

#### 4. 協議議事録

4-1 協議議事録(基本設計調査時)  
(1989年12月20日署名)

4-2 協議議事録(ドラフト・ファイナル・レポート説明時)  
(1990年4月11日署名)



#### 4-1 協議議事録(基本設計調査時)

MINUTES OF DISCUSSIONS  
ON  
THE BASIC DESIGN STUDY  
ON  
THE PROJECT FOR IMPROVEMENT OF  
THE HIGH INSTITUTE OF NURSING, CAIRO UNIVERSITY  
IN  
THE ARAB REPUBLIC OF EGYPT

In response to the request made by the Arab Republic of Egypt, the Government of Japan decided to conduct a Basic Design Study on the Project for Improvement of the High Institute of Nursing, Cairo University (hereinafter referred to as "the Project") and the Japan International Cooperation Agency (JICA) has sent the Basic Design Study Team headed by Prof. Junko Kondo, St. Luke's College of Nursing from December 8 to 29, 1989.

The Team had a series of discussions with the authorities concerned of the Government of the Arab Republic of Egypt and conducted a field survey.

As a result of the study, both parties have agreed to recommend to their respective Government that the major points of understanding reached between them as attached herewith should be examined towards the realization of the Project.

Cairo, December 20, 1989

*Junko Kondo*

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Prof. Junko Kondo  
Leader,  
Basic Design Study Team,  
JICA

*M. Salama*

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Prof. Maamoun Salama  
President,  
Cairo University,  
Arab Republic of Egypt

*K. Samra*

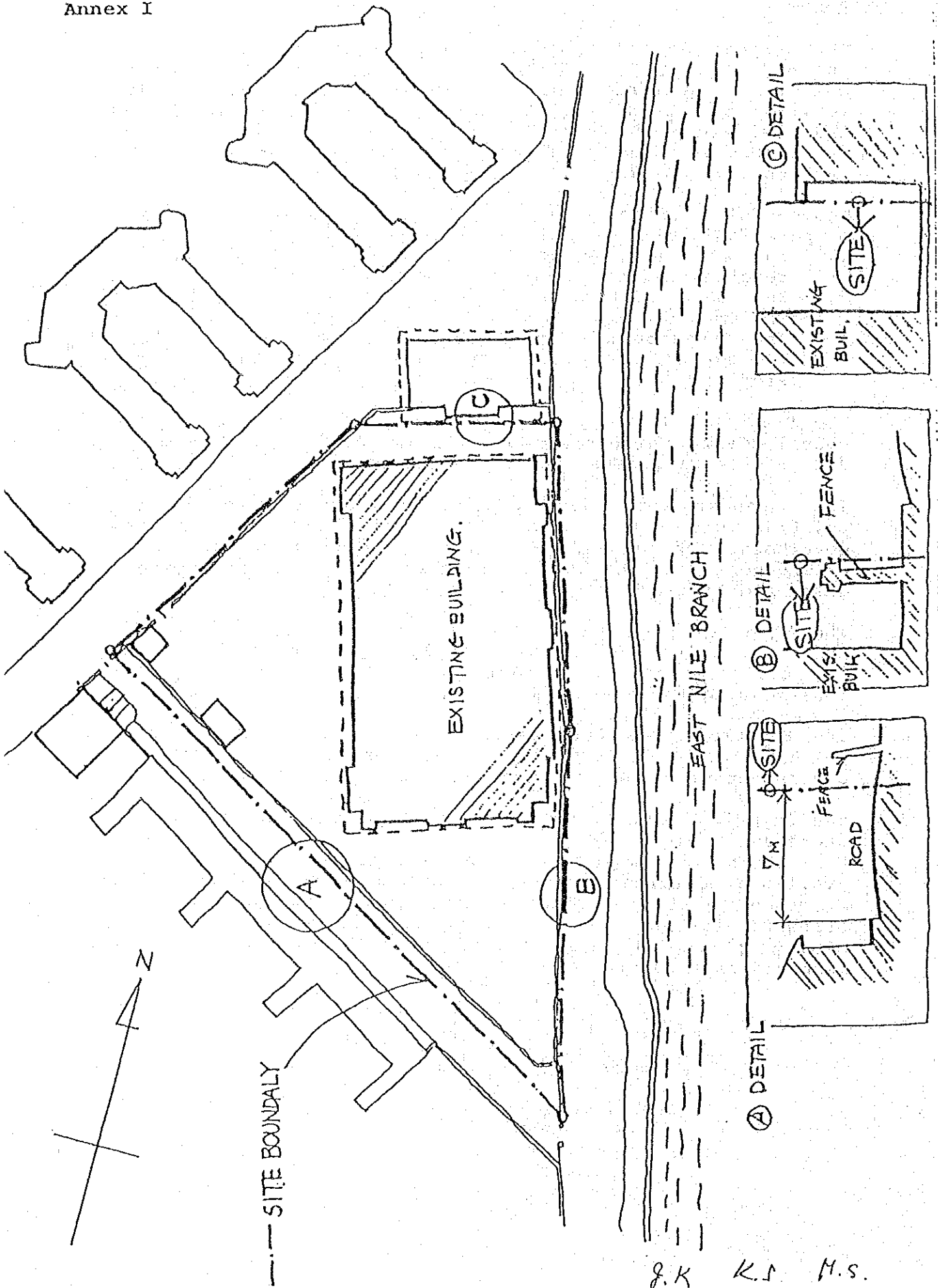
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Prof. Khairy Samra  
Dean,  
Faculty of Medicine,  
Cairo University,  
Arab Republic of Egypt

## ATTACHMENT

1. The purpose of the Project is to upgrade the function of the High Institute of Nursing, Cairo University, to bring up highly qualified nurses needed in Egyptian health services and thus contribute to the promotion of health and welfare in Egypt, through the construction of facilities and the procurement of equipment for the High Institute of Nursing, Cairo University.
2. Responsible organization of the Egyptian side for preparation and implementation of the Project:
  - 1) The President of Cairo University will take overall responsibility for implementation of the Project.
  - 2) The Dean of the Faculty of Medicine will be the Chairman of the Coordinating Committee.  
The Director of High Institute of Nursing will help in the administration and managerial matters of the Project.
3. The Project site is located at the old diploma school and hostel, Cairo University Hospital (Manial), with the total area of 7,470m<sup>2</sup>, as attached in the Annex I.
4. The Japanese side will convey the request given by the Egyptian side, which is listed in Annex II, to the Government of Japan. The latter will make necessary arrangement for the Project within the scope of Japanese Grant Aid Program.
5. The Egyptian side has understood the Japanese Grant Aid System explained by the Team including a principle of use of a Japanese Consultant and Japanese Firms for implementing the Project.
6. The Egyptian side will take necessary measures as listed in Annex III on condition that the Grant Aid by the Government of Japan would be extended to the Project.
7. The Egyptian standards and codes of practice should domain where available.  
For items for which no such standards and codes are available, Japanese standards and codes which should suit Egyptian local conditions and to cope with international standards for such project should be considered.  
Also Egyptian laws and regulations should be effective in all respects of this project .

