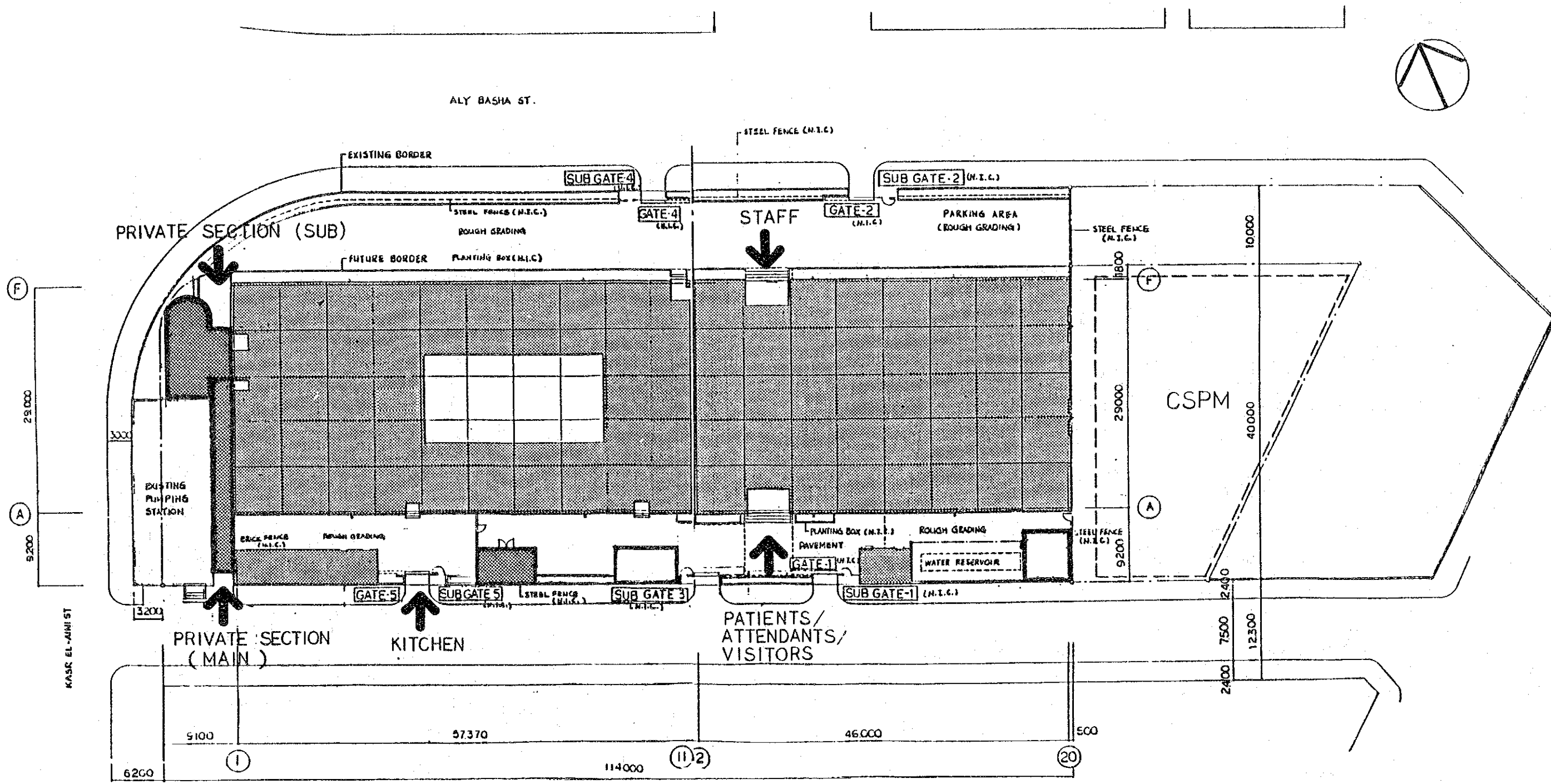
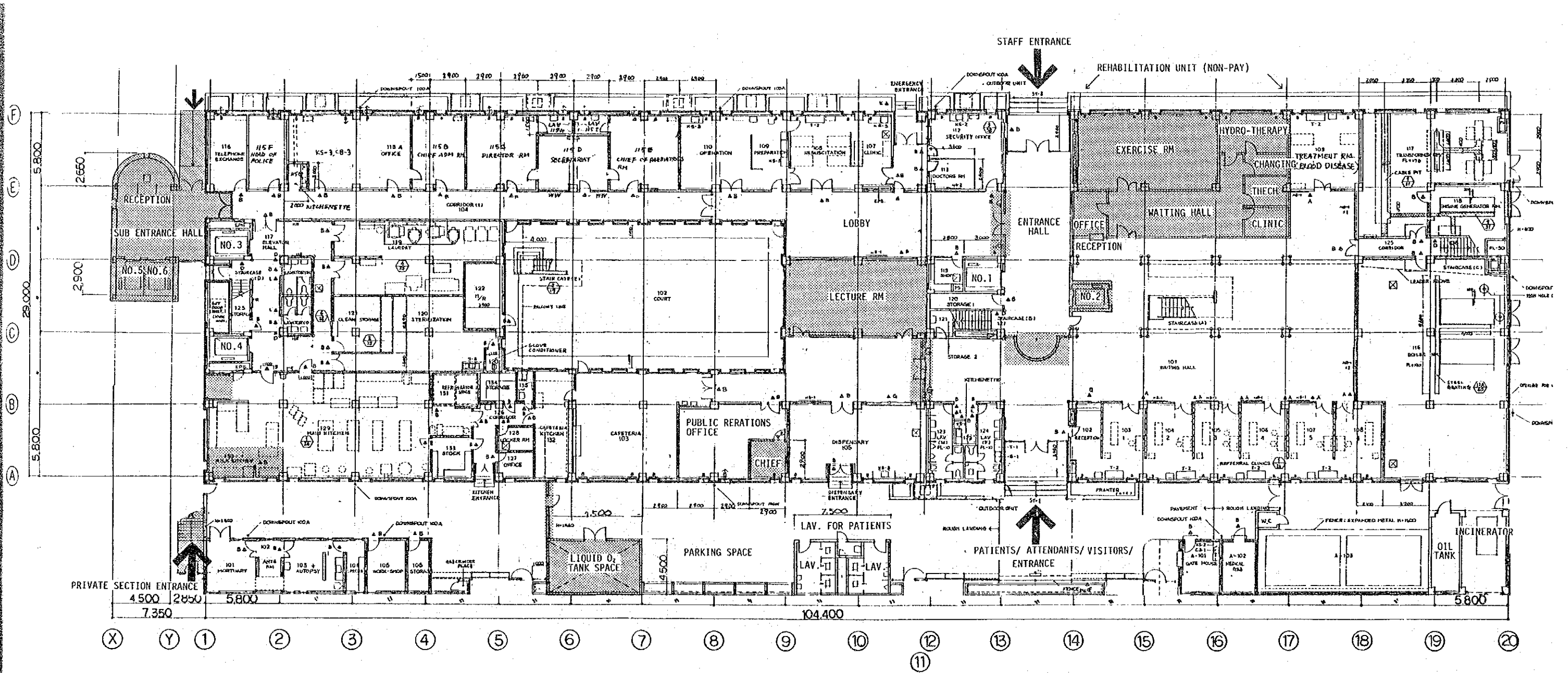


