

4. Minutes

4-1 Minutes of Discussions (Basic Design Survey)

Signed on 20 December, 1989.

4-2 Minutes of Discussions (Draft Final Report Explanation)

Signed on 11 April, 1990.

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

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

M. Salama

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

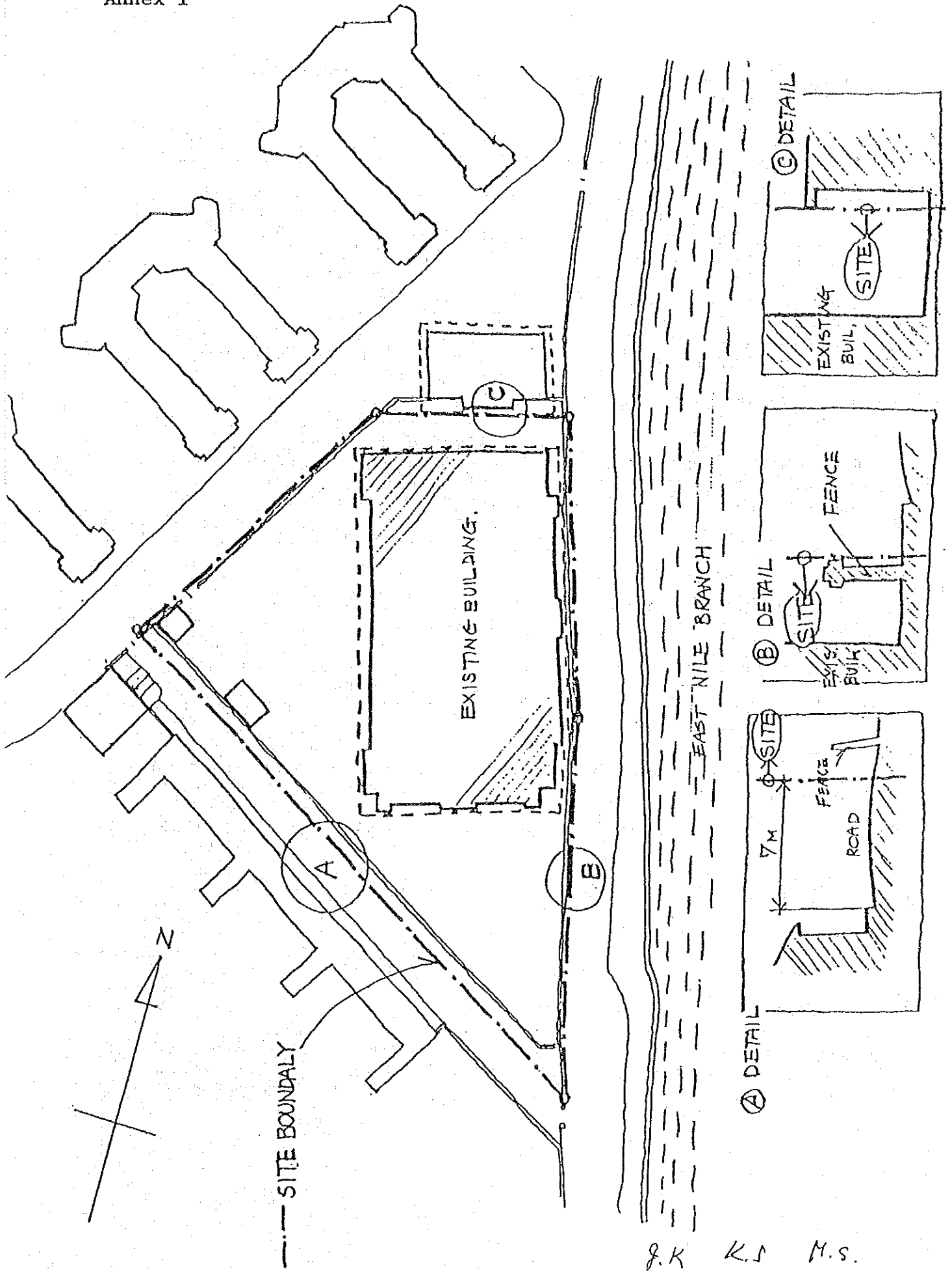
K. Sam

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 7,470m², 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 | (ii) ADMINISTRATION SECTION |
| . Lectures theatres | . Director's office |
| . Meeting Rms | . Deputy Director's office |
| . Classrooms | . Experts room |
| . Seminar Rms | . Academic Depts. |
| . Laboratories | . Professor Rms |
| . Language Laboratory | . Administration of Director |
| . Library | . Student Education |
| . Filing storage | . Student care |
| . Dark Rm | . High studies affairs |
| . Copy Rm | . Financial affairs |
| . Audio Visual Production Rm | . Administrative affairs |
| . Primary Health Care Unit | . Conference Rms |
| . Locker Rms | . Teaching staff Rms |
| | . Printing Rm |
| | . Examination Control Unit |

- | | |
|-------------------------------|---------------------|
| (iii) GENERAL SERVICE SECTION | (IV) HOSTEL SECTION |
| . Cafeteria | . 4 Bedrooms |
| . Multi Purpose Halls | . 2 Bedrooms |
| . Student activities Rms | . Laundry |
| | . Kitchen/Dining Rm |
| | . Common space |

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

J.K. K.S. M.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 ^{banking charge} ~~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

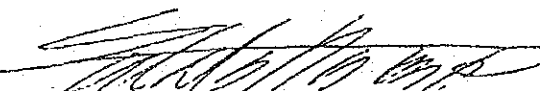
MINUTES OF DISCUSSIONS
ON
THE DRAFT REPORT OF THE BASIC DESIGN STUDY
ON
THE PROJECT FOR IMPROVEMENT OF
THE HIGH INSTITUTE OF NURSING, CAIRO UNIVERSITY
IN
THE ARAB REPUBLIC OF EGYPT

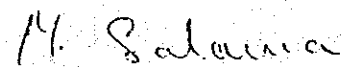
In response to the request made by the Government of the Arab Republic of Egypt, the Government of Japan decided to conduct a Basic Design Study on the Project for Improvement of the High Institute of Nursing, Cairo University (hereinafter referred to as "the Project") and entrusted the study to the 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	*	
	*	

K.S.

