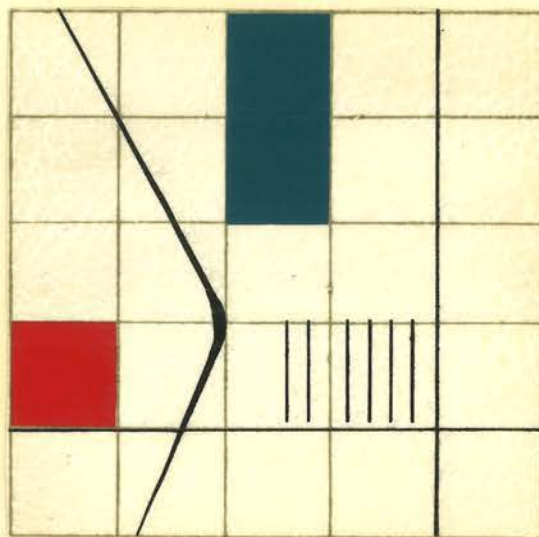


**UNIVERSITY OF
ROCHESTER MEDICAL CENTER**

ROCHESTER NEW YORK

SPACE PROGRAM



ELLERBE

THE UNIVERSITY OF ROCHESTER

INTRAMURAL CORRESPONDENCE November 11, 1965

Dear Dr. Haggerty:

For the study of particular neuromuscular diseases it would be desirable to establish an electrodiagnostic laboratory within the Pediatric Dept. The size necessary for such a laboratory would be ideally about 2 modules as defined in the plan which you discussed with us. If possible, the laboratory should be sound-proof and screened in as a Faraday cage to prevent as much as possible electrical interference from the outside, particularly interference of *60 cycle*. It should contain an examining table for the patient, a sink, space for a brain-wave machine, space for at least one *oscilloscope*, and amplifiers and stimulators, a Polqroid and possibly a Glass camera to *obtain* EMGs and nerve conduction studies. Space will be necessary for a projector to enlarge electro-myogram film for evaluation, and filing space for the records and research material. I would appreciate very much if plans for such a laboratory could be included in future plans for the department.

Sincerely yours,

Agneta D. Borgstedt
Agneta D. Borgstedt, M.D.

THOS. F. ELLERBE
ARCHITECT
SAINT PAUL, MINNESOTA

OCTOBER 26, 1962
REVISED OCTOBER 25, 1963

ARCHITECTURAL SPACE PROGRAM
THE UNIVERSITY OF ROCHESTER
MEDICAL CENTER
ROCHESTER, NEW YORK

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RECAPITULATION OF
REQUIRED NET AREAS

	<u>Net Sq Ft</u>	
1. Medical School		
A. Basic Sciences		
1. Anatomy	25,000	
2. Biochemistry	27,300	
3. Microbiology	29,500	
4. Pathology	29,300	
5. Pharmacology	12,900	
6. Physiology	23,300	
B. Clinical Sciences		
1. Obstetrics	13,000	
2. Pediatrics	16,500	
3. Psychiatry	26,000	
4. Radiology	6,000	
5. Medicine	35,000	
6. Surgery	45,000	
7. Preventive Medicine and Public Health	14,000	
8. Dentistry and Dental Research	6,400	
C. Supporting Services		
1. Medical Illustration	6,300	
2. Animal Facility	50,000	
3. Student Unit Laboratories	25,200	
4. Lecture Facilities	17,800	
5. Student Facilities	20,300	
6. Storage	12,000	
7. Library	30,000	
8. Technical Shops	6,000	
D. Administration		
1. Dean's Space	<u>20,700</u>	
Total		496,500

Net Sq Ft

2.	Teaching Hospital		
	A. Nursing Service	310,000	
	B. Administration	24,300	
	C. Emergency Department	14,300	
	D. Surgery	33,000	
	E. Central Supply and Pharmacy	12,000	
	F. Labor and Delivery	11,000	
	G. Nurseries	3,000	
	H. Clinical Laboratories	17,500	
	I. Diagnostic X-ray	31,700	
	J. Food Service	32,000	
	K. Inhalation Therapy	1,500	
	L. Equipment Center	<u>2,500</u>	
	Total		492,800
3.	Psychiatry Wing		49,000
4.	School of Nursing		19,500
5.	Outpatient Clinics		50,000
6.	Atomic Energy Project		22,000
7.	Municipal Hospital Wings X - Y		66,200
8.	Rehabilitation Unit Wing U		40,700
9.	Student Health Service		14,000
10.	Clinical Dentistry		2,600
11.	Central Services for Medical Center		
	A. Post Office	2,000	
	B. Communication Center	3,000	
	C. Security	1,600	
	D. Receiving and Stores	24,000	
	E. Engineering and Maintenance	24,600	
	F. Employee Facilities	20,000	
	G. Personnel Department	<u>6,500</u>	
	Total		81,700
12.	Motel Facility		22,000

PART 1 - MEDICAL SCHOOL

SECTION A - BASIC SCIENCES

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
I. Anatomy			
A. Faculty Facilities			
1. Professor's Office (Chairman)	1	3	3
Professor's Research Lab.	1	4	4
2. Secretary (Min. for 2)	1	3	3
3. Faculty Offices	15	2	30
Faculty Secretaries	2	2	4
4. Faculty Professors	3	4	12
Research Assoc. Professors	3	3	9
Labs Asst. Professors	2	2	4
Instructors	2	1	3
5. P. D. Fellows Office-Lab	3	3	9
6. Graduate Student Labs	10	2	20
7. Storage - General	1	6	6
Storage for Research Labs	8	1	8
8. Special Projects Lab	1	6	6
9. Conference Seminar Room	1	6	6
B. Teaching and Special Facilities			
1. Dissection - 24 tables in 6 spaces of 4 tables each - 4 students per table	7	6	42
a. Study and Reference Room	1	6	6
b. Storage Room for above	1	3	3
2. Demonstr. Surg. Anat.	1	6	6
3. Graduate Teaching	1	2	2
4. Micro and Neuro Anatomy (Part of unit laboratory)			

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
5. Animal Labs (Small Animals)	5	2	10
	1	3	3
6. Cold Room	1	3	3
7. Micro and Neuro Anatomy Preparation	1	6	6
8. Cadaver Preparation and Storage Area			
a. Refrigerated Space for 100	1	6	6
b. Work and Prep.	1	3	3
c. Crematory	1	4	4
d. Storage	1	2	2
e. Diener's Office	1	2	2
f. Toilet and Shower	1	1	1
9. Urn and Gross Storage Room	1	2	2
Total			228

Area Required -

228 Modules @ 110 sq ft = 25,000 net sq ft

II. Biochemistry

A. Faculty Facilities

1 a. Chairman Office	1	3	3
b. Chairman Lab.	1	3	3
2. Secretaries (3)	1	4	4
3. Conference Room (40-50)	2	6	12
4. Faculty Offices (10) + P. D. Offices (10) + Lab Space for P. D. + Tech. (10)	10	8	80
5 a. Grad. Student Labs (16) (1- and 2-year Students)	2	16	32
b. Grad. Student Offices + Lab	16	2	32
6. Special Projects Lab (Large scale preparation)	2	4	8
7. Storage	1	4	4

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
8. Balance Room	1	2	2
9. Instruments			
Centrifuge	1	6	6
Instruments	2	4	8
Ultra Centrifuge	1	4	4
B. Teaching and Special Facilities			
1. Unit Lab (Not a part of Dept. Area)			
2. Graduate Students Teaching Lab Special Course			
3. Preparation and Stock for Biochemistry	2	10	20
a. Balance and Instrument Room (In Student Labs)			
4. Glass Washing and Storage	1	8	8
5. Cold Room	1	3	3
6. Chromatography	1	4	4
7. Dark Room	2	1	2
8. Departmental Shops	1	3	3
9. Counting Room	1	4	4
10. Animal Labs	1	2	2
11. Library	1	4	<u>4</u>
Total			248
Area Required -			
248 Modules @ 110 sq ft = 27,300 net sq ft			

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
III. Microbiology			
A. Administration and Research			
1. Chairman, Office	1	3	3
2. Administrative Assistants	1	6	6
3. Secretaries Offices	2	2	4
4. Faculty			
a. Offices	10	2	20
b. Research Laboratories	10	4	40
c. Laboratory Offices and Locker Space	10	1	10
d. Equipment and Supply Storage	10	1	10
5. Postdoctoral Fellows Labs	10	3	30
6. Graduate Students			
a. Research Labs	9	3	27
b. Teaching Labs	2	3	6
c. Preparation Labs	1	2	2
d. Storage	1	3	3
7. Conference and Seminar Room	1	8	8
8. Department Library	1	4	4
B. Specialized Labs and Rooms			
1. Chromatography	1	2	2
2. Isotope Lab			
a. Preparation	1	2	2
b. Counting	1	1	1
3. Electron Microscopy Lab	1	10	10
4. Fluorescent Microscopy Lab	1	4	4
5. Heavy Equipment Room	1	8	8
6. Balance Room	1	1	1
7. Data Analysis Room	1	2	2

