

3. Other Data

(1) Evaluation for Requested Medical Equipment

EVALUATION CRITERIA FOR REQUESTED MEDICAL EQUIPMENTS

Evaluation Items		Evaluation Criteria
A	Basic Need	○ : Must for Medical Care △ : Improve Medical Care × : No need for Medical Care
B	Technology	○ : Ample Experiences with the Equipment △ : A Little Experience with the Equipment × : No Experience with the Equipment
C	Operation and Maintenance Cost	○ : Under US\$2,000/year △ : US\$2,000 to 4,000/year × : More than US\$4,000/year
D	Environmental Impact	○ : No Environmental Impact △ : A Little Environmental Impact × : Contamination to the Environment
E	Replacement and Supplement	○ : Replacement or Supplement of the Existing Equipment △ : Consumable × : New Equipment with no Experience
F	Benefit	○ : Great Benefit △ : A Little Benefit × : No Benefit
G	Centralization	○ : Promote the Centralization △ : Little to do with the Centralization × : Against the Centralization
H	Specification	○ : Suitable for the Needs △ : Not so suitable for the Needs × : Not adaptable to the Needs

Requested equipment of Bach Mai Hospital

Item No.	Department	Equipment Name	Req. Qty	Category	Whole Plan Qty	Exist. Qty	A	B	C	D	E	F	G	H	Result Q'ty
EE - 5		Arthrofiberscope system	1	III	1		○	○	○	○	○	○	○	○	1
EE - 6		Fiberscope TV system	4	II	4	1	○	○	○	○	○	○	○	○	3
EE - 7		Endoscope cabinet	2	II	3	1	○	○	○	○	○	○	○	○	2
EE - 8		Endoscopy table	4	I	4		○	○	○	○	○	○	○	○	4
EE - 9		Endoscopy electrosurgical unit	1	II	2	1	○	○	○	○	○	○	○	○	1
EE - 10		Suction pump	4	I	4		○	○	○	○	○	○	○	○	4
EE - 11		Manual disinfectant	3	II	4	1	○	○	○	○	○	○	○	○	3
IC - 1	Intensive Care Unit	ICU bed	5	II	30	20	○	○	○	○	○	△	○	○	10
IC - 2		Ventilator	3	II	10	8	○	○	△	○	○	○	○	○	2
IC - 3		Patient monitor	4	II	15	10	○	○	△	○	○	○	○	○	10
IC - 3A1		Central monitor	4	III	2		△	○	○	○	○	○	○	○	2
IC - 4		Suction unit	8	II	10	5	○	○	○	○	○	○	○	○	5
IC - 5		Nebulizer	1	I	4		○	○	○	○	○	○	○	○	4
IC - 6		Infusion pump	7	I	10		○	○	○	△	○	○	○	○	10
IC - 7		Syringe pump	10	I	10		○	○	○	△	○	○	○	○	10
IC - 8		Pulse oximeter	2	II	3	1	○	○	○	○	○	○	○	○	2
IC - 9		IV hanger	20	II	30	20	○	○	○	○	○	○	○	○	10
IC - 10		Medical refrigerator	3	I	2		○	○	○	○	○	○	○	○	2
IC - 11		Medicine cabinet	4	I	2		○	○	○	○	○	○	○	○	2
IC - 12		Weighting scale for bed	2	II	3	1	○	○	○	○	○	○	○	○	2
IC - 13		Patient record cabinet	5	I	2		○	○	○	○	○	○	○	○	2
IC - 14		Stethoscope	10	I	10		○	○	○	○	○	○	○	○	10
IC - 15		Sphygmomanometer	15	I	15		○	○	○	○	○	○	○	○	15
IC - 16		Emergency cart	6	I	6		○	○	○	○	○	○	○	○	6
IC - 17		Ambu-bag	10	I	10		○	○	○	○	○	○	○	○	10
IC - 18		Feeding pump	10	I	10		○	○	○	○	○	○	○	○	10
IC - 19		Autoclave (Table top type)	2	I	2		○	○	○	○	○	○	○	○	2
IC - 20		Water treatment system (for 2 bed)	1	III	1		○	○	○	○	○	○	△	○	1
IC - 21		Individual dialysis pump system	2	IV	0		×	○	△	○	○	×	×	×	0

Requested equipment of Bach Mai Hospital

Item No.	Department	Equipment Name	Req. Q'ty	Category	Whole Plan Q'ty	Exist. Q'ty	A	B	C	D	E	F	G	H	Result Q'ty
CS - 14		Small items for sterilization	1	I	1		○	○	○	○	○	○	○	○	1
GE - 1	General item	Slide projector	2	I	2		○	○	○	○	×	○	○	○	2
GE - 2		Overhead projector	2	I	2		○	○	○	○	×	○	○	○	2
GE - 3		Screen	2	I	2		○	○	○	○	×	○	○	○	2
LR - 1	Labour Room	Labour bed	6	I	6		○	○	○	○	○	○	○	○	6
LR - 2		Irrigator stand	6	I	6		○	○	○	○	○	○	○	○	6
LR - 3		Examination light	1	I	1		○	○	○	○	○	○	○	○	1
DE - 1	Delivery Room	Delivery bed	3	I	3		○	○	○	○	○	○	○	○	3
DE - 2		C'esthesia apparatus	1	I	1		○	○	△	○	○	○	○	○	1
DE - 3		Operation light	3	I	3		○	○	○	○	○	○	○	○	3
DE - 4		Delivery instrument set	3	I	3		○	○	○	○	○	○	○	○	3
DE - 5		Infusion pump	3	I	3		○	○	△	○	○	○	○	○	3
DE - 6		Scrub station	1	I	1		○	○	○	△	○	○	○	○	1
DE - 7		Instrument table	3	I	3		○	○	○	○	○	○	○	○	3
DE - 8		Instrument tray	3	I	3		○	○	○	○	○	○	○	○	3
DE - 9		Suction unit	3	I	3		○	○	○	○	○	○	○	○	3
DE - 10		Fetal monitor	2	I	2		○	○	○	○	○	○	○	○	2
DE - 11		Vacuum extractor	2	I	2		○	○	○	○	○	○	○	○	2
DE - 12		Irrigator stand	3	I	3		○	○	○	○	○	○	○	○	3
DE - 13		Infant warmer	2	I	2		○	△	○	○	○	○	○	○	2
DE - 14		Foot stool	3	I	3		○	○	○	○	○	○	○	○	3
DE - 15			3	I	3		○	○	○	○	○	○	○	○	3
DE - 16			3	I	3		○	○	○	○	○	○	○	○	3
NP - 1	New Born/Premature Nursery	Infant incubator	4	I	4		○	○	○	○	○	○	○	○	4
NP - 2		Infant ventilator	2	III	2		○	○	△	○	○	○	○	○	2
NP - 3		Phototherapy unit	1	I	1		○	○	○	○	○	○	○	○	1
NP - 4		Neonatal monitor	2	III	2		○	○	○	○	○	○	○	○	2
NP - 5		Infant treatment table	2	I	2		○	○	○	○	○	○	○	○	2
NP - 6		Infant care center	1	I	1		○	△	○	○	×	○	○	○	1

(2) Technical Note

March 11, 1997

Prof. Dr. Tran Quy
Director, Bach Mai Hospital

Re : Technical Note for Basic Design Study on the Project
for the Improvement of Bach Mai Hospital in Viet Nam

Dear Dr. Tran Quy,

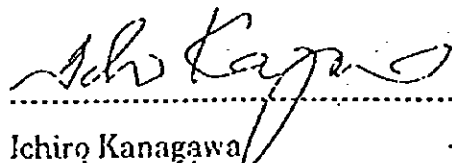
In line with the Minutes of Discussion signed on 27th February 1997, between Mr. Takimoto, Leader of Basic Design Team, JICA and Dr. Ngo Van Hop, Director General, Department of International Cooperation, Ministry of Health, the Team has carried out further studies in Viet Nam. As the result of the studies, we were able to gather all the information necessary to complete the Basic Design and would like to summarize it in the Technical Note as follows ;

1. Work Schedule
2. Sketch Plan with Comments
3. Topographical Survey and Boring Test by Subcontractor
4. Site Clearance by GOV
5. Monitoring Report on Site Clearance
6. The Location of the Main Entrance and its Permit
7. Internal Procedure of GOV Approval on the Basic Design Report
8. Building Permit
9. Mechanical and Electrical Issues
10. Existing Medical Equipment
11. BMH Master Plan

The final components of the Project, both quantity and specification, will be decided after the analysis in Japan and subject to the approval by the Government of Japan.