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		

K. Sa.

M.S.

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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. A. Nassef

Shozo Baba

Dr. Ahmad 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.

AR

J. T.

* 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.

General Observations

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

* 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.

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

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

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

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

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.

AP

AP

B.T.L.

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. Cheherzade, Prof. Kondo 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. Ghazi
Dr. Cheherzade

April, 1990

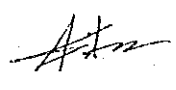
Gunhei Kondo
Prof. Kondo

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

Ch. Ghazi

P. Kondo

[Signature]

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	4 → 3
B-15	Doll for Resuscitating, Infant	4 → 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	16 → 10
B-31	Sphygmomanometer, Stand Type <i>Desk-top Type</i>	7 → 6
B-32	High Pressure Steam Sterilizer, <i>Medium Size Type</i>	7 → 1
B-33	Electrocardiograph	1

Ch. Ghazi
 J. Kondor *[Signature]*

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	Ultra-Violet Water Sterilizer	1 delete
B-41	Brush Sterilizer Box, ^{Wall-mounted Type} Stand Type	1 → 4
B-42	Soap Dispenser, ^{Wall-mounted Type}	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	Puss Basin	12
B-54	Basin	12
B-55	Chart File Cart	1
B-56	Case for Nursing Simulation Doll, for 4 dolls	2

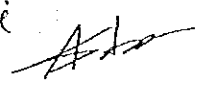
Ch. Ghazi

Ghondo

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Section : Skill Laboratory (2 Skill Laboratory without Beds)

<u>Item No.</u>	<u>Generic Title</u>	<u>Q'ty</u>
C-1	2-Crank Standard Gatch Bed	7 delete
C-2	Spring Mattress	7 delete
C-3	Blood Pressure Measurement Trainer	12
C-4	Blood Collection and Intervenous 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
C-9	Slide Projector with Stand	7 delete
C-10	Screen, 1800 x 1800mm	7 delete

Ch. Ghazi
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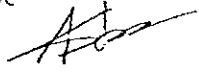
6/16

Section : Primary Health Care Unit

Item No.	Generic Title	Q'ty
D-1	Examination Table	1
D-2	Pillow	1
D-3	^{Two} One-Step 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
D-12	Instrument Sterilizer	1 <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
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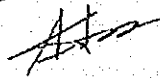
Item No.	Generic Title	Q'ty
(4)	Puss Basin	5
(5)	Tray	2
(6)	Sponge Bawl	5
(7)	Utility or Dressing Jar	5
(8)	Instrument Tray	3
(9)	Dressing Container	2
(10)	Hypodermic Syringe, Needle Assorted	1
(11)	Manual Resuscitator	1
(12)	Small Operating Instrument	1 <i>delete</i>
(13)	Tree-Prong Sterilizer Forceps	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
D-34	Microscope, Monocular	1 <i>delete</i>
D-35	Bilirubin Meter	1

Ah. Ghazi
& Kondo 

8/16

Section : Nursing Research Laboratory

Item No.	Generic Title	Qty
E-1	Personal Computer	9 ^{of} 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
Kondor 

9/16

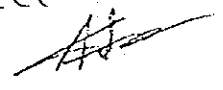
Section : Language Laboratory

Item No.	Generic Title	Q'ty
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F-1	Cassette Recorder with Head Set	25 delete
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* Alternative Plan :

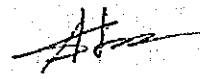
F-1	Teacher Console	1
F-2	Master Tape Recorder	2
F-3	Booth Recorder	25
F-4	Head Set	26
F-5	Room Speaker	2
F-6	Connection Cable Set	1 lot
F-7	Booth Console for 2 Persons	1/13

Ch. Ghazi
 of Konda 

10/16

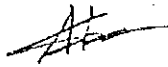
Section : Library

<u>Item No.</u>	<u>Generic Title</u>	<u>Qty</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	1

Ch. Ghazi
J.Rondor 

Section : Printing and Copy Room

Item No.	Generic Title	Q'ty
H-1	Stencile Machine with Stand	2 delete
H-2	Stencile Cutter	2 delete
H-3	Plain Paper Copier with Stand	2 delete
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
Kondor 

10/16

Section : Dark Room

<u>Item No.</u>	<u>Generic Title</u>	<u>Q'ty</u>
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



<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 ~~Ata~~

Section : Audiovisual Production Room

14/16

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

Ch. Ghazi
 & Konde, *Ata*

Section : Class Room and Seminar Room

15/6

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

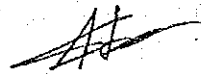
Ch. Ghazi
J. Konda
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Section : Administrative Office