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
8. Photographic Dark Room	1	3	3
9. Low Temperature Lab	1	2	2
10. Controlled Temperature Rooms	3	1	3
11. Cold Storage Rooms (Outer Section +4°C. 13x17) (Inner Section -20°C. 7x17)	2	3	6
12. Animal Lab	1	3	3
13. Animal Quarters Refer to Part I, Medical School, Section 3, Item II, Animal Quarters			
14. Analytical Ultra Centrifuge Room	1	4	4
C. Service Areas			
1. Special Diagnostic Labs			
a. Diagnostic Microbiology	1	5	5
b. Virus Diagnostic Studies	1	5	5
c. Offices	1	4	4
2. Media and Glassware	1	15	15
3. General Storage	1	12	12
4. Shop	1	3	3
D. Institutional Area			
Refer to Part II, Teaching Hospital, Section VIII, Clinical Laboratories			
Total			268
Area Required -			
268 Modules @ 110 sq ft = 29,500 net sq ft			

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
IV. Pathology			
A. Faculty Facilities			
1. Professor's Office (Chairman)	1	3	3
2. Secretary	1	8	8
3. Conference Seminar Room and Record Storage	1	6	6
a. Slide Storage and Office	1	5	5
4. Faculty Offices	12	2	24
a. Part Time	4	1	4
5. P. D. Fellows Office and Lab	8	2	16
6. Research Labs	9	4	36
a. Storage for above	9	1	9
b. Lab office for above	9	1	9
7. Special Projects Lab	2	4	8
8. Residents Laboratories (12)	3	4	12
9. Residents Offices (24)	8	2	16
10. Storage*	1	6	6
11. Data Analysis	1	4	4
B. Teaching Facilities and Special Facilities			
1. Unit Laboratories (Not a part of Dept. Area)			
2. Preparation and Issue for Pathology			18
a. Gross Prep.			
b. Embedding			
c. Tissue and Staining			
d. Technicians Office Adjacent			
e. Secretary			
f. Micro-Reducing Surgical			

*600 sq ft of storage required outside of department requirements.

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
3. Autopsy (4) - (One with x ray)	4	4	16
a. Utility Clean and Soiled	1	3	3
b. Photo Room	1	1	1
c. Dark Room	1	1	1
d. Showers and Dressing	2	2	4
4. Gross Conference	1	3	3
a. Cold Room Adjacent	1	2	2
5. Dictation Room	1	1	1
6. Micro Projection	1	1	1
7. Animal Rooms (Refer to Animal Quarters)			
8. Cold Room (Lab)	1	3	3
9. Museum (Display cases by Student Lab Area)			
10. Electron Microscope (4 scopes)	4	2	8
a. Work Room)			
b. Micro Rooms)			
c. Dark Rooms)			16
d. Read and Files)			
11. Cystology			12
12. Dishwashing	1	3	<u>3</u>
Total			266

Area Required -

266 Modules @ 110 sq ft = 29,300 net sq ft

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
V. Pharmacology			
A. Faculty Facilities			
1. Professor's Office (Chairman)	1	3	3
2. Secretary and Clerk	3	1	3
3. Conference Seminar Room	1	6	6
a. Library	1	1	1
4. Faculty Offices	9	2	18
5. P. D. Fellows Office	4	2	8
6. Graduate Students Labs	4	2	8
7. Research Labs	7 4	5 3	35 12
8. Shop	1	2	2
9. Hot and Cold Environmental	1	3	3
10. Storage	1	4	4
11. Data Analysis (Balance, Instruments and Counting)	1	3	3
B. Teaching Facilities and Special Facilities			
1. Unit Labs (Not a part of Dept. Area)			
2. Preparation for Pharmacology) (Includes manufacture, storage) and issue)))			
a. Technician Office Adjacent)		5	5
b. Supply Room)			
c. Glass Washing and Storage)			
3. Animal Rooms	1	2	2
a. Special Environmental	1	3	3
4. Dark Room	1	1	1
Total			117
Area Required -			
117 Modules @ 110 sq ft = 12,900 net sq ft			

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
VI. Physiology			
A. Faculty Facilities			
1. Professor's Office (Chairman)	1	3	3
2. Secretary (3 full time)	1	4	4
3. Conference Room (Present O. K.)	1	6	6
4. Faculty Offices	16	2	32
5. P. D. Fellows Office (30)	15	1	15
6. Graduate Student Labs	8	2	16
7. Research Labs	16	4	64
a. Storage for above	3	1	3
b. Lab Office for above	3	1	3
8. Preparation Room	1	2	2
9. Storage	1	3	3
10. Data Analysis	1	1	1
B. Teaching Facilities and Special Facilities			
1. Unit Laboratories (Not a part of Dept. Area)			
2. Preparation and Issue for Physiology	1	5	5
a. Technician's Office Adjacent	1	2	2
b. Work and Issue Space	1	2	2
c. Supply and Equipment Storage	1	4	4
3. Constant Temperature Rooms			
a. Hot	1	1	1
b. Cold	1	2	2
c. Work Room Adjacent	1	2	2
d. Office Adjacent	1	1	1

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
4. Shielded Room	1	3	3
a. Control and Work Room Adjacent	1	2	2
b. Dark Room	1	1	1
5. Audio Room	1	1	1
a. Control and Work Room Adjacent	1	1	1
6. Physio-Optics Room	1	1	1
7. Treadmill and Gas Analysis Room	1	2	2
8. Special Study and Exam Rooms	1	2	2
9. Shops			
a. Optical Instruments, etc.	1	4	4
b. Electronic	1	3	3
10. Balance	1	2	2
11. Animal Rooms	3	2	6
12. Cold Room*	1	2	2
13. Isotope Counting Room	1	2	<u>2</u>
Total			203

Area Required -

203 Modules @ 110 sq ft = 22,300 net sq ft

*Two separate cold room facilities are required as scheduled.

<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
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SECTION B - CLINICAL SCIENCES

I. Obstetrics

A. Faculty Facilities

1. Professor's Office (Chairman)	1	3	3
2. Secretary	1	2	2
a. Receptionist, Waiting, Communications and Mail	1	2	2
3. Conference Room	1	8	8
a. Storage and Examination Table	1	2	2
4. Faculty Offices	12	2	24
a. Secretary Space	1	3	3
5. Six P. D. Fellows Offices 6/2M	1	2	2
6. Twelve Residents Offices 6/2M	2	2	2
7. Graduate Students Labs	4	2	8
a. Microscope Lab	1	2	2
b. Isotope Lab	1	2	2
8. Research Labs	10	3	30
a. Storage for above	5	1	5
b. Lab Office for above	5	1	5
9. Special Projects Lab	1	5	5
10. Storage	1	2	2
11. Data Analysis	1	3	3
12. Animal Room	1	2	2
13. Cold Room	1	2	2
14. Reading and Study	1	2	2
Total			118

Area Required -

118 Modules @ 110 sq ft = 13,000 net sq ft

Pediatric Dept. Space needs (in modules 110 sq ft)

<u>Use</u>	<u>Present avail</u>	<u>GG</u>	<u>1963 Est</u>	<u>Total</u> <u>1965-66 Est</u>	<u>change to</u> <u>Future</u> <u>Location</u>
Chs. office	2 $\frac{1}{2}$	0	3	3	near O P D
Exec. Sec	1	0	2	2	"
adm. - assistant office + sec	0	0	0	2	
Dept. Waiting office					
pool					
+ Sec. space & files	2	0	0	3	"
Faculty offices	13	3	40	40	
Secr. (20)	3	1	9	9	
P.D. fellows (12)	2	6	12	12	
Residents room	1	0	2	2	
Conf Room - 100	3 $\frac{1}{2}$	0	6	6	near Hosp & O P D
Lit. Kitchens + kitchenette	3 $\frac{1}{2}$	0	6	6	"
Toilets	1				
Research Labs	9 14		45	45	
Storage			15		
Special Projects lab	0		3		
Storage			2		
Animal Rooms	1	3	3	6	
Cold room	0	1	2	2	
	<u>47</u> 42 $\frac{1}{2}$		<u>150</u>		

Hosp.	150 beds	120 beds + nurseries	Incl. Teen age floor & student health
Perinatal Research Center & OBS	0	15 $\frac{1}{2}$ babies $\frac{1}{2}$ mothers	
Rehab unit	50 ($\frac{1}{2}$ children)	10	
Emergency		1 unit office for ped. supervisor	
O P D		2 floors -	

THE UNIVERSITY OF ROCHESTER
SCHOOL OF MEDICINE AND DENTISTRY

October 16, 1965

MEMO TO: Department Chairmen and Division Heads

SUBJECT: Space Problems and Reassessments

1. In view of the building construction presently underway and in addition the new hospital, clinic, and laboratory facilities which we hope to build in the near future, disruption of some medical school programs will occur for longer or shorter periods over the next three or more years.

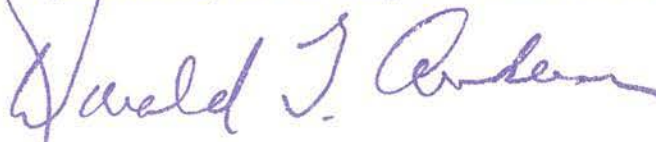
Until the completion of the Animal Research Wing in November, 1967, there will be no increase in available permanent space. In addition, the renovation and alteration of existing space in preparation for or in conjunction with new building will cut into the presently available space in some areas and may lead to reduction in certain affected programs.

2. It is therefore incumbent on each department to keep abreast of the planning and its scheduled implementation so that adequate preparation for the disruption of activity can be made. Anticipation coupled with appropriate advance notice can often alleviate much of the stress in moving personnel and equipment to temporary or permanent new quarters.