J.K. K.S. H.S.



J.K K.S M.S.

## Annex II

Items requested by the Egyptian side for the High Institute of Nursing, Cairo University are as follows:

a. Number of student enrollment will be at least 200 per year and 200 graduates students, i.e.: 1,200 students.

b. Construction of facilities and provision of equipment for

(i) EDUCATION SECTION

- . Lectures theatres
- . Meeting Rms
- . Classrooms
- . Seminar Rms
- . Laboratories
- . Language Laboratory
- . Library
- . Filing storage
- . Dark Rm
- . Copy Rm
- . Audio Visual Production Rm
- . Primary Health Care Unit
- . Locker Rms

(ii) ADMINISTRATION SECTION

- . Director's office
- . Deputy Director's office
- . Experts room
- . Academic Depts.
- . Professor Rms
- . Administration of Director
- . Student Education
- . Student care
- . High studies affairs
- . Financial affairs
- . Administrative affairs
- . Conference Rms
- . Teaching staff Rms
- . Printing Rm
- . Examination Control Unit

(iii) GENERAL SERVICE SECTION

- . Cafeteria
- . Multi Purpose Halls
- . Student activities Rms

(IV) HOSTEL SECTION

- . 4 Bedrooms
- . 2 Bedrooms
- . Laundry
- . Kitchen/Dining Rm
- . Common space

c. All of the above items should be in accordance to International Standards .

J.K. K.S. H.S.

Annex III

Recommendations for Undertakings by the Government of Egypt .

1. To carry out site preparation such as clearing , leveling and reclaiming the site prior to the commencement of the construction .
2. To undertake incidental out - door works such as making parks , gardening, fencing gates and exterior lighting in and around the site .
3. To provide facilities for distribution of electricity , water supply , telephone line , drainage and other incidental facilities to the proposed site before the commencement of the Project .
4. To provide general furnitures such as carpets , curtains , tables , chairs and others .
5. To bear <sup>banking charge</sup> ~~commissions~~ to the Japanese foreign exchange bank for the banking services upon the Banking Arrangement in accordance with the Japanese Grant Aid Conditions .
6. To ensure prompt unloading , tax exemption , customs clearance at the port of disembarkation in Egypt and prompt internal transportation of equipment procured under the Japanese Grant Aid .
7. To accord Japanese nationals whose services may be aquired in connection with the supply of the products and the services under the verified contract such facilities as may be necessary for their entry into Egypt and stay therein for the performance of their work in accordance with the relevant laws and regulations of the Arab Republic of Egypt .
8. To accord Japanese Nationals mentioned in the item 7 under the Verified Contract to enter into Egypt and stay therein for the performance of their work .
9. To maintain and use properly and effectively the facilities constructed and equipment procured under the Japanese Grant Aid .
10. To bear all the expenses other than those to be born by the Japanese Grant Aid , necessary for execution of the Project.
11. To secure , with respect to the supply of the products and services under the verified contracts , that Japanese Nationals should not be subject to any custom duties , internal taxes and other fiscal leavies which may be imposed in the Arab Republic of Egypt .

J.K. K.S. H.S.



#### 4-2 協議議事録(ドラフト・ファイナル・レポート説明時)

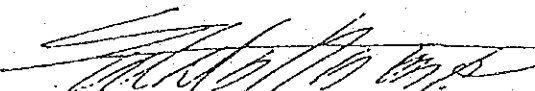
MINUTES OF DISCUSSIONS  
ON  
THE DRAFT REPORT OF THE BASIC DESIGN STUDY  
ON  
THE PROJECT FOR IMPROVEMENT OF  
THE HIGH INSTITUTE OF NURSING, CAIRO UNIVERSITY  
IN  
THE ARAB REPUBLIC OF EGYPT

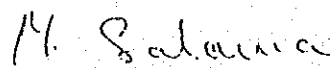
In response to the request made by the Government of the Arab Republic of Egypt, the Government of Japan decided to conduct a Basic Design Study on the Project for Improvement of the High Institute of Nursing, Cairo University (hereinafter referred to as "the Project") and entrusted the study to the Japan International Cooperation Agency (JICA). JICA sent to the Arab Republic of Egypt the Study Team from December 8 to 29, 1989.


As the result of the survey and discussions, JICA prepared a Draft Final Report on the study and dispatched the second mission headed by Mr. Yutaka Hosono, Managing Director, Grant Aid Study and Design Department, JICA, to explain and discuss it from April 5 to 15, 1990.

Both parties had a series of discussions on the Report and have 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.

Cairo, April 11, 1990


  
Yutaka Hosono  
Leader,  
Draft Final Report Explanation  
Team of Basic Design Study  
JICA

  
Prof. Dr. Maamoun Salama  
President,  
Cairo University,  
Arab Republic of Egypt

  
Prof. Dr. Khairy Samra  
Dean,  
Faculty of Medicine,  
Cairo University,  
Arab Republic of Egypt

ATTACHMENT I

1. The Egyptian side has agreed in principle to the basic design proposed in the Draft Final Report with the request as follows:
  - (1) Total number of beds at the Dormitory should be 300. The cost and responsibility for design, supervision and construction of 100 bed facility should be borne by the Egyptian side and such facility shall be exclusively used for the HIN.
  - (2) The Japanese Team has replied that the above mentioned request be carefully studied.
2. The Egyptian side has understood Japan's Grant Aid System and confirmed the necessary measures to be taken by the Egyptian side which are manifested in the Annex III of the "Minutes of Discussions" on the Project signed on December 20, 1989, on condition that the Grant Aid by the Government of Japan would be extended to the Project. Further details of the Scope of Work has been confirmed and attached herewith as on Attachment II.
3. The Egyptian side has agreed to proceed the site preparation work consulting with JICA office in Cairo and such work be completed prior to the commencement of the construction by the Japanese Grant.
4. The Final Report (10 copies in English) on the Project will be submitted to the Egyptian side in May 1990.



K.S.

M.S.

Attachment II

The followings are the division of Scope of Work between Japanese side and Egyptian side.

Items	Egyptian side	Japanese side
Demolition of existing building	*	
Removal of obstacles up to GL-2.0m	*	
Commission of the payment to bank	*	
Infrastructure connecting work		
Electricity to the main breaker	*	
City water supply to the site at gate valve	*	
Sewage connection outside the site	*	
Telephone connection to the MDF panel	*	
Demolition of the existing fence at the south road	*	
Demolition of the trees and obstacles at the site	*	
Electricity transformer		*
City water inside the site		*
Sewage inside the site		*
Telephone wiring inside the site, MDF		*
Excavation to GL-2.0m whole site	*	
Treatment of existing piles		*
Temporary fence for the construction		*
Foundation concrete work		*
Structural work for the basement		*
Finishing work at the garage, plastering,	*	
paving, painting	*	

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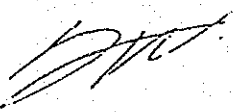
M.S.



