

STUDY REPORT
FOR
THE PHILIPPINE SOCIAL SCIENCE CENTER
IN
THE REPUBLIC OF THE PHILIPPINES

SEPTEMBER 1981

JAPAN INTERNATIONAL COOPERATION AGENCY

1911

On the 1st of January 1911, the first of the new year, the weather was very cold and the wind was very strong. The snow was very deep and the ice was very thick. The people were very busy and the work was very hard. The children were very happy and the old people were very sad. The day was very long and the night was very dark. The stars were very bright and the moon was very full. The sun was very hot and the wind was very cold. The people were very tired and the work was very hard. The children were very happy and the old people were very sad. The day was very long and the night was very dark. The stars were very bright and the moon was very full. The sun was very hot and the wind was very cold. The people were very tired and the work was very hard. The children were very happy and the old people were very sad.

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PREFACE

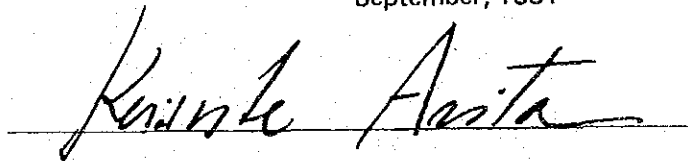
In response to a request of the Government of Republic of the Philippines, the Japanese Government decided to conduct a survey on the Basic Design for the Philippine Social Science Center Project and entrusted the survey to the Japan International Cooperation Agency. The J.I.C.A. sent to the Philippines a survey team headed by Kiyoshi Kato from June 22nd to July 12th, 1981.

The team had discussions on the project with the officials concerned of the Government of the Philippines and conducted a field survey. After the team returned to Japan, further studies were made and the present report has been prepared.

I hope that this report will serve for the development of the Project and contribute to the promotion of friendly relations between our two countries.

I wish to express my deep appreciation to the officials concerned of the Government of the Philippines for their close cooperation extended to the team.

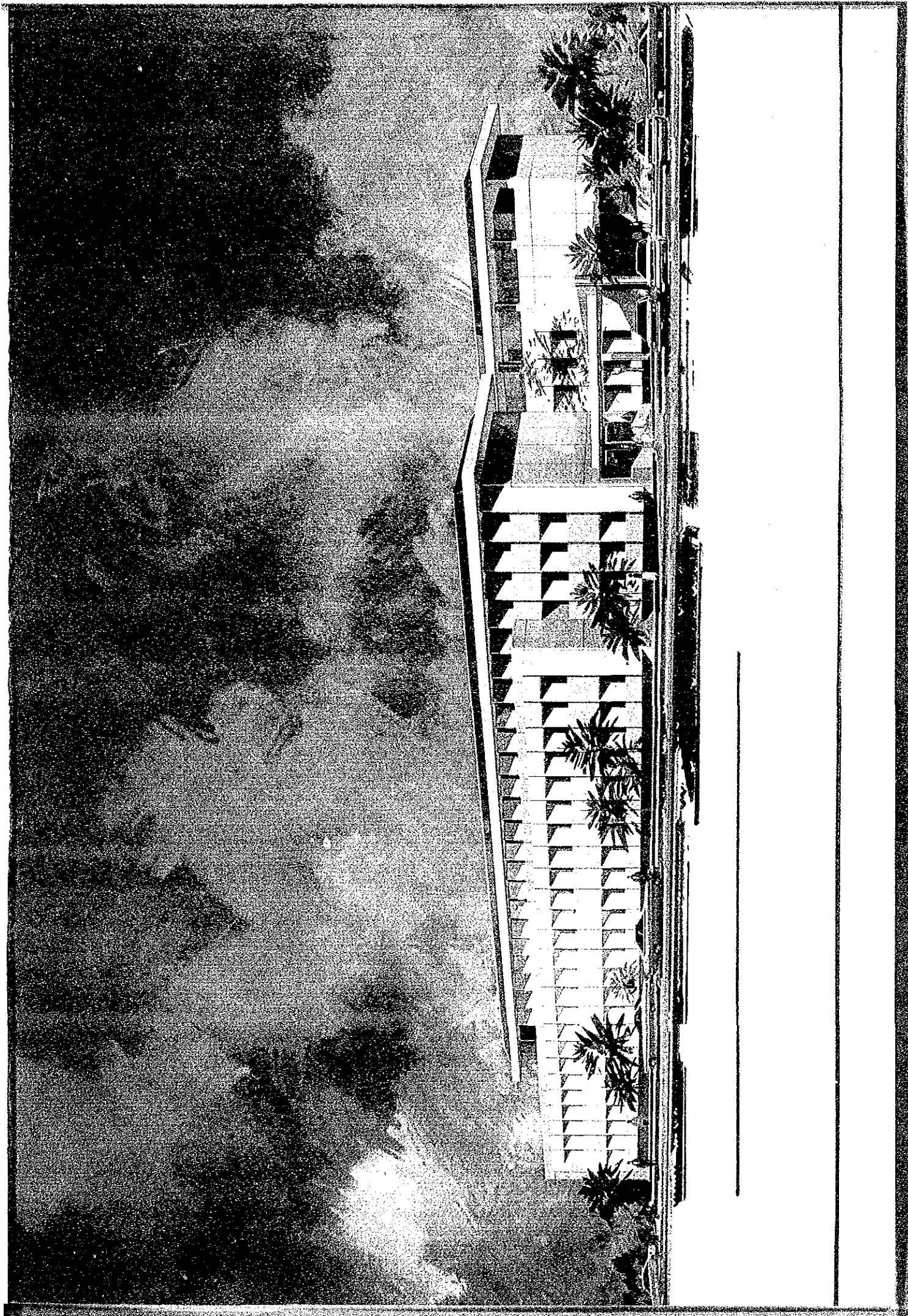
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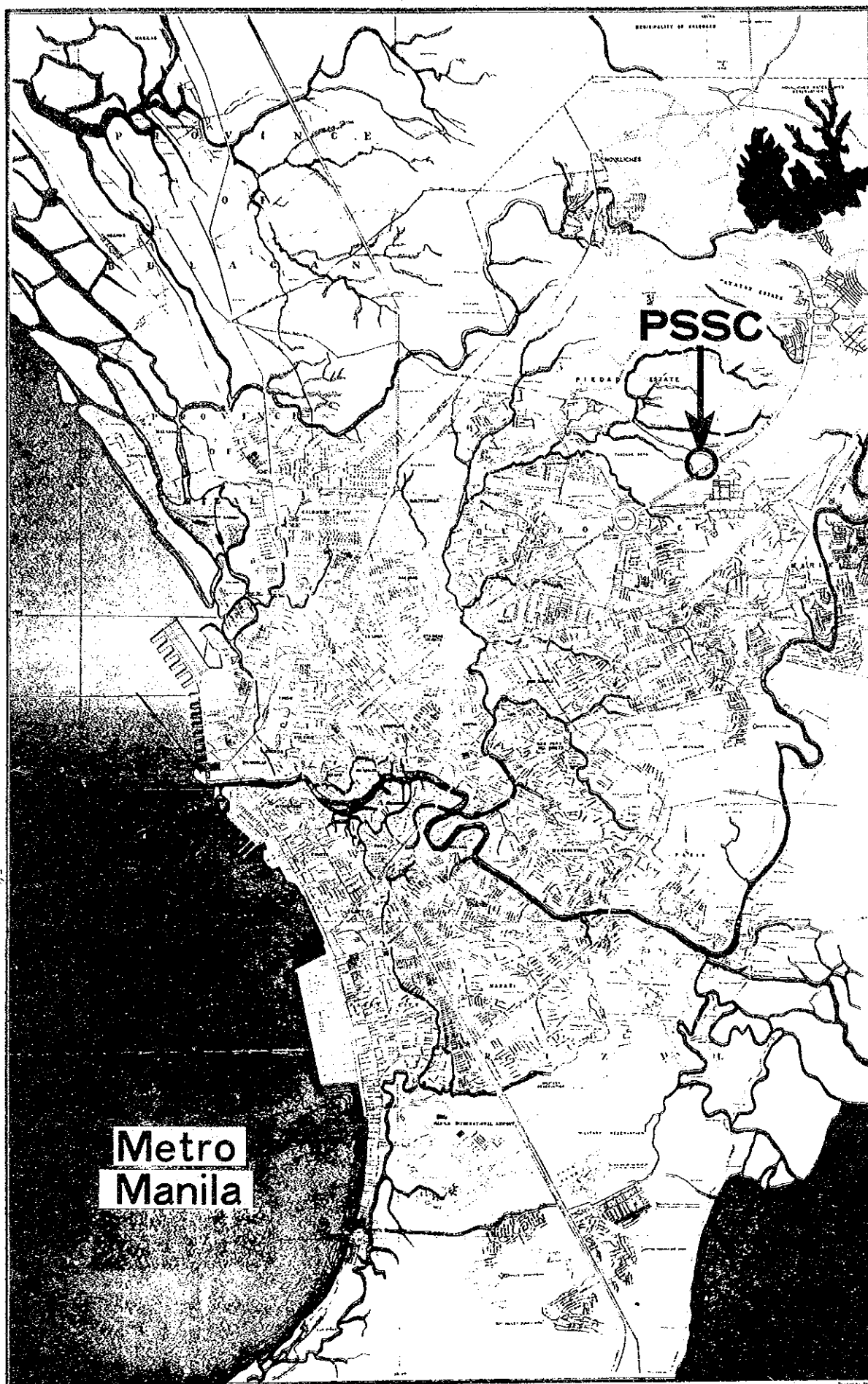
A handwritten signature in black ink, reading "Keisuke Arita", written over a horizontal line.

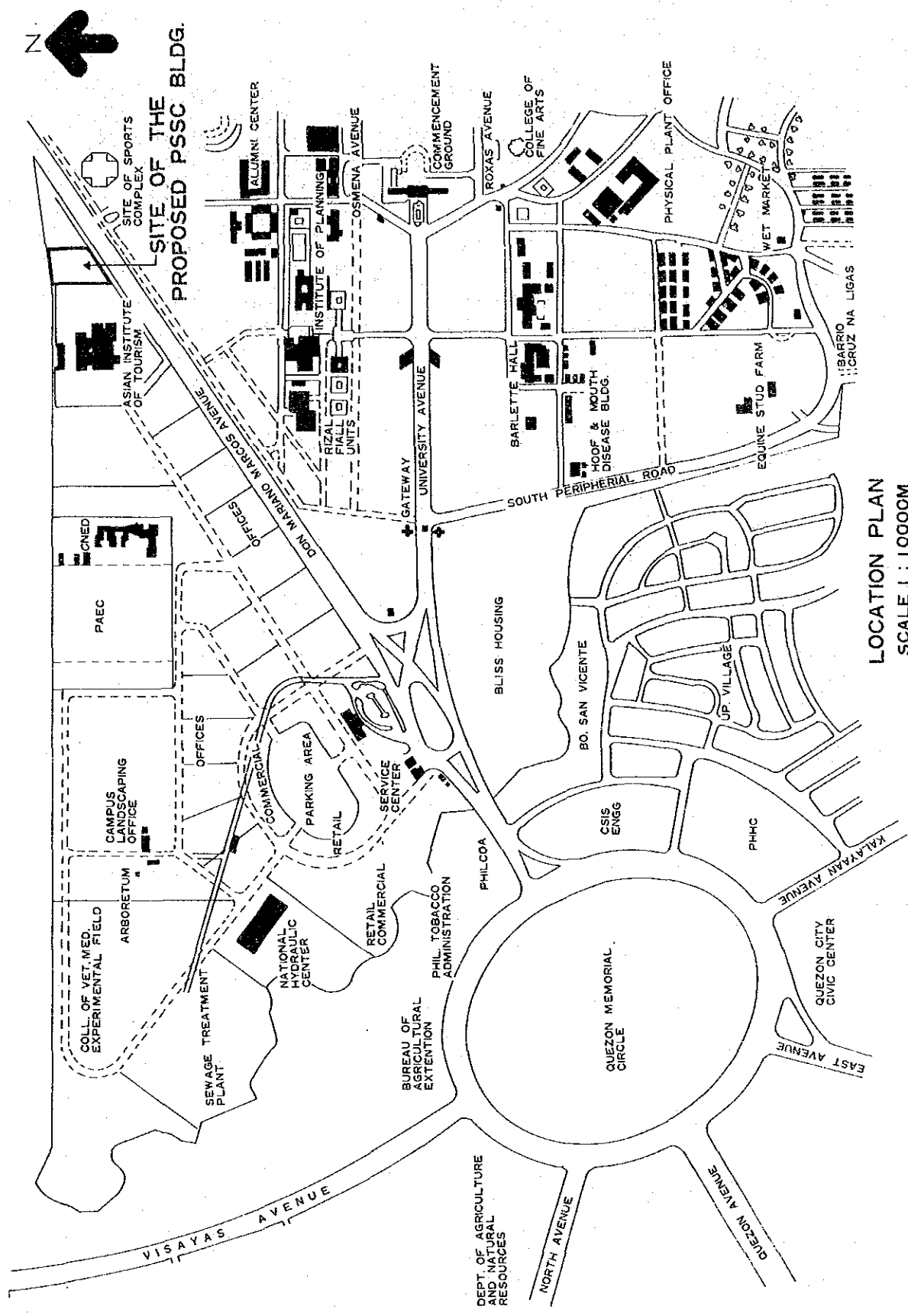
Keisuke Arita

President

Japan International Cooperation Agency







LOCATION PLAN
SCALE 1 : 100000

SUMMARY

1. The Philippine Social Science Council (PSSC) has been organized especially for the development of the social science in the Philippines, and the Council is, at present, consisted of eleven regular and seventeen associate member associations.

PSSC activities which started in 1968, principally involve financial assistance and advice to academic investigation and research programs in the various fields of social science, educational and training activities for the institutional development in these fields, and publishing and distribution of periodicals, theses and other printed works. Achievements of these activities are enhancing impacts on academic, educational, business, and administrative-governmental sectors.

The establishment of the PSSC center aims to provide a center establishment for social science activities in the Philippines by consolidating PSSC functions and activities now scattered at various locations. It will also provide a site for the exchange of educational and research activities in the field of social science for other nations of Southeast Asia.

2. The proposed building site which has been secured on the campus of the University of the Philippines is located at Diliman, Quezon City. The site faces, on the south, Don Mariano Marcos Avenue leading from Quezon Memorial Circle to the Batasang Pambansa.

The site is trapezoidal in shape stretching north-south, and is flat except for the northern part of the land where there is a depression approximately 3 m deep, however, this depression will be no hindrance to the planning of buildings.

Power, telephone and water supply services are provided along Don Mariano Marcos Avenue and Central Avenue, and are available without any difficulties.

3. The Center has been planned in full consideration of shape of the site, natural conditions, environment and construction practices in the Philippines. Basic principles in the architectural planning involve, in addition to achieving full functioning of the facilities as the center for social sciences, convenient and economical maintenance services by employing locally available utility equipment and building materials. Provision of an open court at the center of the building enables cross ventilation and natural lighting to economize on air conditioning and electric lighting.

4. The Center is a consolidation of required facilities for the functioning of the PSSC, and will have three stories above ground and one partial basement floor. Principal facilities are the Secretariat, Central Subscription Service office, computer room, offices of member and related organizations of the Council, reference library, training and education facilities, auditorium and cafeteria. The aggregate floor area is approximately 5,600 m².

5. In addition to normal utility services of water supply, drainage, plumbing and electrical systems, air conditioning will be provided for the library, PSSC offices, Central Subscription Service office, auditorium, etc. An automatic fire alarm system will be installed in addition to regular fire fighting equipment. A lift will be provided for disabled persons and also for book handling use to serve the 2nd floor library.

6. From the point of view of the nature of PSSC, special equipment may not be necessary, however, furniture for offices, Auditorium, Training Rooms, Library, and Cafeteria, printing equipment for Central Subscription Service, audio system in the Auditorium, and projection equipment in the Seminar Room are to be taken into consideration in planning of equipment.

7. Research and education in the social science field is an important element for the enhancement of the nation's general improvement of the people.

By establishment of the Center, it is envisioned that the following will be accomplished:

Activities of the PSSC will be expanded by being able to increase its staff members and by providing permanent offices for regular and associate members.

By repletion of facilities for the Central Subscription Service, it will become a center for social science publications in the Philippines.

Seminars, conferences, symposia and training meetings coordinated by PSSC can all be held in the Center, and related councils in which the PSSC is participating can be invited to hold events in the Center, and the training rooms in the Center will facilitate research training and skill development programs.

Computer center and library will enable information acquisition, processing and rendering with systematic services to all persons concerned with social sciences.

When the Center is constructed, envisioned activities of the PSSC will become possible and will contribute to developments in all fields of social sciences, and results will be increasingly reflected in the governmental and private sectors and will contribute further improvement of social levels in the Philippines.

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OUTLINE OF THE PROJECT

CHAPTER 1 OUTLINE OF THE PROJECT

A. INTRODUCTION

In response to requests of the Government of the Philippines to study the possibility of contributing to the establishment of the Philippine Social Science Center (hereinafter called the Project), the Japanese Government dispatched a Basic Design Survey Team to this effect during the months of June and July, 1981. This team was followed by a Second Survey Team in August of the same year.

The findings and conclusions outlined in this Report were made by the above mentioned surveys by virtue of the enthusiastic and sincere assistance and cooperation of the Philippine side to realize this Project.

B. SURVEYS

1. Basic Design Survey

A Team* headed by Mr. Kiyoshi Kato, Director of the Grant Aid Department of the Japan International Cooperation Agency was dispatched from June 22nd to July 12th, 1981 by the Japanese Government through the Japan International Cooperation Agency to carry out a basic design survey for the establishment of the Center.

Through a series of discussions and exchange of views between the Team and officials of the Philippine Social Science Council (PSSC) and the Government of the Philippines, both sides agreed to recommend to their respective Governments and authorities concerned to examine the results of the survey toward the realization of the Project.

As result of these discussions, Minutes of Discussions were exchanged. A copy of these minutes and list of personnel concerned are contained in the Appendix of this Report.

2. Second Survey

A Team* headed also by Mr. Kiyoshi Kato was dispatched from August 12th to 18th, 1981 to confirm the contents of this Report.

As a result, the Basic Design and contents of this Report were confirmed and Minutes of the Second Discussion were exchanged. A copy of these minutes is contained in the Appendix of this Report together with a list of personnel concerned.



* The firm of Matsuda, Hirata & Sakamoto, Architects, Planners & Engineers, Inc. participated in the teams, and prepared the basic designs for the center.