基本設計図

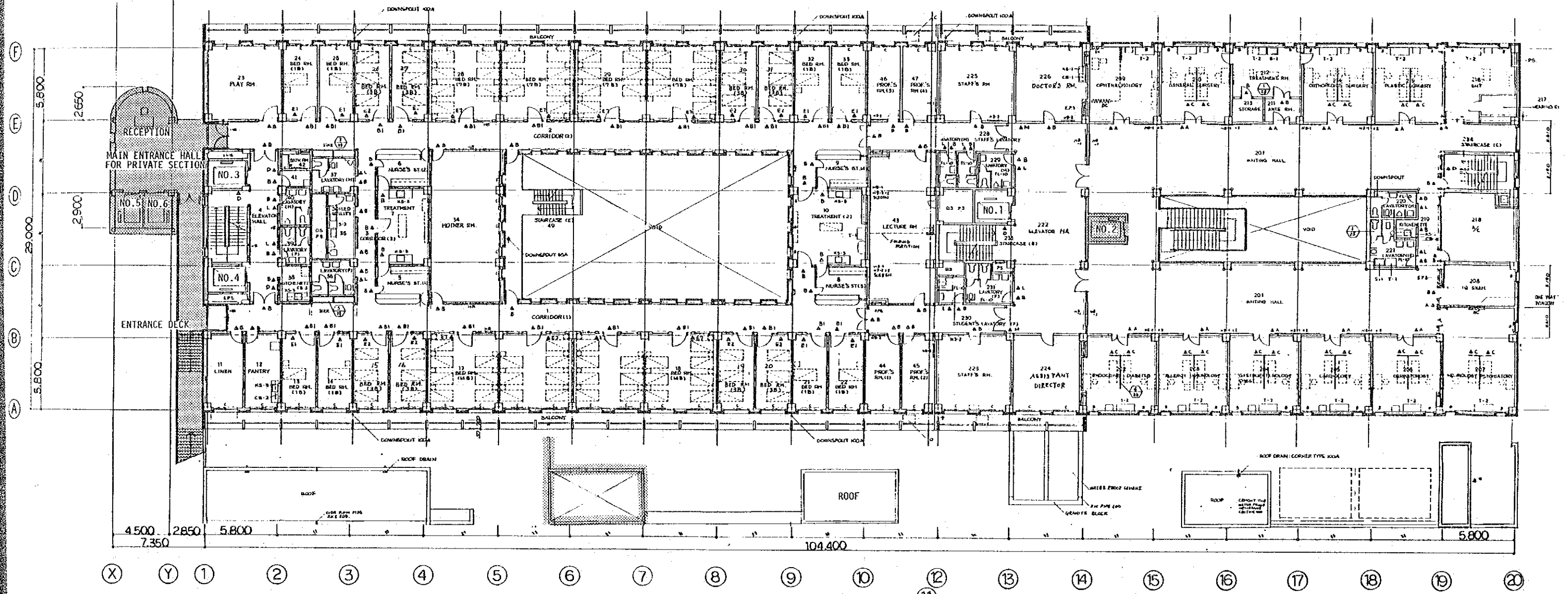


SITE PLAN 1:500

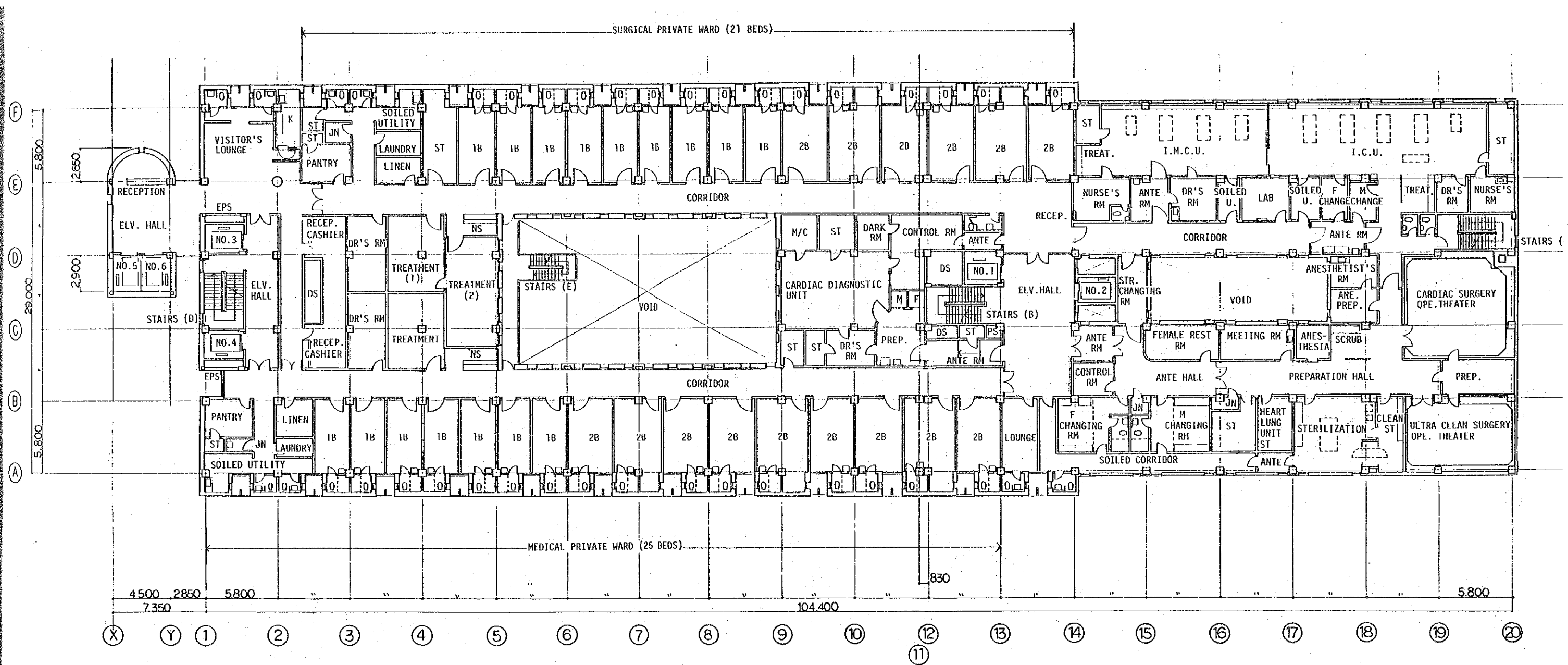


EXTENSION OR RENOVATION

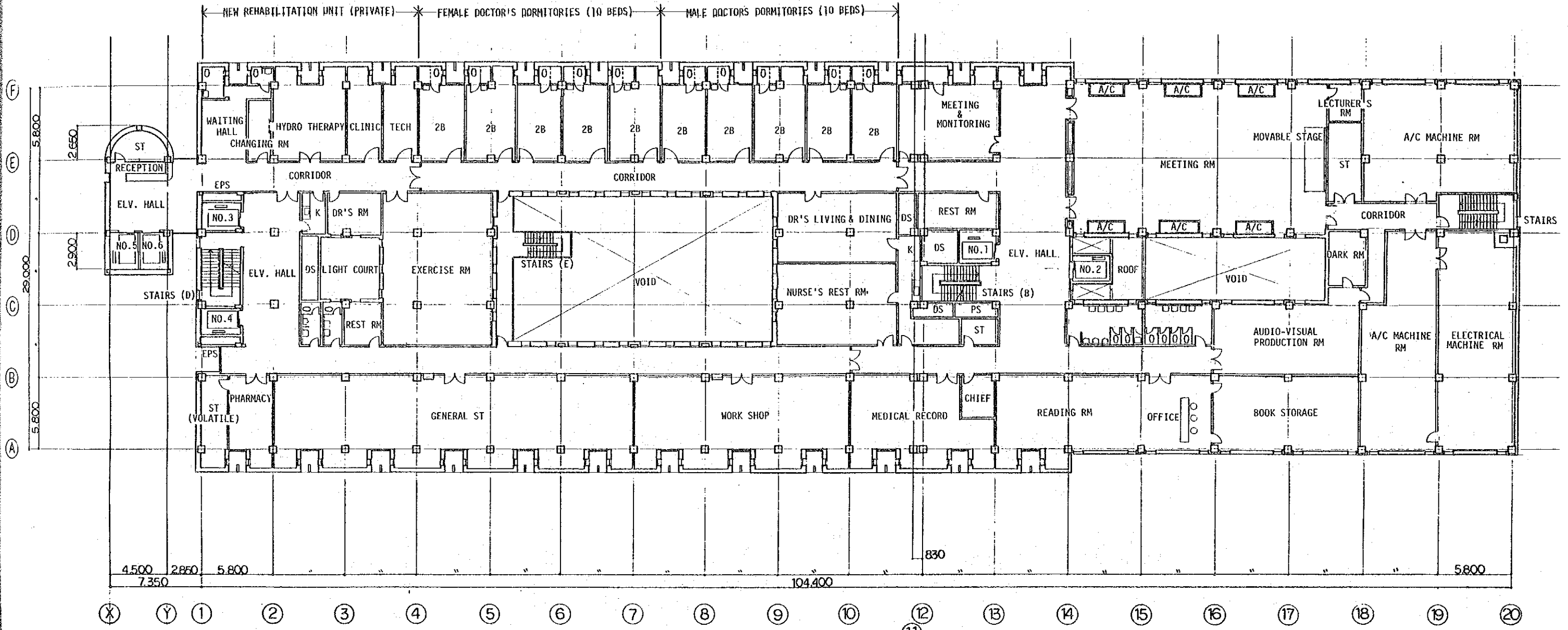
1ST FLOOR PLAN 1:300



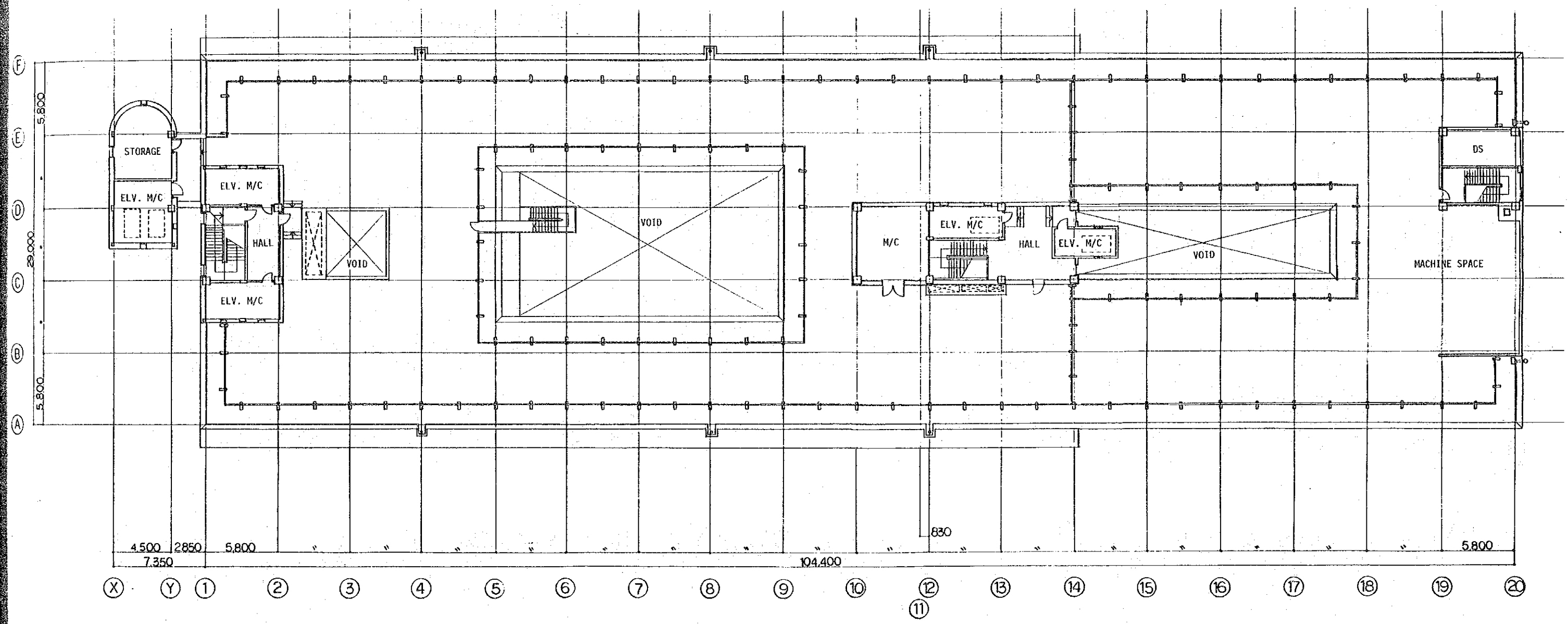
2ND FLOOR PLAN 1:300



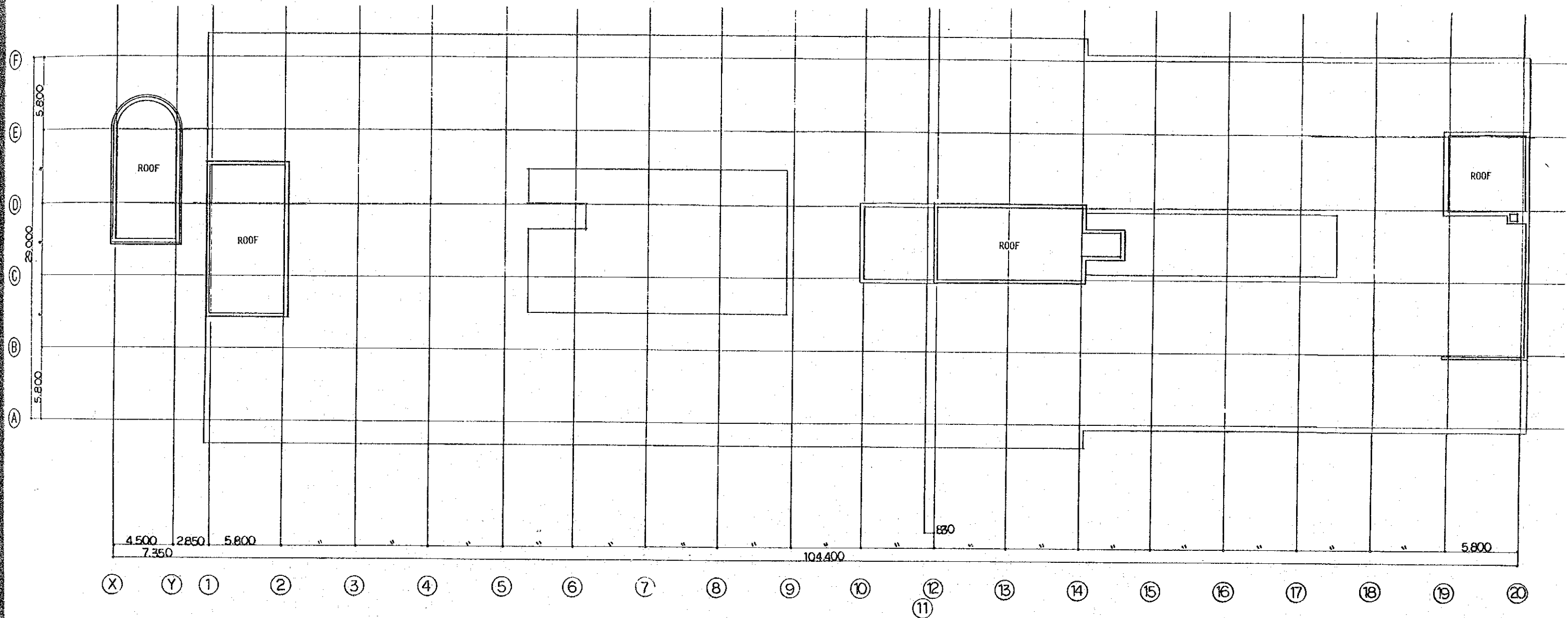
5TH FLOOR PLAN 1:300



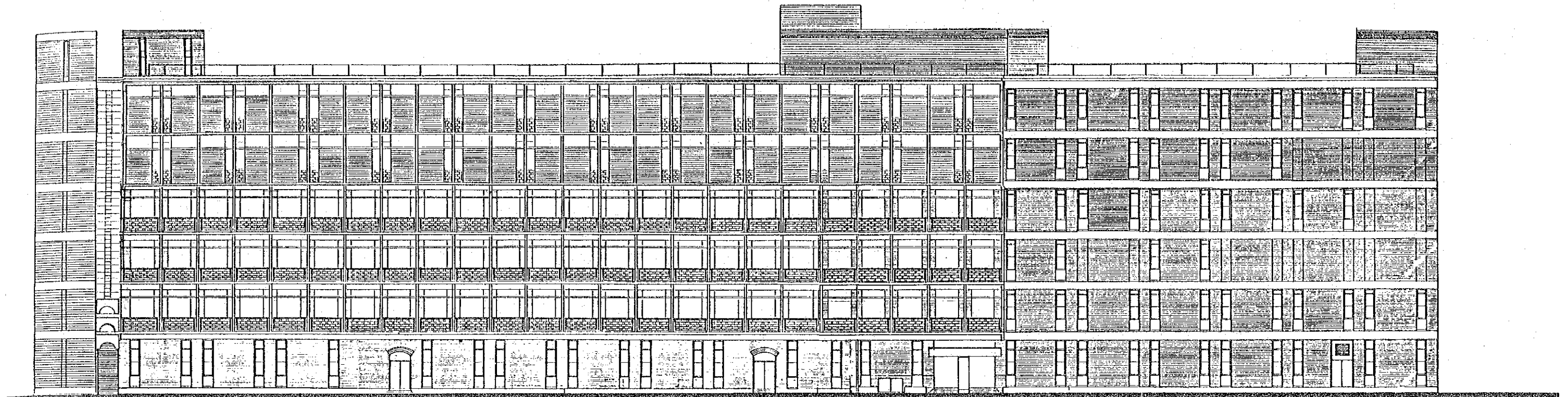
6TH FLOOR PLAN 1:300



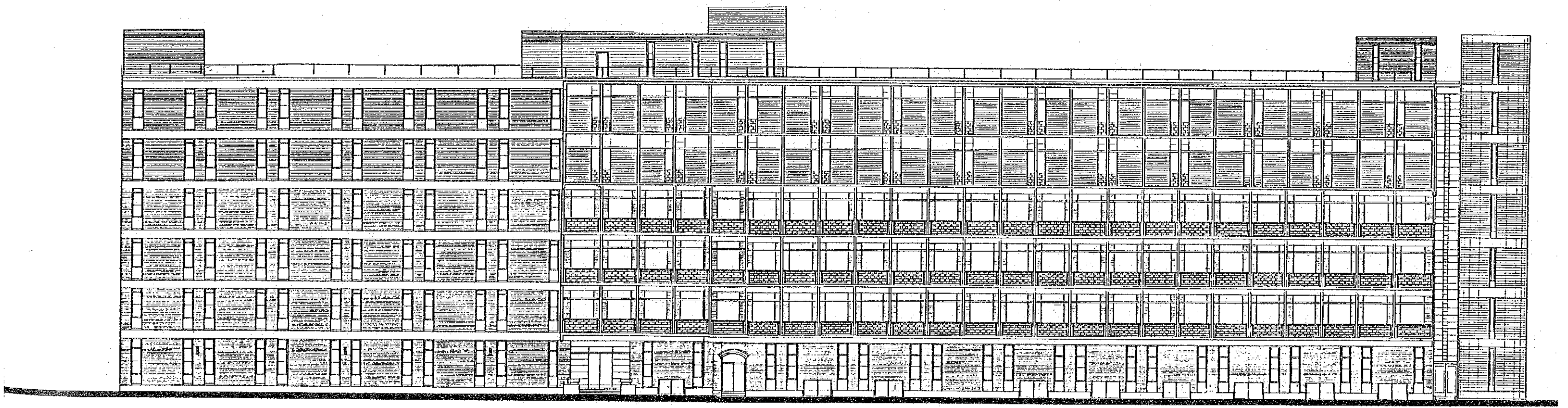
PH. & ROOF PLANS 1:300



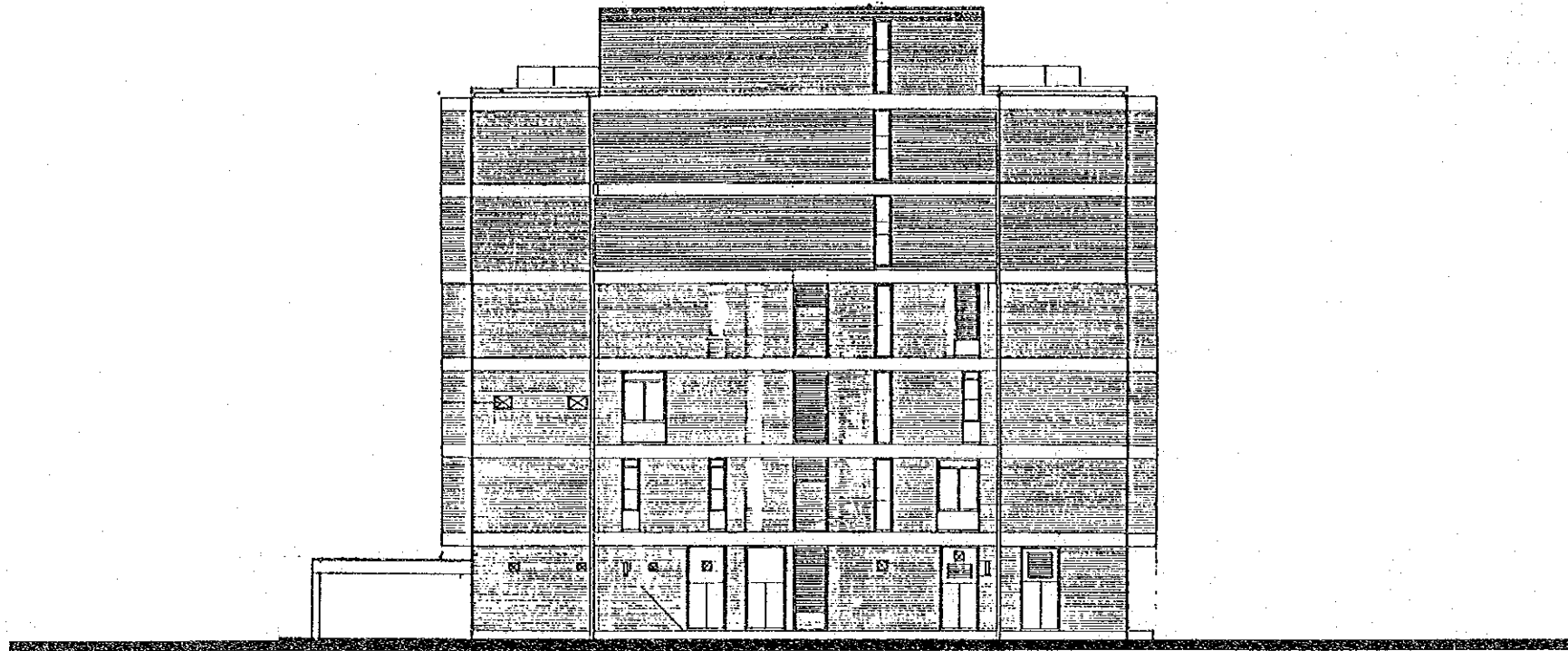
ROOF PLAN 1:300



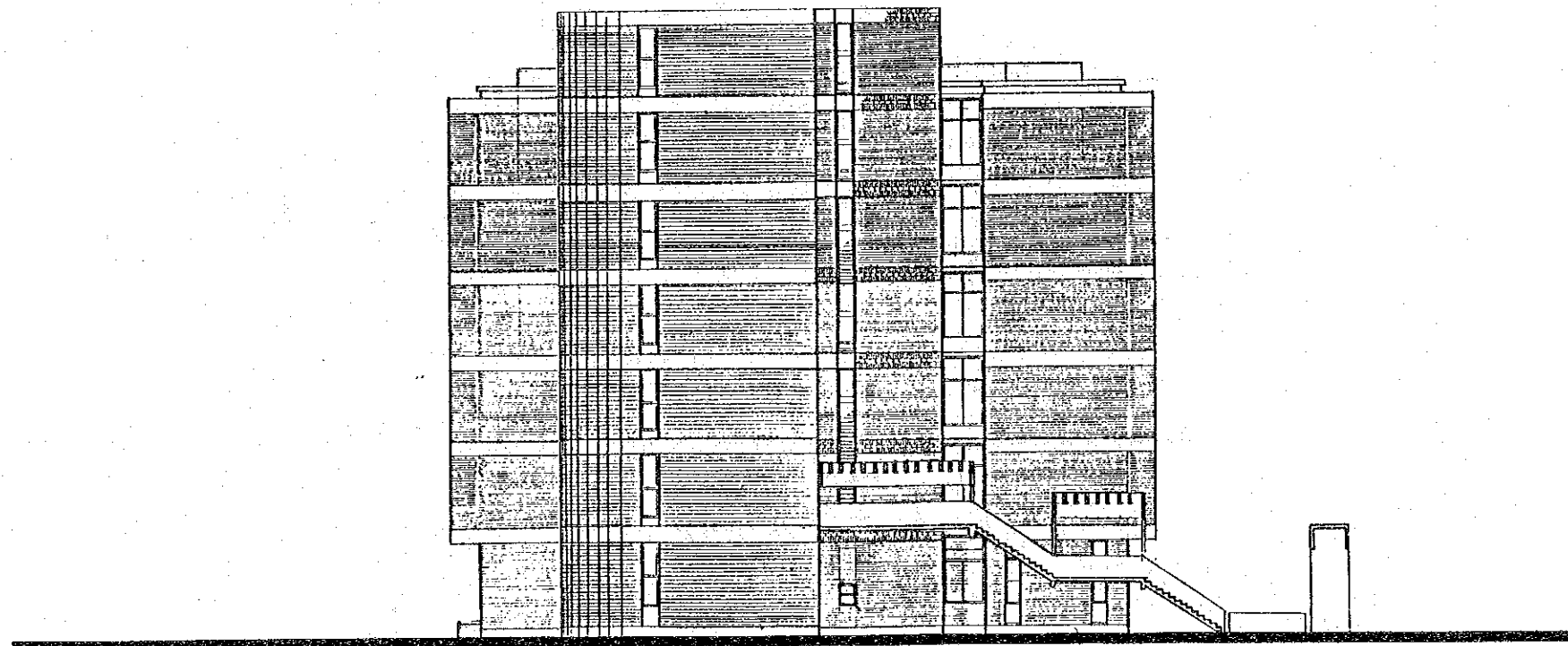
SOUTH ELEVATION 1:300



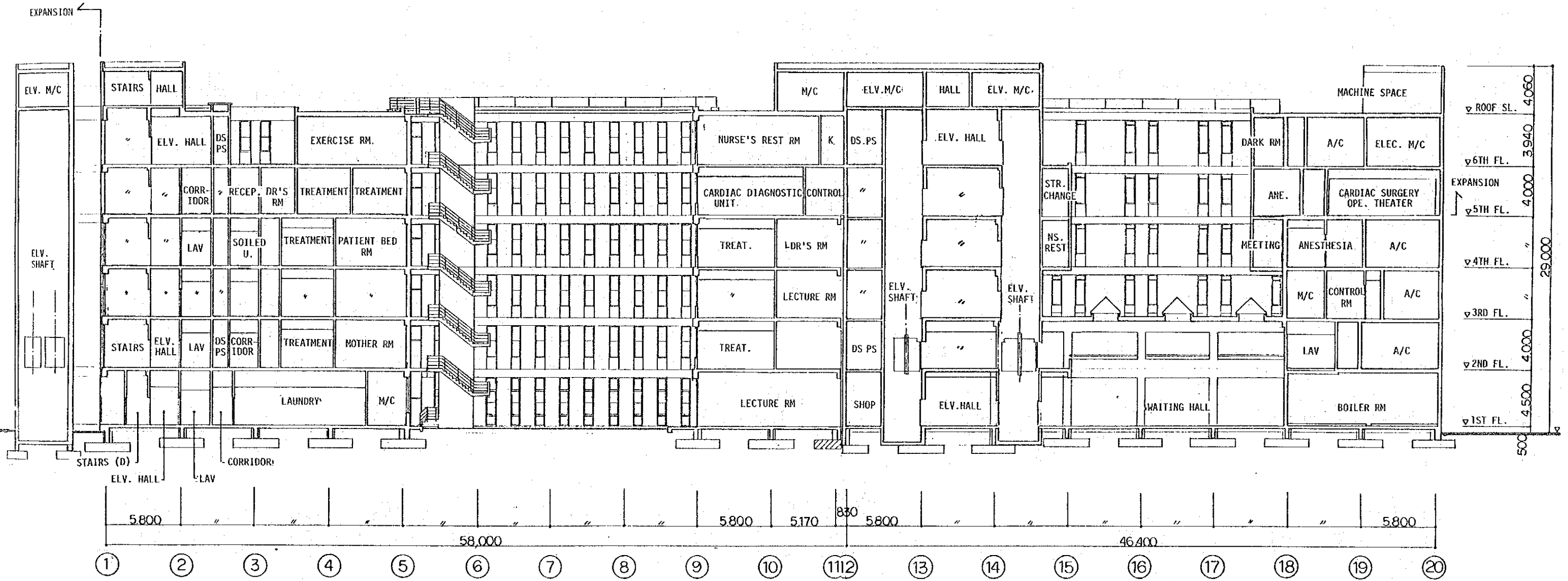
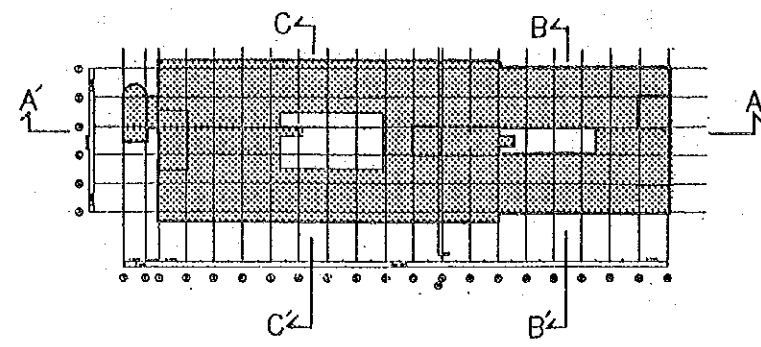