Items	Egyptian side	Japanese side
Electrical work at the garage	*	
Plumbing work at the garage		*
Supervisors office construction at garage	*	
Security guards shed for the garage	*	
Electrical supply to the electrical panel at the garage		*
Education Dept. furniture		
Desks, chairs for classrooms		*
Desks, chairs for laboratories		*
Library furniture for students		*
Desks, chairs for librarians		*
Storage cabinet	*	
Curtains	*	
Administration Dept. furniture		
Teachers desks and chairs, furniture	*	
Clerks desks and chairs, furniture	*	
Directors, deputies room furniture	*	
Secretaries furniture	*	
JICA experts furniture		*
Other rooms furniture	*	
Curtains	*	
Common Dept. furniture		
Locker room		*
Recreation room		*
Cafeteria room		*
Curtains	*	

K S.

H.S.



Items	Egyptian side	Japanese side
Dormitory Furniture		
Beds and chairs	*	
Kitchen equipment		*
Laundry equipment		*
Dining tables and chairs	*	
Curtains	*	
External work		
Planting	*	
Fencing around the site	*	
Pavement and landscaping outside the	*	
covered area of the garage		
Pavement of the covered area of the garage		*
Security guard house for the garage	*	
Soil work for planting	*	
Flag poles		*
Electricity for the construction		*
Connecting charge for permanent electricity	*	
Water for construction		*
Supply charge for permanent water supply	*	
Sewage for the construction and permanent	*	
connection		

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MINUTES OF THE TECHNICAL MEETING ON THE PROJECT OF  
THE IMPROVEMENT OF THE HIGH INSTITUTE OF NURSING, CAIRO UNIV.

11 April 1990

1. Japanese side and Egyptian side will discuss the applicable codes and standards on which the Project should be based, at the beginning of the detail design work. Egyptian code, Japanese code or selected international code will be applied in consideration with the local conditions.
2. Detail-design work will be composed of the Design Development stage, working drawings production stage and preparation of contract documents stage. Egyptian side asks the approval of the work in each stage.
3. Egyptian side insisted on provision of the cargo elevators to the school buildings and the dormitory.
4. Egyptian side insisted on the relocation of the Auditorium to the ground floor or the first floor level. Suitable access to the Auditorium will be considered and studied.
5. Japanese side will study the comments proposed by the Egyptian Technical Group and the results will be put into the Final Report, ~~if the modifications are made.~~
6. The followings are the comments by the Egyptian side and the answers by the Japanese side.

Egyptian Technical Group

Japanese Technical Group

Prof. Dr. El-Adawy Nassef

Mr. Shozo Baba

*M. M. Ad Nassef*

*Shozo Baba*

Dr. Ahmed Ramzy

Mr. Tsutomu Iwamoto

*A. Ramzy*

*T. Iwamoto*

10 April 1990

Technical Comment on the Preliminary Design

Egyptian Side Comments

Basement

- \* Garage should be mechanically ventilated with the necessity of adding a sufficient opening areas in the center for the supply of fresh air.

Ground Floor

- \* Vertical communication elements should be increased
- \* Egress stairs are not sufficient.
- \* Passenger elevators to be doubled
- \* Necessity of adding service elevators with direct out-side access other than the one from the garage

First Floor

- \* The entry to the dormitory building is leading to a main staircase that stops at the 1st floor level. It should continue up to serve the rest of the building.
- \* The (200) student classrooms are served by a very narrow corridor which we think is not sufficient, specially at emergency evacuation times. The same observation is down on the (100) student classrooms.

Second Floor

- \* The (500) student auditorium should be relocated to the ground floor level for optimizing its utilization for both teaching and conferring activity occasions. This auditorium should be close to main entrance and public lounge spaces.

Basic Design Teams Idea

Natural ventilation will be utilized at the maximum, with the minimum adoption of mechanical ventilation system. (Japanese code referred).

We will take your notes governed by the codes.

Egress will be considered at the end of the building.

6 passengers lifts shafts be planned. One installed .

One lift can be used for passengers and also for goods.

We will consider one stairs which leads to the top of building near the lifts lobby.

We will provide sufficient width corridor at the best of the design.

We will study the location of the auditorium as well as the easy access to the auditorium.

AD

AS

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\* On dormitory typical floors, there should be a provision for lounge areas for each floor. We think the location of toilets being located in the best corner of each floor should be changed.

We will reorganize the typical floors with lounge and good locations of toilets.

### General Observations

\* Foundations should be designed to accommodate a (36) meter high building in accordance with height limitation laws of the governorate of Cairo.

We will design to the height of 30 meters as illustrated on the report.

\* The circulation factor of (40%) used in the design cannot be covering general circulation, but is sufficient for departmental corridors only. Another (25%) of total (net + 40% of net) should be added to cover for general circulation and wall thickness etc.

We will finalize the floor areas according to the final floor plans. Minor modifications as you indicated may arise

\* Modified preliminary design should be presented and approved before starting final drawings.

We will finalize the basic design drawings for the Report, but we would should discuss further details for the Detail Design at the next phase.

AR

Ad

B.T.I.

EQUIPMENT LIST  
FOR  
THE PROJECT FOR IMPROVEMENT  
OF  
THE HIGH INSTITUTE OF NURSING, CAIRO UNIVERSITY  
IN  
THE ARAB REPUBLIC OF EGYPT

*Technical Negotiation was conducted with  
Dr. Chelerezade, Prof. Komdo and Mr. Sato at  
Cairo University on April 10, 1990.*

*The result is attached to the following  
pages. (16 pages)*

*Cairo, April 10, 1990*

*Ch. Chazi*  
*Dr. Chelerezade*

April, 1990

*Gunko Komdo*  
*Prof. Komdo*

*A. Sato*  
*A. Sato*

Japan International Cooperation Agency

Section : Anatomy & Physiology Laboratory

Item No.	Generic Title	Q'ty
A-1	Figure, Male	1
A-2	Figure, Female	1
A-3	Combination Torso	1
A-4	Muscle, Male	1
A-5	Muscle, Female	1
A-6	Skin, Microscopical Structure	1
A-7	Brest	1
A-8	Skelton, Male	1
A-9	Skelton, Female	1
A-10	Skull	2
A-11	Vertebrall Column	2 each
A-12	Skeltal Joints	1
A-13	Vertebrall Column and Pelvis	1
A-14	Nerrous/Circulatory/Portal System	1 each
A-15	Neutron	1
A-16	Organ of Sense, Eyeball	1
A-17	Ear	1
A-18	Enlarged of the Alveoli	2
A-19	Larynx	2
A-20	Heart	2
A-21	Dinamic Heart with Electrocardiograph	1
A-22	Digestive Organs, Teeth, Lower Jaw	1
A-23	Teeth	1
A-24	Digestive System	1
A-25	Liver, Spleen and Kidney	1
A-26	Pancreas with Spleen and Duodenum	1
A-27	Kidney with Suprarenal Body	1
A-28	Urinary Organs	1
A-29	Pelvis with Uterus with Normal Pregnancy	1
A-30	Fetal Circulatory System	1
A-31	Birth Stage, First, Second, Third Stage	1 each
A-32	Anatomical Chart, 28 kinds/14 sheets	1
A-33	Virus Model	1