C. BACKGROUND OF THE PROJECT

1. The Philippine Social Science Council

a. Objectives

PSSC is a nonstock, nonsectarian, nonprofit, private association of professional social science organizations which intends, above all, to consolidate the resources of local social scientists. It hopes to provide the leadership likely to enhance the impact of these social scientists on the development of the nation, and to formulate appropriate policies, programs, and projects to achieve this end.

b. Functions

Specifically, the PSSC has the following functions:

- (1) To seek and take the necessary actions to cultivate among the different social science associations and disciplines areas of common interest that concern social problems and go beyond the specific interest of any particular association, discipline, or profession;
- (2) To strengthen the voice of the social science disciplines, associations, and professionals by promoting and assisting their various journals through the creation of a central subscription service, through press releases, news bulletins, special publications, and the sponsoring of public symposia and forums;
- (3) To offer to the government, business and other sectors assistance in social science research and education, policy formulation, and program development;
- (4) To develop, stimulate, support or encourage social science research and related projects, particularly those of a cooperative and multi-disciplinary nature, that tend to meet problems of national and/or international scope;
- (5) To suggest priorities for the funding of research projects undertaken by social scientists;
- (6) To offer advice on priorities in questions of thesis and dissertation support, graduate assistantships, faculty exchange programs, social science faculty development programs, and fellowship programs for advanced studies;

(7) To serve as a clearinghouse for the collection and exchange of information on research and other related activities in the social sciences;

(8) To assist persons engaged or interested in the social sciences with respect to placement opportunities and similar information, such as the strengths of various training institutions and the availability of grants and scholarships locally and abroad;

(9) The social science disciplines currently being served by PSSC are anthropology, communications, demography, economics, geography, history, linguistics, political science, psychology, public administration, social work, sociology, and statistics.

c. Membership

There are two types of membership in the PSSC: regular and associate.

(1) The present regular membership of the PSSC is comprised of the following:

- Linguistic Society of the Philippines
- Philippine Association of Social Workers
- Philippine Economic Society
- Philippine Geographical Society
- Philippine National Historical Society
- Philippine Political Science Association
- Philippine Society for Public Administration
- Philippine Sociological Society
- Philippine Statistical Association
- Psychological Association of the Philippines
- Ugnayang Pang-aghamtao (Anthropological Association of the Philippines)

(2) The associate members of PSSC are the following:

- American Studies Association of the Philippines
- Angeles University Foundation Research and Planning Center
- Coordinated Investigation of Sulu Culture
- Dansalan Research Center
- Institute of Mass Communication, University of the Philippines
- Institute of Philippine Culture, Ateneo de Manila University
- International Institute for Rural Reconstruction
- Leyte-Samar Research Center, Divine Word University of Tacloban
- Office for Research and Development, St. Paul College of Tuguegarao

Philippine Christian University Research Center
Philippine Normal College Language Study Center
Philippine Psychology Research and Training House
Population Institute, University of the Philippines
Research Institute for Mindanao Culture, Xavier University

d. Organization

The principal constituent units of the PSSC are the Executive Council, the Executive Board, the Board-created standing and special committees, and the PSSC Secretariat. Two service arms of the PSSC, the PSSC Research Network and the Central Subscription Service, are directly linked to the Secretariat.

e. Secretariat and its Service Arms

(1) The Secretariat is composed of the Executive Director and the staff who assist in the formulation and execution of PSSC plans and projects. The Executive Director is the administrative officer of PSSC and its subsidiary bodies. She serves as ex-officio member of the Board and all standing and special committees of PSSC, and represents the PSSC in all its formal or official transactions.

(2) The PSSC Research Network is composed of 25 research centers located in major cities and towns throughout the Philippines which jointly participate in surveys initiated or sponsored by the PSSC either for its own needs or to accommodate groups and organizations, local and national, which request their assistance. Such activities are coordinated by the Program Coordinator.

(3) The PSSC Central Subscription Service was conceived primarily to assist the journals of PSSC-member associations to attain self-reliance through centralized management, distribution, and promotion. At present, CSS has extended these services to include promotion of other social science books and monographs.

f. Current Program Activities

Since January 1972, PSSC has been engaged in various special programs of research, training, institutional development, research dissemination and utilization, and upgrading the quality of research.

RESEARCH

(1) *National/Regional Surveys*: Starting in 1980, the surveys to be conducted are spelled out in terms of the goal areas under the Five-Year Development Plan of the Philippine Government. This includes long and short-term components on a "rolling basis." The surveys may also be done on the regional level, or may allow "local riders" to fit local needs.

(2) *Discretionary Research Awards*: This consists of small research grants of no more than P5,000.000 to enable scholars to complete ongoing projects.

(3) *Commissioned Research on Specific Subject Areas*: This is a new area of research and is distinguished from the first two above in that the projects conducted under it need not be in the form of a survey, nor is the topic left free to the discretion of the proponent. They are generally of the short-term or "small research grant" variety.

(4) *Modern Philippine History Program*: Projects under this program have a multidisciplinary focus on modern Philippine history covering the period from the mid-19th century up to the present.

RESEARCH TRAINING AND SKILLS DEVELOPMENT

(1) *Refresher Course for College Teachers in the Social Sciences*

(2) *Research Training Program*: Starting 1980, PSSC will conduct research training programs on the national, local and the regional (Asian) level.

INSTITUTIONAL DEVELOPMENT

(1) *Graduate Training Assistance Program*: A flexible aid program administered by a special training committee to consider and respond to requests for advice and assistance on a case-to-case basis. Funds are available for student maintenance, (including stipends for extramural advisors) and similar costs, except tuition and research.

(2) *Research Network*: Nationwide maintenance and expansion of PSSC-affiliated research centers which will undertake the national and regional surveys and special studies for public and private agencies and other institutions.

(3) *Staff Development*: Training fellowships for the fulltime Secretariat staff both on the domestic and foreign levels.

(4) *Preparation of the PSSC Social Survey Series Manuals*: Publication of manuals in four volumes designed to guide and aid social science researchers in the conduct of surveys, data gathering, analysis and interpretation, and report writing.

(5) *Books and Equipment Program*: Makes available to PSSC-related research centers a books-and-equipment grant to help them attain a higher level of efficiency and competence in social research.

(6) *Teaching Materials Program*: Addresses itself to the need for worthwhile but inexpensive social science teaching materials at the college and graduate levels. It aims to produce course outlines, bibliographies, and teacher's manuals for one or two courses each year of the program.

RESEARCH DISSEMINATION AND RESEARCH UTILIZATION

(1) *Seminars, lectures, conferences, and symposia*: PSSC provides financial assistance to its member associations in the conduct of their local conferences, seminars, workshops, lecture series activities, and other such activities.

(2) *Publications subsidy and distribution*: PSSC furnishes funds to its member associations to enable them to update their issues and thereby maintain continuity in their publication activities.

(3) *Travel and Study Award*: PSSC provides minimal supplementary funds for social scientists who are invited to attend and/or read papers at conferences and symposia abroad.

2. Requirements for Center Facilities

a. Present Accommodations

Presently, only the PSSC Secretariat has a permanent office in a small residential house within the campus of the University of the Philippines at Diliman, Quezon City. The Council rents office space from the University of the Philippines. Each member association holds office wherever the incumbent senior officer has his regular business office.

b. It has been a long-time desire to house in a single building the facilities and services of the Council, its member associations and related associations.

c. Provision of Center facilities will relieve the cramped space for accumulation and dissemination of informational material, provide adequate office space for activities of the Council Secretariat, Central Subscription Service, computer center and member organizations. Provision of supporting facilities such as a library, training rooms and seminar room, auditorium and cafeteria will enable PSSC to attain its objectives through activities which will be facilitated and consolidated in a central accommodation.

BUILDING SITE

CHAPTER 2 BUILDING SITE

A. LOCATION

Land 8,000 m² in area within the campus of the University of the Philippines located at Diliman, Quezon City, Metro Manila, has been secured as the building site.

The land is located north along Don Mariano Marcos Avenue which is 30 m wide. The land adjacent on the westside is AIT (Asian Institute of Tourism). The north side of the land faces Central Avenue. The site occupies part of a triangle formed by Don Mariano Marcos Avenue, Central Avenue, and the AIT site. Don Mariano Marcos Avenue is a principal road leading to the Batasang Pambansa stretching northeast from the Quezon Memorial Circle.

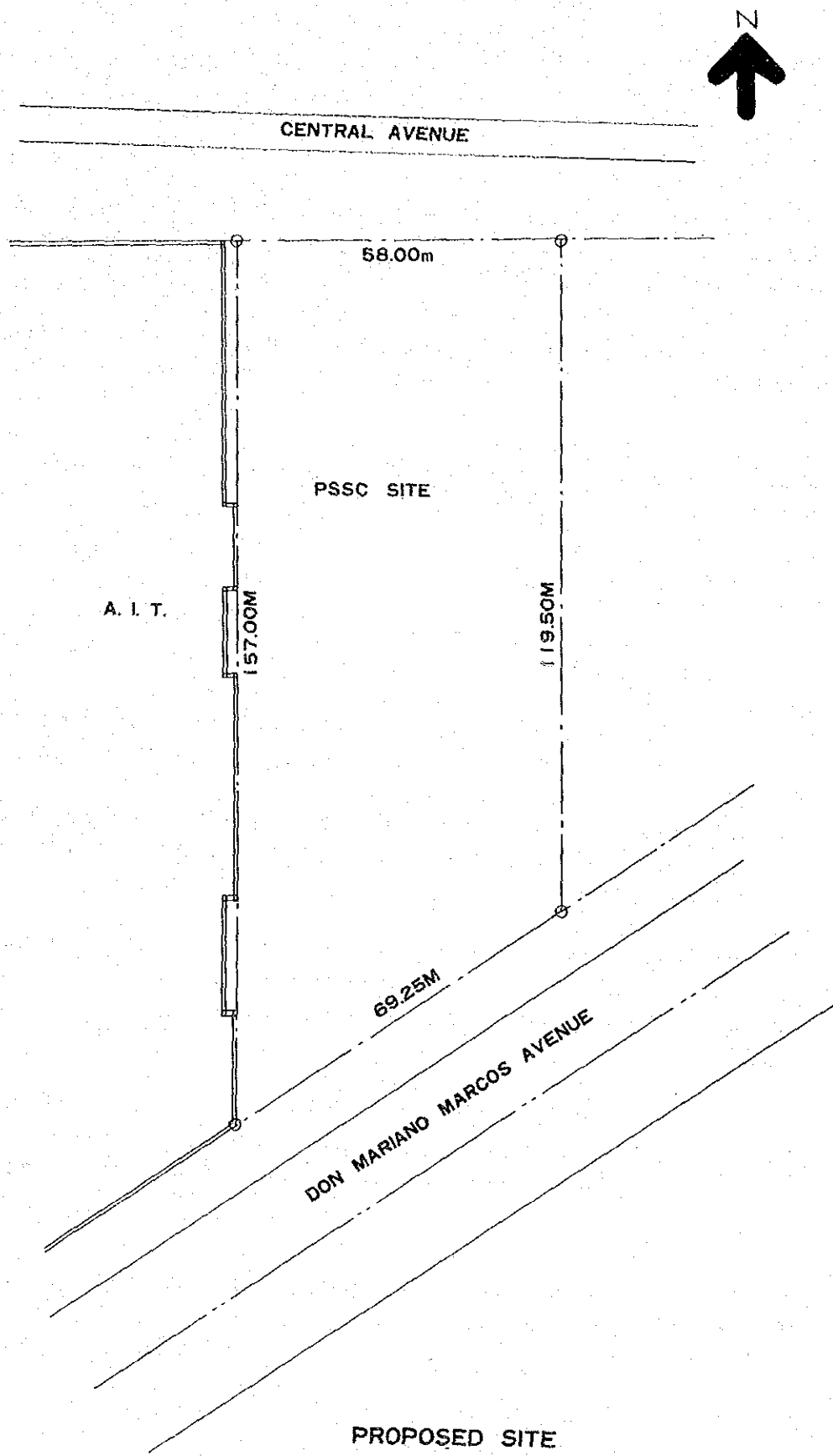
B. ENVIRONMENT

The neighborhood of the site for the Center is allocated by an overall plan for utilization of a former golf course. The land on the other side of AIT to the west will be for INNOTECH (SEAMEO Regional Center for Educational Innovation and Technology) to be built also by cooperation between the Philippines and Japan. The land along Don Mariano Marcos Avenue from the Quezon Memorial Circle to AIT is planned to be divided into lots about 100 m deep for office development. A post office and DCCD condominiums will be built near AIT.

The Iglesia ni Cristo is located to the north of the site of the Center beyond Central Avenue, and the buildings for the New Era College are located at the crossing of Don Mariano Marcos Avenue and Central Avenue.

The campus of the University of the Philippines extends to the south from the other side of Don Mariano Marcos Avenue. No high buildings have been built nearby, and the campus facing Don Mariano Marcos Avenue is open as a green belt.

Central Avenue is expected to be widened in the future to six car lanes adjacent to the site of the Center.



C. EXISTING CONDITIONS

The area of the land is 8,018.50 m². It is shaped like a thin trapezium from north to south, 58 m in width, 157 m long side and 119.5 m short side.

The border on the west facing AIT has a stone wall and Don Mariano Marcos Avenue makes an angle of 56°30' with the wall. The stone wall along AIT stretches from north to south.

The terrain is nearly flat and the elevation is slightly higher than Don Mariano Marcos Avenue. The north section drops by about 3 m and exposes adobe on the slope face. Water is flowing in part of the northeast section of the land for which draining pipes should be installed.

Adobe has been confirmed to exist at a depth of 1.0 m below the ground surface. Further details are to be confirmed by boring tests. There are no high trees on the land due to thin top soil.

The site is at present a flower nursery (Metro Greening). Metro Greening rents the land from UP on a monthly basis, and there will be no problems vacating the land.

D. INFRASTRUCTURE

1. Electric Supply

The power is supplied by Manila Electric Power Co. (MERALCO). The ordinary transmission voltages are 230V, 6.24 kV, 13.8 kV, 22 kV and 34.5 kV, and the frequency is 60 Hz.

A 34.5 kV overhead supply system exists along Don Mariano Marcos Avenue. Another overhead supply system branches out along Central Avenue supplying power to AIT. Power can be supplied to the site from either supply line. (See Fig. 2-1 Existing Electric Power System)

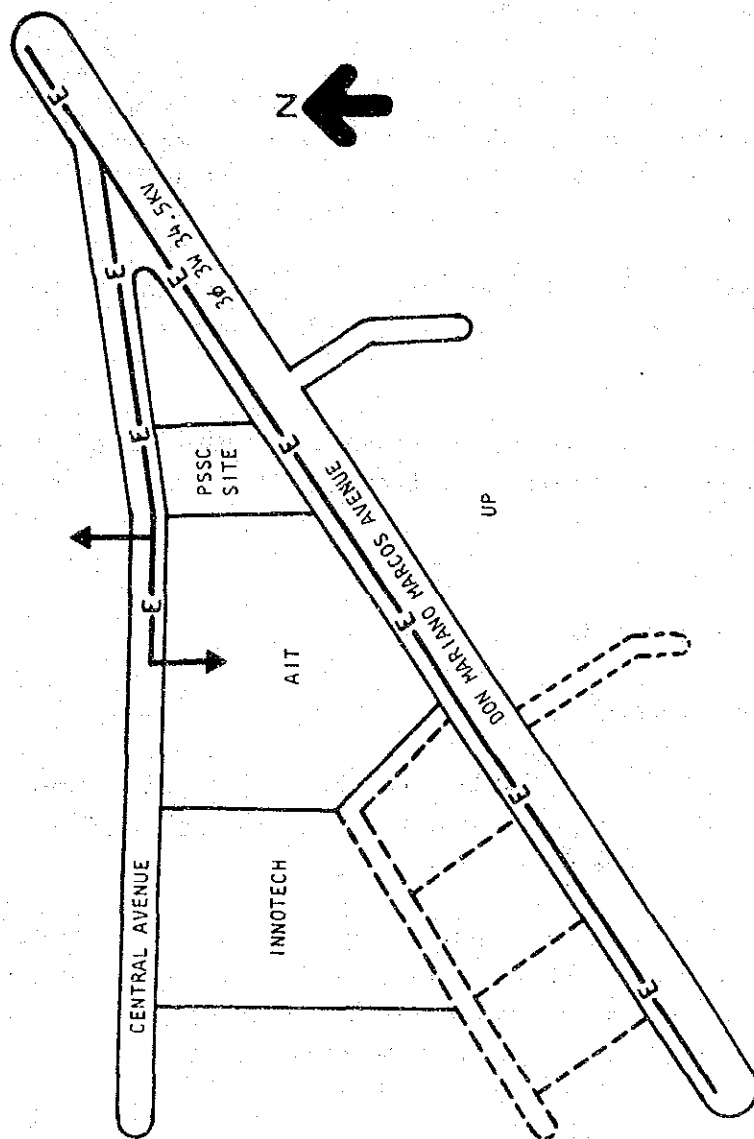


FIG. 2-1 EXISTING ELECTRIC POWER SYSTEM

2. City Water

A city water main along the proposed site is buried beside Don Mariano Marcos Avenue by the City Water Department. Some sections of the main are exposed above the ground (10" – 250 mm ϕ). Aside from this city water main, a water main (8" – 200 mm ϕ) runs to the AIT site from city water facilities of UP. Branching out to PSSC from this main will be possible. The water supply pressure is said to be 30 to 40 lbs/in² (2.1 to 2.8 kg/cm²) and goes down to 20 lbs/in² (1.4 kg/cm²) at extremes. (See Fig. 2-2 Existing Water Supply System)

3. Drainage

There is no drainage main adjoining the site. Waste water from nearby buildings and storm water is directly discharged. Sewage is discharged after being treated in a septic tank. The low section of the site collects storm water from the UP campus which flows across Don Mariano Marcos Avenue. A considerable volume of rainwater accumulates during heavy rain. Drain water from the neighboring AIT site also flows into the low portion of the site from the west side. A drain pipe is buried along the opposite side of Central Avenue, and drain water from the Center will be discharged into this drain pipe. There is a plan to install a drainage main along Don Mariano Marcos Avenue in the future. (See Fig. 2-3 Existing Drainage System)

4. City Gas

There are no facilities for city gas near the proposed site of the Center, and propane gas as required must be supplied by cylinders.

Gas cylinders containing 11, 30, and 50 kg can be rented, and the price of this bottled propane gas is controlled by the Philippine Government.

