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**HEALTH PROFESSIONS FACILITIES SURVEY**  
**RRC INTERNATIONAL, INC.**  
**1125 PEOPLES AVENUE**  
**TROY, NEW YORK 12181**





DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
PUBLIC HEALTH SERVICE  
NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MARYLAND 20014

BUREAU OF HEALTH MANPOWER EDUCATION

May 11, 1973

Dr. Malcolm C. Moos  
President  
University of Minnesota  
at Minneapolis  
Minneapolis, Minnesota 55455

Dear Dr. Moos:

The Parent Institution Questionnaire on facilities as described in our letter of May 1, 1973 is enclosed.

Also enclosed are:

1. A General Information and Instruction Pamphlet citing the purpose and scope of the survey, the page-by-page instructions for completing the questionnaire, and other information;
2. Appendix I - Definitions of Terms Used in the Questionnaire;
3. Appendix II - Definitions of Column Headings on the Questionnaire.

The questionnaire (to be completed at the University level) deals with joint-use facilities provided to the University health professions schools. It complements the questionnaire on allocated facilities that has been forwarded for completion to your health professions schools.

The complexity of the survey indicates that a person very familiar with your university and the administrative officials be assigned the responsibility for compiling and reporting the requested data.

Personnel of RRC International, Inc., the agency conducting the survey for us, will be on call to help resolve difficulties, or to suggest solutions to common problems. We ask you to complete and return the enclosed post card to RRC as soon as possible to establish communication. Should any question arise which needs clarification, do not hesitate to contact RRC International, Inc., as follows:

Dr. Allen Baisuck, Project Director  
RRC International, Inc.  
1125 Peoples Avenue  
Troy, New York 12181  
Telephone: (518) 274-8114

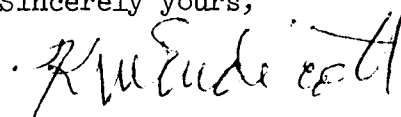
Page - 2

We hope that you will be able to complete and return the questionnaire to RRC by June 30, 1973. The results of this survey are important to everyone, and its success depends upon the effort of each and every respondent. This survey represents an inventory of the total health professions education sector; therefore, a 100% response will improve its usefulness.

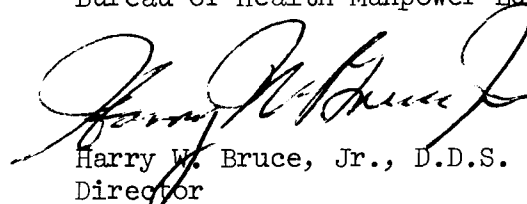
We know that the survey imposes a major demand on all respondents, but we think that the results will be of internal value to respondents. The results of the survey will be published and made available to each respondent.

Again, we thank you for your cooperation in this important undertaking.

Sincerely yours,



Kenneth M. Endicott, M.D.  
Director  
Bureau of Health Manpower Education



Harry W. Bruce, Jr., D.D.S.  
Director  
Division of Physician and  
Health Professions Education

Enclosures

*Bob [unclear]*  
5/1/74GENERAL INFORMATION AND INSTRUCTION PAMPHLET32  
SURVEY OF HEALTH PROFESSIONS EDUCATION FACILITIES  
IN THE PUBLIC AND PRIVATE NONPROFIT INSTITUTIONS  
OF THE UNITED STATES--1973PURPOSE AND SCOPE

One of the basic missions of the Bureau of Health Manpower Education, National Institutes of Health, is to stimulate the production of health manpower resources needed for the delivery of health care in the Nation. Some professional judgment holds that insufficient and inadequate health professions educational facilities may be among the primary causes impeding the production of the necessary manpower.

The Division of Physician and Health Professions Education of the Bureau of Health Manpower Education considers it essential to conduct a national mail survey to verify and identify any existing facility inadequacies in health professions schools. This will be done by type of school, geographic location, and other factors. The survey will also assess the capacity of schools to increase their manpower outputs within existing resources. Survey results, in conjunction with other information, will assist the Executive Branch of the Government and the Congress to define more accurately their goals and priorities in the health area, and will aid in formulating a solution to the facilities aspects of the manpower problem.

Although many reports and studies bear on the facilities problem, none approaches the in-depth effort proposed by this survey. While it is recognized that the survey imposes a major demand on the respondent institutions, it is felt that such a survey is essential if we are to develop meaningful facilities data aimed ultimately at aiding all types of health professions schools and significantly advancing the Nation's health care system.

Please be assured that the data you provide will be treated as professionally privileged. Reports prepared from the survey will not reveal specific data of any single institution. A copy of the final report will be forwarded to each respondent.

SUBJECT MATTER OF SURVEY

Data is sought on the amount, types, and condition of space currently used for undergraduate, graduate, and continuing education in the Nation's health professions schools. Information is also sought as to the numbers of students, faculty and support staff occupying the space, and the degree of overcrowding, if any. The intensity of space utilization will be studied, as well as information concerning the various needs or problems confronting the respondents. Data on ongoing construction and remodeling, and a projection of future such activities round out the survey.

DEVELOPMENT OF THE SURVEY

Initial planning of the survey began in July, 1970. Objectives, uses and justification of the survey were carefully spelled out. A contract was let

with Rensselaer Research Corporation (now, RRC International, Inc.) of Troy, New York to assist in this major undertaking. A panel of 13 consultants, representing the eight health professional disciplines and expertise in teaching support services, libraries and hospitals, was appointed and met periodically with NIH and RRC to provide advice and guidance in the survey. All the health professions school associations, as well as interested Federal and non-Federal agencies, were also consulted and their advice sought. Finally, the survey forms were pretested at nine health professions education institutions prior to the full-scale mailing to approximately 300 existing and developing schools of dentistry, medicine, optometry, osteopathy, pharmacy, podiatry, public health and veterinary medicine.

#### DEFINITIONS

Due to the variety of health professions schools being surveyed, it is anticipated that much of the terminology relevant to this effort will not be standard over the nation. To help assure compatibility in reporting procedures, those terms most critical to the proper completion of the questionnaire have been defined in Appendices I and II.

Appendix II, containing the definitions of various facilities types (and corresponding directly with the reporting requirements of the survey instrument) has been separated from Appendix I for ease of reference.

#### DUE DATE AND RETURN OF QUESTIONNAIRES

The questionnaires should be completed and forwarded to the following address by July 16, 1973:

Health Professions Facilities Survey  
RRC International, Inc.  
1125 Peoples Avenue  
Troy, New York 12181

OVERVIEW OF HEALTH PROFESSIONS SCHOOL QUESTIONNAIRE (WHITE)

Each of the approximately 300 health professions schools in the Nation is requested to complete a Health Professions School Questionnaire. If the school is a free-standing institution, this will be the only form submitted. If the school is part of a university, then a second form (the Parent Institution Questionnaire) will also be completed by the parent university or appropriate controlling subagency such as a health sciences center.

- Page 1: Identifies and characterizes Respondent.
- Pages 2A and 2B: Obtain the current inventory of space allocated to Respondent. Request square footage of space by type and condition, amount constructed with HPEA assistance, and numbers of rooms and student stations.
- Page 3: Elicits nature and extent of joint utilization of non-hospital space as of the survey date, and after the completion of ongoing and fully authorized construction and remodeling.
- Page 4: Obtains data on ongoing and fully authorized construction and remodeling of space to be allocated to Respondent. Also, requests an estimate of the space inventory following the completion of the construction and remodeling, and the needs still existing at such time.
- Page 5A/5B: Requests data on the extent to which Respondent uses inpatient, ambulatory and didactic facilities in owned or major affiliated hospitals and clinics; and what construction and remodeling of these facilities is currently underway or planned for completion by 1983.
- Page 5C: Requests data on hospitals and clinics used by Respondent, but not used as major teaching units.
- Page 5D: Obtains data on students' practical experience obtained at health-care facilities not reported on pages 5A/5B or 5C.
- Page 6: Identifies and quantifies the availability of audiovisual facilities for Respondent's academic purposes. Requests supplementary data on animal facilities, instructional space, and room use.
- Pages 7A and 7B: Page 7A depicts the amount of time currently spent in didactic space and patient areas by Respondent's students. If major curriculum changes or innovations are underway, their expected impact is described by completing page 7B.
- Page 8: Provides an opportunity for the Respondent to identify the types and amounts of additional resources required to satisfactorily accommodate his students.
- Page 9: Attempts to determine the levels of student increases possible under varying levels of Federal funding, and solicits Respondent's construction plans and purposes over the next 10 years.

- Page 10: Obtains data on the current numbers and future projections of students, faculty and support staff.
- Page 11: Solicits Respondent's general comments or clarifications as to any of his responses to the questionnaire.



GENERAL INSTRUCTIONS

1. It is urged that the instructions in this pamphlet be utilized while the questionnaire is being completed. Circled item numbers on the questionnaire indicate items for which necessary instructions have been provided. Should any question arise regarding the proper reporting of space, or interpretation of instructions, definitions, and terminology please call RRC International, Inc. collect at:

518-274-8112  
-8114  
-8242

Monday through Friday  
between the hours of 8:30 A.M. and 5:00 P.M.  
(Eastern Time Zone)

Individuals qualified to discuss the form will be available for your assistance.

It is also suggested that much time and effort may be saved if Appendices I and II are studied prior to any attempt to complete the questionnaire.

2. All square footage and dollar figures over the value 500 shall be rounded to the nearest thousand and stated in thousands. For example, 23,748 net assignable square feet shall be reported as 24; 17,500 would be reported as 18; \$17,499 as \$17. Figures under 500 should be rounded and reported as one-place decimal portions of 1000. Thus 380 square feet would be reported as ".4".
3. Unless specifically stated otherwise, "Respondent's students" should be construed to mean Respondent's students of Dentistry, Medicine, Pharmacy, Podiatry, Public Health, Optometry, Osteopathy, or Veterinary Medicine, whichever is applicable. Other students, (e.g., allied health) either taught by Respondent's faculty, using Respondent's facilities, or both, should not be included except as explicitly requested.
4. The survey pretest indicated that a critical first step in the data-gathering phase of Respondent's effort is the development of a room-by-room listing of all facilities currently available for use. Many campuses will have such a listing, at least on a campus-wide basis, as a result of the Office of Education's HEGIS efforts (Higher Education General Information Survey). In other cases, floor plans will provide an acceptable substitute for the room-by-room listing.

For each room available for Respondent's use, the following information should be listed:

- (a) Whether or not room is allocated to Respondent (see definition of "Allocated" in Appendix I).
- (b) Number of hours per (academic) year room is used by Respondent. (Classrooms, class laboratories, and auditoriums only.)
- (c) If room is allocated to Respondent, number of hours per (academic) year it is used by other than "Respondent's students" (as defined above).

- (d) Type of room.
- (e) Ownership of building in which room is located.
- (f) Floor area.
- (g) Number of student stations.
- (h) Condition of the room as related to its use. (Satisfactory for purpose used, needs remodeling, needs replacement).
- (i) Whether or not room was at least partially constructed or remodeled with HPEA assistance.

The same data elements (except for condition of space) should also be obtained for:

- (a) rooms in buildings which are undergoing construction or are fully authorized for construction and will, upon completion, be allocated to respondent; and
- (b) rooms (of the types defined in Appendix II) which are found in owned and major affiliated hospital and clinic facilities.

Proper tallying of subsets of the above data will essentially yield the information necessary to fill out pages 2A, 2B, 3, 4 and 5A/5B.

Furthermore, it is likely that from the school's registrar, scheduling officer, and curriculum planners (or equivalents) can be obtained insights into student instructional load as related to types of space (pages 7A and 7B), and the student, faculty and staff populations (page 10). Data for the remainder of the form will be found in a variety of offices.

5. Please note that not all pages or boxes will be completed by all Respondents. The various pages and the large number of boxes are included in the questionnaires so that every Respondent will be able to provide the entries that pertain to his school. Boxes which do not apply to Respondent may either be filled with zeroes or left blank.
6. All space in residence halls (dormitories, food service areas, etc.) is excluded from this survey.
7. The term "as of the survey date" as used in these instructions (and on the questionnaire) refers to the approximate date of Respondent's receipt of this survey package.
8. Each person responsible for filling out a specific page or pages of the form should be given a complete set of Appendices I and II, these General Instructions and all appropriate specific instructions.

PAGE-BY-PAGE INSTRUCTIONS FOR COMPLETING THE  
HEALTH PROFESSIONS SCHOOL QUESTIONNAIRE (WHITE)

◀ PAGE 1 ▶ General Information

General Data from the NIH computer files have already been entered. Please correct any erroneous entries and fill in any items left blank.

Specific

Item 2 The IMPAC code is an internal code used by NIH. Do not specify this code if it has been left blank.

Item 4 Check the one designation that best describes the health professional curriculum administered by Respondent. Check item (i) only if Respondent is a combination school (such as a School of Medicine and Dentistry) whose facilities are inseparable by type of school. However, if Respondent is a combination school whose component schools use separate facilities, he should complete a separate questionnaire for each "school" and check the applicable box on each questionnaire. In addition, the two resulting forms should be annotated (see page 11) to reflect the fact that the separation was made.

Item 5 For inseparable "combination schools" only, enter the number of students (and their full-time equivalents) of each health profession. Include only those students of the eight health professions listed in items (a) through (h) of question 4, above.

Item 8 See definition of "locale" of Respondent.

◀ PAGE 2A ▶ Owned Facilities Currently Allocated to Respondent

General (a) See definition of "owned facilities".

(b) Only those facilities allocated to Respondent should be reported on this page. (See Appendix I for definition of "allocated facilities".)

(c) Do not report freestanding hospitals and clinics on this page (see def.). Report only on-site patient-care and associated support facilities (see definition of on-site patient-care facilities in Appendix II).

(d) If Respondent is in the process of organizing a new health professions school, and has, as yet, no allocated facilities, write "NEW" across the page in bold letters and continue to page 3. (A new school should complete page 2A if owned facilities are allocated to it, but it has, as yet, no students.)

Specific

Item 1 See Appendix I for definitions of Net Assignable Square Feet (NASF), Gross Square Feet (GSF) and Net Square Feet (NSF). In cases where only a part of an entire building is considered to be allocated to Respondent, find the ratio of Respondent's NASF to the building's total NASF and use this percentage as the multiplier for determining the portion of the building's GSF and NSF that is allocated to Respondent.

- Item 2 See Appendix I for the definition of HPEA. Even if a given room was only partially funded through the HPEA Act, include that room's total net assignable square footage.
- Item 3 Report in columns B through K the total net assignable square feet (NASF) of each type of space (including service areas) referred to in the column headings. Please see Appendix II for the types of space to be reported under each column heading. Do not include facilities being constructed as of the survey date (these will be reported on page 4). Space which is currently unavailable for use due to remodeling should be reported as "other space" (column K).
- Item 6 The number of student stations in library space may be approximated by a count of the number of chairs available for student seating in all library areas.
- Item 7 Do not include service areas when reporting number of rooms.
- Item 9 For each type of space, the need for additional NASF is equal to the total NASF needed (to accommodate current enrollment) minus the NASF available for use (regardless of ownership) as of the survey date.

In determining NASF available, do not include space involved in ongoing construction and remodeling unless it represents space which is currently usable. (It is recognized that completion of ongoing construction and remodeling may reduce some or all of the needs reported.)

- Item 10 The list below indicates five possible reasons for the needs expressed in item 9. For each type of space needed, enter in item 10 the letter code of the reason which best applies:

- A. Relief of overcrowding (Code = A)
- B. Poor physical condition (Code = B)
- C. Replacing obsolete space (Code = C)
- D. Missing from current inventory (Code = D)
- E. Other (specify on page 11) (Code = E).

- Items 13-17 Do not report freestanding hospital or clinic facilities (see Appendix I for definition of "freestanding") in this section. Use items 13-14 to report on-site inpatient care facilities and items 15-17 to report on-site ambulatory care facilities. Respondent should consult the definition of "Respondent's students".

If inpatient or ambulatory facilities (or both) are used by students other than "Respondent's students" as defined, please use page 11 to report the average number of other students using the space at any one time. Separate ambulatory from inpatient facilities as appropriate.

◀ PAGE 2B ▶ Rented, Leased or Other Facilities Currently Allocated to Respondent

Apply instructions from page 2A as follows, including "General", b-d:

For item 1 on page 2B: see instruction for item 1 of page 2A

2.....	3
4.....	6
5.....	7
7.....	9
8.....	10
11-15.....	13-17

Important: Those Respondents who reported existing needs on page 2A, items 9-11 should not fill out items 7-9 on page 2B.

◀ PAGE 3 ▶ Joint-Use Space

General This page elicits the nature and extent to which non-clinical facilities are (or will be) jointly-utilized by health professions schools. The page covers (1) space used by, but not allocated to, Respondent; and (2) space allocated to Respondent but also used by other than "Respondent's students" (e.g., allied health or other health professions).

For reporting purposes, combine "owned" space with space that is not owned.

Specific

A. Current Usage

Item 1 Report in columns A and B all rooms (excluding service areas) which  
Columns satisfy both of the following criteria:  
A and B

- (1) the room is not allocated to Respondent;
- (2) during 25 or more hours per academic year, at least 25% of the room's occupants are "Respondent's students" (see definition).

Item 1 Report in columns C and D all rooms (excluding service areas) which  
Columns satisfy both of the following criteria:  
C and D

- (1) the room is allocated to Respondent;
- (2) during 25 or more hours per academic year, at least 25% of the room's occupants are not "Respondent's students".

Item 3 Report in columns A and B the total number of hours each type of room in item 1 is used by "Respondent's students" during the academic year. For example, if classroom A is used 33 hours, and classroom K is used 61 hours, report the total hours used as 94. Employ similar methods in reporting other disciplines' usage of Respondent's allocated space in columns C and D. Report in columns C and D the total number of hours each type of room in item 1 is used by other than "Respondent's students" during the academic year.

B. Usage Upon Completion of Ongoing Construction and Remodeling

Apply the sense of the instructions for section A.

◀ PAGE 4 ▶ Ongoing and Fully Authorized Construction and Remodeling

- General
- (a) Report only that construction and remodeling of space which will be allocated to Respondent.
  - (b) Do not report any past construction or remodeling.
  - (c) Exclude construction and remodeling of freestanding hospitals or clinics. (See Appendix I for definition of "freestanding".)

Specific

Items A.1., A.2. These items attempt to obtain a total overview of the ongoing construction and remodeling of space allocated to Respondent. (See Appendix I for definitions of gross and net square feet.) Respondent should report only his pro-rata share of the costs, GSF and NSF of buildings which are also to be occupied by other schools. This share may be computed by finding the NASF of the entire building, and calculating the fraction which is allocated to Respondent. This fraction may then be applied to both cost and square footage figures prior to posting.

In column d ("NSF of HPEA Assist"), enter the Net Square Footage of space whose remodeling or construction was at least partially funded with HPEA assistance. Respondent should enter only that portion of the HPEA funded NSF considered allocated to his particular school.

Items B.1., B.2. Answer only if ongoing and fully authorized construction and remodeling will result in a change to the number of beds and/or ambulatory patient stations used by Respondent's students. If the number of beds and/or patient stations will decrease, report the decrease by inserting a minus sign in front of the difference.

