

CHAPTER 4 PROJECT EVALUATION AND RECOMMENDATION

CHAPTER 4 PROJECT EVALUATION AND RECOMMENDATION

4-1 Project Effect

When this project is implemented and the facilities and equipment procured under this project are operated and managed properly by the Sri Lankan side, it is expected that the project will result in the following benefits and improvements.

Present state and problems	Measures to be taken under this project	Expected effects of the project
<p>1. Shortage of nursing professionals</p> <p>There is a shortage of nursing professionals (Grade II nurses) to offer nursing services at hospitals. As a result, it is very difficult to maintain the desired level of medical care services offered by small hospitals in rural areas and to improve the facilities, such as number of beds, at the clinical departments of large hospitals in urban areas. According to the Ministry of Health, Highway and Social Services, there was a nurse shortfall of 5,365 in 1994.</p>	<p>The total number of students to be newly enrolled in the schools of nursing is to be 1,100 instead of 1,000 by establishing a new national schools of nursing that offers a three-year course to about 100 students in each grade.</p>	<p>When the total number of students to be newly enrolled in the schools of nursing as a result of the opening of the planned school, the annual number of nurses trained will be increased by 100, which is expected to help the Ministry of Health, Highways and Social Services resolve the present shortage of Nurses.</p>
<p>2. Details of Nurse Education</p> <p>2-1 Nurse Education</p> <p>The present nurse education system is characterized by insufficient basic education before the start of training at hospitals.</p> <p>2-2 Training in basic sciences</p> <p>Training in biology, chemistry and pharmacology is important in the basic nurse training curricula, but no such training is conducted in the country's existing schools of nursing.</p>	<p>2-1</p> <p>A training room for treating adult patients, for treating child patients and for training in hygienics are to be included in this project.</p> <p>2-2</p> <p>Only large preparatory rooms and laboratory tables are to be procured under this project so that additional items may be procured in the future on an as needed basis. The lecture rooms are to serve as places for special lectures.</p>	<p>2-1</p> <p>Efficient exercises at the school which is to be conducted prior to training at the hospital will make the students' learning more efficient, which in turn will help the students to acquire techniques to be mastered prior to the start of training at the hospital and also enhance the quality and safety of general medical care service in the country. As a result, it will become possible to decrease training hours and thereby place more emphasis on character building and self-development.</p> <p>2-2</p> <p>This is part of the project-type technical cooperation program. If such training is conducted at the planned school, it enable the students to acquire the very basics of these basic sciences, which will help them to improve their knowledge of these sciences after graduation.</p>

Present state and problems	Measures to be taken under this project	Expected effects of the project
2-3 Cooking training Cooking training is an essential subject, but no such training is conducted at the existing schools of nursing.	2-3 A kitchen for use in training in cooking and preparatory rooms are to be procured under this project. But lectures and tasting sessions are to be held at the dining room for the students.	2-3 This is part of the project-type technical cooperation program. If such training is conducted at the planned nurse training school, it will become possible to offer training in dietetics, which is required under the present curriculum. It will enable the students to have an experience of the practical aspects of dietetics, and as a result, lead to an improvement in the quality of nurse training in the country.
3. Teaching equipment There is a serious shortage of teaching equipment necessary for nurse education, which is a major obstacle to efficient nurse education in the country.	Utmost emphasis is placed on the equipment for use in intramural exercises indispensable to basic nurse education. As for basic items such as beds and models, one item should be available for every 4 students in a class of about 50.	Provision of the necessary number of items of equipment for use in exercises will lead to an improvement in the quality of clinical training techniques, which are given special importance in Sri Lanka, and the effects of nurse education at the school of nursing, as well as in safer medical care services for patients.

4-2 Recommendation

(1) Quick Following of the Contract and Approval Procedures During the Implementation of the Project

This project is to be implemented within the framework of the Government of Japan's grant aid cooperation. Therefore, there are time limitations on the implementation of this project, such as the completion of the project by the time limit as set forth in the Exchange of Notes and the completion of the construction work by the end of the fiscal year of the Government of Japan. For this reason, it is necessary that the Sri Lankan side quickly sign the Exchange of Notes and the consultant agreement, approve the detail design drawings prepared based on this basic design study report, follow the procedures for obtaining necessary approvals, sign construction and other contracts, and follow the customs duty exemption and other procedures.

(2) Budgetary Appropriations for the Implementation of the Project

When the governments of the two countries officially agree on the implementation of this project during fiscal 1996, the Sri Lankan side needs to quickly make budgetary appropriations for the preparation of the implementation plan and the construction work to be carried out during 1997/98.

(3) Operating Budget

Insufficient maintenance and management costs would lead to a decrease in the durability of the facilities and equipment as well as in the efficiency of operations. In order to attain the objective of this project, it is necessary to make well-planned budgetary appropriations for the maintenance and management of the facilities and equipment procured under this project.

(4) Personnel

For the smooth operation of the project, the Government of Sri Lanka need to appoint a principal, a vice principal and 7 tutors by 1988 and 3 more tutors by the year 2000. Besides teaching staffs, other staffs such as, a librarian, an AV technician, 3 clerical personnel, 2 typists, 2 drivers, 4 wardens and 33 supporting personnels need to be appointed by the opening time of the school.

(5) Future Obligation of Sri Lankan Side

The maximum capacity of the Hostel in the Project is decided to hold 70% of the entire students in consideration of the present situation of the existing schools. And the maximum capacity of the dining room is also planned for all students who live in the hostel.

As far as the hostel and dining room are concerned, Sri Lankan Side should take measures for expansion in accordance with the future needs by using the area saved for future expansion in the Site.

APPENDICES

1. MEMBER LIST OF THE SURVEY TEAM

(1) Basic Design Study (May 21 ~ June 19, 1996)

Mr. Hiroyuki KINOMOTO	Team Leader First Basic Design Study Division Grant Aid Study and Design Department, JICA
Ms. Tokuko WAGA	Technical Advisor National Center for Nursing Education and Research, Ministry of Health and Welfare
Mr. Ken MAJIMA	Project Manager / Operation and Maintenance Planner Yamashita Sekkei Inc.
Mr. Fumio ARAI	Architect Planner Yamashita Sekkei Inc.
Mr. Seishi ASAKURA	Facility Planner Yamashita Sekkei Inc.
Ms. Mikiko DOTSU	Equipment Planner Yamashita Sekkei Inc.
Mr. Yoshikazu SHIMADA	Procurement Planner / Cost Estimator Yamashita Sekkei Inc.

(2) Explanation of Draft Basic Design (October 13 ~ October 24, 1996)

Dr. Yujiro HANDA	Team Leader Development Specialist, Japan International Cooperation Agency (JICA)
Ms. Shizuko KOMATSU	Technical Advisor Nursing Division, Health Policy Bureau, Ministry of Health and Welfare
Ms. Yuko ISHIZAWA	Project Coordinator First Basic Design Study Division Grant Aid Study and Design Department, JICA
Mr. Ken MAJIMA	Project Manager / Operation and Maintenance Planner Yamashita Sekkei Inc.
Mr. Fumio ARAI	Architect Planner Yamashita Sekkei Inc.
Ms. Mikiko DOTSU	Equipment Planner Yamashita Sekkei Inc.

2. SURVEY SCHEDULE

(1) Basic Design Study (May 21 ~ June 19, 1996)

No.	Date	Schedule
1	May 21 (Tue)	<ul style="list-style-type: none"> Lv. Tokyo Arr. Singapore Lv. Singapore Arr. Colombo (Mr. Kinomoto, Ms. Waga, Mr. Majima, Mr. Arai, Mr. Asakura, Ms. Dotsu)
2	May 22 (Wed)	<ul style="list-style-type: none"> Meeting with Project Type Cooperation Team Meeting within the Team
3	May 23 (Thu)	<ul style="list-style-type: none"> Meeting at JICA Colombo Office Courtesy call on Embassy of Japan Courtesy call on Ministry finance, Department of External Resources Discussion at Ministry of Health Highways and Social Services (MOH)
4	May 24 (Fri)	<ul style="list-style-type: none"> Visit Sri Jayewardenepura General Hospital (SJGH) Field Survey at School of Nursing, Colombo
5	May 25 (Sat)	<ul style="list-style-type: none"> Field Survey at School of Nursing, Kandy
6	May 26 (Sun)	<ul style="list-style-type: none"> Meeting within the team Study collected data
7	May 27 (Mon)	<ul style="list-style-type: none"> Field survey at School of Nursing, Colombo Meeting at MOH Survey on Building regulation at Town Hall Arrangement for soil survey
8	May 28 (Tue)	<ul style="list-style-type: none"> Meeting at MOH Survey of Proposed Project Site Meeting at JICA office on Minutes of Discussion Lv. Tokyo Arr. Colombo (Mr. Shimada)
9	May 29 (Wed)	<ul style="list-style-type: none"> Meeting at MOH on Minutes Meeting within the team, Preparation of Minutes
10	May 30 (Thu)	<ul style="list-style-type: none"> Signing on Minutes of Discussions Survey on Equipment at BES
11	May 31 (Fri)	<ul style="list-style-type: none"> Report to Embassy of Japan and JICA Lv. Colombo (Mr. Kinomoto, Ms. Waga) Meeting at MOH Survey of Proposed Project Site
12	June 1 (Sat)	<ul style="list-style-type: none"> Arr. Tokyo (Mr. Kinomoto, Ms. Waga) Study on collected data Meeting within the team
13	June 2 (Sun)	<ul style="list-style-type: none"> Study on collected data Meeting within the team
14	June 3 (Mon)	<ul style="list-style-type: none"> Field survey at School of Nursing, Colombo Survey on construction field Meeting at MOH

No.	Date	Schedule
15	June 4 (Tue)	<ul style="list-style-type: none"> • Field survey at School of Nursing, Colombo • Survey on construction materials • Survey on equipment market
16	June 5 (Wed)	<ul style="list-style-type: none"> • Field survey at School of Nursing, Kandy • Survey on construction field and related regulations • Survey on construction field
17	June 6 (Thu)	<ul style="list-style-type: none"> • Field survey at School of Nursing, Kandana • Meeting at SJGH • Detail study on proposed project site • Survey on construction field and related regulations • Survey on equipment market
18	June 7 (Fri)	<ul style="list-style-type: none"> • Field survey at School of Nursing, Galle • Survey on construction field
19	June 8 (Sat)	<ul style="list-style-type: none"> • Meeting at SJGH • Study on collected data
20	June 9 (Sun)	<ul style="list-style-type: none"> • Study on collected data • Meeting within the team
21	June 10 (Mon)	<ul style="list-style-type: none"> • Meeting at MOH • Discussion at School of Nursing, Colombo
22	June 11 (Tue)	<ul style="list-style-type: none"> • Field survey at School of Nursing, Ratnapura • Survey on construction field and related regulations • Lv. Colombo Arr. Singapore (Mr. Shimada)
23	June 12 (Wed)	<ul style="list-style-type: none"> • Field survey at School of Nursing, Kurunegala • Survey on construction field and materials
24	June 13 (Thu)	<ul style="list-style-type: none"> • Meeting at MOH • Field Survey at NIHS • Survey on construction field and equipment market
25	June 14 (Fri)	<ul style="list-style-type: none"> • Meeting at MOH • Field Survey at Mulleriyawa Mental Hospital • Meeting at SJGH • Lv. Colombo, Arr. Singapore (Mr. Asakura)
26	June 15 (Sat)	<ul style="list-style-type: none"> • Survey on construction field and equipment market • Study on collected data • Lv. Singapore (Mr. Shimada)
27	June 16 (Sun)	<ul style="list-style-type: none"> • Meeting within the team • Study on collected data • Arr. Tokyo (Mr. Shimada)
28	June 17 (Mon)	<ul style="list-style-type: none"> • Meeting at MOH • Report to Embassy of Japan and JICA
29	June 18 (Tue)	<ul style="list-style-type: none"> • Lv. Colombo Arr. Singapore (Mr. Majima, Mr. Arai, Ms.Dotsu) • Lv. Singapore (Mr. Majima, Mr. Arai, Mr. Asakura, Ms.Dotsu)
30	June 19 (Wed)	<ul style="list-style-type: none"> • Arr. Tokyo (Mr. Majima, Mr. Arai, Mr. Asakura, Ms.Dotsu)

(2) Explanation of Draft Basic Design (October 13 ~ October 24, 1996)

No.	Date	Schedule
1	Oct. 13 (Sun)	<ul style="list-style-type: none"> • Lv. Tokyo Arr. Singapore Lv. Singapore Arr. Colombo (Mr. Majima, Mr. Arai, Ms. Dotsu) • Meeting within the team
2	Oct. 14 (Mon)	<ul style="list-style-type: none"> • Courtesy call on Ministry of Health, Highways and Social Services (MOH) • Courtesy call on Embassy of Japan • Courtesy call on Ministry of Finance Department of External Resources and Department of National Planning • Meeting at Sri Jayewardenepura General Hospital (SJGH)
3	Oct. 15 (Tue)	<ul style="list-style-type: none"> • Meeting at SJGH • Meeting within the team
4	Oct. 16 (Wed)	<ul style="list-style-type: none"> • Meeting at SJGH • Survey on proposed project site
5	Oct. 17 (Thu)	<ul style="list-style-type: none"> • Meeting at MOH • Meeting at Fire Department • Meeting within the team
6	Oct. 18 (Fri)	<ul style="list-style-type: none"> • Survey on construction field and market • Survey on equipment market
7	Oct. 19 (Sat)	<ul style="list-style-type: none"> • Survey on construction field • Meeting within the team • Lv. Colombo Arr. Singapore Lv. Singapore Arr. Tokyo (Ms. Ishizawa) • Lv. Tokyo Arr. Singapore Lv. Singapore Arr. Colombo (Ms. Komatsu)
8	Oct. 20 (Sun)	<ul style="list-style-type: none"> • Meeting within the team • Study on collected data
9	Oct. 21 (Mon)	<ul style="list-style-type: none"> • Meeting at MOH on Minutes of Discussions • Field Survey at School of Nursing, Colombo • Survey on construction field
10	Oct. 22 (Tue)	<ul style="list-style-type: none"> • Meeting at MOH on Minutes of Discussions • Field survey at NIHS • Meeting at Fire Department
11	Oct. 23 (Wed)	<ul style="list-style-type: none"> • Signing on Minutes of Discussions • Report to JICA office • Report to Embassy of Japan
12	Oct. 24 (Thu)	<ul style="list-style-type: none"> • Lv. Colombo Arr. Bangkok Lv. Bangkok Arr. Tokyo (Dr. Handa, Ms. Komatsu, Mr. Majima, Mr. Arai, Ms. Dotsu)