NORTH ELEVATION 1:300



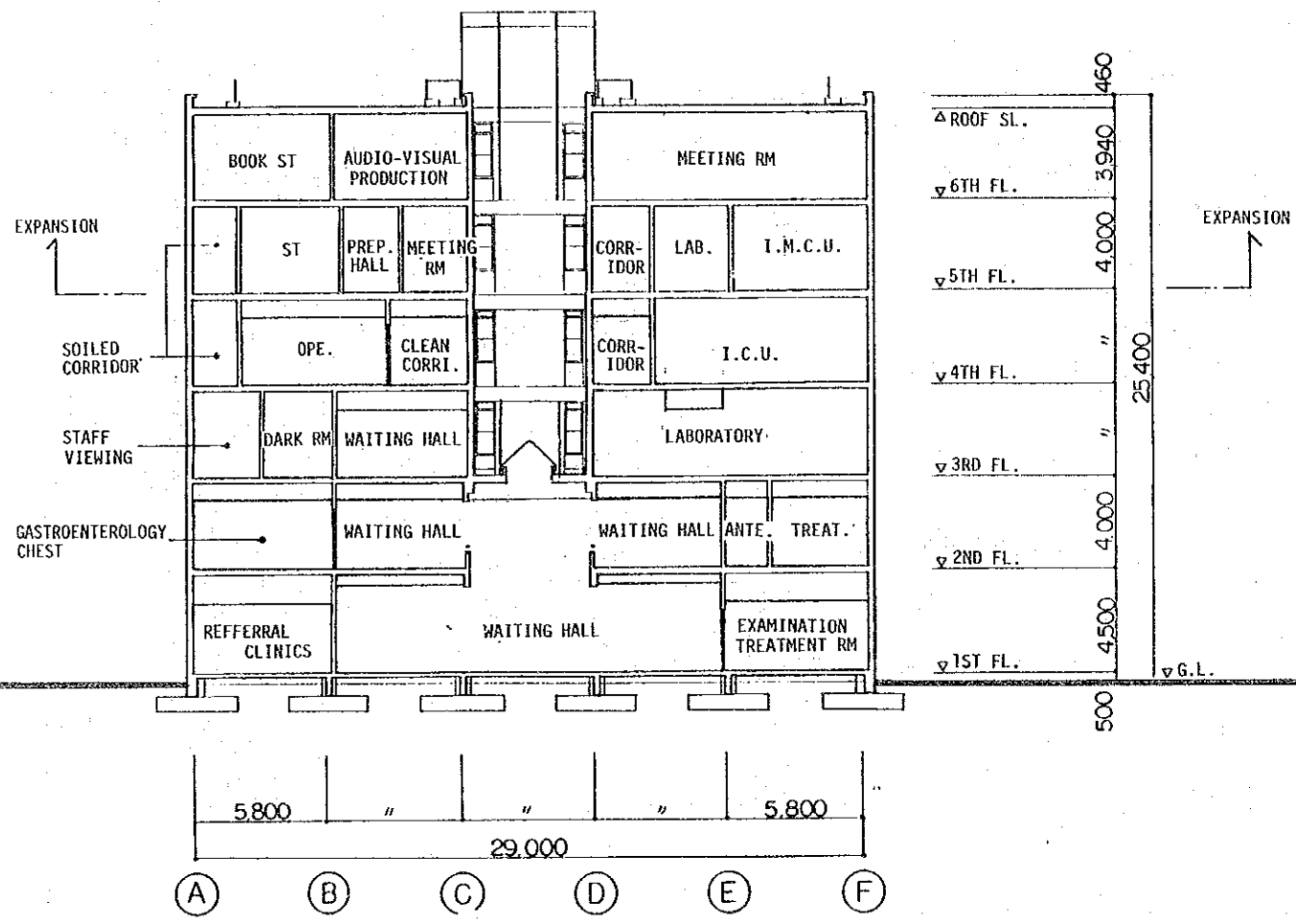
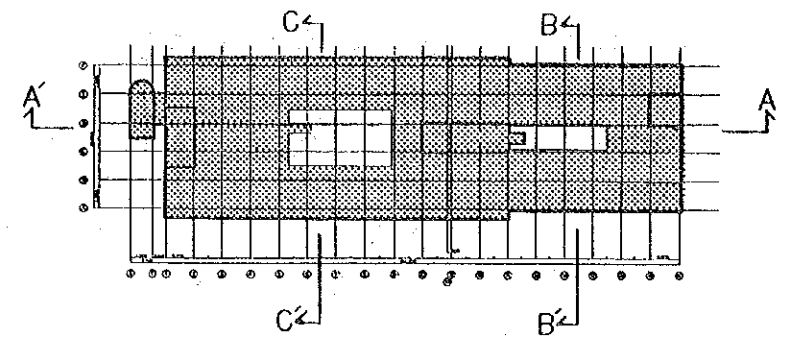
EAST ELEVATION 1:300



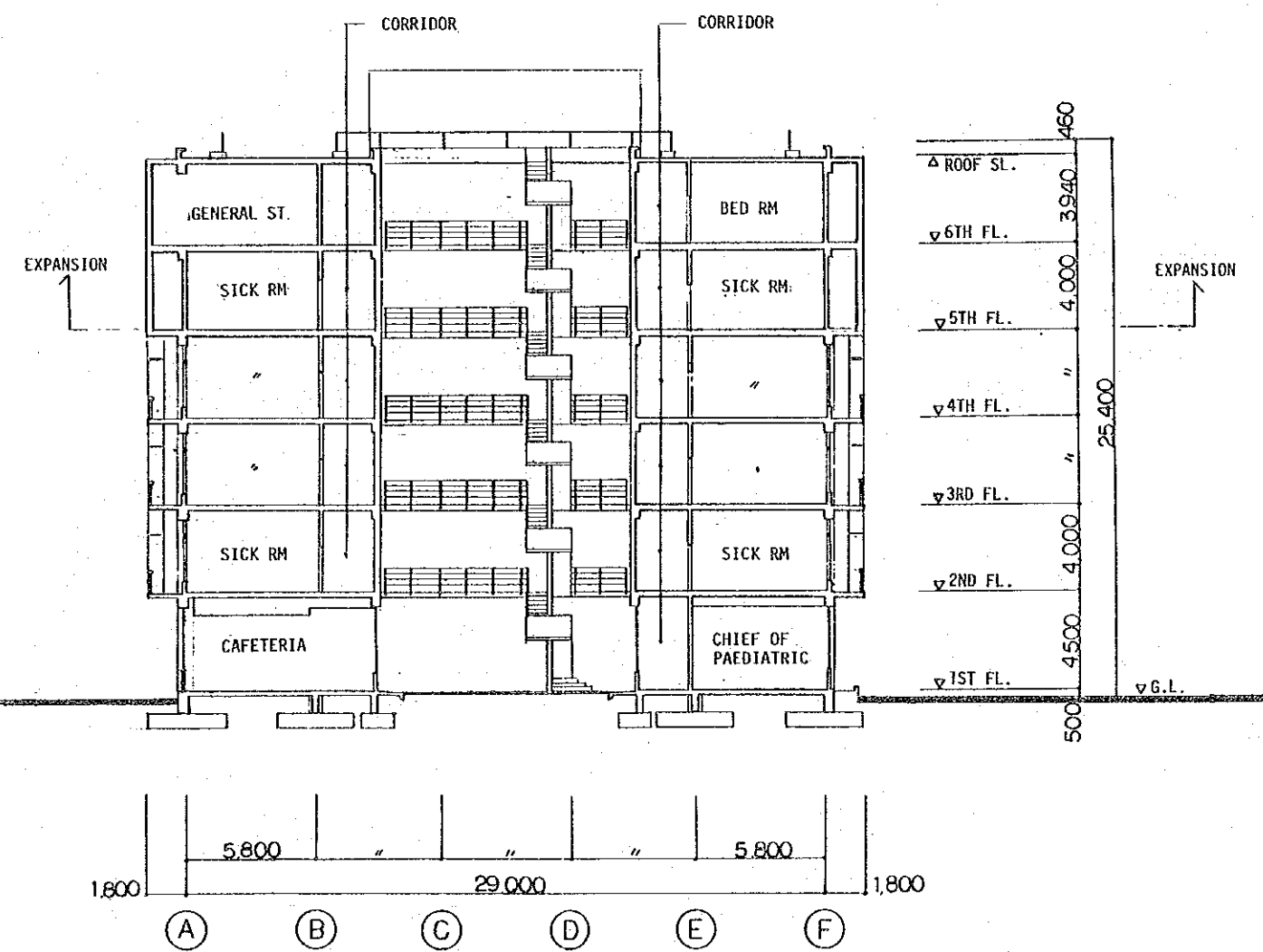
WEST ELEVATION 1:300



A-A SECTION 1:300



B-B' SECTION 1:300



C-C' SECTION 1:300

付属資料

目 次

付属資料	1.	基本設計現地調査	
		1-1 調査団の構成	1
		1-2 訪問先・面会者	2
		1-3 現地調査日程	4
		1-4 ミニッツ	5
付属資料	2.	ドラフト ファイナルレポート説明	
		2-1 調査団の構成	9
		2-2 現地調査日程	9
		2-3 ミニッツ	10
付属資料	3.	カイロ大学小児病院の診療統計	
		3-1 患者数	12
		3-2 手術数	15
		3-3 入院患者数	15
		3-4 検査部門の内容	15
		3-5 X線部門の内容	15
		3-6 生理検査部門の内容	16
付属資料	4.	CUPH/CSPMの機能マトリックス	18
付属資料	5.	JICAからの質問書とカイロ大学小児病院の回答書	29
付属資料	6.	カイロ大学小児病院の年間予算等	
		6-1 年間予算データ	32
		6-2 年間支出データ	33
		6-3 職員給与	34
		6-4 職員数と給与	35