16/16

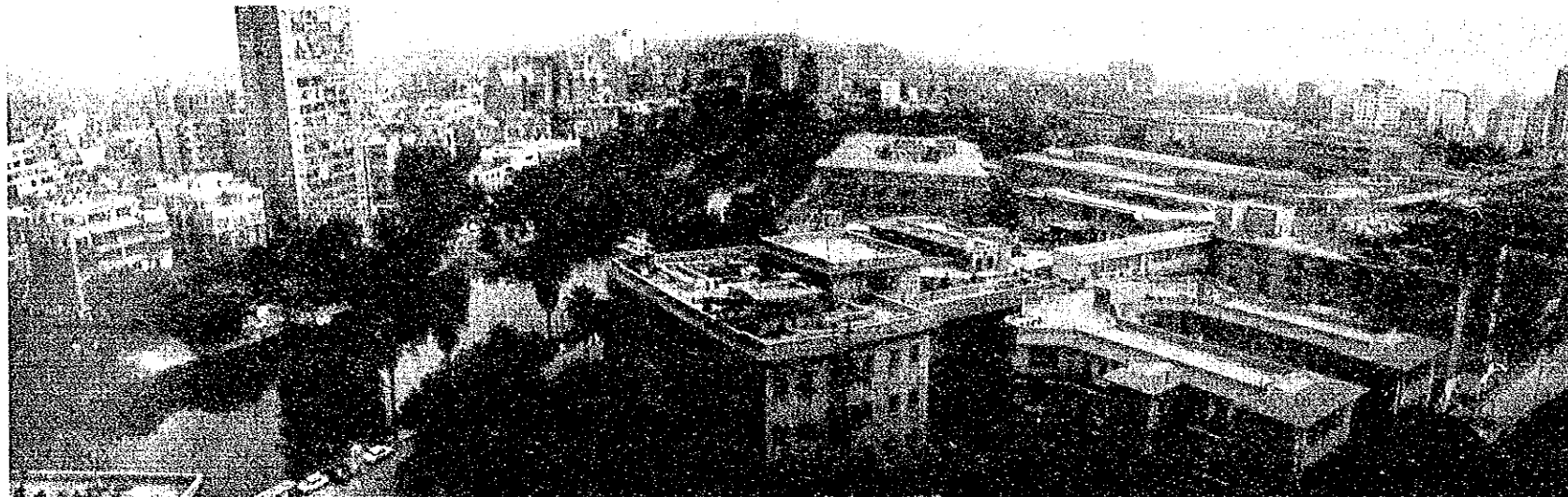
<u>Item No.</u>	<u>Generic Title</u>	<u>Q'ty</u>
L-1	Electric Typewriter, English, Arabic, with Table	7
L-2	Calculator	delete
add. L-3	Photocopy desk-top type	2