Items C.1.-C.4. The sum of items C.1.-C.4. must agree with item A.2., column b. Where purposes of construction overlap, and clear-cut separations by the four purposes are difficult, please provide your best estimates.

Items D.2.a.- D.2.i. Report the same fractional parts (of the actual amounts from each source) as used in items A.1. and A.2, unless more specific information is available.

Item E.1. Confine the reporting of remodeling to only those rooms that are actually undergoing remodeling (or are fully authorized to be remodeled). When remodeling converts space from one room type to another, report the space in terms of the new room type. If any space being remodeled was included in "other space" (column K) on page 2A, it should now be reported under the appropriate column headings.

Items F.1.-F.4. In estimating the revised inventory of allocated space, include all ongoing and fully authorized construction and those portions of the space reported on pages 2A and 2B which will be retained.

In item F.3., the number of student stations in library space may be approximated by a count of the number of chairs expected to be available for student seating in all library areas.

When reporting numbers of rooms in item F.4., do not include service areas.

Item G.1. Page 10, items 1 and 8 (column C) request the number of "Respondent's students" to be accommodated after completion of ongoing construction and remodeling. If this construction and remodeling will not satisfactorily accommodate the number of students reported, express the additional facility need here.

Item G.2. The list below indicates five possible reasons for the needs expressed in item G.1. For each type of space needed, enter in item G.2. the letter code of the reason which best applies:

- A. Relief of overcrowding (Code = A)
- B. Poor physical condition (Code = B)
- C. Replacing obsolete space (Code = C)
- D. Missing from the inventory (Code = D)
- E. Other (specify on page 11) (Code = E)

◀ PAGE 5A/  
5B ▶

Major Hospitals and Clinics Used by Respondent

- General
- (a) A separate page 5A/5B should be prepared for each owned or major affiliated hospital or clinic used by the Respondent. See Appendix I for the definition of a "major affiliated hospital or clinic" before completing this page. (Use supply of extra copies of page 5A/5B, as necessary.)
  - (b) Column H (Administrative Offices) should include only those offices assigned to administrative personnel of the educational program (e.g., Dean of Students and Registrar). Such offices as the admitting office, hospital administrator, finance office, maintenance office, etc., should be excluded.
  - (c) Column I (Animal Facilities) excludes laboratory and associated service facilities for animals used for diagnostic purposes. Should such diagnostic laboratories be used for student instruction, they should be reported on page 5D.

- (d) If Respondent does not presently use a (freestanding) owned or major affiliated hospital or clinic and is not currently constructing or remodeling one, write "NONE" across the page in bold letters and continue to page 5C.
- (e) See Appendix I for definitions of GSF (Gross Square Feet), NSF (Net Square Feet) and NASF (Net Assignable Square Feet).

## Section A

### Specific

- Item 3 See Appendix I for definition of "Locale".
- Item 4 Report the GSF of the entire hospital or clinic even though Respondent may use only a portion of that facility for academic purposes.
- Items 5 and 6 Even if a given area (or room) was only partially funded through the HPEA Act (see definition) include that area's total square footage. Consider only assistance to or through Respondent. Exclude current projects.
- Item 7 Schools of Veterinary Medicine should substitute ANIMAL HOLDING UNITS for "Beds". If two (or more) schools make use of the same beds, and it is thus not possible to distinguish between Respondent's beds and others, please indicate on page 11 the percentage of the students from the two (or more) schools which are "Respondent's students" (see definition).
- Item 8 See definition of "Respondent's students".
- Item 9b For a given room, the number of patient stations shall be the number of patients who could be treated simultaneously in that room. Report the total number of patient stations in all examining and treatment rooms available for use by "Respondent's students".
- Item 11 See definition of "Respondent's students".
- Item 14 Do not include service areas when reporting number of rooms.
- Item 15 For each type of space, the need for additional NASF is equal to the total NASF needed (for "Respondent's students"--see Appendix I for definition) minus the NASF available for use as of the survey date.

In determining NASF available, do not include space involved in ongoing construction and remodeling unless it represents space which is currently usable. (It is recognized that completion of ongoing construction and remodeling may reduce some or all of the needs reported.)

- Item 16 The list below indicates five possible reasons for the needs expressed in item 15. For each type of space needed, enter in item 16 the letter code of the reason which best applies:
- A. Relief of overcrowding (Code = A)
  - B. Poor physical condition (Code = B)
  - C. Replacing obsolete space (Code = C)
  - D. Missing from current inventory (Code = D)
  - E. Other (specify on page 11) (Code = E).



Item 19 The sum of a, b, and c should equal item 12, column A.

Section B

General (a) Report only that construction and remodeling of space which will be available for use by Respondent upon completion.

(b) Do not report any past construction or remodeling.

Specific

Item 1 Respondent should report only that portion of the total construction  
Column 1 or remodeling cost associated with the part of the building available for his use. Unless such figures are directly obtainable, report the following fractions of both the total construction and remodeling costs:

$$\frac{\text{NASF of Construction (remodeling) Available for use by Respondent}}{\text{Total NASF of Construction (remodeling) of Building}}$$

If the reported space will be available for use by two or more health professions schools which are constructing (or remodeling) the space as a joint effort, then:

(a) the entire cost should be reported by (each) Respondent; and

(b) page 11 should be used to identify the other health professions schools involved in the joint effort.

Columns 2 Unless the requested figures are directly obtainable, report the  
and 3 same fractions of GSF and NSF, respectively, as were computed for answering the cost questions of column 1.

Column 4 Enter the Net Square Footage of space whose remodeling or construction was at least partially funded with HPEA assistance. Thus, if remodeling of a given room was only partially funded with HPEA assistance, include the total Net Square Footage of that room.

Item 2 Answer only if ongoing and fully authorized construction and remodeling will result in a change to the number of beds and/or patient stations used by Respondent's students. If the number of beds and/or patient stations will decrease, report the decrease by inserting a minus sign in front of the difference.

Item 3 The sum of a, b, c and d must agree with item 1b, column 2. Where purposes of construction overlap, and clear-cut separations by the four purposes are difficult, please provide your best estimates.

Item 4b For items 4b.1-4b.9, report the same fractional part of the actual amount from each source as was computed for obtaining the total cost figures in items 1a and 1b, column 1.

- Item 6 In estimating the revised inventory, include all ongoing and fully authorized construction, and those portions of the current inventory which will be retained.
- Item 7 In estimating the remaining need, first estimate that enrollment to be accommodated upon completion of the construction and remodeling.
- Item 8 See instruction for item 16 in section A.

### Section C

- Item 1 Answer all questions in terms of space available for use by "Respondent's students". Only pro-rata shares of GSF and NSF should be reported unless two or more schools will have access to the same space. Again, in this latter case, the total GSF and NSF should be reported, and the names of the cooperating schools entered on page 11.
- Item 2 The sum of lines a, b, c and d should equal the figure reported in item C.1.b.

### ◀ PAGE 5C ▶ Other Hospitals and Clinics Used by Respondent

- General
- (a) Report each hospital and clinic (used by Respondent) that is neither owned nor used as a major teaching unit.
- (b) Schools of Veterinary medicine should substitute ANIMAL HOLDING UNITS for beds.
- (c) Although students may, as part of their formal education, obtain practical experience in private practitioners' offices or other facilities of various types, exclude such facilities from this page (they will be reported on page 5D).

### Specific

- Columns J and K See definition of "Respondent's students".
- Column N For a given room, the number of patient stations shall be the number of patients who could be treated simultaneously in that room.
- Columns O and P See definition of "Respondent's students".
- Column R There are many reasons why a given hospital or clinic may not currently be used as a major affiliate. For each hospital or clinic reported, select, from the list below, the one reason which best applies and enter the corresponding letter in column R.
- A: Lack of needed teaching facilities specified in columns A-H.
- B: Distance from didactic facilities.
- C: Lack needed faculty and/or staff.
- D: Interpersonal relationships between administrations must be strengthened.

(continued)

E: Clinical material not appropriate by virtue of numbers, length of stay, nature of afflictions, etc.

F: Other problems.

G: No problem - would make adequate major affiliate, but not currently needed by Respondent.

◀ PAGE 5D ▶ Other Facilities Available for Students' Practical Experience

General

If a part of the Respondent's curriculum involves activities in which students obtain practical experience outside of the clinical settings reported on pages 2A, 2B, 5A/5B and 5C, please report the nature of this experience on this page. Due to the wide variety of possibilities involved, it is requested that the Respondent report the following for each different type of experience:

- (a) The nature of the facility used;
- (b) The number of facilities of similar nature;
- (c) The number of students using the facility per year;
- (d) The type of activity best describing the nature of the practical experience;
- (e) The number of units of such activity available per year for Respondent's student instruction.

The figure below illustrates possible content of page 5D, and indicates a sample of the kinds of activities which might be reported by schools of different types. Note that multiple facilities of the same type are aggregated.

FACILITY TYPE	NUMBER OF SUCH FACILITIES	NUMBER OF RESPONDENT'S STUDENTS USING THESE FACILITIES PER YEAR	TYPE OF ACTIVITY	NUMBER OF ACTIVITY UNITS PER YR.
Physician's Office	20	25	Patient Visits	1,525
O.E.O. Neighborhood Health Center	1	50	Patient Visits	20,300
Poison Control Center	2	60	Telephone Call	4,200
Community Pharmacies	6	50	Prescriptions Filled	62,300
Veterinarian's Offices	8	10	Patient Visits	2,500
Farms	4	25	Farm Visits	6,200

◀ PAGE 6 ▶ Audiovisual Facilities and Room Usage Data

Part A

General

Refer to Appendix I for the definition of "Audiovisual Teaching Support Facilities".

Specific

Items 1-5 Include all facilities available for use, whether or not they are located in space allocated to Respondent.

Item 6 Answer "yes" to this question only if the "Office of Audiovisual Services" (or equivalent) is within the administrative hierarchy of Respondent's health professions school.

Part B Refer to Appendix I for the definition of "basic biological" and "clinical sciences" instruction. Use line B3 for those instances in which the primary use of instructional facilities cannot be classified as either basic biological science or clinical science. Do not include rooms located in freestanding hospitals or clinics.

Part C "All animal facilities" means those found in both the nonclinical and clinical settings (pages 2A and 2B column I and page(s) 5A/5B column I). The three percentages reported should total 100% unless Respondent has no such facilities. In the latter case, zeroes should be entered in all three boxes. As per the definition of "Animal Facilities", schools of Veterinary medicine should exclude areas for animal patient care.

Part D

- General
- (a) If Respondent is a newly forming school which has, as yet, no students, skip this section.
  - (b) See Appendix II for definition of "Special Purpose Laboratory".
  - (c) Although service areas should not be included in the count of rooms (columns A, D, and G), a room should be considered utilized during the use of its associated service area if such use makes the room itself unavailable.
  - (d) Include allocated space only (from pages 2A and 2B).

Specific

Items

D.1.-D.6.

Columns A, D, G Please note that both classroom-type and auditorium facilities are included.

Columns B, E, H The room usage data for columns B, E and H may be computed as follows:

Step 1 - For each room of a given size and type (e.g., the 1-16 station classrooms of item D.1 column A), find the total number of hours per academic year that the room is occupied for academic purposes.

(continued)

Step 2 - Aggregate the results of step 1 for all rooms of that station-size and room type.

Step 3 - Post the resultant total in the appropriate box (in this case item D.1., column B).

Step 4 - Repeat the process for each size and room type.

Columns C,F,I Curriculum changes and other factors can, over time, cause a mismatch between available room sizes and needed room sizes. For each room size, enter the letter code (see list, below) which best describes the usage problem for that size.

- A. Usually overcrowded to a minor degree (Code = A)
- B. Usually overcrowded to a major degree (Code = B)
- C. For most purposes, size is too large: typically, less than 25% of stations are occupied when room is in use (Code = C)
- D. For most purposes, size is too large: typically, between 25% and 60% of stations are occupied when room is in use (Code = D)
- E. Size is proper for our purposes, but need more rooms of that size (Code = E)
- F. Other problem (specify on page 11) (Code = F)
- G. No particular problem at present (Code = G)

Part E Enter the code letter which best describes the match between current enrollment and the capacity of existing Library space allocated to Respondent:

- A. Room for 20% enrollment growth or more (Code = A)
- B. Some room for enrollment growth (less than 20%) (Code = B)
- C. Currently a good match (Code = C)
- D. Somewhat overcrowded (Code = D)
- E. Highly overcrowded (Code = E)

◀ PAGE 7A ▶ Current Instruction of Respondent's Students

- General
- (a) Report educational activities of "Respondent's students", only. (See definition.)
  - (b) Columns A-D represent time spent in the classrooms, class laboratories, and on-site patient care areas reported on pages 2A, 2B, and 3. Columns E-H refer only to time spent in owned and major affiliated hospitals and clinics reported on pages 5A/5B.

Specific

Item A The years indicated in the stub column ("first year undergraduate", "second year undergraduate", etc.) are meant to correspond to the level of Respondent's instruction being obtained by the student. Thus, all schools with an undergraduate program should report students in the first year of that program as "first year undergraduates", regardless of their previous education. (These levels will not necessarily coincide with the terms "first year student", "second year student", etc., defined under the capitation provisions of the Comprehensive Health Manpower Training Act of 1971.)

Items B.1.-B.2. For those schools in which the length of the academic week or year varies by level of instruction, Respondent should indicate the time period applicable to the majority of the students at the school. If Respondent needs to clarify this situation, he may do so on page 11.

◀ PAGE 7B ▶ Instruction of Respondent's Students: Following Major Curriculum Changes or Innovations

- General
- (a) Complete page 7B only if major curriculum changes or innovations are anticipated or underway. Please provide your best estimates of what the students' activities will be after these changes are implemented.
  - (b) Major curriculum changes and innovations include: significant compression in the number of years of health professions education; major redesign of curricula; increased usage of auto-tutorial, computer-assisted, or audiovisual devices; lengthening of the academic year; etc.
  - (c) Employ instructions for Page 7A.

◀ PAGE 8 ▶ Growth Potential

Specific

Item 3 Answer items 3a and b as though:

- (a) all ongoing and fully authorized construction and remodeling (if any) have been completed;
- (b) any curriculum changes planned during the construction period have been implemented; and
- (c) the size of the student body is that which is to be accommodated upon completion of ongoing and fully authorized construction and remodeling (see page 10, column C).

Enter the needed resources in columns A-N in terms of FTE's, thousands of dollars, thousands of NASF, and numbers, as per column headings.

Item 4 Please enter in the stub, the percentage and number by which the Respondent feels his enrollment as of the survey date could be increased in the short-term (less than two years). Enter required resources in columns A-N in terms of FTE's, thousands of dollars, thousands of NASF, and numbers, as per column headings.

Item 6 Item 6 should describe practical limitations on Respondent's ability to achieve the enrollment increases reported in items 3 and 4: for example, insufficient availability of clinical material; state laws; limitations on further geographical expansion; local zoning ordinances; construction or remodeling codes and regulations; absence of an auditorium; shortage of parking facilities; transportation facilities.

◀ PAGE 9 ▶

Section B Future Construction and Remodeling

General (a) The estimates reported should reflect as realistically as possible such constraints as the projected availability of construction funds, planning lead-time, available operating funds, desired growth rate in the size of the health professional student enrollment, and availability of faculty.

(b) Except for on-site patient care facilities, (see definition) the section excludes hospitals and clinics.

Specific

Item 3 The sum of items 3a-3d must agree with item 1. Where purposes of construction overlap, and clear-cut separations by the four purposes are difficult, please provide your best estimates.

◀ PAGE 10 ▶ Students, Faculty and Support Staff

General Please note the instruction (concerning first year students, second year students, etc.) for items 1-6, page 7A of the questionnaire.

Specific

Items 1-10 See Appendix I for definition of "Respondent's Students".

Items 11-20 Include all students using Respondent's facilities but not considered "Respondent's Students" for the purposes of this survey.

Items 16-20 See Appendix I for definitions of "other students".

Item 23 See Appendix I for the definition of "support staff".

## APPENDIX I

### DEFINITIONS OF TERMS USED IN SURVEY OF HEALTH PROFESSIONS EDUCATION FACILITIES

Academic Week - The number of hours, during one week, available for classroom and class laboratory instruction of full-time health professions students; e.g., a 40 hour week.

Academic Year - The length of time, during one 12-month period, that a health professions school conducts regular undergraduate or graduate education on a full-time basis. Where this period varies by academic level, the academic year shall be defined as that period which serves the majority of the students.

Allocated Facilities - Those facilities whose use is controlled by a health professions school. Any facility used by more than one health professions school should be considered as allocated to that school which exercises authority over its day-to-day use.

Audiovisual Teaching Support Facilities - Those physical areas set aside for the planning, production and use of graphics, photography, films, video tapes, filmstrips, exhibits and other media used predominantly for instructional purposes (including space for the storage and maintenance of these materials and associated equipment needed to use the media).

Average Daily Patient Load - The total number of inpatient days of care (exclusive of newborn) rendered throughout a period of time in a hospital, divided by the total number of days in that period.

Basic Biological Science Instruction Facilities - Those physical areas used solely or primarily for instruction in such subject areas as anatomy, biochemistry, microbiology, pathology, pharmacology and physiology.

Clinical Material - Human or animal patients available for a health professions school's teaching and research purposes.

Clinical Science Instruction Facilities - Those nonpatient-care facilities used solely or primarily for instruction in subject areas dealing with the health, observation, diagnosis and treatment of patients.

Condition of Space - Space is in satisfactory condition if it is physically sound and suitable to Respondent's program purposes, even though it might be overcrowded. Space should be remodeled if, in order to effectively accommodate the activity for which it is used, it needs alteration, modification, reconditioning, rehabilitation, renovation, major repair (excluding routine maintenance), or changes in fixed equipment, architectural features, heating, lighting, electrical power, safety features, air conditioning or ventilation. Space should be replaced if it is structurally unsound or if its nature is such that to make it satisfactory for the purpose used, it would be economically advisable to replace rather than remodel it.

Continuing Education Student - Usually, a practicing professional who receives specialized training at a health professions school as a supplement or refresher to his previous education.



Freestanding Hospital or Clinic - A freestanding hospital or clinic is one which is in a building (1) structurally separate from other buildings; or (2) not structurally separate but structurally distinguishable from the building to which it is attached (e.g., a hospital might be contained in a wing or wings of a building).

FTE - Full Time Equivalent of Part-Time Faculty - Total hours of scheduled time provided by a part-time faculty member over one year, divided by the average yearly hours of reimbursed time for a full-time faculty member. (Where this definition conflicts with the respondent's method of computing FTE's of part-time faculty, the respondent's method shall apply.)

FTE - Full-Time Equivalent Student - A student's total semester hours of study during an academic year, divided by the prescribed number of semester hours of study for a full-time student of the comparative level. (Where this definition conflicts with the respondent's method of computing FTE's of students, the respondent's method shall apply.)

Full-Time Faculty - Teaching and research staff employed by a health professions school on a full-time basis during the academic year. Faculty on a geographic full-time basis shall be counted as full-time.

Graduate Health Professions School - A school offering only advanced health professions training which does not lead to the first health professional degree.

Graduate Health Professions Student - A student obtaining health professions education either (1) above the baccalaureate level, but not leading to the first health professional degree in his field of endeavor; or (2) beyond the first health professional degree. The student may or may not be enrolled for a degree. Interns and residents, and postdoctoral or continuing education students should not be included as graduate students.