付属資料	7.	エジプト国の医療施設データ	
	7-1	エジプト国における小児医療施設	36
	7-2	エジプト国における小児保健施設	38
	7-3	エジプト国における風土病医療施設	39
付属資料	8.	カイロ市内の病院データ	
	8-1	ミスルインターナショナル病院	40
	8-2	アズサラームインターナショナル病院	45
	8-3	アラブコントラクター病院	50
	8-4	アインシャムス大学専門病院	56
	8-5	ナイルバドラヴィ病院	65
	8-6	カイロ大学医学部総合病院(マニアル病院)心臓外科	68
付属資料	9.	輸入禁止品目(法令からの抜粋)	71
付属資料	10.	免税に関する法令(抜粋)	79
付属資料	11.	医療機材リスト (別冊)	

付属資料 1

基本設計現地調査

付属資料 1 基本設計現地調査

1-1 調査団の構成

- | | | | |
|-----|------------|-------|------------------|
| (1) | 団長(総括) | 野田 亮二 | 外務省経済協力局無償資金協力課 |
| (2) | 団員(心臓外科) | 井上 恒一 | 昭和大学外科講師 |
| (3) | 団員(小児看護学) | 堀井 理司 | 東京女子医科大学看護短期大学助手 |
| (4) | 団員(建築計画) | 敷田耕一郎 | (株)日建設計 |
| (5) | 団員(施工計画) | 佐藤 睦生 | (株)日建設計 |
| (6) | 団員(電気設備計画) | 星野修一郎 | (株)日建設計 |
| (7) | 団員(機械設備計画) | 川瀬 貴晴 | (株)日建設計 |
| (8) | 団員(医療機材計画) | 佐藤 彰 | アイテック(株) |

1-2 訪問先・面会者

(1) カイロ大学小児病棟 (CUPH)

Prof. Dr. Hussein Kamel Baha El Din	General Director of CUPH, Professor of Paediatrics, Moderator of the Committee
Prof. Dr. Salah Nassar	Professor of Paediatrics & ICU Member of the Committee
Dr. Fawzan Shaltout	Lecturer of Paediatrics & Paediatric Cardiology
Dr. Ahmed El Beladey	Lecturer of Paediatrics & Paediatric Allergy
Mr. Mounir Hafez	Administrative director of CUPH Member of the Committee
Eng. Magda Zein Elabedein	Maintenance Engineer of CUPH

(JICA 技協チーム)

立山 恭子	チームリーダー
熊田 洋子	技協専門家
渡辺 薫	技協専門家
小野 正子	技協専門家
牛山 正英	技協専門家
山崎	コーディネーター
高倉 巖 (小児科)	東海大学医学部教授

(2) カイロ大学 (Cairo Univ.)

Prof. Dr. Helmy Nammer	President, Cairo Univ.
Prof. Dr. Hashem Fouad	Dean, Faculty of Medicine
Prof. Dr. Ahmed Hanafy Mahmoud	General Director of Cairo Univ. Hospitals
Prof. Dr. Anisa Hefny	Head of Paediatrics
Eng. Hassan Sharawy	Assistant General Secretary of Cairo Univ.
Pro. Dr. H. Gaafa	Professor of Cardiac Surgery Manial Hospital
Dr. Ben Yamin Mosad	Anesthesia Dept.

- (3) 人民議会 (Peoples' Assembly)
 Prof. Dr. Refaat El Mahgoub Speaker of Peoples's Assembly
- (4) 計画・国際協力省 (Ministry of Planning and International Cooperation)
 Dr. Kamal Ahmed El Ganzouri Deputy Prime Minister for Financial &
 Economic Affairs, Planning and International
 Cooperation
 Mrs. Omaima Abdel Aziz First Undersecretary,
 Asian, Latin America and Canada
 International Cooperation Affairs
 Mr. Saad Mohamed Bayoumi Undersecretary
- (5) Electricity Distribution Company
 Mr. Maher Mata Director
- (6) Cairo Electric Distribution Company
 Mr. Galal El Din El Said Bahbah Director
 Mrs. Soad
- (7) Industrial Gas Company
 Mr. Ebrahim Abu Elaimen Director
- (8) 中央電話局 (Telephone Central Office)
- (9) アインシャムス大学専門病院 (Ain Shams University Specialized Hospital)
- (10) ミスル インターナショナル ホスピタル (Misr International Hospital)
- (11) アラブ コントラクター メディカル センター (Arab Contractor Medical Center)
- (12) アズサラーム インターナショナル ホスピタル (As Salam International Hospital)

1-3 現地調査日程

日順	月/日(曜)	行程	調査内容
1	09/27 (土)	東京発	
2	09/28 (日)	カイロ着	
3	09/29 (月)	カイロ	日本大使館、JICA事務所、MOPIC表敬訪問、団内打合わせ
4	09/30 (火)	カイロ	CUPH、技協チームとの協議。施設現況調査
5	10/01 (水)	カイロ	CUPHとの協議。人民議会議長表敬訪問。 カイロ大学総合病院、カイロ大学旧小児病院視察
6	10/02 (木)	カイロ	CUPHとの協議。Misr Int'l Hospital、As Salam Int'l Hospital、Arab Contractor Medical Center視察
7	10/3 (金)	カイロ	資料検討、団内打合わせ
8	10/4 (土)	カイロ	CUPH(ミニッツドラフト)、技協チームとの協議。 Electricity Distribution Company、Cairo Electric Distribution Companyとの打合せ。 人民議会議長主催昼食会(於ナイルヒルトンホテル)
9	10/05 (日)	カイロ	ミニッツ署名、MOPIC、日本大使館、JICA事務所に結果報告、 調査団主催夕食会(於マリオットホテル)
10	10/06 (月)	カイロ	団内打合わせ。(井上、堀井団員カイロ発)
11	10/07 (火)	カイロ	CUPHとの技術協議。Ain Shams Univ.Specialized Hospital 視察。団内作業
12	10/08 (水)	カイロ	CUPH、技協チームとの技術協議。CUPH設備調査(電話) (野田団長カイロ発。井上、堀井団員東京着)。 機材ローカルエージェント、コスト調査
13	10/09 (木)	カイロ	CUPH、技協チームとの技術協議。中央電話局との打合わせ。 Industrial Gas Company視察・打合せ(医療ガス供給)。 CUPH設備調査(電力)、コスト調査
14	10/10 (金)	カイロ	資料整理、団内打合わせ。材料ローカルエージェント調査。 (野田団長東京着)
15	10/11 (土)	カイロ	CUPH、技協チームとの技術協議(Ope, ICU, IMCUについて)。 ローカルエージェント、コスト調査
16	10/12 (日)	カイロ	CUPH、技協チームとの技術協議(Ope, ICU, IMCUについて)。 輸入禁止物品物、ローカルエージェント、コスト調査。 JICA事務所へ結果報告
17	10/13 (月)	カイロ	CUPH、技協チームとの技術協議。Cairo Distribution Company訪問・協議。日本大使館へ結果報告
18	10/14 (火)	カイロ発*	*(敷田、佐藤、星野、川瀬、佐藤団員)
19	10/15 (水)		
20	10/16 (木)	東京着*	*(敷田、佐藤、星野、川瀬、佐藤団員)

註) MOPIC: Ministry of Planning and International Cooperation
CUPH: Cairo University Paediatric Hospital

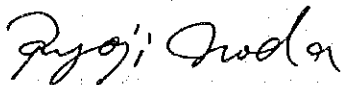
MINUTES OF DISCUSSIONS
ON
THE BASIC DESIGN STUDY
FOR
THE EXPANSION PROJECT OF CAIRO UNIVERSITY PEDIATRIC HOSPITAL
IN
ARAB REPUBLIC OF EGYPT

In response to the request by the Government of Arab Republic of Egypt, the Government of Japan decided to conduct Basic design study on the Expansion project of Cairo University pediatric Hospital (hereinafter referred to as "the project") and entrusted the study to Japan International Cooperation Agency (JICA). JICA sent the study team headed by Mr. Ryoji NODA, an official of Grant Aid Division, Economic Cooperation Bureau, Ministry of Foreign Affairs, to Egypt to conduct the study from the September 27, to October 16, 1986.

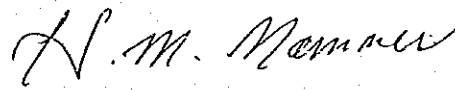
The team had a series of discussions and exchanged views with officials concerned of the Government of Egypt headed by prof. Dr. Helmy Nammar, president of Cairo University.

As a result of discussions, both parties agreed to recommend to their respective Governments to take necessary measures for the realization of the project as stated in the attachment to this minutes

October 5, 1986.



Mr. Ryoji NODA
Leader,
Japanese Study Team



Prof. Dr. Helmy Nammar
President,
Cairo University

ATTACHMENT

1. The objectives of the project and functions of the facilities were reconfirmed by the both sides.
2. The responsible agency and organization of the Government of Egypt for the implementation of the project as follows:

- (1) Responsible Agency: Cairo University
(represented by prof. Dr. Helmy Nammer, president)
- (2) Executing Agency:

Moderator: prof. Dr. Hussein Kamel Baha El Din
(Director of CUPH)

Member : Prof. Dr. A. El Hefny
(Head of Paediatric Dept.)
Prof. Dr. Ahmed Hanafy
(General Director of Univ. Hospitals)
Prof. Dr. Salah Nassar
(Prof. of Paediatrics, CUPH)
Eng. Hassan Sharawy
(Assistant General Secretary of Cairo Univ.)
Mr. Mounir Hafez
(Administrative Director of CUPH)

3. The undertakings of the both sides for the project were reconfirmed and agreed upon by the both sides as listed in Annex I.

Each side shall take necessary measures for the implementation of the project, on condition that the Grant Aid by the Government of Japan is extended to the project.

The scope of works to be undertaken by the Government of Japan will be decided according to the priority A,B,C given in the aforesaid list.

Priority is designated as follows:

- Priority A: essential for the project
- Priority B: necessary for the project
- Priority C: desirable for the project

4. The expected overall schedule for the project was agreed upon by the both sides as attached Annex II.

The Egyptian side assured the following:

(1) E/N for the detailed design should be ratified by the people's Assembly by the end of March 1987 so that the detailed design can be completed by the end of June 1987.

(2) Master E/N for the project (Construction and Medical Equipment supply) should be ratified by the end of June 1987 so that the construction work can start from the beginning of September 1987,

5. The floor plans, building sections and elevations of the planned building were agreed upon by the both sides as attached Annex X.

6. The concept, conditions, criteria and systems of the building facilities and Medical Equipment list were agreed upon by the both sides as attached herewith.

- | | |
|---|--------------|
| (1) Description of the project | : Annex III |
| (2) Architectural Design | : Annex IV |
| (3) Structural system Design | : Annex V |
| (4) Electrical system Design | : Annex VI |
| (5) Mechanical system Design | : Annex VII |
| (6) Vertical Transportation System Design | : Annex VIII |
| (7) Food Service System Design | : Annex IX |
| (8) Medical Equipment (incl. List) | : Annex XI |

7. The Egyptian side assumed the necessary budget for operation and maintenance of the expanded facilities as well as cardiac diagnosis and operations.

8. The tentative targets of the number of the cardiac surgery operation were confirmed as follows:

(1) In the first year (concentrating on relatively simple operations): 100

(2) After five years. : up to 300 - 500

9. Both parties should make efforts to overcome any difficulties or drawbacks in the future in the existing building facilities and equipment in

coordination with the expansion plan.

10. Conditions of the medical and non-medical equipment should be as follows:

(1) The contractor and supplier of the medical and non-medical equipment should be responsible for the following:

a) To guarantee the equipment, periodical checkup and supply of spare parts at the cost of the contractor for one year after completion of the works under the Grant Aid of the Japanese Government.

b) To assure the availability of the spare parts for the equipment for the Japanese legal period imposed on each equipment.

c) To assure to make a maintenance contract of the equipment with the Egyptian Government for at least Japanese legal period mentioned above when it is requested by the Egyptian Government.

The cost the aforesaid maintenance should be paid by the Egyptian Government.

(2) Equipment should belong to a company which has both a certified agent and a competent service station in Egypt for its full maintenance. Any exception for above rule should be agreed by both sides considering the nature of the equipment.

註) Annexは全て、本レポート内に盛り込まれているので省略する。

付属資料 2

ドラフト ファイナル レポート 説明

付属資料 2 ドラフト ファイナル レポート 説明

2-1 調査団の構成

- (1) 団長 (建築計画) 敷田耕一郎 (株)日建設計
- (2) 団員 (電気設備計画) 星野修一郎 (株)日建設計
- (3) 団員 (医療機材計画) 佐藤 彰 アイテック(株)

2-2 現地調査日程

日順	月/日(曜)	行程	調査内容
1	11/27 (土)	東京発	
2	11/28 (日)	カイロ着	
3	11/29 (月)	カイロ	JICA事務所訪問 CUPHとの予備協議
4	11/30 (火)	カイロ	CUPHとの協議 MOPIC、日本大使館へ表敬訪問
5	12/01 (水)	カイロ	CUPHとの協議 JICA事務所と打合せ
6	12/02 (木)	カイロ	CUPHとの協議
7	12/03 (金)	カイロ	ミニッツ(ドラフト)打合せ
8	12/04 (土)	カイロ	ミニッツ署名 MOPIC、日本大使館へ結果報告
9	12/05 (日)	カイロ発	
10	12/06 (月)		
11	12/07 (火)	東京着	

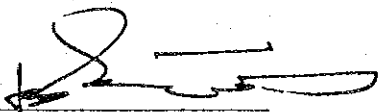
MINUTES OF DISCUSSIONS
ON
THE EXPANSION PROJECT
FOR
CAIRO UNIVERSITY PAEDIATRIC HOSPITAL
IN
THE ARAB REPUBLIC OF EGYPT

In response to the request of the Government of the Arab Republic of Egypt for Grant Assistance for the Expansion Project for Cairo University Paediatric Hospital (hereinafter referred to as "the Project"), the Government of Japan decided to conduct a basic design study on the Project and entrusted the study to Japan International Cooperation Agency (JICA). JICA sent to the Arab Republic of Egypt the team headed by Mr. Ryoji NODA, an official of Ministry of Foreign Affairs from September 27 to October 16, 1986.