3. LIST OF PARTY CONCERNED IN SRI LANKA

Ministry of Health, Highways and Social Services

Dr. Dudley Dissanayake	Secretary
Dr. Lucian Jayasuriya	Additional Secretary
Dr. Reggie Perera	Director General of Health Services
Dr. K. C. S. Dalpatadu	Deputy Director General of Planning
Dr. V. Jeganathan	Deputy Director General of Medical Service
Mr. M. A. Jayasene	Senior Assistant Secretary
Mr. T. M. K. B. Tennekoon	Deputy Director General of Logistic
Dr. G. G. Thurusinghe	Director Planning
Mr. D. A. W. Premalal Liyanage	Chartered Engineer, Director of Buildings
Ms. N. C. De Costa	Director Nursing Education
Ms. K. Vithana	Director Nursing Medical Services

Ministry of Finance

Department of External Resources

Ms. D. D. J. Kudaligama	Additional Director General
Ms. A. S. M. S. Attanayake	Deputy Director
Mr. B. H. Passaperuma	Deputy Director
Mr. A. M. P. K. Attanayake	Assistant Director

Department of National Planning

Ms. W. A. S. Mahawewa	Deputy Director
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Sri Jayawardenapura General Hospital

Dr. J. B. Peiris	Chairman
Dr. D. L. De Lanerolle	Director
Ms. H. A. S. Sirichandra	Chief Matron
Ms. M. Dayananda	Deputy Chief Matron
Ms. B. S. Abeywardena	Tutor Sister
Ms. M. W. Ranawaka	Tutor Sister
Ms. G. Samarawickrama	Tutor Sister

Colombo General Hospital

Dr. Rani Fernando	Deputy Director
Ms. Chandra Witthawa	Nursing Officer Special Grade
Ms. R. J. Ratnalatha	Nursing Officer Special Grade

School of Nursing, Colombo

Ms. S. K. Paravithana	Principal
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Ms. V. D. Lankatilaka	Nursing Officer Special Grade
Ms. Malanie Ranasinghe	Nursing Tutor
Ms. H. L. H. Tissera	Nursing Tutor
Ms. D. P. Abeyratne	Nursing Tutor
Ms. K. A. P. Gunasinghe	Nursing Tutor
Ms. W. M. K. Warakapitiya	Nursing Tutor
Ms. P. L. Jayawardena	Nursing Tutor
Ms. B. D. C. Bandarage	Nursing Tutor
Ms. B. M. N. K. B. Menike	Nursing Tutor

Kandy General Hospital

Dr. A. M. L. Beligaswatti	Director
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School of Nursing, Kandy

Mr. H. M. J. Herath	Principal
Ms. A. M. Y. M. Watagodakumbure	Nursing Officer Special Grade
Ms. G. M. Gamage	Nursing Tutor
Ms. P. M. S. Subasinghe	Nursing Tutor
Ms. D. M. Abeykoon	Nursing Tutor
Ms. Memke Udnwella	Nursing Tutor
Ms. A. H. V. Sumatipala	Nursing Tutor
Ms. D. L. L. Periris	Nursing Tutor
Ms. R. M. P. Batangalawatte	Nursing Tutor
Ms. K. M. Gunaratne	Nursing Tutor

School of Nursing, Kandana

Ms. R. S. Marapana	Principal
Ms. H. W. Halkesidana	Nursing Tutor
Ms. D. S. Hettiarachch	Nursing Tutor
Ms. H. A. G. Seneviraathe	Nursing Tutor

School of Nursing, Ratnapura

Ms. D. P. A. K. Weeraratne	Principal
Ms. D. M. Amerakoon	Nursing Tutor
Ms. S. Kalahe Arachchi	Nursing Tutor
Ms. S. Ratnayake	Nursing Tutor
Ms. T. P. G. K. Jayasinghe	Nursing Tutor
Ms. H. D. Jayakady	Nursing Tutor
Ms. S. Mathiwala	Nursing Tutor
Ms. B. J. Yasaratna	Nursing Tutor

School of Nursing, Kurunegala

Ms. M. T. Amarasinghe	Principal
Mr. H. B. P. S. Weraahera	Nursing Tutor
Ms. E. A. Fernando	Nursing Tutor
Ms. T. D. S. Gunnatillake	Nursing Tutor
Ms. M. R. B. Piyatilaka	Nursing Tutor

School of Nursing, Galle

Ms. M. G. B. Silva	Principal
Ms. Y. Malliyawadu	Vice Principal
Mr. L. Somapala	Nursing Tutor

Post Basic School of Nursing, Colombo

Ms. S. Abeyratne	Principal
Ms. W. T. L. De Costs	Senior Tutor
Ms. D. M. S. Dissanayaka	Senior Tutor
Ms. N. Vanlandenbera	Senior Tutor

National Institute of Health Science

Dr. S. A. P. Gnanissara	Director
Dr. S. D. De Silva	Deputy Director

Mulleriyawa Mental Hospital

Ms. P. L. A. P. Perera	Acting Principal
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Division of Biomedical Engineering Services

Mr. J. L. M. K. Jayatilaka	Acting Director
Mr. Takeshi Matsuo	Medical Equipment Engineer

Medical Supply Division

Dr. B. F. S. Samaranayake	Director
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Central Engineering Consulting Bureau

Mr. H. P. R. Gunawardana	Acting Project Manager, Hospital Tasks
Mr. D. R. P. Patairage	Chief Engineer
Mr. E. A. P. L. Amaratunge	Senior Architect
Ms. Kumari Senanayake	Project Manager, Electrical Engineer

Town Hall

Mr. Raja Sawarawckrame

Deputy Municipal Engineer

Ceylon electricity Board

Mr. P. W. Amaradasa

Electrical Engineer

Mr. N. H. Bardusens

Electrical Engineer

Sri Lanka Telecom Authority

Mr. K. Selvarajah

Chief Engineer

Mr. S. Ambalavanar

Engineer

National Water Supply & Drainage Board

Mr. L. S. P. J. De Silva

Deputy General Manager

Mr. N. Melawethanthrige

Manager

Mr. D. N. J. Ferdinando

Assistant General Manager

Fire Service Department

Mr. J. Kannangara

Fire Chief Officer

Mr. D. S. K. Jayawardena

Assistant Fire Chief Officer

Embassy of Japan in Sri Lanka

Mr. Yasuo NOGUCHI

Ambassador

Mr. Takeshi KAMITANI

Minister

Dr. Takahisa ASAKA

First Secretary and Medical Attache

Dr. Kanme KANAI

First Secretary

JICA Sri Lanka Office

Mr. Koshikatsu NAKAMURA

Resident Representative

Mr. Yoshiaki KANO

Resident Representative

Ms. Junko INAMI

Assistant Resident Representative

Nursing Education Project

Ms. Masako SASAKI

Team Leader

Mr. Shigeo KOBAYASHI

Coordinator

4. MINUTES OF DISCUSSION

(1) Basic Design Study

MINUTES OF DISCUSSIONS ON
BASIC DESIGN STUDY ON THE PROJECT FOR
ESTABLISHMENT OF SCHOOL OF NURSING SRI JAYAWARDENAPURA
IN
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

In response to a request from the Government of the Democratic Socialist Republic of Sri Lanka, the Government of Japan decided to conduct a basic design study on the Project for Establishment of School of Nursing Sri Jayawardenapura (hereinafter referred to as "the Project"), and entrusted the study to Japan International Cooperation Agency (JICA).

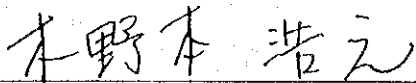
JICA dispatched to Sri Lanka a study team which is headed by Mr. Hiroyuki Kinomoto, First Basic Design Study Division, Grant Aid Design and Study Dept., JICA and which was scheduled to stay in the country from May 21 to June 18, 1996.

The team has had a series of discussions with relevant officials of the Government of Sri Lanka and conducted site survey.

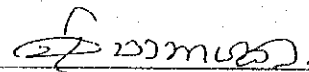
In the course of discussion and site survey the team and Sri Lankan side have confirmed basic issues described in attached sheets.

The team will proceed to further works and prepare the Basic Design Study report.

May 30, 1996, Colombo



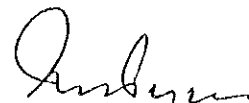
Mr. Hiroyuki Kinomoto
Leader,
Basic Design Study Team
JICA



Dr. Dudley Dissanayake
Secretary,
Ministry of Health, Highway
and Social Services



Mr. S. L. Seneviratne
Director General
External Resources Department
Ministry of Finance



Dr. J. B. Peiris
Chairman,
Sri Jayawardenapura General
Hospital

ATTACHMENT

1. Objective

The Objective of the Project is to improve basic nursing education in Sri Lanka through construction of the School of Nursing Sri Jayawardenapura (hereinafter referred to as "the School of Nursing") and provision of necessary equipment thereof.

2. Project site

The project site locates in the premises of Sri Jayewardenapura General Hospital and is shown in Annex I. Heli Pad shown in Annex I shall be demolished by Sri Lankan side before commencement of construction work.

3. Executing organization

Ministry of Health, Highway and Social Services of the Government of Sri Lanka is responsible for the administration and execution of the Project.

4. Items requested by the Government of Sri Lanka

After the discussions with the Basic Design Study Team, items described in Annex II were finally requested by the Government of Sri Lanka.

However, items to be included in the Project will be decided after further study.

5. Japan's Grant Aid system

1) The Government of Sri Lanka has understood the system of Japan's Grant Aid explained by the study team as described in Annex III.

2) The Government of Sri Lanka will take necessary measures described in Annex IV for smooth implementation of the Project, on condition that the Grant Aid by the Government of Japan is extended to the Project.

6. Schedule of the study

1) The team will proceed to further study in Sri Lanka until June 18, 1996.

2) JICA will prepare a draft of the basic design and dispatch a mission to Sri Lanka in order to explain its contents in September 1996.

3) In case that the contents of the basic design is accepted in principle by the Government of Sri Lanka, JICA will complete the basic design report and send it to the Government of Sri Lanka by December, 1996.

7. Other relevant issues

1) Status of the School of Nursing

The School of Nursing will be open after construction work will be completed having a status of national school of nursing.

2) Budget of the School of Nursing

The Ministry of Health, Highway and Social Services shall continuously bear all the recurrent expenditure which will be required for operation and maintenance of the School of Nursing including salary for staff, allowance for students, operational cost of facilities and so forth.

3) Personnel of the School of Nursing

The Ministry of Health, Highway and Social Services shall secure adequate number of staff. Particularly, it will reserve seven teaching staff including principal or vice principal who shall be the special grade nursing officer until completion of facilities and twelve until the third year when the School of Nursing receives students in full capacity.

4) Function of the School of Nursing

Function of the School of Nursing will be to provide general nursing education.

5) Collaboration with Sri Jayawardenapura General Hospital

Sri Jayawardenapura General Hospital, as educational hospital, shall receive student nurses for the training purpose.

6) Number of students to be accommodated in the School of Nursing

The Basic Design Study Team has expressed its concern on financial viability to accommodate three hundred students in the School of Nursing. Meanwhile, Sri Lankan side insisted that enough budget will be allocated as it is "national project".

Hence, both sides have confirmed that this matter will be decided after detailed study on the cost to be borne by Sri Lankan side.

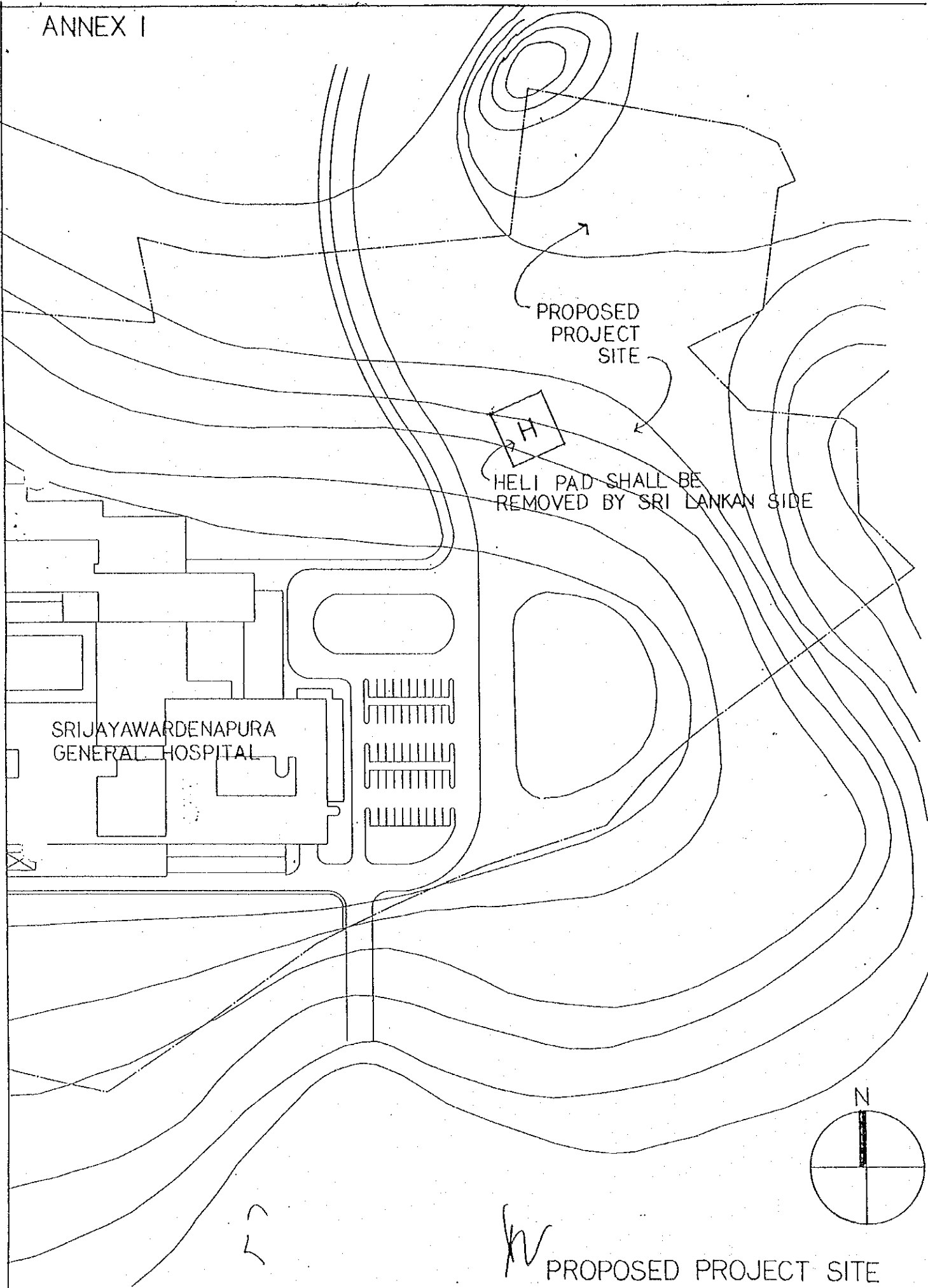
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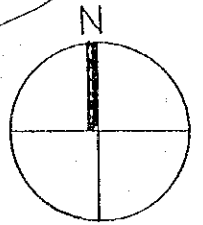
ANNEX I



HELI PAD SHALL BE REMOVED BY SRI LANKAN SIDE

PROPOSED PROJECT SITE

SRIJAYAWARDENAPURA GENERAL HOSPITAL



PROPOSED PROJECT SITE

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ANNEX II

ITEMS REQUESTED BY THE GOVERNMENT OF SRI LANKA

The priority of the requested items by the Government of Sri Lanka is indicated in the following list.