Sincerely yours,

Received by



Ichiro Kanagawa
Project Manager
Basic Design Study Team



Ph.D. Ngo Toan Dinh
Vice Director
Bach Mai Hospital

Technical Note
for Basic Design Study on the Project
for the Improvement of Bach Mai Hospital
in Viet Nam

1. Work Schedule

See the Attachment-1

2. Sketch Plan with Comments

Team showed Sketch Plan (Attachment-2) based on the discussions to BMH, and BMH found the Plan is reasonable and made following comments;

2-1 Medical offices---managers for 16 departments including clinical and paraclinical departments need individual offices.

2-2 Director's and 3 vice directors' offices are desirable to have individual toilets.

2-3 Pediatric ward needs a play room.

2-4 Maintenance office is necessary

3. Topographical Survey and Boring Test by Subcontractor

A subcontractor for the Topographical Survey and Boring Test, Investment Consultancy and Construction Design Company were selected and the subcontractor will carry out the work in the Site.

BMH will give the permission to the subcontractor for the work and will give any necessary guidance to do the work.

The area of Topographical Survey and the points of Teste are shown in the Attachment-3.

4. Site Clearance by GOV

4-1 The area of the Site Clearance is shown in the Attachment-4.

4-2 The Items to be included in the Site Clearance are;

- Demolition of buildings, wall/fence and any other obstacles in the Site Clearance area. The existing trees to be kept will be told by the Draft Report Team.

- Relocation of water supply, sewer and drainage pipes and electrical cabling and wiring within the Site Clearance area.

4-3 Dr. Ngo Toan Dinh, Vice Director, is in charge of the Site Clearance.

4-4 The relocation plan of Institute of Clinical Research in Tropical Medicine will be approved by June '97 and the preparation for the move will start. Site Clearance schedule will be prepared simultaneously.

J.R.

Decy

5. Monitoring Report on Site Clearance

The Monitoring Reports are necessary to be submitted to JICA Hanoi Office, attention to Mr. Okubo, monthly in accordance with the Site Clearance Schedule. Ph.D. Ngo Toan Dinh is the responsible person.

6. The Location of the Main Entrance and its Permit (Attachment-4)

This permit procedure will be through the Building Permit procedure.

7. Internal Procedure of GOV Approval on the Basic Design Report (Attachment-6)

8. Building Permit /Approval Procedure

"Approval of design" shown in the Attachment-7 is the responsibility of BMH. "Approval of total cost estimate" is not applicable for ODA project, however BMH need to report to GOV.

For the smooth implimentation a localconsultant shall be hired by BMH to assist Japanese consultant inpreparing the detail design and to proceed the approval. This localconsultant need to translate the documents and prepare necessary additional documents for the permit/approval procedure.

9. Mechanical and Electrical

Major issues discussed were;

Mechanical--water supply, sewage, medical gas and air-conditioning

Electrical--power supply system, telecommunication system

10. Existing Medical Equipment

10-1 The list of the equipments to be moved to the new building (Attachment-8)

10-2 The responsibility to move the equipment rests on GOV

11. BMH Master Plan

BMH gave a summery of Master Plan to the Team. (Attachment -9)

The Team had discussion on the Master Plan with BMH management and the summery is as shown below:

11-1 The rest of the Master Plan will be fulfilled by GOV eventually.

11-2 The facilities for the Institutes will be improved

Gerontology ;the building will be completed within '97 or early '98.

Clinical Research in Tropical Medicine; the design was finished and BMH is ready to request the budget for the 6 stories as soon as the plan is approved.

Cardiology; after the Neurology Department is moved, the new building would be built.

Mental Health; the construction of new 3 stories building with 100 beds will start next year.

Dermatology; the facility will be renovated soon.

A.K

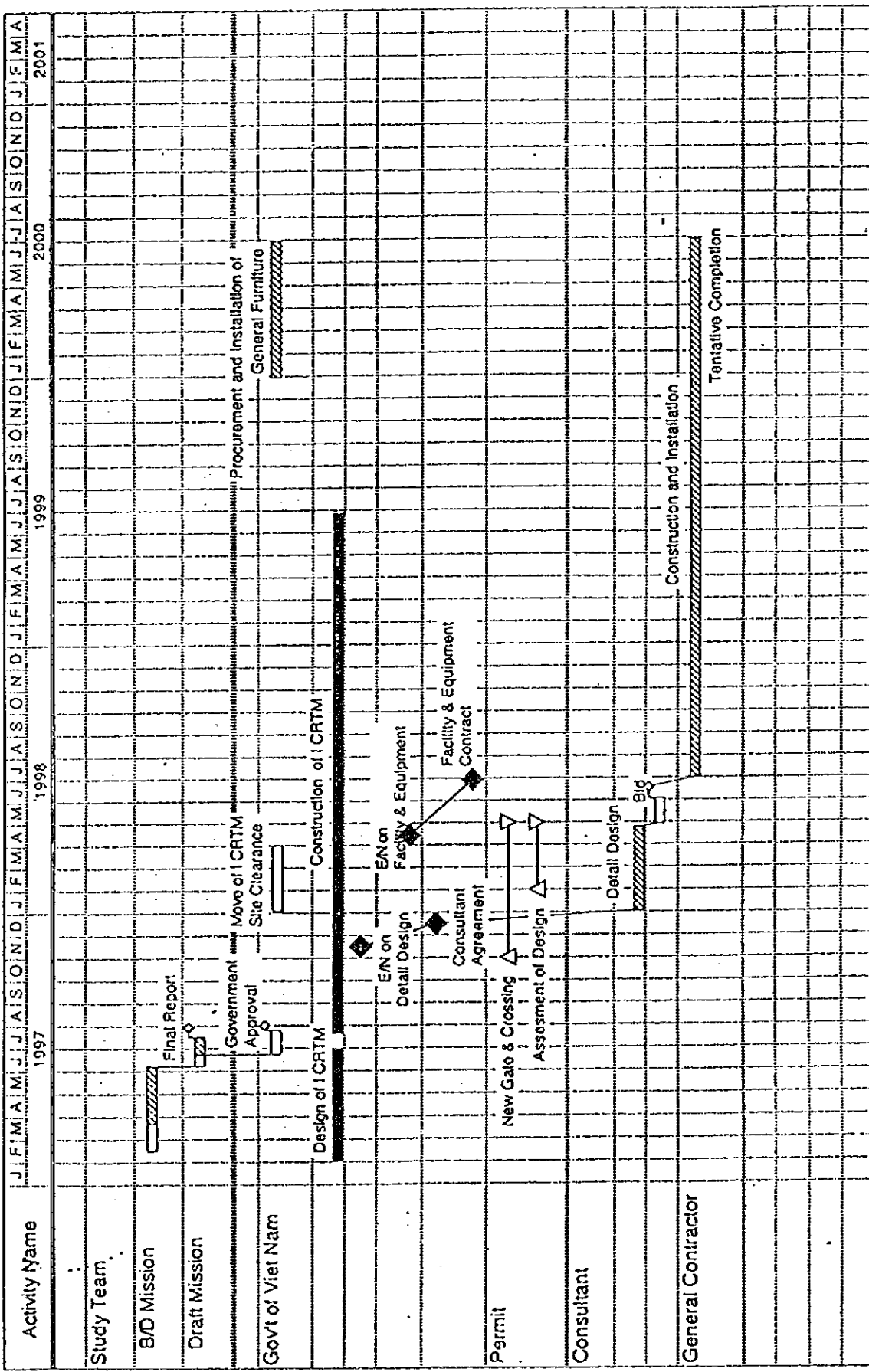
BMH

11-3 The old Bach Mai zone is now under renovation. After the completion of the New zone, A block will be used for ENT, Dental, Ophtalmology and Traditional Medicine, C block will be used for nursary school, its upgraded college and dormitory for 400 students. Central block will be used for administration. Existing ICU building will be renovated and be used for Training Center.

A.R.