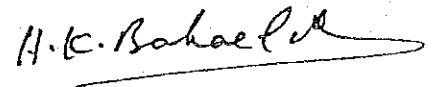
As a result of the study, JICA prepared a Draft Final Report of the Study and dispatched a Mission to explain and discuss it starting from November 27 to December 7, 1986.

Both parties had a series of discussions on the Report and agreed to recommend to their respective Governments that the major points of understanding reached between them, attached herewith, should be examined towards the realization of the Project.

December 4, 1986

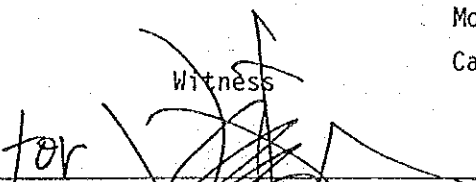


Koichiro SHIKIDA
Leader
Japanese Study Team



Prof. Dr. Hussein Kamel
Baha El Din
Moderator of the Committee
Cairo University

Witness

for

Akihiko HASHIMOTO
Resident Representative
Japan International Cooperation
Agency (JICA)

CAIRO

ATTACHED to Minutes of Discussions dated December 4, 1986

1. Cairo University wholely agreed upon the Draft Final Report prepared by JICA and submitted by the Japanese Mission after thorough review by the Committee of Cairo University.

The following are the major items proposed by the Japanese side in the aforesaid Report (clause 1-3) and agreed upon by the Egyptian side:

- (1) Scope of work to be carried out by the two parties.
- (2) Implementation Schedule
- (3) Procedures for construction work
- (4) Floor plan of the 5th floor
- (5) Operation of the newly-provided ICU and IMCU
- (6) No. of paediatric cardiosurgical operations
- (7) Guaranty of import of the materials and equipment
- (8) Exemption from social insurance
- (9) Storage yard for building materials and concrete plant

As to item (9) the Egyptian side promised to secure the following 3 spaces for the storage yard for building materials and concrete plant:

- Southern road (Ismail Sabry Street)
 - Eastern site of the CSPM
 - A part of the Old Paediatric Hospital
- In addition to the above,
- A part of the site of the Faculty of Pharmacy, if possible

(The site of Kasr El Aini Hospital can not be used)

2. The Final Report (10 copies in English) on the Project will be submitted to the Government of the Arab Republic of Egypt in February, 1987.
3. It is confirmed that the Egyptian side understood the system of Grant Aid Programme to be extended by the Government of Japan.

付属资料 3

カイロ大学小児病院の診療統計

付属資料 3 カイロ大学小児病院の診療統計

3-1 患者数

表A-3-1 1985年の患者数 (1)

Month	Psychiatry		Neurology		Ophthalmology		General Surgery		Urology		Neurosurgery		Brain	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Jan.	70	52	17	20	44	53	20	25	11	10	30	42	60	40
Feb.	75	53	143	122	71	39	47	25	16	9	83	73	56	53
Mar.	156	171	166	223	349	241	136	73	16	6	49	66	315	123
Apr.	148	168	79	144	387	268	122	86	16	6	44	76	298	157
May	144	154	112	142	221	174	122	86	33	91	173	78	303	103
Jun.	702	387	99	184	116	134	50	4	20	74	85	85	401	68
Jul.	296	198	149	112	130	120	35	19	52	22	130	62	268	204
Aug.	163	238	107	66	209	163	184	133	80	69	98	77	159	148
Sep.	147	192	134	105	216	261	127	122	103	67	147	99	295	108
Oct.	488	374	180	94	209	38	125	88	105	51	194	124	156	269
Nov.	381	349	150	129	253	199	104	93	101	68	142	98	343	160
Dec.	493	347	217	137	270	253	123	74	124	69	177	141	249	277
Total	3,263	2,683	1,553	1,478	2,475	1,943	1,195	828	677	542	1,352	1,021	2,903	1,710

表A-3-2 1985年の患者数 (2)

Month	Plastic Surgery		E.N.T.				Blood Transfusion		Growth & Development		Allergy		Chest	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Jan.	30	20	85	66	141	95	125	117	113	106	101	67	69	57
Feb.	25	21	52	54	126	164	147	83	102	79	76	71	48	35
Mar.	21	37	103	129	895	179	239	596	119	77	154	164	236	189
Apr.	73	68	103	71	495	917	234	450	57	277	160	91	112	63
May	62	43	152	113	860	205	205	554	74	222	180	33	191	84
Jun.	47	17	145	118	584	130	231	502	10	197	164	91	105	108
Jul.	36	28	188	108	353	361	317	416	115	92	136	119	147	111
Aug.	13	15	196	172	402	468	192	184	145	137	175	135	112	98
Sep.	86	64	465	267	1,079	334	332	200	57	249	162	183	71	87
Oct.	112	81	308	282	122	1,184	70	502	51	250	433	249	110	117
Nov.	89	75	255	252	432	565	197	202	123	132	154	135	170	123
Dec.	53	81	317	299	701	619	137	272	139	120	253	252	105	86
Total	647	550	2,369	1,931	6,190	5,221	2,426	4,078	1,105	1,938	2,148	1,590	1,476	1,158

表A-3-3 1985年の患者数 (3)

Month	Heart		Genetics		Kidney		Liver		Endemic	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Jan.	53	92	372	206	45	40	30	20	20	10
Feb.	82	194	227	159	46	42	41	34	34	14
Mar.	169	209	65	449	31	137	54	77	30	38
Apr.	196	193	88	512	30	164	11	32	83	62
May	309	284	473	475	94	381	28	95	76	59
Jun.	297	262	198	292	37	218	55	59	207	77
Jul.	288	271	267	223	115	140	54	60	99	65
Aug.	160	217	345	349	18	19	85	107	30	27
Sep.	266	240	64	397	70	184	59	43	-	-
Oct.	231	378	38	471	120	179	73	56	9	32
Nov.	248	247	308	191	31	20	94	85	97	107
Dec.	319	218	261	200	123	132	32	50	58	64
Total	2,618	2,805	2,706	3,924	760	1,656	616	718	743	555

3-2 手術数

表A-3-4 1985年の手術数

	General Surgery	Urology	Neuro-surgery	E.N.T.	Ortho-paedics	Ophthal-mology	Total per month
Jan.	69	5	19	3	9	33	138
Feb.	86	6	21	18	11	28	170
Mar.	72	11	19	17	13	41	163
Apr.	76	5	17	4	12	30	144
May	81	6	17	10	14	32	160
Jun.	55	8	11	13	9	30	126
Jul.	86	6	26	11	17	34	180
Aug.	70	12	17	15	6	24	144
Sep.	73	15	24	14	12	32	170
Oct.	92	10	18	17	10	29	176
Nov.	76	13	16	18	7	33	163
Dec.	97	8	29	22	19	45	220
Total	933	105	234	152	139	391	1,954
Reference (1984)	887	32		139		460	1,518

	General Surgery	Urology	Neuro-surgery	E.N.T.	Ortho-paedics	Ophthal-mology
Operation days (a week)	5	1	2	2	1	2
Number of beds (beds)	28	4	4	4	4	4

3-3 入院患者数

表 A-3-5 入院部門 (1985)

Section	No. of admissions	Mortality (%)	
Medical	2,995	143	(4.77)
Surgical*	1,996	22	(1.10)
ICU**	1,001	244	(24.37)
Total	5,922	409	(6.91)

* including Genral as well as special surgery.

** inlcuing post-operative care of some major operations.

3-4 検査部門

At offers wide variety of investigations e.g

- (1) Hematological : CBC - ESR - Hb & HCT - coagulation studies blood indices - serum iron etc.
- (2) Chemical : Kidney functions - liver funcitons - electrolytes serum lipids & proteins - CSFexam etc.
- (3) Immunolgical & Serological : ASOT - CRP - Paul Bunnel - (3 & 4) - Immunoglobulins - Widal test ... etc.
- (4) Microbiological : Blood cultures - Csr cultures - sputum Zeil - Nelson stains for T.B Bacilli ... etc.

The service is offered to both outpatients & inpatients.

3-5 X線部門

表 A-3-6 X線部門の患者数 (1985)

	average No. of films perpatient	N of films used	N. of patients
Plaim & controst films	3.02	16749	5548
CT Scans	5.07	3054	602

3-6 生理檢查部門

表 A-3-7

(1985)

	Number of Patients
Echo	414
EEG*	128
EMG	
Endo	237

* Working on E.E.G has started on 1-7-1985.

付属資料 4

CUPH/CSPMの機能マトリックス

付属資料 4 CUPH/CSPMの機能マトリックス

CUPH/CSPM - FACILITY MATRIX

Source:

"Work plan, Center for Social and Preventive Medicine, Cairo Univ. - Ministry of health "
July 19, 1981

prepared by: The Department of Paediatrics, Cairo Univ.,
The Urban Health Delivery System Project, Ministry of Health, with
assistance from the Westing House Health Systems Technical Advisory
Team

(Under AID Grant No.: 263-0065)

Abbreviations:

MCH	:	Maternal and Child Health
GUHC	:	General Urban Health Center
CSPM	:	Center for Social and Preventive Medicine
⊗	:	re-inforced by the expansion project
ED	:	Education
TR	:	Treatment

CUPH/CSPM FACILITY MATRIX (1)

FUNCTION/ACTIVITY	MCH CENTER		GUHC		CSPM		CUPH		ABUEL-RICH		OTHER
	ED	TR	ED	TR	ED	TR	ED	TR	ED	TR	ED
1. UNDER GRADUATE											
Education and Training:											
A. Medical											
1. Pediatrics											
a. General								xxxx			
b. Growth & Development					x	x		xxxx			
c. Risk Assessment	x	x			x	x		xxxx			
d. School Health					x	x		xxxx			
e. Medical Records					xx	xx		x			
f. Nutrition					x	x		x			
g. Perinatal Pediatrics					xx	xx		xx			
2. Obstetrics (Maternity)					x	x		xxxx			xxxx
a. General					x	x					
b. Risk Assessment					x	x					
c. Pre conceptual					x	x					
d. Prenatal					x	x					
e. Perinatal					x	x					
f. Postnatal					x	x					
g. Interconceptional					x	x					
h. Family Planning and Fertility Management					x	x					
3. Public Health, Preventive and Social Medicine (MCH and FP-related content)											
a. MCH											
b. Family Planning					xx	xx				x	
c. Community Medicine					xx	xx				x	
d. Elementary Statistics					xx	xx					
e. Epidemiology					xx	xx					
f. Environmental and Occupational Health					xx	xx				x	
g. Health Education					xx	xx				x	
h. Dental Health					xx	xx				x	
i. School Health					xx	xx					
j. Mental Health					xx	xx					

CUPH/CSPM FACILITY MATRIX (2)

FUNCTION/ACTIVITY	MCH CENTER		GUHC		GSPM		CUPH		ABUEL-RICH		OTHER	
	ED	TR	ED	TR	ED	TR	ED	TR	ED	TR	ED	
												ED
B. Dentistry												
1. Preventive Dentistry		x		x	x	x	x	x	x	x	xxxx	x
2. Pediatric Dentistry		x		x	x	x	x	x	x	x	xxxx	x
C. Nursing												
1. Pediatrics		x		x	x	x	x	x	x	x	xx	x
2. Obstetrical		x		x	x	x	x	x	x	x	xx	
3. Family Pl/Fertility Man.		x		x	x	x	x	x	x	x	xx	
4. Mid Wifery		x		x	x	x	x	x	x	x	xx	
5. Community Nursing		x		x	x	x	x	x	x	x	xx	
6. Supervisory Skills		x		x	x	x	x	x	x	x	xx	
D. Nutrition												
D. Nutrition		x		x	x	x	x	x	x	x	xxx	
E. Social Work												
E. Social Work		x		x	x	x	x	x	x	x	xxx	
F. Traditional Providers (Dayas)												
F. Traditional Providers (Dayas)		x		x	x	x	x	x	x	x	xxx	
G. Community Outreach Workers												
G. Community Outreach Workers		x		x	x	x	x	x	x	x	xxx	
H. Health Education												
H. Health Education		x		x	x	x	x	x	x	x	xx	
I. Management/Administration												
I. Management/Administration		x		x	x	x	x	x	x	x	xxx	

CUPH/CSPM FACILITY MATRIXM (3)

FUNCTION/ACTIVITY	MCH CENTER		GUHC		CSPM		CUPH		ABUEL-RICH		OTHER	
	ED	TR	ED	TR	ED	TR	ED	TR	ED	TR	ED	TR
II. GRADUATE AND POSTGRADUATE												
Education and Training												
A. Medical												
1. Pediatrics					x	x	xxxx					xxxx
2. Obstetrical (Maternity)					x	x	xxxx					
3. Public Health, Social and Preventive Medicine (MCH & F.P. Related)												
a. MCH	xx	xx	xx	xx	xx	xx	xx	x	x			
b. F.P./Fertility Management	xx	xx	xx	xx	xxxx	xxxx	xxxx	x	x			
c. Community Medicine	xx	xx	xx	xx	xxxx	xxxx	xxxx	x	x			
d. Community Organization	xx	xx	xx	xx	xxxx	xxxx	xxxx					
e. P.H. Organization/Administration	xxx	xx	xx	xx	xxxx	xxxx	xxxx					
f. Statistics	x	x	x	x	x	x	x					
g. Epidemiology	x	x	x	x	x	x	x					
h. Environmental Health	x	x	x	x	x	x	x					
i. Health Education	xx	xx	xx	xx	xxx	xxx	xxx					
j. Dental Health	xx	xx	xx	xx	xx	xx	xx					
k. School Health					xxx	xxx	xxx					
l. Nutrition	xx	xx	xx	xx	xxx	xxx	xxx					
B. Preventive Dentistry					x	x	xxxx					xxx
C. Nursing												
a. MCH					x	x	xxxx					xxx
b. Family Planning/Fert					x	x	xxxx					xxx
c. Mid Wifery					x	x	xxxx					xxx
d. Community Nursing					x	x	xxxx					xxx
e. Supervisory Skills					x	x	xxx					xxx
f. Clinical Practice - Critical Care (ICU)							xxxx					xxx
D. Nutrition												
E. Social Work					xx	xx	xxxx					xxx
F. Health Education					xx	xx	xxxx					xxx

CUPH/CSPM FACILITY MATRIXM (4)

FUNCTION/ACTIVITY	MCH CENTER		GUHC		CSPM		CUPH		ABUEL-RICH		OTHER	
	ED	TR	ED	TR	ED	TR	ED	TR	ED	TR	ED	TR
<u>III. RESEARCH</u>												
A. Medical												
1. Pediatrics	x	x	x	x	xx	xx	xxxx	xxxx				xxxx
2. Obsterics	x	x	x	x	xx	xx	xxxx	xxxx				xxxx
B. Biomedical												
C. Social & Preventive												
1. Socio-economic	x	x	x	x	xxxx	xxxx	xxxx	x				x
2. Socio-cultural	x	x	x	x	xxxx	xxxx	xxxx	x				x
3. Nutritional	x	x	x	x	xxxx	xxxx	xxxx	x				x
4. Environmental	x	x	x	x	xxxx	xxxx	xxxx	x				x
5. Epidemiological	x	x	x	x	xxxx	xxxx	xxxx	x				x
6. Health Services	x	x	x	x	xxxx	xxxx	xxxx	x				x
D. Planning Unit												
1. Planning Unit		x		x	xxxx	xxxx	xxxx					x
E. Information Unit (Education and Feedback)												
1. Information Unit (Education and Feedback)		x		x	xxxx	xxxx	xxxx					x