Ch. Ghazi
Khosro

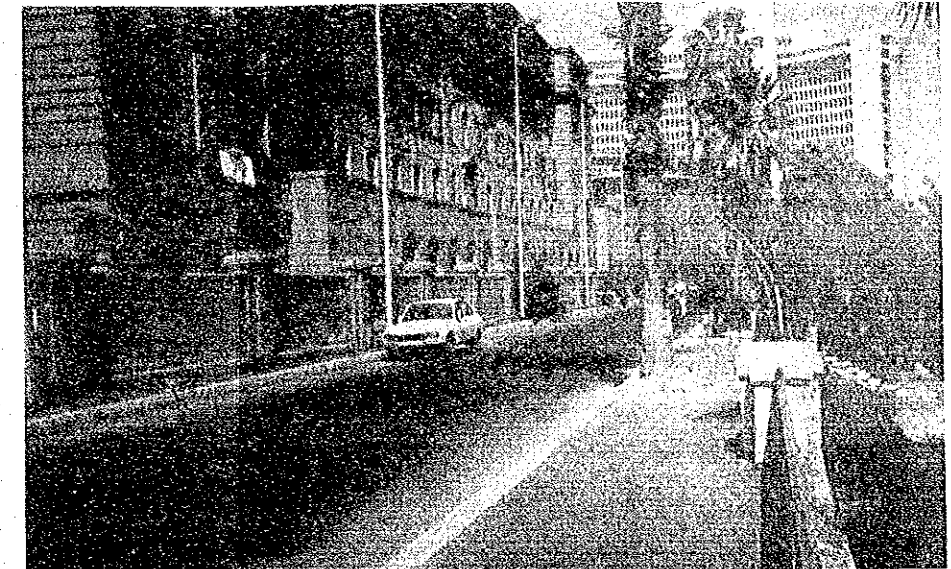


5. Construction Site

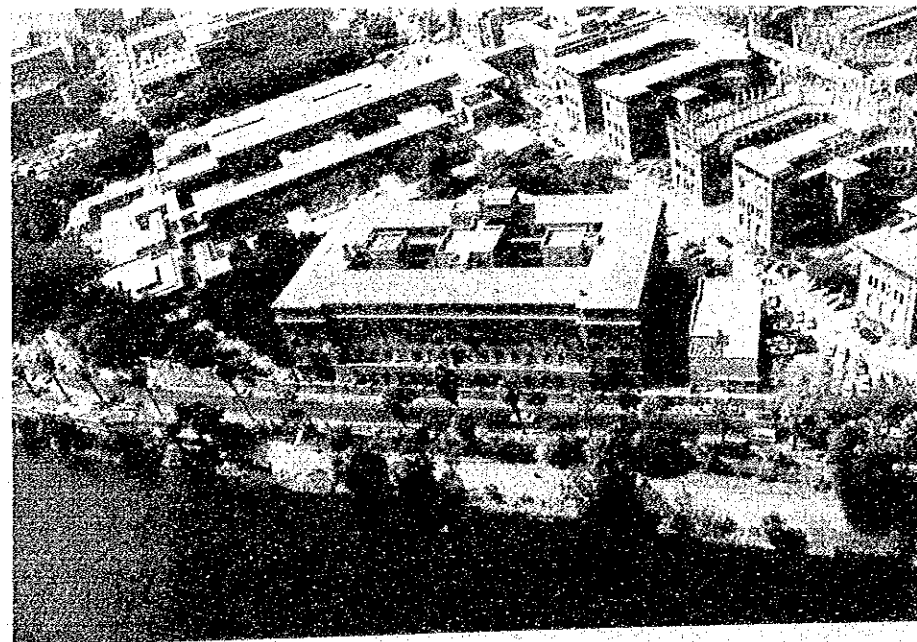
Construction Site



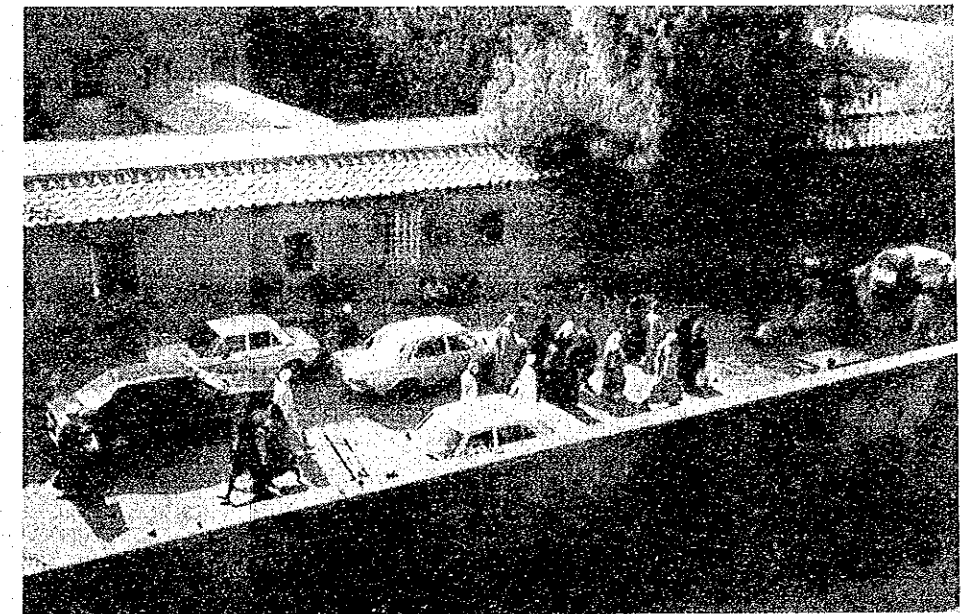
Cairo University in the city



External road on the western side



Project site and the Existing Building



Internal road on the southern side

6. Equipment List

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

April, 1990

Japan International Cooperation Agency

Section : Anatomy & Physiology Laboratory

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

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

Section : Skill Laboratory

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

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

Section : Skill Laboratory (2 Skill Laboratory without Beds)

<u>Item No.</u>	<u>Generic Title</u>	<u>Q'ty</u>
C-1	Blood Pressure Measurement Trainer	12 units
C-2	Blood Collection and Intervenous Injection Simurator	10 units
C-3	Doll for Injection Simulation	10 pcs.
C-4	Doll for Urine Catheter Simulation, Male	4 pcs.
C-5	Doll for Urine Catheter Simulation, Female	4 pcs.
C-6	Overhead Projector	2 units

Section : Primary Health Care Unit

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

<u>Item No.</u>	<u>Generic Title</u>	<u>Q'ty</u>
	(4) Pus Basin	5 pcs.
	(5) Tray	2 pcs.
	(6) Sponge Bawl	5 pcs.
	(7) Utility or Dressing Jar	5 pcs.
	(8) Instrument Tray	3 pcs.
	(9) Dressing Container	2 pcs.
	(10) Hypodermic Syringe, Needle Assorted	1 lot
	(11) Manual Resuscitator	1 pc.
	(12) Tree-Prong Sterilizer Forceps	2 pcs.
	(13) Sterilizer Dressing Forceps	2 pcs.
	(14) Dressing Forceps, 23cm long	2 pcs.
	(15) Dressing Forceps, 18cm long	4 pcs.
	(16) Lister Bandage Sissors	2 pcs.
D-21	Examination Light	1 unit
D-22	Photocopy Machine with Table	1 unit
D-23	Electric Typewriter, English, Arabic with Table	1 unit
D-24	Overhead Projector	1 unit
D-25	Slide Projector with Stand	1 unit
D-26	Screen	1 unit
D-27	Blood Sugar Tester	2 units
D-28	Blood Sedimentation Set	2 units
D-29	Urine Analysis Kit	2 units
D-30	Centrifuge for Hematocrit	1 unit
D-31	Hemoglobinmeter	2 units
D-32	Differential Leucocyto Counter	2 units
D-33	Bilirubin Meter	1 unit

Section : Nursing Research Laboratory

<u>Item No.</u>	<u>Generic Title</u>	<u>Qty</u>
E-1	Personal Computer	9 or 10 units
	* Contents (per 1 set);	
	(1) Main Unit	1 unit
	(2) Key Board	1 unit
	(3) Color Display, 14 inch	1 unit
E-2	Printer	3 units

Section : Language Laboratory

Item No.	Generic Title	Q'ty
F-1	Teacher Console	1 unit
F-2	Master Tape Recorder	2 units
F-3	Booth Recorder	25 units
F-4	Head Set	26 units
F-5	Room Speaker	2 units
F-6	Connection Cable Set	1 lot
F-7	Booth Console for 2 Persons	13 units

