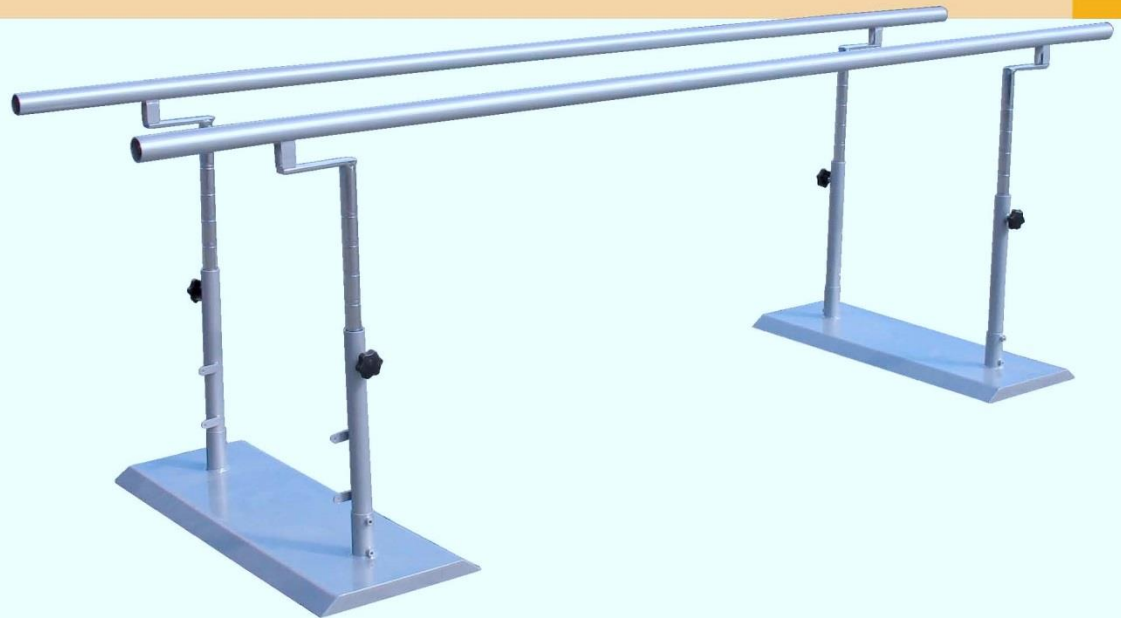
Parallel bars are used for physical or rehabilitative training activity such as kinesis therapy, neurology, orthopedic applications. Parallel bars offer a good help to educate and re-educate the gait. Foldable parallel bars without deck. Ideal for small sized rooms. Height adjustable handrail.

TECHNICAL DATA

Dimension:	3000 x 950mm
Length of handrails:	3000mm

HANDRAILS ADJUSTMENT:

Adjustment of height:	710 - 1040 mm
Adjustment of distance:	350 - 880 mm





Microwave therapy
42X56X110 cm



Magnetic field therapy
bed: 200X50X60 cm
Central unit : 42X56X110 cm

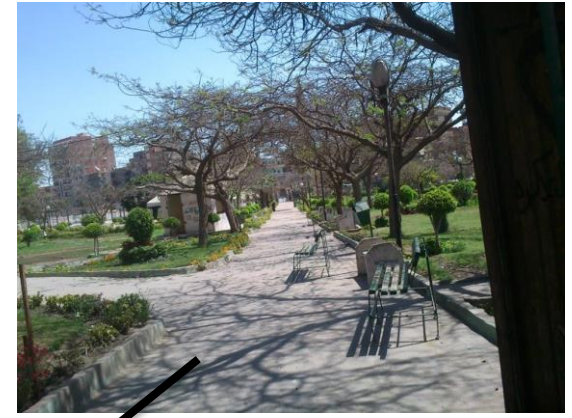
دراسة الموقع



عمر افندی



مدرسه حلوان الثانويه بنات



حديقہ الفتح



ميدان عمر ابن عبد العزيز



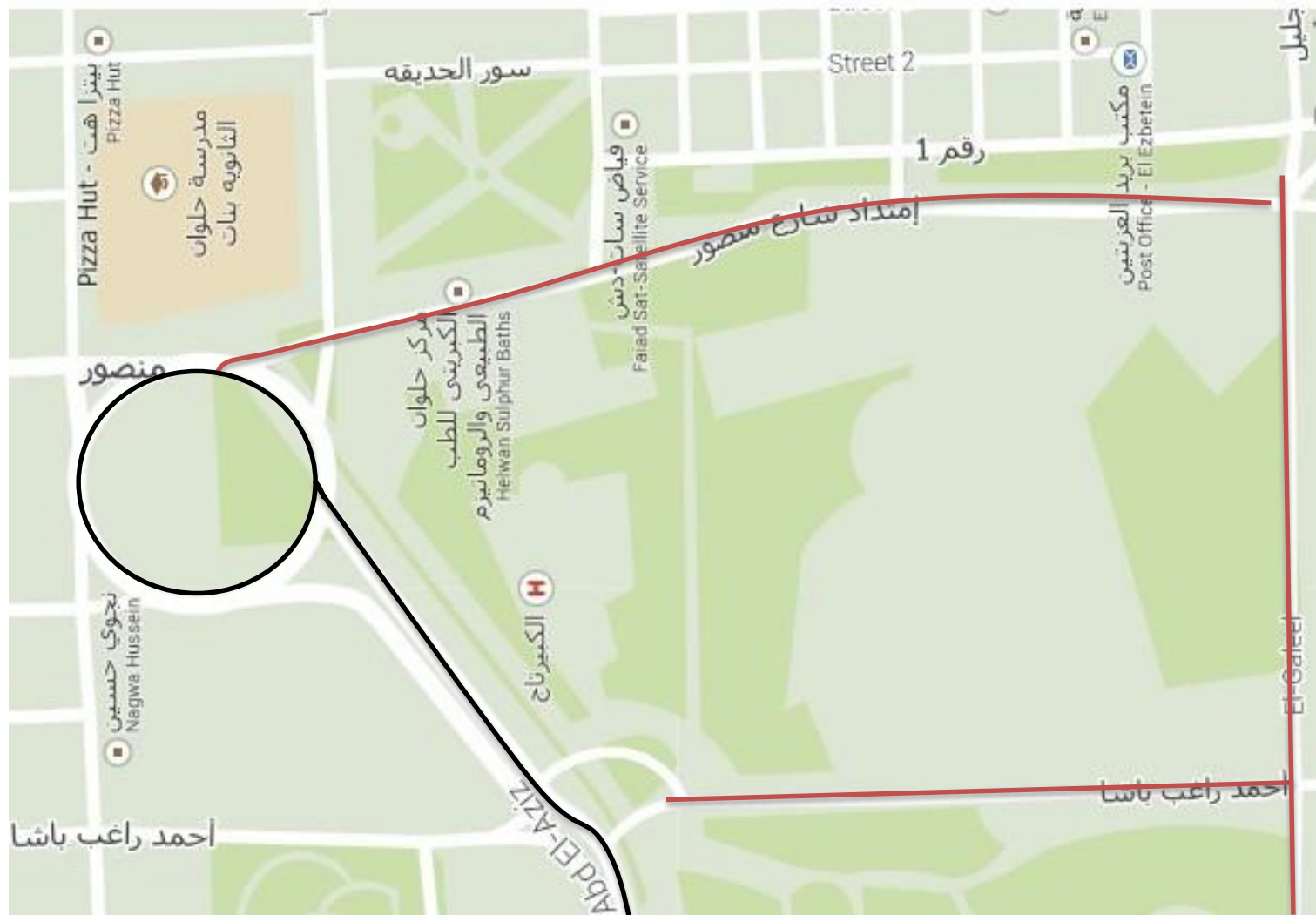
مسجد

مكتب بريد

مساكن



الكبير تاج



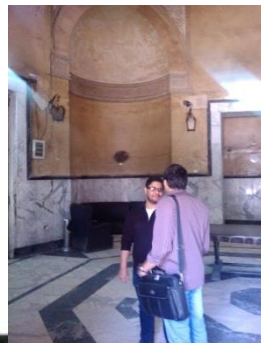
شارع رئيسي

شارع فرعي

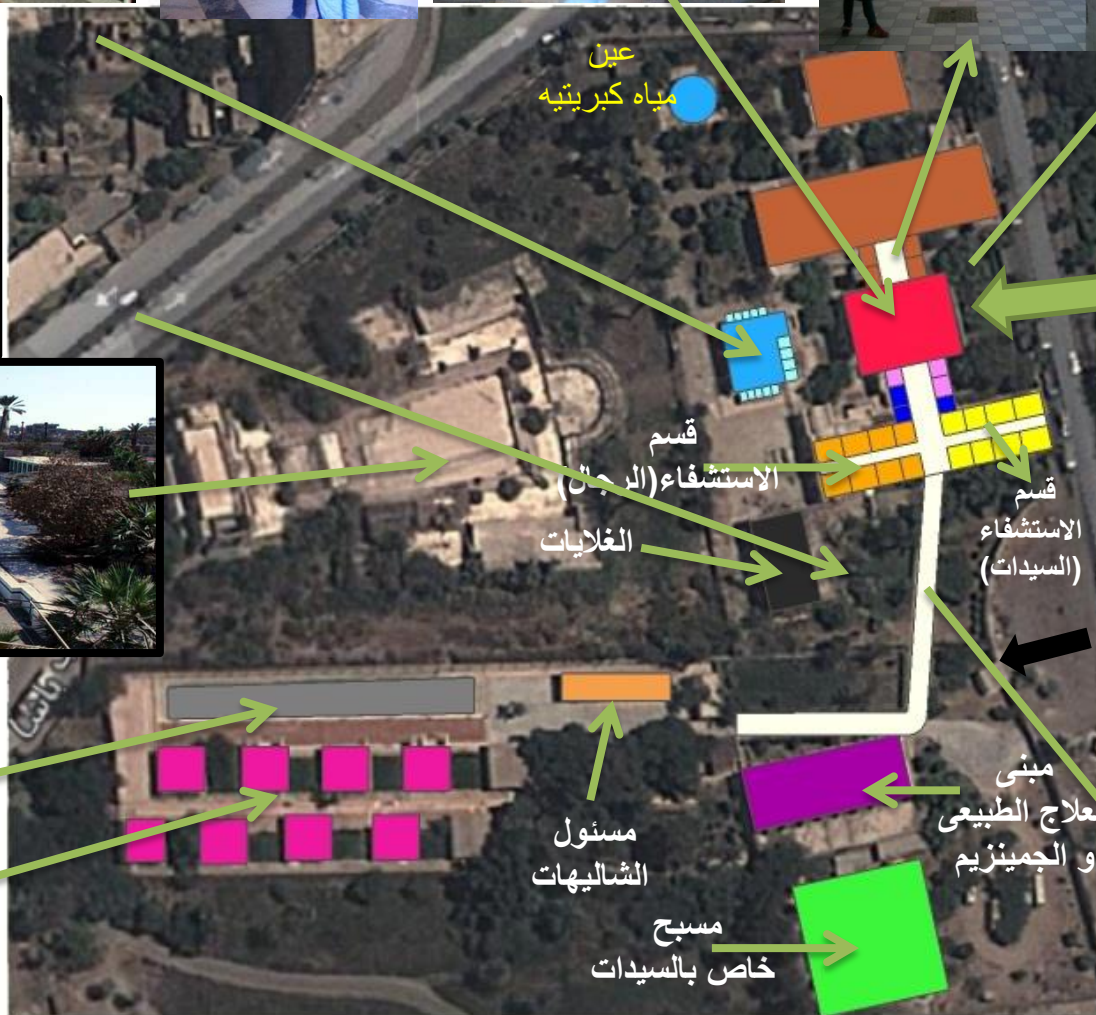
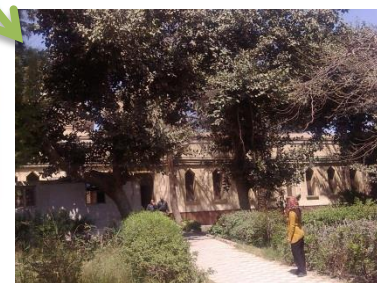
حمامات حلوان الكبرى



مسبح
الخاص بالرجال



مدخل المركز لاستشفائي



عين
مياه كبريتيه

قسم
الاستشفاء (الرجال)

الغلايات

قسم
الاستشفاء
(السيدات)

مبنى
علاج الطبيعي
و الجمينزيم

مسنول
الشاليهات

مسبح
خاص بالسيدات

جراج

منطقة الشاليهات



مثال

Life medicine RESORT DAS KURHAUS



JSA

Bad Gleichenberg, Austria

Key figures:

- Architects: Jensen & Skodvin Arkitektkontor (JSA).
- Location: Bad Gleichenberg, Styria, Austria.
- Design Period: 2005-2007
- Construction period: 2006-2008
- Client: HCC/Kappa
- Landscape: Kim Wilkie
- Budget: 1.000.000 EURO (US \$3.152.000 millions)
- Constructed Area: 17,500 sqm
- Materials: The external appearance of the complex is dominated by glass , larch wood and natural stone.
- Pools made of stainless steel.