CUPH/CSPM FACILITY MATRIX (5)

FUNCTION/ACTIVITY	MCH CENTER		GUHC		CSPM		CUPH		ABUEL-RICH		OTHER	
	ED	TR	ED	TR	ED	TR	ED	TR	ED	TR	ED	ED
IV. OUT-PATIENT SERVICES												
A. Primary and Preventive												
1. Screening	x	xx	x	xx	xx	xxxx			x			
2. Primary Care	x	xx	x	xx	xx	xxxx			x			
3. Risk Assessment	x	xx	x	xx	xx	xxxx			x			
4. Well Child Care	x	xx	x	xx	xx	xxxx			x			
5. Immunization	x	xx	x	xx	xx	xxxx			x			
6. Oral Rehydration	x	xx	x	xx	xx	xxxx			x			
7. Follow-up Care	x	xx	x	xx	xx	xxxx			x			
8. Referral Services	x	xx	x	xx	xx	xxxx			x			
9. Prenatal Care	x	xx	x	xx	xx	xxxx			x			
10. Delivery-perinatal	x	xx	x	xx	xx	xxxx			x			
11. Post-Natal Care	x	xx	x	xx	xx	xxxx			x			
12. Family Planning and Fertility Management	x	xx	x	xx	xx	xxxx			x			
13. Minor Surgery	x	xx	x	xx	xx	xxxx			x			
14. School Health	x	xx	x	xx	xx	xxxx			x			
15. Nutrition Assessment	x	xx	x	xx	xx	xxxx			x			
16. Dental Care	x	xx	x	xx	xx	xxxx			x			
17. Mental Health	x	xx	x	xx	xx	xx			x			
18. health Education	x	xx	x	xx	xx	xxxx			x			
19. Social Services	x	xx	x	xx	xx	xxxx			x			
B. Secondary Level (Ambulatory Care) (Chronic Disease) (Specialty Clinics for Infants, Preschool and School-Age Children)												
1. Diagnostic Clinic								xxx				
2. Nutritional Rehabilitation					xxx	xxx		xxx				
3. I.V Rethydration				x	xxx	xxx		xxx				
4. Cardiology				x	xxx	xxx		xxx				
5. Neurology				x	xxx	xxx		xxx				
6. Endocrin - Metabolic					xxx	xxx		xxx				
7. Genetic					xxx	xxx		xxx				

CUPH/CSPM FACILITY MATRIX (6)

FUNCTION/ACTIVITYxxxx	MCHCENTER		GUHC		CSPM		CUPH		ABUEL-RICH		OTHER
	ED	TR	ED	TR	ED	TR	ED	TR	ED	TR	ED
8. Dermatology				x			xxx	xxx		x	
9. Parmatology				x			xxx	xxx		x	x
10. Pulmonary							xxx	xxx		x	x
11. Allergy-Immunology							xxx	xxx		x	x
12. Hematology							xxx	xxx		x	x
13. Gastro-Intestinal							xxx	xxx		x	x
14. Genito-Urinary							xxx	xxx		x	x
15. Eye				x			xxx	xxx		x	x
16. Ent				x			xxx	xxx		x	x
17. Plastic Surgery				x			xxx	xxx		x	x
18. Urology							xxx	xxx		x	x
19. Surgery							xxx	xxx		x	x
20. Orthopedic							xxx	xxx		x	x
21. Dental Surgery							xxx	xxx		x	x
22. Physical Medicine							xxx	xxx		x	x
23. Psychiatry							xxx	xxx		x	x
24. Emergency and Trauma							xxx	xxx		x	x
a. Poisoning				x			xxx	xxx		x	x
b. Orthopedic				x			xxx	xxx		x	x
c. Seizures				x			xxx	xxx		x	x
d. Dehydration and Shock				x			xxx	xxx		x	x
e. Child Abuse				x			xxx	xxx		x	x
f. Lacerations				x			xxx	xxx		x	x
g. Burns				x			xxx	xxx		x	x
h. Allergy				x			xxx	xxx		x	x
i. Head Injury				x			xxx	xxx		x	x
j. Acute Infections				x			xxx	xxx		x	x
k. Fever of Unknown Origin				x			xxx	xxx		x	x
25. Cardiac Surgery							xxx	xxx			
26. Cardiac Diagnosis							xxx	xxx			

CUPH/CSPM FACILITY MATRIX (7)

FUNCTION/ACTIVITY	MCH CENTER		GUHC		CSPM		CUPH		ABUEL-RICH		OTHER	
	ED	TR	ED	TR	ED	TR	ED	TR	ED	TR	ED	TR
V. IN-PATIENT SERVICES												
A. Secondary Level Care												
1. General Pediatrics								xxxⓧ				
2. Chronic Disease								xxⓧ				
3. Handicapped or Congenital Anomalities								xⓧ				
4. Surgery/Trauma								xxxⓧ				
5. I.V. Rehydration					xxx			xⓧ				
6. Mental Illness								xⓧ				
7. Diagnostic Evaluation						xx		xxxⓧ				
B. Tertiary Care												
1. Severe Life Threatening Conditions								xxxⓧ				
2. Major Surgery Cardiac Surgery								xxxⓧ				
3. Shock - ICU								ⓧxxxxⓧ				
4. Renal Dialysis								xx				
5. High-Risk Newborn								x				
C. High-Risk Maternal												

CUPH/CSPM FACILITY MATRIX (8)

FUNCTION/ACTIVITY	MCH CENTER		GUHC		CSPM		CUPH		ABUEL-RICH		OTHER
	ED	TR	ED	TR	ED	TR	ED	TR	ED	TR	ED
VI. SUPPORT SERVICES											
A. Laboratories											
1. Out-Patient		x		xx		xx		xxxx		xxx	
2. In-Patient						xx		xxxx			
3. Research						xxx		xxxx			
B. Radiology											
1. Basic Diagnostic				x		xx		xxxx		xx	
2. Fluoroscopy								xxx			
3. Therapeutic								xx			
4. Cat-Scan								xx②			
5. Other								x			
C. Pharmacies											
1. Out-Patient		x		x		x		xx②		x	
2. In-Patient						x		xxx③			
D. Libraries											
1. Basic Science and Medical		x		x		x		xxx②③		xx	
2. Public Health, Preventive Med. and Health Services Research		x		x		xxxx		x②		x	
E. Audio visual Services and Aids											
1. General		x				xxxx		xxx②③		x	
F. Special Functions											
1. Cardiology Lab								xx②			
2. Pulmonary Function Lab.								xx			
3. EGG								x			
4. Ultra Sound								x			
5. Renal Dialysis								x			
G. Transport											
1. General		x		x		xx		xx		x	
2. Ambulance				x		x		xxx		x	

CUPH/CSPM FACILITY MATRIX (9)

FUNCTION/ACTIVITY	MCH CENTER		GUHC		CSPM		CUPH		ABUEL-RICH		OTHER	
	ED	TR	ED	TR	ED	TR	ED	TR	ED	TR	ED	ED
VII. ADMINISTRATION												
A. Administration Office		x		xx		xx		xxx				x
B. Finance and Accounting		x		xx		xx		xxx				x
C. Personnel Services		x		xx		xxx		xxx				x
D. Medical Records		x		xx		xxx		xxxx③				x
E. Data Management and Statistical Unit		x		xx		xxxx		xxxx③				x
F. House Keeping		x		xx		xxx		xxxx				xx
G. Food Services						xx		xxx③				
H. Laundry		x		x		xx		xxx③				x
I. General Maintenance		x		x		xx		xxx				xx
J. Biomedical Maintenance		x		xx		xx		xxx				x
K. General Stores		x		xx		xx		xxx③③				x
L. Central Medical Supply				x		xxx		xxxx③				xx
M. Messenger Services				x		xx		xx				x
N. Printing						x		xx				
O. Solid Waste Disposal and Incineration		x		x		xx		xxx				x
P. Solid Waste Disposal and Incineration		xx		xx		xx						xx
Q. Security		x		x		xx		xxx				xx
R. Doctor's Dormitories								③③				xx
S. Nurse's Dormitories								③				xx

CUPH/CSPM FACILITY MATRIX (10)

FUNCTION/ACTIVITY	MCH CENTER		GUHC		CSPM		CUPH		ABUEL-RICH		OTHER	
	ED	TR	ED	TR	ED	TR	ED	TR	ED	TR	ED	TR
<u>VIII. OTHER SERVICES</u>												
A. Social Services		xxx		xxx		xxxx		x				x
B. Nutrition Education		xxx		xxx		xxxx		x				x
C. Health Education		xxx		xxx		xxxx		x				x
D. Community Education		xxx		xxx		xxxx		x				x
E. Other Community Service		xxx		xxx		xxxx		x				x

付属資料 5

JICAからの質問書とカイロ大学小児病院の回答書

付属資料 5 JICAからの質問書とカイロ大学小児病院の回答書

JAPAN INTERNATIONAL
COOPERATION AGENCY

P. O. B. 2667 CAIRO

26, El Kods El Sharif St. - El Mohandeseen, Dokki

Tel. 3471502 - 3464075 — Tlx. 93063 JICA UN

A. R. E.



هيئة المعونة الفنية اليابانية (جايجا)

٢٦ شارع القدس العربى - الهندسين

٣٤٦٤٠٧٥ - ٣٤٧١٥٠٢ : ت

Cairo, September 14, 1986

Dr. Hussien Kamel Bahaa El Din,
Director,
Cairo University Pediatric Hospital,
CAIRO UNIVERSITY

Dear Dr. Hussien,

In connection with the Program for Expansion of Cairo University Pediatric Hospital of which the Government of Japan is considering to undertake technical cooperation through JICA, which is the Pediatric Cardiographic Surgery, we have the pleasure to ask for your kind cooperation about some technical informations and fiscal estimations to facilitate our conducting the general feasibility plan of this unit.

It would be very helpful if you would let us know the estimation of the following requirements and expenses.

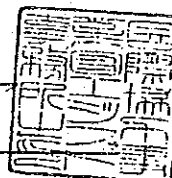
- a. How many operations will be carried out per year.
- b. How much do you estimate each operation cost (e.g. in Japan one operation costs about 20,000 U.S.\$)
- c. Who will cover these costs (Government share, patients share)
- d. How much do you estimate the budget required for the whole unit
- e. How many qualified doctors and specialized nurses are required for this unit and what kind of Academic qualification and training abroad is required.
- f. What is your idea about training those doctors and nurses.

Your kind cooperation and prompt reply shall be highly appreciated. Please accept my best regards.

Sincerely yours,

A. Hashimoto

Akihiko HASHIMOTO,
Resident Representative,
Japan International Cooperation
Agency (JICA)
CAIRO.





NEW CHILDREN'S HOSPITAL

Cairo, October 2, 1986

Mr. Akihiko Hashimoto
Resident Representative,
Japan International Cooperation
Agency (JICA)
Cairo

Dear Mr. Hashimoto,

In reference to your letter dated September 14, 1986 concerning the Program for Expansion of Cairo University Pediatric Hospital, I have the pleasure to submit to you the data about some technical informations and fiscal estimations requested by you.

- 1- Number of operations expected to be carried out per year:
300-500.
- 2- Estimated operation cost for one patient: 5000-8000 L.E.
- 3- Covering the costs:
 - a) Paying beds
 - b) Allocated budget from Cairo University through Ministry of High Education
 - c) Ministry of Public Health (medical commissioning) instead of sending patient abroad or to local private hospitals
- 4- Budget required for the whole project:
A sum of four and half million Egyptian pounds and sources of finance are as follows:

a) From the allocated budget from Cairo University through Ministry of High Education ...	2.000.000 L.E.
b) From the allocated budget from Ministry of Health contributing in treatment of patients ...	1.000.000 "
c) Paying beds in C.U.P.H. expansion ...	1.500.000 "
Total	4.500.000 L.E.
- 5- Qualified Doctors and specialized Nurses required for the unit:
 - a) Cardiac Surgery:
 - 2 Qualified Surgeons (M.D.)
 - 8 Training Assistants (M.Sc.)
 - 4 Perfusionists
 - b) Angio-Cardiography
 - 5 Qualified Pediatric Cardiologists (M.D.)
 - 5 Training Assistants (M.Sc.)

../.



NEW CHILDREN'S HOSPITAL

2.

c) Intensive and Intermediary Care Unit:

- 2 Professors (M.D.)
- 2 Assistants Professors (M.D.)
- 2 Lecturers (M.D.)
- 10 Full-Time Pediatricians (M.Sc.)
- 20 Trained Nurses

6- Training Doctors and Nurses :

- a) Technical Co-operation Project between Egypt and Japan
- b) Sending Trainees to Japan through Ministry of High Education (from Egyptian money)

We thank you in advance for your kind cooperation.

With our best regards.