Section : Library

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

Section : Printing and Copy Room

<u>Item No.</u>	<u>Generic Title</u>	<u>Q'ty</u>
H-1	Cutting Machine, Moter Drive Type	1 unit
H-2	Stapling Machine, Moter Drive Type	1 unit
H-3	Sorting Machine, Moter Drive Type	1 unit
H-4	Shedding Machine, Moter Drive Type	1 unit

Section : Dark Room

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

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

Section : Audiovisual Production Room

Item No.	Generic Title	Q'ty
J-1	2-CCD Color Camera with Stand	1 unit
J-2	Video Tape Recorder, S-VHS, Color	1 unit
J-3	Lighting Kit	1 unit
J-4	Portable Video Camera/Recorder, VHS with Stand	3 units
J-5	Portable Lighting Kit with Stand	1 unit
J-6	Video Copier	1 unit
J-7	TV Monitor with Casset Recorder & Stand	8 or 10 units
J-8	Auto-sound Slide Apparatus	8 or 10 units

Section : Class Room and Seminar Room

<u>Item No.</u>	<u>Generic Title</u>	<u>Q'ty</u>
K-1	Overhead Projector	5 units
K-2	Screen	5 units
K-3	Slide Projector with Stand	2 units
K-4	Episcope	2 units

Section : Administrative Office

<u>Item No.</u>	<u>Generic Title</u>	<u>Q'ty</u>
L-1	Electric Typewriter, English, Arabic, with Table	7 units
L-2	Photocopy Desk-top Type	2 units