DMW

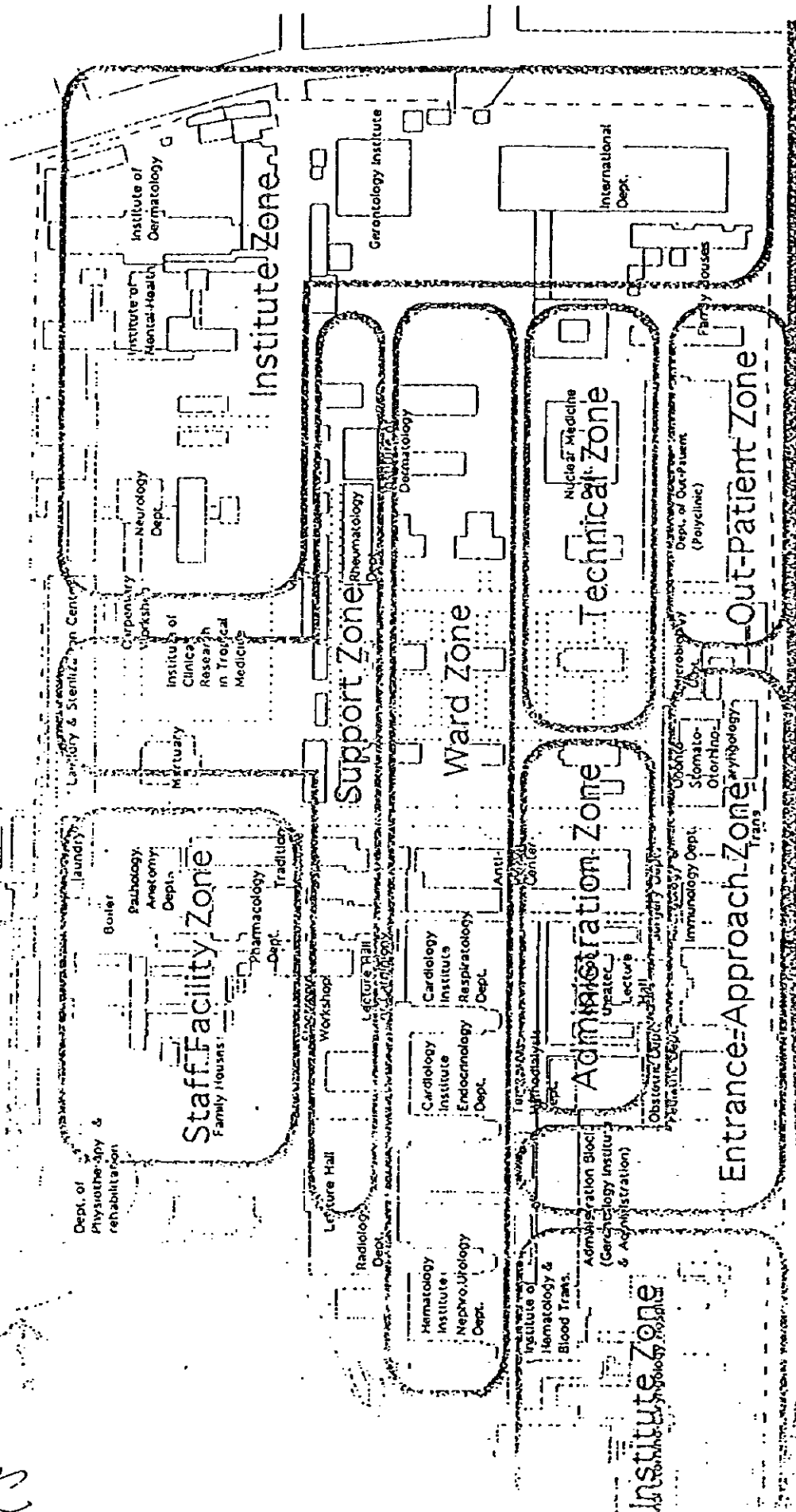
Assumed Schedule for the Implimentation of the Project (Tentative)



J. K.

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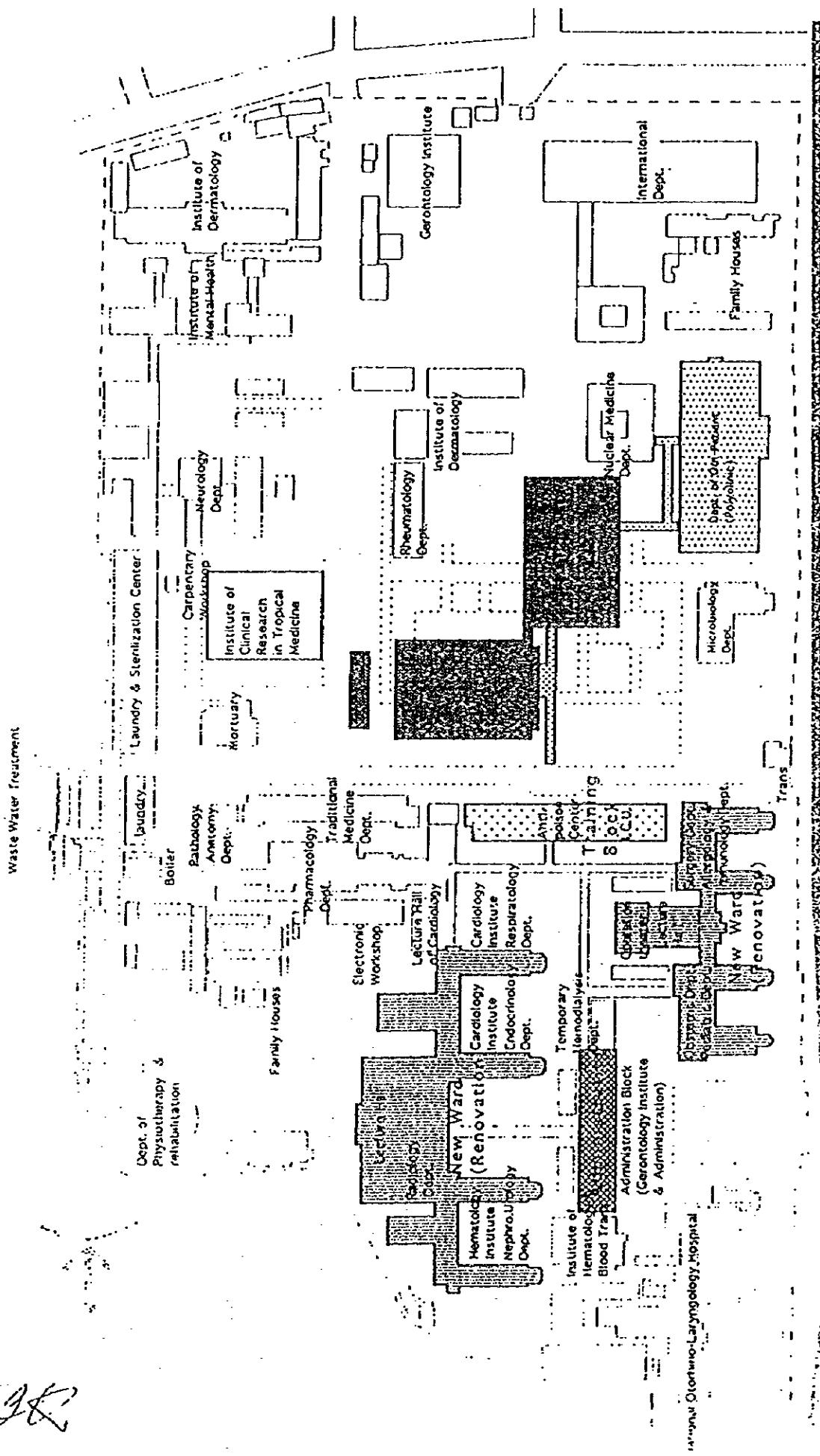
Waste Water Treatment