Sincerely yours,

H.K. Bahaa El Din

付属資料 6

カイロ大学小児病院の年間予算等

付属資料 6 CUPHの年間予算等

6-1 年間予算データ

表A-6-1 1985年度年間予算

Numerical Order	Name of Item	Total (LE)
1.	Medicines	43,5913
2.	Alimentation	95,424
3.	Benzoyl & Oily Materials	1,833
4.	Spare Parts	6,019
5.	Variable Duty Materials	200,319
6.	Writing Articles	2,348
7.	Water	16,500
8.	Electricity	25,060
9.	Gas	6,700
10.	Biomedical Equipments & Others	82,710
11.	Maintenance	73,059
12.	Publication, Advertising, Journals Subscription	17,630
13.	Telephones, Postage, Telegrams	8,500
14.	Blood Transfusion, Other Expenses	15,185
15.	Taxes	12,800
	Total Sum	1,000,000

6-2 年間支出予一タ

表A-6-2 年間支出(1985年7月1日~1986年6月30日)

(Unit: LE)

Monthly Statement	Blood Transfusion	Gas	Duties	medicines	Trans- portations	Spare Parts	Taxes	Alimentation
1985 July	50.00	32.00	-	132.60	6.60	-	-	-
August	35.00	16.00	376.725	-	5.50	-	75.880	-
September	94.00	16.00	311.80	-	4.050	-	-	9.60
October	150.00	32.00	325.260	77.40	2.00	40.00	-	-
November	66.00	16.00	115.70	139.20	2.00	35.60	-	6.30
December	45.00	32.00	184.580	13.90	2.00	6.00	-	-
1986 January	240.00	32.00	167.00	213.250	2.00	-	-	9.90
February	130.00	33.00	125.00	63.150	2.00	-	-	-
March	-	34.50	341.650	303.40	2.00	-	64.040	-
April	270.10	17.70	14.570	39.50	2.00	139.00	-	-
May	243.00	17.70	14.750	157.60	2.00	-	-	10.00
June	500.00	17.70	29.150	132.60	2.00	-	-	-
Total Sum	1,823.100	296.600	2,006.185	1,242.600	34.150	220.600	139.920	35.800

6-3 職員給与

表A-6-3 職員の年間給与と賞与(1985年7月1日~1986年6月30日)

(Unit: LE)

Monthly Statement	Net Salaries	Bonuses, Overtime Salaries	Examinations Allowances
1985 July	20,664.550	1,181.730	-
August	19,079.370	2,482.770	-
September	22,404.260	1,012.640	-
October	21,219.900	3,418.550	-
November	20,012.640	2,035.650	45,279.280 December Examination
December	20,320.010	1,872.880	-
1986 January	18,673.280	1,023.410	-
February	18,722.880	1,046.480	-
March	18,848.720	1,520.220	-
April	19,322.810	1,034.910	-
May	18,110.050	1,444.750	9,422.900 Worker's Day Bonus May 1, 1986
June	18,266.450	5,647.210	53,882.880 June Examinations
Total Sum	235,644.920	23,721.200	108,585.060

6-4 職員数と給与

As of September 1986

Hospital Staff		Persons	Salary/Month (LE)
1.	Doctors (Full Timer) (Pharmacy)	28 3	2,531.62
2.	Workers (Female)	42	1,917.77
	1) Cleaning		
	2) Laundry		
	3) Kitchen		
	4) Elevators		
	5) Others		
3.	Workers (Male)	76	4,519.80
	1) Electrical	5	
	2) Oxygen station	4	
	3) Plumbing work	3	
	4) Boiler station	3	
	5) Generator	1	
	6) Sterilization	3	
	7) Elevator	3	
	8) Laundry	5	
	9) Cleaning	49	
4.	Employees	64	4,902.99
	1) Engineer	3	
	2) Assist. Engineer (elec.)	1	
	3) Social worker	5	
	4) Physio therapy	2	
	5) Technical lab.	6	
	6) X-ray technician	6	
	7) Nutrician	4	
	8) Administrators		
	9) Others		
5.	Nurses (inc. 5 graduated from High Institute of Nurses)	104	5,756.27
Total		317	19,628.45

付属資料 7

エジプト国の医療施設データ

付属資料 7 エジプト国の医療施設データ

7-1 エジプトにおける医療施設

(1) Number of Beds (in 1-1-1986)

1) Number of Beds in Ministry of Public Health (MPH)

- a. Rural Primary Health Care Units in small villages
(nearly one unit for each village) 2,025 units
- b. Urban Primary Health Care Centers in big cities.
- c. Maternal Child Health Centers in all cities of Egypt.
- d. Pediatric Wards in General Hospitals in all cities.
- e. Pediatric Hospitals (very few)

Total	59,912
-------	--------

2) Number of Beds in Other Ministries

- a. University Hospitals 13,393
- b. University Student's Hospitals 176
- c. Police Hospitals 211
- d. Prison's Hospitals 786
- e. Teaching Hospitals 3,406
- f. Other Treatment Institutes 626

Total	18,580
-------	--------

3) Number of Beds in Public Sector

- a. Medical Insurance 3,644
- b. Treatment Corporation 3,194
- c. Railways 420
- d. Others 1,043

Total	8,301
-------	-------

4) Number of Beds in Private Sector 7,561

Total Number of Beds	93,354
----------------------	--------

(2) Number of Hospitals

	Without Beds	With Beds	Total No. of Beds
1 General & Central Hospitals	2	184	
2 Polyclinics	144	-	-
3 Maternity & Childrens Hospitals	-	4	389
4 Psychiatric Hospitals	2	8	6,777
5 Pysch. Beds in General & Central Hospitals	12	12	163
6 Chest Diseases Hospitals	-	34	7,386
7 Chest Wards in Gen. & Central Hospitals	1	2	17
8 Chest Centers	62	19	400
9 Mass Dragnostic Units	57	-	-
10 Skin Diseases Hospital & Clinics	18	1	86
11 Wards for Skin Diseases in Gen. & Central Hospitals	47	11	58
12 Ophthalmology Hospitals	7	31	1,546
13 Wards for Ophth. in General & Central Hospitals	112	130	1,402
14 Endemic Diseases Hospitals	12	13	84
15 Wards for Endemic Diseases in Gen. & Cent. Hosp.	45	90	766
16 Lever Hospitals	-	79	7,111
17 Dep. of Int. Diseases in General & Central Hospitals	-	10	182
18 Leprosy Hospitals	15	3	1,370
19 Leprosy Dept. in General & Central Hospitals	44	-	-
20 School Health Hospitals	83	6	633
Total	663	637	28,370

7-2 エジプト国における母子保健施設

(1) Maternal & Child Health medical Services

a.	Centers in Cities	257
b.	Departments in Primary health Care Units in Small Villages	2,025
c.	Departments in Primary health Care Units in Large Villages	60

Total	2,342
-------	-------

(2) School Health Medical Services

a.	Student's Hospitals (533 Beds)	6
b.	General School Health Units	262
c.	Specialized School Health Units	49
d.	Rural Health Services	2,607

Total	2,294
-------	-------

(3) health Schools & Institutes

a.	Technical Health Institutes	6
b.	Technical Secondary Nursing Schools	116
c.	First Aid helper Schools	21

Total	143
-------	-----

7-3 エジプトにおける風土病医療施設

(1) Centers for Prevention of Endemic Diseases

1) Bilharziasis	1,616 Centers
2) Malaria	788 Centers
3) Mosquito Control	22 Centers
4) Yellow Fever	13 Centers

Total	2,436 Centers
-------	---------------

(2) Centers for Treatment of Endemic Diseases

1) Hospitals for Endemic Diseases

a. With Beds	:	5	(84 Beds)
b. Without Beds	:	8	

2) Movable Clinics

:	12
---	----

3) Departments for Endemic Diseases in Central and General Hospitals

a. With Beds	:	90	(766 Beds)
b. Without Beds	:	45	

4) Departments for Endemic Diseases in Rural Primary Health Care Units and Hospitals

a. With Beds	:	582	(8,590 Beds)
b. Without Beds	:	2,025	

5) Departments for Endemic Diseases in School Health Centers

268	(633 Beds)
-----	-------------

付属資料 8

カイロ市内の病院データ

1. ミスルインターナショナル病院
2. アズサラームインターナショナル病院
3. アラブコントラクター病院
4. アインシャムス大学専門病院
5. ナイルバドラヴィ病院
6. カイロ大学医学部総合病院

付属資料 8 カイロ市内病院データ

8-1 ミスルインターナショナル病院

Misr International Hospital

ミスルインターナショナルホスピタルはエジプト国内や外国の基金をもとに設立され、1983年1月に開院した私立の総合病院である。カイロの市街地に位置する。

建物は8階建、1階は事務やサービス部門、2階が外来クリニック、3階は手術部・検査部など、4階から8階が病棟となっており、各階30室2看護単位の構成で総病床数は150床である。病室は1床室が100室、2床室が25室で各々エアコン、バス(2床室はシャワー)トイレ、カラーテレビ付。

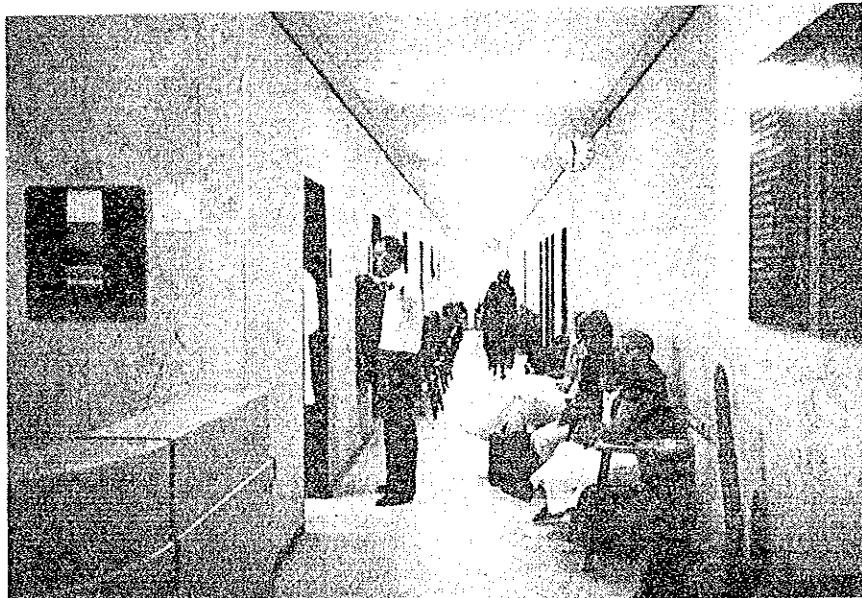
年間約5,000件の手術を行っているが小児の手術例は極めて少なく、又心臓外科手術についてはオープンハートはやっていないとのことであった。

建設にあたったメインコントラクターは西独の企業であり、医療機器もほとんどは西独製、メンテナンスの主任技師は西独人、スベアパーツの供給も西独から容易に手に入るとのことであった。

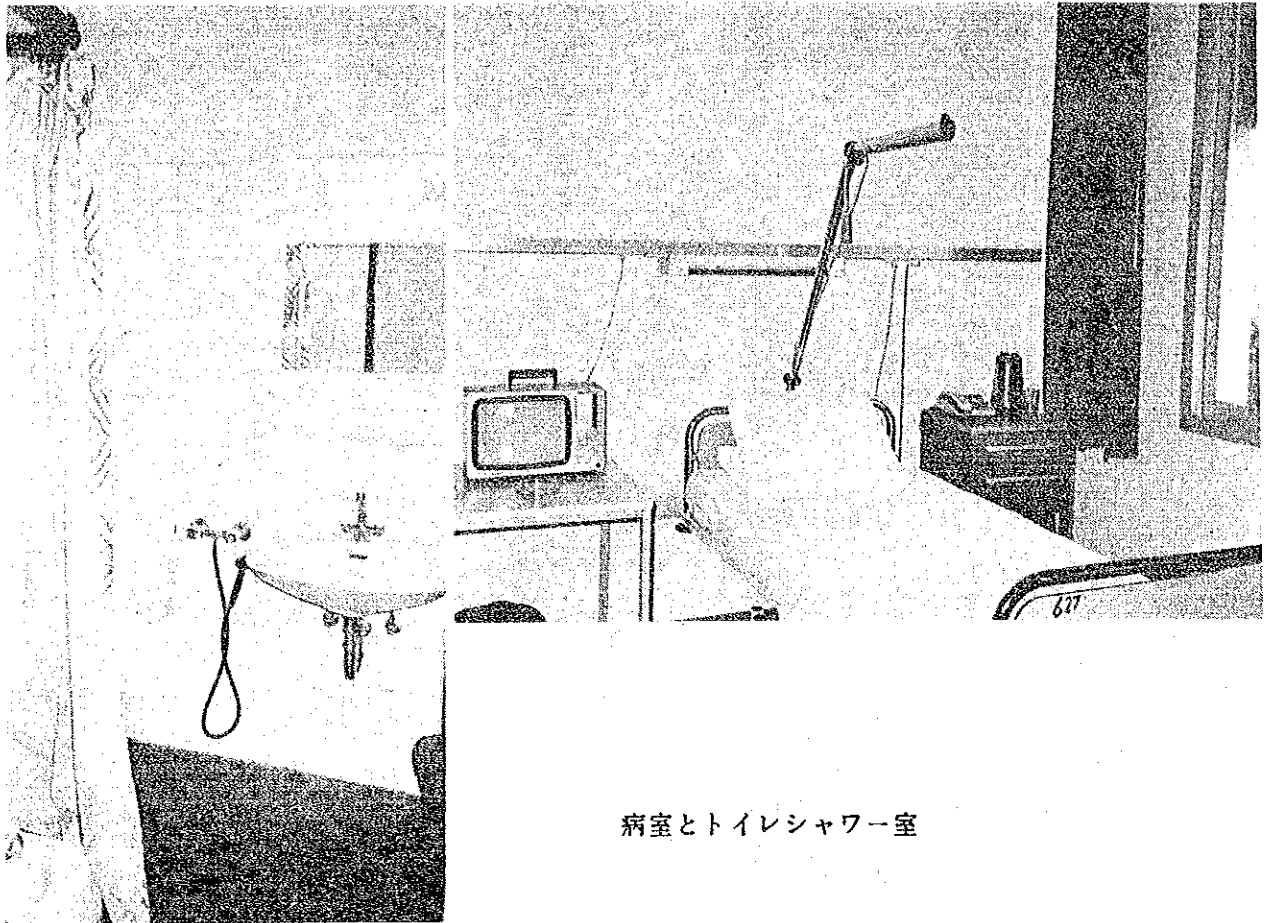
1. 開院年月日 1983年1月3日
2. 診療科目 歯科、一般及び特殊外科、一般及び特殊内科、産婦人科、耳鼻咽喉科、眼科
3. 病床数 外科 100、内科 125、ICU 8、その他 7 合計 150
4. 病室のタイプと設備 1床室100室、2床室25、エアコン、カラーテレビ、バス(2床室はシャワー)、トイレ
5. 病室の料金 1床室LE65/日 = 約7,700円/日、2床室LE35/日 = 約4,200円/日、ICU LE110/日 = 約13,000円/日
6. スタッフ 教授(Professor) 3、医師 22、レジデント 35、ナース 100~150、パラメディカル 50、事務 40、メンテナンス 12
合計312~342
7. 手術 脳外、泌尿器、一般外科
8. 手術件数 約5,000/1985年
9. CT 全身用、フィリップス製、検査件数15~20例/月、能力は9 Slices/phase



