

DATA FOR "NEW TECHNOLOGY"

MISCELLANEOUS REPORT.

Pittsburgh Athletic Association, Pittsburgh, Pa.

Alleghney County Soldiers' Memorial, Pittsburgh, Pa.

Brooklyn Polytechnical Institute, Brooklyn, N.Y.

Polyhemous Memorial Clinic, Brooklyn, N.Y.

O.W. Stewart

Aug. 1912.

See other side.

## PITTSBURGH ATHLETIC ASSOCIATION

3602

## SWIMMING POOL ON 3rd FLOOR

Swimming pool 75 x 25.

White tile lining. Walls of tile alternately white and light blue green, making a very pleasing interior.

Tank has two overflow troughs completely encircling it at different levels. Tank is filled to upper level with a maximum depth of 8'-3" for men. Tank is filled only to lower level for ladies and children. Difference in level is 2'-3".

Bottom of tank slopes downward from each end to a line of maximum depth in front of the springing board.

Balcony well situated for spectators. No supporting columns below to interfere. Bottom 10 1/2" high, of light green tile. Good.

Ceiling light blue, blue tile.

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36 01  
VIEW OF PITTSBURGH ATHLETIC ASSOCIATION BLDG.  
Gymnasium on two upper floors at rear.  
Swimming tank on 3rd floor rear.



36 02  
SWIMMING POOL ON 3rd FLOOR



3603

## GYMNASIUM

Gymnasium is 90' x 45'.

Designed to allow maximum possible diversity of exercises to be carried on simultaneously. Note the two balconies.

Wall apparatus mostly installed on the 1st balcony. Bottom of balcony 10 1/2' above floor.

Exercising track on 2nd balcony.

Other apparatus may be swung to the ceiling, and when lowered to the floor is fastened with floor sockets.

Hand ball courts are formed by opening out of blind doors at sides of gym. Each court 13 1/2' x 8 1/2'. Doors 5 1/2' high.

Theatre stage at one end for amateur theatricals.

SOLDIERS' MEMORIAL OF ALLEGHNEY COUNTY  
PITTSBURGH, PA.

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3605  
GRAND HALL

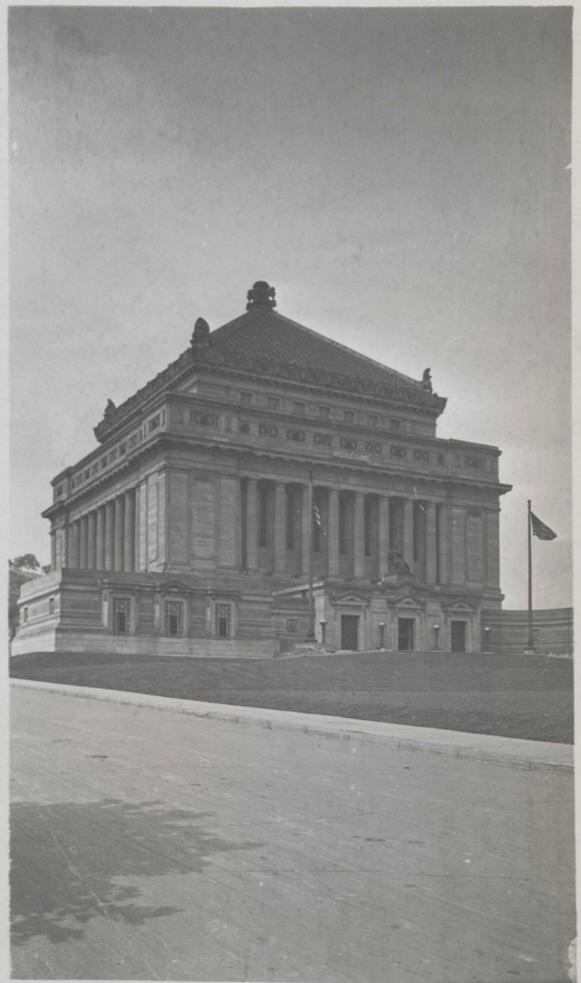
3605

GRAND HALL

Seats on floor 1830, on  
balcony 840, total 2670.