1. FACILITY

(Building)

(Priority)

A. ADMINISTRATIVE ZONE

1. Teacher's Room ----- A
2. Consultation & Meeting Room ----- B
3. Office ----- A
4. Principal's Office ----- A
5. Vice Principal's Office ----- A
6. Visitor's Room ----- B
7. Staff Dining Room ----- B
8. Laundry ----- B
9. Toilet ----- A
10. Corridor & Staircase ----- A
11. Hall ----- C

B. NURSE TRAINING ZONE

1. Class Room ----- A
2. Practical Training Room ----- A
3. Storage ----- A
4. Toilet ----- A
5. Hall ----- B
6. Corridor & Staircase ----- A

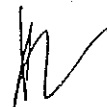
C. COMMON ZONE

1. Library ----- A
2. Main Meeting Room ----- A
3. Audio-Visual Room ----- C
4. Preparation Room ----- A
5. Corridor ----- A

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- | (Building) | (Priority) |
|-------------------------------|--------------|
| D. DINING & CAFETERIA ZONE | |
| 1. Dining & Cafeteria ----- | A |
| 2. Kitchen ----- | A |
| 3. Hall ----- | C |
| E. DOMITORY ZONE | |
| 1. Trainee's Room ----- | A |
| 2. Shower & Toilet ----- | A |
| 3. Meeting Room ----- | A |
| 4. Rest Room ----- | C |
| 5. Halls ----- | B |
| 6. Corridor & Staircase ----- | A |
| F. OTHERS | |
| 1. Laundry ----- | A |

Legend

- A: Most Necessary
 B: Necessary
 C: Less Necessary

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2. EQUIPMENT

A. NURSING EQUIPMENT

NO.	NAME OF EQUIPMENT	QUANTITY	PRIORITY
1	Anatomical Human Body, Male	1set	A
2	Anatomical Human Body, Female	1set	A
3	Human Skeleton, Articulated	1set	A
4	Human Skeleton, Disarticulated	1set	B
5	Circulatory System	1set	A
6	Skull	1set	A
7	Anatomical Heart	1set	A
8	Respiratory Organs	1set	A
9	Digestive Organs	1set	A
10	Brain and Nervous System	1set	A
11	Muscle	1set	A
12	Section of Skin	1set	A
13	Structure of Eye/Ear	1set	A
14	Structure of teeth	1set	A
15	Nasal Cavity/Throat/Pharynx	1set	A
16	Kidney and Urinary System	1set	A
17	Pelvis	1set	A
18	Pregnant Uterine	1set	B
19	Development Stage of Foetus	1set	A
20	Conception System	1set	B
21	Parasites in Human Body	1set	B
22	Feces of Child	1set	B
23	Tracoma	1set	B
24	Alveolar Pyorrhea	1set	B
25	Pathogenic Microbes	1set	A
26	Anatomical Charts	1set	A
27	Anatomical charts	1set	A
28	Standard Bed with Mattress	10sets	A
29	Bed Side Table	10sets	A
30	Bed Side Chair	10sets	A
31	Over Bed Table	10sets	A
32	Training Dummy	2sets	A
33	Training Dummy for Baby Bath	5sets	A
34	Baby Bath Tub	5sets	A
35	Measuring Rod (Adult)	1set	B
36	Measuring Rod (Infant)	1set	B
37	Weighing Scale (Adult)	1set	A
38	Weighing Scale (Infant)	1set	A
39	Sitting Height Measuring Rod	1set	B
40	Shampoo Cart	1set	B
41	Shampoo Tray set	3sets	A
42	Back Rest	2sets	A

NO.	NAME OF EQUIPMENT	QUANTITY	PRIORITY
43	Over-bed Cradle	2sets	B
44	Wheel Chair	2sets	A
45	Stretcher	1set	A
46	Walking Aid with Casters & Saddle	1set	B
47	Litters	1set	A
48	Splint, assorted	3sets	A
49	X-Ray Film Viewer	1set	B
50	Phantom for Delivery	2sets	A
51	Dynamometer	1set	B
52	Sphygmomanometer, Portable Type	5sets	A
53	Breisky's Pelvimeter	2sets	A
54	Traube's Obstetric Stethoscope	5sets	A
55	Nebulizer, Portable Type	2sets	A
56	Round Sitting Sand Bag, assorted	3sets	B
57	Examination Instrument Set	2sets	A
58	Enema Set	10sets	A
59	Temperature Taking Set	10sets	A
60	Medication Trolley Set	1set	A
61	Set for Milk Preparation	1set	B
62	Set for Stomach Pump	1set	A
63	Ear Scope	1set	A
64	Nasal Scope	1set	A
65	Proctoscope	1set	A
66	Vaginal spectrum	1set	A
67	Boiling Sterilizer (large)	1set	A
68	Boiling Sterilizer (small)	1set	A
69	Gauze Cast (large)	1set	B
70	Gauze Cast (small)	1set	B
71	Irrigator Stand	2sets	A
72	Bedpan Rack	1set	A
73	Screen	3sets	A
74	Decubitus Protecting Mattress	1set	B
75	Blood Sedimentation Rack with Pipettes	1set	A
76	Cabinet, steel	3sets	A
77	Resuscitation Training Dummy, Adult	1set	A
78	ECG, Portable Type	1set	B
79	Emergency Instrument	1set	A
80	Operating Instrument Set	1set	A
81	Instrument Trolley	2sets	A
82	Linen for Surgery	2sets	A
83	Gypsum Set	1set	A
84	Delivery set	1set	A
85	Training for Mammy Massage	1set	B
86	Milking Device, Hand Type	1daz	A

NO.	NAME OF EQUIPMENT	QUANTITY	PRIORITY
87	Dummy for Midwifery	1set	A
88	Dummy for Baby Care	2sets	A
89	Tracheostomy Instrument Set	1set	A
90	Paediatric Bed with Mattress	2sets	A
91	Baby Bassinet with Casters	2sets	A

B. AUDIO-VISUAL & OFFICE EQUIPMENT

NO.	NAME OF EQUIPMENT	QUANTITY	PRIORITY
1	Video Set	2sets	A
2	Overhead Projector with Screen	3sets	A
3	Slide Projector with Screen	2sets	A
4	Tape recorder Set	2sets	A
5	Plain Paper Copier	1set	A
6	Printing Machine	1set	A
7	Micro Bus	1unit	A

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Annex III

Japan's Grant Aid Scheme

1. *Grant Aid Procedures*

1) Japan's Grant Aid Program is executed through the following procedures.

- Application (Request made by a recipient country)
- Study (Basic Design Study conducted by JICA)
- Appraisal & Approval (Appraisal by the Government of Japan and Approval by Cabinet)
- Determination of (The Notes exchanged between the Governments
- Implementation of Japan and the recipient country)

2) Firstly, the application or request for a Grant Aid project submitted by a recipient country is examined by the Government of Japan (the Ministry of Foreign Affairs) to determine whether or not it is eligible for Grant Aid. If the request is deemed appropriate, the Government of Japan assigns JICA (Japan International Cooperation Agency) to conduct a study on the request.

Secondly, JICA conducts the study (Basic Design Study), using (a) Japanese consulting firm(s).

Thirdly, the Government of Japan appraises the project to see whether or not it is suitable for Japan's Grant Aid Program, based on the Basic Design Study report prepared by JICA, and the results are then submitted to the Cabinet for approval.

Fourthly, the project, once approved by the Cabinet, becomes official with the Exchange of Notes signed by the Governments of Japan and the recipient country.

Finally, for the implementation of the project, JICA assists the recipient country in such matters as preparing tenders, contracts and so on.

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2. Basic Design Study

1) Contents of the Study

The aim of the Basic Design Study (hereinafter referred to as "the Study"), conducted by JICA on a requested project (hereinafter referred to as "the Project") is to provide a basic document necessary for the appraisal of the Project by the Japanese Government. The contents of the Study are as follows:

- a) Confirmation of the background, objectives, and benefits of the requested project and also institutional capacity of agencies concerned of the recipient country necessary for the Project's implementation.
- b) Evaluation of the appropriateness of the Project to be implemented under the Grant Aid Scheme from a technical, social and economic point of view.
- c) Confirmation of items agreed on by both parties concerning the basic concept of the Project.
- d) Preparation of a basic design of the Project
- e) Estimation of costs of the Project

The contents of the original request are not necessarily approved in their initial form as the contents of the Grant Aid project. The Basic Design of the Project is confirmed considering the guidelines of Japan's Grant Aid Scheme.

The Government of Japan requests the Government of the recipient country to take whatever measures are necessary to ensure its self-reliance in the implementation of the Project. Such measures must be guaranteed even though they may fall outside of the jurisdiction of the organization in the recipient country actually implementing the Project. Therefore, the implementation of the Project is confirmed by all relevant organizations of the recipient country through the Minutes of Discussions.

2) Selection of Consultants

For smooth implementation of the Study, JICA uses (a) registered consultant firm(s). JICA selects (a) firms(s) based on proposals submitted by interested firms. The firm(s) selected carry (ies) out a Basic Design Study and write(s) a report, based upon terms of reference set by JICA.

The consulting firm(s) used for the Study is(are) recommended by JICA to the recipient country to also work on the Project's implementation after the Exchange of Notes, in order to maintain technical consistency and also to avoid any undue delay in implementation should the selection process be repeated.

3. Japan's Grant Aid Scheme

1) What is Grant Aid ?

The Grant Aid Program provides a recipient country with non-reimbursable funds to procure the facilities, equipment and services (engineering services and transportation of the products, etc.) for economic and social development of the country under principles in accordance with the relevant laws and regulations of Japan. Grant Aid is not supplied through the donation of materials as such.

2) Exchange of Notes (E/N)

Japan's Grant Aid is extended in accordance with the Notes exchanged by the two Governments concerned, in which the objectives of the Project, period of execution, conditions and amount of the Grant Aid, etc., are confirmed.

3) "The period of the Grant Aid" means the one fiscal year which the Cabinet approves the Project for. Within the fiscal year, all procedures such as exchanging of the Notes, concluding contracts with (a) consultant firm(s) and (a) contractor(s) and final payment to them must be completed.

However in case of delays in delivery, installation or construction due to unforeseen factors such as weather, the period of the Grant Aid can be further extended for a maximum of one fiscal year at most by mutual agreement between the two Governments.

4) Under the Grant Aid, in principle, Japanese products and services including transport or those of the recipient country are to be purchased.

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When the two Governments deem it necessary, the Grant Aid may be used for the purchase of the products or services of a third country..

However the prime contractors, namely, consulting, contracting and procurement firms, are limited to "Japanese nationals". (The term "Japanese nationals" means persons of Japanese nationality or Japanese corporations controlled by persons of Japanese nationality.)

5) Necessity of "Verification"

The Government of recipient country or its designated authority will conclude contracts denominated in Japanese yen with Japanese nationals. Those contracts shall be verified by the Government of Japan. This "Verification" is deemed necessary to secure accountability to Japanese taxpayers.

6) Undertakings required of the Government of the Recipient Country

In the implementation of the Grant Aid project, the recipient country is required to undertake such necessary measures as the following:

- (1) To secure land necessary for the sites of the Project and to clear, level and reclaim the land prior to commencement of the construction.
- (2) To provide facilities for the distribution of electricity, water supply and drainage and other incidental facilities in and around the sites.
- (3) To secure buildings prior to the procurement in case the installation of the equipment.
- (4) To ensure all the expenses and prompt execution for unloading, customs clearance at the port of disembarkation and internal transportation of the products purchased under the Grant Aid.
- (5) To exempt Japanese nationals from customs duties, internal taxes and other fiscal levies which will be imposed in the recipient country with respect to the supply of the products and services under the Verified Contracts.
- (6) To accord Japanese nationals whose services may be required in connection with the supply of the products and services under the Verified Contracts, such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work.

7) "Proper Use"

The recipient country is required to maintain and use the facilities constructed and equipment purchased under the Grant Aid properly and effectively and to assign staff necessary for this operation and maintenance as well as to bear all the expenses other than those covered by the Grant Aid.

8) "Re-export"

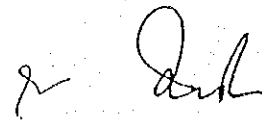
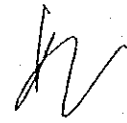
The products purchased under the Grant Aid should not be re-exported from the recipient country.

9) Banking Arrangements (B/A)

a) The Government of the recipient country or its designated authority should open an account in the name of the Government of the recipient country in an authorized foreign exchange bank in Japan (hereinafter referred to as "the Bank"). The Government of Japan will execute the Grant Aid by making payments in Japanese yen to cover the obligations incurred by the Government of the recipient country or its designated authority under the Verified Contracts.

b) The payments will be made when payment requests are presented by the Bank to the Government of Japan under an authorization to pay issued by the Government of the recipient country or its designated authority.

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Annex IV

MEASURES TO BE TAKEN BY THE GOVERNMENT OF SRI LANKA
IN CASE THAT JAPAN'S GRANT AID IS EXTENDED TO THE PROJECT:

1. to provide data and information necessary for the Project;
2. to secure a lot of land for the construction of the School of Nursing at the site of the Project and to clear the site;
3. to provide facilities for distribution of electricity, water supply and drainage and other incidental facilities outside the site;
4. to bear commissions to the Japanese foreign exchange bank to execute the banking services based upon the banking arrangement;
5. to ensure prompt unloading and customs clearance of products purchased under the Grant at ports of disembarkation in Sri Lanka
6. to exempt Japanese nationals engaged in the Project from customs duties, internal taxes, and other fiscal levies which may be imposed in Sri Lanka with respect to the supply of the products and services under the verified contracts;
7. to accord Japanese nationals whose services may be required in connection with the supply of the products and services under the verified contracts such facilities as may be necessary for their entry into Sri Lanka and stay therein for the performance of their work;
8. to use and maintain properly and effectively all the facilities constructed and equipment purchased under the Grant;
9. to bear all the expenses other than those to be borne by the Grant, necessary for the execution of the Project.

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(2) Explanation of Draft Basic Design

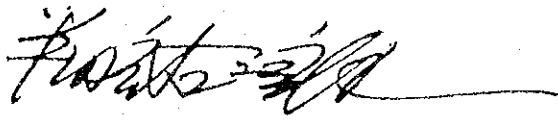
MINUTES OF DISCUSSIONS
ON
BASIC DESIGN STUDY ON THE PROJECT FOR ESTABLISHMENT
OF
SCHOOL OF NURSING, SRI JAYEWARDENEPURA
IN
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA
(CONSULTATION ON DRAFT REPORT)

In May 1996, the Japan International Cooperation Agency (JICA) dispatched a Basic Design Study team on the Project for Establishment of School of Nursing, Sri Jayewardenepura in the Democratic Socialist Republic of Sri Lanka (hereinafter referred to as " the Project "). Through discussions, field survey, and technical examination of the results in Japan, JICA has prepared the draft report of the study.