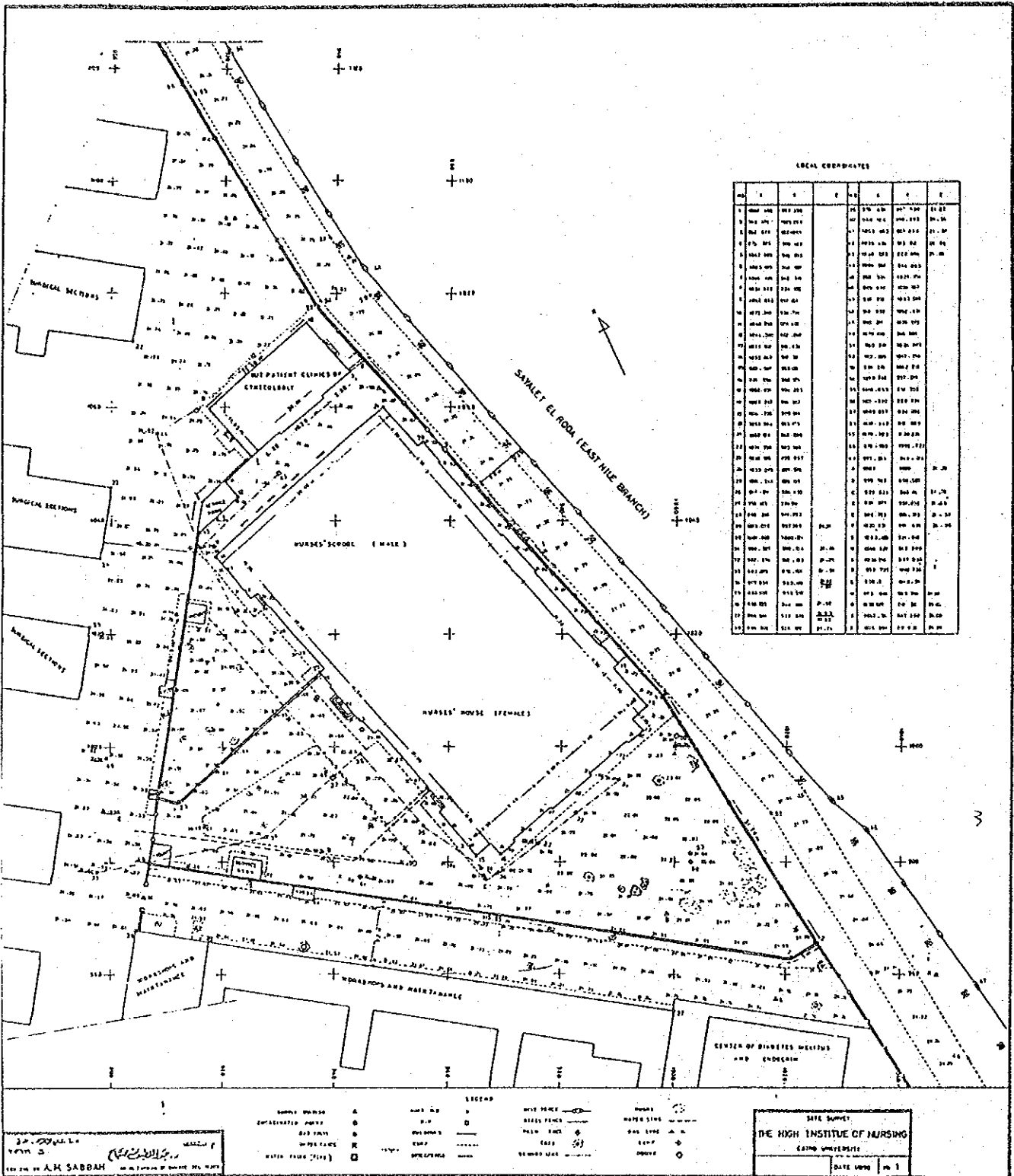
7. Others

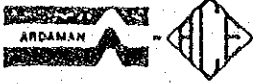
7-1 Boring data

7-2 Weekly time table of the curriculum

7-3 Curriculum

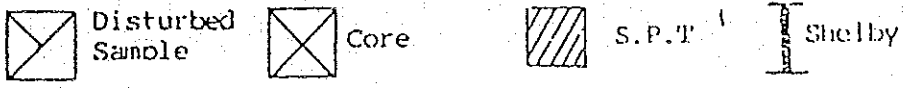
7-1 Boring data

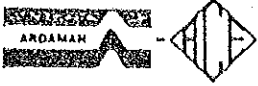




Project : HIGHER INSTITUTE OF NURSING CAIRO UNIVERSITY		Borehole N° : 1	File : 560/S
Ground level : N/A	Water depth Initial : 4.93m Date : 30/12/1989		Date : 31/12/1989
Lab. Engineer : H. ELRamy	Field Engineer : A. Sakr	Driller : Saleh	
Date : 30/12/1989	Equipment : Manual	Sheet : 1 of 2	

Depth (m.)	Sample		SPT N or Recon %	Strata		Description	Remarks	Elevation
	N°	Type		Thickness (m)	Section			
0	1			0.30		ASPHALT AND LIMESTONE PIECES:		
1	2		15	3.15		FILL: Silty clay, sand, limestone pieces, red bricks, dark brown.		
2	3		12					
3	4							
4	US1			3.65		CLAY: Silty with traces of fine sand, brown. L.L=59%, P.L=23%, W/C=34%, P.P=2.1kg/cm ² qun = 0.99kg/cm ² , γ _b =1.86t/m ³ , W/C=38% P.P=1.40kg/cm ² , W/C= 50 % at 5.0m. L.L=61%, P.P=29%, W/C= 50% , P.P= 1.50 kg/cm ² at 6.0m.	Pocket penetrometer	
5	US2							
6	US3							
7	US4							
7	5		23	0.45		SAND: Silty, medium dense, fine grained, brown. (-200 sieve=31%)		
8	6			0.45		SANDY GRAVEL With traces of silt light brown.		
8	7		32	1.0		SAND and gravel: Fine to coarse grained with traces of silt, brown.		
9	8		35					
10						SAND: -200 sieve = 7%		





Project : HIGHER INSTITUTE OF NURSING CAIRO UNIVERSITY		Borehole N° : 1		File : 560/S				
Ground level : N/A		Water depth Initial : 4.93m final : 3.60m		Date : 30/12/1989 Date : 31/12/1989				
Lab. Engineer : H. EL-Ramly		Field Engineer : A. Sakr		Driller : Saleh				
Date : 30/12/1989		Equipment : Manual		Sheet : 2 of 2				
Depth (m.)	Sample		SPT N or Recon N°	Strata		Description	Remarks	Elevation
	N°	Type		Thickness (m)	Section			
9			10	4.50		SAND: Dense to very dense, fine to medium grained with traces of silt, light brown. Traces of fine gravel and clay pockets from 10.0m to 11.0m.		
10			54					
11								
12				6.5		SAND: Very dense, fine to medium grained with traces of silt, yellow. Becomes with some fine gravel from 13.50 to 14.0m. Traces of red brick pieces from 14.0 to 15.0m.		
13								
14			62					
15			71					
16			50/ 6"					
17			50/ 5"	6.5		Traces of red brick pieces from 14.0 to 15.0m.		
18			73/ 4"					
19								
20						End of boring at 20.0m.		



Disturbed Sample



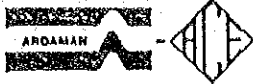
Core



S.P.T.



Shelby



Project : HIGHER INSTITUTE OF NURSING CAIRO UNIVERSITY			Borehole N° : 2		File : 560/S			
Ground level : N/A			Water depth Initial : 3.85m Date : 29/12/1989 final : 3.80m Date : 29/12/1989					
Lab. Engineer : H. ELRamly			Field Engineer : Moubark		Driller : Yehia			
Date : 29/12/1989			Equipment : CM6.45		Sheet : 1 of 2			
Depth (m.)	Sample		SPT N or Recon ery	Strata		Description	Remarks	Elevation
	N°	Type		Thickness (m)	Section			
1	1					FILL: sand, limestone pieces, some silt and clay, brown.		
1	US1			2.60				
2	2		11					
3	3		6	2.40		CLAY: Silty with limestone pieces and some fine sand, brown.		
4	US2					L.L= 73% , P.L= 32% , W/C= 39%. P.P=1.50kg/cm ²		
5	4		12			SANDY SILTY CLAY: With limestone pieces, brown.		
6	5		18			-200 sieve = 60%		
8	6		10	4.0				
9	7		24	1.0		SAND: Medium dense, fine grained with some silt, brown.		



Disturbed Sample



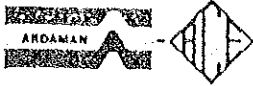
Core



S.P.T.



Shelly



Project : HIGHER INSTITUTE OF NURSING CAIRO UNIVERSITY			Borehole N° : 2		File : 560/S			
Ground level : N/A			Water depth Initial 3.85m final 3.80m		Date : 29/12/1989			
Lab. Engineer : H EL-Ramly			Field Engineer : Moubark		Driller : Yehia			
Date : 29/12/1989			Equipment : CME.45		Sheet : 2 of 2			
Depth (m.)	Sample		S.P.I. N or Recon No	Strata		Description	Remarks	Elevation
	N°	Type		Thickness (m)	Section			
11	8		60			SAND: Very dense, fine to medium grained with traces of silt, yellow. Traces of fine gravel from 12.0 to 14.0m. -200 sieve = 7%		
12	9		41					
14	10		65					
15	11		77					
17	12		98					
18	13		50/ 6"					
19								
20	14		71					
End of boring at 20.0m.								