GSF - Gross Square Feet - Please refer to Floor Plan I, page 5.

Health Professions School - A school of dentistry, medicine, optometry, osteopathy, pharmacy, podiatry, public health or veterinary medicine.

Health Technologies - See "Other Students", category 2.

HPEA - Health Professions Educational Assistance Act of 1963, P.L. 88-129, as amended. Federal grant-in-aid program for construction and remodeling of health professions education facilities, and other purposes. As used in this survey, "HPEA" shall be defined as consisting of the following legislation:

- P.L. 88-129 Health Professions Educational Assistance Act of 1963
- P.L. 89-290 Health Professions Educational Assistance Amendments of 1965
- P.L. 90-490 Health Manpower Act of 1968
- P.L. 92-157 Comprehensive Health Manpower Training Act of 1971.

IMPAC Code - An internal computer code used by NIH.

Joint-Use Facilities - Facilities used by two or more separately administered schools, one (or more) of which is a health professions school. These facilities may be: (1) provided to a health professions school by the parent university, or by a non-health professions school or department under its control (e.g., a College of Biological Sciences); (2) provided by the health science center of the university; or (3) allocated to one health professions school but shared with, or used by, another school of the university.

Locale (of Health Professions School, Hospital or Clinic) -

- Inner City - The low-income area(s) of a city (if any exist).
- Outer City - Outside of the inner city area(s) but within the city limits.
- Suburban - Outside of the city limits but within the metropolitan area.
- Rural - Beyond the metropolitan area of a city.

Major Affiliated Hospital or Clinic - For purposes of this survey, a major affiliated hospital or clinic is one that is considered to be indispensable to the educational program of Respondent's institution because it is: used as a major teaching unit; or offers necessary programs not available at other hospitals and clinics.

NASF - Net Assignable Square Feet - Please refer to Floor Plan III, page 7.

NSF - Net Square Feet - Please refer to Floor Plan II, page 6.

New Construction - Construction of an entire building or addition to an existing building.

Ongoing or Fully Authorized Construction and Remodeling - (1) Construction or remodeling that is underway as of the survey date; (2) construction or remodeling activities which have not begun as of the survey date but which have been approved by all parties whose funding and other authorizations are required prior to their start; and (3) construction or remodeling which is complete, but not yet occupied as of the survey date.

Other Hospitals and Clinics - For purposes of this survey, "other hospitals and clinics" are those that are used by Respondent for teaching purposes, but not as major units in the school's teaching program.

Other Students - For purposes of this survey, students in educational programs leading to the following types of positions in the health field shall be considered "other students":

1. Physician assistants;
2. Health Technologists - Radiologic, medical, dental and inhalation technologists, physical and occupational therapists, medical technicians, hygienists, and other positions in the allied health specialties;
3. Nurses (baccalaureate, associate degree, diploma);
4. Other - Nursing assistants, practical nurses, and all other positions in the health area not covered by the first three categories.

Outpatient Visit - A visit by a patient to a hospital, clinic, or other health care facility for diagnosis or treatment on an ambulatory basis.

Overcrowding - For purposes of this survey, a room shall be considered overcrowded if it does not properly accommodate the number of students, faculty, staff or equipment necessary to effectively conduct the activities for which it is used. Where these conditions occur sporadically, and represent no more than an intermittent inconvenience, the room shall not be considered overcrowded. Where these conditions cause major interferences with the school's effective use of the space, the room shall be considered overcrowded.

Owned Space - Facilities owned by a health professions school or its parent institution.

Parent Institution - Central or coordinating organizational unit of an institution of higher education which offers two or more separately administered educational curricula, at least one of which is a health professions curriculum. Typically, the central administration of the university, or a health sciences center.

Part-Time Faculty - Teaching and research faculty employed on less than a full-time basis by the school, whether on a paid or voluntary basis.

Remodeling - Renovation, rehabilitation, alteration, major repair (excluding routine maintenance), reconditioning, modification, or changes in architectural features, fixed equipment, heating, lighting, electrical power, air conditioning or ventilation.

Rented, Leased or Other Space - Facilities available for use by a health professions school on a rental, lease, or other basis, but not owned by the school or its parent institution.

Respondent's Students - Unless specifically stated otherwise, "Respondent's students" should be construed to mean Respondent's students of Dentistry, Medicine, Pharmacy, Podiatry, Public Health, Optometry, Osteopathy, or Veterinary Medicine, whichever is applicable. Other students, (e.g., allied health) either taught by Respondent's faculty, using Respondent's facilities, or both, should not be included except as explicitly requested.

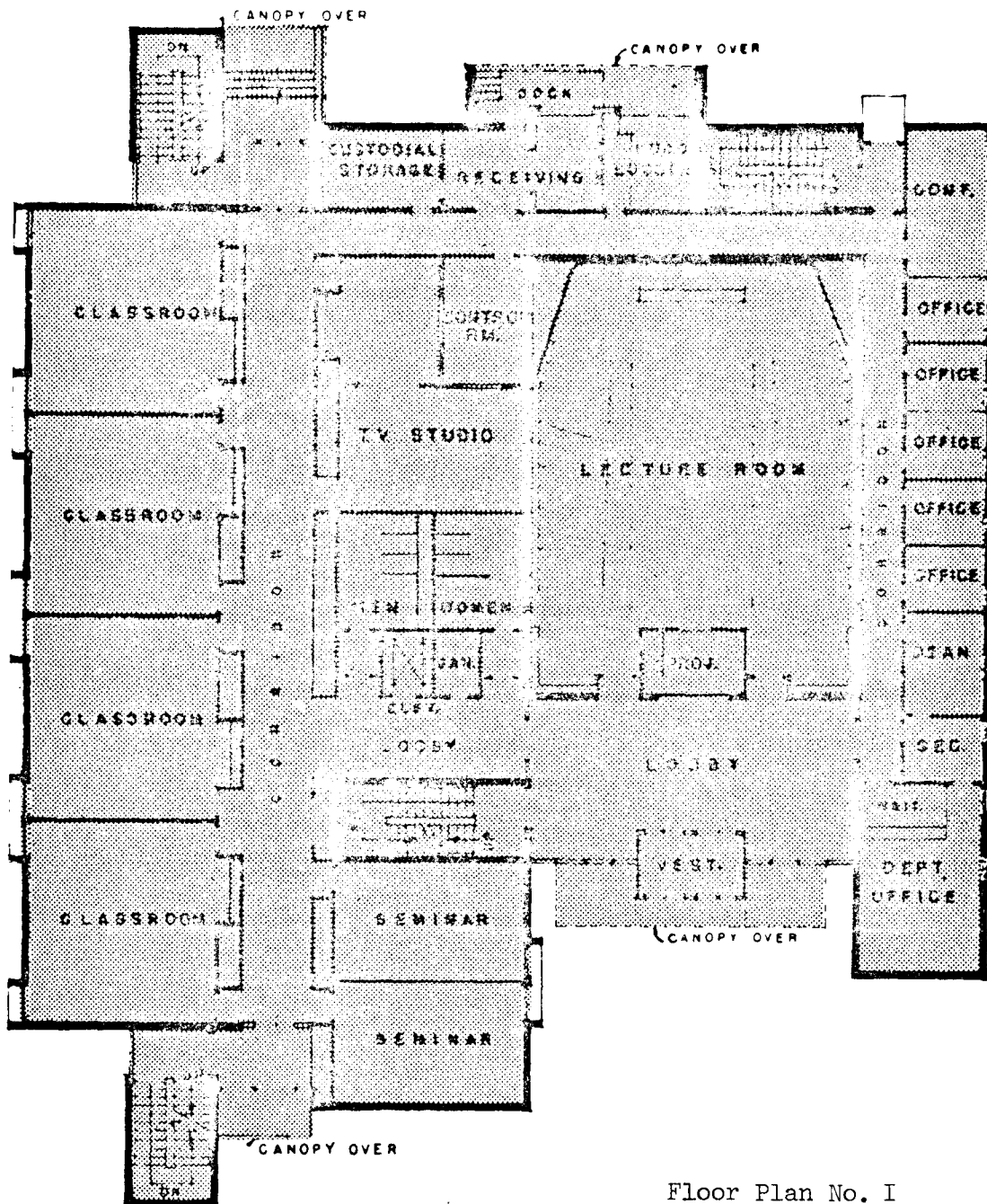
Room-Hour - A unit of measurement of room usage. It is defined as the use of one room, by one or more persons, for academic purposes, for one hour.

Student Stations - Seats, work stations, carrels, etc., available for use by students in classrooms, class laboratories, research areas, libraries, study halls, and assembly facilities.


Support Staff - All individuals on the school's payroll, regardless of rank (including student help), except full-time and part-time teaching and research faculty.

Type I, II, III Animal Facilities - See definition of "Animal Facilities" in Appendix II.

Undergraduate Health Professions Student - A student working toward the first health professional degree in one of the following eight health professions: dentistry, medicine, optometry, osteopathy, pharmacy, podiatry, public health, veterinary medicine.

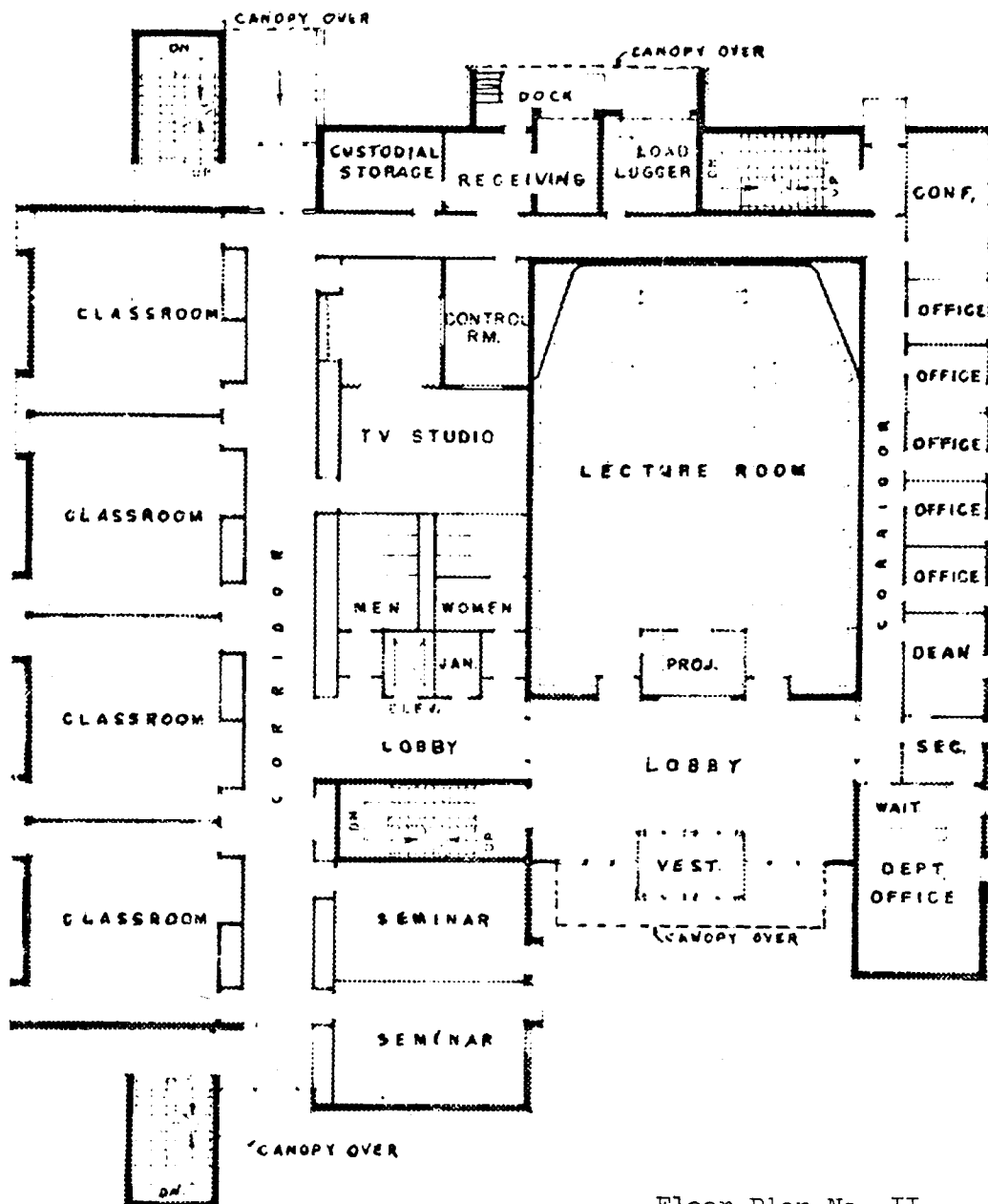


Floor Plan No. I

Key: GSF (Gross Square Footage) = 

The Gross Square Footage of a building should be construed to mean the sum of the floor areas included within the outside faces of exterior walls for all stories, or areas, which have floor surfaces.

Open courts and light wells, or portions of upper floors eliminated by rooms or lobbies which rise above single-floor ceiling height, should not be included in GSF.

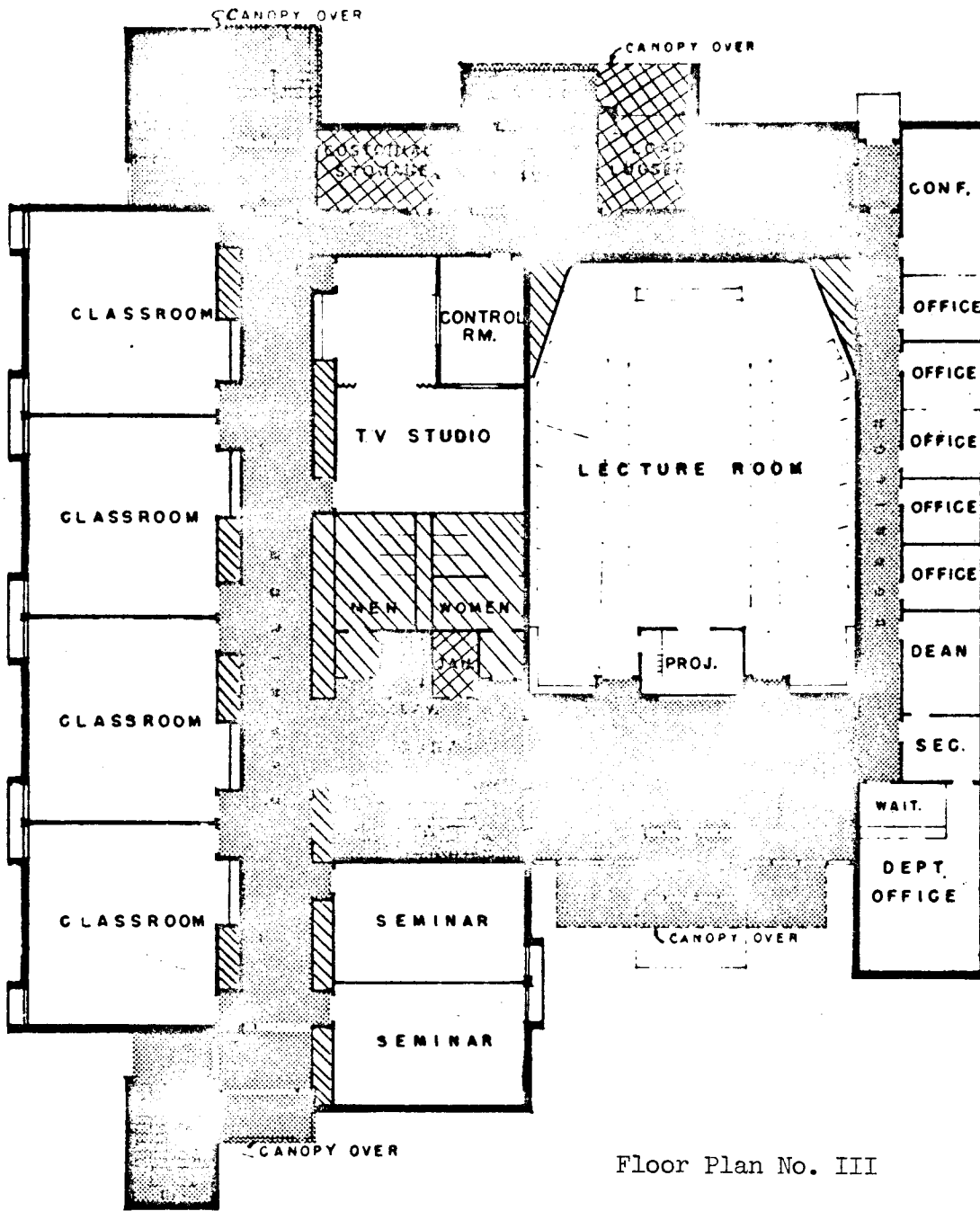


Key: NSF (Net Square Footage) =


Net Square Footage is the difference between GSF (see Floor Plan I) and "Construction Area" (the dark portions of Floor Plan II).

"Construction Area" is simply that portion of the gross area which cannot be put to use because of the presence of structural features of the building.


Examples of areas normally classified as construction area are exterior walls, fire walls, permanent partitions, and unusable areas in attics, basements, or comparable portions of the building.



Floor Plan No. III


Key: NASF (Net Assignable Square Footage) = 

Net Assignable Square Footage should be construed to mean all areas of a building which are assigned to, or available for assignment to, an occupant, including every type of space functionally usable by an occupant (excluding circulation, mechanical, and custodial areas as defined below).

Key: Circulation Areas = 


"Circulation Area" should be construed to mean that portion of the gross area--whether or not enclosed by partitions--which is required for physical access to some subdivision of space.

Circulation areas should include, but not be limited to: corridors (access, public, service, also "phantom" for large unpartitioned areas); elevator shafts; escalators; fire towers or stairs; stairs and stair halls; loading platforms (except when required for operational reasons and, thus, includable in net assignable area); lobbies (elevator, entrance, public, also public vestibules).

Key: Mechanical Areas = 

"Mechanical Area" should be construed to mean that portion of the gross area designed to house mechanical equipment, utility services, and non-private toilet facilities.

Mechanical area should include, but not be limited to: Air-duct shafts; boiler rooms; fixed mechanical and electrical equipment rooms; fuel rooms; mechanical service shafts; meter and communications closets; service chutes; stacks; and non-private toilet rooms (custodial and public).

Key: Custodial Areas = 

"Custodial Area" should be construed to mean the sum of all areas on all floors of a building used for building protection, care, maintenance, and operation.

Included should be such areas as custodial, locker rooms, janitors' closets, maintenance storerooms.

## APPENDIX II

### DEFINITIONS OF ROOM TYPES

#### SURVEY OF HEALTH PROFESSIONS EDUCATION FACILITIES

The taxonomy of room-type codes used in this survey is based on the U. S. Office of Education's "Higher Education Facilities Classification and Inventory Procedures Manual", Publication OE-51016. Notably, while our room-type definitions use these codes as a starting point, the focus upon health professions education facilities may require reappraisal of the codes currently assigned to rooms, in order that the rooms be reported properly on the questionnaire. Also please note that room classifications are a function of physical characteristics and usage, rather than physical location.