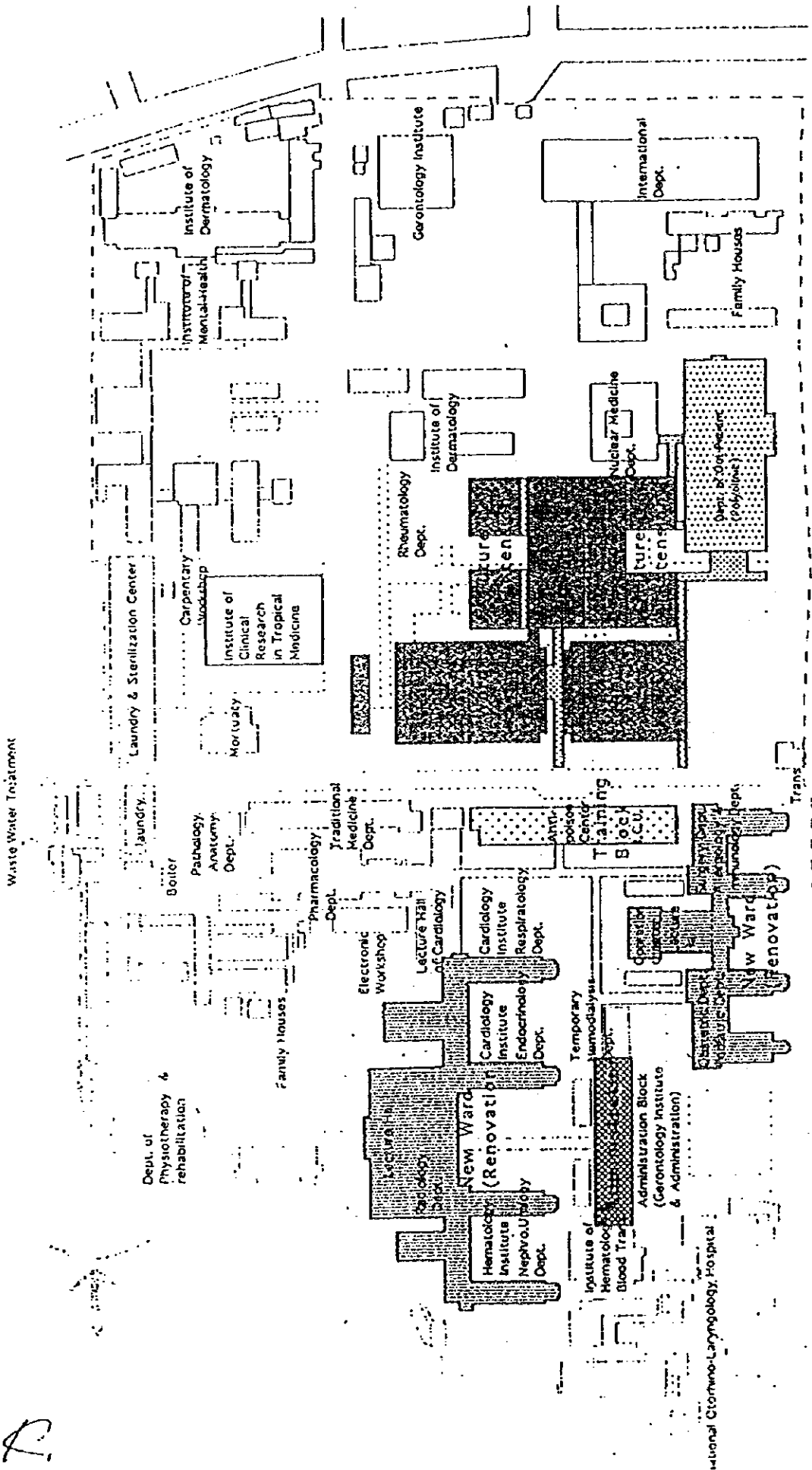
ZONING IMAGE

J.R.

DM



ASSUMPTION CONCEPT



ASSUMPTION CONCEPT
(FUTURE EXTENSION BY BMH)

IMAGE
OF
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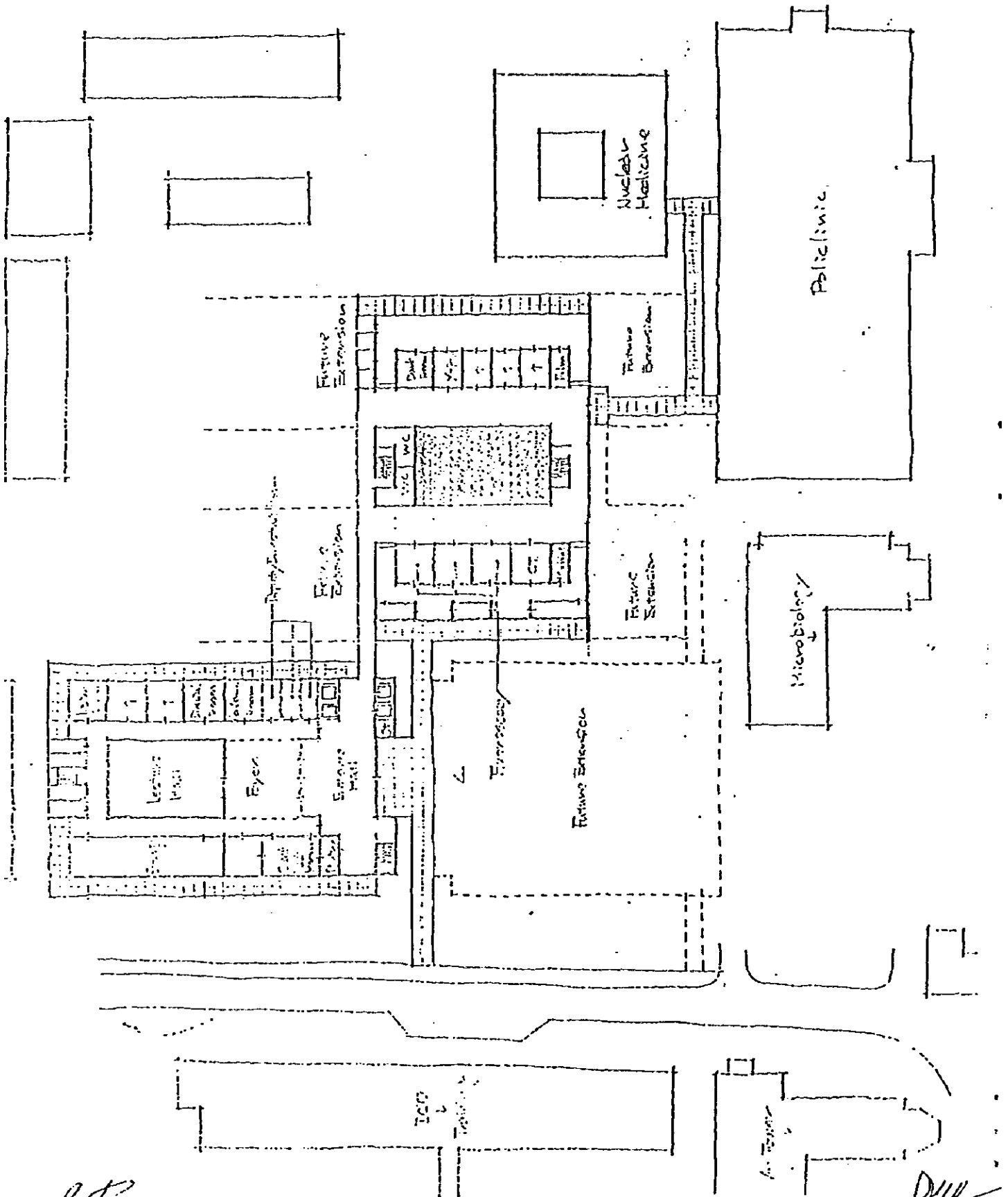