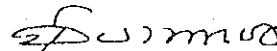
In order to explain and to consult Sri Lankan side on the components of the draft report, JICA sent to Sri Lanka a study team, which was headed by Dr. HANDA Yujiro, Development Specialist, JICA, and was scheduled to stay in the country from October 14 to 23, 1996.

As the result of discussions, the both parties have confirmed the main items described in the attached sheets.

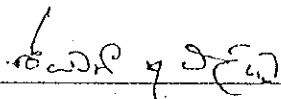
Colombo, October 23, 1996



Dr. HANDA Yujiro
Leader
Draft Report Explanation Team
Japan International Cooperation
Agency



Dr. Dudley Dissanayake
Secretary
Ministry of Health, Highways and
Social Services



Mrs. D. D. J. Kudaligama
Additional Director General
Department of External Resources
Ministry of Finance and Planning



Dr. J. B. Peiris
Chairman
Sri Jayewardenepura General
Hospital

ATTACHMENT

1. Components of the draft report

The Government of Sri Lanka has, in principle, agreed and accepted the components of the draft report proposed by the Team.

2. Responsible and Executing Agencies

Ministry of Health, Highways and Social Services of the Government of Sri Lanka is responsible for the administration and execution of the Project.

3. Items requested by the Government of Sri Lanka

The construction of the School of Nursing, Sri Jayewardenepura described in ANNEX-I, and the procurement of the equipment described in ANNEX-II, are finally requested by the Government of Sri Lanka for consideration by the Government of Japan to be provided under the Grant Aid.

The Team has understood the necessities and will recommend them to the Government of Japan.

4. Presentation of the final report

JICA will make the final report in accordance with the confirmed items and send it to the Government of Sri Lanka around April, 1997.

5. Japan's Grant Aid System

- 1) The Government of Sri Lanka has understood the system of Japan's Grant Aid explained by the team. (See ANNEX-III)
- 2) The Government of Sri Lanka will take necessary measures, described in Annex-IV for smooth implementation of the Project on condition that the Grant Aid by the Government of Japan is extended to the Project.

6. Other relevant issues in connection with the Grant Aid when it is extended.

- 1) Securement of the number of nursing students.

The Ministry of Health, Highways and Social Services should secure 100 students to enter the School of Nursing, Sri Jayewardenepura every year. The student batch of 1999 should be selected and be ready to enroll in time for the school opening.



- 2) The helipad should be removed by Sri Lankan side before starting construction work of the Project.
- 3) The Ministry of Health, Highways and Social Services should allocate necessary operation and maintenance funds for the School in the budget.
- 4) When the School of Nursing, Sri Jayewardenepura commence the training programme of nurses, the existing nursing training facility in Sri Jayewardenepura Hospital will cease to function.
- 5) Teaching manpower and venue for clinical training.
External lecturers and full-time teaching staff and venue for clinical training should be secured by Sri Jayewardenepura Hospital and Ministry of Health, Highways and Social Services. (See ANNEX-V)

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ANNEX I

* FACILITY

Room Name	Area	Remarks
1. Administrative Zone	1,235m ²	
(1) Tutors' Room	144m ²	Tutors' room; 91m ² , Work room; 22m ² , Locker room; 31m ²
(2) Meeting Room-1	89m ²	Meeting room used by Technical Cooperation
(3) Office	100m ²	Office; 58m ² , Minor staff; 17m ² , Locker; 25m ²
(4) Principal's Office	34m ²	Working area and reception area; 34m ²
(5) Vice Principal's Office	27m ²	Working area; 27m ²
(6) Meeting Room-2	44m ²	Seminar room of Technical Cooperation
(7) Staff Dining Room	43m ²	Dining area; 36m ² , Pantry; 7m ²
(8) Laundry	72m ²	Washing machine and irons
(9) Toilet	54m ²	Two rooms for female tutor and one room for male
(10) Corridors, Staircase	322m ²	
(11) Meeting Room-3	35m ²	Used for conference, reception and etc.
(12) Staff Locker Room	54m ²	Changing clothes and keep their personal things
(13) Pantry	17m ²	Used as tea serving and minor staffs' room
(14) Maintenance Store	50m ²	Store equipment for Multipurpose room
(15) Store	30m ²	Store teaching equipment
(16) Security Room	7m ²	Check point at Entrance
(17) Machine Room	113m ²	Mechanical room, Water Tank, Penthouse
2. Nurse Training Zone	2,451m ²	
(1) Lecture Room	571m ²	1-100student room with desks, 2-50student rooms with desks, 2-50student rooms with chair
(2) Practical Training Rm	624m ²	Training room for ward, pediatrics and clean/dirty utility
(3) Storage	116m ²	Store training equipment
(4) Toilet	119m ²	12-booth for female students, 4-urinals, 2-booth for male students
(5) Corridors, Staircase	958m ²	
(6) Cooking Training	63m ²	Preparation room; 27m ² , Training Kitchen; 36m ²

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3. Common Zone	1,131m²	
(1) Library	164m ²	2.0m ² /person x 51 + Librarian; 10m ² + Book store; 45m ² + Counter; 7m ²
(2) Multipurpose Room	239m ²	Main meeting for entire students
(3) Preparation Room	82m ²	Preparation room; 27m ² , Chemistry training room; 55m ²
(4) Corridor	460m ²	
(5) Locker Room	186m ²	Students change clothes before practical training
4. Dining, Cafeteria Zone	458m²	
(1) Dining, Cafeteria	311m ²	Ground floor; 219m ² , 1 st floor; 92m ²
(2) Kitchen	147m ²	Cooking, preparation, washing and etc.
5. Dormitory Zone	3,763m²	
(1) Trainees' Room	1,892m ²	70-3bed rooms, 4-tutor's room, 2-warden's room
(2) Shower, Toilet	802m ²	1, toilet for 5 students, 1 shower for 10 students
(3) Meeting Room	112m ²	Meeting lounge for students
(4) Corridor, Staircase	957m ²	

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ANNEX II

No	NAME OF EQUIPMENT	Q'ty
1	Human Anatomical Model, Male Figure	1
2	Human Anatomical Model, Female Figure	1
3	Human Skeleton Model, Articulated	1
4	Human Skeleton Model, Disarticulated	1
5	Model of Circulatory System	1
6	Model of Skull	1
7	Model of Anatomical Heart	1
8	Model of Dynamic Heart with ECG	1
9	Model of Respiratory Organs	1
10	Model of Digestive Organs	1
11	Model of Brain	1
12	Model of Nervous System	1
13	Model of Muscle of Human Body	1
14	Model of Muscle of Upper Extremity Model	1
15	Model of Section of Skin	1
16	Model of Eye	1
17	Model of Ear	1
18	Model of teeth	1
19	Model of Nasal Cavity/Throat/Pharynx	1
20	Model of Kidney and Urinary System	1
21	Model of Pelvis	1
22	Model of Pregnant Uterine	1
23	Model of Development Stage of Foetus	1
24	Model of Conception System	1
25	Model of Parasites in Human Body	1
26	Model of Feces of Child	1
27	Model of Tracoma	1
28	Model of Alveolar Pyorrhea	1
29	Model of Pathogenic Microbes	1
30	Anatomical Charts	1
31	X-Ray Film Viewer	1
32	Training Dummy	5
33	Case for Training Dummy	2
34	Dummy for Baby Care	2
35	Training Dummy for Baby Bath	15
36	Training for Mammy Massage	1
37	Phantom for Delivery	2
38	Pregnancy Palpation Simulator	2
39	Dressing Simulator	1

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No	NAME OF EQUIPMENT	Q'ty
40	Blood Collection and I.V Injection Simulator	3
41	I.M Injection Simulator	3
42	Catheterize Simulator, Male	1
43	Catheterize and Enema Simulator, Female	15
44	Resuscitation Training Dummy, Adult	1
45	Nebulizer, Portable Type	2
46	Automatic Resuscitator	1
47	ECG, Portable Type	1
48	Emergency Instrument Set	1
49	Oxygenator	1
50	Panel with Oxygenator & Suction	1
51	Electric Suction Unit	1
52	Oxygen Tent	1
53	Incubator	1
54	Standard Gatch Bed(2crank with handle)	15
55	Mattress	15
56	Paediatric Bed with Mattress	5
57	Mattress for Paediatric Bed	5
58	Baby Bassinet with Casters	5
59	Bed Side Table	15
60	Bed Side Chair	15
61	Over Bed Table (Two Legs)	6
62	Over Bed Table (One Leg)	9
63	Screen	10
64	Set for Bed Making (Adult)	30
65	Set for Bed Making (Infant)	10
66	Linen for New Born Baby	10
67	Shampoo Cart	1
68	Shampoo Tray set	15
69	Shampoo Chair	1
70	Bed Bath Set	15
71	Baby Bath Set	15
72	Table for Baby Bath	3
73	Mouth Care Set	15
74	Pajamas for Patient	2
75	Clothes for New Born Baby	15
76	Back Rest	5
77	Over-bed Cradle	5
78	Decubitus Protecting Mattress	1
79	Round Sitting Sand Bag, assorted	1
80	Splint, assorted	3
81	Fixing Belt	2
82	Wheel Chair (Adult)	2

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No	NAME OF EQUIPMENT	Q'ty
83	Wheel Chair (Infant)	1
84	Stretcher	1
85	Walking Aid with Casters & Saddle	1
86	Litters	1
87	Bedpan Rack	1
88	Bedpan Cleaner	1
89	Enema Set	15
90	Bedpan	10
91	Urinal	5
92	Scale Set	1
93	Set for Stoma	1
94	Feeding Tube Set	5
95	Conception Control Training Set	1
96	Set for Milk Preparation	1
97	Milking Device, Hand Type	15
98	Examination Instrument Set	2
99	Traube's Obstetric Stethoscope	5
100	Ear Scope	1
101	Nasal Scope	1
102	Proctoscope	1
103	Vaginal spectrum (large)	1
104	Vaginal spectrum (medium)	1
105	Vaginal spectrum (small)	1
106	Set for Stomach Pump	1
107	Irrigator Stand	5
108	I.V Set	15
109	Eye Applicator	1Box
110	Examination Bed	1
111	Examination Chair	1
112	Operating Instrument Set	1
113	Linen for Surgery	2
114	Delivery set	1
115	Tracheostomy Instrument Set	1
116	Lumber Puncture Instrument Set	1
117	Medication Trolley Set	1
118	Medication Set	2
119	Ice, Hot Bottle	5
120	Blanket	3
121	Ice Cube Machine	1
122	Boiling Sterilizer (large)	1
123	Boiling Sterilizer (small)	1
124	Gauze Drum (large/small)	5
125	Instrument Trolley	15

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No	NAME OF EQUIPMENT	Q'ty
126	Set for Dressing	2
127	Kidney Tray (Large/Medium/Small)	15
128	Waste Receptacle	2
129	Shaving Set	5
130	Wash Basin	10
131	Wash Basin Stand for Two Basins	4
132	Wash Basin Stand for One Basin	2
133	Brush Case Stand with pedal	1
134	Blood Sedimentation Rack with Pipettes	5
135	Urinometer with Pipettes	2
136	Weighing Scale (Adult)	1
137	Weighing Scale (Infant)	1
138	Measuring Rod (Adult)	1
139	Measuring Rod (Infant)	1
140	Dynamometer	1
141	Breisky's Pelvimeter	2
142	Chart of Sight. Test	1
143	Rotary Spirometer	1
144	Martin's Body Measure	1
145	Baby Head Measure	1
146	Sphygmomanometer (Mercurial compact type)	25
147	Sphygmomanometer (Mercurial stand type)	2
148	Sphygmomanometer (Aneroid)	2
149	Temperature Taking Set	15
150	Stethoscope (Adult)	25
151	Stethoscope (Teaching)	2
152	Stethoscope (Infant)	2
153	Thermometer (Digital)	15
154	Thermometer (Oral)	1Box
155	Thermometer (Rectal)	1Box
156	Microscope	1
157	Gas Stove	6
158	Food Model	1
159	Sauce Pan Set	6
160	Kitchen Equipment Set	6
161	Knife Set	6
162	Plates	6
163	Wagon	6
164	Chopping Board	6
165	Scale	6
166	Measuring Cup Set	6
167	Rice Cooker	1
168	Micro Wave	1

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No	NAME OF EQUIPMENT	Q'ty
169	Refrigerator	1

Equipment for general educational use

No	NAME OF EQUIPMENT	Q'ty
1	White Board with casters	2
2	Black Board with casters	2
3	Black Board (Large)	6
4	Chart Stand	5

Furniture, Fixture and other

No	NAME OF EQUIPMENT	Q'ty
1	Safe	1
2	Refrigerator	2
3	Freezer	1
4	Printing Machine	1
5	Washing Machine	1
6	Education / Training Furniture	set

A/V Equipment

No	NAME OF EQUIPMENT	Q'ty
1	A/V Equipment	set

Vehicle

No	NAME OF EQUIPMENT	Q'ty
1	Bus (30 passenger)	1

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Annex III

Japan's Grant Aid Scheme

1: *Grant Aid Procedures*

1) Japan's Grant Aid Program is executed through the following procedures.

Application	(Request made by a recipient country)
Study	(Basic Design Study conducted by JICA)
Appraisal & Approval	(Appraisal by the Government of Japan and Approval by Cabinet)
Determination of	(The Notes exchanged between the Governments
Implementation	of Japan and the recipient country)

2) Firstly, the application, or request for a Grant Aid project submitted by a recipient country is examined by the Government of Japan (the Ministry of Foreign Affairs) to determine whether or not it is eligible for Grant Aid. If the request is deemed appropriate, the Government of Japan assigns JICA (Japan International Cooperation Agency) to conduct a study on the request.

Secondly, JICA conducts the study (Basic Design Study), using (a) Japanese consulting firm(s).

Thirdly, the Government of Japan appraises the project to see whether or not it is suitable for Japan's Grant Aid Program, based on the Basic Design Study report prepared by JICA, and the results are then submitted to the Cabinet for approval.

Fourthly, the project, once approved by the Cabinet, becomes official with the Exchange of Notes signed by the Governments of Japan and the recipient country.

Finally, for the implementation of the project, JICA assists the recipient country in such matters as preparing tenders, contracts and so on.