3. In looking ahead to continuing construction, a review and reassessment of departmental space needs should be made. It is now over two years since we gathered the data on which our long-range Master Plan was formulated, and some changes in concept and direction have probably occurred. Therefore, your attention to the program of your department or division is encouraged with a review of your space needs, arrangements, and geographical location. We would like from you by November 15 a statement confirming or updating your department plans for programs and needs for space.

Perhaps in certain cases there will be a reduction of space needed, and even some present space that may be surrendered or loaned for a period of time to assist the school in overcoming the shortages of the next few years. At any rate, your thoughts and accurate updating of your department's or division's position are needed by the Planning Committee.

4. Questions about these matters may be directed to Dr. Penninger, Dr. McKee, or Mr. Eugene Winter. An up-to-date report on the position of your area of responsibility is anticipated on or before November 15.



Donald G. Anderson, M. D., Dean

get out master plan -

D-4 - RSN - sociologist
Director Mpt. services
Residents office

Charney → Lawrence - Hinkson
Folles -

Borgstelt -

Hanshaw → GG when done

clinic - Director
Charney

Rehab man

Scheiner

G-3 - Folles - Bayson
Johnstone

GG - neonatologist
Immunologist

Programs that need new space

High risk pregnancy project - 1 room PNH
sec

1 room FEG

<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
---------------	--------------------	---------------------

II. Pediatrics

A. Faculty Facilities

1. Professor's Office (Chairman)	1	3	3
2. Secretary	1	2	2
3. Conference Room	1	6	6
4. Library and Conference Room	1	6	6
5. Faculty Offices	20	2	40
a. Secretaries (10)	3	3	9
6. P. D. Fellows Office (12)	12	1	12
7. Resident's Office	1	2	2
8. Research Labs	15	3	45
a. Storage for above	15	1	15
9. Special Projects Lab	1	3	3
10. Storage	1	2	2
11. Animal Room	1	3	3
12. Cold Room	1	2	<u>2</u>
Total			150

Area Required -

150 Modules @ 110 sq ft = 16,500 net sq ft

① animal space - double
 espec. primates - space allocation. ? ask biochemistry re their
 pigs, goats
long term need for farm

② { neurological clinical ~~lab~~ laboratory - sound proof rooms for children
 { cognitive studies
 { perinatal research center
 all in OPD area

③ Teen age

III. Psychiatry

(This department to be expanded, utilizing space in connecting Wing R and Wing Q on Basement Ground, First and Second Floors.)

A. Faculty Facilities

1. Professor's Office (Chairman)
2. Secretary
3. Conference Room
4. Faculty Offices
5. P. D. Fellows Offices
6. Interview Offices
7. Psychologist Office
8. Research Laboratories
 - a. Storage for above
 - b. Lab office for above
9. Special Laboratories (EEG) (Psycho Physics)
10. Animal Labs
11. Animal Rooms
12. Cold Room
13. Storage
14. Records and Data Analysis

Department Area Required - 26,000 net sq ft

IV. Radiology

A. Faculty Facilities

1. Professor's Office (Chairman)	1	3	3
2. Secretary	1	2	2
3. Conference Room	1	5	5

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
4. Faculty Offices	6	2	12
a. Secretaries and Clerks	1	4	4
5. P. D. Fellows Office (6)	1	2	2
6. Graduate Students Lab			
a. Included in Graduate Student Labs			
7. Research Labs	4	3	12
a. Storage for above	4	1	4
b. Lab Office for above	4	1	4
8. Record Room	1	2	2
9. Shop and Instrument Room	1	2	2
10. Animal Room	1	2	2
11. Cold Room	1	1	1
12. Chromatography	1	1	<u>1</u>
Total			56

Area Required -

56 Units @ 110 sq ft = 6,000 net sq ft

V. Medicine

A. General Internal Medicine

1. Chairman's Office	1	3	3
2. Secretaries' Office and Files	1	2	2
Secretarial Pool and Files	1	3	3
3. Mail Room			
4. Faculty Offices 2 x 2m + 2 x 1m	2	2)	6
Chief Resident's Office	2	1)	1

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
5. Cubicles for Residents (6)	1	3	3
6. Research Laboratories with Small Lab Offices	2	4	8
7. Administrative Asst. Office	1	2	2
B. Departmental Shared Facilities (See Section A)			
1. Conference Room (McCann Room - Multipurpose with Kitchenette)	1	7	7
Conference Room	1	4	4
2. Storage	1	2)	4
	2	1)	
3. Cold Storage	3	1	3
4. Cold Laboratory	1	1	1
5. Instrument Room	1	1	1
6. Animal Rooms for Short-term Observations	2	2	4
7. Chromatography Room	1	2	2
8. Isotope Counting Room	1	2	2
C. Arthritis Unit (Located Near Immunology and Infectious Disease Units)			
1. Faculty Offices	2	2	4
2. Secretary and Files	1	2	2
3. Laboratories	2	4	8
4. Cubicles (4)	1	2	2
5. Room for Large Equip. (To be shared with Immunology and Infectious Disease Units)	1	3	3

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
D. Immunology Unit (Located near Infectious Diseases and Arthritis Units)			
1. Faculty Office (Head of Unit)	1	2	2
2. Office-Lab Combination for Senior Staff	2	4	8
3. Immunofluorescence Lab with Small Office	1	5	5
4. Chemistry Laboratory	1	3	3
5. Allergy and Immunology Service Lab	1	3	3
6. Secretary and Files	1	2	2
7. Cubicles (4)	1	2	2
E. Infectious Disease Unit (Located near Immunology and Arthritis Units)			
1. Unit Head Office	1	2	2
2. Secretary	1	2	2
3. Lab (Including Lab Offices)	2	2	4
4. Inoculation Room	1	1	1
5. Cubicles (4)	1	2	2
F. Cardiovascular Unit (Located Adjacent to Pulmonary Unit)			
1. Offices - Unit Head	1	2	2
- Other Faculty			
2 x 2m + 2 x 1m	2	2)	
	2	1)	6
- Secretary	1	2	2
2. Catheterization Room with Image Intensifier	1	3	3
3. Room for Cardiographic Studies: ballisto-, vecto-, and phono-	1	2	2
4. Chemical Laboratory	1	4	4

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
5. Room for Studies of Blood Flow and Volume with Circulatory Model	1	1	1
6. Room for Physical Examinations and Recovery	1	1	1
G. Pulmonary Unit (Located Adjacent to Cardiovascular Unit)			
1. Offices - Unit Head	1	2	2
- Other Faculty 2m + 1m	1	2)	
	1	1)	3
- Secretary and Files	1	2	2
2. Lab for Spirometry, Determination of Lung Volume Distribution of Gas, Pulmonary Diffusing Capacity, Gas Chromatography	1	4	4
3. Lab for Body Plethysmograph, Study of Pulmonary and Thoracic Mechanics	1	3	3
F. + G. Space to be Shared by Cardiovascular and Pulmonary Units			
1. Lab for Gas Analyses	1	2	2
2. Lab for Motor-Driven Treadmill	1	1	1
3. Storage Room for Gas Tanks, Heavy Equip., Reprints	1	2	2
4. Room for Calculations, Filing Cabinets, Journals, Conference	1	3	3
5. Cubicles (10)	1	5	5
H. Dermatology Unit (Located near Immunology, Endocrinology and Metabolism Units)			
1. Unit Head's Office	1	2	2
2. Secretary	1	2	2
3. Laboratories (Including Offices)	2	4	8

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
4. Cubicles (4)	1	2	2
5. Room for Photographic Files and Other Teaching Aids	1	1	1
I. Endocrinology Unit (Adjacent to Metabolism Unit)			
1. Unit Head's Office	1	2	2
2. Secretary	1	2	2
3. Laboratory and Lab Office	2	4	8
Laboratory for Unit Head	1	4	4
Animal Room and Laboratory	1	4	4
4. Cubicles (6)	1	3	3
Plus use of Chromatography and Isotope Counting Rooms of Department (See Section B)			
J. Metabolism Unit (Adjacent to Endocrine Unit)			
1. Unit Head's Office	1	2	2
Faculty Offices	1	2)	
	2	1)	4
2. Secretary	1	2	2
3. Laboratories	1	4)	
	3	3)	13
4. Cubicles (4)	1	2	2
Plus Space for Metabolism Ward, Including Special Diet Kitchen, Utility Room and Supporting Laboratories			
K. Gastroenterology Unit			
1. Unit Head's Office	1	2	2
Faculty Offices	1	2)	
	1	1)	3
2. Secretaries	1	2	2
3. Laboratories (Including Lab Offices)	2	4	12
4. Cubicles (6)	1	3	3

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
L. Hematology Unit			
1. Unit Head's Office	1	2	2
Faculty Offices	1	2)	
	1	1)	3
2. Secretaries	1	3	3
3. Laboratories (Including Lab Offices)	5	4	20
4. Cubicles (6)	1	3	3
M. Nephrology			
1. Unit Head's Office	1	2	2
2. Laboratories 1 x 4m + 1 x 2m	1	4)	6
	1	2)	
3. Cubicles (2)	1	1	1
Will use departmental secretarial pool plus telephone answering service of secretary in adjacent unit.			
N. Neurology			
1. Unit Head's Office	1	2	2
Faculty Offices 1 x 2m + 2 x 1m	1	2)	
	1	1)	4
2. Secretaries	1	3	3
3. Laboratory (Including Lab Offices)	4	4	16
4. Cubicles (10)	1	5	5
Plus Hospital Facilities for EEG, EMG, Neuropathology and Neuroradiology			
Total			318
Area Required -			
318 Modules @ 110 sq ft = 35,000 net sq ft			