IMAGE
OF
1st FL
PLAN

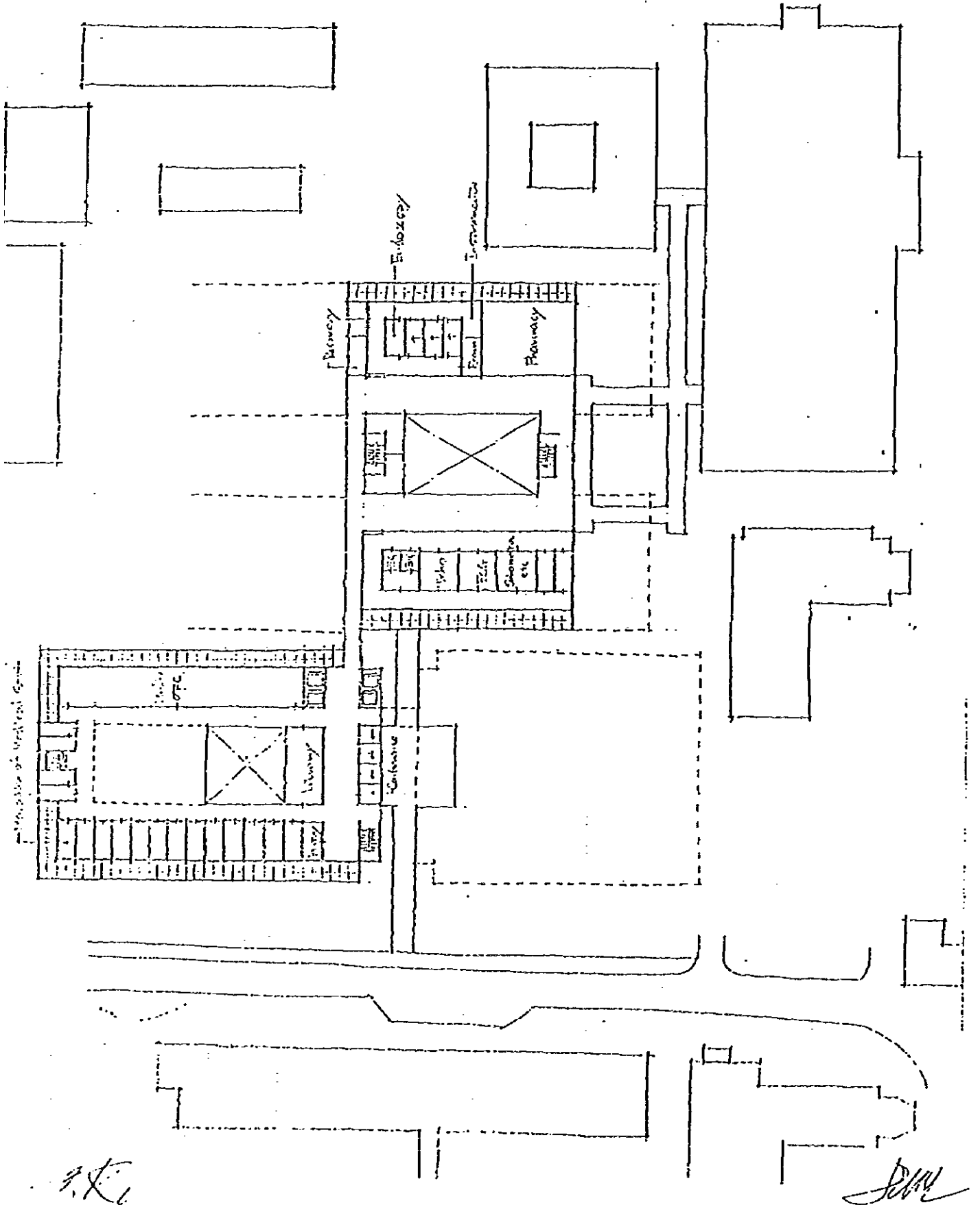
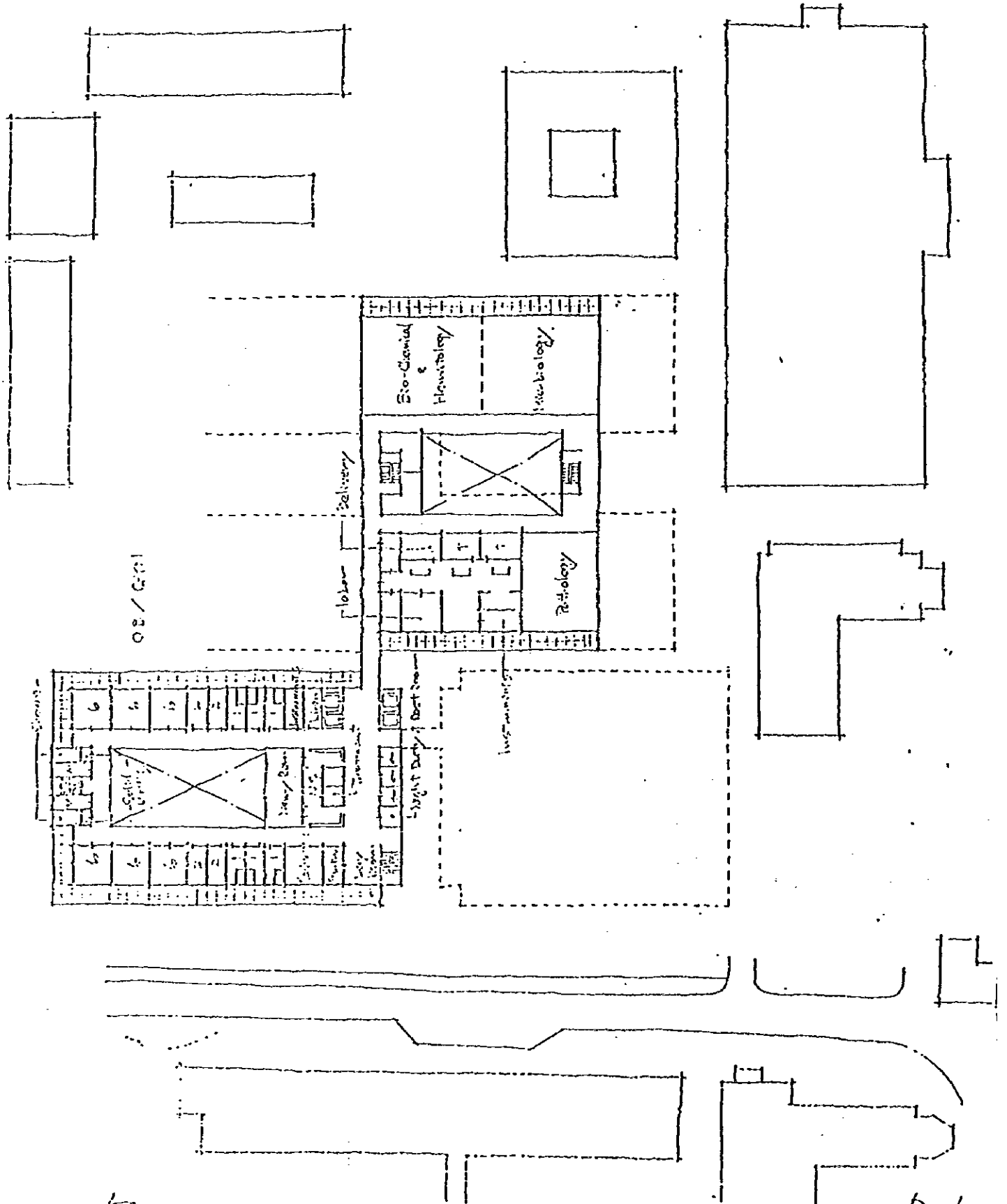


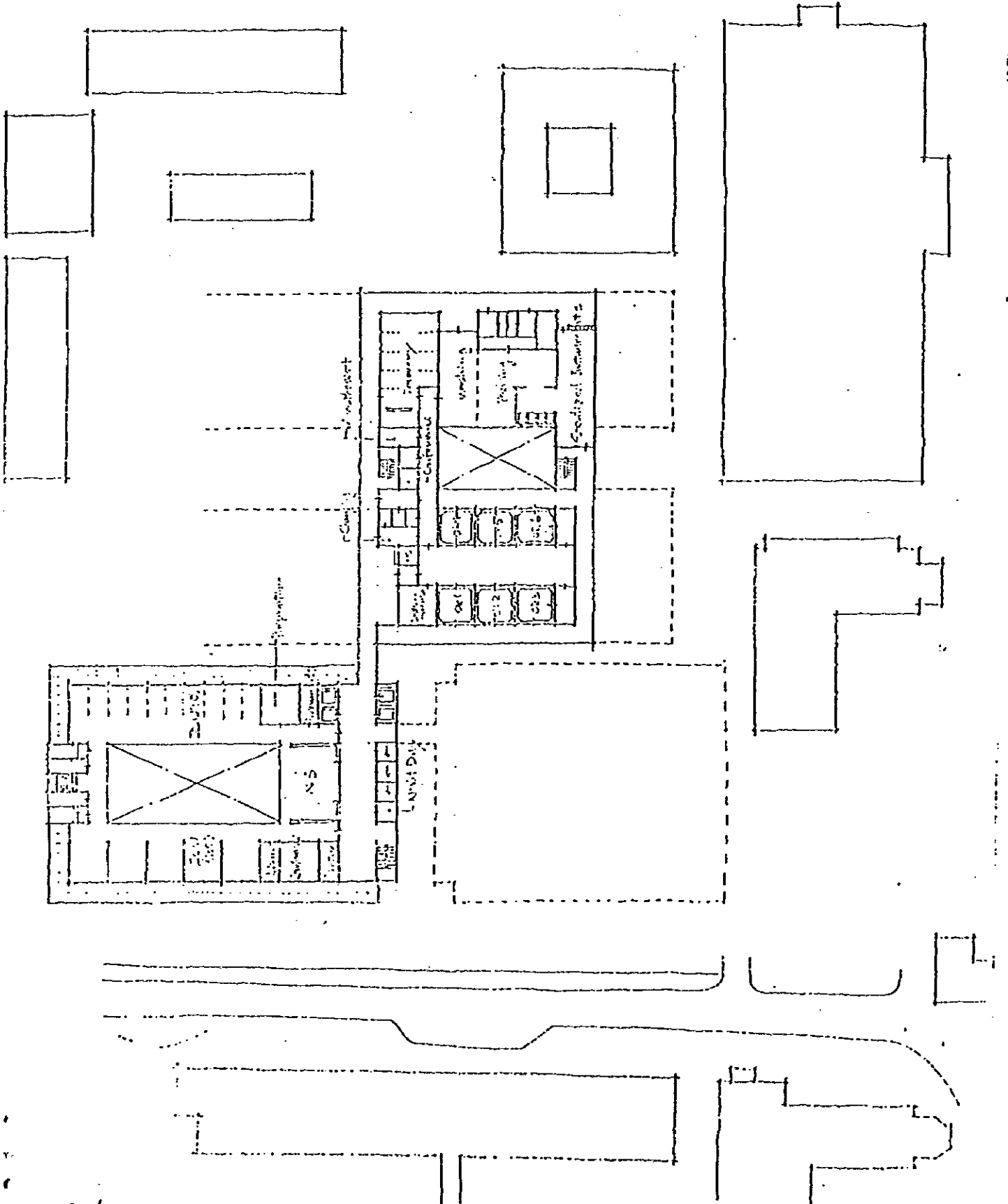
IMAGE
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2nd FL
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S.K.

