DESIGN

FOR A

COLLEGE GYMNASIUM

BY

J. LOUIS PARR.

THESIS

FOR

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IN

ARCHITECTURE.

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Description of Design for a College Gymnasium.

This building is designed for a college having from eight-hundred to sixteen-hundred students. It is assumed that in the ordinary college, about one-third of the students will take regular work in the gymnasium, and that this number will be divided more or less equally into four or five classes. The lecture room, bath rooms, main gymnasium room, etc., are therefore made capable of accommodating about fifty persons at one time.

The tennis room and the base ball room are designed to give ample space for indoor practice in those games, and the tennis room may be used for match games if so desired. The base ball room is to have a broad aisle all around, separated from the main room by heavy wire netting. This will protect the windows and spectators from wild balls. The ends of this enclosure will have, instead of the wire netting, a large sheet of heavy canvass suspended from the ceiling, which will stop swift balls without injuring them or making much noise. The tennis room will also have a wire netting at one end to prevent the balls from going down the stairway.

The lecture room on the second floor is made with a level floor to be seated with chairs, and is intended to contain trophies and souvenirs of college games and track victories. It will also serve as an assembly room for meetings of the Athletic Association, clubs, teams, etc.

The rooms for fencing and boxing are intended only for training in those arts and are not large enough for public exhibitions, which would be held in the main gymnasium room.
The main gymnasium room is so arranged that it will accommodate all kinds of gymnastic apparatus. The running track is seven feet wide and is a twenty lap track. It is enclosed by a three foot railing and should be covered with rubber matting.

The director's rooms, including the office and the examination room, are as convenient as possible to the main stairway. The examination room has no window, but will be sufficiently lighted for its purpose by borrowed light from the office.

The natatorium is 113 x 29 feet and contains two shower baths and a swimming tank. The tank is 21 x 72 feet in area and is 10 feet deep for 20 feet of its length, and is graded from 4½ to 5½ feet throughout the remainder of its length.

The jumping court is to have a tan bark floor and is meant for all kinds of jumping and for sprinting. It might be fitted up with a bowling alley, but the jumping court is of more use to the ordinary college student than the alley.

The bath rooms are to be fitted as shown with lockers all around the walls, and with two dressing rooms for each shower. This arrangement gives reasonable privacy to the bath, and does not require so much room as would be required for individual showers. The lockers will have air tight doors opening into the bath rooms, and will be supplied with forced ventilation and steam dry pipes.

All walls of rooms on the first floor, those of the main gymnasium on the second floor, and all walls of the third floor are to be finished with pressed brick similar to the exterior.
of the building except that the bricks in the natatorium and the two bath rooms will be glazed.
All walls of other rooms will be plastered with hard patent plaster.

All construction will be fire proofed. All floors will be of oak except those of the
first story which are tile as shown on plan, and the tan bark floor of the jumping court.

The exterior of the building will be of sandstone as high as the sills of the second story
windows, and pressed brick with terra cotta trimmings above. The roof will be of green slate.

The estimated cost of the building is ninety-thousand dollars.