<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
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VI. Surgery (General Surgery)

A. Faculty Facilities

1. Professor's Office (Chairman)	1	2	2
2. Secretary	1	2	2
3. Conference Seminar Room	1	5	5
4. Faculty Offices (17)	(2 (15	2 1	4 15
a. Secretaries	4	1	4
5. P. D. Fellows Office (6)	2	2	4
6. Residents			
Senior Resident	1	1	1
General Resident	2	2	4
7. Research Labs	20	3	60
a. Storage for above			
b. Lab Office for above			10

B. Anesthesiology (Adjacent to OR's)

1. Professor's Office	1	2	2
2. Seminar and Library	1	5	5
3. Secretary	1	3	3
4. Faculty Offices (14)	14	1-1/2	21
5. Resident Office	1	1	1
6. Laboratory	4	3	12
7. Storage	1	1	1

C. Neuro-Surgery

1. Professor's Office	1	2	2
2. Secretary	2	1	2
3. Faculty Offices	2	1-1/2	3

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
4. Laboratories	5	3	15
a. Storage for above	1	1	1
5. Resident Office	1	1	1
D. Orthopedic Surgery*			
1. Professor's Office	1	2	2
2. Secretaries (3)	3	1	3
3. Faculty Offices	5	2	10
4. Laboratory	5	3	15
5. Conference and Library	1	3	3
6. Resident Office	1	1	1
E. Otolaryngology			
1. Professor's Office	1	2	2
2. Secretary	2	2	4
3. Faculty Office	2	2	4
4. Laboratory	3	3	9
a. Storage	3	1	3
b. Lab Office	3	1	3
5. Resident Office	1	2	2
F. Ophthalmology			
1. Professor's Office	1	2	2
2. Secretary	1	2	2
3. Faculty Office	3	2	6
4. Residents Office (6)	2	2	4
5. Laboratory	4	3	12
a. Storage for above	4	1	4
b. Lab Office for above	4	1	4

*Provisions for Gait Laboratory?

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
G. Plastic Surgery			
1. Professor's Office	1	2	2
2. Secretaries (3)	3	1	3
3. Faculty Offices	2	1-1/2	3
4. Laboratory	4	3	12
5. Resident Staff and Library	1	2	2
H. Urological Surgery			
1. Professor's Office	1	2	2
2. Secretaries (2)	1	2	2
3. Conference Seminar	1	3	3
4. Faculty Offices	6	2	12
5. Secy. Pool (3)	1	3	3
6. Resident and Fellows Office (6)	1	2	2
7. Research Labs	6	4	24
a. Storage for above	6	1	6
b. Lab Office for above	6	1	6
8. Storage	1	1	1
I. Departmental Shared Facilities			
1. Conference Room	1	5	5
2. Cold Room			
3. Data Analysis			8
4. Special Projects Room			
5. Surgery Research			30
(Includes scrub-up and gown space, sterile supply and sterilizing, observation, control room and operating room.)			

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
6. Animal Rooms	1	3	3
7. Storage	1	4	<u>4</u>
Total			410

Area Required -

410 Modules @ 110 sq ft = 45,000 net sq ft

VII. Preventive Medicine and Public Health

A.

1. Professor's Office (Chairman)	1	3	3
2. Secretary	1	2	2
3. Conference	1	6	6
4. Faculty Offices	20	2	40
a. Secy. Space	10	1	10
5. P. D. Fellows Office (30)	10	2	20
6. Research Labs	10	3	30
a. Storage for above	1	4	4
(The above labs for Industrial Medicine, Biostatistics, Epidemiology, Genetics, Public Health and Occupational Medicine.)			
7. Special Projects Room	1	4	4
8. Data Analysis	1	4	4
9. Cold Room	1	2	2
10. Storage	1	2	<u>2</u>
Total			127

Area Required -

127 Modules @ 110 sq ft = 14,000 net sq ft

<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
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VIII. Dentistry and Dental Research

A. Dental Research

1. Professor's Office	1	3	3
2. Secretary	1	2	2
3. Conference Room	1	4	4
4. Faculty Offices	5	2	10
5. Research Labs	5	4	20
a. Storage for above	5	1	5
b. Lab Office for above	5	1	5
6. Data Analysis	1	2	2
7. Animal Labs	1	3	3
8. Cold Room	1	2	2
9. Storage	1	1	1
10. Dark Room	1	1	<u>1</u>
Total			58

Area Required -

58 Modules @ 110 sq ft = 6,400 net sq ft

SECTION C - SUPPORTING SERVICES FOR MEDICAL SCHOOL

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
I. Medical Illustration			
A. Medical Art			
1. Dept. Head Office and Work Space			3
2. Secy. and Files (Adjacent to Waiting)			2
3. Waiting			1
4. Montage and Casting			2
5. Artists (Space arranged for)			
4 cubicles)			
6. Work Room			6
7. Storage			3
B. Medical Photography			
1. Office, Chief Photographer			2
2. Secy. and Waiting			3
3. Photographers Office (3)			2
4. Studio (long for cine photography)			
a. Toilet			5
b. Dressing			1
5. Developing Dark Room			2
6. Printing and Color Developing Dark Room			2
7. Photomicrography			1
8. Work Room			2
9. Finishing and Editing			2
10. Logatronic Device and Dark Room			2
11. Storage			1

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
C. Audio Visual Center			
1. Office			2
2. Projection Service Storage and Repair			2
3. Demonstration of Equipment			1
4. TV Equip. Storage and Studio			<u>10</u>
Total			57
Area Required -			
57 Modules @ 110 sq ft = 6,300 net sq ft			

Net Sq Ft

II. Animal Facility

A. Receiving

1. Receiving Area	400
a. Quarantine - 3 @ 300	900
b. Refrigerated Trash	200
c. Trash	200
2. Diener's Office	240
3. Control and Secretary	480
4. Animal Holding - 3 @ 300	900

B. Dog Quarters

30 Rooms @ 240 (20 Dogs)	7,200
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C. Primate Quarters

1. Large Monkeys, 7 Rooms @ 240 (20 Monkeys)	1,680
2. Small Monkeys, 7 Rooms @ 240 (40 Monkeys)	1,680

D. Small Animal Quarters

1. Rabbits and Cats, 25 Rms. @ 240 (75 Animals)	6,000
2. Rats, Mice, Hamsters, Guinea Pigs, 63 Rooms @ 240 (200 Animals)	15,120

	<u>Net Sq Ft</u>
E. Swine, Goats, Sheep, Calf Quarters, 2 Rooms @ 240	480
F. Invertebrates, Chickens, Snakes and Aquatic Animal Quarters, 3 Rooms @ 240	720
G. Animal Procedure Rooms, 33 Rooms @ 160	5,280
H. Special Facilities (Metabolic, Isolation, Germ Free, Observation and Operating Rooms), 15 Rooms @ 240	3,600
I. X-ray and Dark Room	480
J. Animal Preparation	370
K. Animal Autopsy	375
L. Morgue and Small Animal Disposal	375
M. Nutrition and Food Storage	400
1. Bedding Storage	240
N. Cage Washing and Cage Storage	1,000
O. Administration	
1. Veterinarian Office	240
2. Secretary	240
3. Conference	300
P. Lockers, Toilet and Shower Facilities	300
Q. Incinerator Room	<u>600</u>
Total Net Area	50,000

III. Student Unit Laboratories

These laboratories should be designed to accommodate 16 students, each of whom will be assigned to a sit-down space where most of the experiments may be carried out. An open area with chemical benches on either side with space in the center for experiments requiring heavy equipment and physiological tests should be provided for joint and group use. These laboratories should be arranged in pairs with space between for storage, preparation and special equipment.

Unit Labs

18 required at 1,200 sq ft =	21,600
9 storage and preparation at 400 sq ft =	<u>3,600</u>
Area Required	25,200 net sq ft

Note:

First and Second Year Students adjacent to Basic Science Departments (student study cubicles adjacent to unit laboratories).

Third and Fourth Year Students in undifferentiated labs (student study cubicles preferably adjacent to library).

IV. Lecture Facilities

A. Auditorium

One existing, seating 325	2,500
One additional, seating 200	2,500

B. Lecture Rooms (Sloping Floor)

4 seating 150 @ 2,000	8,000
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(One lecture room to have demonstration area with wall of one-way glass, observable from seats. Preparation area adjacent.)

C. Conference Rooms

8 to accommodate 50 @ 600	4,800
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(With room divisions)

Area Required	17,800 net sq ft
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Note:

Two existing lecture rooms seating 90 to be converted to other use.