Intro:

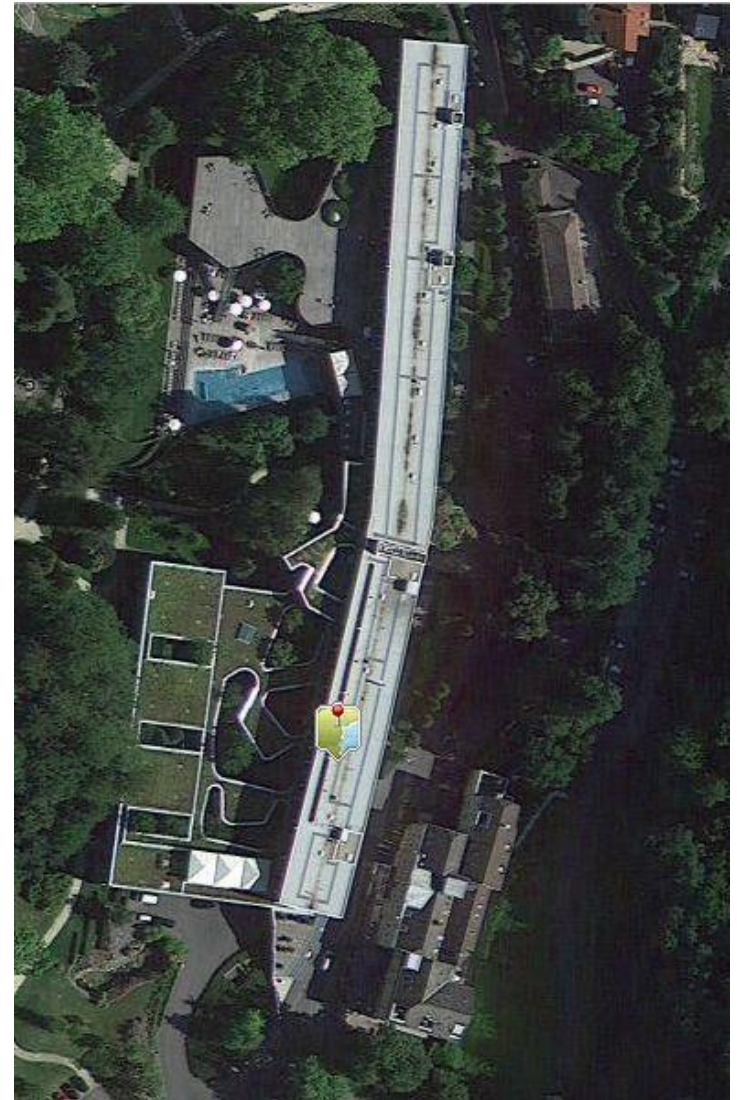
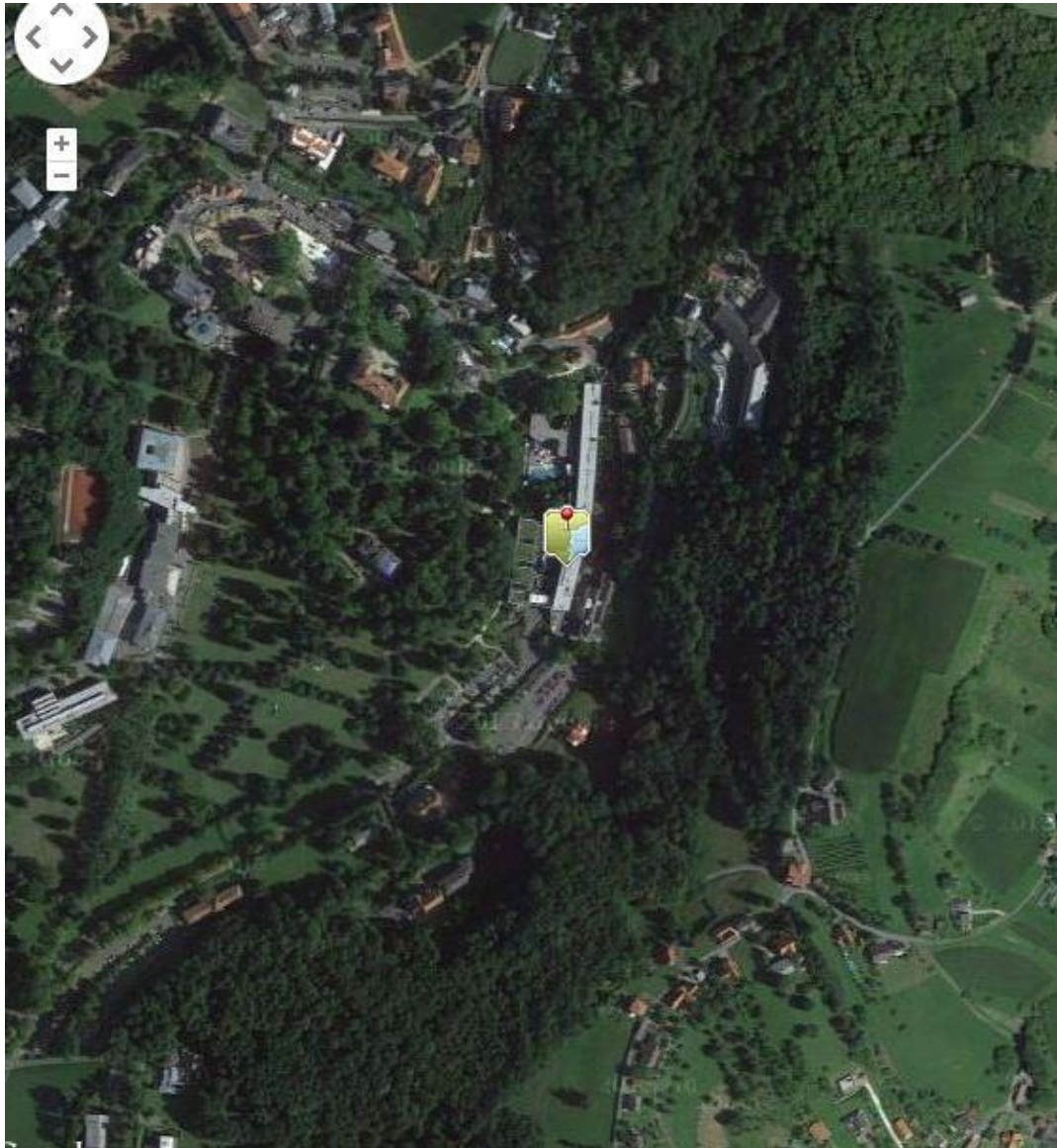
- Austria is blessed with a whole range of former volcanic zones.
- When drilling for petrol in the 1970ies, hot thermal springs were found in Styria.