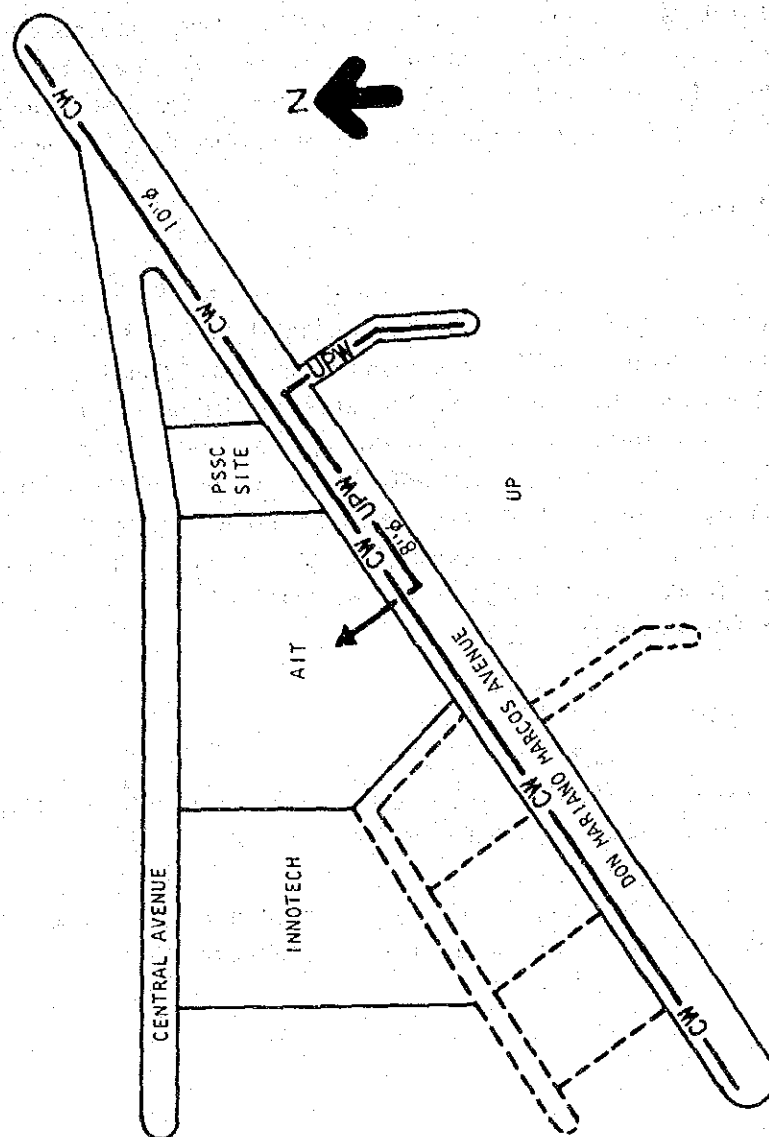


FIG. 2-2 EXISTING WATER SUPPLY SYSTEM

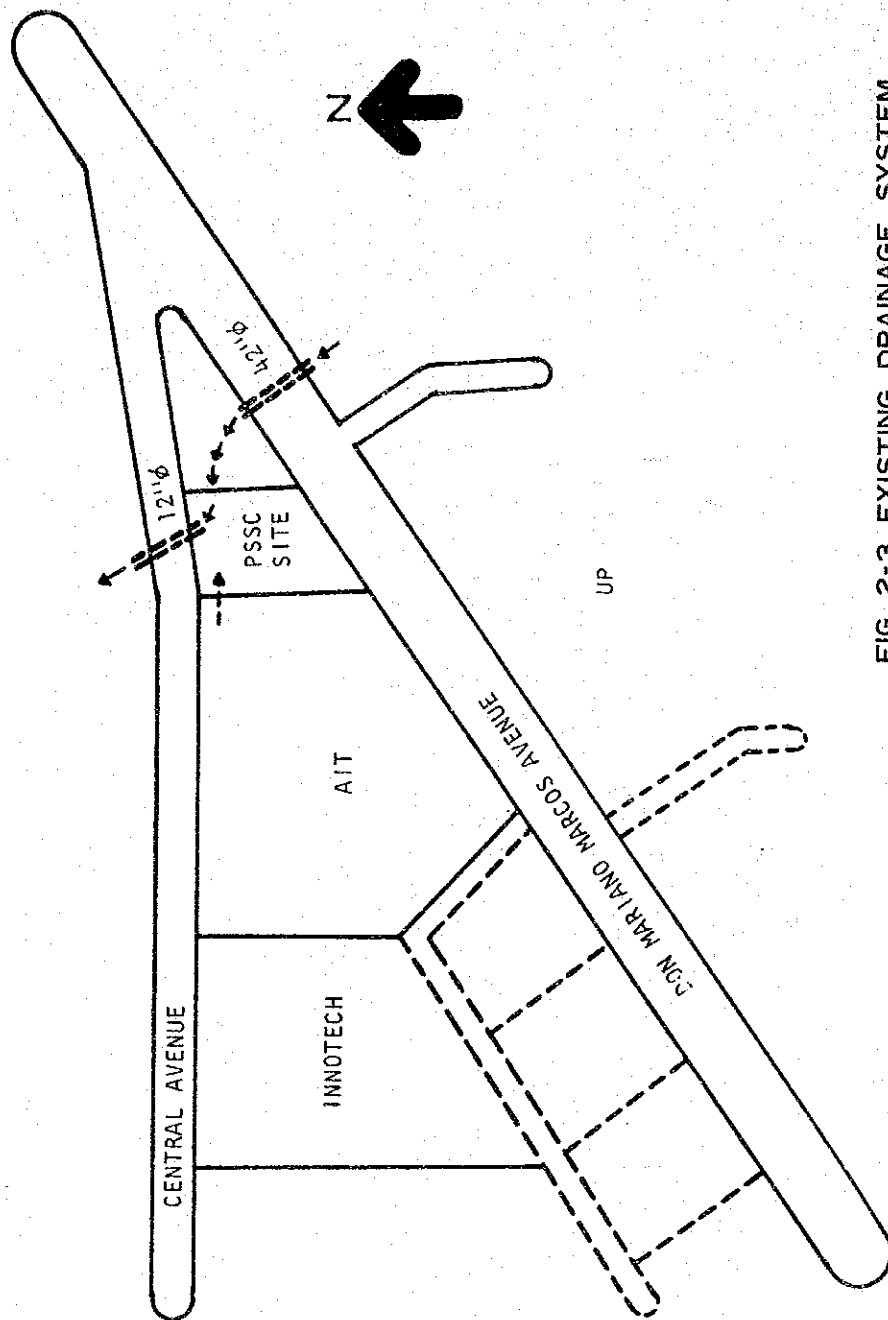


FIG. 2-3 EXISTING DRAINAGE SYSTEM

BASIC DESIGN

CHAPTER 3 BASIC DESIGN

A. DESIGN PRINCIPLES

The following design principles were adopted prior to commencing the basic design:

- a. Consideration is to be given to this Center's functions as a symbol of the social sciences.
- b. The plan shall enhance the architectural effect of the Center which will face onto Don Mariano Marcos Avenue leading to the Batasang Pambansa.
- c. The plan shall effectively utilize existing terrain.
- d. To incorporate, as far as possible, local Philippine construction methods, building material and building equipment which are adaptable to the Center building.
- e. The site layout shall be such that a space will be left between the Don Mariano Marcos Avenue and the buildings.
- f. The building unit cost shall be minimized, and consideration shall be given to providing equipment as required.
- g. Ease of operation and maintenance of the facilities is to be a priority.

B. LAYOUT PLANNING

- a. The main approach shall be from Don Mariano Marcos Avenue.
- b. Service shall be from Central Avenue, and a service yard shall be provided.
- c. The main and service approaches shall be connected by a road for general service and maintenance of the complex.
- d. The buildings shall be set back as far as possible from Don Mariano Marcos Avenue to reduce traffic noise.

- e. Car parking shall be provided near the roads, and cars blocked from the inner premises to preserve a quiet environment.
- f. The buildings shall stretch from north to the south according to the terrain and shall be as far as possible from the boundaries of adjoining premises to the east and west. Areas around the buildings shall be landscaped. (See Fig. 3-1 Traffic Flow Diagram)

C. ARCHITECTURAL

1. Floor Planning

This Center shall be a complex of facilities having independent functions and priorities as follows:

- a. Offices of the Philippines Social Science Council
- b. Offices of the Central Subscription Service
- c. Computer center
- d. Offices of member organizations of the Council
- e. Offices of associate member organizations
- f. Reference library
- g. Training rooms and audio-visual seminar room
- h. Auditorium
- i. Building services
- j. Cafeteria

The Center shall have three floors above ground and one partial basement. In view of the terrain, the three floors above ground shall stretch from north to south having an 'H' shaped floor plan as two separate wings. (See Fig. 3-2 Wind Direction)

This was decided after studying the functions of the buildings and considering ventilation and light distribution. The two wings are to be interconnected by open lobbies and corridors surrounding an inner courtyard.

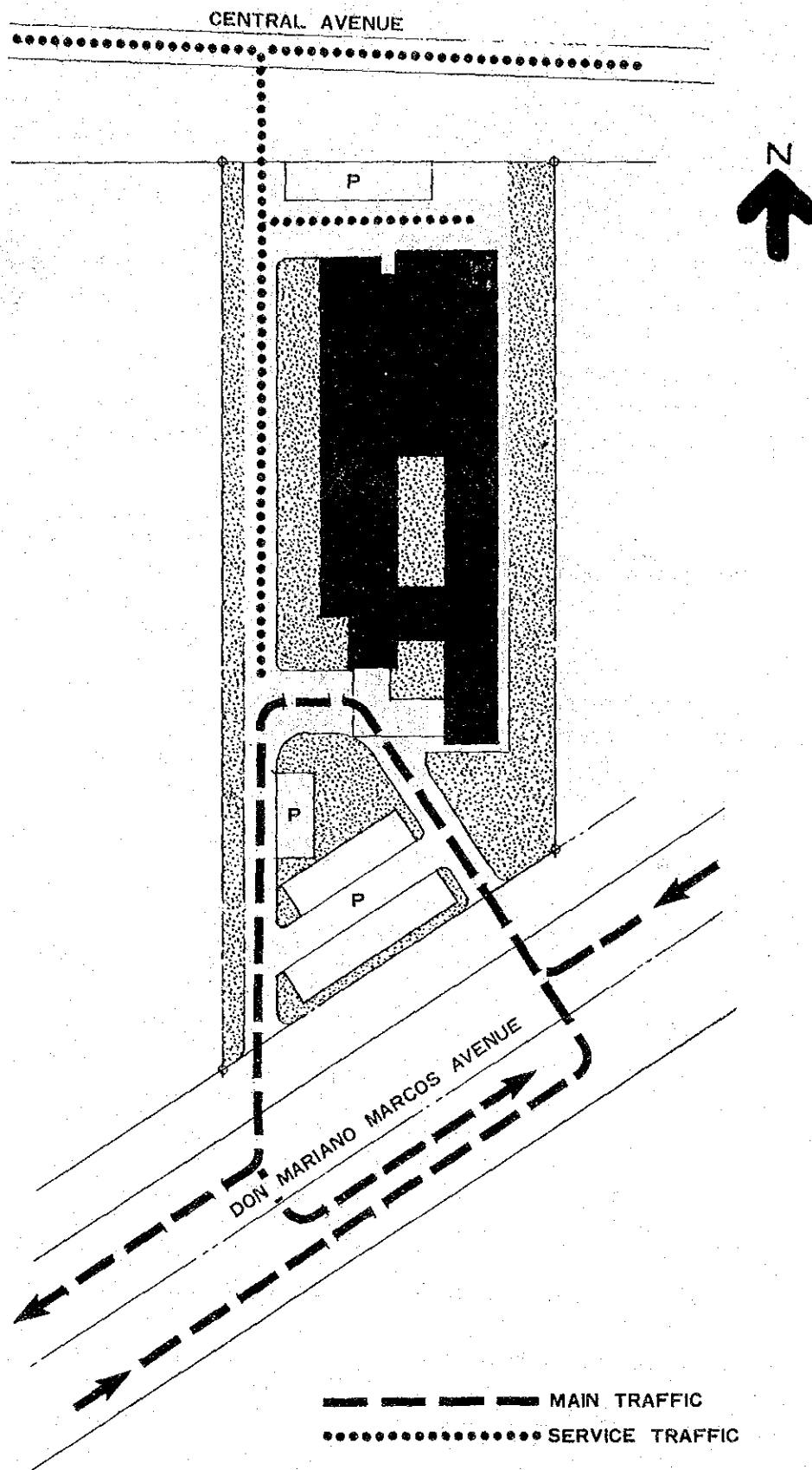


FIG. 3-1 TRAFFIC FLOW DIAGRAM

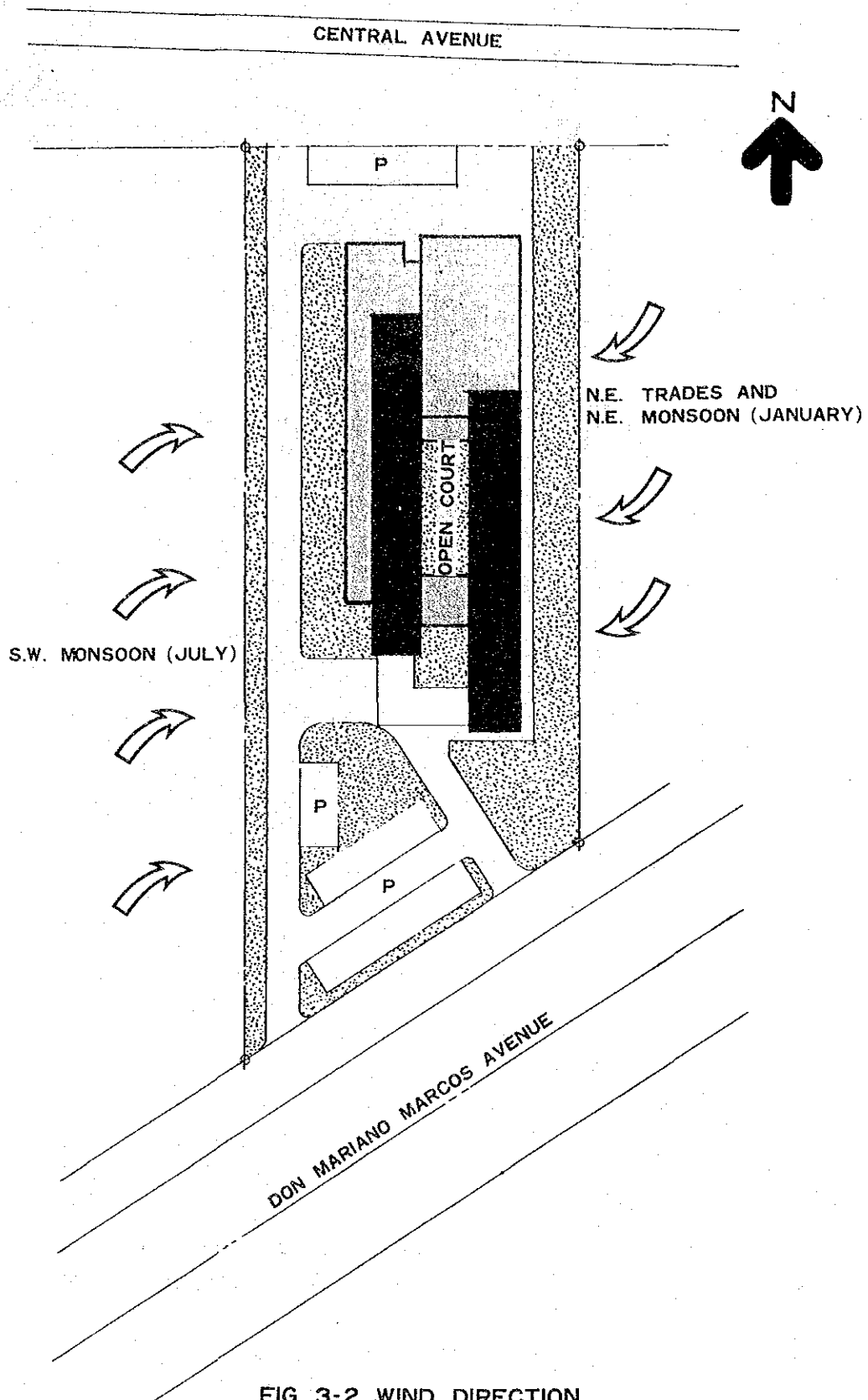


FIG. 3-2 WIND DIRECTION

The two wings are to be staggered by three spans from north to south to give variation in appearance and to set back the main entrance from the approach road for easy access by car.

Constituent functions of this Center and their allocations on each floor are as described below.

a. Basement Floor

Since the Auditorium will have an unsupported large span of 17 m, it has been separated from the three-storey building portion and placed on the lower ground level. A secondary entrance to the Auditorium is to be provided on the north side. Doorways from the north side are also to be provided for service to the stage and for emergency evacuation.

A service yard is provided on the lower level coinciding to the basement floor level. This basement floor faces the open air and is not a basement in a true sense.

Provided in the basement floor are appurtenant facilities such as kitchen support facilities, Machine Room, Workshop and PAX. An exclusive stairway is provided between the Cafeteria Kitchen on the 1st floor.

Though the main use of the Auditorium will be for lecture meetings, it is also to be utilized as a multi-purpose hall for conference, reception and various other occasions by provision of movable partitioning facilities.

b. Ground Floor

The ground floor is for facilities to be frequented by the public, and provides areas devoted to Training (Training and Seminar Rooms), Central Subscription Service and Cafeteria.

Central Subscription Service is one of the important functions of this Center. Spaces are provided for programming, publishing and distribution of various publications together with their display and reading.

Training Area consists of four training rooms and a seminar room and will be used for refresher courses for teachers, research seminars, etc. Each training room can accommodate approximately forty (40) persons.

Cafeteria can accommodate up to one hundred (100) persons and Staff Dining up to forty (40) persons.

c. 2nd Floor

PSSC Secretariat, Computer Center and Reference Library spaces are provided.

PSSC Secretariat is the center of PSSC activities and has six office rooms for the Director and other key personnel. A general office with a maximum capacity of forty (40) clerical and accounting personnel is provided, as is a conference room for about fourteen (14) persons.

Computer Center consists of a computer room with appurtenant vault, storage, verifier/sorter and office rooms.

Reference Library is separated from PSSC Secretariat by an open lobby and located in the east-side wing. The Library is considered as an open stack system with reading and stack spaces. The librarian room and library counter is placed inbetween. Reading space capacity is for approximately 130 persons, and is to be provided with nine reading booths built-in for individual use. Stack room is provided for 25,000 to 30,000 volumes with appurtenant work room and storage spaces.

d. 3rd Floor

Since offices of Member Organizations and Associate Members are for limited persons, they are located on the top floor. Twenty (20) office rooms and one (1) conference room are provided. Each office can accommodate one to two desks and one reception set. The conference room can accommodate up to sixteen (16) persons, but can be converted to office use if desired. Two utility rooms are provided at both ends of this floor to be used by all occupants.