Disturbed Sample



Core



S.P.T



Shelby



Project : HIGHER INSTITUTE OF NURSING CAIRO UNIVERSITY		Borehole N° : 3		File : 560/S				
Ground level : N/A		Water depth Initial : 4.35m final : 4.0m		Date : 30/12/1989				
Lab. Engineer H.EL. Ramly		Field Engineer : Moubark		Driller : Yehia				
Date : 30/12/1989		Equipment : CME.45		Sheet : 1 of 2				
Depth (m.)	Sample		SPT N or Recon %	Strata		Description	Remarks	Elevation
	N°	Type		Thickness (m)	Section			
0.1				1.0		AGRICULTURE SOIL : Silty clay with some fine sand and plant roots, brown.		
1	2		12	6.40		CLAY: Silty with traces of fine sand, brown. Becomes with limestone pieces at 3.0m. L.L= 52 % , P.L= 30 % , W/C= 37%, P.P=1.30 kg/cm ² at 5.0m.		
2	3		24					
3	4		19					
4	5		12					
5	US1							
6	6		5					
7				1.8		SAND: Silty, medium dense, fine grained, brown.		
8	7		13					
9	US2					CLAY: Silty with some fine sand, brown.		
10								



Disturbed Sample



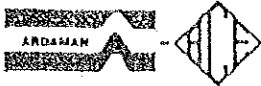
Core



S.P.T



Shelby



Project : HIGHER INSTITUTE OF NURSING CAIRO UNIVERSITY		Borehole N° : 3	File : 560/S
Ground level : N/A	Water depth Initial 4.35 m Date : 30/12/1989		Date : 30/12/1989
Lab. Engineer : H. EL. Ranly		Field Engineer : Moubark	Driller : Yehia
Date : 30/12/1989		Equipment : CME 45	Sheet 2 of 2

Depth (m.)	Sample		SPT N of Recon stry	Strata		Description	Remarks	Elevation
	N°	Type		Thickness (m.)	Section			
11	8		19	1.6		* Continuation of the same layer.		
12	9		48	1.20		SAND: Fine grained with some silt, brown.		
13	10		66	7.0		SAND: Dense to very dense, medium to fine grained with traces of of silt, yellow.		
15	11		71					
17	12		55					
18	13		38					
19	14		52	1.0		SAND: Very dense, fine grained with some silt, brown. End of boring at 20.0m.		



Disturbed Sample



Core



S.P.T







Shelby

7-2 Weekly time table of the curriculum

High Institute of Nursing Cairo University		First Year (6 weeks intensive English) Weekly Time Table			
Days	8 - 10	10 - 12	12 - 2	2 - 4	
Saturday	English				
Sunday	English				
Monday	English				
Tuesday	English				
Wednesday	English				
Thursday	English				

High Institute of Nursing Cairo University		First Year Weekly Time Table				
Days		8 - 10	10 - 12	12 - 2	2 - 4	
Saturday	A	Physiology	Physiology	Anatomy	English	Library hours
	B	GA - B	GA - B	GA	Conversation	
Sunday	A	Nursing Theory		Parasitology		Psychology
	B	Nursing Practice and Lab.				
Monday	A	Nursing Theory		Anatomy	English	
	B	Nursing Practice and Lab.			GA and B	
Tuesday	A	Nursing Theory			Sociology	
	B	Nursing Practice and Lab.			Two Groups	
Wednesday	A	Nursing Theory				
	B	Nursing Practice and Lab.			Bacteriology	
Thursday		Library hours				

-  200 Stu Classroom
-  100 Stu Classroom
-  50 Stu Classroom
-  Practice

Days	8 - 10	10 - 12	12 - 2	2 - 4	
Saturday	Library hours				
Sunday		Pharmacology	Medicine	English Group A	Group B Library
Monday	Medical-Surgical Nursing Practical and Lab			General Surgery	
Tuesday	Medical-Surgical Nursing Practical and Lab			Sociology	
Wednesday	Medical-Surgical Nursing Practical and Lab			Pathology	
Thursday	Nursing Theory	Nutrition & Biochemistry	ENT- X ray Clinical Path	English Conversation	

High Institute of Nursing Cairo University

Third Year (Obstetrical) Weekly Time Table

Days	8 - 10	10 - 12	12 - 2	2 - 4	
Saturday	Developmental Psychology	OBS & GYN	Applied Nutrition	English Conversation	
Sunday	Nursing MCH Theory		Methods of Teaching	Library Conversation	
Monday	Nursing Practice and Lab			Conversation	
Tuesday	Nursing Practice and Lab			Library	
Wednesday	Nursing Practice and Lab			Library	
Thursday	Library				

High Institute of Nursing Cairo University

Third Year (Pediatrics) Weekly Time Table

Days	8 - 10	10 - 12	12 - 2	2 - 4	
Saturday	Developmental Psychology	M & S Pediatrics	Applied Nutrition	English Conversation	Library hours
Sunday	Pediatric Theories		Methods of Teaching	Health Education	
Monday	Nursing Practice and Lab			Library	
Tuesday	Nursing Practice and Lab			Library	
Wednesday	Nursing Practice and Lab			Library	
Thursday	Library				