Classroom-Type Instructional Space - Space used by classes which do not require special-purpose equipment for student use. Included in this category are rooms generally referred to as general purpose classrooms, lecture rooms, lecture-demonstration rooms, seminar rooms, conference rooms (if used for teaching) and associated service areas. The following room types are included in this category for the purpose of this survey:

- 110 - Classroom
- 115 - Classroom Service
- 350 - Conference Room (used for teaching)
- 355 - Conference Room Service (by association with conference room)

This category does not include conference rooms whose primary function is that of administrative meetings (as opposed to classes).

Class Laboratories - Space used by regularly scheduled classes which require special-purpose equipment for individual or group participation, experimentation, observation, or practice in a field of study. Also included are all associated class laboratory facility service areas. The following room types are included in this category for the purpose of this survey, except as specifically noted in the instructions:

- 210 - Class Laboratory
- 215 - Class Laboratory Service (excluding animal rooms)
- 220 - Special Class Laboratory
- 225 - Special Class Laboratory Service
- 230 - Individual Study Laboratory
- 235 - Individual Study Laboratory Service

Important: Certain types of class laboratories may be used for both patient-care purposes and for instructional activities not actually involving patients. Where this occurs, Respondent should treat such facilities as patient-care facilities for reporting purposes. Thus, any rooms used for patient care should not be reported under "class laboratories".

Special-Purpose Class Laboratory - (A subset of room types 210 through 235). This definition is to be used only when reporting room use data. A Special-Purpose Class Laboratory is a class laboratory that is equipped and oriented to serve a single or unique purpose (such as a gross anatomy laboratory) in the instruction of a health professions student.



Research and Research Training Space - Space used for laboratory applications, research, and/or training in research methodology, which requires special-purpose equipment for staff and/or graduate student experimentation or observation. Included in this category are rooms generally referred to as research laboratories, research laboratory-offices, and associated service areas. The following room types are included in this category for the purpose of this survey:

- 250 - Non-Class Laboratory
- 255 - Non-Class Laboratory Service (excluding animal rooms)
- 310 - Office (Research)
- 315 - Office Service (Research)

Library Space - Space used for the orderly collection, storage and retrieval of knowledge. In determining whether a facility which houses books and similar material shall be reported as library space, both of the following criteria must be met:

- a. At least one full-time attendant is present.
- b. There is systematic administration and prosecution of programs of acquisition, cataloging, and reference work.

Library space may be housed in a central location or it may be decentralized and housed in two or more separate facilities of varying size. However, each such facility must meet the criteria in order to qualify as library space. Include study rooms, book storage rooms, reading rooms, carrels, individual study stations, study booths, library processing rooms, library administrative areas, and associated library facilities service areas which are directly related to library functions. The following room types shall be included in this category for the purpose of this survey:

- 310 - Office (Library)
- 315 - Office Service (Library)
- 350 - Conference Room (Library)
- 355 - Conference Room Service (Library)
- 410 - Study Rooms
- 420 - Stacks
- 430 - Open-Stack Reading Rooms
- 440 - Library Processing Rooms
- 455 - Study Facilities Service

Auditoriums - Rooms designed and equipped for the assembly of large numbers of people. The following room types are included in this category for the purpose of this survey:

- 610 - Assembly Facilities
- 615 - Assembly Facilities Service

A large lecture hall should be reported as an auditorium if its seating capacity is at least twice the size of Respondent's most recent entering class of Health Professions students (to the exclusion of allied health, etc.).

If the Respondent should substitute any of the following large facilities of a university for auditoriums, they may be reported as auditoriums:

- 510 - Armory Facilities
- 515 - Armory Facilities Service
- 520 - Athletic-Physical Education Facilities
- 523 - Athletic Facilities Spectator Seating
- 525 - Athletic-Physical Education Facilities Service

Faculty Offices - Rooms used by faculty working at a desk or table. Included in this category is all office space which is: (1) assignable to members of the teaching faculty whose primary function is that of teaching; or (2) used by graduate and teaching assistants. The office space assigned to a department head whose primary function is that of teaching thus should be included in this faculty office category. However, the office space of a dean whose primary function is that of administrator should not be included in the faculty office category but should be included under "Administrative Offices and Areas". The following room types are included in this category for the purpose of this survey:

- 310 - Office (Faculty)
- 315 - Office Service (Faculty)

Administrative Offices and Areas - Rooms used by support staff working at a desk or table. Included in this category are rooms generally referred to as administrative offices, clerical offices, and administrative conference rooms, as well as all associated service areas. The following room types are included in this category for the purpose of this survey:

- 310 - Office (Administrative)
- 315 - Office Service (Administrative)
- 350 - Conference Room (Administrative)
- 355 - Conference Room Service (Administrative)

Animal Facilities - For the purposes of this survey, animal facilities for instruction and research are those physical areas associated with laboratory animal care, whether physically dispersed or in one location. Schools of Veterinary Medicine should exclude from this category all inpatient and outpatient diagnostic and care facilities for animal patients but should include animal resource farms if controlled or operated by Respondent.

Only the following areas should be included (exclude open pasture and other wholly nonsheltered areas):

Type I - Completely enclosed animal rooms with environmental controls; including animal service areas, such as cage washing and sterilization, receipt and processing, storage, office space, incinerator or protected area for refuse, X-ray facilities, diagnostic laboratory necropsy, surgery.

Type II - Combination indoor-outdoor housing and restricted exercise areas, such as kennels with runs, indoor-outdoor primate facilities, etc. (include both indoor and outdoor space).

Type III - Shelters with no environmental controls (e.g., barns, open sheds, etc.).

The following room types are among those included as animal facilities for instruction and research:

- 215 - Class-Laboratory Service (Animal rooms only)
- 255 - Non-Class Laboratory Service (Animal rooms only)

On-Site Patient Care Facilities - Inpatient and ambulatory care facilities (and associated service areas) which are located within Respondent's didactic buildings. The following list of room types may have been used as a starting point for the classification of such "on-site" facilities, but may not be exhaustive.

- 810 - Human Hospital-Clinic Facilities
- 815 - Human Hospital-Clinic Facilities Service
- 820 - Human Hospital-Patient Care Facilities
- 825 - Human Hospital-Patient Care Facilities Service
- 840 - Dental Clinic Facilities
- 845 - Dental Clinic Facilities Service
- 850 - Veterinary Hospital-Clinic Facilities
- 855 - Veterinary Hospital-Clinic Facilities Service
- 860 - Veterinary Hospital-Animal Care Facilities
- 865 - Veterinary Hospital-Animal Care Facilities Service

Other Space - Include in this category all remaining net assignable space not accounted for in the above listed categories, but used for, or in support of, the educational process. For the purpose of this survey, the following room types are included under "Other Space"; but may not be an exhaustive listing:

- 510 - Armory Facilities\*
- 515 - Armory Facilities Service\*
- 520 - Athletic-Physical Education Facilities\*
- 523 - Athletic Facilities Spectator Seating\*
- 525 - Athletic-Physical Education Facilities Service\*
- 530 - Audio-Visual, Radio, TV Facilities
- 535 - Audio-Visual, Radio, TV Facilities Service
- 540 - Clinic Facilities (Non-Medical)
- 545 - Clinic Facilities Service (Non-Medical)
- 550 - Demonstration Facilities
- 555 - Demonstration Facilities Service
- 560 - Field-Service Facilities
- 590 - Other Special-Use Facilities
- 595 - Other Special-Use Facilities Service
- 620 - Exhibition Facilities (Non-Instructional)
- 625 - Exhibition Facilities Service (Non-Instructional)
- 630 - Food Facilities (Outside of Residence Halls)
- 635 - Food Facilities Service (Outside of Residence Halls)
- 640 - Health Facilities (Student)
- 645 - Health Facilities Service (Student)
- 650 - Lounge Facilities
- 655 - Lounge Facilities Service
- 660 - Merchandising Facilities (Bookstore, etc.)
- 665 - Merchandising Facilities Service

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\* If these facilities are used as auditoriums, do not include as "Other Space".

- 670 - Recreation Facilities
- 675 - Recreation Facilities Service
- 690 - Other General-Use Facilities
- 695 - Other General-Use Facilities Service
- 710 - Data Processing-Computer Facilities
- 715 - Data Processing-Computer Facilities Service
- 720 - Shop Facilities
- 725 - Shop Facilities Service
- 730 - Storage Facilities
- 735 - Storage Facilities Service
- 740 - Vehicle Storage
- 745 - Vehicle Storage Service
- 750 - Central Food Stores
- 760 - Central Laundry
- 790 - Other Supporting Facilities
- 795 - Other Supporting Facilities Service

NOTES:

The following room types are excluded from the survey:

- 910 - Residence for Single Persons
- 911 - Dormitory
- 912 - Food Service in Residence Halls
- 920 - One-Family Dwelling
- 930 - Multiple Family Dwelling

Also, exclude the following "nonassignable" areas when reporting the square footage of the above room types:\*

- 010 - Custodial Area
- 020 - Circulation Area
- 030 - Mechanical Area
- 040 - Construction Area

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\* There are a limited number of boxes on the questionnaire dealing with Gross Square Feet and Net Square Feet where codes 010, 020, 030 and 040 are included.

GENERAL INFORMATION AND INSTRUCTION PAMPHLET

SURVEY OF HEALTH PROFESSIONS EDUCATION FACILITIES  
IN THE PUBLIC AND PRIVATE NONPROFIT INSTITUTIONS  
OF THE UNITED STATES--1973

PURPOSE AND SCOPE

One of the basic missions of the Bureau of Health Manpower Education, National Institutes of Health, is to overcome today's health manpower shortage that adversely affects the delivery of health care in the Nation. Extensive professional judgment holds that insufficient and inadequate health professions educational facilities may be among the primary causes impeding the production of the necessary manpower.

The Division of Physician and Health Professions Education of the Bureau of Health Manpower Education considers it essential to conduct a national mail survey to verify and identify any existing facility inadequacies in health professions schools. This will be done by type of school, geographic location, and other factors. The survey will also assess the capacity of schools to increase their manpower outputs within existing resources. Survey results, in conjunction with other information, will assist the Executive Branch of the Government and the Congress to define more accurately their goals and priorities in the health area, and will aid in formulating a solution to the facilities aspects of the manpower problem.

Although many reports and studies bear on the facilities problem, none approaches the in-depth effort proposed by this survey. While it is recognized that the survey imposes a major demand on the respondent institutions, it is felt that such a survey is essential if we are to develop meaningful facilities data aimed ultimately at aiding all types of health professions schools and significantly advancing the Nation's health care system.

Please be assured that the data you provide will be treated as professionally privileged. Reports prepared from the survey will not reveal specific data of any single institution. A copy of the final report will be forwarded to each respondent.

SUBJECT MATTER OF SURVEY

Data is sought on the amount, types, and condition of space currently used for undergraduate, graduate, and continuing education in the Nation's health professions schools. Information is also sought as to the numbers of students, faculty and support staff occupying the space, and the degree of overcrowding, if any. The intensity of space utilization will be studied, as well as information concerning the various needs or problems confronting the respondents. Data on ongoing construction and remodeling, and a projection of future such activities round out the survey.

DEVELOPMENT OF THE SURVEY

Initial planning of the survey began in July, 1970. Objectives, uses and justification of the survey were carefully spelled out. A contract was let

with Rensselaer Research Corporation (now, RRC International, Inc.) of Troy, New York to assist in this major undertaking. A panel of 13 consultants, representing the eight health professional disciplines and expertise in teaching support services, libraries and hospitals, was appointed and met periodically with NIH and RRC to provide advice and guidance in the survey. All the health professions school associations, as well as interested Federal and non-Federal agencies, were also consulted and their advice sought. Finally, the survey forms were pretested at nine health professions education institutions prior to the full-scale mailing to approximately 300 existing and developing schools of dentistry, medicine, optometry, osteopathy, pharmacy, podiatry, public health and veterinary medicine.

#### DEFINITIONS

Due to the variety of health professions schools being surveyed, it is anticipated that much of the terminology relevant to this effort will not be standard over the nation. To help assure compatibility in reporting procedures, those terms most critical to the proper completion of the questionnaire have been defined in Appendices I and II.

Appendix II, containing the definitions of various facilities types (and corresponding directly with the reporting requirements of the survey instrument) has been separated from Appendix I for ease of reference.

#### DUE DATE AND RETURN OF QUESTIONNAIRES

The questionnaires should be completed and forwarded to the following address by June 30, 1973:

Health Professions Facilities Survey  
RRC International, Inc.  
1125 Peoples Avenue  
Troy, New York 12181

OVERVIEW OF PARENT INSTITUTION QUESTIONNAIRE (BLUE)

This questionnaire, to be completed by the parent institution, deals solely with joint-use space provided by the parent institution (or by a non-health professions school, department or health science center under its jurisdiction) to its health professions schools.

- Page 1: Identifies and characterizes parent institution.
- Page 2: Obtains the current inventory of joint-use space.
- Page 3: Requests data on ongoing and fully authorized construction and remodeling of joint-use facilities.
- Page 4: Obtains data on the Audiovisual Teaching Support Services provided by the parent university, and attempts to determine parent institution's construction plans for joint-use facilities over the next 10 years.
- Page 5A/  
5B: Obtains data as to the current inventory, ongoing construction, and projected 1983 construction plans for University owned hospitals.
- Page 6: Solicits Respondent's general comments or clarifications as to any of his responses to the questionnaire.

GENERAL INSTRUCTIONS

1. It is urged that the instructions in this pamphlet be utilized while the questionnaire is being completed. Circled item numbers on the questionnaire indicate items for which necessary instructions have been provided. Should any question arise regarding the proper reporting of space, or interpretation of instructions, definitions, and terminology please call RRC International, Inc. collect at:

518-274-8112	Monday through Friday
-8114	between the hours of 8:30 A.M. and 5:00 P.M.
-8242	(Eastern Time Zone)

Individuals qualified to discuss the form will be available for your assistance.

It is also suggested that much time and effort may be saved if Appendices I and II are studied prior to any attempt to complete the questionnaire.

2. The survey pretest indicated that a critical first step in the data-gathering phase of Respondent's effort is the development of a room-by-room listing of all facilities currently available for joint-use. Many campuses will have such a listing, at least on a campus-wide basis, as a result of the Office of Education's HEGIS efforts (Higher Education General Information Survey). In other cases, floor plans will provide an acceptable substitute for the room-by-room listing.

For each room used by at least one health professions school, but not allocated to a health professions school, the following information should be listed:

- (a) Type of room.
- (b) Ownership of building in which room is located.
- (c) Floor area.
- (d) Number of student stations.
- (e) Condition of the room as related to its use (satisfactory for purpose used, needs remodeling, needs replacement).
- (f) Whether or not room was at least partially constructed or remodeled with HPEA assistance.

The same data elements (except for condition of space) should also be obtained for:

- (a) rooms in buildings which are undergoing construction or are fully authorized for construction and will, upon completion, be jointly utilized; and
- (b) rooms of the types defined in Appendix II which are found in University-owned Hospital and Clinic facilities.

Proper tallying of subsets of the above data will essentially yield the information necessary to fill out pages 2 and 3. Data for the remainder of the form will be found in a variety of offices.



3. All square footage and dollar figures over the value 500 shall be rounded to the nearest thousand and stated in thousands. For example, 23,748 net assignable square feet shall be reported as 24; 17,500 would be reported as 18; \$17,499 as \$17. Figures under 500 should be rounded and reported as one-place decimal portions of 1000. Thus 380 square feet would be reported as .4.
4. Please note that not all pages or boxes will be completed by all Respondents. The various pages and the large number of boxes are included in the questionnaires so that every Respondent will be able to provide the entries that pertain to his school. Boxes which do not apply to Respondent may either be filled with zeroes or left blank.
5. All space in residence halls (dormitories, food service areas, etc.) is excluded from this survey.
6. The term "as of the survey date" as used in these instructions refers to the approximate date of Respondent's receipt of this survey package.

PAGE-BY-PAGE INSTRUCTIONS FOR COMPLETING THE  
PARENT INSTITUTION QUESTIONNAIRE (BLUE)

General This form deals solely with joint-use space provided by the parent institution (or by a non-health professions school, department, or health science center under its jurisdiction) to its health professions schools. If no joint-use space is provided (or planned), the parent institution shall complete only page 1 of the form.

◀ PAGE 1 ▶ General Information

General Certain data may have been entered from NIH's computer files. Please correct any erroneous entries and fill in any blank items.

Specific

Item 2 The IMPAC code is an internal code used by NIH. Do not specify this code if it has been left blank.

Item 4 Check the designations that best describe the health professional curricula administered by Respondent. Check box (i) only if parent institution has a combination school (such as a School of Medicine and Dentistry) whose facilities are inseparable by type of school. If Respondent has a combination school whose component schools use separate facilities, Respondent should report them as separate schools. If box (i) is checked, please indicate in the space provided the letter codes (a through h) identifying the health professions programs that constitute this combination school.

◀ PAGE 2 ▶ Joint-Use Facilities Used by Health Professions Schools

- General
- (a) This page elicits the nature and extent of the joint-use space currently provided to health professions schools. It thus covers space which the health professions schools use, but which is not allocated to any one of them.
- (b) Report only that space which is available for use as of the survey date.

Specific

Item 1 Report in columns B through J the total net assignable square feet (NASF) of joint-use space of the types referred to in the column headings. Please see Appendix II for the definitions of these types of space. Do not include facilities being constructed as of the survey date (these will be reported on page 3). Space which is currently unavailable for use due to remodeling should be reported as "other space" (column J).

Item 2 See Appendix I for the definition of "condition of space".

- Item 4 The number of student stations in "Library Space" may be approximated by a count of the number of chairs available for student seating in all library areas.
- Item 5 Do not include service areas when reporting number of rooms.
- Item 6 Even if a given room was only partially funded with HPEA aid, include that room's total NASF. (See definition of HPEA.)
- Items 7-10 Similar to instructions for items 1, 2, 4, and 5.

◀ PAGE 3 ▶

Ongoing and Fully Authorized Construction and Remodeling of Joint-Use Facilities

- General
- (a) Report only that construction or remodeling of joint-use facilities which will not be allocated to any health professions school but which will be used by at least one such school upon completion.
- (b) Do not report any past construction or remodeling.

Specific

- Items A.1 and A.2 These items attempt to obtain a total overview of the ongoing construction and remodeling of joint-use space. (See Appendix I for definitions of gross and net square feet.) Respondent should report a pro-rata share of the costs, GSF, and NSF of buildings which will contain both joint-use and allocated facilities. This share may be computed by finding the NASF of the entire building, and calculating the fraction which is to be used as joint-use space. This fraction may then be applied to both cost and square footage figures prior to posting.

In column d ("NSF of HPEA ASSIST.") enter the Net Square Footage of space whose remodeling or construction was at least partially funded with HPEA assistance. (See Appendix I for definition of HPEA.)

- Item B The sum of items a-d must agree with item 2, column b. Where purposes of construction overlap, and clear-cut separations by the four purposes are difficult, please provide your best estimates.
- Items C.2.a-C.2.i Report the same fractional parts (of the actual amount from each source) as used in items A.1. and A.2, unless more specific data are available.
- Item D.1 Confine the reporting of remodeling to only those rooms that are actually undergoing remodeling (or are fully authorized to be remodeled). When remodeling converts space from one room type to another, report the space in terms of the new room type. If any space being remodeled was included in "other space" (column J) on page 2, it should now be reported under the appropriate column headings.
- Items E.1-E.4 In estimating the revised inventory of joint-use space, include all ongoing and fully authorized construction and those portions of the space reported on page 2 which will be retained as joint-use space.

