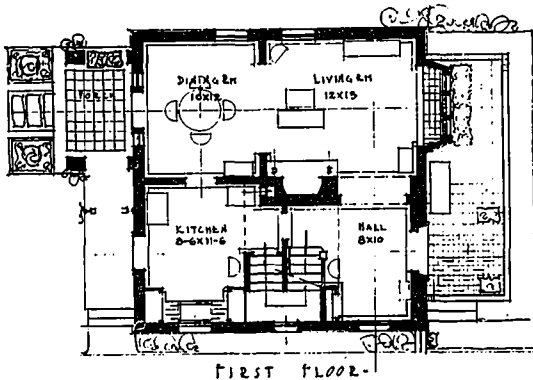
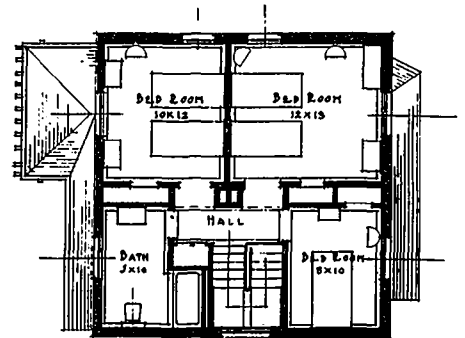


THIRD PRIZE HOUSE—By H. W. Peebles and R. W. Hazlewood, Detroit, Mich.



FIRST FLOOR-



SECOND FLOOR-

GREATEST MARBLE BUILDING IN THE WORLD

Construction work on the new \$5,000,000 Field Museum of Natural History, to be built in Chicago, is under way. The structure will be completed, it is expected, in less than three years, and more than 3,000 men will be employed in the work. When finished it will be the largest marble building in the world. It will consist of three storeys and a basement, and will cover an area of 700 feet by 350 feet. The floor area of the museum will be 670,000 square feet, of which 400,000 square feet will be devoted to exhibition purposes. The remainder will be used for scientific laboratories, lecture halls, offices, and a restaurant. The contract for the building is held by the Norcross Bros. Company, of New York and Worcester, Mass., and the material will be Georgia marble.

THE VALUE OF MICROSCOPES IN INVESTIGATING STONE

Comparative microscopic study of building stone that has stood the test of time and that which has not, is very valuable. According to a contemporary, the cause of rapid weathering can be recognized as a natural structural relation. Two granites, for instance, of almost identical mineralogical and chemical composition can behave quite differently. The one remains sound for years; the other disintegrates rapidly because delicate microscopic pressure zones run through it. Two marbles of equal beauty show entirely different powers of resistance as material for a work of art exposed to the weather, according to whether the calcite individuals in this section interlock with sinuous outlines or merely adjoin each other as paving stones.