V. Student Facilities

A. Study Area (Units located adjacent to unit laboratories)

192 individual study cubicles in
groups of not more than 4 - 6 cubicles 7,700

B. Study Area (Units preferably located adjacent to library hospital and outpatient clinics)

192 individual study cubicles in
groups of not more than 4 - 6 cubicles 7,700

C. Student Lounge Area

(Including snack bar, toilets and
rest rooms) 3,000

D. Student Activities Office 600

E. Book Store 600

F. Laundry Collection and Distribution 700

(Include storage and work room)

Area Required 20,300 net sq ft

VI. Storage (Consider off-site storage)

Area Required 12,000 net sq ft

VII. Library (Expansion now under construction) 30,000 " " "

VIII. Technical Shops

Area Required 6,000 " " "

SECTION D - ADMINISTRATION

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
I. Vice President and Director of M. C.			
A. Director's Office and Toilet	1	5	5
1. Exec. Secretary	1	3	3
2. Secretaries Office (4)	2	2	4
3. Receptionist and Waiting	1	3	3
B. Assistant Research Grants Offices			
1. Office	1	3	3
2. Secretaries (2)	1	2	2
C. Assistant Director Post Grad. Ed.			
1. Office	1	3	3
2. Secretary (1)	1	1	1
D. Assistant Director Public Relations			
1. Office	1	3	3
2. Secretary (1)	1	1	1
E. Assistant Director General Services			
1. Office	1	2	2
2. Secretary (1)	1	1	1
F. Assistant Director Financial Affairs			
1. Office	1	3	3
2. Accountant Offices (2) (Refer to Hospital for Patient Services)	2	2	4
3. Secretaries (2)	1	2	2

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
G. Assistant Director General Business Affairs			
1. Office	1	2	2
2. Secretaries (2)	1	2	2
3. Business Office	1	6	6
H. Assistant Director Plant and Grounds (Refer to Part II, Section V)			
I. Exec. Secretary Alumni Affairs			
1. Office	1	2	2
2. Secretary (1)	1	1	1
3. Visitors' Lounge	1	4	4
4. Coat Room and Toilet	1	2	2
J. Central Use Facilities			
1. Conference Rooms (Subdividable)	2	6	12
2. Duplicating and Storage	1	8	8
3. Toilet and Lounge Areas			
a. Men	1	4	4
b. Women	1	6	6
4. Lobby Reception (Equivalent to present Strong Hospital lobby)			22
II. Dean of Medical School			
A. Dean's Office	1	3	3
1. Exec. Secretary	1	2	2
2. Reception and Waiting	1	3	3
3. Secretaries (2)	1	2	2
B. Associate Dean (Deputy)			
1. Office	1	2	2
2. Secretary (1)	1	1	1

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
C. Associate Dean Student Affairs			
1. Office	1	2	2
2. Secretary	1	1	1
D. Associate Dean Medical Education			
1. Office	1	2	2
2. Secretary	1	1	1
E. Administrative Asst. to Dean of M. C.			
1. Office	1	1	1
2. Secretary	1	1	1
F. Registrar for Students			
1. Office	1	2	2
2. Exec. Secretary	1	1	1
3. Central Reception and Waiting	1	4	4
4. General Offices (10)	1	8	8
5. Storage Vaults	1	3	3
6. Work Room	1	3	3
G. Central Use Facilities			
1. Conference Room	1	4	4
2. Toilet Facilities			
a. Men	1	1	1
b. Women	1	2	2
III. Dean Graduate Affairs			
A. Office	1	3	3
1. Secretary (2)	1	2	2

	<u>Number</u>	<u>Module Size</u>	<u>No. of Units</u>
B. Assistant Dean			
1. Office	1	2	2
2. Secretary	1	1	1
C. Administrative Assistant			
1. Office	1	2	2
2. Secretary (2)	1	2	2
IV. Dean Dental School			
A. Office	1	3	3
1. Secretaries (4)	2	2	4
B. Assistant Dean			
1. Office	1	2	2
2. Secretary (1)	1	1	1
V. Dean College of Nursing (Refer to Part 4, School of Nursing, Section I, Administration)			
VI. Director Teaching Hospital (Refer to Part II, Teaching Hospital, Section II, Administration)			
Total			188
Area Required -			
188 Modules @ 110 sq ft = 20,700 sq ft			

PART 2 - TEACHING HOSPITAL

I. Nursing Service.

800 acute beds, 30 clinical research beds, 40 extended care beds and 50 chronic beds in new construction.

Psychiatric beds will be increased by 20 beds, making a total of 120 beds. 76 beds will be retained in Building R and 44 beds will be added by utilizing Wings Q-2 and a new second floor connection to Wing R. Present 24-bed unit in Wing Y will be converted to other use. (Refer to Space Analysis, Part 3, for space requirements for Psychiatry.)

50 additional adult and childrens beds will be added to Wing U rehabilitation facility. (Refer to Space Analysis, Part 8, for space requirements for Rehabilitation.)

Refer to Part 12 for Motel type facilities.

	<u>Net Sq Ft</u>
800 Acute Beds	273,000
40 Extended Care Beds, 50 Chronic Beds	22,000
30 Clinical Research Beds and Lab	<u>15,000</u>
	310,000
II. Administration	24,300
III. Emergency	14,300
IV. Surgery	33,000
V. Central Supply and Pharmacy	12,000
VI. Labor and Delivery	11,000
VII. Nurseries	3,000
VIII. Clinical Laboratories	17,500
IX. Diagnostic X-ray	31,700
X. Food Service	32,000
XI. Employee Facilities (Refer to Part 11, Sec. VI)	
XII. Inhalation Therapy	1,500
XIII. Equipment Center	<u>2,500</u>
Total Net Area	492,800

Radiation Therapy, Housekeeping, Linen Service, Engineering Shops, Rehabilitation Clinics to remain and be expanded in existing facilities. Laundry to be removed from Medical Center.

I. Nursing Service

A. Beds - General Acute

The Stage I and Stage II care beds will be broken down by service as follows:

Surgery	305	beds
Medicine	255	"
Pediatrics	150	"
OB Gyn	90	"
	<hr/>	
Total	800	beds

Approximately 10% medical and surgical beds would be planned for Intensive Care (in 12 to 15 bed units). The Stage II nursing units will be planned with 24 to 30 beds. All patient rooms will be equipped with a combination toilet-soiled utility facility. Approximately one-third of the beds will be in single rooms - balance to be in two-bed rooms.

B. Nursing Center Services

1. Each radial nursing unit of 25 beds will contain the following supporting areas:

- a. Conference Room
- b. Charge Nurse Office
- c. House Officers and Student Charting Area
- d. Exam and Consultation Room
- e. Treatment Room
- f. Nurses Station containing nurses and staff charting, floor secretary, tube station, medications and clean utility
- g. Linen alcove

2. Supporting each 3 nursing units in a core area will be the following:

- a. Nurses' Lounge and Toilet
- b. Clean Dispatch
- c. Soiled Utility Return
- d. Dictating - 4 booths
- e. Nurses' Supervision Office

Net Sq Ft

- f. Nursing Education Office
- g. Conference Room
- h. Student Laboratory
- i. Housekeeping
- j. Serving Kitchen
- k. Equipment Storage
- l. Dietician Office
- m. Social Service Office
- n. Waiting Room, Lounge, Up Dining
- o. Public Toilets and Telephone
- p. Residents Office
- q. On Call, 2 2-bed Rooms
- r. Patient Tub Rooms - 2
- s. Janitor and Trash Room

Net Area for Acute Beds 273,000 sq ft

C. Clinical Research Center Beds

- 1 - 15 Bed Metabolic Unit
- 1 - 15 Bed Special Research Unit
- 30 Beds including Nursing Service

Areas as for Acute Beds	12,000
Research Labs, 2 @ 1000	2,000
Offices, 4 @ 125	500
Steno Areas, 2 @ 250	<u>500</u>
Total	15,000

These units to be planned so that the bed areas make up a part of the hospital bed floors and that the Research Area and Office space be adjacent to the Clinical Science Departments in the Medical School.

D. Ambulatory Beds, Stage III Care

Extended Care Beds	40
Chronic Beds (Long Term Nursing Care)	<u>50</u>
Total Beds	90

Refer to Part 12 for Motel Type Facilities
Total Net Sq. Ft 22,000

Net Sq Ft

E. Rehabilitation Beds

Adult and Children's Intensive Nursing
Unit - 50 Beds.

It is also contemplated that these beds
will be added in new construction to
present Rehabilitation Building U.

F. Psychiatric Beds

76 existing beds would be retained in
present Wing R and 44 beds would be added
by new construction in second floor con-
nection between Wings Q and R and
conversion of second floor Wing Q for
Psychiatric beds. This replaces 24 beds
located in Municipal Hospital. Balance
of new beds are contemplated for the
expanded teaching program.