In item E.3 the number of student stations in library space may be

approximated by a count of the number of chairs expected to be available for student seating in all library areas.

When reporting numbers of rooms in item E.4, do not include service areas.

◀ PAGE 4 ▶

Section A Refer to Appendix I for the definition of "Audiovisual Teaching Support Facilities".

Section B Future Construction and Remodeling

General The construction plans for joint-use facilities should reflect as realistically as possible such constraints as the projected availability of construction funds, planning lead-time, available operating funds, desired growth rate in the size of the health professional student enrollment, availability of faculty, etc.

Specific

Item 3 The sum of items a-d must agree with item 1. Where purposes of joint-use construction overlap, and clear-cut separations by the four purposes are difficult, please provide your best estimates.

◀ PAGE 5A  
and 5B ▶

University Owned Hospital(s) and Clinic(s)

- General
- (a) Do not report a hospital or clinic used by only one health professions school.
  - (b) A separate page should be prepared for each owned hospital or clinic reported.
  - (c) Column H (Administrative Offices) should include only those offices assigned to administrative personnel of an educational program (e.g., Dean of Students or Registrar). Such offices as the admitting office, hospital administrator, finance office, maintenance office, etc., should be excluded.
  - (d) Column I (Animal Facilities) excludes laboratory and associated service facilities for animals used for diagnostic purposes.
  - (e) If Respondent does not presently own a hospital or clinic and is not currently constructing or remodeling one, write "NONE" across the page in bold letters and continue to page 6.

Section A

Specific

Item 3 See Appendix I for definition of "Locale".

Item 4 Report the GSF of the entire hospital or clinic even though students may use only a portion of that facility for academic purposes. (See Appendix I for definition of Gross Square Feet).

- Items 5 and 6 Even if a given room was only partially funded through the HPEA Act (see definition) include that room's total Gross or Net Square Footage, as appropriate. (See Appendix I for definition of Net Square Feet.)
- Item 7 For schools of Veterinary Medicine, substitute ANIMAL HOLDING UNITS for "beds".
- 4B  
Item 8b For a given room, the number of patient stations shall be the number of patients who could be treated simultaneously in that room. Aggregate and report the total number of patient stations in all examining and treatment rooms used for student instruction.
- Item 12 Do not include service areas when reporting number of rooms.
- Item 13 For each type of space, the need for additional NASF is equal to the total NASF needed (for health professions students only--see Appendix I for definitions) minus the NASF available for use as of the survey date.
- In determining NASF available, do not include space involved in ongoing construction and remodeling unless it represents space which is currently usable. (It is recognized that completion of ongoing construction and remodeling may reduce some or all of the needs reported.)
- Item 14 The list below indicates five possible reasons for the needs expressed in item 13. For each type of space needed, enter in item 14 the letter code of the reason which best applies:
- A. Relief of overcrowding (Code = A)
  - B. Poor physical condition (Code = B)
  - C. Replacing obsolete space (Code = C)
  - D. Missing from current inventory (Code = D)
  - E. Other (specify on page 6) (Code = E).
- Item 16 The sum of a, b, and c should equal item 10, column A.

### Section B

General Do not report any past construction or remodeling.

### Specific

- Items 1a and 1b  
Column 4 Even if a particular room was only partially funded with HPEA assistance, include that room's total net square footage.
- Item 2 Answer only if ongoing and fully authorized construction and remodeling will result in a change to the number of beds and/or patient stations available for student use. If the number of beds and/or patient stations will decrease, report the decrease by inserting a minus sign in front of the difference.

- Item 3 The sum of items a-d must agree with item 1b, column 2. Where purposes of construction overlap, and clear-cut separations by the four purposes are difficult, please provide your best estimates.
- Item 6 In estimating the revised inventory, include all ongoing and fully authorized construction, and those portions of the current inventory which will be retained.
- Item 7 In estimating the remaining need, first estimate that enrollment to be accommodated upon completion of the construction and remodeling.
- Item 8 See instructions for item 14 in section A.

Section C

- Item 1 Answer all questions in terms of space available for use by health professions students.
- Item 2 The sum of items a-d should equal the figure reported in item C.1.b.

## APPENDIX I

### DEFINITIONS OF TERMS USED IN SURVEY OF HEALTH PROFESSIONS EDUCATION FACILITIES

Academic Week - The number of hours, during one week, available for classroom and class laboratory instruction of full-time health professions students; e.g., a 40 hour week.

Academic Year - The length of time, during one 12-month period, that a health professions school conducts regular undergraduate or graduate education on a full-time basis. Where this period varies by academic level, the academic year shall be defined as that period which serves the majority of the students.

Allocated Facilities - Those facilities whose use is controlled by a health professions school. Any facility used by more than one health professions school should be considered as allocated to that school which exercises authority over its day-to-day use.

Audiovisual Teaching Support Facilities - Those physical areas set aside for the planning, production and use of graphics, photography, films, video tapes, filmstrips, exhibits and other media used predominantly for instructional purposes (including space for the storage and maintenance of these materials and associated equipment needed to use the media).

Average Daily Patient Load - The total number of inpatient days of care (exclusive of newborn) rendered throughout a period of time in a hospital, divided by the total number of days in that period.

Basic Biological Science Instruction Facilities - Those physical areas used solely or primarily for instruction in such subject areas as anatomy, biochemistry, microbiology, pathology, pharmacology and physiology.

Clinical Material - Human or animal patients available for a health professions school's teaching and research purposes.

Clinical Science Instruction Facilities - Those nonpatient-care facilities used solely or primarily for instruction in subject areas dealing with the health, observation, diagnosis and treatment of patients.

Condition of Space - Space is in satisfactory condition if it is physically sound and suitable to Respondent's program purposes, even though it might be overcrowded. Space should be remodeled if, in order to effectively accommodate the activity for which it is used, it needs alteration, modification, reconditioning, rehabilitation, renovation, major repair (excluding routine maintenance), or changes in fixed equipment, architectural features, heating, lighting, electrical power, safety features, air conditioning or ventilation. Space should be replaced if it is structurally unsound or if its nature is such that to make it satisfactory for the purpose used, it would be economically advisable to replace rather than remodel it.

Continuing Education Student - Usually, a practicing professional who receives specialized training at a health professions school as a supplement or refresher to his previous education.

Freestanding Hospital or Clinic - A freestanding hospital or clinic is one which is in a building (1) structurally separate from other buildings; or (2) not structurally separate but structurally distinguishable from the building to which it is attached (e.g., a hospital might be contained in a wing or wings of a building).

FTE - Full Time Equivalent of Part-Time Faculty - Total hours of scheduled time provided by a part-time faculty member over one year, divided by the average yearly hours of reimbursed time for a full-time faculty member. (Where this definition conflicts with the respondent's method of computing FTE's of part-time faculty, the respondent's method shall apply.)

FTE - Full-Time Equivalent Student - A student's total semester hours of study during an academic year, divided by the prescribed number of semester hours of study for a full-time student of the comparative level. (Where this definition conflicts with the respondent's method of computing FTE's of students, the respondent's method shall apply.)

Full-Time Faculty - Teaching and research staff employed by a health professions school on a full-time basis during the academic year. Faculty on a geographic full-time basis shall be counted as full-time.

Graduate Health Professions School - A school offering only advanced health professions training which does not lead to the first health professional degree.

Graduate Health Professions Student - A student obtaining health professions education either (1) above the baccalaureate level, but not leading to the first health professional degree in his field of endeavor; or (2) beyond the first health professional degree. The student may or may not be enrolled for a degree. Interns and residents, and postdoctoral or continuing education students should not be included as graduate students.

GSF - Gross Square Feet - Please refer to Floor Plan I, page 5.

Health Professions School - A school of dentistry, medicine, optometry, osteopathy, pharmacy, podiatry, public health or veterinary medicine.

Health Technologies - See "Other Students", category 2.

HPEA - Health Professions Educational Assistance Act of 1963, P.L. 88-129, as amended. Federal grant-in-aid program for construction and remodeling of health professions education facilities, and other purposes. As used in this survey, "HPEA" shall be defined as consisting of the following legislation:

- P.L. 88-129 Health Professions Educational Assistance Act of 1963
- P.L. 89-290 Health Professions Educational Assistance Amendments of 1965
- P.L. 90-490 Health Manpower Act of 1968
- P.L. 92-157 Comprehensive Health Manpower Training Act of 1971.

IMPAC Code - An internal computer code used by NIH.

Joint-Use Facilities - Facilities used by two or more separately administered schools, one (or more) of which is a health professions school. These facilities may be: (1) provided to a health professions school by the parent university, or by a non-health professions school or department under its control (e.g., a College of Biological Sciences); (2) provided by the health science center of the university; or (3) allocated to one health professions school but shared with, or used by, another school of the university.



Locale (of Health Professions School, Hospital or Clinic) -

- Inner City - The low-income area(s) of a city (if any exist).
- Outer City - Outside of the inner city area(s) but within the city limits.
- Suburban - Outside of the city limits but within the metropolitan area.
- Rural - Beyond the metropolitan area of a city.

Major Affiliated Hospital or Clinic - For purposes of this survey, a major affiliated hospital or clinic is one that is considered to be indispensable to the educational program of Respondent's institution because it is: used as a major teaching unit; or offers necessary programs not available at other hospitals and clinics.

NASF - Net Assignable Square Feet - Please refer to Floor Plan III, page 7.

NSF - Net Square Feet - Please refer to Floor Plan II, page 6.

New Construction - Construction of an entire building or addition to an existing building.

Ongoing or Fully Authorized Construction and Remodeling - (1) Construction or remodeling that is underway as of the survey date; (2) construction or remodeling activities which have not begun as of the survey date but which have been approved by all parties whose funding and other authorizations are required prior to their start; and (3) construction or remodeling which is complete, but not yet occupied as of the survey date.

Other Hospitals and Clinics - For purposes of this survey, "other hospitals and clinics" are those that are used by Respondent for teaching purposes, but not as major units in the school's teaching program.

Other Students - For purposes of this survey, students in educational programs leading to the following types of positions in the health field shall be considered "other students":

1. Physician assistants;
2. Health Technologists - Radiologic, medical, dental and inhalation technologists, physical and occupational therapists, medical technicians, hygienists, and other positions in the allied health specialties;
3. Nurses (baccalaureate, associate degree, diploma);
4. Other - Nursing assistants, practical nurses, and all other positions in the health area not covered by the first three categories.

Outpatient Visit - A visit by a patient to a hospital, clinic, or other health care facility for diagnosis or treatment on an ambulatory basis.

Overcrowding - For purposes of this survey, a room shall be considered overcrowded if it does not properly accommodate the number of students, faculty, staff or equipment necessary to effectively conduct the activities for which it is used. Where these conditions occur sporadically, and represent no more than an intermittent inconvenience, the room shall not be considered overcrowded. Where these conditions cause major interferences with the school's effective use of the space, the room shall be considered overcrowded.

Owned Space - Facilities owned by a health professions school or its parent institution.

Parent Institution - Central or coordinating organizational unit of an institution of higher education which offers two or more separately administered educational curricula, at least one of which is a health professions curriculum. Typically, the central administration of the university, or a health sciences center.

Part-Time Faculty - Teaching and research faculty employed on less than a full-time basis by the school, whether on a paid or voluntary basis.

Remodeling - Renovation, rehabilitation, alteration, major repair (excluding routine maintenance), reconditioning, modification, or changes in architectural features, fixed equipment, heating, lighting, electrical power, air conditioning or ventilation.

Rented, Leased or Other Space - Facilities available for use by a health professions school on a rental, lease, or other basis, but not owned by the school or its parent institution.

Respondent's Students - Unless specifically stated otherwise, "Respondent's students" should be construed to mean Respondent's students of Dentistry, Medicine, Pharmacy, Podiatry, Public Health, Optometry, Osteopathy, or Veterinary Medicine, whichever is applicable. Other students, (e.g., allied health) either taught by Respondent's faculty, using Respondent's facilities, or both, should not be included except as explicitly requested.

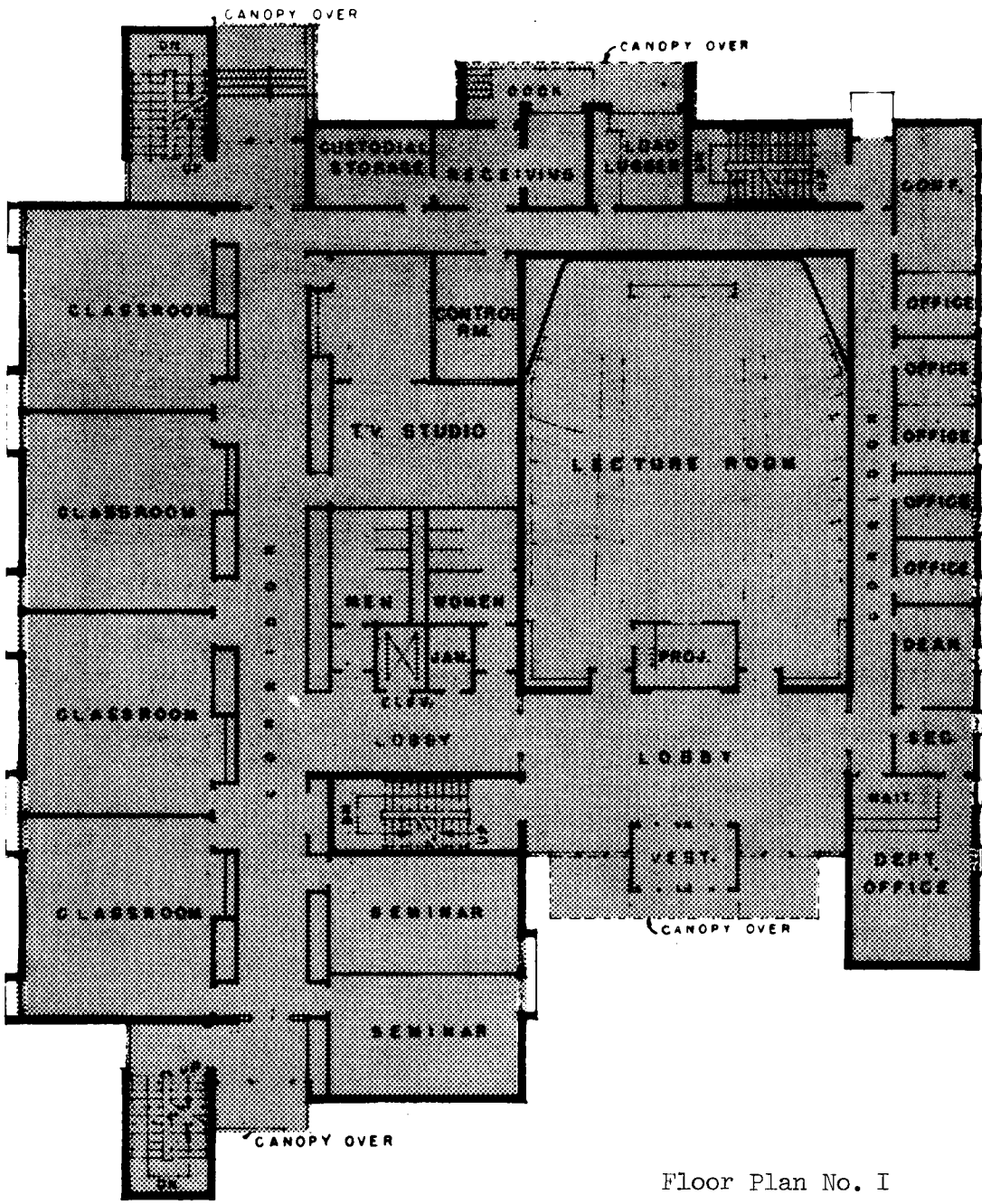
Room-Hour - A unit of measurement of room usage. It is defined as the use of one room, by one or more persons, for academic purposes, for one hour.

Student Stations - Seats, work stations, carrels, etc., available for use by students in classrooms, class laboratories, research areas, libraries, study halls, and assembly facilities.


Support Staff - All individuals on the school's payroll, regardless of rank (including student help), except full-time and part-time teaching and research faculty.

Type I, II, III Animal Facilities - See definition of "Animal Facilities" in Appendix II.

Undergraduate Health Professions Student - A student working toward the first health professional degree in one of the following eight health professions: dentistry, medicine, optometry, osteopathy, pharmacy, podiatry, public health, veterinary medicine.

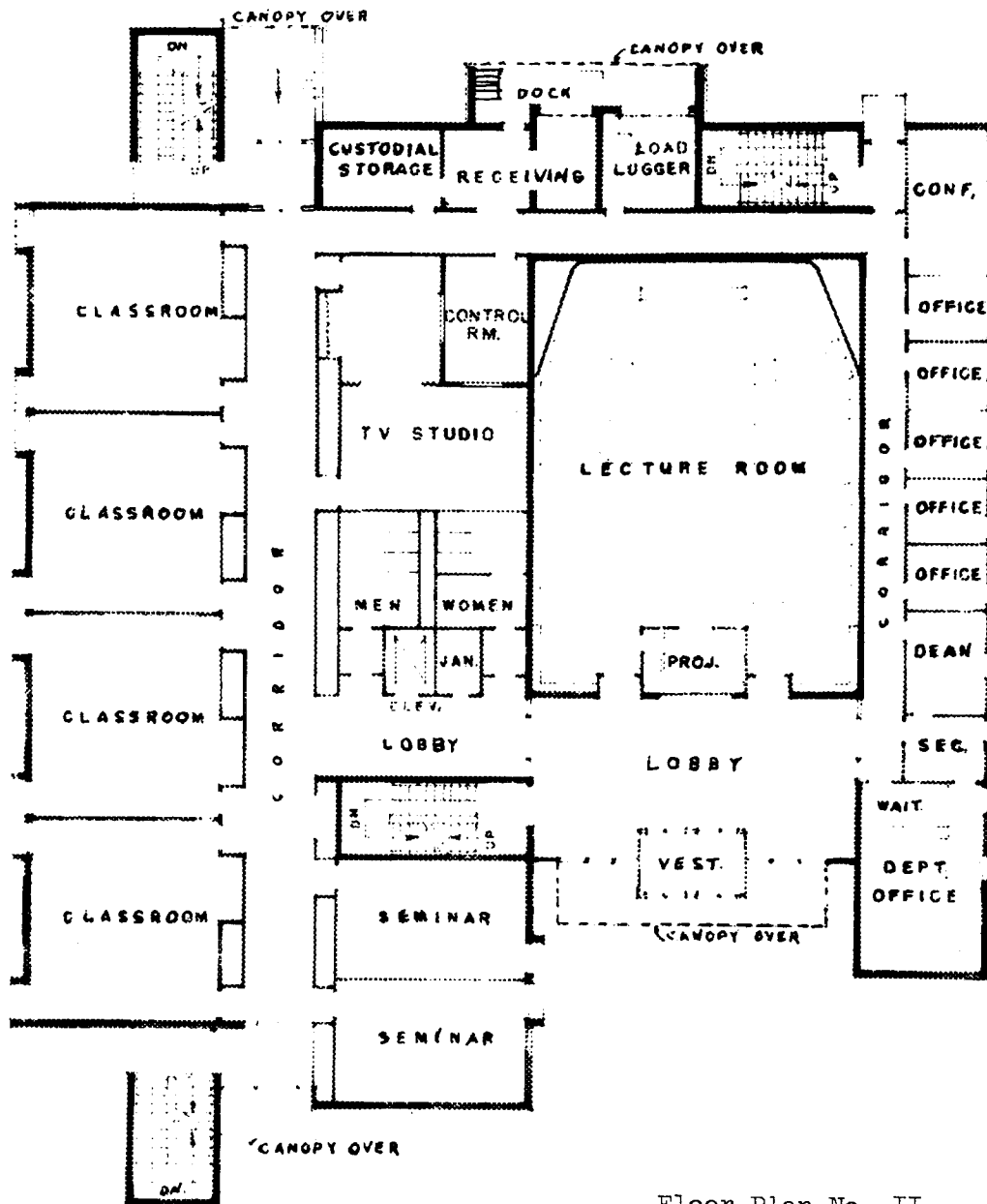


Floor Plan No. I

Key: GSF (Gross Square Footage) = 

The Gross Square Footage of a building should be construed to mean the sum of the floor areas included within the outside faces of exterior walls for all stories, or areas, which have floor surfaces.