Ch. Ghazi  
S. Kondo

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Item No.	Generic Title	Q'ty
A-34	Epidemic Feces Model	1
A-35	Human Parasit Model	1
A-36	Human Parasit Model	1
A-37	Measles Model	1
A-38	Water-pox Model	1
A-39	Infectious Skin Disease Control	1
A-40	Development Stages of Bedsore	1
A-41	Children's Faces Model	1
A-42	Thrush Model	1
A-43	Peptic Ulcer Model	1
A-44	Cancer on Uterine Model	1
A-45	Cancer on Upper Jaw Model	1
A-46	Cancer of the Larynx Model	1
A-47	Cancer of Esophagus Model	1
A-48	Cancer of Rectal Model	1
A-49	Cancer of Lung	1
A-50	Cancer of Liver Model	1
A-51	Cancer of Stomach Model	1
A-52	Tuberculin Model	1
A-53	Cerebral Rescula Accident on Brain Model	1
A-54	Decayed Teeth Healthy Teeth Model	1
A-55	Milk Teeth and Permanent Teeth Model	1
A-56	Development Stages of Decayed Teeth	1
A-57	Venereal Disease Model	1
A-58	Venereal Disease Model, Female	1
A-59	Piles Model	1
A-60	Overhead Projector	1
A-61	Slide Projector	1

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A. J.

Section : Skill Laboratory

Item No.	Generic Title	Q'ty
B-1	2-Crank Standard Gatch Bed	12
B-2	Single Crank Pediatrics Bed	2
B-3	Spring Mattress	12
B-4	Spring Mattress for Pediatrics Bed	2
B-5	Bedside Cabinet	12
B-6	Overbed Table	4
B-7	Cradle, Large	2
B-8	Cradle, Small	2
B-9	Table for Pediatrics	2
B-10	Infant Incubator	2
B-11	Bassinet	2
B-12	Doll for Nursing Simulation	4
B-13	Doll for Bathing, Infant	4
B-14	Doll for Resuscitating, Adult	<del>4</del> → 3
B-15	Doll for Resuscitating, Infant	<del>4</del> → 3
B-16	Doll	2
B-17	Doll	2
B-18	Doll	1
B-19	IV Hanger Stand	4
B-20	Stretcher	1
B-21	Stretcher	1
B-22	Wheelchair, Standard Type	1
B-23	Wheelchair with Adjustable Foot Rest and Arm Rest	1
B-24	Emergency Cart with Defibrillator	1
B-25	Instrument Table	6
B-26	Dressing Carriage	2
B-27	Weighing Scale	2
B-28	Measuring Lod	2
B-29	Medication Cart	2
B-30	Stethoscope for 4 Persons	<del>16</del> → 10
B-31	Sphygmomanometer, <sup>Desk-top Type</sup> <del>Stand-Type</del>	<del>4</del> → 6
B-32	High Pressure Steam Sterilizer, <sup>Medium Size Type</sup>	<del>1</del> → 1
B-33	Electrocardiograph	1

Ch. Ghazi  
 of Konda

Item No.	Generic Title	Q'ty
B-34	Childbirth Phantom	2
B-35	Fetal Doll	2
B-36	Resuscitator	2
B-37	Doppler Fetas Detector	1
B-38	Refrigerator	1
B-39	Baby Scale	2
B-40	<del>Ultra-Violet Water Sterilizer</del>	<del>1</del> <i>delete</i>
B-41	Brush Sterilizer Box, <del>Stand Type</del> <i>Wall-mounted Type</i>	<del>1</del> <i>4</i>
B-42	Soap Dispenser, <i>Wall-mounted Type</i>	6
B-43	Dressing Drum Stand with One Drum	4
B-44	Sterilizing Dressing Forceps	5
B-45	Kick Bucket	2
B-46	Stand for Container with Container	1
B-47	Three Prong Sterilizer Forceps	1
B-48	Instrument Tray Table, 3-Section	1
B-49	Surgical Instrument Set	1
B-50	Wash Basin Stand with One Basin	2
B-51	Dressing Drum Stand with 2 Drums	4
B-52	Examination Table	1
B-53	<del>Puss</del> Basin	12
B-54	Basin	12
B-55	Chart File Cart	1
B-56	Case for Nursing Simulation Doll, for 4 dolls	2

Ch. Ghazi

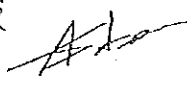
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Section : Skill Laboratory (2 Skill Laboratory without Beds)

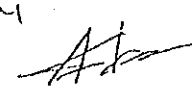
Item No.	Generic Title	Q'ty
<del>C-1</del>	<del>2-Crank Standard Gatch Bed</del>	<del>2 delete</del>
<del>C-2</del>	<del>Spring Mattress</del>	<del>2 delete</del>
C-3	Blood Pressure Measurement Trainer	12
C-4	Blood Collection and Interavenous Injection Simurator	10
C-5	Doll for Injection Simulation	10
C-6	Doll fro Urine Catheter Simulation, Male	4
C-7	Doll fro Urine Catheter Simulation, Female	4
C-8	Overhead Projector	2
<del>C-9</del>	<del>Slide Projector with Stand</del>	<del>2 delete</del>
<del>C-10</del>	<del>Screen, 1800 x 1800mm</del>	<del>2 delete</del>

Ch. Ghazi  
 S. Kondekar



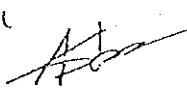
Section : Primary Health Care Unit

Item No.	Generic Title	Qty
D-1	Examination Table	1
D-2	Pillow	1
D-3	<sup>Two</sup> <del>One-Step</del> Foot Stool	1
D-4	Double Screen	1
D-5	Cloth Basket	1
D-6	Measuring Rod	1
D-7	Weighing Scale	1
D-8	Instrument Cabinet	1
D-9	One-Basin Stand with Basin	1
D-10	Stand	1
D-11	High Pressure Steam Sterilizer	1
<del>D-12</del>	<del>Instrument Sterilizer</del>	<del>1</del> <i>delete</i>
D-13	Arm Stand for Injection	1
D-14	Sphygmomanometer	1
D-15	Dressing Carriage	1
D-16	Treatment Carriage	1
D-17	Diagnostic Instrument	1
	(1) Stethoscope, Nurse Type	2
	(2) Percussion Hammer	1
	(3) Clinical Thermometer	5
	(4) Stop Watch	1
	(5) Diagnostic Set	1
	(6) Medicospot	1
	(7) Loupe	1
	(8) Sterilizing Jar Stand	1
	(9) Measuring Tape	1
D-18	Eye Chart and Eye Shade	1
D-19	Eye Color Chart	1
D-20	Lucae Tuning Fork	1
D-21	Treatment Instrument	1
	(1) Basin	2
	(2) Pitcher	1
	(3) Kick Bucket	1