G. Nursing Service Recapitulation

800 Beds, General Acute	273,000
30 Beds, Clinic Research Center	15,000
90 Ambulant Type Beds	22,000
50 Rehabilitation Type Beds	
<u>120 Psychiatric Beds (44 Additional)</u>	
1090 Total Beds	310,000

Net Sq Ft

II. Administration

A. Main Lobby and Waiting	2,000
1. Public Toilets, 2 @ 150	300
2. Public Telephones	150
3. Information - See Part 5 - I - B	
4. Janitor	50
5. Wheelchairs	100
B. Patient Facilities	
1. Chapel	1,200
a. Chaplin Offices, 4 @ 120	480
b. Quiet Rooms, 2 @ 150	300
c. Toilets, 2 @ 100	200
2. Patients Library	600
3. Snack Bar and Gift Shop	3,000
a. Kitchen	400
b. Storage	400
C. Visiting Doctors' Lounge	600
1. Toilet Facility - 1 @	120
- 1 @	50
D. Medical Director Suite	
1. Office and Toilet	400
a. Exec. Secretary	150
b. Secretaries	400
c. Control and Waiting	200
d. Storage	100
E. Associate Medical Director (Adjacent to Clinic)	
1. Office	300
a. Secretary	200
b. Conference Room	300

Net Sq Ft

F. Department of Health Service (Adjacent to Ambulant Patients)

- | | |
|---------------------------------|-----|
| 1. Office for Faculty, 3 @ 150 | 450 |
| a. Secretaries | 400 |
| b. Statistics and Data Analysis | 600 |
| c. Conference Room | 300 |

G. Assistant Administrators

- | | |
|---------------------|-----|
| 1. Offices, 2 @ 150 | 300 |
| a. Secretaries | 300 |

H. Administrative Assistants

- | | |
|---------------------|-----|
| 1. Offices, 3 @ 120 | 360 |
|---------------------|-----|

I. Central Use Facilities

- | | |
|------------------------------|-----|
| 1. Conference Rooms, 2 @ 400 | 800 |
| 2. Duplicating and Storage | 400 |
| 3. Toilets | |
| a. Men | 200 |
| b. Women | 300 |

J. Business Office

- | | |
|-----------------------------------|-----|
| 1. Accountant Office | 150 |
| 2. Secretary and Clerical Space | 600 |
| 3. Office for Payroll and Finance | 600 |
| 4. Machine Room | 600 |
| a. Supervisor's Office | 100 |
| b. Card Storage | 200 |
| 5. Credit Cashiers and Insurance | |
| a. Sub Waiting Room | 300 |
| b. Cashiers Counter | 200 |
| c. Interviewing Offices, 3 @ 80 | 240 |
| d. Clerical Space | 200 |

(See Part 5, Section I-G, for Clinic Cashiers Space)

Net Sq Ft

K. Social Service

(See Part 5, Section III, Outpatient Clinic,
and Part 2, Hospital Section I, Nursing Service)

L. Nursing Service

1. Director's Office	200
a. Secretary	150
2. Assistant Director's Office	150
a. Secretary	150
3. Administrative Supervisor's Office, 3 @ 120	360
4. Steno Area	400
a. Storage	100
5. Conference Room (subdividable)	300
6. In-service Training Offices, 2 @ 200	400
7. Practical Nurses Offices	200
8. Nonprofessional Training Supervisor's Office	120
a. Instructor's Office	300
9. Classrooms (40), 3 @ 600 (Subdividable for 20)	1,800
a. Exchange Visitors	
b. Nonprofessional	
Total	<hr/> 24,230

Net Sq Ft

III. Emergency Department

A. Waiting and Control	800
1. Police and Press	240
2. Public Toilets	240
3. Public Telephones	60
4. Disaster Control	100
5. Security Office	100
6. Stretcher and Wheelchair Space	120
B. Ambulatory Area	
1. Nurses Station	120
2. Doctors Waiting	120
3. Examination Rooms, 18 @ 120 (16 to 20 requested)	2,200
4. Laboratory	120
5. Chief's Office	120
6. Specimen Toilets, 2 @ 60	120
7. Linen and Storage (Linen Truck)	60
8. Janitor Closet	40
9. Staff Toilets	60
10. Utility (Adjoining Nurses Station)	120
11. Storage (For Portable Equipment)	100
C. Administration	
1. Supervisor's Office	120
2. Secretary	120
3. Sr. Staff Office	120
4. Admitting Office	120

	<u>Net Sq Ft</u>
5. Med. Differentiation Office	120
6. Consultation Office	120
7. Social Service Office	120
8. House Officers Quarters, 8 @ 120	960
9. Conference Rooms, 2 @ 150	500
10. Isolation, 2 @ 120	240
a. Interview (2 per Isolation Room, 4 @ 40)	160
D. Acute Emergency	
1. Emergency O. R., 2 @ 300	600
a. Subutility and Scrub	240
2. Examination Rooms, 8 @ 120	960
3. Plaster Room (Splints and Sink)	300
4. Utility and Housekeeping	240
5. Procedure Room	240
6. Nurses Station	120
7. Linen and Storage (Linen Truck)	60
8. Janitor Closet	40
9. Poison Room	120
10. Portable X-ray and Dark Room	120
11. Quiet Room (For Deceased Persons Relatives)	120
12. Acute Respiration Room	200
E. Observation and Short Term	
1. Nurses Station	120
2. Two-bed Rooms, 5 @ 180	900
3. Four-bed Rooms, 4 @ 320	1,280
4. Linen Truck	60

	<u>Net Sq Ft</u>
5. Storage	120
6. Utility and Housekeeping	120
7. Doctors' Lounge	300
8. Nurses' Lounge	300
9. Patient Baths and Toilets	120
10. Janitor Closet	<u>40</u>
Area Required	14,260

IV. Surgery

A. 14 Major Operating Rooms @ 500	7,000
1. Scrub and Subutility, 7 @ 240	1,680
B. Orthopedic Operating Room	600
1. Scrub and Subutility	240
2. Splints, Equipment and Plaster	240
C. Septic Operating Room	400
1. Scrub and Subutility and Sterilizing	240
D. Special Two Atmosphere Operating Room	3,000
E. Anesthesia	
1. Case Rooms, 4 @ 300	1,200
2. Work Room	300
3. Equipment Storage	400
a. Anesthetic Gases	50
b. Oxygen and Nitrous Oxide	50
4. Pre-induction Area Cart Park (15 beds)	1,200
F. Tissue Lab and Specimen Storage	160
G. Dark Room	100
H. Control	200

	<u>Net Sq Ft</u>
I. Operating Room Nurse Supervisor's Office	150
J. Instrument Clean-up and Work Room	800
K. Sterile Storage	600
L. General Storage	400
M. Recovery Room	
1. 1-1/2 Bed/OR - 26 Beds @ 150 (Includes Nurses Station Utility and Storage)	4,000
N. Interchange Areas	
1. Doctors Lockers, Lounge and Toilets (150)	2,000
a. Dictation Cubicles, 6 @ 30	180
b. Secretary Space	200
c. Anes. On-call, 2 @ 100	200
d. Resident On-call, 2 @ 100	200
2. Nurses Locker Lounge and Toilets (120)	1,200
a. On-call Rooms, 2 @ 100	200
3. Orderlies Locker and Toilets (30)	300
O. Conference Room	400
P. Ambulant Surgery	
1. Waiting and Control	600
2. Office	150
3. Dressing Rooms and Rest, 8 @ 80	640
a. Toilets, 2 @ 30	60
b. Linen	60
4. Fracture Rooms, 2 @ 400	800
a. Plaster Splint and Work Room	200
b. Cast Change Room	250
5. Surgical Dressing and Minor Operating Room	300
6. ENT Operating Rooms, 2 @ 300	600

	<u>Net Sq Ft</u>
7. Maxillo Facial	300
8. Endoscopy	300
9. GU Endoscopy	300
10. Clean Utility	150
11. Soiled Utility	150
12. Sterile Storage	200
13. Equipment Storage	200
14. Dark Room	100
15. Janitor	<u>50</u>
Area Required	33,000

Intensive Care Unit, a part of Bed
Areas, refer to Section I.

V. Central Supply and Pharmacy

A. Central Supply

1. Cleanup	350
2. Unsterile Storage and Equipment	1,200
3. Office, Control and Secy.	250
4. Prep. Area or Pack Area	3,000
5. Sterilizing	500
6. Sterile Storage	1,200
7. Issue	400
8. Toilets and Janitor	100

B. Pharmacy

1. Manufacturing and Prepackaging (Includes small volume sterile Prep.)	1,000
2. Dispensing	1,000

	<u>Net Sq Ft</u>
3. Stock Room	1,000
4. Storage	1,000
5. Alcohol Vault and Flammable Storage	200
6. Solution Room	400
7. Issue (combine with C.S.R. if adjacent)	
8. Office and Secy. and Control (2)	300
9. Employees Toilets and Janitor	<u>100</u>
Area Required	12,000

VI. Labor and Delivery

A. Control	150
1. Admitting - 2 cubicles @ 80	160
2. Secretary Space	120
3. Office for Police	80
4. Fathers Waiting	200
a. Toilet	30
B. Pre-Labor Preparator	
1. Prep. Rooms with Shower and Toilet, 2 @ 150	300
2. Labor Rooms, 5 @ 100	500
3. Patients Toilets, 2 @ 30	60
4. Linen Alcove	40
C. Late Labor - Delivery and Postpartum Recovery	
1. Nurses Station	200
a. Doctors Charting	150
b. Medications and Clean Utility	120
c. Soiled Utility	120
d. Cleanup	120
e. Janitor's Closet	50
f. Equipment Storage	200
g. Linen Alcove	40

	<u>Net Sq Ft</u>
2. Late Labor and Postpartum Recovery, 5 Rooms @ 100	500
a. Patients Toilet, 2 @ 30	60
3. Delivery Rooms, 3 @ 300 1 @ 400	900 400
a. Observation and Monitoring	200
b. Subutility and Scrub, 2 @ 200	400
c. Stretcher Park	100
d. Janitor	50
4. Anes. Work Room and Office	300
5. Circumcision and Exchange Transfusion Room	200
D. Instrument Work Room and Sterile Storage	600
E. Residents Ready Rooms and Office	
1. Office	120
2. Sleeping Rooms, 4 @ 80	320
3. Toilets and Shower, 2 @ 60	120
F. Doctors Lounge, Lockers, Sleeping Rooms	
1. Locker, Toilet and Shower	300
2. Lounge	400
3. Sleeping Rooms, 2 @ 80	160
G. Nurses Locker-Lounge Area	
1. Locker, Toilet and Showers	300
2. Lounge	150
H. Classroom (10)	150
I. Postpartum Intensive Care Unit (Included as part of 800 Acute Beds)	