Open courts and light wells, or portions of upper floors eliminated by rooms or lobbies which rise above single-floor ceiling height, should not be included in GSF.



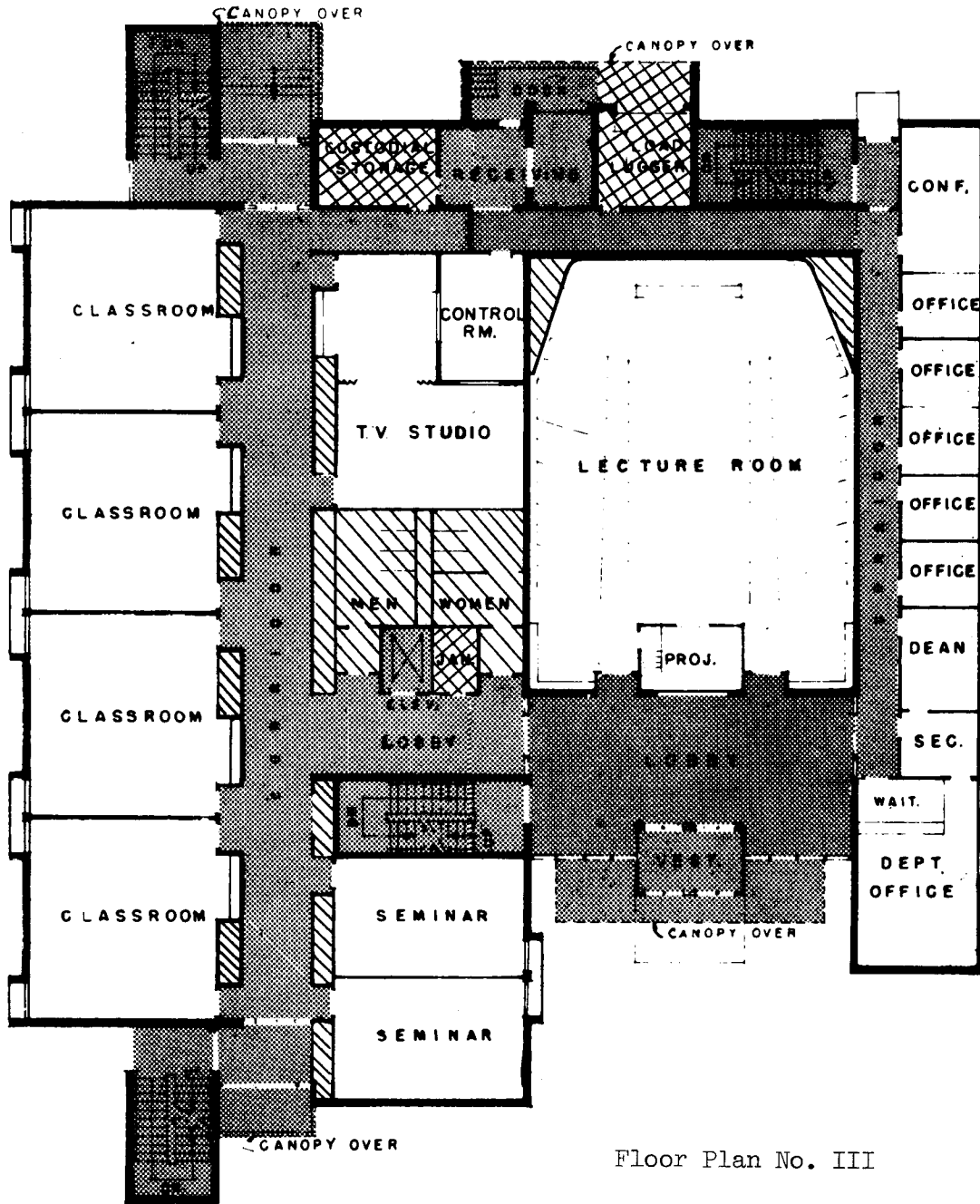
Floor Plan No. II

Key: NSF (Net Square Footage) =

Net Square Footage is the difference between GSF (see Floor Plan I) and "Construction Area" (the dark portions of Floor Plan II).

"Construction Area" is simply that portion of the gross area which cannot be put to use because of the presence of structural features of the building.

Examples of areas normally classified as construction area are exterior walls, fire walls, permanent partitions, and unusable areas in attics, basements, or comparable portions of the building.



Floor Plan No. III


Key: NASF (Net Assignable Square Footage) =

Net Assignable Square Footage should be construed to mean all areas of a building which are assigned to, or available for assignment to, an occupant, including every type of space functionally usable by an occupant (excluding circulation, mechanical, and custodial areas as defined below).

Key: Circulation Areas =


"Circulation Area" should be construed to mean that portion of the gross area--whether or not enclosed by partitions--which is required for physical access to some subdivision of space.

Circulation areas should include, but not be limited to: corridors (access, public, service, also "phantom" for large unpartitioned areas); elevator shafts; escalators; fire towers or stairs; stairs and stair halls; loading platforms (except when required for operational reasons and, thus, includable in net assignable area); lobbies (elevator, entrance, public, also public vestibules).

Key: Mechanical Areas = 

"Mechanical Area" should be construed to mean that portion of the gross area designed to house mechanical equipment, utility services, and non-private toilet facilities.

Mechanical area should include, but not be limited to: Air-duct shafts; boiler rooms; fixed mechanical and electrical equipment rooms; fuel rooms; mechanical service shafts; meter and communications closets; service chutes; stacks; and non-private toilet rooms (custodial and public).

Key: Custodial Areas = 

"Custodial Area" should be construed to mean the sum of all areas on all floors of a building used for building protection, care, maintenance, and operation.

Included should be such areas as custodial, locker rooms, janitors' closets, maintenance storerooms.

## APPENDIX II

### DEFINITIONS OF ROOM TYPES

#### SURVEY OF HEALTH PROFESSIONS EDUCATION FACILITIES

The taxonomy of room-type codes used in this survey is based on the U. S. Office of Education's "Higher Education Facilities Classification and Inventory Procedures Manual", Publication OE-51016. Notably, while our room-type definitions use these codes as a starting point, the focus upon health professions education facilities may require reappraisal of the codes currently assigned to rooms, in order that the rooms be reported properly on the questionnaire. Also please note that room classifications are a function of physical characteristics and usage, rather than physical location.

Classroom-Type Instructional Space - Space used by classes which do not require special-purpose equipment for student use. Included in this category are rooms generally referred to as general purpose classrooms, lecture rooms, lecture-demonstration rooms, seminar rooms, conference rooms (if used for teaching) and associated service areas. The following room types are included in this category for the purpose of this survey:

- 110 - Classroom
- 115 - Classroom Service
- 350 - Conference Room (used for teaching)
- 355 - Conference Room Service (by association with conference room)

This category does not include conference rooms whose primary function is that of administrative meetings (as opposed to classes).

Class Laboratories - Space used by regularly scheduled classes which require special-purpose equipment for individual or group participation, experimentation, observation, or practice in a field of study. Also included are all associated class laboratory facility service areas. The following room types are included in this category for the purpose of this survey, except as specifically noted in the instructions:

- 210 - Class Laboratory
- 215 - Class Laboratory Service (excluding animal rooms)
- 220 - Special Class Laboratory
- 225 - Special Class Laboratory Service
- 230 - Individual Study Laboratory
- 235 - Individual Study Laboratory Service

Important: Certain types of class laboratories may be used for both patient-care purposes and for instructional activities not actually involving patients. Where this occurs, Respondent should treat such facilities as patient-care facilities for reporting purposes. Thus, any rooms used for patient care should not be reported under "class laboratories".

Special-Purpose Class Laboratory - (A subset of room types 210 through 235). This definition is to be used only when reporting room use data. A Special-Purpose Class Laboratory is a class laboratory that is equipped and oriented to serve a single or unique purpose (such as a gross anatomy laboratory) in the instruction of a health professions student.

Research and Research Training Space - Space used for laboratory applications, research, and/or training in research methodology, which requires special-purpose equipment for staff and/or graduate student experimentation or observation. Included in this category are rooms generally referred to as research laboratories, research laboratory-offices, and associated service areas. The following room types are included in this category for the purpose of this survey:

- 250 - Non-Class Laboratory
- 255 - Non-Class Laboratory Service (excluding animal rooms)
- 310 - Office (Research)
- 315 - Office Service (Research)

Library Space - Space used for the orderly collection, storage and retrieval of knowledge. In determining whether a facility which houses books and similar material shall be reported as library space, both of the following criteria must be met:

- a. At least one full-time attendant is present.
- b. There is systematic administration and prosecution of programs of acquisition, cataloging, and reference work.

Library space may be housed in a central location or it may be decentralized and housed in two or more separate facilities of varying size. However, each such facility must meet the criteria in order to qualify as library space. Include study rooms, book storage rooms, reading rooms, carrels, individual study stations, study booths, library processing rooms, library administrative areas, and associated library facilities service areas which are directly related to library functions. The following room types shall be included in this category for the purpose of this survey:

- 310 - Office (Library)
- 315 - Office Service (Library)
- 350 - Conference Room (Library)
- 355 - Conference Room Service (Library)
- 410 - Study Rooms
- 420 - Stacks
- 430 - Open-Stack Reading Rooms
- 440 - Library Processing Rooms
- 455 - Study Facilities Service

Auditoriums - Rooms designed and equipped for the assembly of large numbers of people. The following room types are included in this category for the purpose of this survey:

- 610 - Assembly Facilities
- 615 - Assembly Facilities Service

A large lecture hall should be reported as an auditorium if its seating capacity is at least twice the size of Respondent's most recent entering class of Health Professions students (to the exclusion of allied health, etc.).



If the Respondent should substitute any of the following large facilities of a university for auditoriums, they may be reported as auditoriums:

- 510 - Armory Facilities
- 515 - Armory Facilities Service
- 520 - Athletic-Physical Education Facilities
- 523 - Athletic Facilities Spectator Seating
- 525 - Athletic-Physical Education Facilities Service

Faculty Offices - Rooms used by faculty working at a desk or table. Included in this category is all office space which is: (1) assignable to members of the teaching faculty whose primary function is that of teaching; or (2) used by graduate and teaching assistants. The office space assigned to a department head whose primary function is that of teaching thus should be included in this faculty office category. However, the office space of a dean whose primary function is that of administrator should not be included in the faculty office category but should be included under "Administrative Offices and Areas". The following room types are included in this category for the purpose of this survey:

- 310 - Office (Faculty)
- 315 - Office Service (Faculty)

Administrative Offices and Areas - Rooms used by support staff working at a desk or table. Included in this category are rooms generally referred to as administrative offices, clerical offices, and administrative conference rooms, as well as all associated service areas. The following room types are included in this category for the purpose of this survey:

- 310 - Office (Administrative)
- 315 - Office Service (Administrative)
- 350 - Conference Room (Administrative)
- 355 - Conference Room Service (Administrative)

Animal Facilities - For the purposes of this survey, animal facilities for instruction and research are those physical areas associated with laboratory animal care, whether physically dispersed or in one location. Schools of Veterinary Medicine should exclude from this category all inpatient and outpatient diagnostic and care facilities for animal patients but should include animal resource farms if controlled or operated by Respondent.

Only the following areas should be included (exclude open pasture and other wholly nonsheltered areas):

Type I - Completely enclosed animal rooms with environmental controls; including animal service areas, such as cage washing and sterilization, receipt and processing, storage, office space, incinerator or protected area for refuse, X-ray facilities, diagnostic laboratory necropsy, surgery.

Type II - Combination indoor-outdoor housing and restricted exercise areas, such as kennels with runs, indoor-outdoor primate facilities, etc. (include both indoor and outdoor space).

Type III - Shelters with no environmental controls (e.g., barns, open sheds, etc.).

The following room types are among those included as animal facilities for instruction and research:

- 215 - Class-Laboratory Service (Animal rooms only)
- 255 - Non-Class Laboratory Service (Animal rooms only)

On-Site Patient Care Facilities - Inpatient and ambulatory care facilities (and associated service areas) which are located within Respondent's didactic buildings. The following list of room types may have been used as a starting point for the classification of such "on-site" facilities, but may not be exhaustive.

- 810 - Human Hospital-Clinic Facilities
- 815 - Human Hospital-Clinic Facilities Service
- 820 - Human Hospital-Patient Care Facilities
- 825 - Human Hospital-Patient Care Facilities Service
- 840 - Dental Clinic Facilities
- 845 - Dental Clinic Facilities Service
- 850 - Veterinary Hospital-Clinic Facilities
- 855 - Veterinary Hospital-Clinic Facilities Service
- 860 - Veterinary Hospital-Animal Care Facilities
- 865 - Veterinary Hospital-Animal Care Facilities Service

Other Space - Include in this category all remaining net assignable space not accounted for in the above listed categories, but used for, or in support of, the educational process. For the purpose of this survey, the following room types are included under "Other Space"; but may not be an exhaustive listing:

- 510 - Armory Facilities\*
- 515 - Armory Facilities Service\*
- 520 - Athletic-Physical Education Facilities\*
- 523 - Athletic Facilities Spectator Seating\*
- 525 - Athletic-Physical Education Facilities Service\*
- 530 - Audio-Visual, Radio, TV Facilities
- 535 - Audio-Visual, Radio, TV Facilities Service
- 540 - Clinic Facilities (Non-Medical)
- 545 - Clinic Facilities Service (Non-Medical)
- 550 - Demonstration Facilities
- 555 - Demonstration Facilities Service
- 560 - Field-Service Facilities
- 590 - Other Special-Use Facilities
- 595 - Other Special-Use Facilities Service
- 620 - Exhibition Facilities (Non-Instructional)
- 625 - Exhibition Facilities Service (Non-Instructional)
- 630 - Food Facilities (Outside of Residence Halls)
- 635 - Food Facilities Service (Outside of Residence Halls)
- 640 - Health Facilities (Student)
- 645 - Health Facilities Service (Student)
- 650 - Lounge Facilities
- 655 - Lounge Facilities Service
- 660 - Merchandising Facilities (Bookstore, etc.)
- 665 - Merchandising Facilities Service

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\* If these facilities are used as auditoriums, do not include as "Other Space".

- 670 - Recreation Facilities
- 675 - Recreation Facilities Service
- 690 - Other General-Use Facilities
- 695 - Other General-Use Facilities Service
- 710 - Data Processing-Computer Facilities
- 715 - Data Processing-Computer Facilities Service
- 720 - Shop Facilities
- 725 - Shop Facilities Service
- 730 - Storage Facilities
- 735 - Storage Facilities Service
- 740 - Vehicle Storage
- 745 - Vehicle Storage Service
- 750 - Central Food Stores
- 760 - Central Laundry
- 790 - Other Supporting Facilities
- 795 - Other Supporting Facilities Service

NOTES:

The following room types are excluded from the survey:

- 910 - Residence for Single Persons
- 911 - Dormitory
- 912 - Food Service in Residence Halls
- 920 - One-Family Dwelling
- 930 - Multiple Family Dwelling

Also, exclude the following "nonassignable" areas when reporting the square footage of the above room types:\*

- 010 - Custodial Area
- 020 - Circulation Area
- 030 - Mechanical Area
- 040 - Construction Area

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\* There are a limited number of boxes on the questionnaire dealing with Gross Square Feet and Net Square Feet where codes 010, 020, 030 and 040 are included.

**MAJOR HOSPITALS AND CLINICS  
USED BY RESPONDENT**

IMPAC CODE \_\_\_\_\_

**SECTION A**

1.	NAME OF HOSPITAL OR CLINIC	ADDRESS	CONTROL (CHECK (✓) ONE)
			<input type="checkbox"/> OWNED <input type="checkbox"/> MAJOR AFFILIATE
2.	TYPE OF HOSPITAL (Check (✓) All Applicable Boxes)		
	<input type="checkbox"/> GENERAL	<input type="checkbox"/> SPECIAL (Specify) _____	<input type="checkbox"/> VA or PHS _____
	<input type="checkbox"/> OTHER (Specify) _____		
③	LOCALE (Check (✓) One)		
	<input type="checkbox"/> INNER CITY	<input type="checkbox"/> OUTER CITY	<input type="checkbox"/> SUBURBAN <input type="checkbox"/> RURAL

④ TOTAL GSF (Gross Square Feet)     ⑤ GSF CONSTRUCTED WITH HPEA ASSISTANCE     ⑥ NSF (Net Square Feet) REMODELED WITH HPEA ASSISTANCE

**INPATIENT FACILITIES:**

⑦ BEDS USED FOR RESPONDENT'S STUDENT INSTRUCTION.....

NUMBER	AVERAGE DAILY PATIENT LOAD (ADPL)
a	b

⑧ AVERAGE NUMBER OF RESPONDENT'S STUDENTS USING THESE FACILITIES AT ANY ONE TIME

UNDERGRAD	GRADUATE
a	b

**AMBULATORY FACILITIES:**

⑨ EXAMINING AND TREATMENT ROOMS USED BY RESPONDENT.....

NUMBER OF ROOMS	TOTAL PATIENT STATIONS
a	b

10. NUMBER OF OUTPATIENT VISITS PER YEAR APPLIED TO RESPONDENT'S STUDENT INSTRUCTION.....

⑪ AVERAGE NUMBER OF RESPONDENT'S STUDENTS USING THESE FACILITIES AT ANY ONE TIME

UNDERGRAD	GRADUATE
a	b

**NON PATIENT-CARE INSTRUCTIONAL FACILITIES AVAILABLE FOR RESPONDENT'S STUDENTS.**

TOTAL OF COLUMNS B-J	CLASSROOM-TYPE INSTRUCTIONAL SPACE	CLASS LABORATORIES	RESEARCH AND RESEARCH TRAINING SPACE	LIBRARY SPACE	AUDITORIUMS	FACULTY OFFICES	ADMIN OFF AND AREAS ASSIGNED TO RESPONDENT	ANIMAL FACILITIES	OTHER SPACE			
12. NASF AVAILABLE FOR USE BY RESPONDENT	A	B	C	D	E	F	G	H	I	J		
13. CHECK (✓) EACH TYPE OF SPACE AT LEAST PARTIALLY CONSTRUCTED OR OR REMODELED WITH HPEA ASSISTANCE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
⑭ NUMBER OF ROOMS ON LINE 12												

**FACILITIES CURRENTLY NEEDED**

⑮	ADDITIONAL NASF CURRENTLY NEEDED TO ACCOMMODATE RESPOND'S STUDENTS										
⑯	FOR EACH TYPE OF SPACE NEEDED, USE LETTER CODE TO INDICATE THE REASON										
17.	WHAT PORTION (in NASF) of each entry in ITEM 15 is ATTRIBUTABLE TO OVERCROWDING?										