2. Column Spacing

The primary column spacing for the 3-storey building shall be 9 x 4.5 m. This has been decided after carefully considering the nature of each facility furniture layout, size of rooms when partitioned to small rooms, and structural efficiency and economy. The single-storey auditorium will be separated from the main building with column spacing of 17 x 4.5 m.

3. Ceiling and Storey Heights

To secure a height of 3.000 m underneath the beams in the training rooms and audio/visual seminar room and considering that the office of the Central Subscription Service will be a large room, the storey height for the ground floor is to be 3.800 m. The second floor will house the PSSC offices and reference library which will also be large rooms. The storey height for the second floor is also to be 3.800 m.

The third floor will contain small rooms. Assuming a ceiling height of 2.600 m, the storey height is taken as 3.600 m.

The auditorium will have a storey height of 5.000 m. The height underneath the beams shall be 4.000 m.

4. Building Elements and Materials

a. Basic Conditions

In selecting building materials and elements, the following are taken as the basic conditions:

- (1) Countermeasures against high temperatures
- (2) Countermeasures against localized torrential downpours
- (3) Utilization of local construction methods and materials

Any attempt to solve the problems of high temperatures and localized torrential downpours only by utility planning will put a great burden on future operation and maintenance. Consequently, these problems must be met by architectural planning with suitable building materials. Utility planning is to be taken only as secondary measures.

b. Roofs

The roof of the 3-storey building shall be roof finish mounted on steel-framed roof trusses built on reinforced concrete slab as a countermeasure against high temperature. This is a common construction method employed in the Philippines and has a high heat-insulating effect.

Pitched roofs are effective against localized torrential downpours. Eaves and balconies are indispensable not only for heavy downpours but also for shading from the sun.

c. Exterior Walls

The axis of buildings on the UP campus, where buildings can be laid out freely, stretch from east to west to cope with the morning and evening sun. The Center, however, has to run from north to south because of the shape and orientation of the site. The long side of the building faces the east-west direction. For this reason, vertical and horizontal louvers will be used to cope with the strong sunshine, at the same time giving character to the external appearance of the Center. (See Fig. 3-3 Shading Scheme)

Exterior finish is to be reinforced concrete with a stippled synthetic adobe facing, mixing shells with the aggregate. This finish is common in the Philippines and will be in harmony with the environment.

d. Fenestration

The windows shall be as large and open as possible to provide sufficient ventilation and daylighting. As steel window frames are more common than aluminum sashes which are expensive and not used extensively, the Center is to have steel casement windows. Steel grilles for security will be provided for exterior windows on ground floor.

e. Open Yards

Low buildings generally have open yards with landscaped areas. The Center is to have spaces on each level open to the north and south to expand interior spaces. The open spaces will also assist ventilation and distribution, and help to cut down power consumption of cooling and lighting.

f. Interior Finish

Floors are generally to be covered with vinyl tiles. The floors of the open lobbies and corridors, etc. which are considered as quasi-exterior are to have a washed gravel finish, or a terrazzo finish. The auditorium shall have oak parquet flooring available in the Philippines and suited for use for multipurpose halls.

Except for concrete walls and portions exposed to water, interior partitions shall have wooden furring with plywood covering. The auditorium and audio/visual seminar room are to have ceilings and walls covered with acoustic plywood with glass wool linings. Normally ceiling finish is to be acoustic gypsum board, and some ceilings in the lobbies, etc. will be of tongue and groove tanguile KD strips.

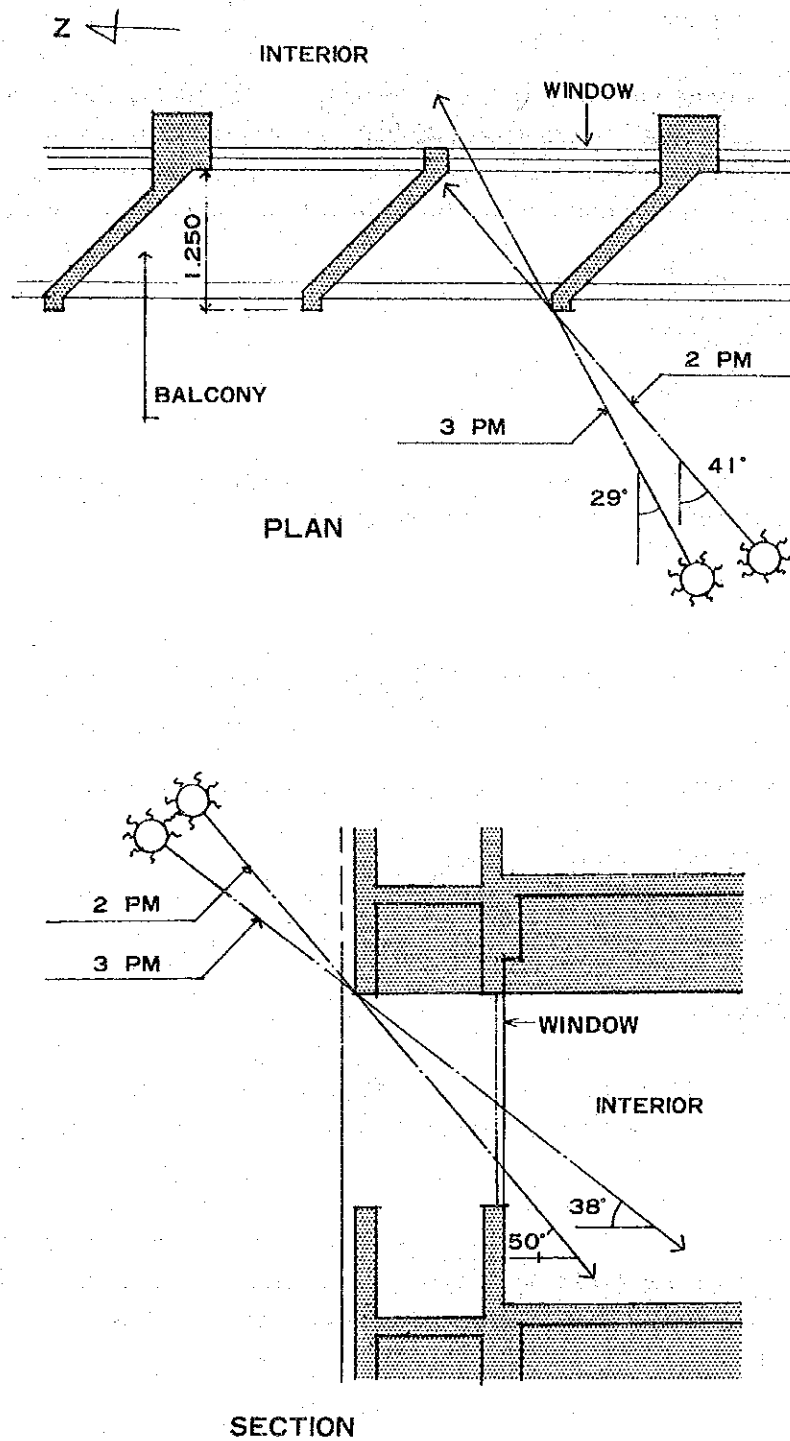


FIG. 3-3 SHADING SCHEME (FEBRUARY 15)

g. Interior Doors

Doors and door frames are mostly timber in the Philippines. Their construction quality is quite high, and as wooden doors and frames are less expensive than steel or aluminum, except where fireproof or waterproof doors are required, the Center is to have wooden doors.

D. STRUCTURAL

1. General

Structure of the frame is to be as simple as possible to transmit forces to bearing positively, effectively and economically.

2. Framing System

A reinforced concrete rigid framing system is to be adopted for the main structure.

This frame is to be fortified by seismic shearing walls located at critical locations.

Stressed concrete beams (post-tension type) are to be used to span the wide auditorium space.

3. Design Criteria

The structural design method to be used shall be the method which is commonly used in Manila. The method will conform to the American standards UBC, ACI and AISC.

Though the Philippines has a National Structural Code (NSCP) based on these American standards, designs are usually based on the American standards. The ultimate strength design (ACI 318-77) commonly used at present is to be employed.

4. Design Loads

a. Live Loads

The following live loads conforming to the NSCP regulations are to be applied:

<u>Room</u>	<u>Live Load</u>
Offices	300 kg/m ²
Reference library	625
Training rooms	300
Auditorium	500
Corridors, lobbies, stairs	500
Toilets	300

b. Seismic Forces

The seismic forces applied to the buildings shall be calculated by the following equation based on the NSCP regulation:

$$V = ZKCW$$

- where
- V : base shear
 - Z : coefficient determined by the region and foundation.
Z = 1.4 shall be assumed. (See Figure 3-4)
 - K : coefficient determined by the structural form. K = 0.8 shall be assumed. (Rigid frame structure with shear walls)
 - C : coefficient to be determined by the typical period (T) of the building, $C = 0.005 / \sqrt[3]{T}$ is assumed. Roughly calculated, $T = 0.05 \text{ hm} / \sqrt{D}$.

hm: building height

D: building length over which seismic forces act

$$T: 0.05 \times 40 / \sqrt{280} = 0.12$$

$$C: 0.005 / \sqrt[3]{0.12} = 0.101$$

W : Total weight of building

Based on the foregoing, the base shear coefficient shall be:

$$ZKC = 1.4 \times 0.8 \times 0.101 = 0.113$$

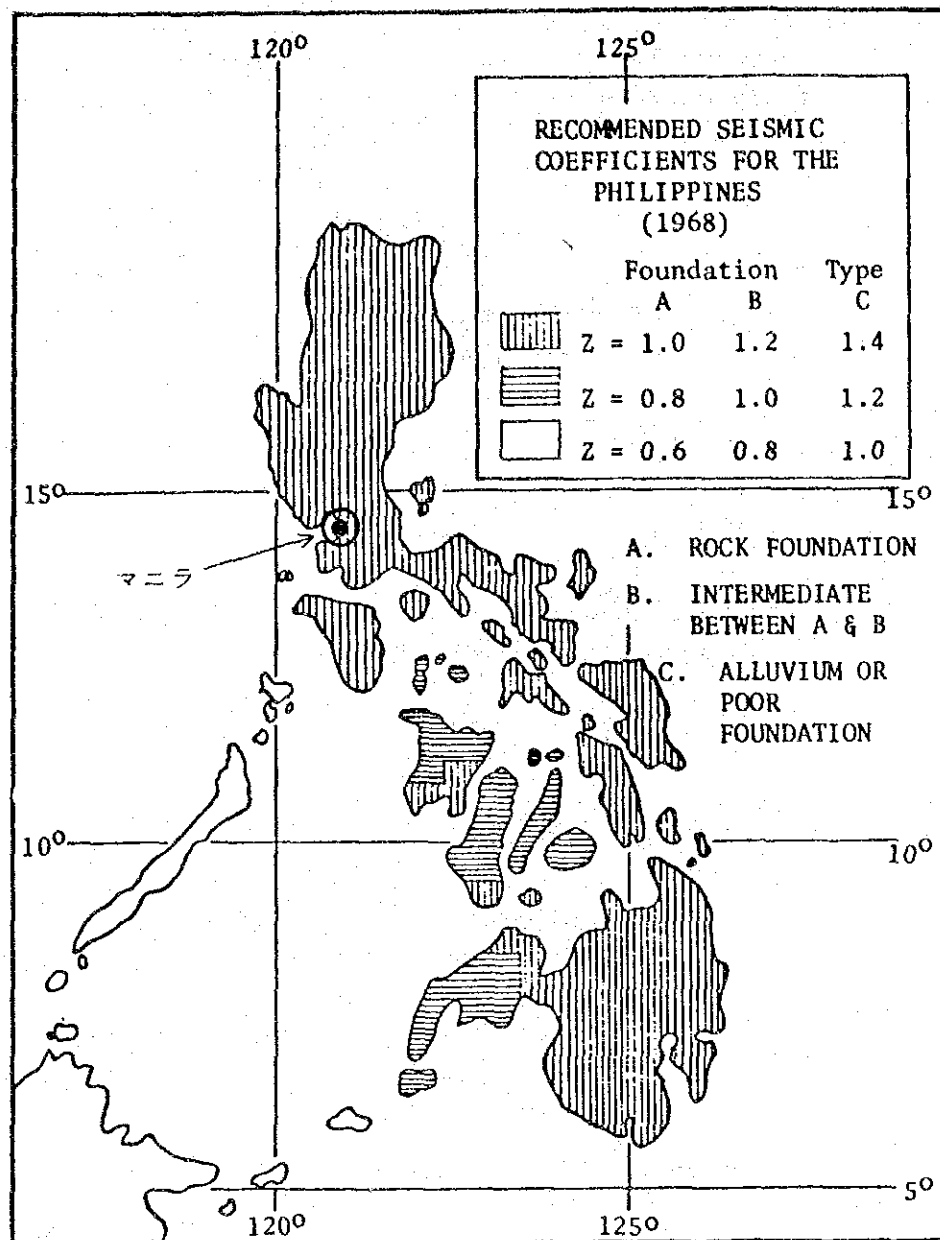


FIG. 3-4 SEISMIC COEFFICIENTS

c. Wind Loads

Wind loads acting on the buildings shall be decided in accordance with NSCP. As Manila belongs to Area-II, wind pressure coefficients for Area-II shall be applied. (See Figure 3-5 and Table 3-1).

HEIGHT ZONE IN FEET	WIND-PRESSURE-MAP AREA		
	AREA-I	AREA-II	AREA-III
Less than 30	30 psf	20 psf	10 psf
30 to 50	40 psf	30 psf	20 psf
50 to 100	50 psf	35 psf	25 psf
100 to 500	60 psf	40 psf	30 psf
500 to 1200	70 psf	45 psf	35 psf
over 1200	80 psf	50 psf	40 psf

TABLE 3-1 WIND PRESSURE COEFFICIENTS

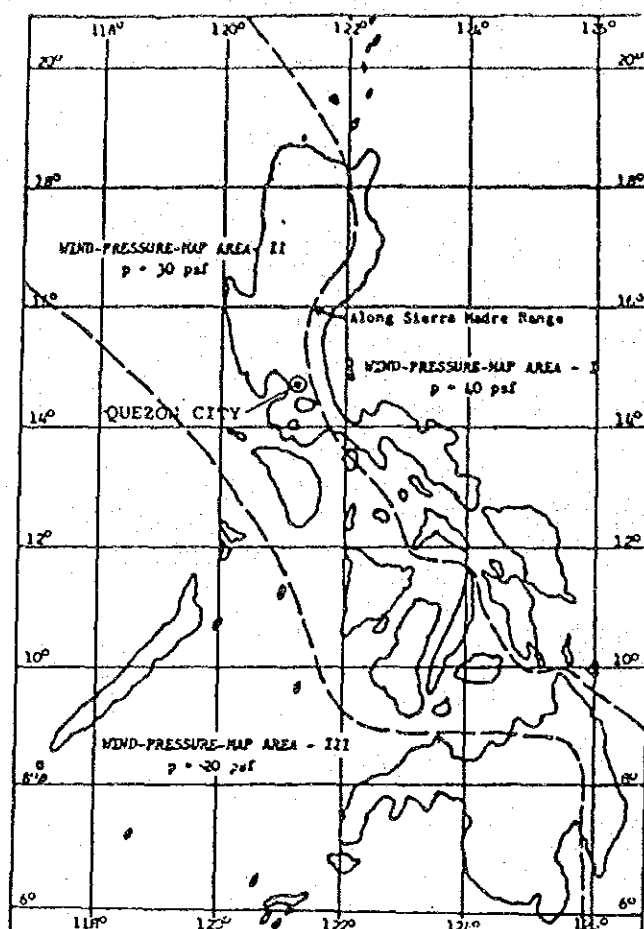


FIG. 3-5 WIND-PRESSURE MAP

E. UTILITIES

1. General

In principle, items for which officially established or recognized technical specifications exist in the Philippines, are to be designed in accordance with such technical specifications. Japanese technical specifications are to be applied for such items for which technical specifications cannot be found in the Philippines.

The building shall be designed for inexpensive maintenance, operation and for safety. Efforts shall be made to incorporate energy-saving features, and the feasibility of adapting high-efficiency equipment and optimum systems shall be fully examined to attain low energy consumption level.

Consideration shall also be given to flexibility to accommodate diversified needs which are inherent in the nature and purpose of this facility.

Equipment to be installed in this Center is to include the following:

- Air-conditioning and ventilation equipment
- Water supply, drainage, and sanitary equipment
- Electrical equipment
- Lift for disabled persons and book handling
- Disaster prevention facilities

2. Air Conditioning and Ventilation

a. General

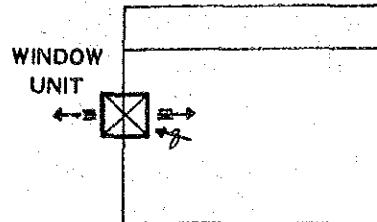
Except for the lobby, corridors, etc., all living quarters are to be equipped with cooling equipment or provisions therefor as far as the budget permits. As the nature of the work in this Center requires mental activity in almost all the rooms, cooling is considered to be eventually indispensable.

b. Cooling

As the mode of operation of this Center necessitates different operating time bands and different operating objectives, a centralized cooling system is considered unsuitable. Each room shall desirably be equipped with independent cooling systems which can be controlled independently. The following four types of room cooling systems are to be selectively installed in the rooms in accordance with their use and size.

(1) Window mounting type:

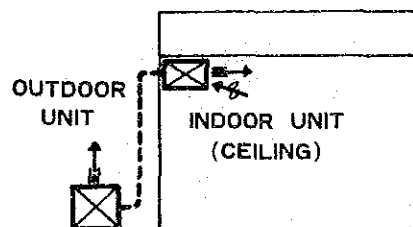
For comparatively small rooms with one wall facing the exterior, and where low noise is not a requisite.



(2) Split ceiling mounting type:

For rooms where low noise is a requisite, two or more units shall be installed if the size of the room requires.

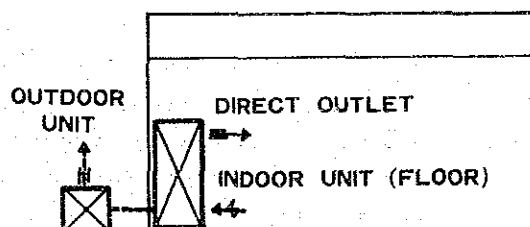
Example: Private offices.