High Institute of Nursing Cairo University

Fourth Year (Psychiatric) Weekly Time Table

Days	8 - 10	10 - 12	12 - 2	2 - 4	
Saturday	Psychiatric Nursing Theory		English	Human Relations	
Sunday	Epidemiology	Psychiatric Medicine	Methods of Teaching	Research	
Monday	Nursing Practical				
Tuesday	Nursing Practical			Current Affairs	
Wednesday	Nursing Practical			English Literature	
Thursday	Library				

High Institute of Nursing Cairo University

Fourth Year (Pediatrics) Weekly Time Table

Days	8 - 10	10 - 12	12 - 2	2 - 4	
Saturday	Community Health Nursing Theory		English Language	Human Relations	Library hours
Sunday	Epidemiology	Public Health Administration	Nursing Service	Research	
Monday	Nursing Practice and Lab.			Library	
Tuesday	Nursing Practice and Lab.			Library	
Wednesday	Nursing Practice and Lab.			Library	
Thursday	Library				

High Institute of Nursing Cairo University

Master's Programme 1st Semester Weekly Time Table

Days	8 - 10	10 - 12	12 - 2	2 - 4	
Saturday	In-service Training (A)	Advanced statistics	Human Relation and Group Dynamics		
Sunday	Nursing Service Administration (A)	Research	Curriculum Development (B)		
Monday			Methods of Teaching (B)	Anthropology	
Tuesday					
Wednesday					
Thursday					

(A) Course given to students specializing in Administration.

(B) Course given to students specializing in Education

High Institute of Nursing Cairo University

Master's Programme 2nd Term & 3rd Term Weekly Time Table

Days	8 - 10	10 - 12	12 - 2	2 - 4	
Saturday		Speciality Subject	Speciality Subject		
Sunday		Nursing Theory Seminars			
Monday					
Tuesday	Nursing Clinical				
Wednesday	Nursing Clinical				
Thursday		Nursing Seminars			

N.B. Each group of students within a speciality will register in their own speciality program.

Days	8 - 10	10 - 12	12 - 2	2 - 4	
Saturday					
Sunday	individual subjects				
Monday	individual subjects				
Tuesday					
Wednesday			Analytical statistics (From 11pm)	New Trends in Nursing (to 5pm)	
Thursday					

The third term includes two courses. Each student register to the course according to their area of specialization.

7-3 Curriculum

First year:

<u>Subject</u>	<u>Number of Hours</u>	
	Theory	Practical
English Conversation	30	
English Language	168	
General Psychology	24	
Sociology	24	
Anatomy	36	
Physiology	36	
Bacteriology	24	
Parasitology	24	
Pathology	24	
Introduction to Nursing	<u>144</u>	<u>312</u>
	504	312

The period of study is 30 weeks for five days a week.

Second year:

First Term (15 weeks)

<u>Subject</u>	<u>Hours</u>	
	Theo.	Pract.
English Conversation	15	
English Language	30	
Nutrition and Biochemistry	30	
Pharmacology	30	
Medicine	30	
General Surgery	30	
Nursing	30	
Diagnostic tests, Ent, X-ray	<u>30</u> 225	<u>270</u> 270

Second Term (15 weeks)

<u>Subject</u>	<u>Hours</u>	
	Theo.	Pract.
English Conversation	15	
English Language	30	
Anthropology	30	
Educational Psychology	30	
Surgical Specialities 10 hrs. for each of ophth., orthop., chest		30
Medical-Surgical Nursing Including 10 hrs. of applied nutrition and 90 hrs. of applied pharmacology and 20 hrs. of Diagnostic tests and X-rays	<u>90</u> 225	<u>270</u> 270

The number of Hours per week are 33 hours for five days a week.

Third year:

First Term (15 weeks)

<u>Subject</u>	<u>Hours</u>	
	Theo.	Pract.
Conversation	15	
English Language	30	
Developmental Psychology	30	
Medical and Surgical Pediat.	30	
Applied Nutrition	30	
Methods of Teaching	30	
Pediatric Nursing	<u>60</u>	<u>270</u>
	225	270

Second Term (15 weeks)

<u>Subject</u>	<u>Hours</u>	
	Theo.	Pract.
Conversation	15	
English Language	30	
Sociology	30	
Obst. and Gynec. Medecine	30	
Health Education	30	
Basic Statistics	30	
Maternal and Infant care Nursing	<u>60</u>	<u>270</u>
	225	270

The number of Hours per week are 32 hours for five days a week.

N.B.: The students are divided into two groups on group studying Medical and Surgical Pediatrics as well as Pediatric Nursing in the first term and the other group studying Obstetrical and Gynaecological Medicine and Maternal and Infant Care and vice-versa in the second term.

Fourth year:

First Term (15 weeks)

<u>Subject</u>	<u>Hours</u>	
	Theo.	Pract.
Conversation	15	
English Language	30	
Public Health Administration	30	
Nursing Service Administ.	30	
Epidemiology	30	
Human Relations	30	
Community Health Nursing including 10 hours of applied nutrition	<u>60</u>	<u>270</u>
	225	270

Second Term (15 weeks)

<u>Subject</u>	<u>Hours</u>	
	Theo.	Pract.
Conversation	15	
English Language	30	
Psychiatric Medicine	30	
Nursing Service Administ.	30	
Methods of Research in Nursing	30	
Preparation of In-service Training Programs	30	
Mental Health Nursing	<u>60</u>	<u>270</u>
	225	270

The number of Hours per week are 33 hours for five days a week.

N.B.: The students are divided into two groups on group studying Community Health Nursing and Public Health Administration in the first term and the second group studying Mental Health Nursing and Psychiatric medicine and vice-versa in the second term.

