Dear Mr. Thorne.

Many thanks for your welcome letter, in which you ask me to suggest means of expediting our work. The most important are to order the machine tools and other equipment of the instrument shop in the near future, and to proceed at once with the design of the Astrophysical Laboratory on the Institute campus, for which we shall have all necessary data.
School of Astrophysics.

(3) Equipment for such astrophysical researches as can be undertaken to advantage in Paredes by members of the staff and graduate students.

(4) Equipment for the laboratory interpretations of astrophysical phenomena.

(5) Optical shop, for such work as can be done here to best advantage.

I have given much thought to the design of this Laboratory, and am sure we can make it a unique institution, supplementing to

* Not implicating.*
When I reach home early in October, if your Executive Committee approves, my purpose is to put this into the architect's hands as soon as our sketches are completed.

This building must serve the following purposes:

1) Headquarters for the Observatory staff in Pasadena, with full provision for the measurement and discussion of our telescopic plates and observations, offices for members of the scientific staff, and computers.

2) Headquarters for the Graduate
great advantage the Norman Bridge and Gates Laboratories of the Institute and the (Mt. W) Observatory Laboratory in Pasadena. The equipment should be of the highest class, and some of it (like the very powerful magnet needed for solar research and for physical researches bearing directly on the structure of the atom) would be of service to the physicists, chemists, mineralogists, metallurgists, and probably also the biologists of the Institute. It is of course covered by the estimate I sent with our formal request.

The enclosed progress report to the Observatory Council and the Advisory Committee may include a few points not covered in my letter to you.

Very sincerely yours, George E. Hale.