(3) Split floor mounting type:

For comparatively large rooms where ducting is not required.

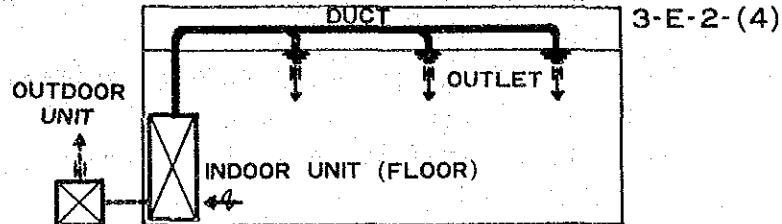
Example: Dining room.



(4) Split floor mounting air ducting type:

For large rooms where ducting is required.

Example: Auditorium, Library



All four types shall be air-cooled types. Water cooled system is considered disadvantageous because of the extra requirements for water piping, cooling towers, water quality controller, etc., which make the system complicated and increases maintenance expenses.

Automatic control shall be completely electrically operated, and components of high reliability shall be used. Rooms cooled by ducted air shall be controlled with room thermostats, and other rooms by insertion type thermostats.

c. Ventilation

Natural ventilation shall be utilized as far as possible. However, lavatories and kitchens which do not face the exterior are to be provided with venting fans.

Assembly rooms are to be provided with discharge fans to eliminate air contamination by tobacco smoke.

3. Plumbing

a. Water Supply

Water supply to the Center shall be taken from the water main (8" — 200 mm dia.) to the AIT on the adjacent site.

As direct domestic supply is impossible due to seasonal pressure deviations, water is to be received first in a reservoir having a capacity corresponding to the one-day consumption volume, pumped to an elevated tank having a capacity corresponding to 1/5 the one-day volume, and from there, supplied to the respective consumption ends by gravity.

The capacity of the receiving reservoir and the elevated tank shall be sufficient to supply the minimum quantity (mainly for lavatory flushing) even during daytime supply stoppage in the dry season, and power failure of short durations.

The lift pumps are to be connected to a motor driven emergency generator for operation during brownouts of long duration.

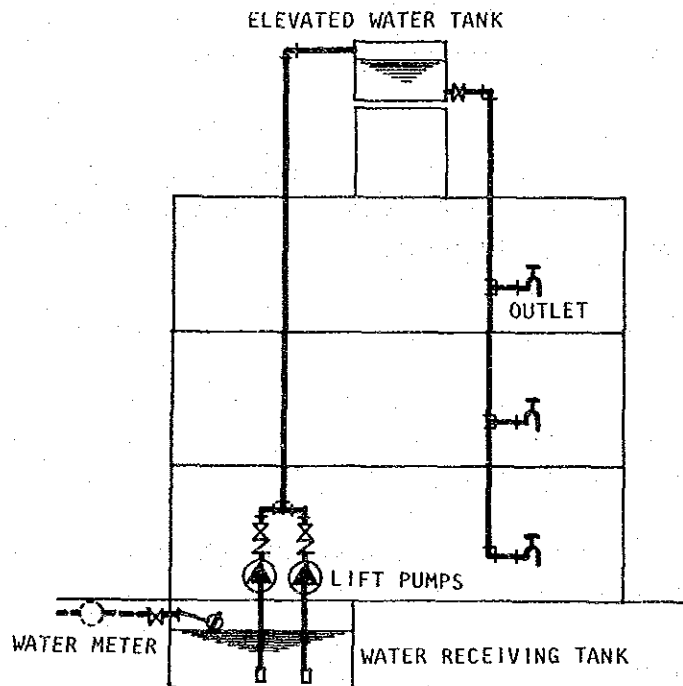


FIG. 3-6 WATER SUPPLY SYSTEM DIAGRAM

b. Drainage

Sewage and miscellaneous effluent shall be discharged by separate systems within the building. Outside the building, sewage shall be treated in a septic tank and discharged together with the miscellaneous effluent.

Rain water shall be discharged through a separate system.

c. Kitchen Equipment

Kitchen equipment shall be provided for the cafeteria and for the staff dining-room.

Equipment shall be selected to enable preparation of both Philippine and European style dishes, and light meals and snacks.

Kitchen equipment shall be selected from types widely used in the Philippines with consideration given to convenience of use. For heating, electricity and propane gas shall be selectively used to suit applications.

For propane gas supply, each gas burner shall be supplied by individual bottles installed outside the kitchen.

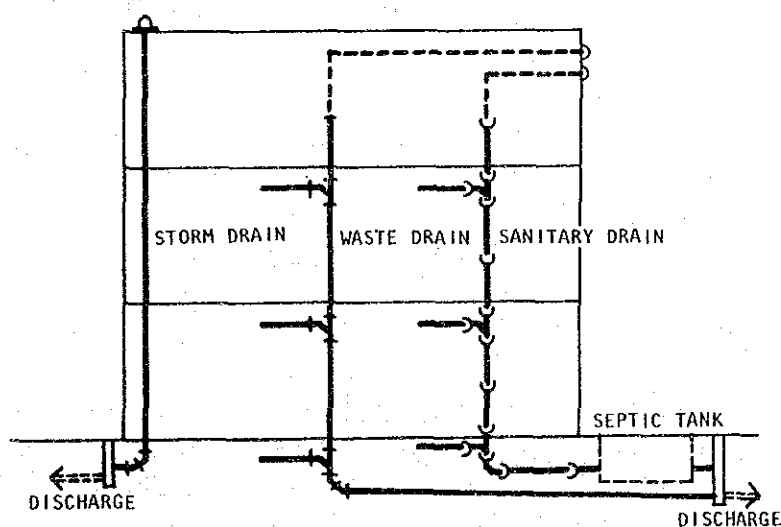


FIG. 3-7 DRAINAGE SYSTEM DIAGRAM

4. Electrical

a. Feeder Equipment

Commercial power of 230 V 60 Hz, 3 ϕ – 3W will be supplied from a transformer to be installed by the power company (MERALCO) in the transformer vault room or on a pole. The power will then be supplied to a switch board to be installed in the machine room on the first floor, and be fed via distribution boards to power control panels installed on each floor (220V 60Hz, 3 ϕ – 3W).

b. Power Supply Equipment

Power control panels for operation and control of water supply, ventilation, cooling, and other facilities will be installed at appropriate places, wired in conduit.

c. Emergency Generator

An emergency motor driven generator, approximately 20 KVA is to be provided. Emergency evacuation lights and water lift pumps are to be made operable by this generator during brownouts. The lift for disabled persons may also be brought to the nearest level by this standby source of power.

d. Lighting Fixtures and Convenience Outlets

Fluorescent lights will be primarily used, with some incandescent lights. To save energy, acrylic covers will not be used on lighting fixtures as a rule.

The standard illumination level shall be 300 to 400 lux on a desk in offices.

Wall socket outlets for 1 ϕ – 220V shall be installed in all rooms.

e. Telephone Conduits

A telephone terminal panel will be installed in the telephone switchboard room on the first floor. Telephone conduits and outlets will be installed so that telephone sets can be installed in the rooms via telephone terminal panels installed on each floor.

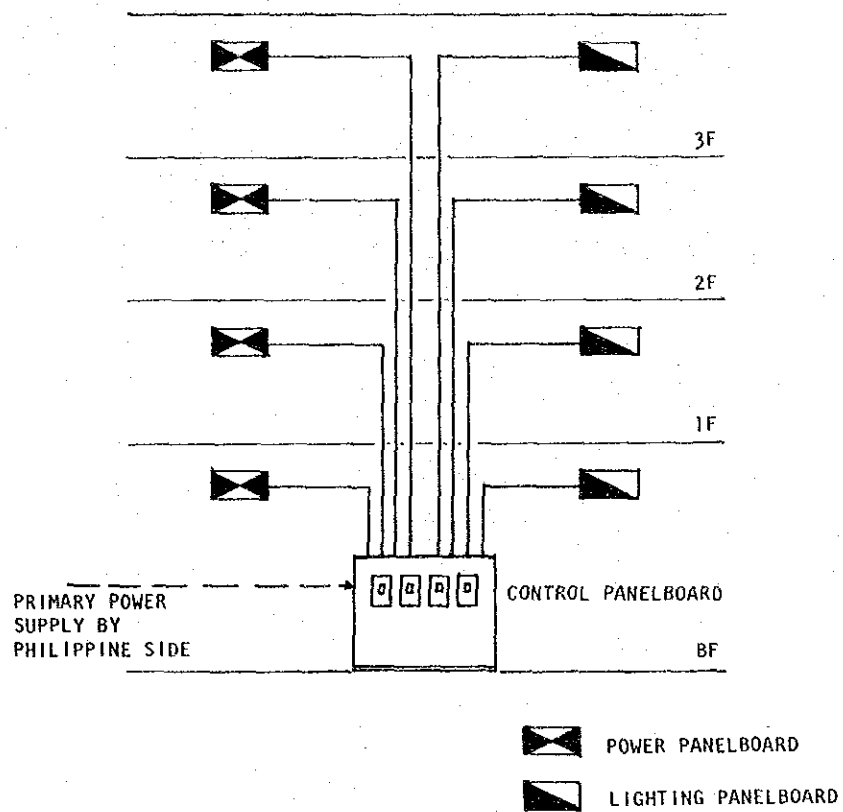


FIG. 3-8 POWER SUPPLY DIAGRAM

f. TV and FM Receiving Equipment

TV and FM antennas will be installed on a tower on the roof of the buildings, and TV and FM outlets will be installed in the cafeteria, staff dining room, audio-visual room, auditorium, and other places as appropriate.

5. Lift for Disabled Persons and Book Handling

A lift for physically handicapped persons who must utilize wheelchairs is to be provided. The lift is to meet the specifications of JIS-A-4301 with vertical speed of 45 m/min and size of cage 1.4 x 1.35 m.

The lift is to serve all levels, basement floor to the 3rd floor, and is to be utilized also for transporting books between ground and 2nd floors.

The lift is to be connected to the emergency generator so that it can be brought to the nearest landing in case it stops in between floors due to brownouts.

6. Fire Protection

a. Fire Hydrants

The disaster prevention facilities of this Center shall be designed in accordance with the Fire Code of the Philippines.

b. Fire Extinguishing System

As the floor of the top story is less than 15m above the ground level, no sprinkler shall be installed in the building.

Indoor hydrants (NFPA type) without pumps and water tanks shall be installed in all three stair wells. In each stair well, one independent riser system shall be installed each with Siamese connection.

c. Automatic Fire Alarm Equipment

Thermal and smoke detectors shall be installed as appropriate, and an alarm display panel shall be installed in the guard room.

A fire alarm bell and alarm pushbutton shall be installed in a box next to the hydrant on each floor.

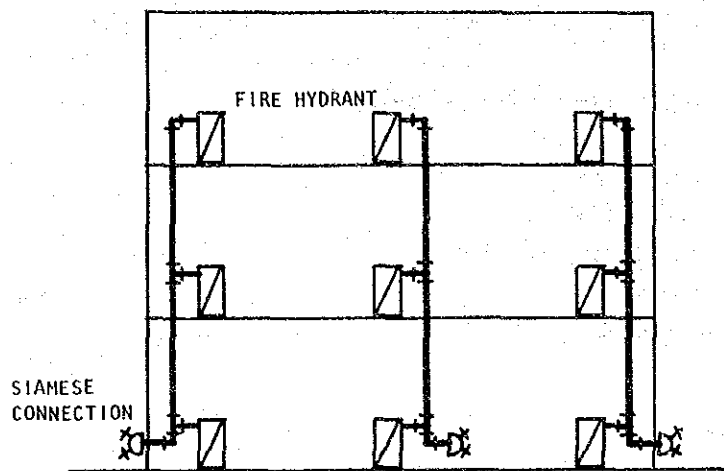


FIG. 3-9 FIRE HYDRANT SYSTEM DIAGRAM

F. EQUIPMENT

The following equipment and furniture are to be furnished:

1. Central Subscription Service Office

- (1) Offset press
- (2) Hand guillotine
- (3) Folding machine
- (4) Book stitcher
- (5) Dry copier

2. PSSC Office

- (1) Office desks and chairs
- (2) Sofas, chairs, and tables

3. Reference Library

- (1) Steelbook cases
- (2) Book index card cases
- (3) Reading table and chairs

4. Auditorium

- (1) Chairs and tables (collapsible)
- (2) Lecture stand
- (3) Audio system
- (4) Screen

5. Audio/Visual Seminar Room

- (1) Overhead projector
- (2) 35 mm slide projector
- (3) Screen
- (4) Blackboard and notice board
- (5) Chairs

6. Training Rooms

- (1) Blackboards and notice boards
- (2) Chairs

7. Cafeteria

- (1) Kitchen equipment
- (2) Tables and chairs

G. TABULATION OF APPROXIMATE FLOOR AREAS

1. Size of Facilities

a. Floor Areas

	Area
BASEMENT FLOOR	9664 m ²
GROUND FLOOR	1,710
2ND FLOOR	1,684
3RD FLOOR	1,265
TOTAL	5,625 m ²

b. Room Areas

(1) Basement Floor

Area	Room	Floor Area
Auditorium	Seating	289 m ²
	Stage	76.5
	Lobby	45
	Dressing Room	36 (2 rooms)
Appurtenant Rooms	Machine Room	85.5
	Workshop	49.5
	Pax	13.5
	Kitchen facilities	80.5
Total		675.5 m ²

(2) Ground Floor

Area	Room	Floor Area
Central Subscription Service	General Office	155 m ²
	Office	22.5
	Storage	52
Cafeteria	Cafeteria	155
	Kitchen	63
	Staff Dining	63
Training	Training room (1)	58.5
	Training room (2)	58.5
	Training room (3)	58.5
	Training room (4)	58.5
	Seminar room	94.5
Total		839.0 m ²

(3) 2nd Floor

Area	Room	Floor Area
PSSC Secretariat	General Office	450 m ²
	Conference Room	33.5
	Director	30
	Assistant Director	22.5
	Education Services	22.5
	Research Network Coordinator	22.5
	Office	22.5
	Office	22.5
	Cashier	22.5
Reference Library	Reading	223
	Library Counter	13.5
	Librarian	15.5
	Stacks	182
	Work Room/Storage	40.5
Computer Center	Computer Room	40.5
	Vault	13.5
	Verifier/Sorter	74
	Storage	12.5
	Office	22.5
Total		1,286.0 m ²

(4) 3rd Floor

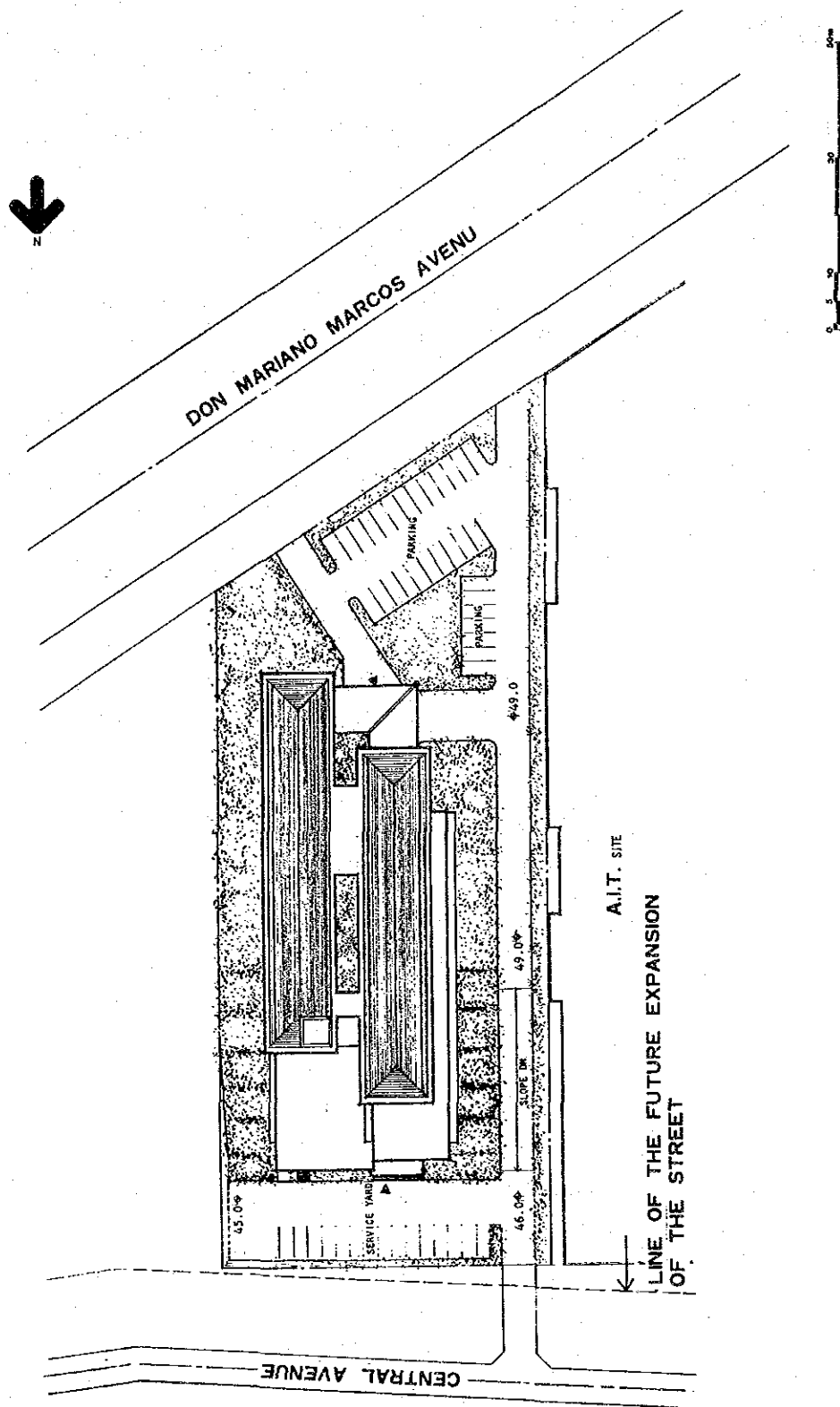
Area	Room	Floor Area
Member Organizations	Offices	
	10 Rooms	317 m ²
	Utility Room	5.5
Associate Members	Offices	
	10 Rooms	290
	Conference Room	40.5
	Utility Room	5.5
Total		658.5 m ²