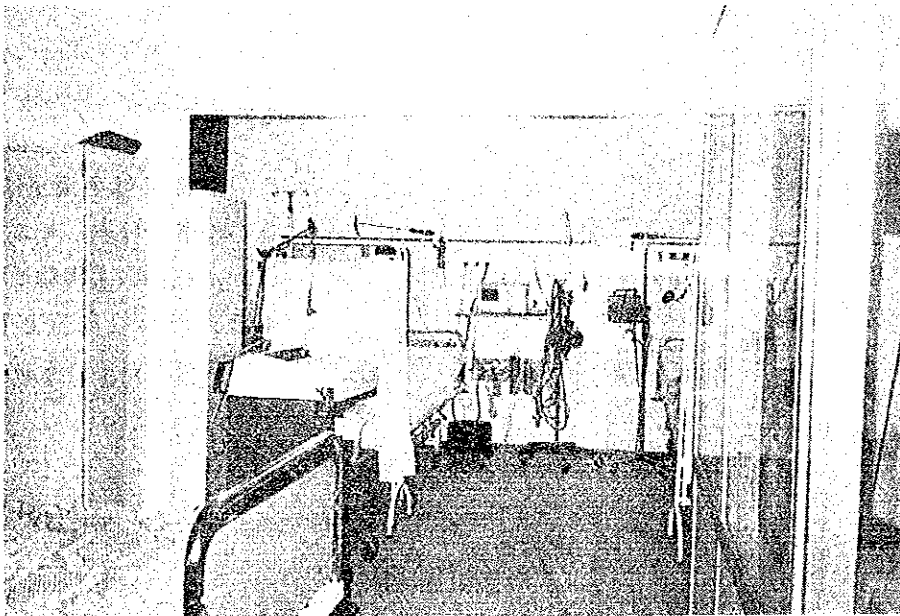
メインエントランス



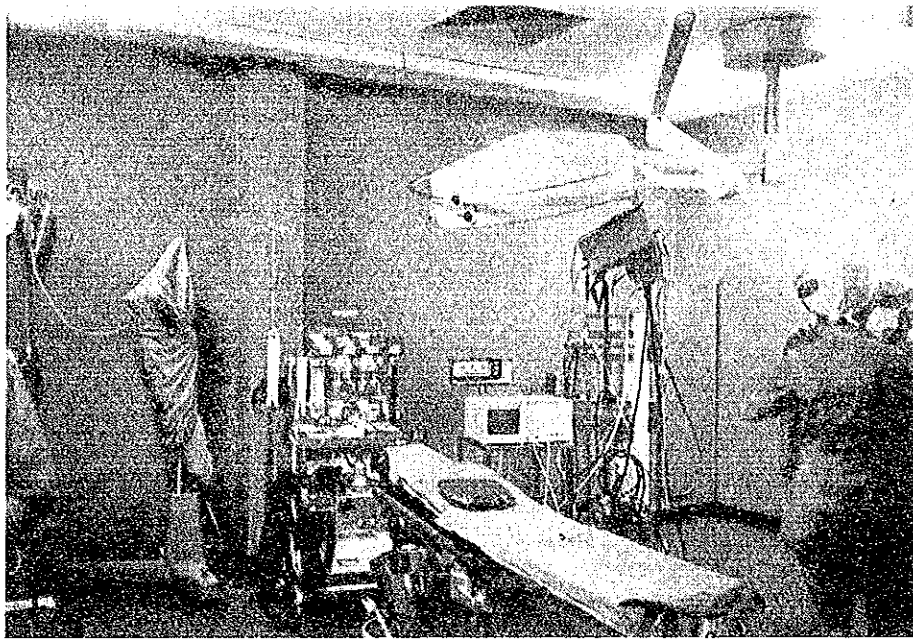
外来クリニック待合廊下



病室とトイレシャワー室



ICU ICUのナースは26人、午前15人、午後6人、夜3人の3シフトで看護にあたる。



手術室

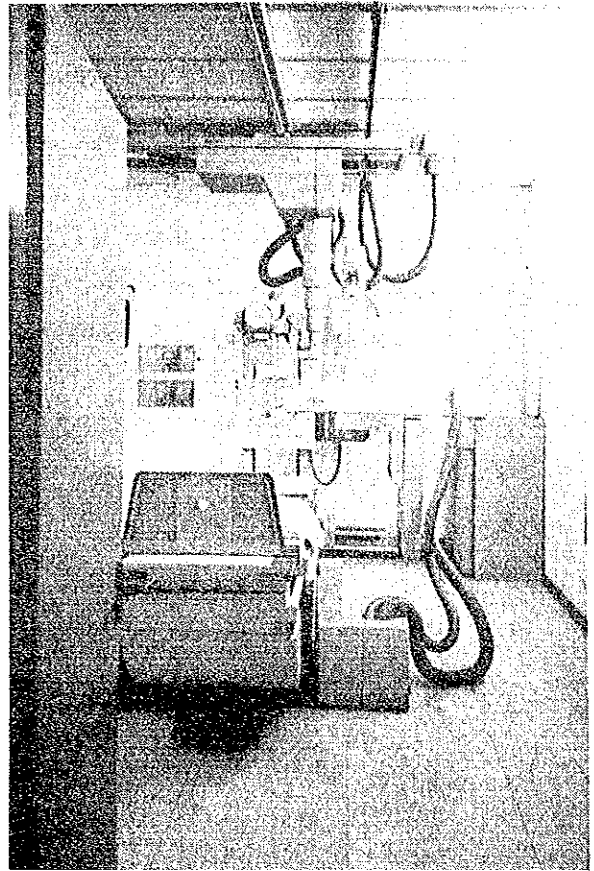


手術室前のスクラブ室

この病院には手術室は4室ある。
各々の室に付属してスクラブ室が
あり、2室に1室汚物処理室が付属
する。汚物処理室と手術室間は
ハッチがついている。



西独フィリップス製全身用CT
週に1度の定期点検中であつた。



X-線室

8-2 アズサラームインターナショナル病院

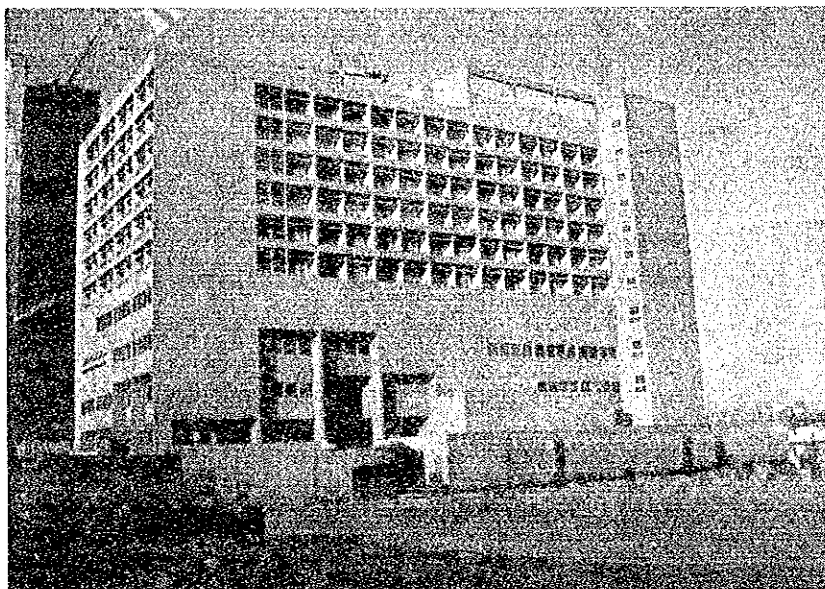
As-Salam International Hospital

アズサラームインターナショナル病院はカイロ市の南の郊外、ナイル河に沿って高層アパート群の開発が進むマーディ地区に位置する私立の総合病院である。開院は1981年であるが総病床数303床の内150床をオープンしているに過ぎない。従って外来患者数は月に1,600人、入院患者数も平均入院日数が7日~9日というところから月当たり500人と少ない。手術件数は年に3,000件、そのうち心臓外科手術は月当たり24件とのことであった。

建物は10階建、1階が厨房、洗濯、設備機械室等のサービス部門、スロープを上って2階がエントランス、2、3、4階が外来クリニックや中央診療部、5階から10階の6層が病棟である。病室はバルコニーをもち、窓を大きくとり、ナイル河やピラミッドが遠望でき、明るく開放的な感じであった。

1. 開院年月日 1981年
2. 診療科目
3. 病床数 公称303床の外新生児 14、新生児ICU 15インキュベーター、10-15コット、ICU 6床、CCU 8床
但し現在150床オープン
4. 病室のタイプと設備 スウィートルーム 39室、1床室118室、2床室65室
5. 病室の設備 エアコン、カラーテレビ(VTRもある)、スイートはバス、他はシャワー、トイレ
6. 病室の料金 スイートLE170 = 約20,000円/日、シングルLE75/日 = 約8,900円/日、ダブルLE50/日 = 約5,900円/日、3床室LE35/日 = 約4,200円/日、6床室LE25/日 = 約3,000円/日
7. スタッフの数 医師 100、ナース 173、技師 16、X-線技師 5、メンテナンス技師 3~4、その他 合計500
8. 外科手術件数 約3,000件/年 うち心臓外科手術24件/月
9. 心臓手術スタッフ 4チーム、3シフトである。1チームの構成は、教授1、助手2、人工心肺1、麻酔医2、ナース2の8人。医師はカイロ大学にて訓練を受けた人が主であるが、英国、米国からも招待する場合もある。

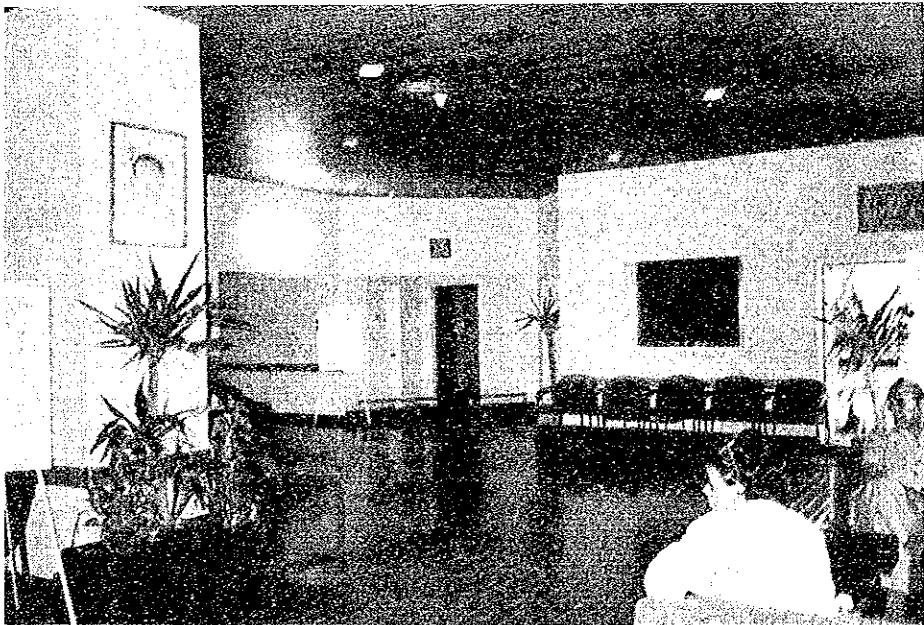
10. ICU 手術チームとは異なる若手の医師が24時間体制をとる他、術後2日間は術者が付添う。
11. 心臓手術にかかる費用 LE5,000~LE6,000 = 約60万円~約70万円
うちLE1,500は手術チームへ、LE1,500は人工弁1個、1個増える毎にLE2,000、入院期間は2日間ICU、10日間病室に入るが、その室代がLE2,000である。
12. メンテナンス 医療機材は世界中から直接注文するなどして買っている。
薬品はエジプト国内ですべてを調達している。



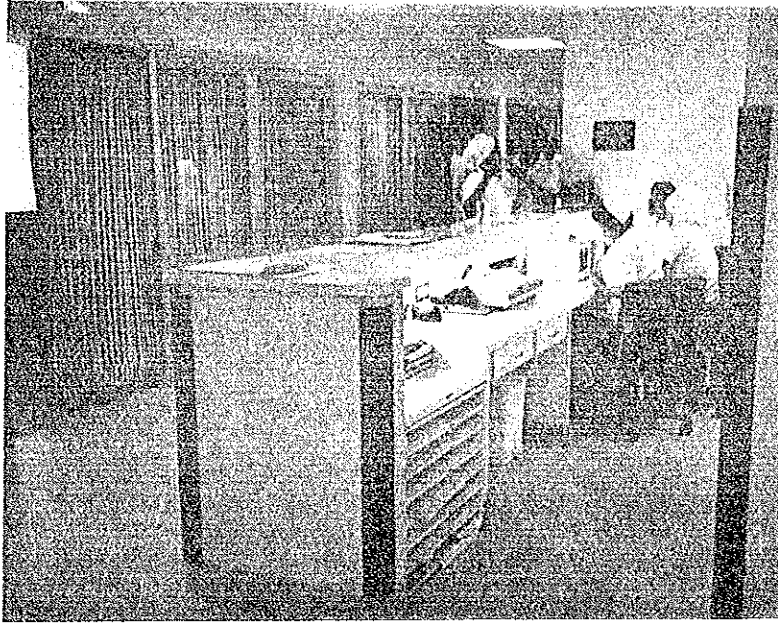
外観



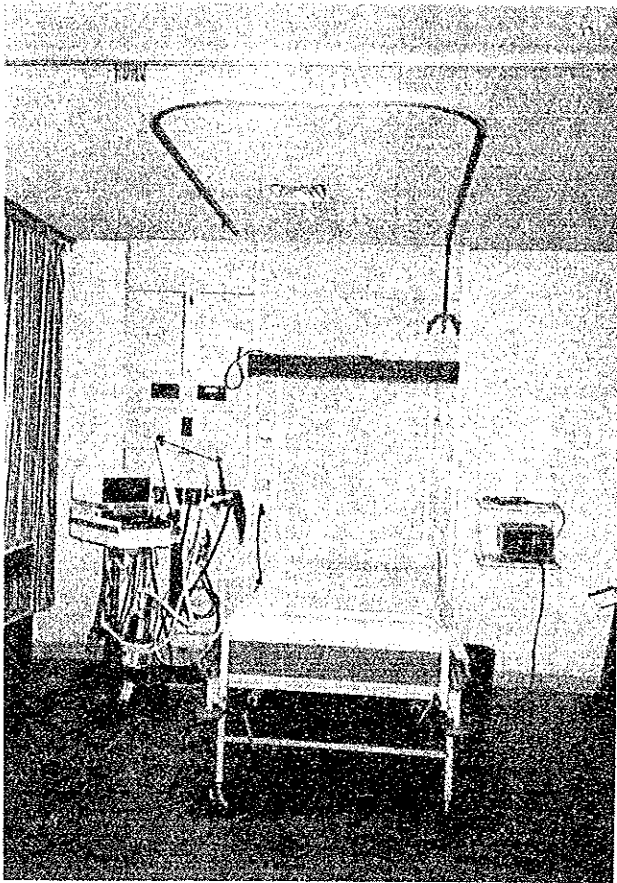
レセプション



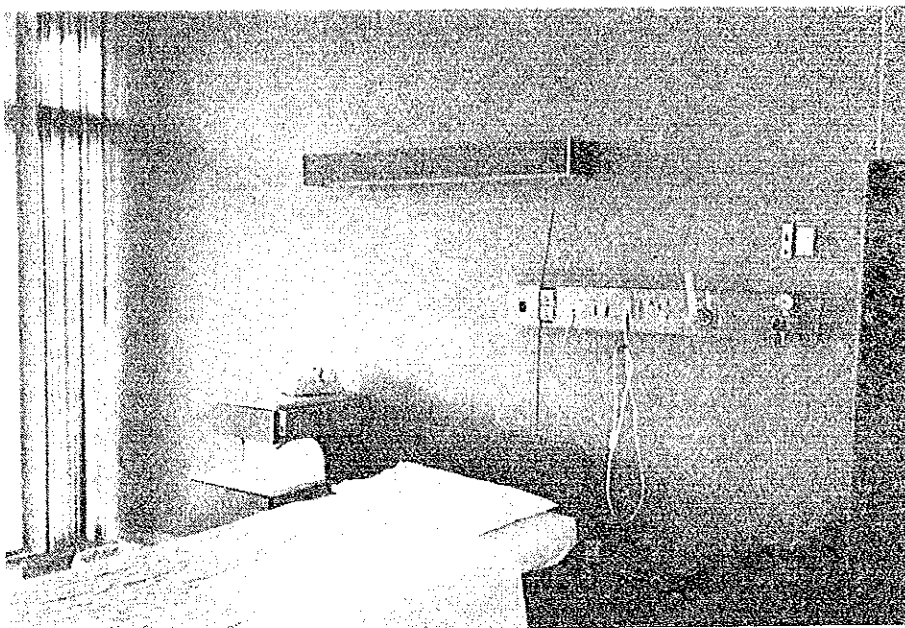
玄関ホール



ICUのナース・ステーション



ICUのベッド廻りの設備



スイートルームの枕元廻り
壁の色は淡いブルー



トイレとシャワー