Ch. Ghazi  
 J. Kondo 

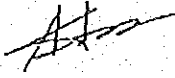


Item No.	Generic Title	Q'ty
	(4) Puss Basin	5
	(5) Tray	2
	(6) Sponge Bawl	5
	(7) Utility or Dressing Jar	5
	(8) Instrument Tray	3
	(9) Dressing Container	2
	(10) Hypodermic Syringe, Needle Assorted	1
	(11) Manual Resuscitator	1
	<del>(12) Small Operating Instrument</del>	<del>1</del> <i>delete</i>
	(13) Tree-Prong Sterilizer Forceps	2
	(14) Sterilizer Dressing Forceps	2
	(15) Dressing Forceps, 23cm long	2
	(16) Dressing Forceps, 18cm long	4
	(17) Lister Bandage Sissors	2
D-22	Examination Light	1
D-23	Photocopy Machine with Table	1
D-24	Electric Typewriter, English, Arabic with Table	1
D-25	Overhead Projector	1
D-26	Slide Projector with Stand	1
D-27	Screen	1
D-28	Blood Sugar Tester	2
D-29	Blood Sedimentation Set	2
D-30	Urine Analysis Kit	2
D-31	Centrifuge for Hematocrit	1
D-32	Hemoglobinmeter	2
D-33	Differential Leucocyto Counter	2
<del>D-34</del>	<del>Microscope, Monocular</del>	<del>1</del> <i>delete</i>
D-35	Bilirubin Meter	1

*A. Ghazi*  
*& Hondo* 

Section : Nursing Research Laboratory

Item No.	Generic Title	Q'ty
E-1	Personal Computer	9 <sup>of</sup> 10
	* Contents (per 1 set);	
	(1) Main Unit	1
	(2) Key Board	1
	(3) Color Display, 14 inch	1
E-2	Printer	3

Ch. Ghazi  
Ghondos 

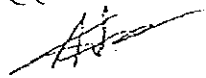
Section : Language Laboratory

Item No.                      Generic Title    Q'ty

~~F-1                      Cassette Recorder with Head Set    -25. delete~~

\* Alternative Plan :

F-1	Teacher Console	1
F-2	Master Tape Recorder	2
F-3	Booth Recorder	25
F-4	Head Set	26
F-5	Room Speaker	2
F-6	Connection Cable Set	1 lot
F-7	Booth Console for 2 Persons	<del>1</del> # 13

Ch. Ghazi  
Kondar 

Section : Library

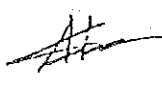
<u>Item No.</u>	<u>Generic Title</u>	<u>Q'ty</u>
G-1	Plain Paper Copier with Stand	2
G-2	Electric Typewriter, English, Arabic, with Table	1
add. G-3	Microfiche Reader	1
add. G-4	Data-search computer	2

Ch. Ghazi

J. Kondo ~~Ata~~

Section : Printing and Copy Room

Item No.	Generic Title	Q'ty
<del>H-1</del>	<del>Stencile Machine with Stand</del>	<del>2 delete</del>
<del>H-2</del>	<del>Stencile Cutter</del>	<del>2 delete</del>
<del>H-3</del>	<del>Plain Paper Copier with Stand</del>	<del>2 delete</del>
H-1	Gutting Machine , motor drive type	1
H-2	Stapling Machine , motor drive type	1
H-3	Sorting Machine , motor drive type	1
H-4	Shredding Machine , motor drive type	1

Ch. Ghazi  
Kandor . 

Section : Dark Room

Item No.	Generic Title	Q'ty
I-1	Dark Room Instrument Set	1
	(1) Enlarger	1
	(2) 50mm Lends and Lends Adoptor	1
	(3) Tank (Developing) for 1 Roll	2
	(4) Tank (Developing) for 3 Rolls	2
	(5) Safe Light for Film	2
	(6) Safe Light for Print	2
	(7) Safe Light for Print, Ceiling Type	1
	(8) Easel (1/4 size), 5"x7"	2
	(9) Dark Room Timer	2
	(10) Washer for Printing Paper	1
	(11) Dryer for Printing Paper	1
	(12) Cutter	1
	(13) Contact Printer	1
	(14) Bright Box	1
	(15) Film Dryer	1
	(16) Clip	50
	(17) Vat	20
	(18) Bamboo Tweezers	20
	(19) Enlarger Timer	1
	(20) Focusscope	1
	(21) Thermometer	5
	(22) Polyethylene Tank	20
	(23) Measure Cup	10
	(24) Loupe	5
	(25) Copy Stand	1
	(26) Photo Sponge	5
	(27) Funnel	5
	(28) Film Wiper	2
	(29) Stirrer Pole	5
	(30) Bellows Bottle	5
	(31) Blowers Brush	2
	(32) Hydrometer for Fixer	2

Ch. Ghazi  
 J. Kondo

*[Signature]*

<u>Item No.</u>	<u>Generic Title</u>	<u>Q'ty</u>
(33)	Dark Bag	1
(34)	Slide Viewer	2
(35)	Exposure Meter	1
(36)	Foot Switch for Enlarger	1
(37)	Blue Back Slide Processor Kit	1
(38)	Thermo Heater	1
(39)	35mm Camera	1
(40)	Lends, Assorted	1

Ch. Ghazi  
J. Kondor ~~Ats~~

Section : Audiovisual Production Room

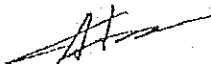
Item No.	Generic Title	Q'ty
<del>J-1</del>	<del>Video Editing System</del>	<del>✓ delete</del>
	(1) <del>Video Editing Consol</del>	<del>2</del>
	(2) <del>Video Editing Machine, S-VHS</del>	<del>2</del>
	(3) <del>Video Editing Mixer</del>	<del>1</del>
	(4) <del>Video Typewriter</del>	<del>1</del>
	(5) <del>Telop Camera</del>	<del>1</del>
	(6) <del>Telop Stand with Light</del>	<del>1</del>
	(7) <del>TV Monitor, 8 inch</del>	<del>2</del>
	(8) <del>TV Monitor, 14 inch</del>	<del>2</del>
	(9) <del>Power Amplifier</del>	<del>1</del>
	(10) <del>Cassette Tape Recorder</del>	<del>1</del>
	(11) <del>Microphone, Desk-Top Type</del>	<del>1</del>
	(12) <del>Monitor Speaker</del>	<del>1 set</del>
	(13) <del>Connection Cable</del>	<del>1 set</del>
J-2	2-CCD Color Camera with Stand	1
J-3	Video Tape Recorder, S-VHS, Color	1
J-4	Lighting Kit	1
J-5	Portable Video Camera/Recorder, VHS with Stand	<del>1</del> → 3
J-6	Portable Lighting Kit with Stand	1
<del>J-7</del>	<del>Transparent Marker</del>	<del>2 delete</del>
add. J-8	Video Copier	1
add. J-9	TV Monitor with Casset Recorder & Stand	8 or 10
add. J-10	Auto-sewid' Slide Apparatus	8 or 10