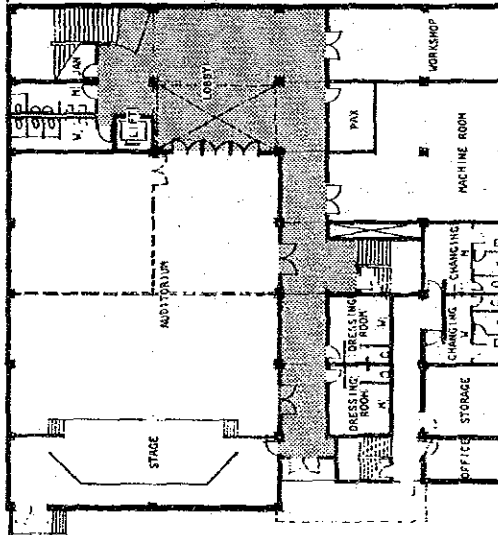
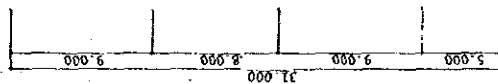
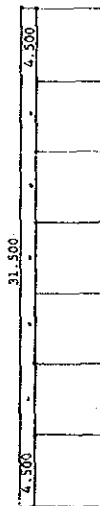
BASIC DESIGN DRAWINGS

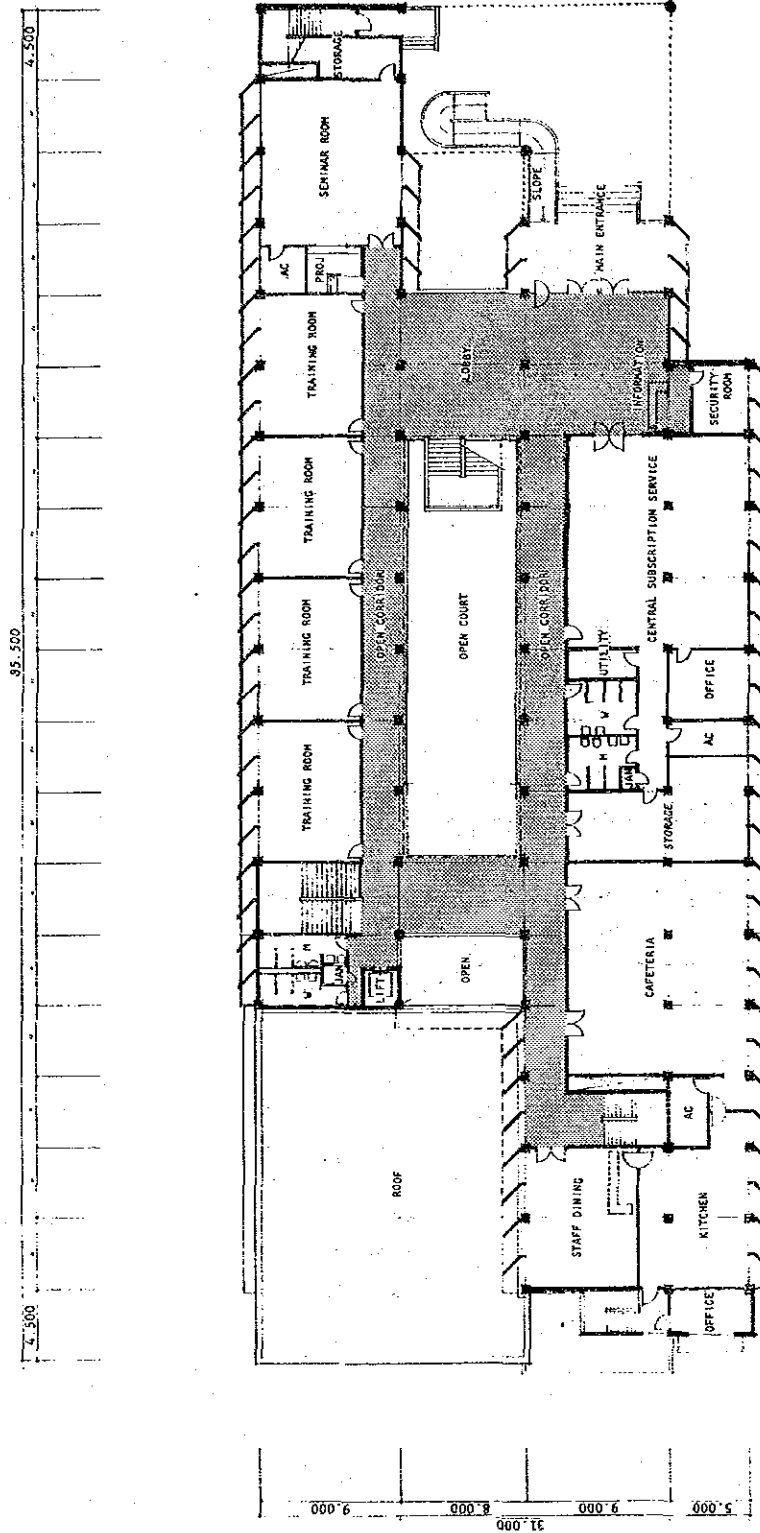
CHAPTER 4 BASIC DESIGN DRAWINGS

The following are the basic design drawings for this Center.

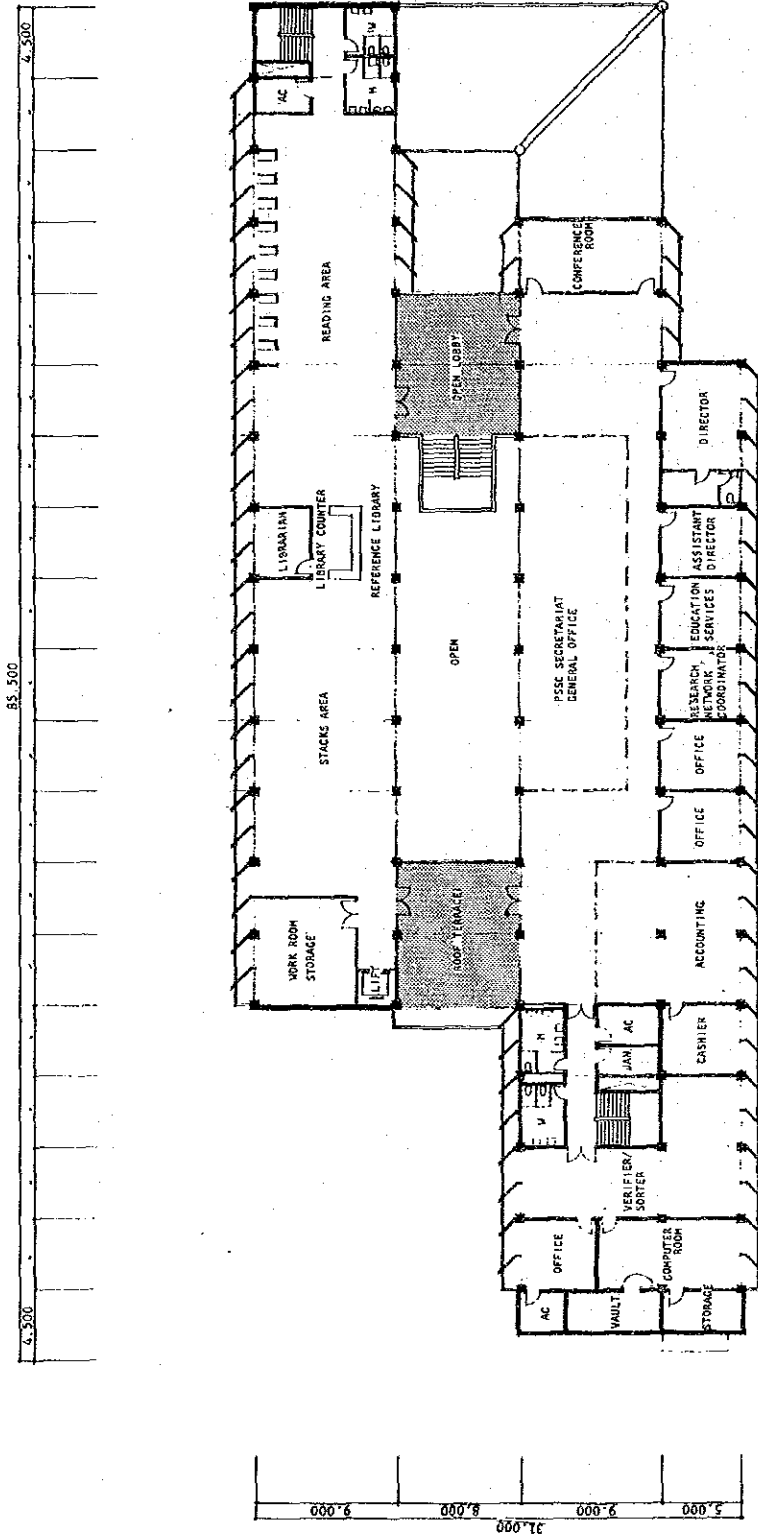
1. Site Plan
2. Basement Plan
3. Ground Floor Plan
4. 2nd Floor Plan
5. 3rd Floor Plan
6. Elevations 1
7. Elevations 2
8. Sections

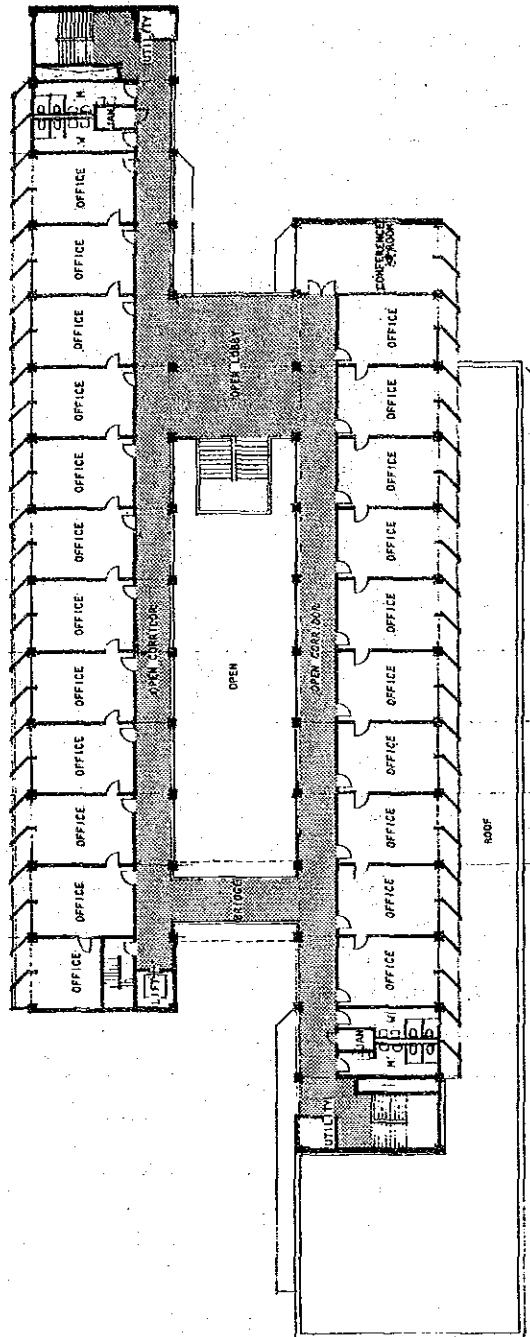
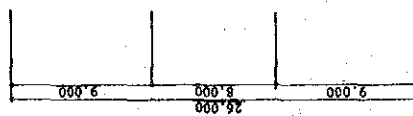


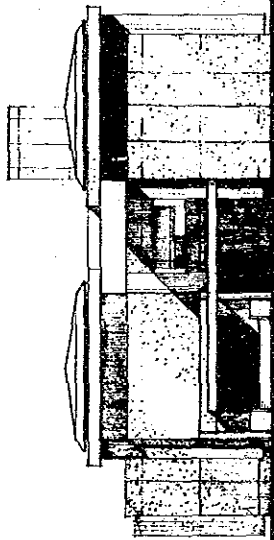




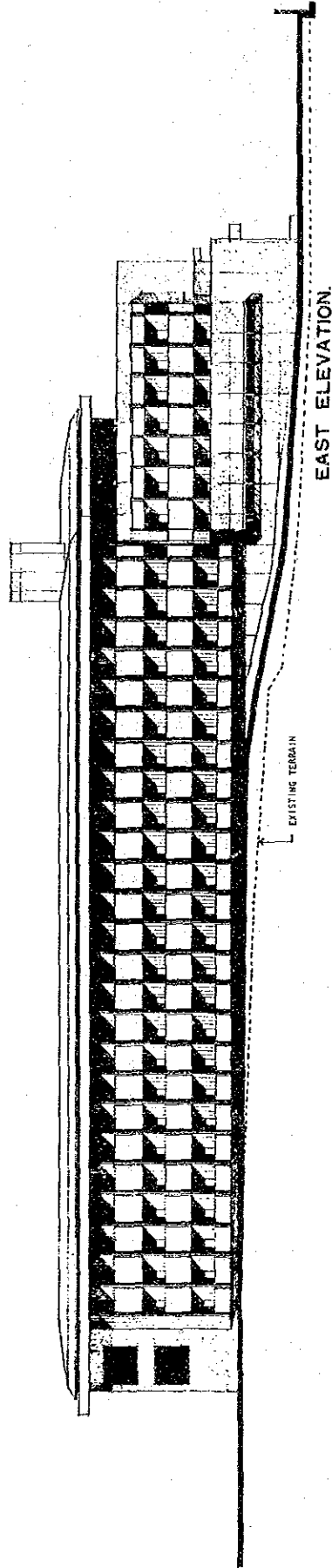
GROUND FLOOR PLAN





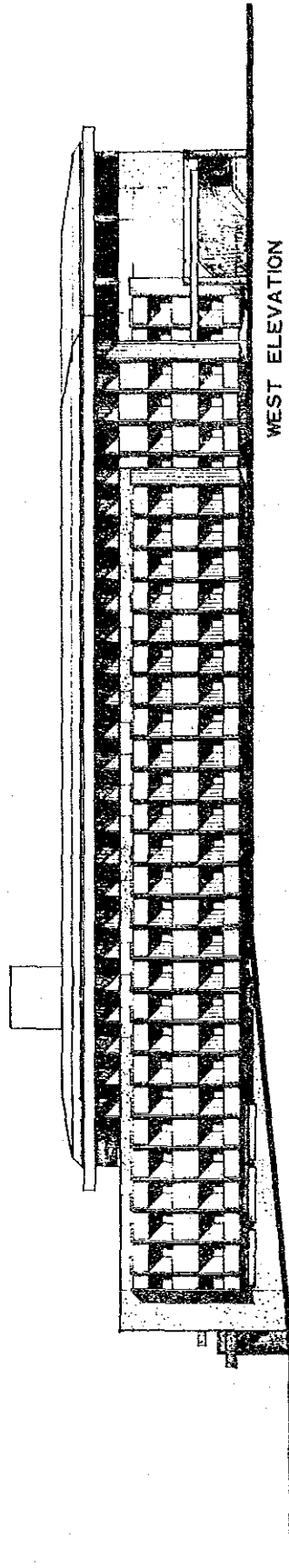
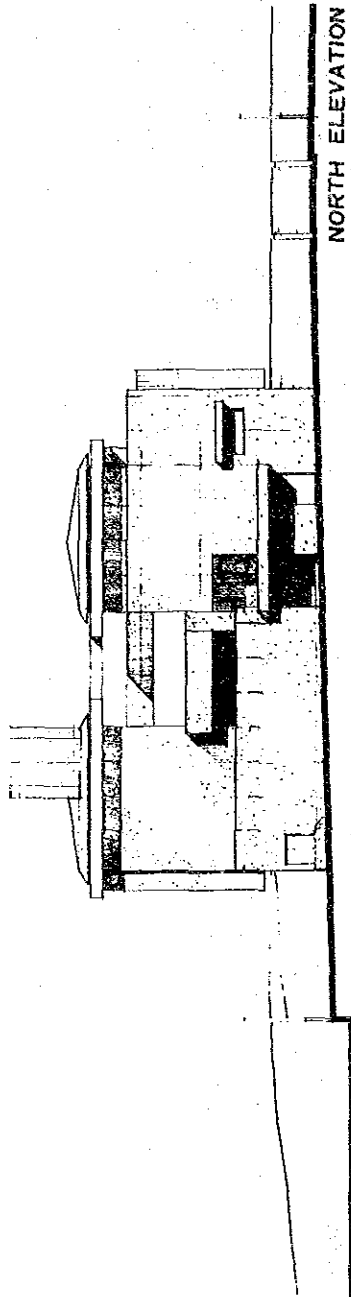


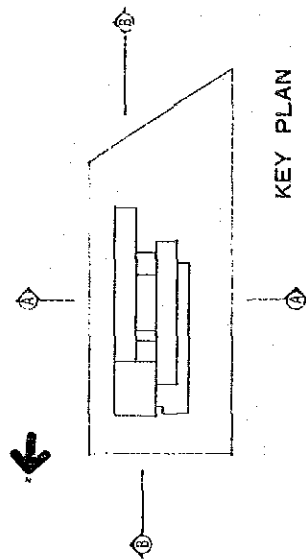
SOUTH ELEVATION



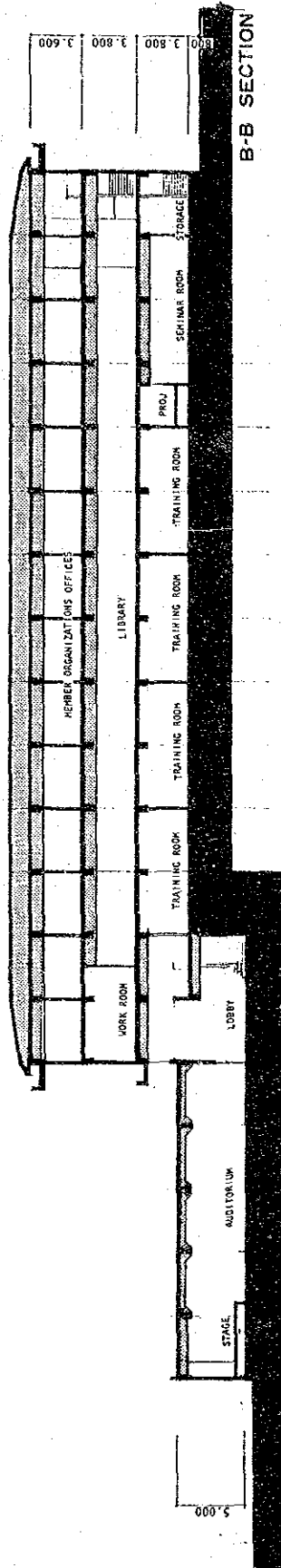
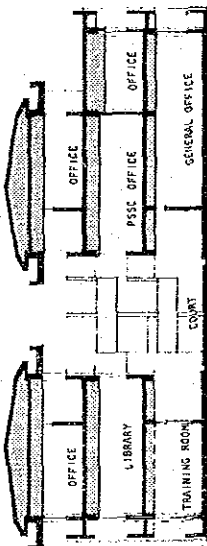
EAST ELEVATION