18. AVERAGE NUMBER OF HOURS PER (ACADEMIC) YEAR THAT A TYPICAL ROOM IS USED FOR ACADEMIC PURPOSES.....

CLASSROOM-TYPE INSTRUCT. SPACE	CLASS LABORATORIES
<input style="width:80px;" type="text"/>	<input style="width:80px;" type="text"/>

⑰ APPORTION NASF OF LINE 12, COLUMN A BY CONDITION:.....

SATISFACTORY FOR PROGRAM PURPOSE	IN NEED OF REMODELING	IN NEED OF REPLACEMENT
a. <input style="width:80px;" type="text"/>	b. <input style="width:80px;" type="text"/>	c. <input style="width:80px;" type="text"/>

SECTION B

ONGOING AND FULLY AUTHORIZED CONSTRUCTION AND REMODELING

□ IF RESPONDENT HAS NO CONSTRUCTION OR REMODELING TO REPORT, CHECK (✓) THE BOX TO THE LEFT AND PROCEED TO SEC. C.

① OVERVIEW

- a. OWNED SPACE BEING (OR TO BE) REMODELED.....
- b. OWNED NEW CONSTRUCTION.....

1 COST (Thousands)	2 GSF	3 NSF	4 NSF of HPEA ASSIST.
\$			
\$			

② PATIENT CARE FACILITIES BEING ADDED

- a. NUMBER OF ADDITIONAL BEDS TO BECOME AVAILABLE FOR RESPONDENT'S STUDENT USE.....
- b. NUMBER OF PATIENT STATIONS IN ADDITIONAL EXAMINING AND TREATMENT ROOMS TO BE USED BY RESPONDENT.....


③ APPORTION GSF OF OWNED NEW CONSTRUCTION (ITEM 1b, Column 2) AS TO PURPOSE

- a. EXPANDING ENROLLMENT
- b. RELIEF OF OVERCROWDING
- c. REPLACING OBSOLETE SPACE
- d. OTHER PURPOSES

4. CONSTRUCTION AND REMODELING COSTS AND SOURCES OF FUNDS

- a. SUM OF COSTS REPORTED IN ITEMS 1a and 1b ABOVE.....

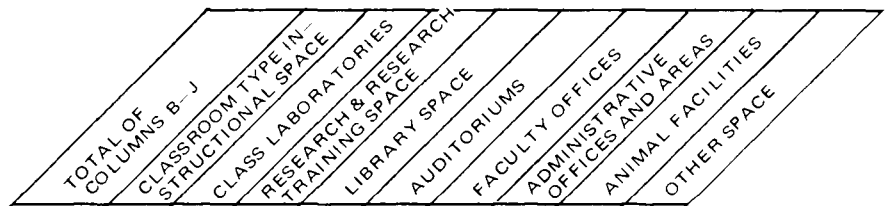
\$
----

④ HOW MUCH OF THE TOTAL REPORTED IN ITEM 4a. IS FROM:

- |                                 |    |                                    |    |                              |    |
|---------------------------------|----|------------------------------------|----|------------------------------|----|
| (1) INSTITUTION'S PRIVATE FUNDS | \$ | (4) FOUNDATIONS AND PHILANTHROPIES | \$ | (7) CHMTA INTEREST SUBSIDIES | \$ |
| (2) INSTITUTION'S BORROWING     | \$ | (5) HPEA CONSTRUCTION GRANTS       | \$ | (8) OTHER FEDERAL SOURCES    | \$ |
| (3) STATE OR LOCAL FUNDS        | \$ | (6) CHMTA LOAN GUARANTEES          | \$ | (9) OTHER                    | \$ |

HPEA AID; REVISED INVENTORY; AND POST-CONSTRUCTION NEEDS:

	A	B	C	D	E	F	G	H	I	J
5. CHECK (✓) EACH TYPE OF SPACE CONSTRUCTED OR REMODELED WITH HPEA ASSISTANCE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. REVISED INVENTORY OF NASF AVAILABLE FOR RESPONDENT'S USE AFTER CONSTRUCTION AND REMODELING ARE COMPLETE										
7. NASF STILL NEEDED AFTER COMPLETION OF REPORTED CONSTRUCTION AND REMODELING										
8. FOR EACH TYPE OF SPACE NEEDED, USE LETTER CODE TO INDICATE THE REASON										



9. INDICATE THE CALENDAR YEAR ALL ONGOING AND FULLY AUTHORIZED CONSTRUCTION AND REMODELING ARE EXPECTED TO BE COMPLETED \_\_\_\_\_

SECTION C

FUTURE CONSTRUCTION AND MAJOR REMODELING PLANNED FOR COMPLETION BY 1983

(OVER AND ABOVE ONGOING CONSTRUCTION AND REMODELING REPORTED IN SECTION B)

① OVERVIEW

- a. NSF TO BE REMODELED
- b. GSF OF NEW CONSTRUCTION
- c. TOTAL NASF ANTICIPATED TO BE AVAILABLE FOR RESPONDENT'S USE BY 1983

② APPORTION "GSF OF NEW CONSTRUCTION" (ITEM C.1.b.) AS TO ITS PURPOSE:

- a. GSF FOR EXPANDING ENROLLMENT
- b. GSF FOR RELIEF OF OVERCROWDING
- c. GSF TO REPLACE OBSOLETE FACILITIES
- d. GSF FOR OTHER PURPOSES

**MAJOR HOSPITALS AND CLINICS  
USED BY RESPONDENT**

IMPAC CODE \_\_\_\_\_

**SECTION A**

1.	NAME OF HOSPITAL OR CLINIC	ADDRESS	CONTROL (CHECK (✓) ONE)
			<input type="checkbox"/> OWNED <input type="checkbox"/> MAJOR AFFILIATE
2.	TYPE OF HOSPITAL (Check (✓) All Applicable Boxes)	<input type="checkbox"/> GENERAL <input type="checkbox"/> SPECIAL (Specify) _____ <input type="checkbox"/> VA or PHS _____	<input type="checkbox"/> OTHER (Specify) _____
3.	LOCALE (Check (✓) One)	<input type="checkbox"/> INNER CITY <input type="checkbox"/> OUTER CITY <input type="checkbox"/> SUBURBAN <input type="checkbox"/> RURAL	

4 TOTAL GSF (Gross Square Feet)    
 5 GSF CONSTRUCTED WITH HPEA ASSISTANCE    
 6 NSF (Net Square Feet) REMODELED WITH HPEA ASSISTANCE

**INPATIENT FACILITIES:**

7 BEDS USED FOR RESPONDENT'S STUDENT INSTRUCTION.....

NUMBER	AVERAGE DAILY PATIENT LOAD (ADPL)
a. <input style="width:30px;" type="text"/>	b. <input style="width:30px;" type="text"/>
UNDERGRAD	GRADUATE
a. <input style="width:30px;" type="text"/>	b. <input style="width:30px;" type="text"/>

8 AVERAGE NUMBER OF RESPONDENT'S STUDENTS USING THESE FACILITIES AT ANY ONE TIME

**AMBULATORY FACILITIES:**

9 EXAMINING AND TREATMENT ROOMS USED BY RESPONDENT.....

NUMBER OF ROOMS	TOTAL PATIENT STATIONS
a. <input style="width:30px;" type="text"/>	b. <input style="width:30px;" type="text"/>

10. NUMBER OF OUTPATIENT VISITS PER YEAR APPLIED TO RESPONDENT'S STUDENT INSTRUCTION.....

11 AVERAGE NUMBER OF RESPONDENT'S STUDENTS USING THESE FACILITIES AT ANY ONE TIME

UNDERGRAD	GRADUATE
a. <input style="width:30px;" type="text"/>	b. <input style="width:30px;" type="text"/>

**NON PATIENT-CARE INSTRUCTIONAL FACILITIES AVAILABLE FOR RESPONDENT'S STUDENTS.**

	TOTAL OF COLUMNS B-J CLASSROOM-TYPE INSTRUCTIONAL SPACE CLASS LABORATORIES RESEARCH AND RESEARCH TRAINING SPACE LIBRARY SPACE AUDITORIUMS FACULTY OFFICES ADMIN OFF AND AREAS ASSIGNED TO RESPONDENT ANIMAL FACILITIES OTHER SPACE										
12. NASF AVAILABLE FOR USE BY RESPONDENT	A	B	C	D	E	F	G	H	I	J	
13. CHECK (✓) EACH TYPE OF SPACE AT LEAST PARTIALLY CONSTRUCTED OR OR REMODELED WITH HPEA ASSISTANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. NUMBER OF ROOMS ON LINE 12											

**FACILITIES CURRENTLY NEEDED**

15. ADDITIONAL NASF CURRENTLY NEEDED TO ACCOMMODATE RESPOND'S STUDENTS											
16. FOR EACH TYPE OF SPACE NEEDED, USE LETTER CODE TO INDICATE THE REASON											
17. WHAT PORTION (in NASF) of each entry in ITEM 15 is ATTRIBUTABLE TO OVERCROWDING?											

18. AVERAGE NUMBER OF HOURS PER (ACADEMIC) YEAR THAT A TYPICAL ROOM IS USED FOR ACADEMIC PURPOSES.....

CLASSROOM-TYPE INSTRUCT. SPACE	CLASS LABORATORIES
<input style="width:50px;" type="text"/>	<input style="width:50px;" type="text"/>

19. APPORTION NASF OF LINE 12, COLUMN A BY CONDITION:.....

SATISFACTORY FOR PROGRAM PURPOSE	IN NEED OF REMODELING	IN NEED OF REPLACEMENT
a. <input style="width:30px;" type="text"/>	b. <input style="width:30px;" type="text"/>	c. <input style="width:30px;" type="text"/>

SECTION B

ONGOING AND FULLY AUTHORIZED CONSTRUCTION AND REMODELING

IF RESPONDENT HAS NO CONSTRUCTION OR REMODELING TO REPORT, CHECK (✓) THE BOX TO THE LEFT AND PROCEED TO SEC. C.

1 OVERVIEW

- a. OWNED SPACE BEING (OR TO BE) REMODELED.....
- b. OWNED NEW CONSTRUCTION.....

1	2	3	4
COST (Thousands)	GSF	NSF	NSF of HPEA ASSIST.
\$			
\$			

2 PATIENT CARE FACILITIES BEING ADDED

- a. NUMBER OF ADDITIONAL BEDS TO BECOME AVAILABLE FOR RESPONDENT'S STUDENT USE .....
- b. NUMBER OF PATIENT STATIONS IN ADDITIONAL EXAMINING AND TREATMENT ROOMS TO BE USED BY RESPONDENT .....


3 APPORTION GSF OF OWNED NEW CONSTRUCTION (ITEM 1b, Column 2) AS TO PURPOSE

- a. EXPANDING ENROLLMENT
- b. RELIEF OF OVERCROWDING
- c. REPLACING OBSOLETE SPACE
- d. OTHER PURPOSES

4. CONSTRUCTION AND REMODELING COSTS AND SOURCES OF FUNDS

- a. SUM OF COSTS REPORTED IN ITEMS 1a and 1b ABOVE.....

\$
----

HOW MUCH OF THE TOTAL REPORTED IN ITEM 4a. IS FROM:

- |                                 |    |                                    |    |                              |    |
|---------------------------------|----|------------------------------------|----|------------------------------|----|
| (1) INSTITUTION'S PRIVATE FUNDS | \$ | (4) FOUNDATIONS AND PHILANTHROPIES | \$ | (7) CHMTA INTEREST SUBSIDIES | \$ |
| (2) INSTITUTION'S BORROWING     | \$ | (5) HPEA CONSTRUCTION GRANTS       | \$ | (8) OTHER FEDERAL SOURCES    | \$ |
| (3) STATE OR LOCAL FUNDS        | \$ | (6) CHMTA LOAN GUARANTEES          | \$ | (9) OTHER                    | \$ |

HPEA AID; REVISED INVENTORY; AND POST-CONSTRUCTION NEEDS:

		TOTAL OF COLUMNS B-J										
		CLASSROOM TYPE IN-STRUCTURAL SPACE										
		CLASS LABORATORIES										
		RESEARCH & RESEARCH TRAINING SPACE										
		LIBRARY SPACE										
		AUDITORIUMS										
		FACULTY OFFICES										
		ADMINISTRATIVE OFFICES AND AREAS										
		ANIMAL FACILITIES										
		OTHER SPACE										
5.	CHECK (✓) EACH TYPE OF SPACE CONSTRUCTED OR REMODELED WITH HPEA ASSISTANCE											
6.	REVISED INVENTORY OF NASF AVAILABLE FOR RESPONDENT'S USE AFTER CONSTRUCTION AND REMODELING ARE COMPLETE											
7.	NASF STILL NEEDED AFTER COMPLETION OF REPORTED CONSTRUCTION AND REMODELING											
8.	FOR EACH TYPE OF SPACE NEEDED, USE LETTER CODE TO INDICATE THE REASON											

9. INDICATE THE CALENDAR YEAR ALL ONGOING AND FULLY AUTHORIZED CONSTRUCTION AND REMODELING ARE EXPECTED TO BE COMPLETED \_\_\_\_\_

SECTION C

FUTURE CONSTRUCTION AND MAJOR REMODELING PLANNED FOR COMPLETION BY 1983

(OVER AND ABOVE ONGOING CONSTRUCTION AND REMODELING REPORTED IN SECTION B)

1 OVERVIEW

- a. NSF TO BE REMODELED
- b. GSF OF NEW CONSTRUCTION
- c. TOTAL NASF ANTICIPATED TO BE AVAILABLE FOR RESPONDENT'S USE BY 1983

2 APPORTION "GSF OF NEW CONSTRUCTION" (ITEM C.1.b.) AS TO ITS PURPOSE:

- a. GSF FOR EXPANDING ENROLLMENT
- b. GSF FOR RELIEF OF OVERCROWDING
- c. GSF TO REPLACE OBSOLETE FACILITIES
- d. GSF FOR OTHER PURPOSES

DEPARTMENT OF HEALTH, EDUCATION AND WELFARE  
 NATIONAL INSTITUTES OF HEALTH  
 BUREAU OF HEALTH MANPOWER EDUCATION  
**SURVEY OF HEALTH PROFESSIONS EDUCATION FACILITIES  
 IN THE NON-PROFIT SECTOR: 1973**  
 PARENT INSTITUTION QUESTIONNAIRE

1.	NAME OF PARENT INSTITUTION:  University of Minnesota	②	IMPAC CODE  53656-01												
3.	ADDRESS: STREET	CITY	STATE												
		ZIP													
		Minneapolis	Minnesota												
		55455													
④	TYPES OF HEALTH PROFESSIONS CURRICULA OFFERED (CHECK (✓) ALL WHICH APPLY): <table border="0"> <tr> <td>(a) <input checked="" type="checkbox"/> DENTISTRY</td> <td>(d) <input type="checkbox"/> OSTEOPATHY</td> <td>(g) <input checked="" type="checkbox"/> PUBLIC HEALTH</td> </tr> <tr> <td>(b) <input checked="" type="checkbox"/> MEDICINE</td> <td>(e) <input checked="" type="checkbox"/> PHARMACY</td> <td>(h) <input type="checkbox"/> VETERINARY MEDICINE</td> </tr> <tr> <td>(c) <input type="checkbox"/> OPTOMETRY</td> <td>(f) <input type="checkbox"/> PODIATRY</td> <td>(i) <input type="checkbox"/> COMBINATION OF (ENTER LETTER-CODES)</td> </tr> </table>			(a) <input checked="" type="checkbox"/> DENTISTRY	(d) <input type="checkbox"/> OSTEOPATHY	(g) <input checked="" type="checkbox"/> PUBLIC HEALTH	(b) <input checked="" type="checkbox"/> MEDICINE	(e) <input checked="" type="checkbox"/> PHARMACY	(h) <input type="checkbox"/> VETERINARY MEDICINE	(c) <input type="checkbox"/> OPTOMETRY	(f) <input type="checkbox"/> PODIATRY	(i) <input type="checkbox"/> COMBINATION OF (ENTER LETTER-CODES)			
(a) <input checked="" type="checkbox"/> DENTISTRY	(d) <input type="checkbox"/> OSTEOPATHY	(g) <input checked="" type="checkbox"/> PUBLIC HEALTH													
(b) <input checked="" type="checkbox"/> MEDICINE	(e) <input checked="" type="checkbox"/> PHARMACY	(h) <input type="checkbox"/> VETERINARY MEDICINE													
(c) <input type="checkbox"/> OPTOMETRY	(f) <input type="checkbox"/> PODIATRY	(i) <input type="checkbox"/> COMBINATION OF (ENTER LETTER-CODES)													
5.	INDIVIDUAL WHO MAY BE CONTACTED REGARDING PREPARATION OR COORDINATION OF THIS QUESTIONNAIRE:  <table border="0"> <tr> <td>Bob Klaus</td> <td>Health Sciences Administrative Officer</td> <td>612-373-8981</td> <td></td> </tr> <tr> <td>Paul J. Maupin</td> <td>Health Sciences Planning Coordinator</td> <td>( ) 612-373-8981</td> <td></td> </tr> <tr> <td>NAME</td> <td>TITLE</td> <td>TELEPHONE NO.</td> <td>EXTENSION</td> </tr> </table>			Bob Klaus	Health Sciences Administrative Officer	612-373-8981		Paul J. Maupin	Health Sciences Planning Coordinator	( ) 612-373-8981		NAME	TITLE	TELEPHONE NO.	EXTENSION
Bob Klaus	Health Sciences Administrative Officer	612-373-8981													
Paul J. Maupin	Health Sciences Planning Coordinator	( ) 612-373-8981													
NAME	TITLE	TELEPHONE NO.	EXTENSION												
6.	TYPE OF CONTROL OF RESPONDENT (CHECK (✓) ONE): <table border="0"> <tr> <td>(a) <input type="checkbox"/> PRIVATE NON-PROFIT</td> </tr> <tr> <td>(b) <input checked="" type="checkbox"/> PUBLIC (STATE)</td> </tr> <tr> <td>(c) <input type="checkbox"/> PUBLIC (COUNTY)</td> </tr> <tr> <td>(d) <input type="checkbox"/> PUBLIC (CITY)</td> </tr> <tr> <td>(e) <input type="checkbox"/> OTHER (SPECIFY) _____</td> </tr> </table>			(a) <input type="checkbox"/> PRIVATE NON-PROFIT	(b) <input checked="" type="checkbox"/> PUBLIC (STATE)	(c) <input type="checkbox"/> PUBLIC (COUNTY)	(d) <input type="checkbox"/> PUBLIC (CITY)	(e) <input type="checkbox"/> OTHER (SPECIFY) _____							
(a) <input type="checkbox"/> PRIVATE NON-PROFIT															
(b) <input checked="" type="checkbox"/> PUBLIC (STATE)															
(c) <input type="checkbox"/> PUBLIC (COUNTY)															
(d) <input type="checkbox"/> PUBLIC (CITY)															
(e) <input type="checkbox"/> OTHER (SPECIFY) _____															
7.	DOES PARENT INSTITUTION PROVIDE (OR PLAN TO PROVIDE) "JOINT-USE" SPACE (SEE DEFINITION) TO ONE OR MORE HEALTH PROFESSIONS SCHOOLS? (JOINT-USE SPACE CAN BE PROVIDED BY THE PARENT INSTITUTION, BY A NON-HEALTH PROFESSIONS SCHOOL, OR BY THE HEALTH SCIENCES CENTER OF THE UNIVERSITY) <p style="text-align: center;">✓ YES                      □ NO</p> IF "YES", PARENT INSTITUTION SHALL COMPLETE REMAINING PAGES OF THIS FORM. IF "NO", PARENT INSTITUTION SHALL COMPLETE ONLY PAGE 1 OF THIS FORM AND FORWARD BY <u>JUN 30 1973</u> TO:  <p style="text-align: center;">HEALTH PROFESSIONS FACILITIES SURVEY          RRC INTERNATIONAL, INC.          1125 PEOPLES AVENUE          TROY, NEW YORK 12181</p>														



**JOINT-USE FACILITIES CURRENTLY PROVIDED TO HEALTH PROFESSIONS SCHOOLS**

(EXCLUDE SPACE IN HOSPITALS AND CLINICS)

INSTRUCTIONS: REPORT ALL SPACE USED BY THE PARENT INSTITUTION'S HEALTH PROFESSIONS SCHOOLS, BUT NOT ALLOCATED TO ANY ONE OF THEM.