Ch. Ghazi  
 J. Konde, *Ata*



Section : Class Room and Seminar Room

<u>Item No.</u>	<u>Generic Title</u>	<u>Q'ty</u>
K-1	Overhead Projector <i>with assorted Lenses.</i>	4
K-2	Screen	4
K-3	Slide Projector with Stand	2
<i>add. K-4</i>	<i>Episcope</i>	2

Ch. Ghazi  
JKonda  


Section : Administrative Office

<u>Item No.</u>	<u>Generic Title</u>	<u>Q'ty</u>
L-1	Electric Typewriter, English, Arabic, with Table	7
<del>L-2</del>	<del>Calculator</del>	<del>delete</del>
add. L-3	Photocopy desk-top type	2

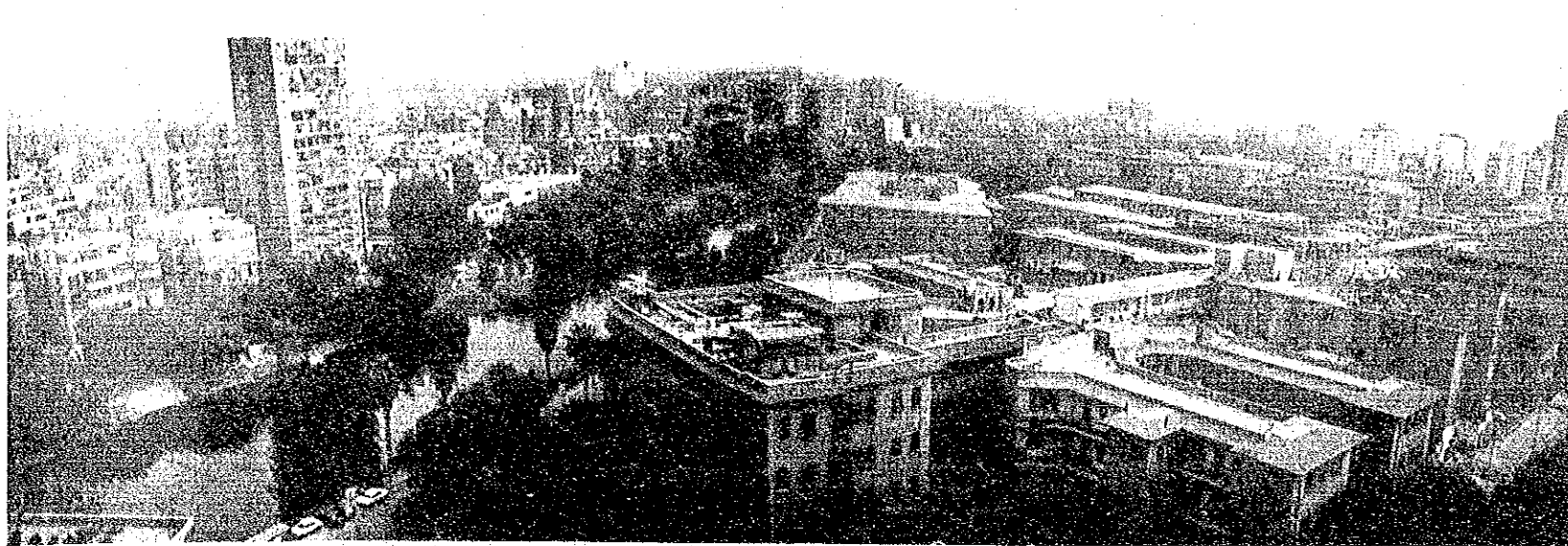
Ch. Ghazi  
Kardar

*[Signature]*

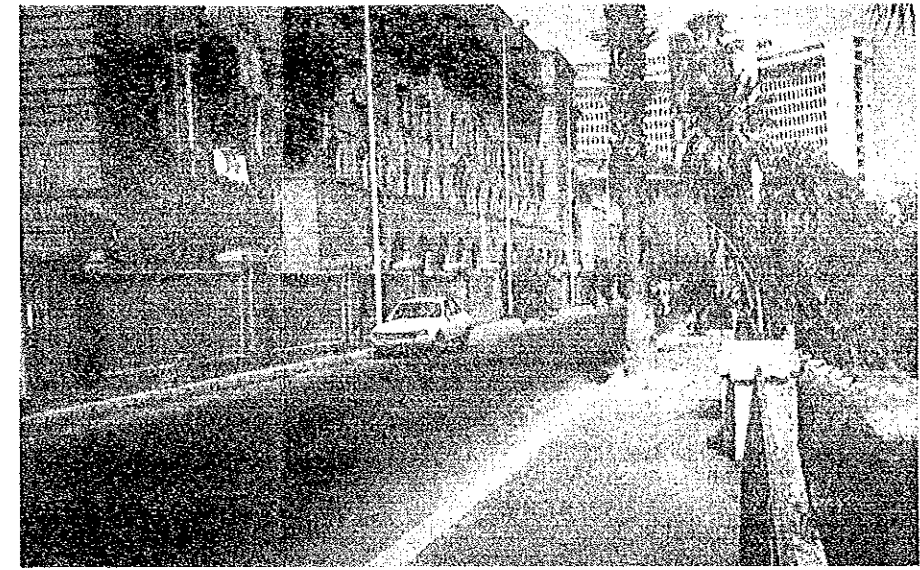
## 5. 建設予定地状況

### 5-1 建設予定地周辺状況

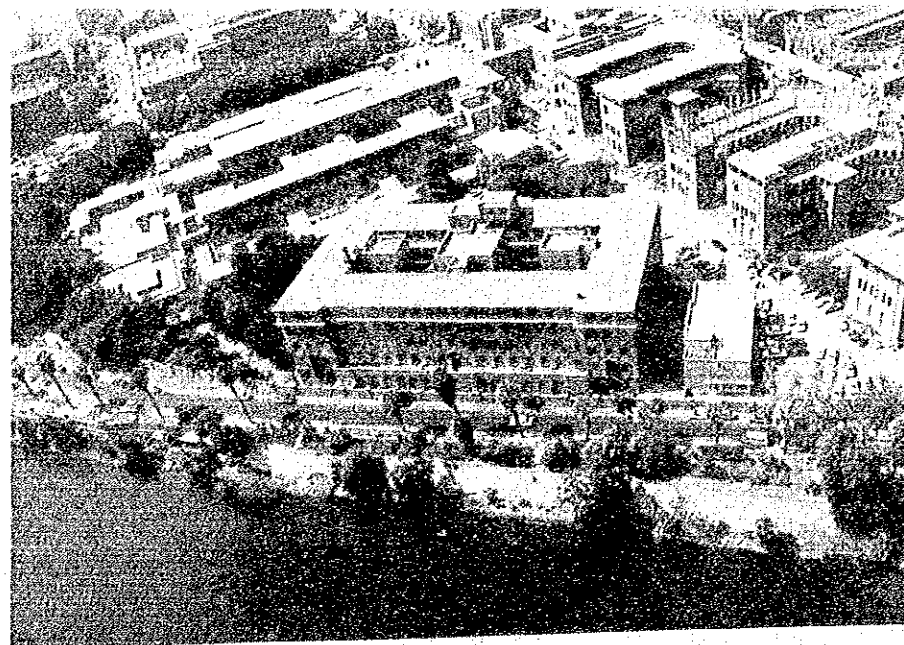
5-1 建設予定地周辺状況



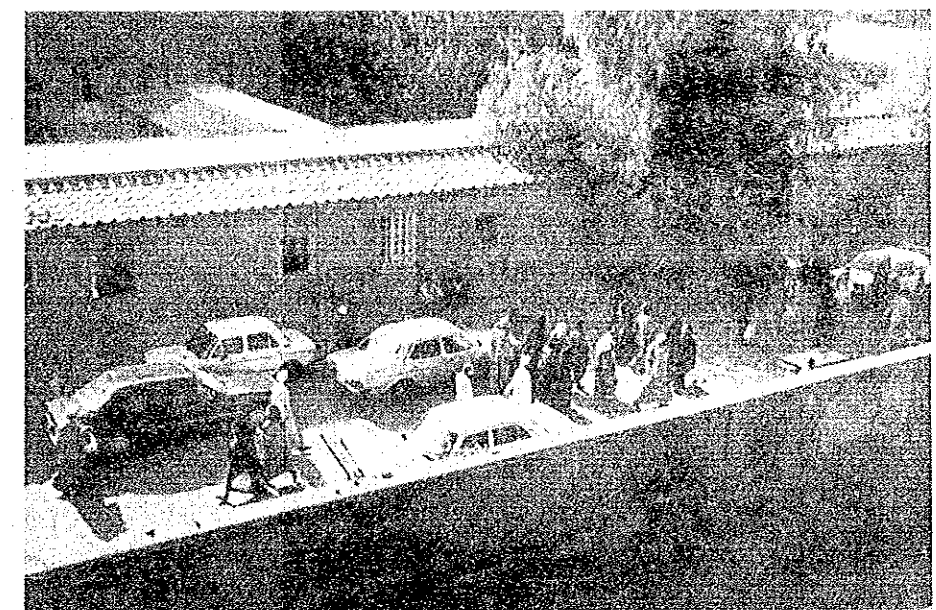
建設予定地と周辺状況  
(カイロ大学医学部キャンパス)



建設予定地西側構外道路



建設予定地  
(西側上空より)



建設予定地南側臨時通路



## 6. 機材基本設計案



## 解剖学・生理学ラボラトリー

7行4番号	機 材 名	数 量
A - 1	人体解剖模型、男性	1
A - 2	人体解剖模型、女性	1
A - 3	人体解剖模型、トルソー	1
A - 4	人体筋肉模型、男性	1
A - 5	人体筋肉模型、女性	1
A - 6	皮膚構造模型	1
A - 7	乳房解剖模型	1
A - 8	全身人体骨格模型、男性	1
A - 9	全身人体骨格模型、女性	1
A-10	頭骨模型、色分形	2
A-11	脊椎骨分離屈伸模型、頸椎模型、腰椎模型	各2
A-12	関節種類模型	1
A-13	脊椎交連標本	1
A-14	神経系・循環系・門脈系模型	1
A-15	脳神経模型、ニートロン	1
A-16	目構造模型、大型	1
A-17	耳構造模型	1
A-18	肺胞拡大模型	2
A-19	喉頭模型	2
A-20	心臓構造模型	2