Site Analysis:

- The life medicine Resort Bad Gleichenberg is located in a 20,000 m² park from the 19th century. (A historic park equipped with buildings and sculptures of the Biedermeier period).
- The life medicine RESORT DAS KURHAUS is located in the heart of the volcanic landscape of the "Steirisches Thermenland".

Layout:



Site surroundings
Park.. Historical buildings..

Concept:

- They wanted to create a building that blends into the environment despite its size, the existing trees and a stream should it remain untouched.
- The designers wanted to create a low building with a series of gardens, giving natural light and creating a sense of privacy and exclusion, while at the same time opening up for some of the views.



Program:



Outdoors



Activities



Food & Drink



Internet



Parking



Services



General

Facilities:



Highlight:

Thermal baths in the interior and exterior, with spa area.

- in-house therapeutic bath and spa (3,000 m²),
- Public thermal bath for the patients and other guests, Healing pool covering a surface area of 2,500m².

The spa is open to both hotel guests and patients as well as for external visitors.

Healthcare:

- 50 Rooms for therapies, medical, diagnostic and cosmetic treatments.

A beauty center, Skincare Centre, Specially developed remedies and medicines as for example Gleichenberg salt for skin and respiration, Cry therapy (cold chamber), Pampering massages, Sauna, Fitness Center, Solarium, Hot Tub, Turkish/Steam Bath, Indoor Pool (all year), Hot Spring Bath.