Drew

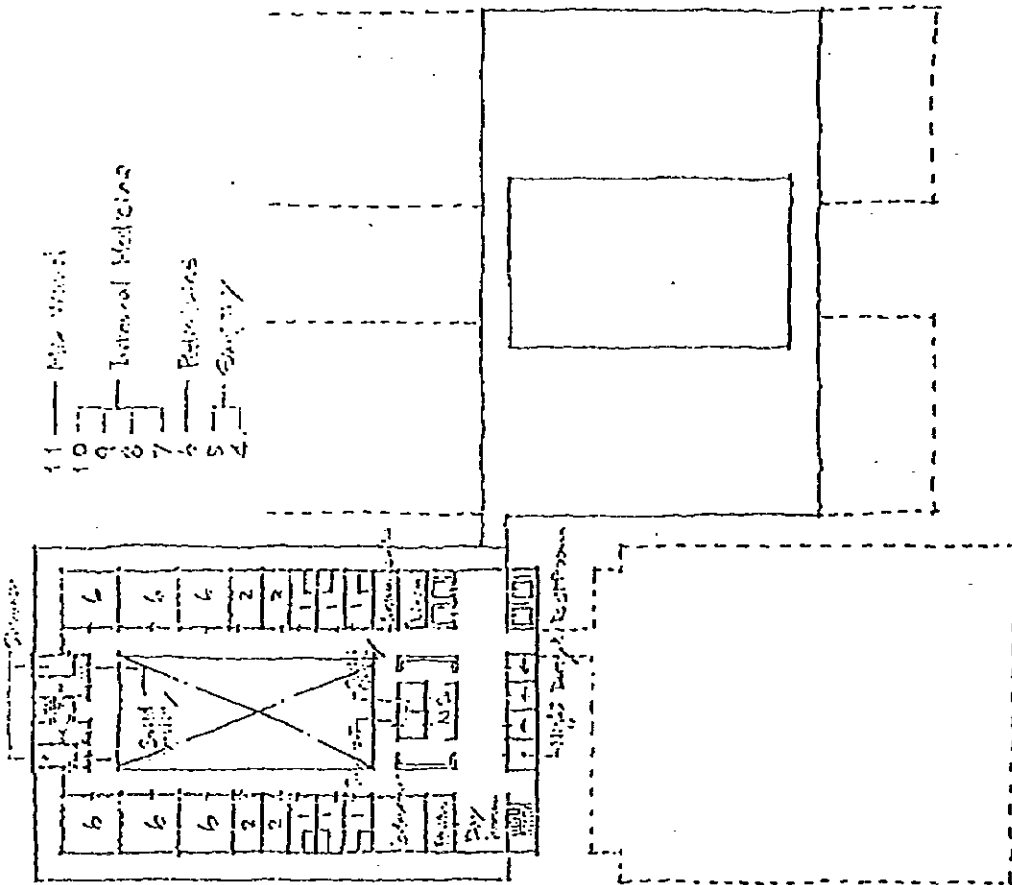
IMAGE
OF
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PK

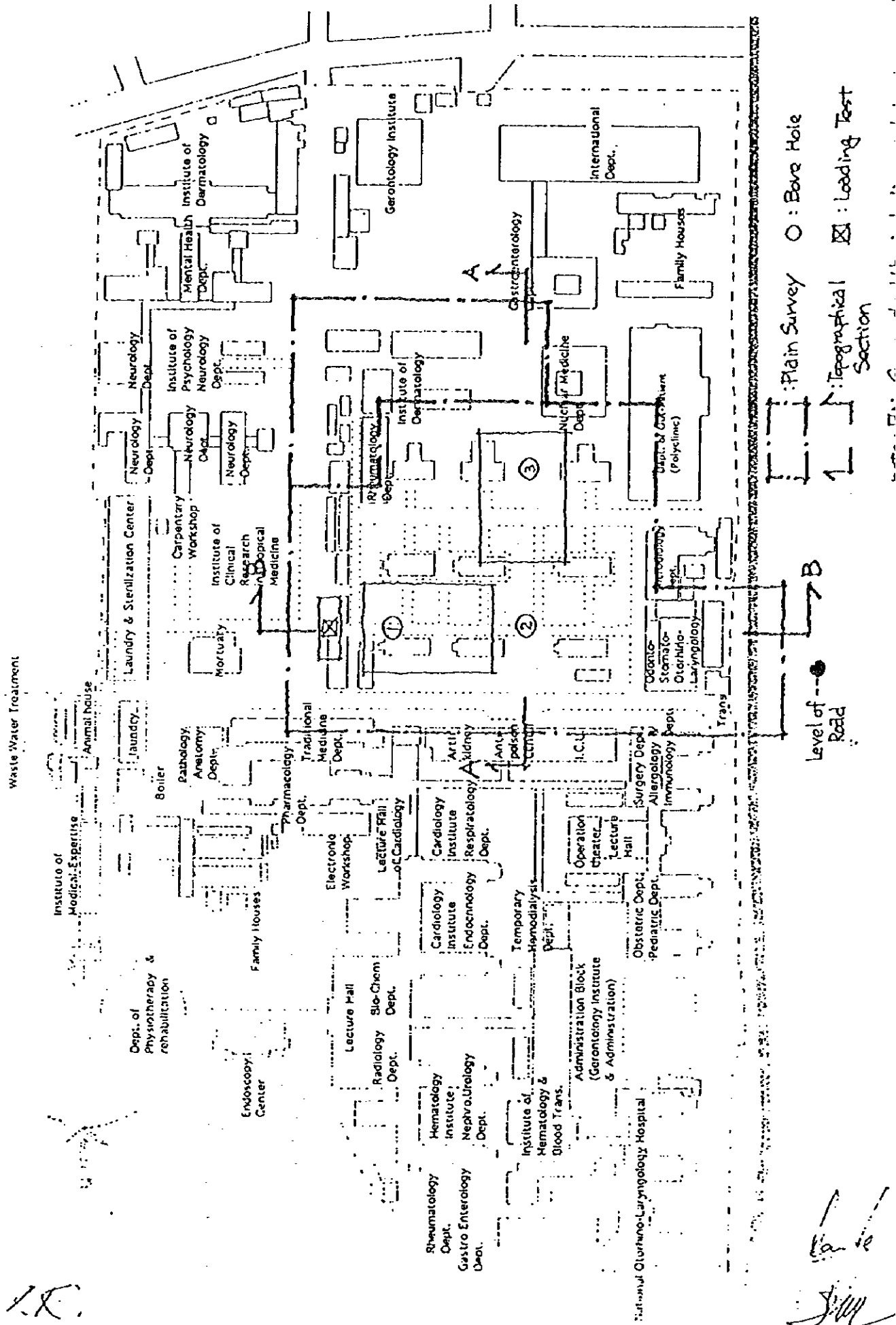
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IMAGE
OF
TYPICAL FL
PLAN



J.K.