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2



2. Basic Design Study

1) Contents of the Study

The aim of the Basic Design Study (hereinafter referred to as "the Study"), conducted by JICA on a requested project (hereinafter referred to as "the Project") is to provide a basic document necessary for the appraisal of the Project by the Japanese Government. The contents of the Study are as follows:


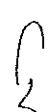
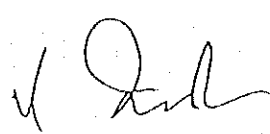
- a) Confirmation of the background, objectives, and benefits of the requested project and also institutional capacity of agencies concerned of the recipient country necessary for the Project's implementation.
- b) Evaluation of the appropriateness of the Project to be implemented under the Grant Aid Scheme from a technical, social and economic point of view.
- c) Confirmation of items agreed on by both parties concerning the basic concept of the Project.
- d) Preparation of a basic design of the Project
- e) Estimation of costs of the Project

The contents of the original request are not necessarily approved in their initial form as the contents of the Grant Aid project. The Basic Design of the Project is confirmed considering the guidelines of Japan's Grant Aid Scheme.

The Government of Japan requests the Government of the recipient country to take whatever measures are necessary to ensure its self-reliance in the implementation of the Project. Such measures must be guaranteed even though they may fall outside of the jurisdiction of the organization in the recipient country actually implementing the Project. Therefore, the implementation of the Project is confirmed by all relevant organizations of the recipient country through the Minutes of Discussions.

2) Selection of Consultants

For smooth implementation of the Study, JICA uses (a) registered consultant firm(s). JICA selects (a) firms(s) based on proposals submitted by interested firms. The firm(s) selected carry (ies) out a Basic Design Study and write(s) a report, based upon terms of reference set by JICA.



The consulting firm(s) used for the Study is(are) recommended by JICA to the recipient country to also work on the Project's implementation after the Exchange of Notes, in order to maintain technical consistency and also to avoid any undue delay in implementation should the selection process be repeated.

3. *Japan's Grant Aid Scheme*

1) What is Grant Aid ?

The Grant Aid Program provides a recipient country with non-reimbursable funds to procure the facilities, equipment and services (engineering services and transportation of the products, etc.) for economic and social development of the country under principles in accordance with the relevant laws and regulations of Japan. Grant Aid is not supplied through the donation of materials as such.

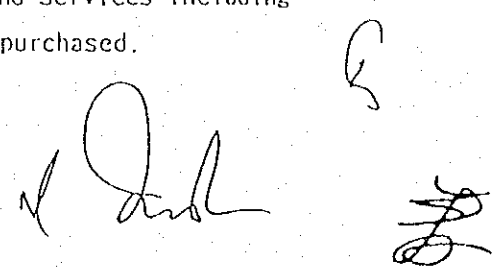
2) Exchange of Notes (E/N)

Japan's Grant Aid is extended in accordance with the Notes exchanged by the two Governments concerned, in which the objectives of the Project, period of execution, conditions and amount of the Grant Aid, etc., are confirmed.

3) "The period of the Grant Aid" means the one fiscal year which the Cabinet approves the Project for. Within the fiscal year, all procedures such as exchanging of the Notes, concluding contracts with (a) consultant firm(s) and (a) contractor(s) and final payment to them must be completed.

However in case of delays in delivery, installation or construction due to unforeseen factors such as weather, the period of the Grant Aid can be further extended for a maximum of one fiscal year at most by mutual agreement between the two Governments.

4) Under the Grant Aid, in principle, Japanese products and services including transport or those of the recipient country are to be purchased.



7) "Proper Use"

The recipient country is required to maintain and use the facilities constructed and equipment purchased under the Grant Aid properly and effectively and to assign staff necessary for this operation and maintenance as well as to bear all the expenses other than those covered by the Grant Aid.

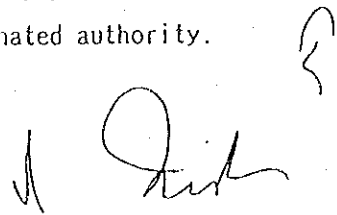
8) "Re-export"

The products purchased under the Grant Aid should not be re-exported from the recipient country.

9) Banking Arrangements (B/A)

a) The Government of the recipient country or its designated authority should open an account in the name of the Government of the recipient country in an authorized foreign exchange bank in Japan (hereinafter referred to as "the Bank"). The Government of Japan will execute the Grant Aid by making payments in Japanese yen to cover the obligations incurred by the Government of the recipient country or its designated authority under the Verified Contracts.

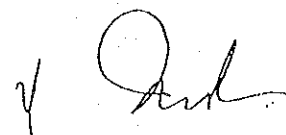

b) The payments will be made when payment requests are presented by the Bank to the Government of Japan under an authorization to pay issued by the Government of the recipient country or its designated authority.


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Annex IV

MEASURES TO BE TAKEN BY THE GOVERNMENT OF SRI LANKA
IN CASE THAT JAPAN'S GRANT AID IS EXTENDED TO THE PROJECT:

1. to provide data and information necessary for the Project;
2. to secure a lot of land for the construction of the School of nursing at the site of the Project and to clear the site;
3. to provide facilities for distribution of electricity, water supply and drainage and other incidental facilities outside the site;
4. to bear commissions to the Japanese foreign exchange bank to execute the banking services based upon the banking arrangement;
5. to ensure prompt unloading and customs clearance of products purchased under the Grant at ports of disembarkation in Sri Lanka
6. to exempt Japanese nationals engaged in the Project from customs duties, internal taxes, and other fiscal levies which may be imposed in Sri Lanka with respect to the supply of the products and services under the verified contracts;
7. to accord Japanese nationals whose services may be required in connection with the supply of the products and services under the verified contracts such facilities as may be necessary for their entry into Sri Lanka and stay therein for the performance of their work;
8. to use and maintain properly and effectively all the facilities constructed and equipment purchased under the Grant;
9. to bear all the expenses other than those to be borne by the Grant, necessary for the execution of the Project.

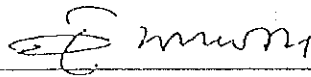
 



Memorandum
on
the Project for Establishment of School of Nursing Sri Jayawardenapura
Between
the Ministry of Health, Highway and Social Services
and
Sri Jayawardenapura General Hospital

At the realization of the Project for Establishment of School of Nursing Sri Jayawardenapura, the Ministry of Health, Highway and Social Services (hereinafter referred to as "MOH") and Sri Jayawardenapura General Hospital (hereinafter referred to as "SJGH"), both agreed the following matters.

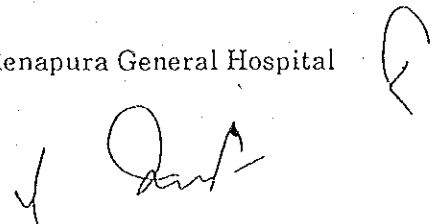
1. SJGH will provide the Hospital facilities for nursing students from the Proposed School of Nursing to receive "clinical experience" in accordance with the schedule and the teaching contents set by the School of the Nursing.
2. SJGH will provide doctors and medical technicians for the nursing students from the Proposed School of Nursing to carry out the lecture specified by the curriculum.
3. When the Project starts, MOH appoints the necessary teaching staffs, Principal, tutors, including three tutors who are teaching at the school of nursing of SJGH at present time and assists to execute the above mentioned matters.



Dr. Dudley Dissanayake
Secretary
Ministry of Health,
Highway and Social Services



Dr. J. B. Peiris
Chairman
Sri Jayawardenapura General Hospital



5. COST ESTIMATION BORNE BY SRI LANKA

- Estimation of the Government of Sri Lanka's Share of the Total Cost of the Project

The works to be carried out by the Government of Sri Lanka and their costs are as listed below.

1. Connection of service line to power line	1,300,000 Rs
2. Connection of lead-in wire to telephone line	75,000 Rs
3. Water supply	100,000 Rs
4. Sewerage	0 Rs
5. Site preparation	2,800,000 Rs
6. Fences	1,400,000 Rs
7. Furniture, fittings	100,000 Rs
8. Curtains	46,000 Rs
9. Costs of related operations	10,000 Rs
<hr/>	
Total	5,831,000 Rs

when it is expected that the Sri Lankan project implementing organization will have to pay customs duties and the consumption tax to be imposed in relation to the works whose costs are to be borne by the Government of Japan, the budgetary appropriations for it are to be made in addition to the above-mentioned total.

6. OTHER RELEVANT DATA

(1) Soil Investigation

M/S, YAMASITA SEKKAI INC.
6-26-1, MINAMI-OHI, SHINAGAWA -KU -
TOKYO - JAPAN

REPORT ON
SOILS INVESTIGATION
&
TOPOGRAPHIC SURVEY

AT
SRI JAYAWARDENAPURA
KOTTE

JUNE - 1996

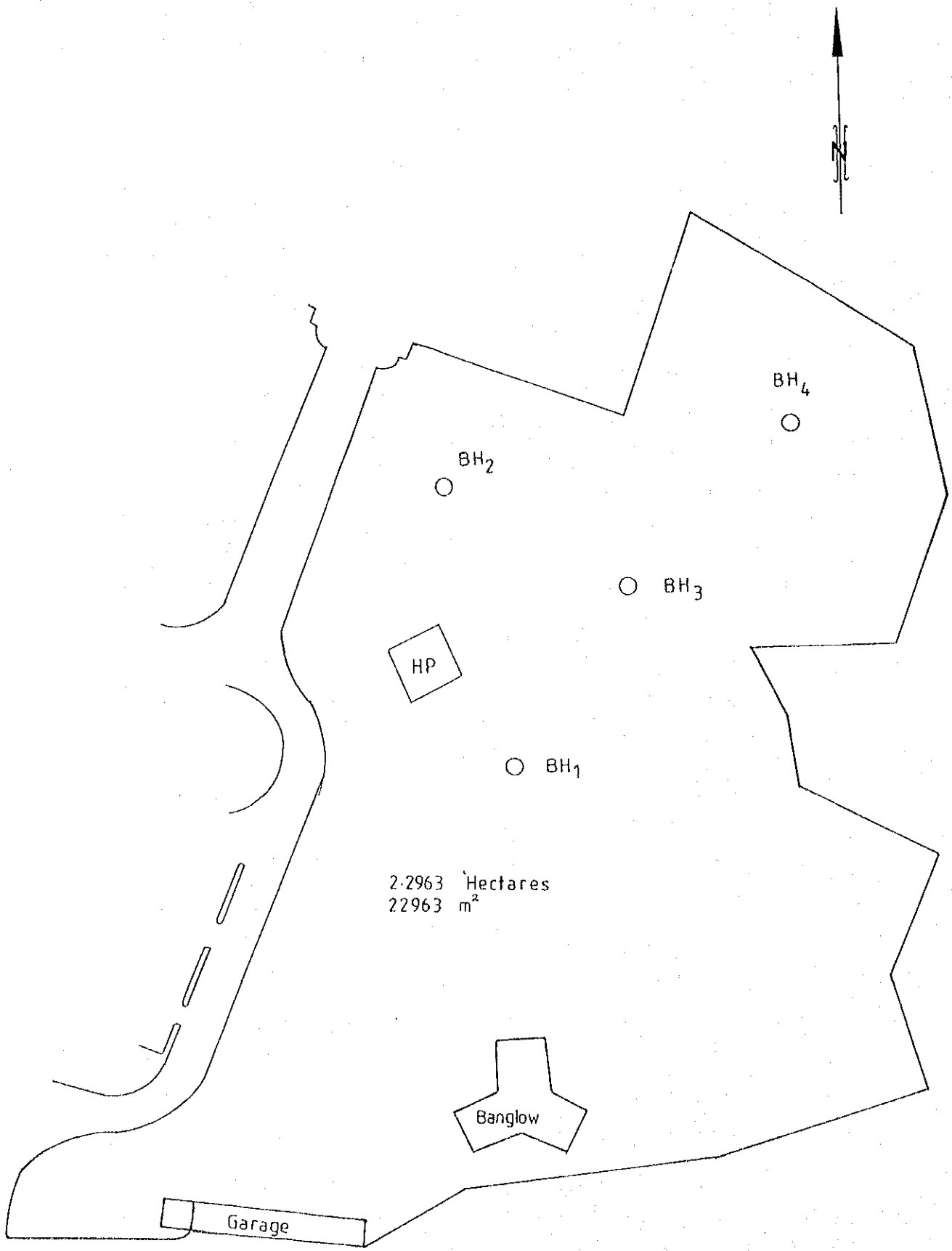
By

Samitar Limited

Project Office: 103, SIRI DHAMMA MAWATHA, COLOMBO 10. Phone: 697801, 697985, 698817
Regd. Office: 17, M. D. H. JAYAWARDANE MAWATHA, MAHANIYARA, MADDINNAGODA,
RAJAGIRIYA. Phone: 866699



Specialists in Soils and Materials Investigation Tests and Reports and for all
Multi-Disciplinary Consultancy Services
Consulting Engineers & Architects
Foreign Employment Recruiting Agency No. 1 Sri Lanka.



