

NEW LIBRARY-CLASSROOM BUILDING

Educational Facilities

A. SEATING SPACE:

It was agreed at a meeting on September 20, 1962 at the Bureau of Building Construction, that seating space would be provided for 30% of projected enrollment of 1700 which would be 510 students.

Architect's seating estimates are as follows:

General Study	150
Browsing	60
O'Connor Memorial	40
Juvenile Collection	70
Library Science	<u>50</u>
	370

There is a deficiency of 140 seats in the Library plans.

B. LANGUAGE LABORATORY:

Layout sketch has been completed for this Laboratory.

1. There are 36 stations; approximately 1500 square feet; width of room is 24 feet; and length of room is 62 feet.
2. As heat is a problem, Laboratory should be located away from sun's orbit. Windows should have Thermopane Insulating Glass and proper room-darkening blinds should be provided for projector use - but so as not to block off air into room from windows. If possible, a roof overhang would help to protect the glass area from direct sun rays.
3. All cabinets must be provided with locks to protect expensive equipment. Wall mounted master switches should be located on the console, shall be key-operated and provided with pilot lights in order for instructor to maintain proper control, supervision and prevent costly damage.
4. Each of student stations should be capped with a non-breakable plastic such as "Plexiglass" instead of glass which is hazardous.
5. Doors should be 3'0" wide; size of console should be checked for clearance of exits; and recessed coat racks should be pro-

vided in the wall outside the Language Laboratory in the corridor to provide for storage of coats and books which should not be brought inside the Laboratory.

6. A depository should be provided for the return of tapes by students after assignment as homework by instructor.

C. EDUCATIONAL T.V. and MULTI-PURPOSE ROOM:

1. The College has specifications for the Lowell State College installation which provides television facilities for the following purposes:
  - a. originate live and film television programs from the studio location.
  - b. provide remote controlled television cameras and audio equipment for classroom observation work.
2. Mr. Paul L. Miles, Communications Consultant, New England Telephone & Telegraph Co., should be consulted with regard to final specifications as the telephone company runs coaxial cable on telephone poles to receiver locations. Telephone company supplies the transmission and provides full maintenance. Charges are based upon a flat charge per month; 5.00 for wiring each outlet; 1.25/month for each outlet; and 70.00 for 2nd channel.
3. Receiver locations must be determined; number of channels must be decided; and lay-out of room sketched out after educational program details have been finalized.

D. SPEECH CLASSROOM:

1. This room should be 24' wide x 50' long to provide a speech facility suitable for projection of the voice.
2. Room should be wired for sound so that tape may be made of student's speech; student will then take tape to listening booth after recording; and playback will be listened to by student.
3. Platform should be provided at front of room large enough for individual speeches and panel discussions. Wiring should be provided in platform for upright microphone and hand microphone for panel discussions.

E. LANGUAGE LISTENING BOOTHS:

1. These booths will be used by the Speech Department for individual listening by students to records.
2. Layout of room will be prepared after further study.



F. SPEECH LABORATORY:

1. Remedial Reading facilities are to be included in this Laboratory.
2. Layout of room will be prepared after further study.

G. MUSIC LISTENING ROOM:

1. This room is to include four (4) group listening rooms designed for use by 10 students per room.
2. Shelves with knee space for five (5) students, placed on two sides of the room, are required for placement of music scores, etc. by the students.
3. A Hi-Fi set is to be placed on a platform in the front of each cubicle with cabinets for record storage under each platform. Cabinets are to be provided with locks.
4. Each cubicle must be sound-proofed.

H. TEACHING MACHINE CLASSROOM:

1. This room should be provided with a Moveable Partition so that two groups of fifteen (15) students may use the facility at the same time.
2. Cabinets with locks must be provided for the storage of programmed instruction materials and audio-visual equipment.
3. Room must have floor outlets for tape recorders and teaching machines as well as wall outlets above shelving with knee space in room.
4. Layout sketch is being prepared for this room.