Seats 20" on centers, 32"  
back to back.

5 Aisles, 38" wide on  
floor.



3604  
SOLDIERS' MEMORIAL OF ALLEGHNEY  
COUNTY, PITTSBURGH, PA.

Cost \$1,000,000.

DATA FOR "NEW TECHNOLOGIES"  
COLLECTED BY O. W. STEWART  
UNDER SUPERVISION OF  
JOHN R. FREEMAN



3606  
VIEW OF BROOKLYN POLYTECHNIC  
INSTITUTE, BROOKLYN, N.Y.

Erected 1890.

Not an example of a modern  
school building.

Mill construction.



3607  
CHEMICAL LAB. TABLE  
37" high, 49" wide over all, 18"  
clear in front, about 50 linear inches  
per student.  
White glazed tile tops, 6"x3" tile,  
set in 1/16" white lead, on old wooden  
tops.

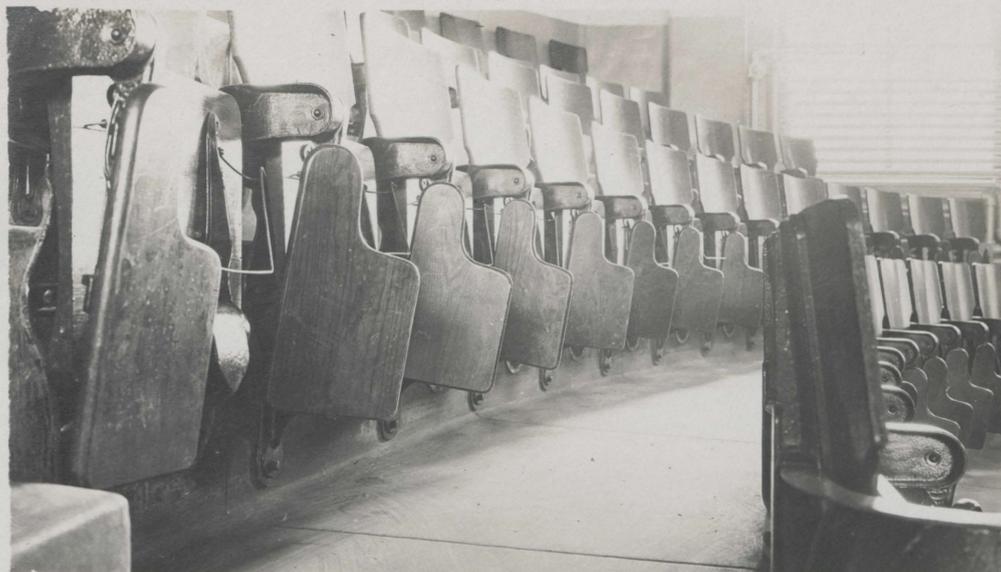
Cast iron sinks last 2 years.  
Lead waste pipes last 1 year.

Wooden tops elsewhere are un-  
serviceable after 20 years.

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POLYHEMOUS MEMORIAL CLINIC AMPHITHEATRE  
&  
BROOKLYN POLYTECHNIC INSTITUTE .

6



3609

SEATS IN POLYHEMOUS MEMORIAL CLINIC AMPHITHEATRE  
HENRY & AMITY STS., BROOKLYN, N.Y.

3609

Fixed on the risers, leaving  
the treads entirely clear for  
easy cleaning.

This type of seat placing  
has been found very satisfac-  
tory.

3608

Classroom lighting with in-  
direct system. Found satis-  
factory.

Chandelier cost \$36.00  
with 6-125 c.p. tungsten lamps.

Built of plaster of paris  
on wood frame.



3608

BROOKLYN POLYTECHNIC INSTITUTE

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AUG. 1936