SOIL PROFILE

Date: 06/06/96

Project:

Elevation:

Water Level: 11.4m below

Logged By: D.V.A. Senara

Bore Hole No: 1

Standard Penetration Test (Blow Test)

Depth	Soil Symbol	Soil Classification	Description	No.	Depth	N Value	Number Of Blows Per 30 Cm											
							0 Cm	20 Cm	30 Cm	10	20	30	40	50				
0.00																		
(1.00)		GM	Dark reddish brown gravels mixed with coarse to medium dense sands from transported material with less than 10% non plastic fines, loose in place.	1	1.00	21	7	7	7									
1.00																		
(0.45)		SC	Dark reddish brown, coarse to fine lateritic sands with 15% moderately plastic fines mixed with building debris and particles, medium dense in place.	2														
1.45																		
(0.55)		SC	Greyish brown, coarse to fine mainly medium grained, sub-rounded sand with around 15% moderately plastic fines, medium dense place.	3														
2.00					2.00	42	10	16	16									
(0.45)		SP	Grey to reddish brown, sands with lateritic hard nodules upto 5mm in size with around 5% moderately plastic fines, dense in place.	4														
2.45																		
(0.55)		SP	Greyish brown, coarse to fine but mainly medium grained sub - angular sands showing re-cemented nodular aggregates with little non plastic fines, medium dense in place.	5														
3.00					3.00	6	2	2	2									

SOIL PROFILE

Project:

Elevation:

Date: 06/06/96

Bore Hole No: 1

Water Level: 11.4m below

Logged By: D.V.A. Senarathne

Depth	Soil Symbol	Soil Classification	Description	Standard Penetration Test (Blow Test)											
				No.	Depth	N-Value	Number Of Blows Per 30 Cm								
							0-10	10-20	20-30	30-40	40-50				
3.00			Dark grey, cobble size concreted particles grading down to gravels and coarse concretionary sands with no fines, loose in place.	6	3.00	6	2	2	2						
(0.45)	GP														
3.45															
(0.55)	ML		Reddish brown, lateritic silty clay mixed with 10% nodular friable lateritic gravels and containing about 25% sands medium stiff in place.	7											
4.00			Reddish brown, lateritic silty clay very small sample recovered due to water loss and cavities. (Total water loss)	8	4.00	4	1	1	2						
(0.45)	ML														
4.45															
(0.55)	ML		Reddish brown, lateritic silty clay very small sample recovered due to water loss and cavities. (Total water loss)	9											
5.00			Reddish yellow, lateritic silty clay with over 30% friable nodular lateritic gravels, stiff in place. (Total water loss)	10	5.00	13	4	4	5						
(1.00)	ML														
6.00															
(1.00)	ML		Reddish yellow silty lateritic clay, with over 5% nodular lateritic gravel, stiff in place. (Total water loss)	11											
7.00															

SOIL PROFILE

Project: _____ Elevation: _____ Date: 06/06/96
 Bore Hole No: 1 Water Level: 11.4m below Logged By: D.V.A. Senara

Depth	Soil Symbol	Soil Classification	Description	Standard Penetration Test (Blow Test)													
				No.	Depth	N Value	C.F.			Number Of Blows Per 30 Cm							
							0	2	3	10	20	30	40	50			
7.00			Reddish yellow to brown lateritic sand with over 35% hard nodular cobbles and gravels and around 5% non plastic fines, loose in place. (Total water Loss)	12	7.00	8	2	3	3								
(1.00)		SP															
8.00			Reddish brown, coarse to fine lateritic sand with over 30% nodular gravels and less than 5% fines, medium dense in place. (Total water loss)	13	8.00	20	4	8	8								
(1.00)		SP															
9.00			Light reddish brown, coarse medium grained to fine lateritic sand with around 10% to plastic fines, medium dense in place. (Total water loss)	14	9.00	18	3	6	9								
(1.00)		SM SC															
10.00			Grey to yellowish brown coarse to fine lateritic sand mainly medium grained with around 20% silty fines, medium dense in place. (Total water loss)	15	10.00	17	4	6	7								
(1.00)		SM SC															
11.00			<u>COMPLETELY WEATHERED ROCK</u> Ground down to coarse to fine greyish brown sand with around 15% friable iron minerals with less than 5% fines dense in place.	16	11.00	35	9	13	13								
(1.00)		SP															
12.00					12.00	26	6	8	12								

SOIL PROFILE

Project: _____ Elevation: _____ Date: 06/06/96
 Bore Hole No: 1 Water Level: 11.4m below Logged By: D.V.A. Senarathne

Depth	Soil Symbol	Soil Classification	Description	Standard Penetration Test (Blow Test)														
				No.	Depth	N Value	Number Of Blows Per 30 Cm											
							CF Q	CE Q	CE 30	10	20	30	40	50				
12.00			<u>COMPLETELY WEATHERED ROCK</u> Broken down to whitish grey brown friable nodules and silty sands with around 10% to 15% silty fines dense in place.		12.00	26	6	8	12									
(1.00)		SM		17														
13.00			<u>HIGHLY WEATHERED ROCK</u> Ground down to grey brown partially friable rock aggregates and some silty to non plastic fines, dense in place.		13.00	32	9	10	13									
(1.00)		SM		18														
14.00			<u>HIGHLY WEATHERED ROCK</u> Ground down to whitish grey brown intact friable rock pieces and around 50% reduced to silty plastic gravelly sands with little fines.		14.00	33	7	10	16									
(0.75)		GM		19														
15.00			<u>HOLE TERMINATED</u> <u>HIGHLY WEATHERED ROCK</u>		15.00													

SOIL PROFILE

Project: _____ Elevation: _____ Date: **06/06/96**
 Bore Hole No: **2** Water Level: **9.45m below** Logged By: **D.V.A. Serrano**

Depth	Soil Symbol	Soil Classification	Description	Standard Penetration Test (Blow Test)																
				No.	Depth	N-Value	Number Of Blows Per 30 Cm													
							0-10	10-20	20-30	30-40	40-50									
0.00																				
(1.00)		GC/SC	Reddish brown, lateritic coarse to fine gravels, with over 35% coarse gravels over 5mm and some cobbles partly non friable with around 35% plastic fines, medium dense in place.	1	1.00	14	5	5	4											
1.00		SC	Reddish brown, lateritic coarse to fine sands with little gravels and over 35% plastic fines, dense in place.	2	1.00	39	4	17	18											
(1.00)		SC	Reddish brown, lateritic coarse but mainly medium grained sands with 35% plastic fines, medium dense in place.	3	2.00	15	5	5	5											
3.00		SC	Reddish brown, lateritic gravelly sand as above with 35% plastic fines, medium dense in place.	4	3.00	12	4	4	4											
(1.00)		SC	Reddish brown, lateritic gravelly coarse to fine sand with around 20% large non friable nodules and 30% plastic fines, medium dense in place.	5	4.00	6	2	2	2											
5.00		SM/ML	Dark greyish brown, lateritic silty mainly medium grained sands with around 50% silty clay fines, loose in place.	6	5.00															
(1.00)																				
6.00			No UD sample recovered		6.00	13	3	4	6											

SOIL PROFILE

Project: _____ Elevation: _____ Date: 06/06/96
 Bore Hole No: 2 Water Level: 9.45m below Logged By: D.V.A. Sengaratne

Depth	Soil Symbol	Soil Classification	Description	Standard Penetration Test (Blow Test)													
				No.	Depth	N-Value	CF			Number Of Blows Per 30 Cm							
							0-15	15-30	30-45	10	20	30	40	50			
6.00			Greyish yellow, lateritic silty sand with 15% hard nodular gravels and 45% plastic silty fines, medium dense in place.	7	6.00	13	3	4	6								
(1.00)	SC																
7.00			Greyish to dark brown, and black coarse to fine silty lateritic sand with 35% plastic fines, medium dense in place.	8	7.00	20	5	7	8								
(1.00)	SC																
8.00			Dark greyish brown, lateritic coarse to fine sand mainly medium ground with 35% plastic fines, very nearly dense in place.	9	8.00	27	6	9	12								
(1.00)	SC																
9.00			Dark greyish brown, coarse to fine lateritic sand with 50% silty clay plastic fines, medium dense in place.	10	9.00	24	4	8	12								
(1.00)	SC																
10.00			Dark reddish brown, lateritic coarse to fine sand with over 40% plastic fines.	11	10.00	38	9	12	17								
(1.00)	SC																
11.00			Yellowish to reddish brown coarse to fine but mainly medium grained lateritic sand with around 40% plastic fines, dense in place.	12	11.00	37	7	13	17								
(1.00)	SC																
12.00					12.00	32	7	10	15								

SOIL PROFILE

Project: _____ Elevation: _____ Date: 06/06/96
 Bore Hole No: 2 Water Level: 9.45m below Logged By D.V.A. Senara

Depth	Soil Symbol	Soil Classification	Description	Standard Penetration Test (Blow Test)											
				No.	Depth	N Value	Number Of Blows Per 30 Cm								
							0-10	10-20	20-30	30-40	40-50				
12.00			<u>COMPLETELY WEATHERED ROCK</u>		12.00	32	7	10	15						
(1.00)	x	SC	Dark reddish brown to greyish black coarse to fine mainly medium grained lateritic sand with around 50% silty moderately plastic fines, dense in place.	13											
13.00			<u>HIGHLY WEATHERED ROCK</u>		13.00	50	10	19	21						
(1.00)	x	SC	Ground down to greyish white to dark reddish brown silty clayey sand with partially weathered feldspars showing rock structure with fines, stiff in place.	14											
14.00			<u>HIGHLY WEATHERED ROCK</u>		14.00	30	7	10	13						
(1.00)	x	SC	Ground down to dark reddish brown coarse to fine sand with a little gravel and friable pieces showing parent rock structure and with 35% over plastic fines, very dense in place.	15											
15.00			<u>HIGHLY WEATHERED ROCK</u>		15.00	52	11	18	23						
(1.00)	x	SM ML	Ground down to greyish brown coarse to nodular grained sand with a little gravel and un weathered feldspar showing rock foliation with slightly plastic fines, extremely dense in place.	16											
16.00					16.00	80	17	23	40						

SOIL PROFILE

Project: _____ Elevation: _____ Date: 06/06/96
 Bore Hole No: 2 Water Level: 9.45m below Logged By: D.V.A. Senarathne

Depth	Soil Symbol	Soil Classification	Description	Standard Penetration Test (Blow Test)											
				No.	Depth	N Value	Number Of Blows Per 30 Cm								
							0-10 Cm	10-20 Cm	20-30 Cm	30-40 Cm	40-50 Cm				
16.00			<u>HIGHLY WEATHERED ROCK</u> Ground down to greyish brown coarse to nodular grained sand with a little gravel and un-weathered feldspar showing rock foliation with slightly plastic fines; extremely dense in place.	17	16.00	80	17	23	40						
(1.00)	x x x x x x x x x x	SM ML													
17.00			<u>HIGHLY WEATHERED ROCK</u> Ground down to Dark greyish brown sand with silty clay fines very dense in place.	18	17.00	78	15	25	38						
(1.00)	x x x x x x x x x x	SM													
18.00			<u>HIGHLY WEATHERED ROCK</u> Ground down to Dark micaceous grey brown sand with silty very slightly plastic fines very dense in place.	19	18.00	81	18	22	41						
(1.00)	x x x x x x x x x x	SM													
19.00			<u>HIGHLY WEATHERED ROCK</u> Ground down to Dark micaceous grey brown sand with silty very slightly plastic fines very dense in place.	20	19.00	75	18	22	35						
(1.00)	x x x x x x x x x x	SM													
20.00					20.00	78	17	23	38						

SOIL PROFILE

Date: 06/06/96

Project:

Elevation:

Bore Hole No: 2

Water Level: 9.45m below

Logged By: D.V.A. Sagarar

Standard Penetration Test (Blow Test)

Depth	Soil Symbol	Soil Classification	Description	No.	Depth	N Value	Number Of Blows Per 30 Cm							
							CE	CE	CE	10	20	30	40	50
20.00			<u>HIGHLY WEATHERED ROCK</u>		20.00	78	17	23	38					
(1.00)	x x x x x x	SM	Ground down to dark greyish brown mainly medium grained sands with silty slightly plastic fines extremely dense in place.	21										
21.00	x x x x x x		<u>MODERATELY WEATHERED ROCK</u>		21.00	83	21	26	36					
(1.00)	.	SP	Ground down to dark grey to greyish black rock peices with mica- ceous sand with slight to non plastic fines, extremely dense in place.	22										
22.00	.		<u>MODERATELY WEATHERED ROCK</u>		22.00	84	21	25	37					
(1.00)	.	SP	Groune down to dark grey to greyish black rock particles and mica- ceous sand with slight to non plastic fines, extremly dense in place.	23										
23.00	x x x x x x		<u>MODERATELY WEATHERED ROCK</u>		23.00	86	20	27	39					
(2.00)	x x x x x x	SM SP	Ground down to greyish brown rock particles with mica with coarse but mainly medium grained to fine sands with little fines, extremly dense in place.	24										
25.00	x x x x x x				25.00	88	21	27	40					

SOIL PROFILE

Project: _____ Elevation: _____ Date: 06/06/96
 Bore Hole No: 2 Water Level: 9.45m below Logged By: D.V.A. Senarathne

Depth	Soil Symbol	Soil Classification	Description	Standard Penetration Test (Blow Test)																
				No.	Depth	N. Value	Number Of Blows Per 30 Cm													
							0-10 Cm	10-20 Cm	20-30 Cm	30-40 Cm	40-50 Cm									
25.00			<u>MODERATELY WEATHERED ROCK</u> Ground down to grey rock peices with coarse sands with no fines extremely dense in place.	25	25.00	88	21	27	40											
(3.00)		SP																		
28.00			<u>HOLE TERMINATED</u>																	

SOIL PROFILE

Project: _____ Elevation: _____ Date: _____
 Bore Hole No: 3 Water Level: 9.16m below Logged By: D.V.A. Senarathn

Depth	Soil Symbol	Soil Classification	Description	Standard Penetration Test (Blow Test)																	
				No.	Depth	N Value	Number Of Blows Per 30 Cm														
							0-10	10-20	20-30	30-40	40-50										
0.00																					
(1.00)		GM SM	Dark brown coarse to fine lateritic gravels with cobble and around 10% - 20% moderately plastic fines, loose in place.	1																	
1.00					1.00	21	6	8	7												
(1.00)		SC	Dark reddish brown coarse but really mainly medium gravel to fine sand with some nodular gravels and 25% plastic fines, dense in place.	2																	
2.00					2.00	17	3	7	7												
(1.00)		SC	Dark reddish brown, coarse to fine gravelly sand with around 30% plastic fines, medium dense in place.	3																	
3.00					3.00	30	10	10	10												
(1.00)		SC	Dark greyish to slightly reddish brown silty sand with 30% moderately plastic fines, dense in place.	4																	
4.00					4.00	7	2	3	2												
(1.00)		SC	Dark greyish and reddish brown coarse to fine lateritic sands with 30% moderately plastic fines, loose in place.	5																	
5.00					5.00	14	5	5	4												
(1.00)		SC	Dark grey coarse to fine lateritic sand with 30% hard nodular gravels and 30% plastic fines, medium dense in place.	6																	
6.00					6.00	10	3	4	3												

SOIL PROFILE

Project :

Elevation :

Date :

Bore Hole No : 3

Water Level : 9.16m below

Logged By D.V.A. Senarathne

Standard Penetration Test (Blow Test)

Depth	Soil Symbol	Soil Classification	Description	No.	Depth	N-Value	Number Of Blows Per 30 Cm							
							0-10	10-20	20-30	30-40	40-50			
6.00					6.00	10	3	4	3					
(1.00)	x	SM	Dark grey reddish brown coarse to fine lateritic sand with 20% hard nodular cobbles and gravels around 10% plastic fines, medium dense in place.	7										
7.00	x				7.00	13	3	5	5					
(1.00)	x	SM	Greyish brown, coarse to fine lateritic sand with 15% hard cobbles and gravels and 10% non to slightly plastic fines, medium dense in place.	8										
8.00	x				8.00	31	8	10	13					
(1.00)	x	SP GP	Dark brown, coarse to fine gravels mixed with coarse sands and less than 5% non plastic fines, dense in place.	9										
9.00	x				9.00	42	10	13	19					
(1.00)	x	SM ML	Yellowish grey, medium to fine lateritic sand with 5% hard nodular gravels and over 60% slightly plastic fines dense in place.	10										
10.00	x				10.00	51	19	20	12					
(1.00)	x	SP SM	<u>COMPLETELY WEATHERED ROCK</u> Reddish yellow medium to fine grained sand with a trace of hard nodular gravels and slightly over 5% very slightly plastic fines very dense in place											
11.00	x													
			<u>HOLE TERMINATED</u>											

SOIL PROFILE

Project: _____ Elevation: _____ Date: _____
 Bore Hole No: 4 Water Level: _____ Logged By: D.V.A.Senarat