Net Sq Ft

J. Operating Rooms (Gyn.)

1. Operating Rooms, 2 @ 400	800
2. Operating Room (Cysto)	300
a. Scrub	80
b. Stretcher Alcove	100
c. Substerile	200
d. Nurses Station and Control	200
e. Soiled Utility	150
f. Anes. Work Room	100
g. Linen Alcove	40
h. Janitor	50
	<hr/>
Area Required	11,000

VII. Newborn Nurseries

A. Nurseries, 8 @ 8 Bass. ea. = 64 Bass.	2,000
1. Work Rooms, 2 @ 200	400
B. Suspect, 2 @ 4 Bass. ea.	320
1. Ante Room, 2 @ 80	160
C. Premature Nurseries (Included in Pediatric Beds)	
D. Formula Room (To be included in Dietary)	
E. Linen and Jan.	<hr/> 120
Area Required	3,000

VIII. Clinical Laboratories

(This unit to serve both in and outpatients)

A. Waiting and Control	
1. Appointment Desk	600
2. Public Toilets	200

	<u>Net Sq. Ft.</u>
B. Admin. Offices and Steno Pool	900
1. Record Storage	400
C. Lab Sections	
1. Chemistry	2,000
2. Hematology	1,000
3. Urinalysis (Includes specimen collection)	600
4. Blood Bank	2,600
5. Medical Research Labs	1,000
6. Microbiology	
a. Bacteriology	2,000
b. Serology	1,500
c. Service Area (for collection of specimens)	500
d. Media Preparation	700
e. Sterile Equip. Storage	300
D. Classroom	500
E. Conference and Library	500
F. Personnel Toilets	200
G. Janitor Closet	50
H. Glass Washing and Sterilizing	1,000
I. Tech. Lounge and Locker	450
J. Storage	<u>500</u>
Area Required	17,500

All tissue work done in Department
of Pathology

IX. Diagnostic X-Ray

A. Waiting and Control

1. Inpatient Waiting	400
2. Outpatient Waiting	400
3. Pediatric Waiting	200
4. Control	200
5. Patient Toilets, 2 @ 60	120

B. Procedure Rooms

1. Combination Radiographic and Fluor. Rooms, 8 @ 260	2,080
a. Control Booths, 8 @ 25	200
b. Toilets, 12 @ 30	360
c. Barium Kitchen	150
d. Janitor	50
2. Radiographic Rooms, 8 @ 260	2,080
a. Control Booths, 8 @ 25	200
3. Special Procedure Room	400
a. Control	100
b. Substerile and Scrub	200
4. Neuro Radiographic	300
a. Control	100
5. Patient Dressing Areas and Toilets	
a. Men	400
b. Women	400
c. Ready Rooms, 4 @ 150	600

C. Film Processing and Files

1. Dark Rooms, 2 @ 200	400
a. Chemicals	100
b. Cine Processing	50

	<u>Net Sq Ft</u>
2. Sorting Identification	300
3. Stenographers	600
4. Current Film File	600
D. Interpretation Rooms	
1. Cubicles, 30 @ 50	1,500
2. Staff Viewing	300
E. Office Areas	
1. Radiologists, 14 @ 120	1,680
2. Secretaries	600
3. Residents, 12 cubicles @ 50	600
4. Fellows, 5 @ 80	400
5. Conference Library	600
6. Staff Toilets, 2 @ 30	60
F. Teaching	
1. Classroom	600
G. Employees Facilities	
1. Locker Lounge and Toilet Space, 100 @ 10	1,000
H. Miscellaneous	
1. Janitor	50
2. Film and Chemical Storage	300
3. Nurses Work Room and Utility	150
I. Diagnostic Isotope Laboratory	
1. Patient Up-Take and Counting	200
2. Isotope Labs	600

Net Sq Ft

J. Research Area

1. Laboratories, 14 @ 400	5,600
a. Office, 14 @ 100	1,400
b. Storage, 14 @ 100	1,400
c. Cold Room	150
d. Animal Lab	400
e. Animal X-ray	300

K. X-ray Film Storage, Ten Years*(1,000,000 cases)	3,000
Area Required	31,700

*Immediately above or below active film file.
Twenty years' storage of x-ray films off
site - 6,000 sq.ft.

X. Food Service

General:

Hospital will contain dietary facilities for 1170 beds.

A main kitchen will prepare all food for patients and employees.

Bulk service will be provided to floor serving area for cafeteria service to psychiatric patients.

Similar service will be provided for ambulatory patients in a separate area.

General patients will be served from a central make-up area, tray routed to floors by dumbwaiter.

Pediatrics will be served by bulk food cart to floor where tray may be assembled as required subject to patient desire.

Equipment:

General design and selection of equipment shall be made with maximum flexibility.

Net Sq Ft

Space Requirements:

Main Kitchen, including all trash, receiving, preparation, cooking, baking tray service	11,000
Dishwashing	2,000
Refrigeration	1,800
Day Storage (Bulk storage in Central Area)	1,200
Formula	600
Offices	1,000
Lockers and Toilets	800
Cafeteria	1,600
Dining Rooms	<u>12,000</u>
Area Required	32,000

XI. Employee Facilities

Locker-lounge and toilet facilities for 1400 persons are programmed interdepartmentally. Balance are provided in Part 2, Section VI.

XII. Inhalation Therapy

(Central location near CSR medical and surgical beds)

A. Office and On-call	150
B. Laboratory	390
C. Storage	<u>960</u>
Area Required	1,500

XIII. Equipment Center

A. Office	150
B. Secretary Space	150
C. Storage	<u>2,200</u>
Area Required	2,500

PART 3 - PSYCHIATRY WING R

Bed Areas - Refer to Part 2, Section I, Nursing Service.

Clinical Department Area - Refer to Part 1, Section B.

Outpatient Clinic Areas - to remain in present location.

PART 4 - SCHOOL OF NURSING

(Based on 150 Undergraduates and 50 Graduates)

I. Administration	<u>Net Sq Ft</u>
A. Waiting and Control	300
B. Director's Office	350
1. Secretary and Files	250
2. Toilet	30
C. Director's Office of Graduate Education	300
1. Secretary and Files	200
D. Faculty Offices, 12 @ 120	1,440
E. Clinical Instructors' Offices, 21 @ 120	2,520
F. Registrar Office	300
G. Secretary Pool and Files	940
II. Lecture and Classrooms	
<u>Note:</u> It is assumed a large lecture room seating 200 will be available in school.	
A. Classrooms, 2 @ 75 ea. dividable	2,000
B. Conference, 6 @ 30 ea. dividable	2,100
III. Laboratories	
A. Nutrition (20)	400
B. Research (20)	400
C. Nursing Arts (24)	1,800
IV. Lounge and Locker Facilities	
A. Students Lounge (50)	600
B. Locker and Toilets (300 Students, Female)	3,000
C. Locker and Toilets (10 Students, Male)	160

	<u>Net Sq Ft</u>
D. Faculty Staff Lounge	400
a. Kitchenette	80
b. Toilet	30
E. Faculty Staff Locker Room and Toilets (60)	600
V. Miscellaneous	
A. Storage	600
B. Public Toilets, 2 @ 100	200
C. Uniform - Issue and Collection Room	200
D. Housekeeping	<u>300</u>
Area Required	19,500

PART 5 - OUTPATIENT CLINICS

	<u>Net Sq Ft</u>
I. Registration and Admitting - In and Outpatients	
A. Waiting Room	2,000
1. Public Toilets, 2 @ 150	300
B. Information Desk	150
1. Dispatch Transportation Desk	100
C. Outpatient Registration (Divide in cubicles for privacy)	600
1. Inquiry Correspondence and Cross Index Files	600
D. Medical Education Director (Adjacent to Inquiry Correspondence)	250
E. Pre-exam Section	
1. Subwaiting	250
2. Medical Differentiation Office (Adjacent to Waiting and Inquiry Correspondence), 2 @ 150	300
3. Financial Differentiation, 3 @ 100	300
4. Height and Weight	60
5. 70 MM X-ray	150
6. Specimen Collection	200
F. Inpatient Admitting	
1. Subwaiting	250
2. Admitting Rooms, 6 @ 100 2 @ 120	600 240
3. Secy. Space	300
4. Booking and Message Center	150

	<u>Net Sq Ft</u>
5. Social Welfare Offices, 2 @ 120	240
6. Storage Area (Refer to E - 4, 5, 6 for shared facilities)	200
G. Cashiers	300
II. Records	
A. Clerical Desk, Addressograph, Imprinting, History and Form Make-up	600
B. Central Appointment Desk	600
C. Administrative Offices	
1. Record Librarian Offices, 3 @ 120	360
2. Conference Room	300
3. Doctors Charting Room	400
4. Doctors Research Project Rooms, 10 @ 60	600
D. Record Storage (1,000,000 charts)	4,000
E. Work Room and Stenographers	500
F. Biometrics and Data Analysis	600
G. Lounge and Toilet Facilities	480
III. Social Service	
A. Director's Office	150
1. Toilet	30
B. Social Service Workers Offices, 2 @ 120	240
C. Students Office (6)	200
D. Secy. Pool (8)	650
E. Receptionist and Waiting	200
F. Dictation Cubicles or Stalls, 4 @ 25	100