A-21	手動可変式心臓模型、心音・心電図図解付	1
A-22	歯構造模型、下顎付	1
A-23	歯構造模型	1
A-24	消化器系統模型	1
A-25	三臓模型（肝臓、脾臓、腎臓）	1
A-26	腹部消化腺、脾臓、十二指腸模型	1



行番号	機 材 名	数 量
A-27	腎臓構造模型	1
A-28	泌尿器系統模型	1
A-29	骨盤付正規妊娠模型	1
A-30	胎児循環模型	1
A-31	分娩期（第一期～第三期）模型	1 枚
A-32	生理解剖掛図、28種類、14枚	1 枚
A-33	病原菌模型	1
A-34	伝染病便模型	1
A-35	人体寄生虫寄生状態模型	1
A-36	人体寄生虫模型、10種	1
A-37	麻疹模型	1
A-38	水痘模型	1
A-39	伝染性皮膚病模型	1
A-40	褥瘡経過模型	1
A-41	小児糞便模型、20種	1
A-42	鷺口瘡模型	1
A-43	胃潰瘍模型	1
A-44	子宮癌模型	1
A-45	上顎癌模型	1
A-46	喉頭癌模型	1
A-47	食道癌模型	1
A-48	直腸癌模型	1
A-49	肺癌模型	1
A-50	肝臓癌模型	1
A-51	胃癌模型	1
A-52	ツベルクリン反応模型	1

行A番号	機 材 名	数 量
A-53	脳溢血脳模型	1
A-54	齲齒・健全齒模型	1
A-55	乳齒・永久齒模型	1
A-56	虫齒經過拡大模型、5種	1
A-57	性病模型、24種	1
A-58	性病模型、女子	1
A-59	痔模型	1
A-60	オーバーヘッドプロジェクター	1
A-61	スライドプロジェクター、架台付	1

## 看護実習ラボラトリー 1

アイテム番号	機 材 名	数 量
B - 1	ギヤッチ ベッド、2 クランク	12
B - 2	小児用ベッド、1 クランク	2
B - 3	マットレス、スプリングタイプ	12
B - 4	マットレス、小児ベッド用	2
B - 5	ベッドサイド キャビネット	12
B - 6	オーバーベッド テーブル	4
B - 7	離被架、大	2
B - 8	離被架、小	2
B - 9	小児用テーブル	2
B - 10	保育器	2
B - 11	新生児ベッド、オーバーベッドタイプ	2
B - 12	看護実習用人形	4
B - 13	沐浴人形、乳児	4
B - 14	人工呼吸訓練用人形、大人	3
B - 15	人工呼吸訓練用人形、乳児	3
B - 16	包帯法練習模型、上肢	2
B - 17	包帯法練習模型、下肢	2
B - 18	外科包帯法練習模型	1
B - 19	点滴台	4
B - 20	ストレッチャー、酸素ボンベ架台付	1
B - 21	ストレッチャー、クランク付	1
B - 22	車椅子、標準型	1
B - 23	車椅子、フットレスト・アームレスト調節可能式	1
B - 24	エマージェンシーカート、心除細動装置付	1
B - 25	器械車	6
B - 26	廻診車	2