Depth	Soil Symbol	Soil Classification	Description	Standard Penetration Test (Blow Test)																
				No	Depth	N Value	Number Of Blows Per 30 Cm													
							0 CM	10 CM	20 CM	30 CM	40 CM	50 CM								
0.00																				
(1.00)	x	SM	Greyish yellow coarse but mainly medium grained to fine lateritic sand with 10 to 15% moderately plastic fines dense in place.	1	1.00	44	11	15	18											
1.00	x																			
(1.00)	x	SM	Yellowish to reddish brown coarse to fine, mainly medium grained sand with 10 to 15% silty fines very dense in place.	2	2.00	54	17	15	22											
2.00	x																			
(1.00)	x	SC	Yellowish to reddish brown coarse to fine lateritic sand with some hard nodular gravels and with around 30% plastic fines very dense in place.	3	3.00	30	7	10	13											
3.00	x																			
(1.00)	x	SC	Greyish white to yellowish brown coarse to fine sand with 10% hard nodular gravels and 25% silty fines dense in place.	4	4.00	53	9	14	30											
4.00	x																			
(1.00)	x	SC	Yellowish to bright reddish brown coarse to fine mainly medium graine sand with 30% moderately plastic fines very dense in place.	5	5.00	61	10	16	35											
5.00	x																			

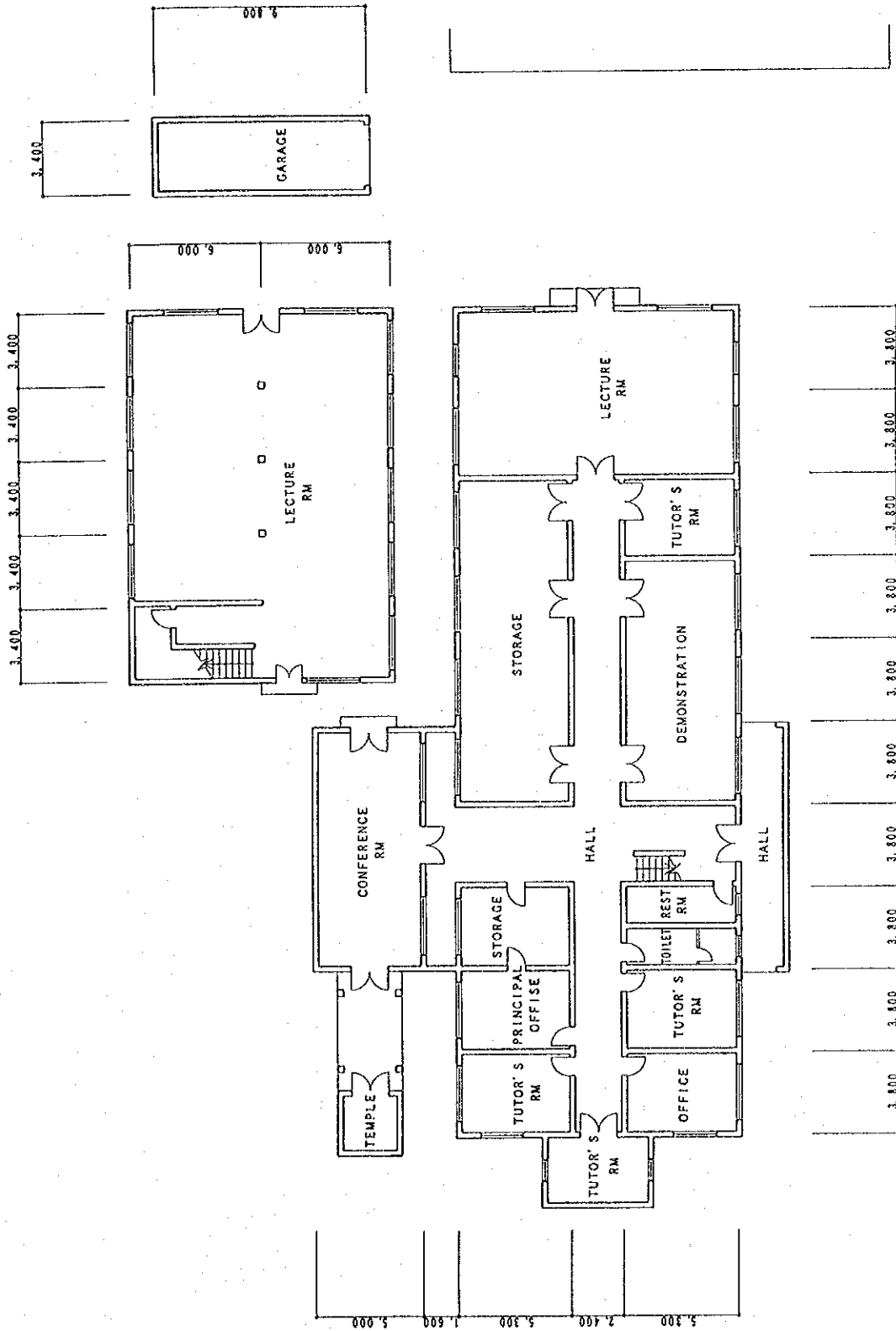
SOIL PROFILE

Project: _____ Elevation: _____ Date: _____
 Bore Hole No: 4 Water Level: _____ Logged By: D.V.A. Senarathne

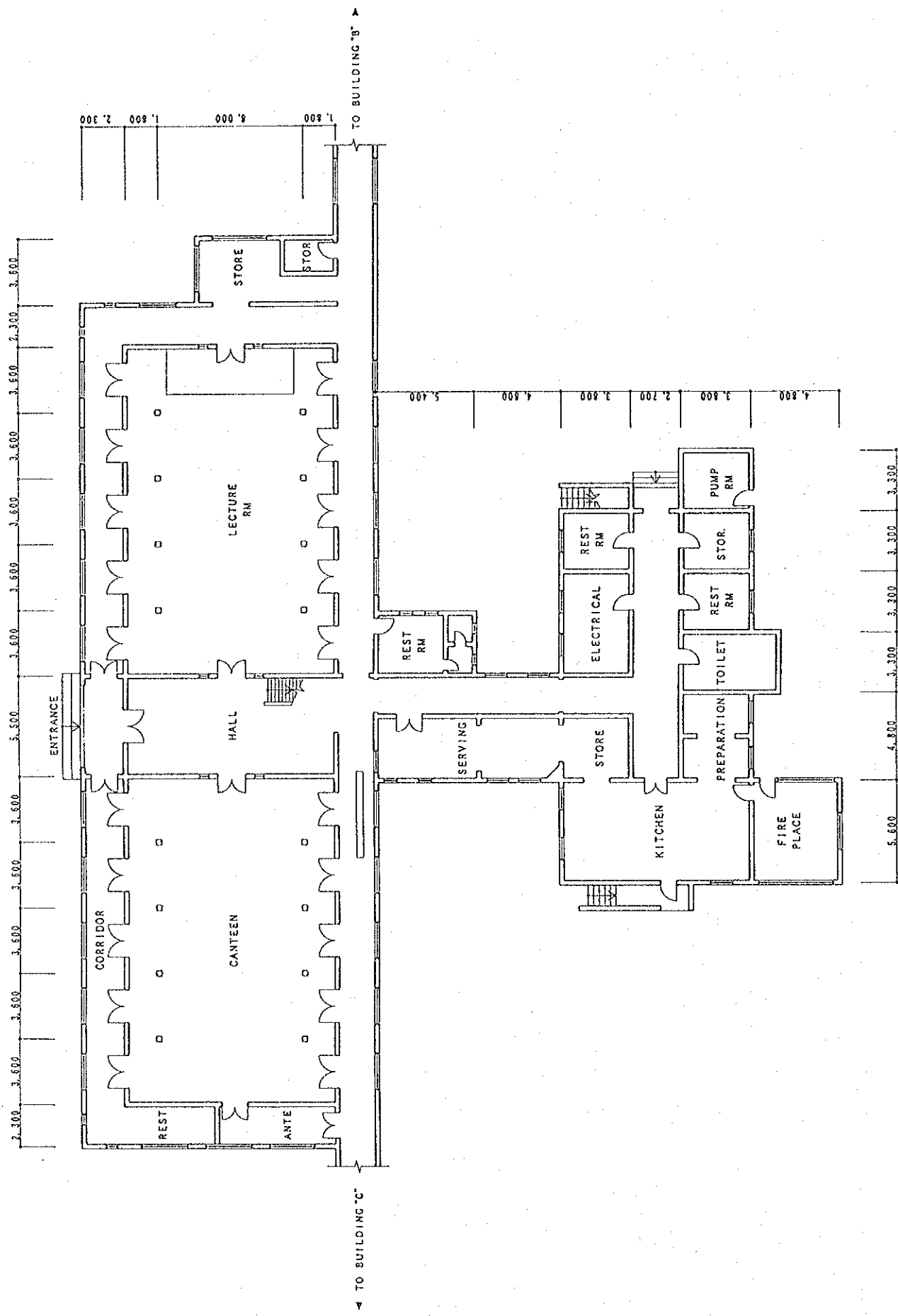
Depth	Soil Symbol	Soil Classification	Description	Standard Penetration Test (Blow Test)																	
				No	Depth	N Value	Number Of Blows Per 30 Cm														
							0	CE	CE	CE	10	20	30	40	50						
5.00			<u>COMPLETELY WEATHERED ROCK</u>		5.00	61	10	16	35												
(1.00)		SP	Greyish to yellowish brown mainly medium grained to fine sand with 15% hard rock and lateritic nodules and 5% non plastic fines very dense in place.	6																	
6.00			<u>HOLE TERMINATED</u>		6.00																

7. REFERENCE

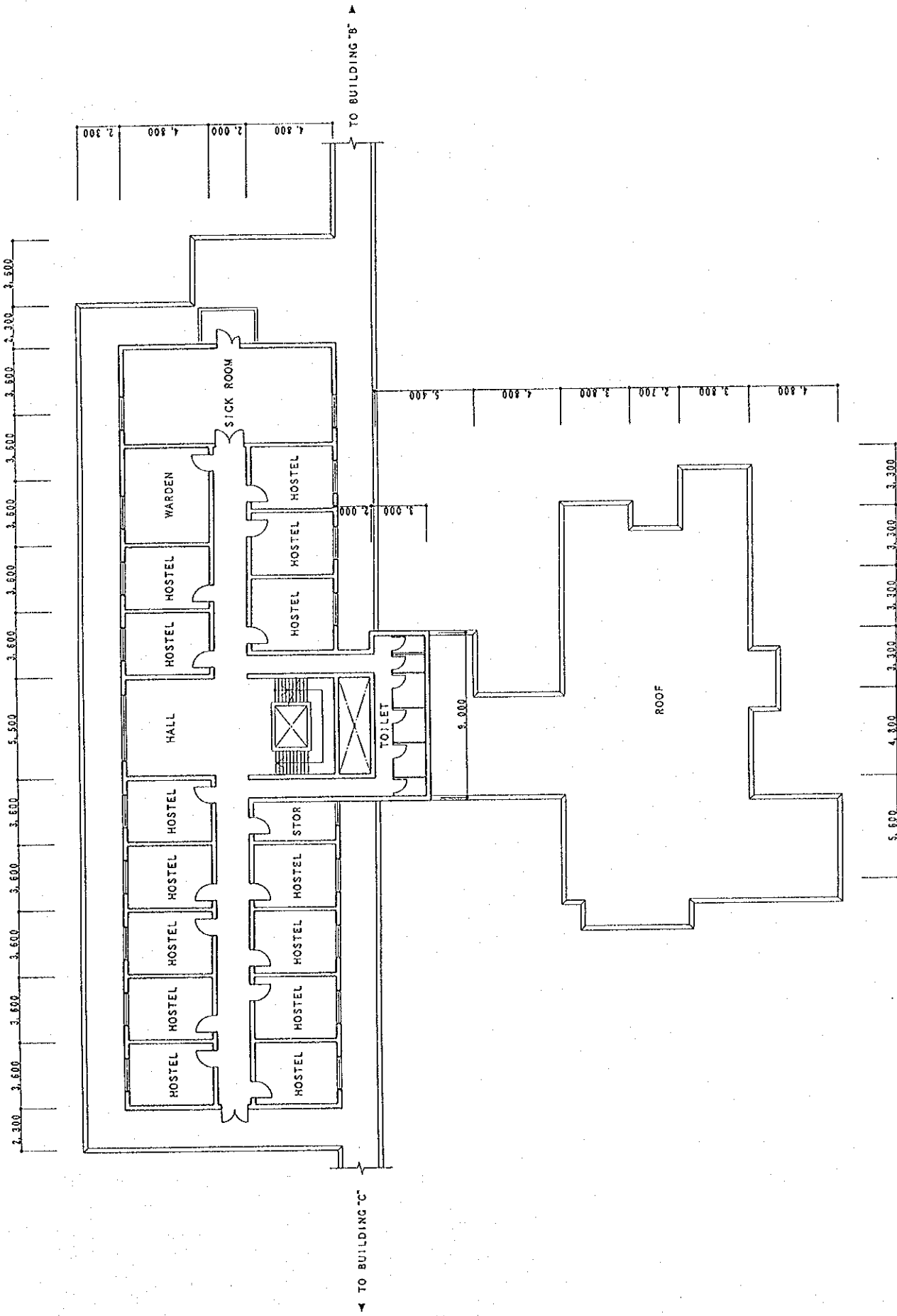
(1) Drawings of School of Nursing, Colombo



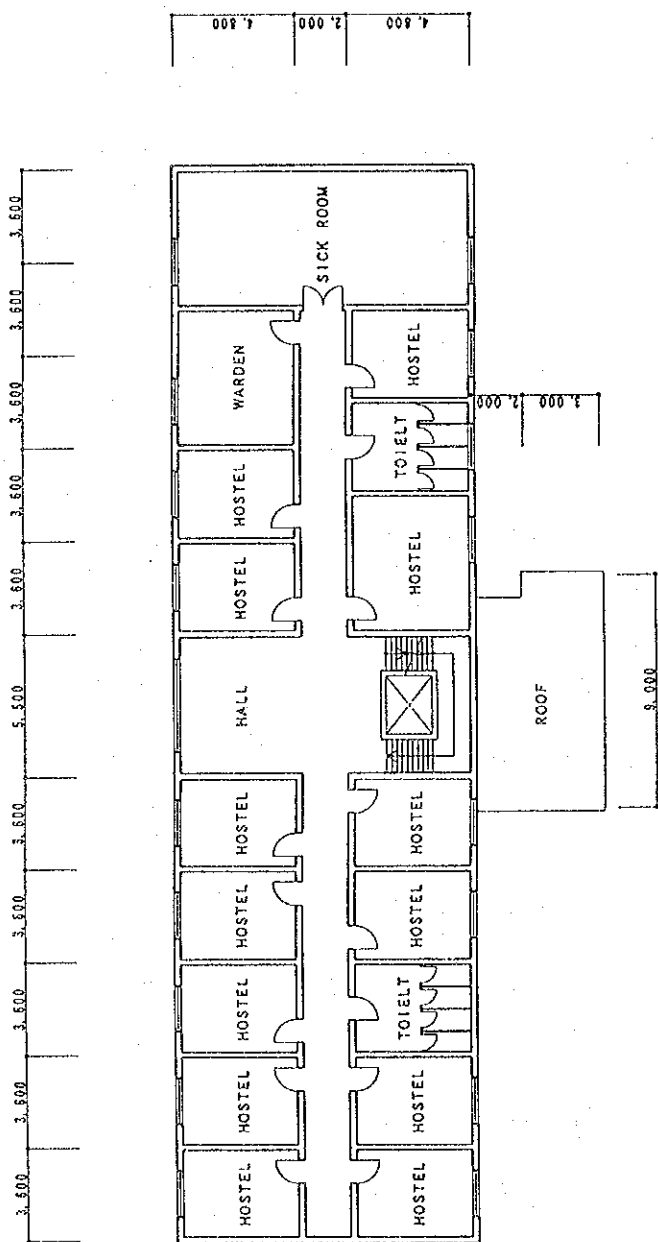
GROUND FLOOR, FIRST FLOOR, SECOND FLOOR PLAN



