



PROJECT MAC  
M.L. Dertouzos, Director  
J. Moses, Associate Director

Telephone: (617) 253- 2145

September 3, 1975

F-11  
Clark  
Schwartz

TO: Provost W. A. Rosenblith  
FROM: M. L. Dertouzos *[Signature]*  
SUBJECT: Space Requirements of MAC

1. Background: Following Polaroid's removal of the 7th floor of 545 Tech Square from the market, we explored several alternatives to cope with (i) MAC's expansion and (ii) the AI and LOGO group expansion (Professor Papert). Polaroid offered to move their 7th floor to 575 Tech Square provided that we would cover the relocation expense of \$160-\$215K. As we discussed on the phone today, we cannot proceed with this kind of expenditure. The only alternative before us is to secure 5872 gross square feet (or approximately 4,000 net square feet) currently available in the basement of our building (we have been given an approximate figure of \$5.50 per sq. ft. per year); and make some necessary changes for using this space. Accordingly, the proposed action is as follows:

2. Plan: The plan entails acquisition of the basement space (5872 gross sq. ft. or 4,000 net sq. ft.); moving some of our services (reading room, mailroom, supply room, printshop and publications) into the basement; as well as some of our research staff. The internal moves will make available a substantial portion of MAC's current space on the 3rd floor (total space is 3200 net sq. ft.) for use by Professor Papert's educational research and children's learning lab. Since our internal moves will further compress the space used by our own services, we expect to increase our net available office space to accommodate our budgeted 1976 expansion.

To use the space effectively, we need to (i) construct a staircase from our current reading room to the basement; (ii) erect partitions in the basement; (iii) air condition the basement space; (iv) update the necessary telephone, electrical and other services; and (v) erect partitions on the first and fourth floors in connection with the internal moves.

Current estimates for achieving this addition of space as follows:

1. Basement partitions	\$20,000
2. Basement air conditioning	\$15,000
3. Stairway to basement	\$15,000
4. 1st & 4th floor partitions	\$12,000
5. Electrical work, phones, painting, rigging, etc.	<u>\$10,000</u>
Total	\$72,000

3. Source of Funds: We can make available \$25,000 from our own sources (a combination of discretionary and IBM funds). We, therefore, request that the balance of \$47,000 be provided to complete the work.

4. Timing: We are currently in a rather severe space squeeze with four graduate students per office (200 sq. ft.). We have added two computers to our resources, and our faculty and students have risen to the highest levels since inception of the laboratory.

Our Messrs. George Wallace and Herb Hughes have been and are currently working with Physical Plant and the Safety Office in connection with planning this move. We request that you proceed expeditiously, in view of our current problems.

MLD:cpf

xc: F. J. Corbato  
J. Moses  
S. Papert  
P. Winston  
EXCOM  
Headquarters Staff