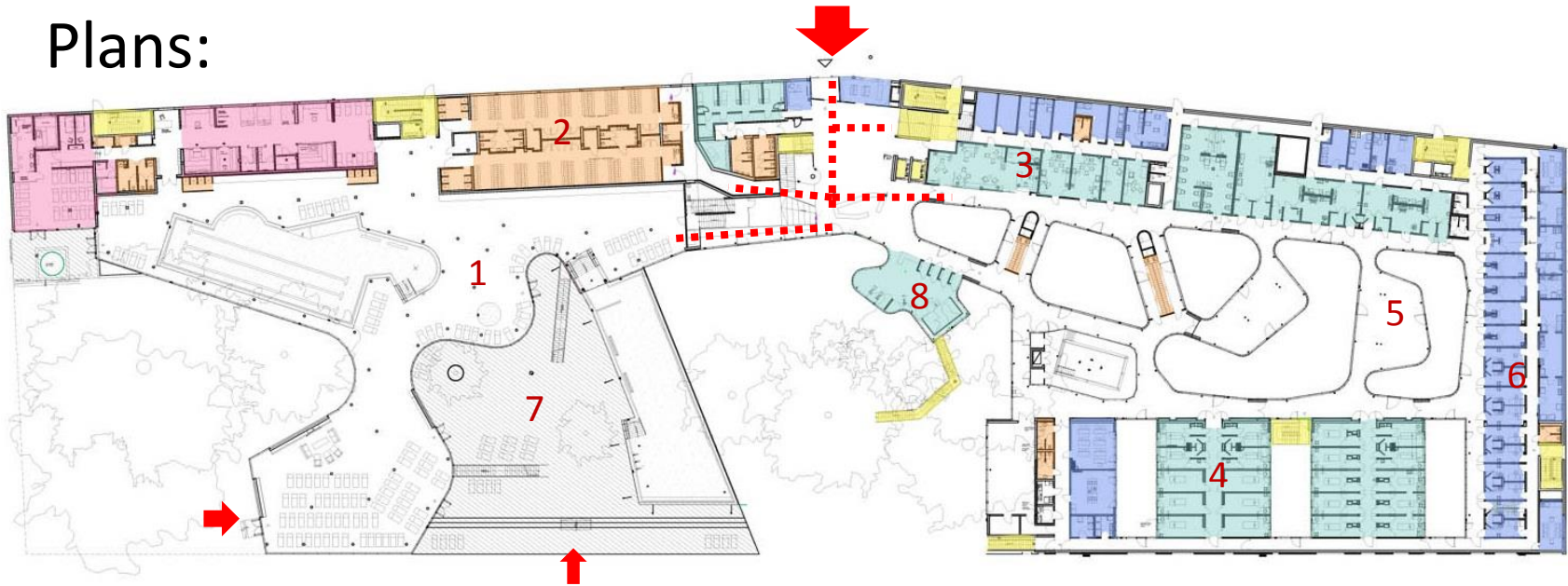
Services:

- A 4-star hotel with 110 exclusive rooms and suites

Here are single and double rooms in sizes 20 to 28 m² and suites with a good 50 m² living space available.

- A restaurant, a bistro, a bar and a café, with terrace and park views.

Plans:



First floor plan

- Management & Staff
- Treatment rooms (Dry area)
- Wc, Changing rooms, Showers
- Vertical transport
- Sauna, spa, thermal bath.
(Central wet area)

- 1- Platform
- 2- Dressing room
- 3- Relaxation room
- 4- Treatment room
- 5- Waiting areas and lobbies.
- 6- Offices.
- 7- Outdoor Pool (Thermal bath) and deck.
- 8- Fitness center

- The waiting areas in the middle of the treatment rooms for the patients are shaped around courtyards allowing sun and views to the trees, as to give the patients the impression of waiting in the park itself.