	<u>Net Sq Ft</u>
G. Staff Toilets, 2 @ 50	100
H. Outpatient Interview Rooms	
1. Office each for Medicine, Surgery, Pediatrics, Obstetrics, Combined Clinic located by Clinic Areas, 5 @ 120	600
I. Inpatient Areas - Office Space (Refer to Hospital Section I, Nursing Service)	
IV. Specialties Section	
A. Waiting Room	600
1. Public Toilets, 2 @ 100	200
B. Control and Work Area (Tube station, work counter, tube files, lift from records)	200
C. Conference Room	240
D. Consultation Cubicles, 4 @ 60	240
E. Student Work Room and Lab	200
F. Nurses Station, Medications and Utilities	240
G. Examination Rooms (These units are based on a unit size to provide 120 sq ft each)	
Thirty-six (36) units arranged to accommo- date the following specialties:	4,320
Ophthalmology	
E. N. T.	
Proctology	
Urology	
H. Staff Toilets, 2 @ 30	60
I. Janitor Closet	50

Net Sq Ft

V. Physiological Diagnostic Laboratories

A. One clinic floor arranged to do
diagnostic studies and tests such
as E. C. G., B. M. R., E. E. G.
and Pulmonary Function

6,350

VI. General Sections
(Typical 3 units required)

Similar to IV above except exam rooms to be
standard and interchangeable, 3 @ 6,350

19,050

Area Required

50,000

PART 6 - ATOMIC ENERGY PROJECT

Existing facilities to be expanded
into adjacent new construction

Net Sq Ft

22,000

PART 7 - MUNICIPAL HOSPITAL WINGS X AND Y

Present space to be renovated for Medical
School clinical department use.

Available Space

66,200

It will continue to be used for hospital
bed use until replacement beds are avail-
able.

PART 8 - REHABILITATION UNIT WING U

Bed Areas - Refer to Part 2, Section I,
Nursing Service

Diagnostic and treatment facilities will
be accommodated in present facilities.

PART 9 - STUDENT HEALTH SERVICE

(Based on 6,000 Students)

Net Sq Ft

I. Clinic Facilities

A. Medical

1. Office Exam Units, 12 @ 120	1,440
2. Nurses Station and Utility	240
3. Emergency Room	240
4. Physical Therapy (Simple)	480
5. Chest X-ray	120
6. Staff Toilets	50
7. Routine Lab	120

B. Faculty and Staff

1. Office and Exam Units, 4 @ 120	480
2. Secretary	120

C. Mental Health Section

1. Director (Psychiatrist)	240
2. Offices	
a. Psychiatrist	120
b. Psychologist	120
c. Social Worker	120
d. Testing	240
e. Unassigned Offices, 3 @ 120	360

D. Patient Waiting Control

1. Control and Records	480
2. Public Toilets	200
3. Waiting Room	1,600

II. Administrative Offices

A. Director	360
B. Assistant Administrator	120

	<u>Net Sq Ft</u>
C. Safety Officer	130
D. Secretaries (2)	240
E. Conference	240
F. Library	240
III. Infirmary - Medical Care Unit	
A. Patient Area	
1. 10 Private Rooms and Toilets	1,800
2. 8 Semi-private Rooms and Toilets	2,100
B. Nurses Station	
1. Nurses and Doctors Charting	200
2. Medication	30
3. Clean Utility	120
4. Soiled Utility	120
5. Storage	200
6. Exam Rooms (2)	240
7. Conference	240
8. Kitchen	100
9. Day Room, Dining, Study and Library	600
10. Janitor	50
11. Baths (3)	<u>100</u>
Area Required	14,000

PART 10 - CLINICAL DENTISTRY

Net Sq Ft

I. This should be near the O. P. and Emergency Area, or in Student Health Service and contain the following:

- A. Faculty Office
- B. Secretary and Receptionist
- C. Hygienist
- D. Clinic of 7 chairs
- E. Operating Room
 - 1. Utility and Sterilizing
 - 2. Scrub
- F. Laboratory
- G. Dark Room
- H. Storage

Area Required

2,600

PART 11 - CENTRAL SERVICES FOR MEDICAL CENTER

	<u>Net Sq Ft</u>
I. Post Office	
A. Receiving	
1. Intramural Sorting	300
2. First Class and Parcel Post	600
B. Outgoing Processing	
1. Classifying, Sorting and Forwarding	600
a. Student Boxes (400)	
b. House Staff Boxes (300)	
c. Special Boxes (100)	
d. Graduate Boxes (300)	
e. Departmental Bins (40)	
f. Metering	
C. Sales	
1. Window and Weighing Area	300
2. Material Storage	100
D. Supervisor's Office	<u>100</u>
Area Required	2,000
II. Communication Center	
A. Switchboard (PBX)	400
1. 8 positions local	
B. Long Distance	200
1. 2 positions	
C. Information	200
1. 2 positions	
D. Page and Page Master (Physician Sign In and Out)	200
E. Operator Lounge (20) and Toilet	200

	<u>Net Sq Ft</u>
F. Office Space	360
G. Equipment Space	1,080
H. Physician Check Room	<u>360</u>
Area Required	3,000
III. Security*	
A. Office	400
1. Desks - 2	
2. Waiting Space for 8	
3. Work Table	
4. Communication Equipment	
5. Confidential Files	
B. Lost and Found, Miscellaneous	900
1. General	
2. Patient Effects, Clothing, etc.	
3. Finger Printing	
C. Locker and Equipment Space	300
1. 36 Personnel	<u> </u>
Area Required	1,600
IV. Receiving and Stores	
A. Based on 1,200 Beds @ 20' per bed	24,000

Note: 12,000 net sq ft scheduled for
Medical School Storage. Refer
to Part 1, Section C, VI.

*
This unit should be planned so that in the
event of a major disaster it could function
as the center of communications.

V. Engineering Maintenance, Shops and Grounds

This program is based on the premise that there will be provided on the University a Central Plant and Grounds Operations Unit which will include Central Receiving Stores and Major Maintenance Depot serving the entire University. This program is based on serving the Medical Center only, providing a Preventative Maintenance Program and General Maintenance of Medical Center Plant and Grounds.

A. Administration

1. Director's Office	300
a. Toilet	50
2. Assistant Office, 2 @ 150	300
3. Drafting Room and Print File	500
4. Control and Secretary Space	800
5. Toilets, 2 @ 50	100
6. Janitor	50

B. Shops

1. Electric	800
2. Refrigeration and Air Conditioning	1,000
3. Carpenter	2,500
4. Machine	1,500
5. Plumbing and Sheet Metal	3,000
6. Mason	300
7. Electronic	600
8. Paint and Drying	2,500

C. Stock Room

1. Storage	5,000
2. Clerk Office	150

	<u>Net Sq Ft</u>
3. Issue and Control	200
4. Inventory Control	250
D. Grounds	
1. Garage	2,500
2. Grounds Tool Storage	500
E. Incinerator Facility	
1. Incinerator Room	1,000
2. Can Wash	200
3. Bailing Equipment	200
4. Disposal Truck	<u>300</u>
Area Required	24,600
VI. Employees Facilities	
A. Central Lounge, Lockers and Toilets	
1. 2500 Employees @ 8' per person	20,000
VII. University of Rochester Personnel Department	
A. Administration	
1. Personnel Director	180
2. Secretary	150
3. Assistant Personnel Director	150
4. Secretary - DBL Coordinator	180
5. Conference and Orientation (30 Persons)	370
6. Reception and Waiting (Executive Type Personnel)	200
B. Employment Section	
1. Supervision	150
2. Clerical Interview Office	120
3. Manual Services Interview Office	120

	<u>Net Sq Ft</u>
4. Technical Interview Office	120
5. Terminal Interview Office	120
6. Senior Interview Office	120
7. Testing Room (Clerical, Technical and Administrative)	200
8. Interview Office	120
9. Secretary	120
10. Testing - Manual and Service Applicants	150
11. Waiting (50 Seats)	500
12. Control	100
13. Toilets, 2 @ 30	60
C. Physical Examination Section	
1. Laboratory and Office	220
2. Nurse and Clerk Office	120
3. Toilets, 2 @ 20	40
4. Exam Rooms, 3 @ 120	360
5. Waiting, 25 Seats	250
D. Wage and Salary Administrator	
1. Supervisor	150
2. Processing Room	200
3. Records, Statistics and Supply Room	400
4. Tuition Benefit Applications	120
5. Job Analysis	120
E. Insurance Benefits	
1. Supervisor	150
2. Clerical Office (Space for 5 Clerks with Files)	300

	<u>Net Sq Ft</u>
F. Employee Relation Office	
1. Supervisor	150
2. Editor's Office	120
3. General Office	120
G. General	
1. Personnel Toilets (1 for 25 Women and 1 for 7 Men)	100
2. Lounge and Coat Room	150
3. Record Storage	<u>200</u>
Area Required	6,500

Notes: Exterior - Reasonably accessible to parking facilities, also near public transportation.

Interior - Reasonably accessible to the hospital.

PART 12 - MOTEL FACILITY - 80 UNITS

	<u>Net Sq Ft</u>
I. Rooms of Two-bed Size, 80 @ 240	19,200
II. General Facilities	
Lobby	600
Registration	100
Public Toilets	200
Telephone	100
Janitor, 3 @ 50	150
Housekeeping, 3 @ 150	450
III. Food and Beverage Service	
Dining Area	600
Kitchen	300
Lounge	<u>300</u>
Area Required	22,000