CHECK (✓) THE HEALTH PROFESSIONS SCHOOLS USING JOINT-USE FACILITIES:

1.  DENTISTRY    4.  OSTEOPATHY    7.  PUBLIC HEALTH  
 2.  MEDICINE    5.  PHARMACY    8.  VETERINARY MEDICINE  
 3.  OPTOMETRY    6.  PODIATRY    9.  COMBINATION SCHOOL

		TOTAL OF COLUMNS B THROUGH J CLASSROOM-TYPE INSTRUCTIONAL SPACE CLASS LABORATORIES RESEARCH AND RESEARCH TRAINING SPACE LIBRARY SPACE AUDITORIUMS FACULTY OFFICES ADMINISTRATIVE OFFICES AND AREAS ANIMAL FACILITIES OTHER SPACE									
OWNED FACILITIES		A	B	C	D	E	F	G	H	I	J
①	NET ASSIGNABLE SQUARE FEET (NASF)	106	12			72	21		1		
②	NASF OF LINE 1 WHICH ARE IN SATISFACTORY CONDITION	53	6			36	10		1		
3	CHECK (✓) EACH TYPE OF SPACE CONSTRUCTED OR REMODELED WITH HPEA ASSISTANCE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
④	NUMBER OF STUDENT STATIONS ON LINE 1		1343				2484				
⑤	NUMBER OF ROOMS REPRESENTED ON LINE 1		13				9				

CHECK (✓) HERE  
  
 IF NO OWNED FACILITIES ARE MADE AVAILABLE AS JOINT-USE SPACE

⑥ HOW MANY OF THE NASF IN ITEM 1 COLUMN A WERE CONSTRUCTED OR REMODELED WITH HPEA AID .....

CONSTR'D.	REMOD'LD
0	0

**RENTED, LEASED OR OTHER FACILITIES**

⑦	NET ASSIGNABLE SQUARE FEET										
⑧	NASF OF LINE 7 WHICH ARE IN SATISFACTORY CONDITION										
⑨	NUMBER OF STUDENT STATIONS ON LINE 7										
⑩	NUMBER OF ROOMS REPRESENTED ON LINE 7										

CHECK (✓) HERE  
  
 IF NO RENTED, LEASED OR OTHER FACILITIES ARE MADE AVAILABLE AS JOINT-USE SPACE

11a. TOTAL NASF NOT SATISFACTORY (=SUM OF ITEMS 1 AND 7, COLUMN A MINUS SUM OF ITEMS 2 AND 8, COL. A).....

53

11b. IF ITEM 11a. IS NOT ZERO, HOW MANY NASF OF THIS UNSATISFACTORY SPACE COULD BE MADE SATISFACTORY THROUGH REMODELING.....

53 \*

\*Could be satisfactorily remodeled if adequate funding were available.

**ONGOING AND FULLY AUTHORIZED CONSTRUCTION AND REMODELING  
OF JOINT-USE FACILITIES  
(EXCLUDE HOSPITALS AND CLINICS)**

- a. REPORT ALL CONSTRUCTION AND REMODELING OF FACILITIES WHICH WILL NOT BE ALLOCATED TO ANY HEALTH PROFESSIONS SCHOOL, BUT WHICH WILL BE USED BY AT LEAST ONE SUCH SCHOOL UPON COMPLETION.
- b.  IF RESPONDENT HAS NO CONSTRUCTION OR REMODELING TO REPORT, CHECK THE BOX TO THE LEFT AND PROCEED TO PAGE 4

**(A) OVERVIEW**

1. ALL JOINT-USE SPACE BEING (OR TO BE) REMODELED.....
2. OWNED NEW CONSTRUCTION OF JOINT-USE SPACE .....

a. COST (Thousands)	b. GSF	c. NSF	d. NSF OF HPEA ASSIST.
\$			
\$ 2591		20	**

**(B) APPORTION GSF OF OWNED NEW CONSTRUCTION (ITEM A,2 Column b) AS TO PURPOSE:**

1. EXPANDING ENROLLMENT       2. RELIEF OF OVERCROWDING       3. REPLACING OBSOLETE SPACE       4. OTHER PURPOSES

**C. CONSTRUCTION AND REMODELING COSTS AND SOURCES OF FUNDS**

1. SUM OF COSTS REPORTED IN ITEMS A1 AND A2 ..... \$2591

**(2) HOW MUCH OF THE TOTAL REPORTED IN ITEM C1. IS FROM:**

a. INSTITUTION'S PRIVATE FUNDS	\$	d. FOUNDATIONS AND PHILANTHROPIES	\$	g. CHMTA INTEREST SUBSIDIES	\$
b. INSTITUTION'S BORROWING	\$	e. HPEA CONSTRUCTION GRANTS	\$	h. OTHER FEDERAL SOURCES	\$ 1261
c. STATE OR LOCAL FUNDS	\$ 1330	f. CHMTA LOAN GUARANTEES	\$	i. OTHER	\$

**D. ONGOING AND FULLY AUTHORIZED CONSTRUCTION AND REMODELING:**

	TOTAL OF COLUMNS B-J CLASSROOM TYPE IN- STRUCTURAL SPACE CLASS LABORATORIES RESEARCH & RESEARCH TRAINING SPACE LIBRARY SPACE AUDITORIUMS FACULTY OFFICES ADMINISTRATIVE OFFICES AND AREAS ANIMAL FACILITIES OTHER SPACE										
	A	B	C	D	E	F	G	H	I	J	
① NASF OF OWNED SPACE BEING (OR TO BE) REMODELED											
2 NASF OF OWNED NEW CONSTRUCTION	20	6				14					
3. CHECK (✓) EACH TYPE OF SPACE CONSTRUCTED OR REMODELED WITH HPEA ASSISTANCE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**(E) REVISED INVENTORY OF JOINT-USE SPACE AFTER ONGOING (OR FULLY AUTHORIZED) CONSTRUCTION AND REMODELING ARE COMPLETED:**

1. NASF OF OWNED SPACE	126	18			72	35		1		
2. NASF OF RENTED, LEASED OR OTHER SPACE										
3. NUMBER OF STUDENT STATIONS REPRESENTED ON LINES E.1 and E.2		1625				3618				
4. NUMBER OF ROOMS REPRESENTED ON LINES E.1 and E.2		33				14				

F. INDICATE THE CALENDAR YEAR ALL ONGOING AND FULLY AUTHORIZED CONSTRUCTION AND REMODELING ARE EXPECTED TO BE COMPLETED: 1973

**(A) AUDIOVISUAL (A/V) TEACHING SUPPORT FACILITIES MADE AVAILABLE TO HEALTH PROFESSIONS SCHOOLS**

1. NASF OF AUDIOVISUAL AND TV PRODUCTION FACILITIES .....

--

CLASS-ROOMS	CLASS LABS	AUDI-TORIUMS
3	1	

2. NUMBER OF ROOMS WITH BUILT-IN TV CAPABILITIES .....

3. NUMBER OF COMPUTER TERMINALS FOR COMPUTER AIDED INSTRUCTION.....

--

LIBRARY	CLASS LABS	OTHER

4. NUMBER OF STUDY CARRELS AVAILABLE FOR A/V USE .....

5. NASF IN ALL SELF-INSTRUCTIONAL LABORATORIES OR INDIVIDUAL STUDY AREAS EQUIPPED FOR A/V MEDIA USE.....

--

**(B) FUTURE CONSTRUCTION AND MAJOR REMODELING OF JOINT-USE FACILITIES PLANNED FOR COMPLETION BY 1983**

(OVER AND ABOVE ONGOING CONSTRUCTION AND REMODELING REPORTED ON PAGE 3)  
(EXCLUDE HOSPITALS AND CLINICS)

REPORT ONLY THAT ANTICIPATED CONSTRUCTION OR REMODELING OF FACILITIES WHICH WILL NOT BE ALLOCATED TO ANY HEALTH PROFESSIONS SCHOOL, BUT WHICH WILL BE MADE AVAILABLE FOR USE BY ONE OR MORE HEALTH PROFESSIONS SCHOOLS.

CHECK (✓) BOX a. or b. AND ENTER THE YEAR:

a.  THE ESTIMATES ON THIS PAGE ARE BASED ON A DEVELOPMENT OR MASTER PLAN EXTENDING THROUGH CALENDAR YEAR 1986

b.  THE ESTIMATES ON THIS PAGE ARE BASED ON A DEVELOPMENT OR MASTER PLAN WHICH IS IN PROCESS OF BEING FORMULATED EXTENDING THROUGH CALENDAR YEAR \_\_\_\_\_

1. NASF OF OWNED NEW CONSTRUCTION .....

19
----

2. NASF OF MAJOR REMODELING .....

***
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**(3) APPORTION "NEW CONSTRUCTION" (ITEM 1) AS TO ITS PURPOSE:**

a. NASF FOR EXPANDING ENROLLMENT .....

13
----

b. NASF FOR RELIEF OF OVERCROWDING.....

6
---

c. NASF TO REPLACE OBSOLETE FACILITIES .....

--

d. NASF FOR OTHER PURPOSES.....

--

4. TOTAL NASF OF JOINT-USE FACILITIES ANTICIPATED TO BE AVAILABLE TO HEALTH PROFESSIONS SCHOOLS IN 1983.....

146
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\*\*\*142,000 GSF of space in Basic Sciences are planned to be remodeled in order to provide room for the expansion of the Basic Science Programs. This will provide for remodeling and rehabilitation of laboratories and teaching space. At this time we do not have an itemized breakdown for individual rooms!

UNIVERSITY OWNED HOSPITAL(S) AND CLINIC(S)

- CHECK (✓) THE HEALTH PROFESSIONS SCHOOLS USING THIS HOSPITAL OR CLINIC
- a.  DENTISTRY
  - b.  MEDICINE
  - c.  OPTOMETRY
  - d.  OSTEOPATHY
  - e.  PHARMACY
  - f.  PODIATRY
  - g.  PUBLIC HEALTH
  - h.  VETERINARY MEDICINE
  - i.  COMBINATION SCHOOL

NOTE: IF ONLY ONE OF THE ABOVE BOXES WAS CHECKED, DO NOT COMPLETE THIS PAGE.

SECTION A

	NAME OF HOSPITAL OR CLINIC	ADDRESS
1.	University of Minnesota Hospital	Minneapolis, Minnesota 55455
2.	TYPE OF HOSPITAL <input checked="" type="checkbox"/> GENERAL <input type="checkbox"/> SPECIAL (Specify) <input type="checkbox"/> OTHER (Specify)	
	(Check (✓) All Applicable Boxes) ( ) ( )	
3.	LOCALE (Check (✓) One) <input checked="" type="checkbox"/> INNER CITY <input type="checkbox"/> OUTER CITY <input type="checkbox"/> SUBURBAN <input type="checkbox"/> RURAL	

4. TOTAL GSF (Gross Square Feet) 759,333    5. GSF CONSTRUCTED WITH HPEA ASSISTANCE 0    6. NSF (Net Square Feet) REMODELED WITH HPEA ASSISTANCE 0

INPATIENT FACILITIES:

7. BEDS USED FOR STUDENT INSTRUCTION.....

NUMBER	AVERAGE DAILY PATIENT LOAD (ADPL)
a. 829	b. 597

AMBULATORY FACILITIES:

8. EXAMINING AND TREATMENT ROOMS USED FOR STUDENT INSTRUCTION.....

NUMBER OF ROOMS	TOTAL PATIENT STATIONS
a. 114	b. 114

9. NUMBER OF OUTPATIENT VISITS PER YEAR APPLIED TO STUDENT INSTRUCTION ..... 153,977

NON PATIENT-CARE FACILITIES AVAILABLE FOR ACADEMIC PURPOSES

	<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TOTAL OF COLUMNS B-J</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CLASSROOM-TYPE INSTRUCTIONAL SPACE</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CLASS LABORATORIES</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">RESEARCH AND RESEARCH TRAINING SPACE</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">LIBRARY SPACE</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">AUDITORIUMS</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">FACULTY OFFICES</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">ADMINISTRATIVE OFFICES AND AREAS</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">ANIMAL FACILITIES</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">OTHER SPACE - SEMINAR ROOMS</div> </div>									
	A	B	C	D	E	F	G	H	I	J
10.	NASF (Net Assignable Square Feet)									
11.	CHECK (✓) EACH TYPE OF SPACE CONSTR'D. OR REMODELED WITH HPEA ASSISTANCE									
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.	NUMBER OF ROOMS ON LINE 10									

N/A

FACILITIES CURRENTLY NEEDED

13.	ADDITIONAL NASF CURRENTLY NEEDED TO ACCOMMODATE PRESENT ENROLLMENT	14,244	2667			5102			6475
14.	FOR EACH TYPE OF SPACE NEEDED, USE LETTER CODE TO INDICATE THE REASON		ABC			ABC			ABC
15.	WHAT PORTION (in NASF) of EACH ENTRY IN ITEM 13 is ATTRIBUTABLE to OVERCROWDING	1/3	1/3			1/3			1/3

SATISFACTORY FOR PROGRAM PURPOSE	IN NEED OF REMODELING	IN NEED OF REPLACEMENT
a. 1/3	b. 1/3	c. 1/3

16. APPORTION NASF OF LINE 10, COLUMN A BY CONDITION .....

**SECTION B ONGOING AND FULLY AUTHORIZED CONSTRUCTION AND REMODELING**

IF RESPONDENT HAS NO CONSTRUCTION OR REMODELING TO REPORT, CHECK (✓) THE BOX TO THE LEFT AND PROCEED TO SEC. C.

**① OVERVIEW**

- a. OWNED SPACE BEING (OR TO BE) REMODELED.....
- b. OWNED NEW CONSTRUCTION.....

	1	2	3	4
	COST (Thousands)	GSF	NSF	NSF of HPEA ASSIST.
a.	\$			
b.	\$			

**② PATIENT CARE FACILITIES BEING ADDED**

- a. NUMBER OF ADDITIONAL BEDS TO BECOME AVAILABLE FOR STUDENT USE.....
- b. NUMBER OF PATIENT STATIONS IN ADDITIONAL EXAMINING AND TREATMENT ROOMS TO BE USED BY STUDENTS .....


**③ APPORTION GSF OF OWNED NEW CONSTRUCTION (ITEM 1b, Column 2) AS TO PURPOSE**

- a. EXPANDING ENROLLMENT
- b. RELIEF OF OVERCROWDING
- c. REPLACING OBSOLETE SPACE
- d. OTHER PURPOSES

**4. CONSTRUCTION AND REMODELING COSTS AND SOURCES OF FUNDS**

- a. SUM OF COSTS REPORTED IN ITEMS 1a and 1b ABOVE.....
- b. HOW MUCH OF THE TOTAL REPORTED IN ITEM 4a. IS FROM:

\$
----

(1) INSTITUTION'S PRIVATE FUNDS	\$	(4) FOUNDATIONS AND PHILANTHROPIES	\$	(7) CHMTA INTEREST SUBSIDIES	\$
(2) INSTITUTION'S BORROWING	\$	(5) HPEA CONSTRUCTION GRANTS	\$	(8) OTHER FEDERAL SOURCES	\$
(3) STATE OR LOCAL FUNDS	\$	(6) CHMTA LOAN GUARANTEES	\$	(9) OTHER	\$

**HPEA AID; REVISED INVENTORY; AND POST-CONSTRUCTION NEEDS:**

		TOTAL OF COLUMNS B-J CLASSROOM TYPE IN- STRUCTURAL SPACE CLASS LABORATORIES RESEARCH & RESEARCH TRAINING SPACE LIBRARY SPACE AUDITORIUMS FACULTY OFFICES ADMINISTRATIVE OFFICES AND AREAS ANIMAL FACILITIES OTHER SPACE									
		A	B	C	D	E	F	G	H	I	J
5.	CHECK (✓) EACH TYPE OF SPACE CONSTRUCTED OR REMODELED WITH HPEA ASSISTANCE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	REVISED INVENTORY OF NASF AVAILABLE FOR RESPONDENT'S USE AFTER CONSTRUCTION AND REMODELING ARE COMPLETE										
7.	NASF STILL NEEDED AFTER COMPLETION OF REPORTED CONSTRUCTION AND REMODELING										
8.	FOR EACH TYPE OF SPACE NEEDED, USE LETTER CODE TO INDICATE THE REASON										

9. INDICATE THE CALENDAR YEAR ALL ONGOING AND FULLY AUTHORIZED CONSTRUCTION AND REMODELING ARE EXPECTED TO BE COMPLETED \_\_\_\_\_

**SECTION C**

**FUTURE CONSTRUCTION AND MAJOR REMODELING PLANNED FOR COMPLETION BY 1983**

(OVER AND ABOVE ONGOING CONSTRUCTION AND REMODELING REPORTED IN SECTION B)

**① OVERVIEW**

- a. NSF TO BE REMODELED
- b. GSF OF NEW CONSTRUCTION
- c. TOTAL NASF ANTICIPATED TO BE AVAILABLE FOR JOINT-USE BY 1983

**② APPORTION "GSF OF NEW CONSTRUCTION" (ITEM C.1.b.) AS TO ITS PURPOSE:**

- a. GSF FOR EXPANDING ENROLLMENT
- b. GSF FOR RELIEF OF OVERCROWDING
- c. GSF TO REPLACE OBSOLETE FACILITIES
- d. GSF FOR OTHER PURPOSES