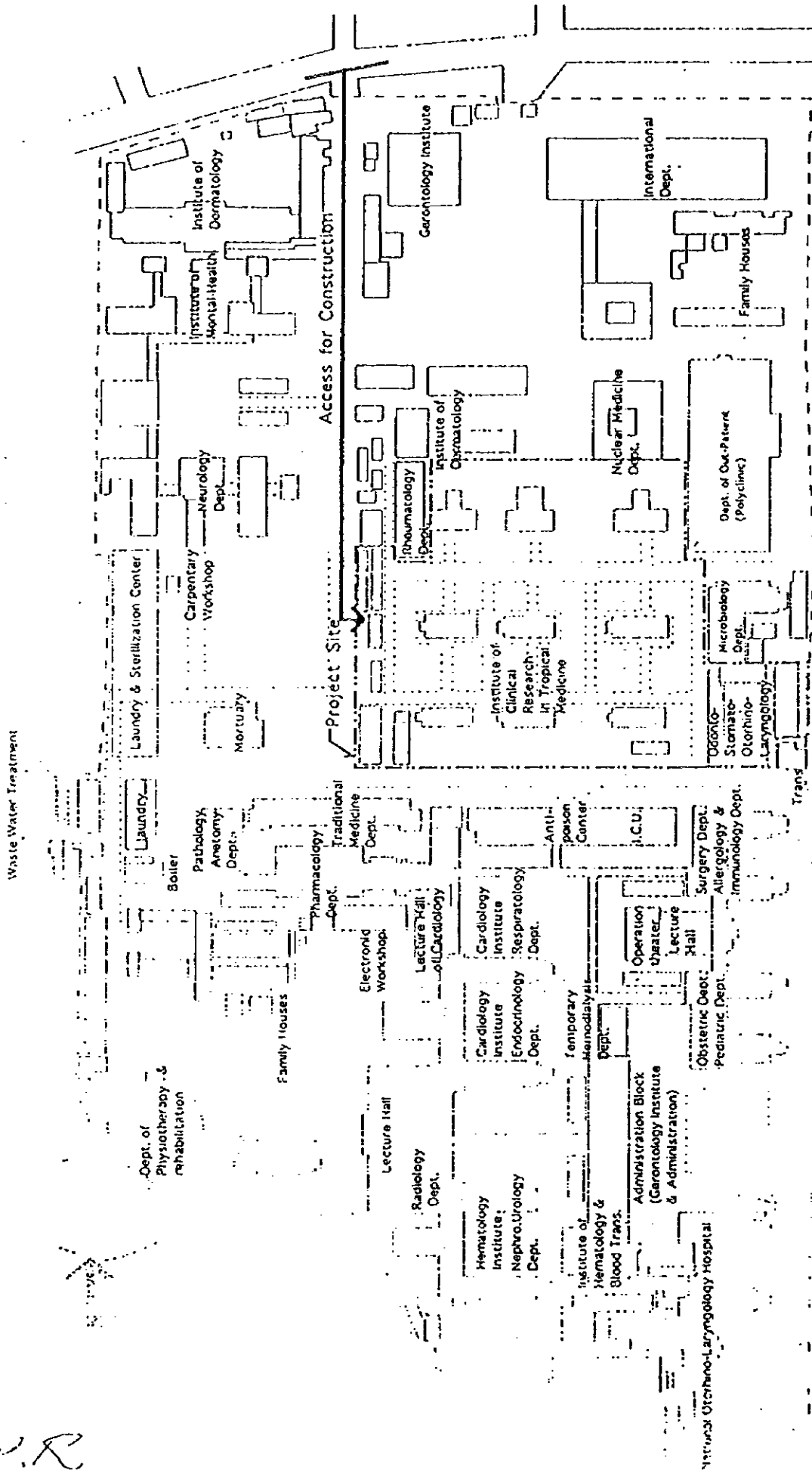
J.W.



--- Plain Survey
 ○ Bore Hole
 ▭ Topographical Section
 ⊠ Loading Test

Level of Road

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 1/11/11



THE AREA OF SITE CLEARANCE
 THE LOCATION OF MAIN ENTRANCE
 THE ACCESS FOR CONSTRUCTION

▲
 Main Entrance

Jmy

PROCEDURES FOR SETTING UP A INVESTMENT PROJECT

1. Define the necessity to set up the Investment Project.
2. Report on the Pre-Feasibility Study.
3. Submit the result of the Pre-Feasibility Study to the Ministry of Health and the Ministry of Planning and Investment for approval.
- Submit it to the Government Office. The decision of the Government is not exceeded 20 days from the submission.
4. Report on the Feasibility Study.
5. The Ministry of Planning and Investment appraises the Feasibility Study. Appraisal is not exceeded 45 days.
6. Submit the Feasibility to the Government Office.

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PROCEDURES FOR CONSTRUCTION LISENCE

1. Technical design documents and implementing design drawings completed following the regulations.

The time of the completion of this step is decided by Design Consultant Organization.

2. These design documents should have been appraised on design and total estimated cost.

- Appraisal Organization: Appraisal Office of the Construction Ministry
- Duration : not over 40 days

3. After appraisal of design documents, there will be step of approval of design and total estimated cost.

- Approval level: Minister of Ministry of Health
- Duration: not over 15 days

4. When these procedures will be completed, there will be step of submission of documents for the construction lisencc.

Documents for the construction lisencc consists of:

- Proposal for construction lisencc (complete the form)
- 3 sets of design documents, each set consists of:
 - + Drawing of the site location
 - + Surface of the land: scale 1/200 - 1/500
 - + Surface floors: scale 1/100 - 1/200
 - + Drawing of the rain water drainage system and waste water treatment system: scale 1/100 - 1/200
- Decision of the approval of technical design by Authorities
 - + Construction Lisencc Authority : Hanoi Chief Architecture Office
 - + Duration: not over 45 days

Note:

If the Group A is approved by the Government will be exempted from construction lisencc, but have to complete above procedures.

TECHNICAL BLOCK

Item No.	Department	Equipment Name	Size(W×D×H)	Qty	Type
XBE - 1	Biochemistry Examination	Urine analyzer	450×450	1	Table top
XBE - 2		ELISA system (Reader)	950×530	1	Table top
XBE - 3		ELISA system (Monitor)	450×600	1	Table top
XBE - 4		ELISA system (Printer)	600×350	1	Table top
XBE - 5		Electrolyte analyzer (AVL)	300×250	1	Table top
XBE - 6		Blood gas analyzer (AVL)	400×550	1	Table top
XBE - 7		CO, oxygen analyzer (AVL)	300×500	1	Table top
XBE - 8		Pump for AVL	300 dia.	1	Table top
XBE - 9		Refrigerator	520×500	1	Install
XBE - 10		Spectrophotometer	350×450	1	Table top
XBE - 11		Electric balance	200×320	3	Table top
XBE - 12		Computer	450×600	1	Table top
XBE - 13		Printer	330×300	1	Table top
XBE - 14		Water stiller	590×450	1	Install
XBE - 15		Water purifier	1100×750	1	Install
XBE - 16		Ultrasound washer	1350×650	1	Install
XBE - 17		Drying oven	730×650	1	Table top
XBE - 18		Drying oven	550×480	1	Table top
XBE - 19		Drying oven	530×400	1	Table top
XBE - 20		Autoclave	720×550	1	Install
XBE - 21		Refrigerated centrifuge	940×890	1	Table top
XBE - 22		Calorimeter	440×400	1	Table top
XBE - 23		Spectrophotometer	400×330	1	Table top
XBE - 24		Vacuum refrigerated centrifuge	1020×680	1	Install
XBE - 25		Deep freezer	600×670	1	Install
XBE - 26		Centrifuge	280×370	1	Table top
XBE - 27		Centrifuge	440×550	3	Table top
XME - 1	Microbiological Examination	Cooling centrifuge	530×760	1	Table top
XME - 2		Binocular microscope with camera	250×410	1	Table top
XME - 3		Deep freezer	920×640	1	Install
XME - 4		Deep freezer	860×720	1	Install
XME - 5		ELISA system (Reader)	430×340	1	Table top
XME - 6		ELISA system (Washer)	370×400	1	Table top
XME - 7		ELISA system (Incubator)	230×360	1	Table top
XME - 8		Refrigerator	520×560	1	Table top
XME - 9		Refrigerator	530×520	2	Install
XME - 10		Clean bench	1270×1100	1	Install
XME - 11		Clean bench (New)	1390×750	1	Install
XME - 12		Incubator (New)	630×330	1	Table top
XME - 13		Drying oven (New)	550×570	1	Table top
XPE - 1	Pathological Examination	Refrigerated cryostat	700×650	1	Install
XPE - 2		Rotary microtome	340×480	1	Table top
XPE - 3		Rotary microtome	250×400	1	Table top
XRE - 1	Radiology Examination	General X-ray apparatus		2	Install
XRE - 2		CT scanner		1	Install
XRE - 3		Fluoroscopic X-ray TV unit		2	Install
XRE - 4		Automatic film processor	600×1000	2	Install
XRE - 5		Doppler ultrasound scanner	540×940	1	Mobile
XPY - 1	Physical Examination	EMG	480×480	1	Mobile
XFE - 1	Endoscopy Examination	X-ray film viewer	1140×90×540	1	wall

S.R.

