

MINUTES OF THE DISCUSSION
ON THE PRELIMINARY DESIGN
FOR THE KASETSART UNIVERSITY DEVELOPMENT PROJECT

In connection with the request of the Government of Thailand for grant aid and technical cooperation to support the Project "Kasetsart University Development: Strengthening Research and Extension Service Facilities in Agriculture" (hereinafter referred to as "the Project"), the Government of Japan through Japan International Cooperation Agency dispatched the Survey Team (hereinafter referred to as "the Team"), headed by Mr. Toshihiro Orihara, Chief Advisor for Extension Work, Extension and Education Bureau, Ministry of Agriculture, Forestry and Fisheries of Japan, to Kasetsart University (hereinafter referred to as "the University") to collect additional data and information that are necessary in the formulation of the most mutually desirable plan for the National Agricultural Extension and Training Service Center and Agricultural Machinery and Equipment Center proposed by the University under the Project, and to clarify and reconfirm with the authorities of the University the details of the preliminary design prepared for these two centers by Japan International Cooperation Agency.

The Team visited Thailand for six days from 1st March 1979 and held a series of active discussions and exchanged views with the Thai authorities concerned on the subject mentioned above. Both parties have been thoroughly satisfied with the clarification and reconfirmation of each point and the additional necessary data and information, and have agreed to recommend to their respective Governments to take further necessary steps for appropriate materialization of the two centers in the Japanese fiscal year of 1979 and for mutually fruitful cooperations pertaining to the Project.

The minutes of the discussions are attached herewith.

Bangkok, March 5, 1979



Prof. Rapee Sagarik
Rector
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Mr. Toshihiro Orihara
Leader
Japanese Survey Team for
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Project

M I N U T E S

1. The Team indicated the desirability for preparing a part of the dormitory facilities in the National Agricultural Extension and Training Service Center for accommodation of the Japanese experts involved in the technical cooperation aspect of the Project during the period of their respective assignments in Thailand. This was entirely agreeable to the Thai side.

2. The Team brought to the attention of the Thai side that maintenance of the various items of audio-visual equipment for the National Agricultural Extension and Training Service Center following installation would be the responsibility of the Thai side. This was acknowledged by the Thai side.

3. In view of budgetary limitation for the Agricultural Machinery and Equipment Center, the Team requested the Thai side to indicate preference as to construction of buildings and provision of equipment for the Center. In reply, the Thai side gave first priority to construction of buildings.

4. The Thai side submitted to and discussed with the Team several comments and suggestions concerning the details of the preliminary design prepared for the two centers by Japan International Cooperation Agency. The Team indicated that full consideration would be given to each of such comments and suggestions. The said comments and suggestions are attached herewith.

Kasetsart University
Comments and Suggestions Concerning Preliminary Design
for National Agricultural Extension and Training Service Center and
Agricultural Machinery and Equipment Center
(February, 1979)

1. National Agricultural Extension and Training Service Center

1.1 As a result of the final survey of the construction site, it was found that the main entrance to the Center would not be directly opposite to the entrance to the opposite side of the campus as originally understood. A drawing showing the correct boundary of the site and the correct location of the said main entrance is attached.

Thus, the paragraph "The main approach and main campus" on page 45 should be changed to read "The main approach is planned to be located about 100 meters to the west of the Kamphaengsaen Campus service entrance on the opposite side of the Chon Pratan road."

1.2 There is no need to construct the elevated tank for water storage for the Center as water supply for the Center will come from the existing elevated tank on the campus and installation of pipe to the construction site will be carried out by the University. Such installation is expected to be completed well before completion of the construction. Temporary water supply to the site during construction will also be provided by the University through temporary installation of pipe from the nearest existing water-supply pipe on the campus.

Thus, the paragraph "Two possible methods the main water line" on page 58 should be changed to read "Pipes would be installed by the Thai authorities from the existing main water line on the campus up to the construction site, crossing the public road with a capacity for supplying water at a rate of approximately 110 cubic meters per day."

1.3 There is a need to complete the loop of service road behind the canteen and dormitory to facilitate access of service vehicles to all buildings through the service entrance.

- 1.4 Location of the various categories of dormitory buildings should be readjusted so that the ends facing the service road will be either in line with one another or much more displaced from the adjacent ones than what is presented in drawing No. C1.
- 1.5 Dead-end type of corridor for Administrative Building should be avoided.
- 1.6 Director's Office and General Office in the Administrative Building should be adjacent to each other. (Drawing No.02).
- 1.7 Approach to Administrative Building should be more distinct with stair way provided (Drawing No.02).
- 1.8 Level of the lower floor of all buildings, except dormitory, should be the same as that of Central Laboratory and Greenhouse Complex buildings, i.e., 60 cm. above ground level.
- 1.9 Dressing room in the Audio-Visual Media Building should be adjacent to the TV studio (Drawing No.02)
- 1.10 Pre-view room should be adjacent to the corridor (AV Media Building, Drawing No.02).
- 1.11 Stand-by generator should not be located in the Material Storage room. The more appropriate location for stand-by generator is in the proposed area for field equipment (AV Media Building, Drawing No.02).
- 1.12 Library Room on the second floor of AV Media Building is not necessary. (Drawing No.03).
- 1.13 Editing Room should be adjacent to Film Production Room (AV Media Building, Drawing No.03).
- 1.14 Dark-room booths (nine altogether) are missing (AV Media Building, Drawing No.03).
- 1.15 Some rooms are not labeled and, hence, appropriate comment or suggestion concerning them cannot be given (AV Media Building, Drawing No.03).
- 1.16 Locations for W.C. and proof-reading room for Printing Shop Building should be interchanged (Drawing No.02).
- 1.17 There should be an entrance at the back of the Printing Shop Building to facilitate loading, unloading, delivery and dispatch of heavy materials in large quantity (Drawing No.02).