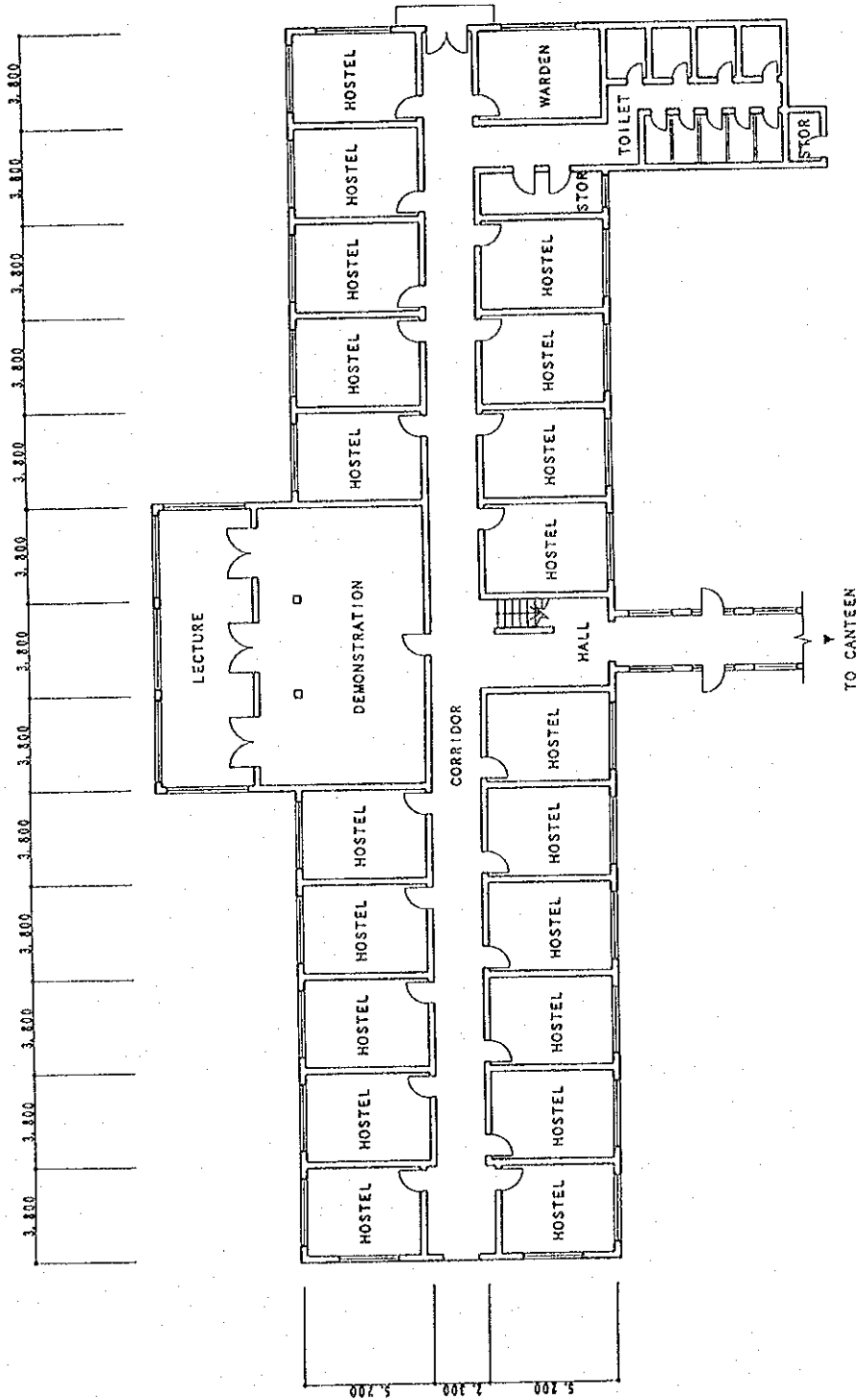
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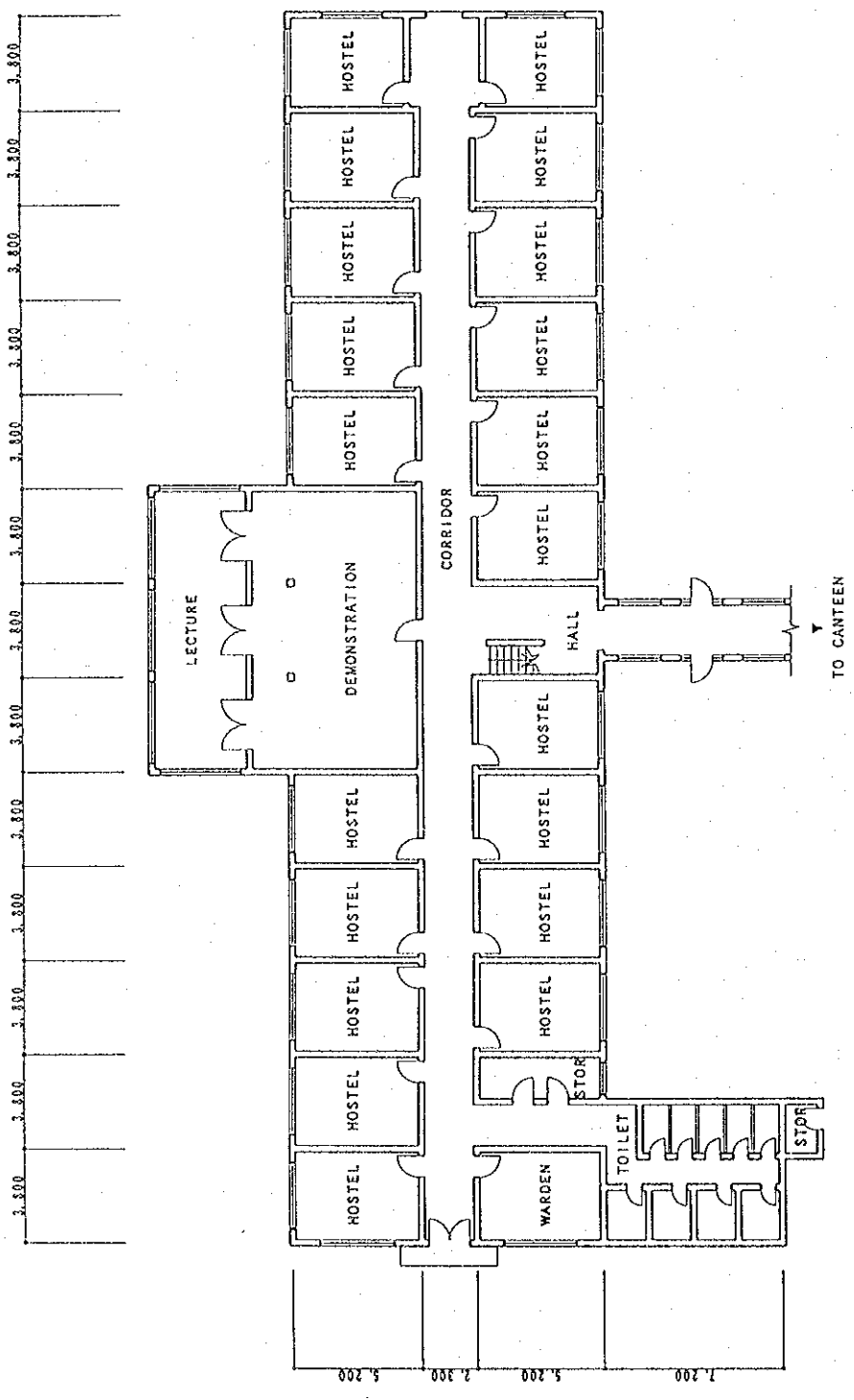
FIRST FLOOR



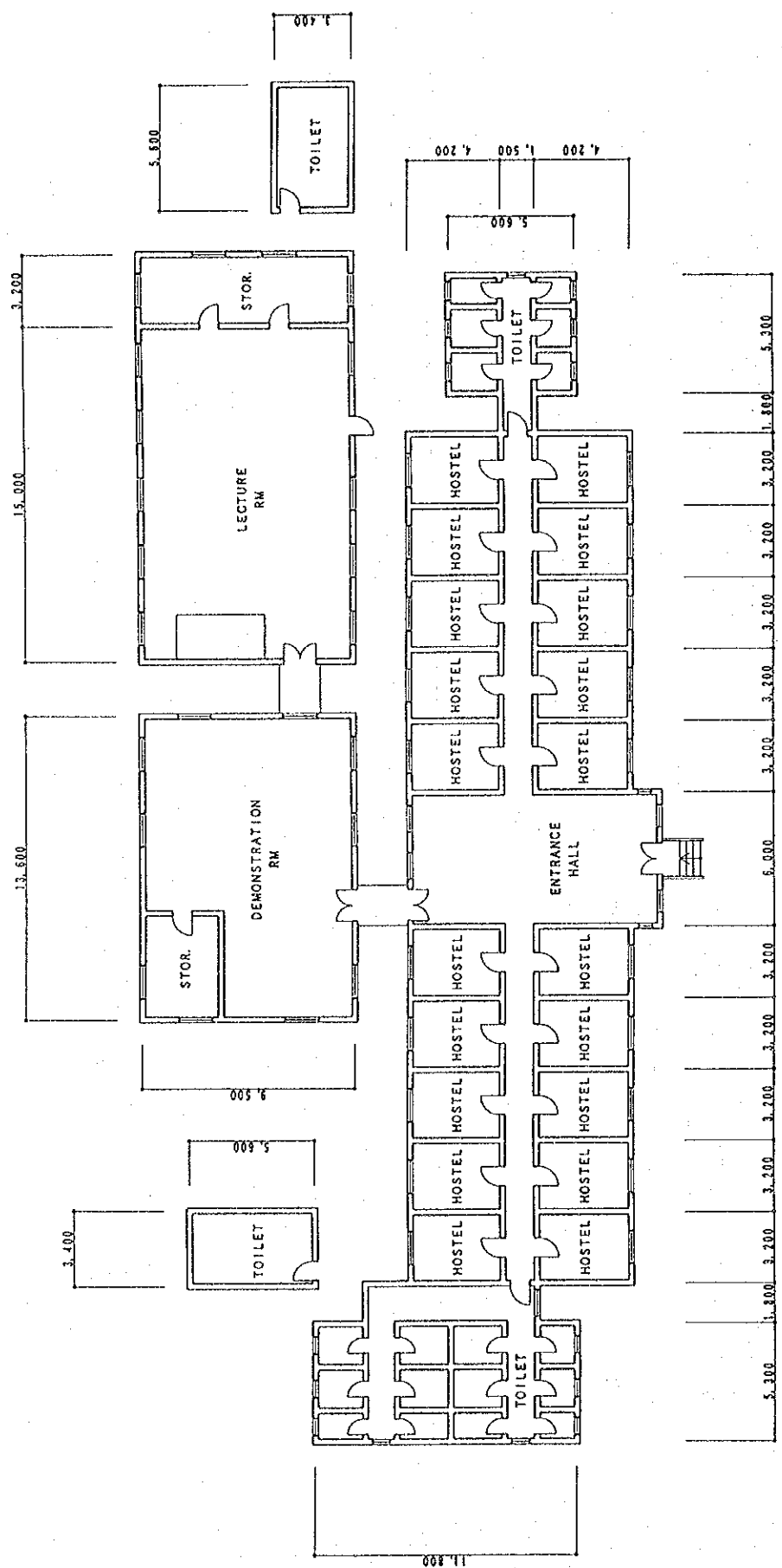
SECOND FLOOR



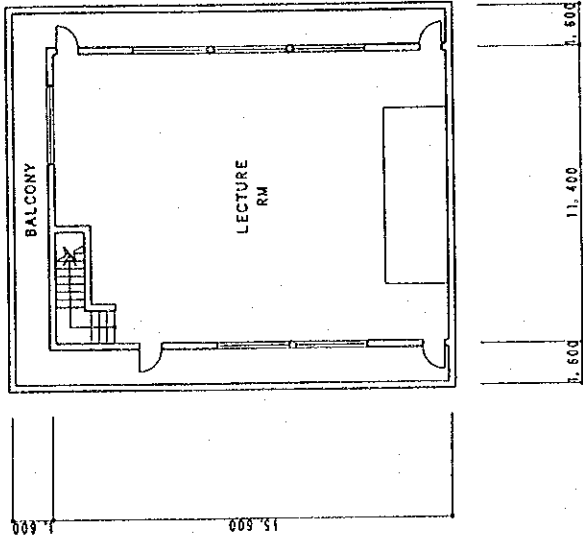
GROUND FLOOR, FIRST FLOOR, SECOND FLOOR PLAN



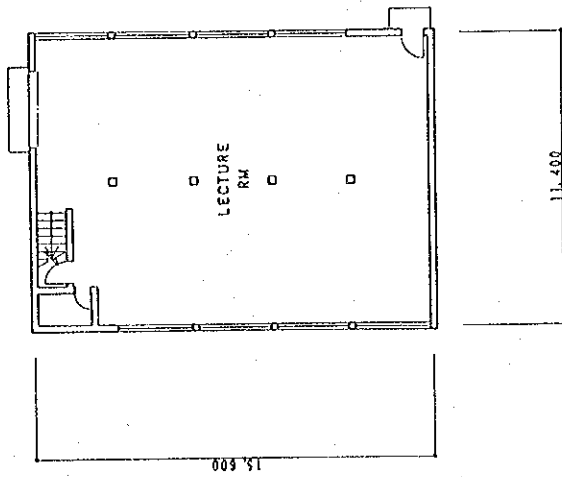
GROUND FLOOR, FIRST FLOOR, SECOND FLOOR PLAN



GROUND FLOOR PLAN



FIRST FLOOR PLAN



GROUND FLOOR PLAN

SCHOOL OF NURSING KANDY LECTURE BUILDING







JICA