J.M.

The list of existing equipment should be moved to the new building

ATTACHMENT-8(2)

TECHNICAL BLOCK

Item No.	Department	Equipment Name	Size(WXD XH)	Q'ty	Type
XIC - 1	Intensive Care Unit	Patient monitor	400X500	9	Mobile
XIC - 2		Ventilator	700 dia.	1	Mobile
XIC - 3		Ventilator	480X450	8	Mobile
XIC - 4		Ventilator	630 dia.	1	Mobile
XIC - 5		Suction pump unit	480X240	5	Mobile
XIC - 6		Defibrillator	420X530	2	Mobile
XIC - 7		Pulse oximeter	230X270	1	Table top
XIC - 8		Weight scale for ill patient	560X1040	1	Mobile
XIC - 9		Mobile x-ray apparatus	570X1220	1	Mobile
XIC - 10		Endoscopy unit trolley	1050X560	4	Mobile
XIC - 11		Endoscopy light source		2	Mobile
XIC - 12		Endoscopy monitor		2	Mobile
XIC - 13		Endoscopy suction unit		2	Mobile
XIC - 14		Bronchoscope		2	Mobile
XIC - 15		Gastroscope		2	Mobile
XIC - 16		Endoscopy cabinet	480X400	2	Install
XIC - 17		Endoscopy washer	650X660	1	Mobile
XIC - 18		Manual endoscopy washer	610X490	1	Mobile
XIC - 19		Endoscopy cart	740X450	2	Mobile
XIC - 20		Life scope	520X650	1	Mobile
XIC - 21		Ultrasound scanner	370X560	1	Mobile
XIC - 22		X-ray film viewer	1140X90X540	1	wall
XIC - 23		ICU bed (Vietnam made)	770X2100		Mobile
XIC - 24		Endoscopy cart (Vietnam made)	740X450	2	Mobile
XIC - 25		Unbreakable power supply	400X500	1	Table top
XIC - 26		Blood gas analyzer	600X420	1	Table top
XIC - 27		Spectrophotometer	620X490	1	Table top
XIC - 28		Drying oven	520X490	1	Table top
XIC - 29		Copy machine	720X620	1	Table top
XOT - 1	Operation Theatre	Endoscopy system	1080X520	1	Mobile
XOT - 2		Manual endoscopy washing cart	900X460	1	Mobile
XNP - 1	New Born/Premature Nursery	ECG (3channel)	500X350	1	Mobile
XNP - 2		Infant ventilator	560X620	1	Mobile
XNP - 3		Ultrasound scanner	600X420	1	Mobile

1.8

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Ministry of Health
 Bach Mai Hospital
 Our Ref. _____

The Socialist Republic of Vietnam
 Independence-Freedom-Happiness

To Whom It May Concern.

BRIEF EXPLANATION ON THE "MASTER PLAN" OF BACH MAI HOSPITAL

1. Functions and Duties of Bach Mai hospital:

- Established in 1911, Bach Mai hospital is the biggest polyclinic hospital in the North of Vietnam. Bach Mai is now the final destination that receives patients from all the other municipal hospitals when they could not be given efficacious treatment from those hospitals.
- Not being well-known as a central hospital with highest creditably in giving medical consultation and treatment, Bach Mai is also the only environment providing special training to help educate students from Hanoi Medical University, improve medical expertise for doctors, nurses ... sent from other provinces. Beside, Bach Mai is running a Medical College to train nurses for Bach Mai itself and for other hospitals.
- Being a very good place for scientific researches, a big number of scientific subjects at national or ministerial lever have been carried out at Bach Mai hospital so far.
- Bach Mai hospital is included many key medical institutes, therefore, the leadership of the hospital in providing guidance of technical skills to other municipal hospitals and clinic centers is very important.
- The hospital is also assigned to carry out the function of international cooperation. Namely, to exchange information on medical expertise and hospital's management with many hospitals and institutes of many countries in the world.
- Due to the said important roles and functions of Bach Mai hospital, the Government of Vietnam has issued "Decision #666/TTg dated October 18th, 1995" in order to work out the basic strategy for the development of the hospital:

Quote:

"To upgrade and develop Bach Mai hospital as one of the top referral hospitals in Vietnam, the only place for medical students from Hanoi Medical University to come for practice. After the completion of this project, Bach Mai hospital will be the top referral polyclinic hospital among others in Northern area, with modern equipment, equivalent to that of other countries in the region. To meet the requirement of medical consultation and treatment for patients in the coming years as well as a long-term period."

Unquote.

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2. Details of Development Plan

- Hospital's general scale intended: 1,320 beds
- The estimated investment capital for Development Plan: VND 508 billion
(Background of the above is that our hospital is repeatedly requested by the Ministry to recruit more staff in the near future in order to develop the hospital in accordance with the Government's plan. Therefore, we strongly expect that the number of patients will be sharply increased. However, with the existing conditions of our hospital at this moment, we are very much afraid that there would be in serious shortage of space for patients let alone a big number of hospital staff including those to be newly recruited).

2.1 Hospital's Construction:

- a). Technical Block
- b). Inpatient & Service Ward
- c). Institute of Clinical Research in Tropical Medicine

2.1.1 Construction of Technical Block:

Technical block is expected to be 6 stories with details as follows:

- Central Laboratory included:
 - + Hematology
 - + Bio-Chemistry
 - + Microbiology
 - + Pathology Anatomy
- Imaging Diagnostic Center
 - + E.C.D
 - + E.E.G
 - + Ultrasound
 - + Pneumology Function Exploration
- Endoscopy Center
- Intensive Care Unit
- Operation Theater: about 8 operation theatres intended
- Hemodialysis Dept.: about 20 units intended
- Pharmacy Center
- Blood Bank
- Sterilizing Center
- Administration Section

2.1.2 Inpatient & Service Ward:

The inpatient & service ward is expected to be 9 stories consisting of 4 main departments with approx. 710 beds in total:

- Internal Medicine Division

+ Pneumology Dept.	: 60 beds intended	
+ Gastro-Enterology Dept.	: 60 beds	..
+ Nephro-Urology Dept.	: 60 beds	..
+ Endocrinology Dept.	: 60 beds	..
+ Neurology Dept.	: 100 beds	..
+ Rheumatology Dept.	: 60 beds	..
+ Allergo-Immunology Dept.	: 30 beds	..
+ Hematology Dept.	: 60 beds	..

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- Surgery Division : 100 beds ..
- Pediatric Division : 60 beds ..
- Obstetrics & Gynecology Division : 60 beds ..

2.1.3 Institute of Clinical Research in Tropical Medicine.

Construction for this institute is intended 5-story height, including inpatient ward and teaching area

Thus, upon the completion of implementation of the said "Master Plan", Bach Mai would have been a completed polyclinic hospital with a good lay-out of 4 sections such as:

- 1). The main block which is consisting of Internal Medicine Division, Surgery Division, Obstetric & Gynecology Division and Pediatric Division.
- 2). Institutes located in Bach Mai hospital:
 - Gerontology Institute
 - Venereology Institute
 - Mental Health Neurology Institute
 - Cardiology Institute
 - Clinical Research in Tropical Medicine Institute
 - Hematology & Blood Transfusion Institute
- 3). Other departments in Bach Mai hospital:
 - Rehabilitation Dept.
 - Traditional Medicine Dept.
 - Ododto-Stomadology Dept.
 - Otorhinolaryngology Dept.
 - Ophthalmology Dept.
- 4). Practice and Training Area:
 - Secondary Medical College
 - Practice Center for Medical Student
 - Training Center for Doctors from other hospitals

[END]

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