3.600	3.800	3.800	3.800	3.600
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PROJECT IMPLEMENTATION

CHAPTER 5 PROJECT IMPLEMENTATION

A. SCOPE OF WORK

1. The Government of Japan shall prepare or build the following items in conjunction with the construction of this Center:

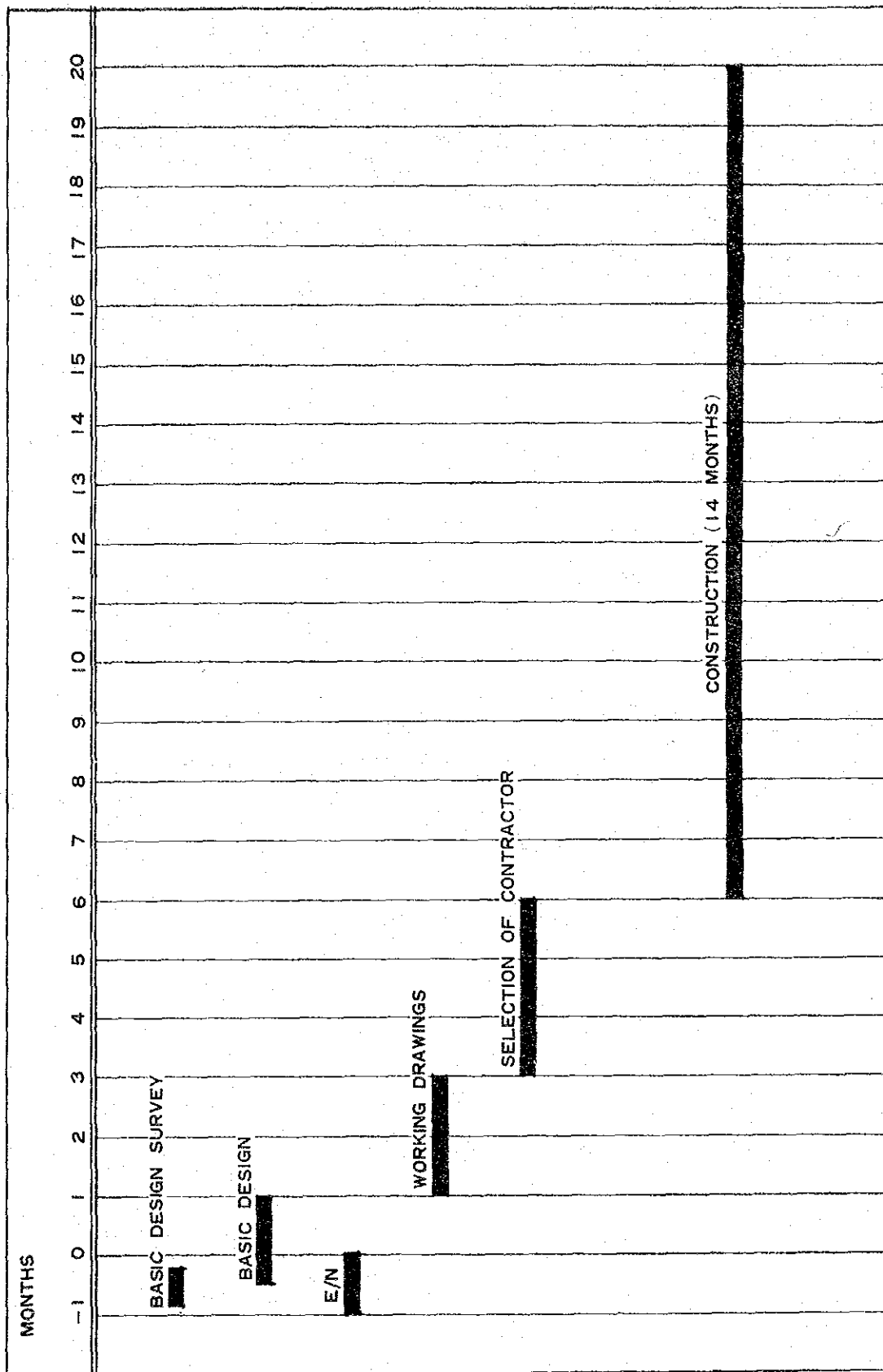
- a. Main building frame and finish.
- b. Water supply, drainage, sewage and related equipment within the building.
- c. Air conditioning and ventilation equipment and related works within the building.
- d. Electrical equipment and related works within the building including emergency generator.
- e. Lift for disabled persons and book handling.
- f. Firefighting and fire alarm equipment and related works within the building.
- g. Telephone conduit works within the building.
- h. External works within one meter from external walls of the buildings including piping and other connections.

2. In conjunction with the building of this Center, the Philippine Government will undertake the following:

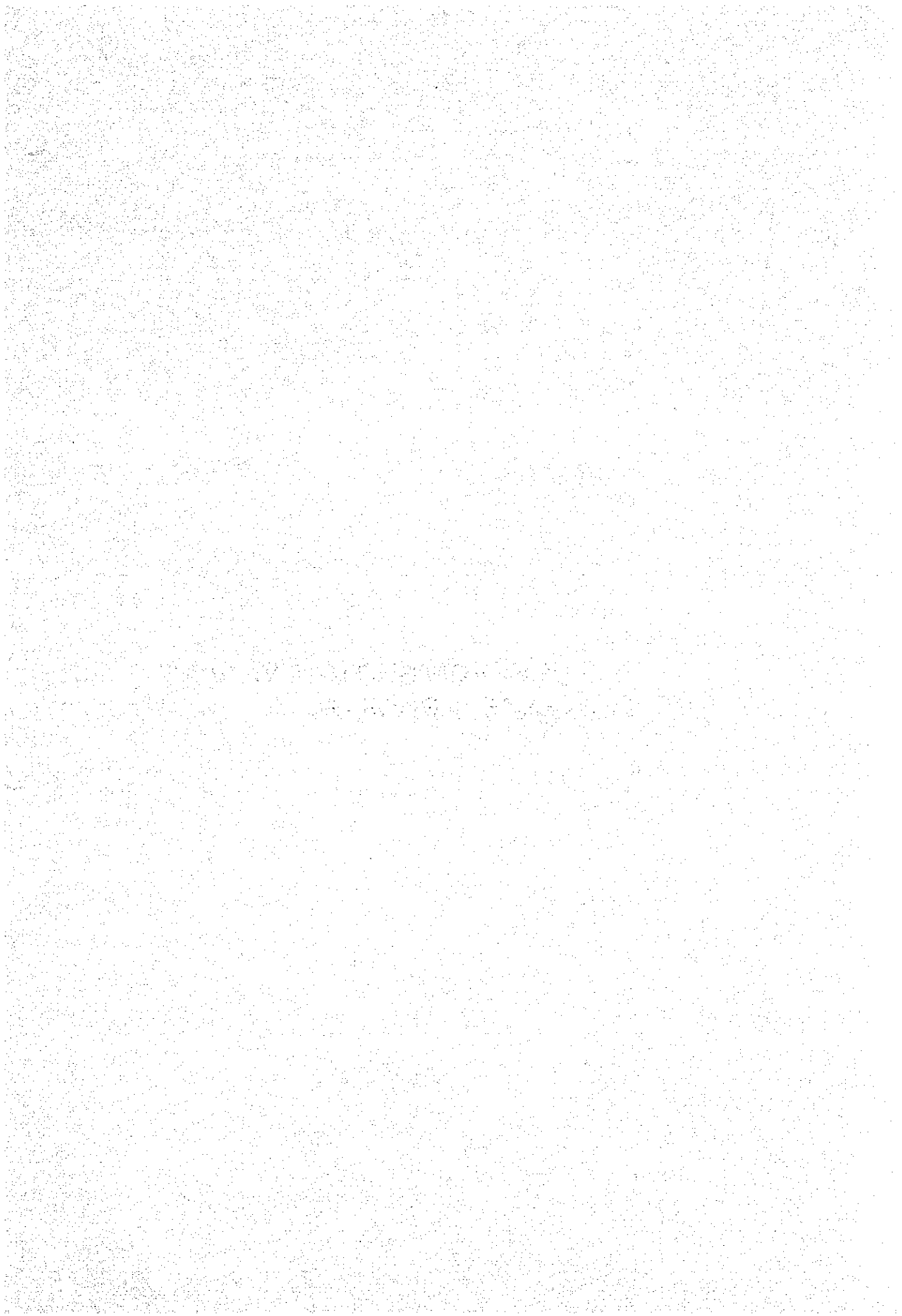
- a. Land grading and preparation of the site for construction of the Center.
- b. Supply of utilities needed for the Center.
 - (1) Installation of water supply up to the Center.
 - (2) Installation of exterior drainage main including a septic tank from the Center.
 - (3) Electric power supply to the Center.
 - (4) Telephone equipment and wiring works.

- c. All external works such as site roads, parking lots, gates and fences, gardens, etc. further than one meter from the building walls.
- d. Furnishings other than those supplied by the Japanese Government.
- e. Electric power and water system up to the site for construction works.

B. IMPLEMENTATION SCHEDULE



FUTURE ADMINISTRATIVE AND MAINTENANCE PROGRAM



CHAPTER 6 FUTURE ADMINISTRATIVE AND MAINTENANCE PROGRAM

A. STAFF PLANNING

Future organization after construction of the PSSCenter is as shown in Table 6-1. Assigned number of staff, Executive Director and others, is 30 persons.

a. Administrative:

	<u>No. of Persons</u>
1. Administrative Officer	1
2. Accounting Cash and Records	6
3. Secretarial Pool	6
4. Building Manager	1
5. Maintenance and General Services	4
6. Janitorial Services	(By others)
7. Cafeteria	(By others)

b. Publishing:

1. Central Subscription Service	1
2. Member Organization Journals	2
3. Other (Non-PSSC) Social Science Publications	1

c. Research-Coordination:

1. Program Coordinator	1
2. PSSC Publication	2
3. Other Programs	2
4. Research Consortia Coordinator	1
5. Research Consortium and Research Network	1

FUTURE ORGANIZATIONAL CHART OF THE PSSC SECRETARIAT
(AFTER CONSTRUCTION OF PSSCENTER)

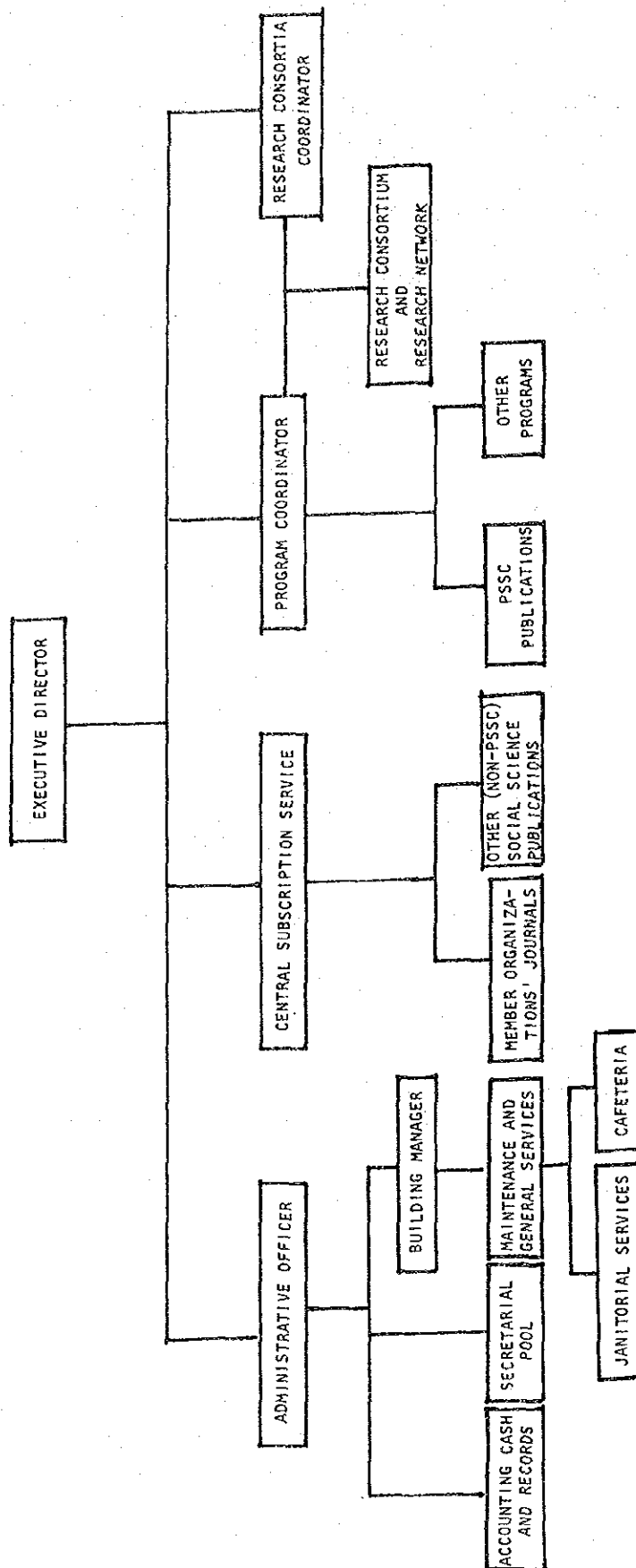


TABLE 6-1

B. FINANCIAL PROGRAM

The PSSC receives financial support from both Philippine and foreign institutions. The major ones have been:

- The National Economic and Development Authority (NEDA)
- The National Science and Development Board (NSDB)
- The Fund for Assistance to Private Education (FAPE)
- The Ford Foundation (FF)

The NSDB granted tax-exempt foundation status to the PSSC upon its incorporation in 1968. Other donors to the PSSC include:

- The United Nations Educational Scientific and Cultural Organization (UNESCO)
- The Agricultural Development Council
- The Institute of Development Economics
- The Japan Center for International Exchange
- The Asia Foundation

Since its incorporation, the PSSC has raised over P7 million. This support shows the growing recognition of PSSC's role with increasing evaluation thereof.

After construction of this Center, in addition to these supports, Projected Income Statements have been prepared as shown in Table 6-2.

PHILIPPINE SOCIAL SCIENCE CENTER
PROJECTED INCOME STATEMENTS
YEAR 1 TO 5

R E V E N U E S	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
Interest earned from investments	P 988,000.00	P 1,383,200.00	P 1,936,400.00	P 2,711,100.00	P 3,795,500.00
Office rental	1,022,300.00	1,389,000.00	1,389,000.00	1,389,000.00	1,389,000.00
Classroom rental	72,000.00	72,000.00	72,000.00	72,000.00	72,000.00
Auditorium rental	81,000.00	81,000.00	81,000.00	81,000.00	81,000.00
Cafeteria income	16,500.00	24,200.00	24,200.00	24,200.00	24,200.00
Administrative income	30,000.00	40,000.00	50,000.00	60,000.00	70,000.00
T o t a l	2,220,600.00	2,989,400.00	3,552,600.00	4,347,300.00	5,431,700.00
E X P E N S E S					
Salaries and wages	498,000.00	672,300.00	907,600.00	1,225,200.00	1,654,100.00
Employee benefits	149,400.00	201,600.00	272,200.00	367,500.00	496,200.00
Electricity and water	272,100.00	349,200.00	349,200.00	349,200.00	349,200.00
Real property taxes	76,800.00	101,600.00	101,600.00	101,600.00	101,600.00
Building repairs and maintenance	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
Janitorial and security expenses	61,200.00	61,200.00	61,200.00	61,200.00	61,200.00
Insurance	18,200.00	24,200.00	24,200.00	24,200.00	24,200.00
Depreciation	718,750.00	938,900.00	938,900.00	938,900.00	938,900.00
Office and store supplies	95,300.00	123,800.00	160,900.00	209,100.00	271,800.00
Telephone, telegraph, postage, cables	31,800.00	34,900.00	38,300.00	42,100.00	46,300.00
Professional and trust fees	44,500.00	53,400.00	64,000.00	76,800.00	92,200.00
Transportation, gasoline and lubrication	17,700.00	24,800.00	34,700.00	48,600.00	58,300.00
Representation and meeting	44,000.00	59,400.00	80,200.00	108,200.00	129,900.00
Miscellaneous	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00
T o t a l	2,137,700.00	2,755,300.00	2,999,000.00	3,602,600.00	4,333,900.00
N E T I N C O M E	P 82,900.00	P 234,100.00	P 553,600.00	P 744,700.00	P 1,097,800.00

TABLE 6-2

EVALUATION OF THE PROJECT

CHAPTER 7 EVALUATION OF THE PROJECT

The PSSC activities started in 1968 with the aim of acquiring and developing human resources in the field of social science in the Philippines. Though considerable achievements have been made programs for each activity could have been conducted much more efficiently if adequate facilities were available.

Construction of this Center will enhance its activities and contribute to the development in each field of the social science. Research achievements of the activities will be reflected in the governmental and business sectors and will serve as an aid to social upgrading in the Philippines.

By establishment of this Center the following achievements in PSSC activities will be attained.

1. By providing offices for regular and associate members, the constituents of the Executive Board which determines policies for the PSSC activities, effective operation can be realized by holding member meetings as required and by convenient exchange of information among members.
2. Programs of the PSSC activities are worked out and coordinated by the PSSC Secretariat. By providing required floor spaces, number of its staff will be increased from 12 to 30 persons in accordance to the staffing schedule.
3. Central Subscription Service is an important element in the PSSC activities. By provision of facilities, increase of social science publications can be achieved, and finally it will be possible to comply with the desire of promoting the facilities to be the center of social science publications in the Philippines.
4. By provision of Auditorium, training and seminar facilities, seminars, conferences, lectures, symposia and training sessions under PSSC programs of Research Dissemination and Research Utilization can be held without renting other facilities. Gatherings and conferences of related councils in which the PSSC participates can be invited and sponsored in the Center.
5. Computer center and library provided will enable acquisition, processing and accumulation of social science information, and will become a valuable source of information for social scientists.

Operative and maintenance costs which will be required when the Center commences its operation, will be met by revenues from endowments, rental fees from offices, training rooms, auditorium, cafeteria, etc. The balance between revenue and expenditures is expected to improve over the years as shown in Chapter 7.

As to appropriations for activity programs, continued and increasing contributions from past donators as well as from new sources must be cultivated to support the *increased activities of the PSSC*.

