

SOUTH HIGH SCHOOL
Cedar Avenue and E. 24th Street

1931

Mr. Joseph Jorgens, Principal

Originally Erected	1882
Number of Class Rooms	65
Number of Special Rooms	11
Enrollment	2412

SOUTH HIGH SCHOOL

The old section, auditorium and new gymnasium are of brick construction with quick burning wood interior, other sections are fireproof. School is crowded and instead of adding additions to present building it would be advisable to remove the old building and replace same with one of fireproof construction.

DETAILED REPORT

OCCUPANCY: Basement; fan, boiler and coal rooms, gymnasiums, showers, clay work, domestic science, ironing, kitchen and lunch rooms, lockers, botany, biology, forge, machine and electric shops and class rooms. First floor; class rooms, auditorium, stage, chorus room, woodworking, painting and woodturning. Second floor; offices class rooms, auditorium balcony, motion picture booth and library. Third floor; study room, class rooms, art, chemistry and physics.

CARE AND MAINTENANCE: Building in good repair and well maintained.

EGRESS FACILITIES: Good except from old section where the facilities are poor on account of the open wood stairways. The fact that in case of fire in the old building students could be routed through the newer fireproof sections improves conditions somewhat. Use of third floor hall for study purposes would cause unnecessary congestion. Panic bars and exit lights provided where needed.

COMMON HAZARDS: LIGHT -- Electric lights with wiring in metal conduit. Ordinary lamp cord used in several places for extension lights. HEAT -- Four high pressure brick encased boilers in fireproof basement room, non-standard communications. VENTILATION -- Metal ventilating flues are carried through roof.

SPECIAL HAZARDS: The hazards connected with the teaching of domestic science, ironing, machine shop, painting in connection with the woodworking department, art and chemistry are well safeguarded. Gas stoves and oven are used in the kitchen, installation safe. Portable paint spraying machine is used occasionally in the electric and forge shops. No refuse disposal in woodworking shop; refuse accumulating during day and swept up at night. Approved motion picture booth and machine. Stage with scenery, protected by automatic sprinklers; ventilators above stage are automatically controlled and can be operated by hand from balcony above stage floor.

EXPOSURES: None.

FIRST AID PROTECTION: Inadequate installation of fire extinguishers there being nine extinguishers in the basement and on the first floor, five on the second and four on the third floors. Two inch V.P. on stage with 75 feet of $1\frac{1}{2}$ inch hose. Stage is protected by automatic sprinklers. Electric alarm.

PUBLIC PROTECTION: Full city protection; five well supplied hydrants; five fire stations within a radius of one mile over part paved streets; fire alarm box 150 feet.

RECOMMENDATIONS

1. Replace high pressure boilers with those of low pressure type.
2. Install sufficient chemical fire extinguishers.
3. Old section should be replaced with building of fireproof construction.
4. Provide standard dust disposal from woodworking machines.
5. Discontinue use of paint spray gun and remove from the premises.
6. Discontinue the use of the third floor corridor in the old section as a study room.
7. In addition to being automatic, ventilators over stage should be controlled from stage floor.
8. Remove the gas outlet in the paint room.
9. Remove all lamp cords now in use and replace same with permanent electric wiring.
10. Remove the material now stored in the attic of the old section

MAIN BUILDING

ERECTED: 1882, 1910, 1916, 1926.
CONDITION: Good and fair to poor.
HEIGHT: One, two and three stories.
AREA: Bsmt. 71,000 sq. ft., 1st floor, 62,700 sq. ft., 2nd floor 41,000 sq. ft., and 3rd floor 39,500 sq. ft.
WALLS: 24", 20", 16" and 12" thick. Brick and hollow tile with brick facing.
FLOORS: Concrete and tile in newer sections. Ordinary wood joisted in old building.
ROOF: Ordinary wood joisted slate and composition surfaced over most of building. Over basement sections roof is concrete and tile.
CEILINGS: Lath and plaster in old building and woodworking wing, concrete in main building.
FLOOR OPENINGS: Nine open stairways bst. to 2nd and six open stairways from 2nd to 3rd floors.

ANNEX

CONDITION: Fair.
HEIGHT: Two stories.
AREA: 2,400 sq. ft. on each floor.
WALLS: Wood.
FLOORS: "
ROOF: "

SOUTH HIGH SCHOOL

MINNEAPOLIS, MINNESOTA

SCALE: 1 IN.=50 FT.