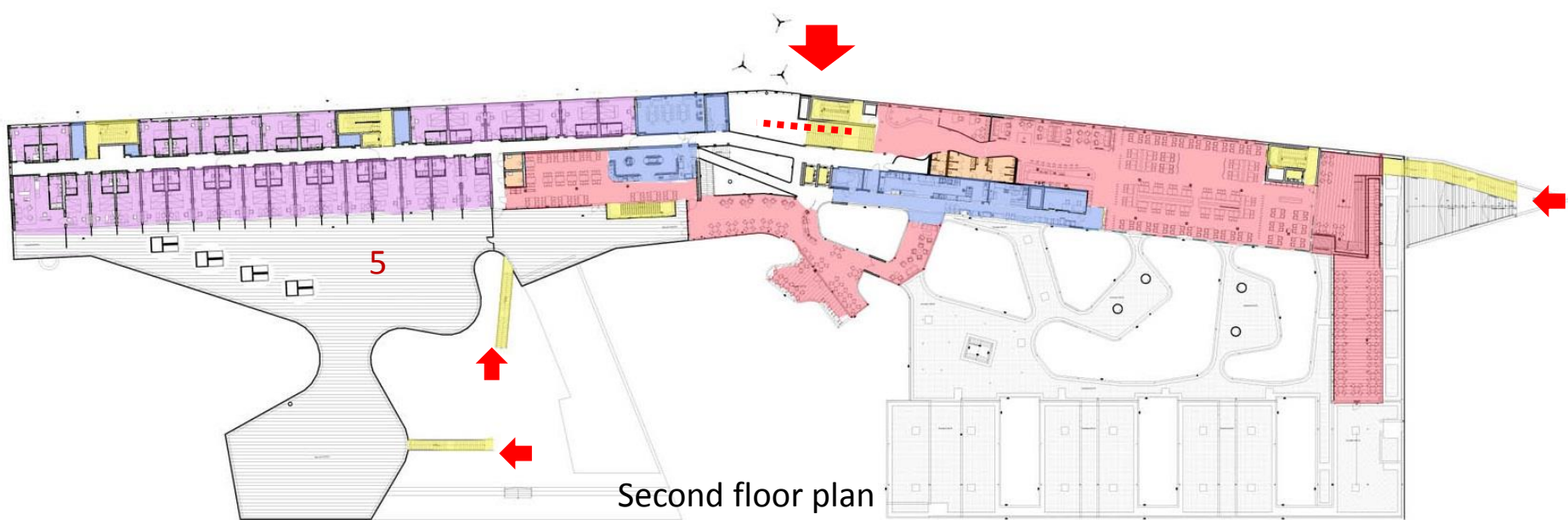
The Main Entrance



The spa area looking over the park

Outdoor Thermal pool





- 1- Staff & Services.
- 3- Accomodations
- 2- Vertical transport
- 4- Restaurants, cafes, bistro, bar
- 5- Terrace



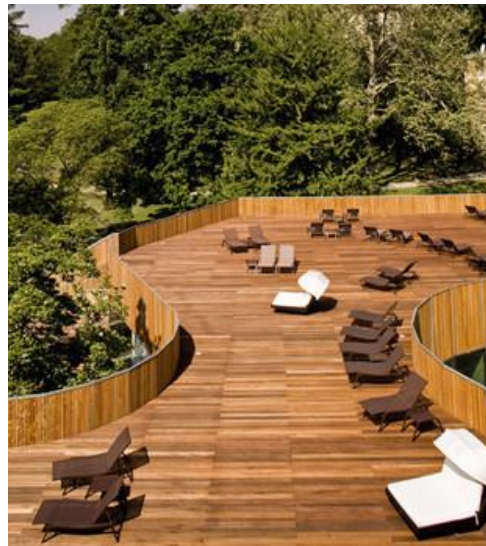
Restaurant and terraces



View from restaurant



2nd floor Suites



The platform and terrace looking over the outdoor pool

Section:

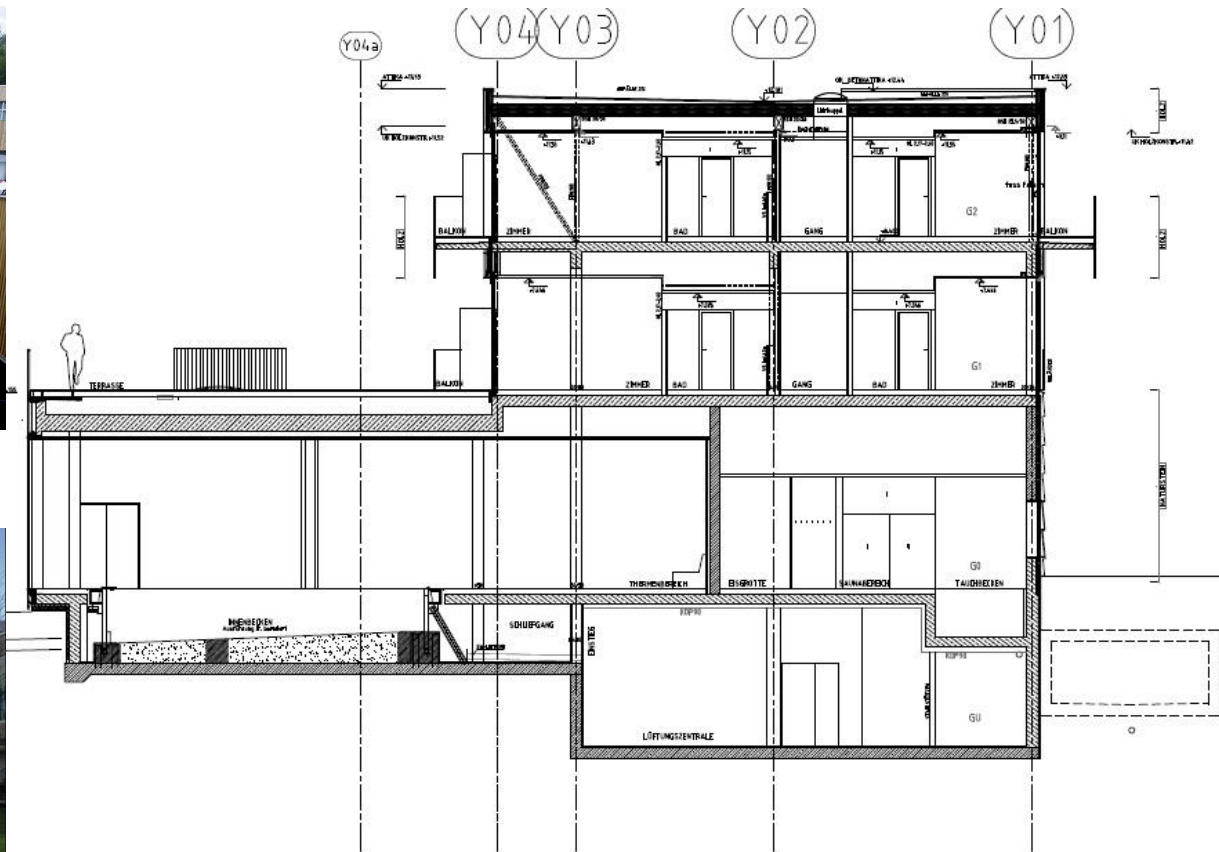
- The result is a staggered blocks of buildings, three storeys to the front and to the park side one to two storeys.



The Sauna area



The Dry area



Concept



Building blending in nature



The building reflecting nature



Curves



Preserving the site's trees

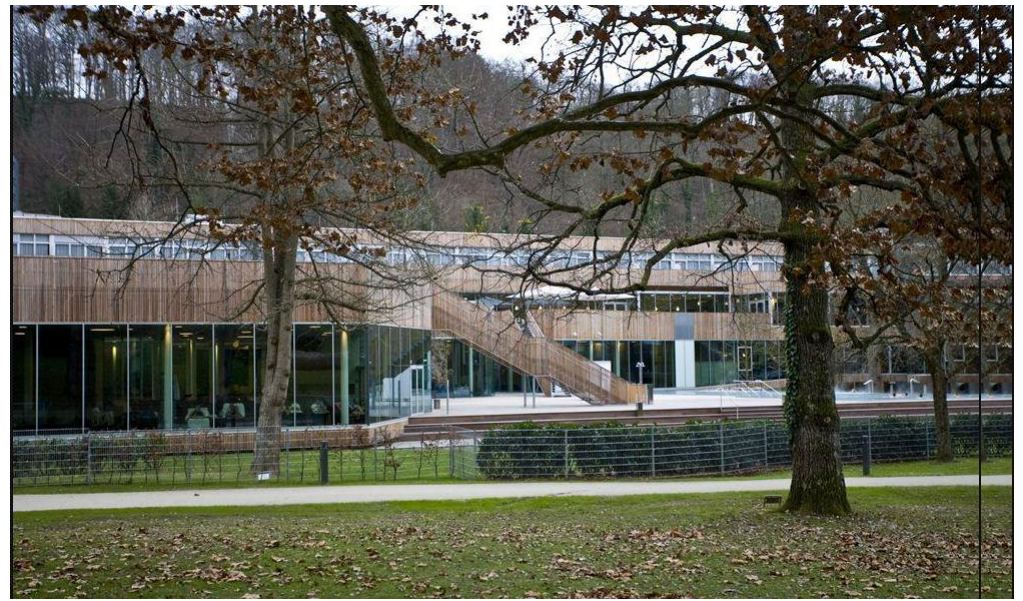
Materials



Elevations



Front elevation



From Park side



Back elevation

Interior