CONCLUSIONS AND RECOMMENDATIONS

CHAPTER 8 CONCLUSIONS AND RECOMMENDATIONS

1. The establishment of the Philippine Social Science Center is in compliance with the high priority request of the Government of the Philippines.
2. The establishment of the Center is justified in that it is destined to play a vital role in promoting social science activities and to contribute to the elevation of academic and applied knowledge in field of social sciences.
3. The proposed Center is to provide under one roof adequate facilities to house its scattered functions and activities and to become a central location for academic research, dissemination and cultural activities in the area of social sciences of the Philippines and neighbouring countries.
4. During the course of constructing and equipping the Center, full cooperation and understanding will be required between Japanese and Philippine counterparts in harmonizing procedures and activities. Special attention and due measures will be required of both sides in order to complete the project within the established time limit in spite of the long rainy season.
5. Due to the non-commercial nature of the Center, its staffing, operation and maintenance will become an additional financial burden to PSSC. It has however been confirmed that PSSC and the Government of the Philippines is prepared in all respects to perform all its portion of responsibilities in the establishment and opration of the center facilities.

APPENDIX

APPENDIX A-1

MINUTES OF DISCUSSIONS


MINUTES OF DISCUSSIONS

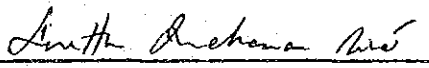
In response to a request by the Government of the Philippines and the Philippine Social Science Council (hereinafter called "PSSC"), the Government of Japan has sent, through the Japan International Cooperation Agency (hereinafter called "JICA") which is an official agency implementing the technical cooperation of the Government of Japan, a team headed by Mr. Kiyoshi Kato of JICA to conduct a basic design survey on the construction of the Philippine Social Science Center Building (hereinafter called the "Project") for 21 days from June 22nd, 1981.


The team had a series of discussions and exchanged views with the officials of PSSC and the Government of the Philippines.

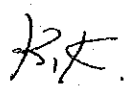
Both parties have agreed to recommend to their respective Governments and the authorities concerned to examine the result of the survey attached herewith toward the realization of the Project.

26 June 1981


KIYOSHI KATO
Head, Japanese Survey Team


LORETTA MAKASIAR SICAT
Executive Director, Philippine
Social Science Council and
Chairman, PSSC Social Science
Center Committee


EDUARDO CORPUZ
Assistant Director General
National Economic and Development
Authority



ATTACHMENT

1. The objective of the Project is to construct a building to accomodate the activities of the Philippine Social Science Council.
2. The proposed Project Site as shown in Annex 11 is part of the University of the Philippines campus at Diliman, Quezon City.
3. The Japanese Survey Team will convey the desire of PSSC and the Government of the Philippines to the Government of Japan that the latter will take necessary measures to cooperate in implementing the Project and will provide the building and other items as listed in Annex 1 within the scope of Japanese economic co-operation in grant form. The building plans for discussion are shown in Annex 111.
4. PSSC and the Government of the Philippines will take necessary measures on condition that the grant assistance by the Government of Japan is extended to the Project:
 - a) to provide data and information necessary for the design and the construction
 - b) to secure the Project Site
 - c) to clear, fill and level the Project Site as needed before the start of construction
 - d) to provide other items listed in Annex 1V
 - e) to ensure prompt unloading and customs clearance in the Philippines of imported materials and equipment for the construction and also to facilitate the internal transportation for them
 - f) to assume, by itself or through its executing agency or instrumentality, all customs duties, internal taxes and other fiscal levies which may be imposed in the Republic of the Philippines on Japanese nationals with respect to the supply of the products and services under the Verified Contracts
 - g) to provide and accord necessary permissions, licenses and other authorizations required for carrying out the Project.

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ANNEX 1

Items requested by the PSSC and the Government of the Philippines, whose costs are to be borne by the Government of Japan, are indicated in priority order as follows:

1. Building and Facilities

a. First priority

- 1) Offices of the Philippine Social Science Council
- 2) Offices of the Central Subscription Service
- 3) Computer Center
- 4) Offices of member organizations of the Council
- 5) Offices of associate member organizations
- 6) Reference Library
- 7) Classrooms and audio-visual/seminar room
- 8) Auditorium
- 9) Building services
- 10) Cafeteria

b. Second priority

- 1) Main lobby and auxiliary lobbies

2. Equipment

a. First priority

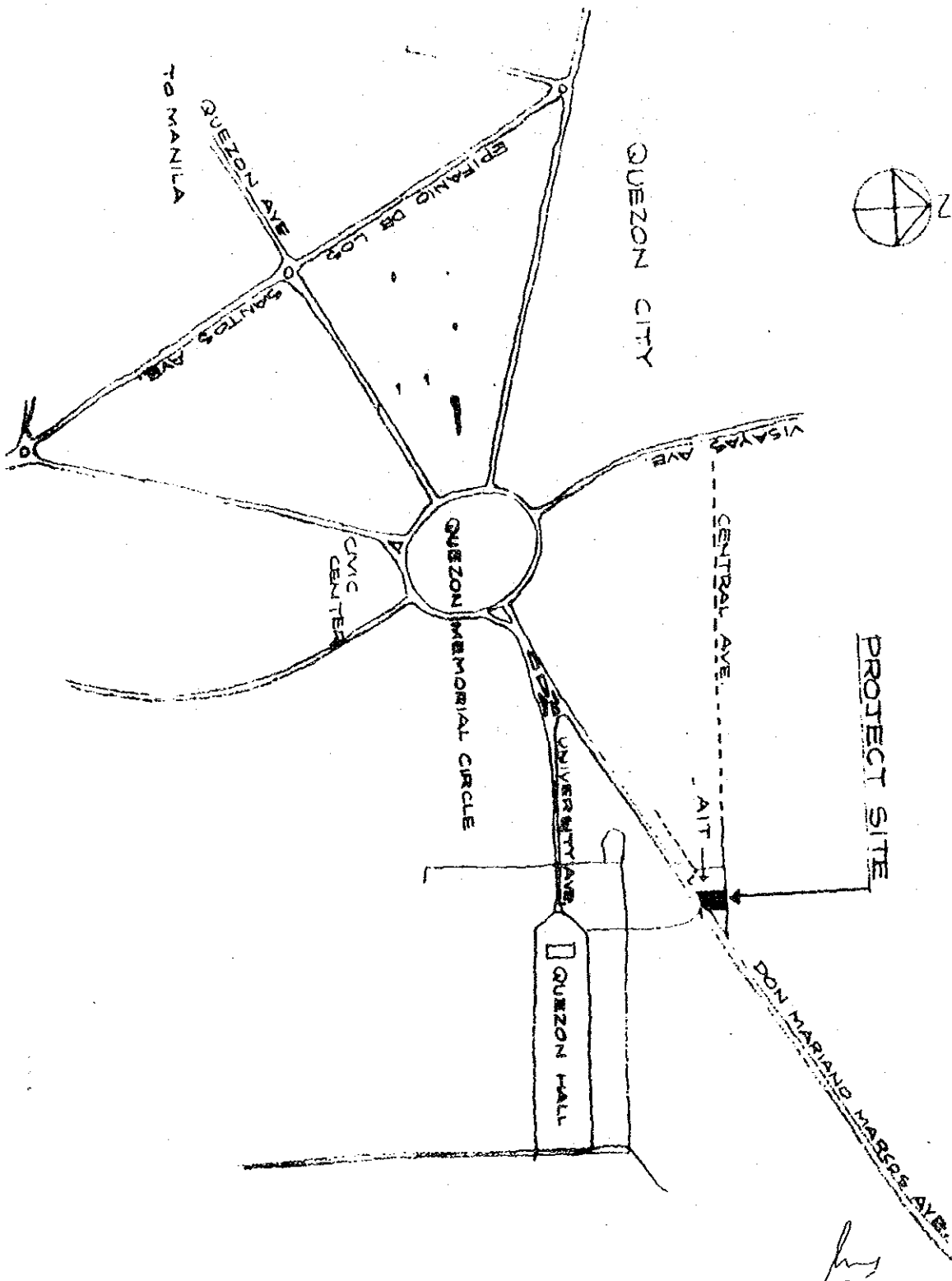
- 1) Office and library equipment
- 2) Printing equipment
- 3) Food service equipment
- 4) Auditorium equipment

b. Second priority

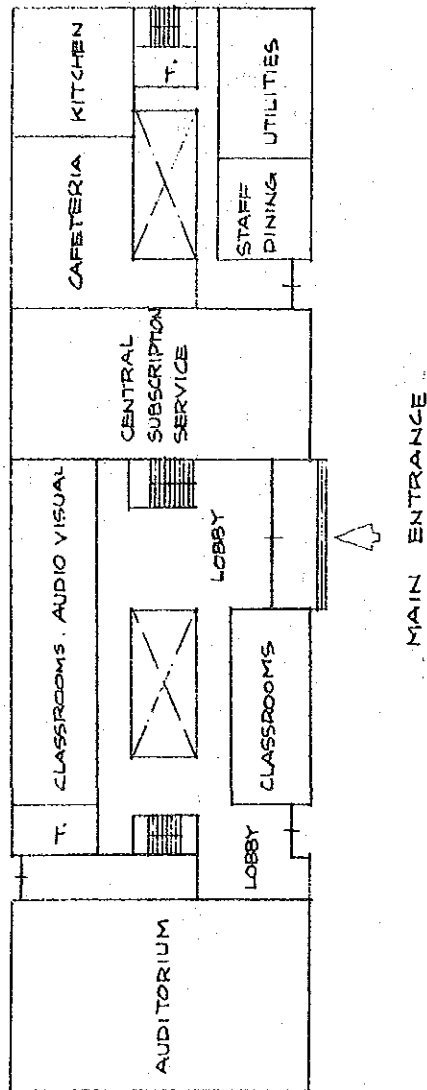
- 1) Computer equipment

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ANNEX 11
PROJECT SITE LOCATION MAP

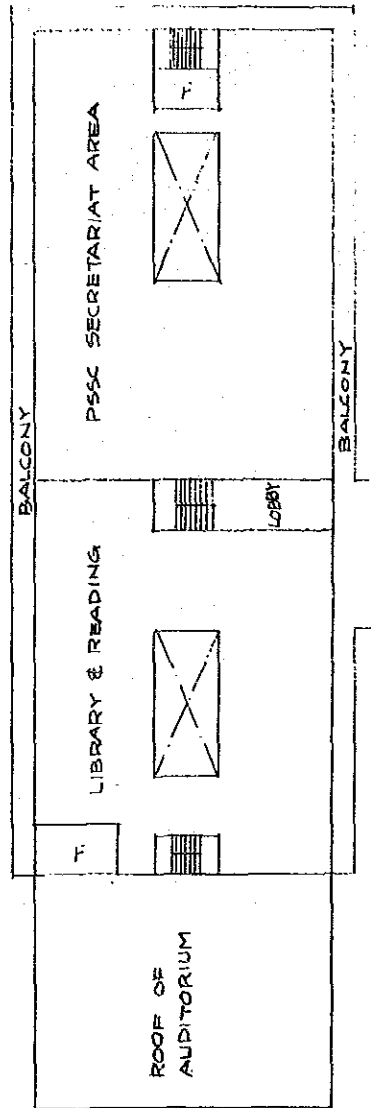


BUILDING PLANS



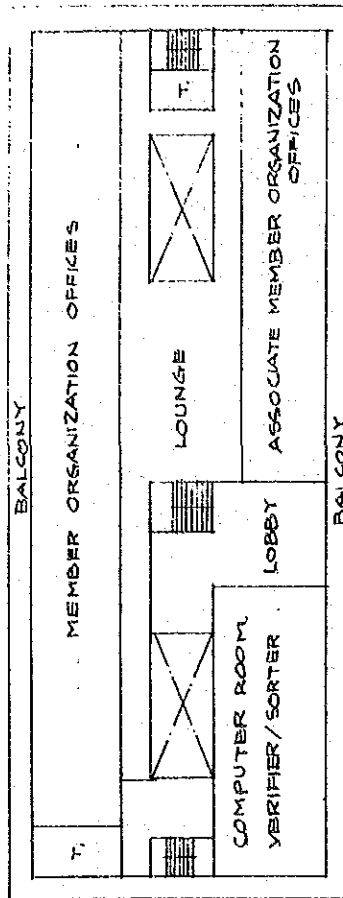
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Second Floor



h. W. A.K.

Third Floor

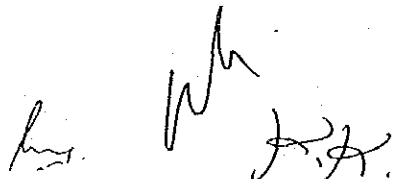


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ANNEX IV

Items whose costs are to be borne by PSSC and the Government of the Philippines:

- 1) Water supply mains to the Center Building
- 2) External drainage from the Center Building including sewage treatment facilities
- 3) Electrical power main line to the Center Building
- 4) Telephone lines and equipment
- 5) Exterior facilities and landscaping including driveways and parking facilities
- 6) Equipment, furniture, carpets, curtains and other furnishings not furnished by the Government of Japan.
- 7) Maintenance and operation costs and expenses

Three handwritten signatures in black ink, located in the bottom right area of the page. The signatures are stylized and appear to be initials or names.

APPENDIX A-2

PERSONNEL CONCERNED (BASIC DESIGN SURVEY)

1. Philippine

National Economic and Development Authority

Dr. Gerardo P. Sicat, Director-General
Mr. Eduardo Corpuz, Assistant Director-General
Mr. Bienvenido Villavicencio, Director
Mr. Jesus Sunga, Director

Philippine Social Science Council

Brother Andrew B. Gonzalez, Chairman, Executive Board
Dr. Loretta Makasiar Sicat, Executive Director and Chairman,
PSSCenter Committee
Dr. Josefina Ramos, Member, PSSCenter Committee
Dr. Vicente Valdepeñas, Member, PSSCenter Committee

(Amalgamated Project Management Services, Inc.)

Mr. Enrique Dizon -- Architect
Mr. Cresenciano Bayani -- Manager-Consultant

University of the Philippines

Mr. Antonio Cruz, Director, Physical Plant Office

2. Japan

Embassy of Japan, Manila

Mr. Koji Kobune
Mr. Yoshihito Uno

Japan International Cooperation Agency, Manila

Mr. Toshikazu Miura, Representative
Mr. Hiroyuki Arai

Japanese Basic Design Survey Team

Mr. Kiyoshi Kato	Director Grant Aid Department Japan International Cooperation Agency
Mr. Masao Takahashi	Matsuda, Hirata & Sakamoto Architects, Planners & Engineers
Mr. Hiroshi Kikuoka	"
Mr. Kiyotaka Otani	"
Mr. Tatsuya Morita	"

APPENDIX B-1

MINUTES OF THE SECOND DISCUSSION

MINUTES OF THE SECOND DISCUSSION ON THE
PHILIPPINE SOCIAL SCIENCE CENTER OF
THE PHILIPPINE SOCIAL SCIENCE COUNCIL

The Japanese study team on the Center headed by Mr. Kiyoshi Kato, Director, Grant Aid Department, JICA, was despatched to the Philippines from 12th to 18th August 1981 by the Government of Japan to discuss the draft report on the basic design for the construction of the Philippine Social Science Center (hereinafter called the Center) with the representative authorities of the Philippine Social Science Council headed by Dr. Loretta Makasiar Sicat, Executive Director and Chairman, PSSCenter Committee.

As a result of the discussions, both sides agreed on the following points:

The Draft Report on the said Center was explained by the Japanese Team and the Philippine Team fully understood the contents. The Philippine Team confirmed its acceptance of the report in principle, with the following amendments:

- (a) The auditorium will be a multipurpose area and will therefore be equipped with movable seats (collapsible but comfortable chairs) and folding partitions.
- (b) The library will be equipped with a "dumb waiter."

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DK

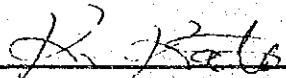
Minutes/2

- (c) Ramps or any equivalent facility for disabled persons will be provided.
- (d) The rear door will serve as a secondary entrance to the auditorium.
- (e) The cafeteria will be enlarged and will have two doors as required by Philippine building laws.
- (f) The area for the Central Subscription Service (CSS) is to be reduced to allow for the expansion of the cafeteria.
- (g) Corridors are to be reduced from 3 to 2.5 m in width to increase the size of the training rooms and the CSS.
- (h) The locations of the utility room and the toilet(s) on the first floor will be interchanged to allow public access to the latter.
- (i) There is need for a stand-by generator for minimal coping with emergencies -- e.g., to light stairways/ corridors to exits, operate facilities for the disabled, and to pump water to flush toilets during brownouts.
- (j) Provisions for individual sub-meters have to be installed for offices, CSS, cafeteria, and the computer room.
- (k) Utility rooms must be provided for on the third floor.
- (l) The number of personnel for the future staffing of the PSSC Secretariat after construction of the Center was indicated to the Japanese Team.

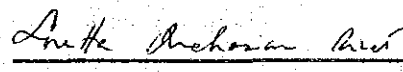
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Minutes/3

Done this 18th day of August 1981, in the English
language, in Quezon City, Philippines.



Director KIYOSHI KATO, JICA
Team Leader
THE JAPAN DESIGN STUDY TEAM



LORETTA MAKASIAR SICAT, Ph.D.
PSSC Executive Director and
Chairman, PSSCenter Committee

APPENDIX B-2

PERSONNEL CONCERNED (SECOND SURVEY)

1. Philippine

National Economic and Development Authority

Dr. Placido Mapa, Jr. — Director-General

Mr. Eduardo Corpuz — Assistant Director-General

Atty. Roque Sorioso — Assistant Director-General

Mr. Jesus Sunga — Director

Philippine Social Science Council

Brother Andrew B. Gonzalez — Chairman, Executive Board

Dr. Loretta Makasiar Sicat — Executive Director and Chairman,
PSSCenter Committee

(Amalgamated Project Management Services, Inc.)

Mr. Enrique Dizon — Architect

Mr. Cresenciano Bayani — Manager-Consultant

University of the Philippines

President Edgardo Angara — University President

Dr. Gerardo P. Sicat — Member, UP Board of Regents

Dr. Ramon Portugal — Vice-President for Administration

Mr. Antonio Cruz — Chief, Physical Plant Office

2. Japan

Embassy of Japan, Manila

Mr. Koji Kobune

Mr. Yoshihito Uno

Japan International Cooperation Agency, Manila

Mr. Toshikazu Miura, Representative

Mr. Hiroyuki Arai

Japanese Draft Report Confirmation Team

Mr. Kiyoshi Kato	Director Grant Aid Department Japan International Cooperation Agency
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Mr. Masao Takahashi	Matsuda, Hirata & Sakamoto Architects, Planners & Engineers
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Mr. Hiroshi Kikuoka	”
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JICA