ア行A番号	機 材 名	数 量
B-27	体重計	2
B-28	身長計	2
B-29	与薬車	2
B-30	共聴用聴診器、4人用	10
B-31	血圧計、机上型	6
B-32	高圧蒸気滅菌器、卓上型、中型	1
B-33	心電計、1チャンネル	1
B-34	分娩実習器	2
B-35	助産婦人形、胎児人形付	2
B-36	手動式人工呼吸器	2
B-37	ドップラー型胎児心拍検出器	1
B-38	冷蔵庫	1
B-39	新生児体重計	2
B-40	手洗用ブラシケース、壁掛式、ブラシ付	4
B-41	手洗石鹸容器、壁掛式	6
B-42	消毒貯槽台、1台用、消毒貯槽付	4
B-43	把持鉗子	5
B-44	キックバケツ	2
B-45	消毒貯槽、スタンド付	1
B-46	三本鉗子	1
B-47	器械台（消毒盤台）	1
B-48	一般外科用手術器械セット	1式
B-49	手洗鉢、スタンド付	2
B-50	消毒貯槽、2台用、消毒貯槽付	4
B-51	診察台	1

<u>アイテム番号</u>	<u>機 材 名</u>	<u>数 量</u>
B-52	膿盆	12
B-53	手洗鉢	12
B-54	チャートファイル車	1
B-55	モデル人形収納ケース、4 体用	2

## 看護実習ラボラトリー 2

<u>アイテム番号</u>	<u>機 材 名</u>	<u>数 量</u>
C - 1	血圧測定練習器	12
C - 2	上肢注射・採血練習器	10
C - 3	筋肉注射練習器	10
C - 4	カテーテル導尿法練習器、男性	4
C - 5	カテーテル導尿法練習器、女性	4
C - 6	オーバーヘッドプロジェクター	2

# プライマリーヘルスケアユニット

アイテム番号	機 材 名	数 量
D - 1	診察台	1
D - 2	枕、診察台用	1
D - 3	踏台、2 段式	1
D - 4	衝立、2 折式	1
D - 5	脱衣かご	1
D - 6	身長計	1
D - 7	体重計	1
D - 8	器械戸棚、ステンレス製	1
D - 9	手洗鉢台、手洗鉢付	1
D - 10	架台	1
D - 11	高圧蒸気滅菌器、卓上型	1
D - 12	注射用腕枕	1
D - 13	血圧計	1
D - 14	廻診車	1
D - 15	処置車	1
D - 16	診察器具一式	1式
	(1) 聴診器、看護婦用	2
	(2) 打臍器	1
	(3) 体温計	5
	(4) ストップウォッチ	1
	(5) 診察セット	1セット
	(6) メディコスボット	1
	(7) ルーペ	1
	(8) 滅菌ジャースタンド	1
	(9) メジャー	1

7454番号	機 材 名	数 量
D-17	視力検査装置	1
D-18	色覚、色盲検査チャート	1
D-19	音叉、ルーツェ氏式	1
D-20	処置器具一式	1セット
	(1) 手洗鉢	2
	(2) ピッチャー	1
	(3) キックバケツ	1
	(4) 膿盆	5
	(5) トレー	2
	(6) スポンジボール	5
	(7) ドレッシング ジャー	5
	(8) 器械皿	3
	(9) 廻診車	2
	(10) ハイポダーミック シリンジ	1
	(11) 人工呼吸器、手動	1
	(12) 三本鉗子	2
	(13) 麦粒鉗子	2
	(14) 尋常ピンセット、23cm	2
	(15) 尋常ピンセット、18cm	4
	(16) 繃帯剪刀、リスター氏式	2
D-21	診察灯	1
D-22	複写機、架台付	1
D-23	電動タイプライター、英・アラビック、架台付	1
D-24	オーバーヘッドプロジェクター	1
D-25	スライドプロジェクター、架台付	1



了行ム番号	機 材 名	数 量
D-26	スクリーン	1
D-27	血糖値測定器	2
D-28	赤血球状降速度測定器	2
D-29	尿分析器	2
D-30	遠心器、ヘマトクリット用	1
D-31	ヘモグロビンメーター	2
D-32	白血球分類計算器、12キー	2
D-33	ビリルビンメーター	1

## 看護ラボラトリー

<u>アイテム番号</u>	<u>機材名</u>	<u>数量</u>
E - 1	パーソナル コンピューター	9~10
E - 2	プリンター	3

## 言語練習ラボラトリー

<u>行番号</u>	<u>機 材 名</u>	<u>数 量</u>
F - 1	教員用コンソール	1
F - 2	マスター、テープレコーダー	2
F - 3	ブースレコーダー	25
F - 4	ヘッドセット	26
F - 5	スピーカー	2
F - 6	接続ケーブル	1式
F - 7	生徒用ブース、2人用	13

## 図書館

アイテム番号	機 材 名	数 量
G - 1	複写機、架台付	2
G - 2	電動タイプライター、英文・アラビック、架台付	1
G - 3	マイクロフィシェリーダー	1
G - 4	データサーチコンピューター	2

## 印刷・コピー室

行番号	機 材 名	数 量
H - 1	電動式カッティングマシン	1
H - 2	電動式ステープリングマシン	1
H - 3	電動式ソーティングマシン	1
H - 4	電動式シュレッダー	1

# 暗室

了行A番号      機      材      名      数      量

1 - 1      暗室用機材一式      1式

## オーディオビジュアル プロダクション

J - 1	2-CDDカラーカメラ、スタンド付	1
J - 2	ビデオテープレコーダー、S-VHS、カラー	1
J - 3	照明装置、室内用	1セット
J - 4	ポータブルビデオカメラ/レコーダー、VHS	3
J - 5	照明装置、野外用、架台付	1セット
J - 6	ビデオテープ複製器	1
J - 7	ビデオカセット再生装置付テレビモニター、スタンド式	8~10
J - 8	音声同調式スライド投映機	8~10

## 教室・セミナー室

<u>行番号</u>	<u>機 材 名</u>	<u>数 量</u>
K - 1	オーバーヘッドプロジェクター	5
K - 2	スクリーン	5
K - 3	スライドプロジェクター、架台付	2
K - 4	エビスコープ	2

## 事務室

アイテム番号	機 材 名	数 量
L - 1	電動タイプライター、英語・アラビック、架台付	7
L - 2	複写機、卓上式	2