- 1.18 Approach to each building should be more distinct (Drawing No.02).
- 1.19 Office for Classroom Building should be adjacent to the hall way (Drawing No.02).
- 1.20 Covered walk way in front of Classroom Building should be extended to join with that coming from the Canteen Building (Drawing No.02), or corridor in this building should be relocated to avoid having to pass through the Classroom Building to get to the Canteen from the AV Media Building or vice versa (Drawing No.02).
- 1.21 Discussion rooms in the Classroom Building should be relocated (Drawing No.02).
- 1.22 Location for compressor and air-conditioning units should be indicated in drawing No.02.
- 1.23 Control room should not be located above stair way (Classroom Building, second floor, drawing No.03).
- 1.24 Projectors for classrooms should be centrally located along the movable partition with provision for projection in any direction (Drawing No.03).
- 1.25 Single-room type appears to be more appropriate for the Lecture Amphitheater (Drawing No.03).
- 1.26 Walk way to connect AV Media Building and Classroom Building on the second floor should be provided (Drawing No.03).
- 1.27 There is a lack of dominant feature as well as harmony of external appearance of buildings in the drawing showing elevation and section (Drawing No.04).
- 1.28 Covered walk way in front of Canteen should be extended directly to the road instead of being turned around the elevated tank, and there should be covered walk along the side of the Classroom Building on the opposite side of the road as indicated in 1.20. (Drawing No.05).
- 1.29 It is to be clearly understood that kitchen space in the Canteen is intended primarily for warming up already cooked food and preparation of such food for serving; very little, if any, actual cooking is to be done here (Drawing No.05).
- 1.30 Small parking space should be provided near the Canteen (Drawing No.05).

- 1.31 The need for fence enclosing the open courts in the dormitory area does not seem to be apparent. If there is to be such fence, the Thai side would like to know the type (style) and construction material for it (Drawing No.06).
- 1.32 There is a need for rearrangement of kitchen, service area and cafeteria in the dormitory area (Drawing No.06).
- 1.33 Corridor joining the various dormitory units should be relocated for more convenient passage from one unit to the other (Drawing No.06).
- 1.34 Lavatory and laundry space on the second and third floors of type-D dormitory should be relocated (Drawing No.07).
- 1.35 Two-storeyed building appears to be more appropriate for type-D dormitory (Drawing No.07).
- 1.36 Same comment as in 1.27 for drawing No.08.
- 1.37 Since there will be no need for elevated tank as indicated in 1.2, the elevated tank and the phrase "Work to be provided by Thai side" should be removed from drawing No.09.
- 1.38 There should be as few corners or turning points as possible in the water-pipe line (Drawing No.09).
- 1.39 Drainage way to connect the ditch at the back of the center to the drainage canal along the Chon-Pratan Road will be constructed by the Thai side (Drawing No.10).
- 1.40 There should be two separate transformer sub-stations (spot loads), one for the office area and the other for the dormitory area, with separate control panels; this is to minimize voltage drop and low-voltage line (Drawing No.11).
- 1.41 There should be a tie-line system for telephone service in the office area and dormitory area with a separate control panel for the dormitory area that can handle 24-hour service without having to depend on the switch-board operator for the office area during non-office hours (Drawing No.12).
- 1.42 The size for offset press on page 82 should be 21.5"x 31.5".

2. Agricultural Machinery and Equipment Center

- 2.1 Ground surface at the construction site is sloping downward towards the adjacent road and it does not appear to be advisable to make it flat throughout.

Thus, it appears necessary to adjust the level of the floor of the buildings to be in accordance with the sloping surface level of the ground. The Thai side will conduct a ground-level survey of the site and provide the pertinent result.

- 2.2 Since there are several trees being present on the site and if some of the trees are to be saved, relocations of the buildings and reorientation of the construction site may have to be done in order to save some of the trees.
- 2.3 Stair way should not be located somewhere in the middle of the building (Drawing No.14).
- 2.4 It is not advisable to install drainage piping through (across) the road. It will be better to construct an open drainage ditch along the road on the side of the construction site (Drawing No.18).
- 2.5 The phrase "up to the same level of the road" on page 34 should be changed to "up to 6.5 meters above the sea level" to be in accordance with sub-paragraph "a" of paragraph 1 of Annex II of the Minutes of Discussion on page 23.
- 2.6 The paragraph "For this purpose, the Thai side the locations of these trees." on page 34 should be deleted since the survey drawing has been given by the Thai side to the representative of Kume Architects-Engineers.

3. General

- 3.1 The outdoor temperature and humidity given on page 57 should be changed to 40 degrees Centigrade and 80-90 percent, respectively.
- 3.2 The sentence "The air conditioning equipment is all to be imported" on page 57 may not be necessary since many makes and models of the equipment including accessories and spare parts are easily available locally.

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