BOILER ROOM

All mechanical equipment including boiler, heating controlls, electrical service panels and hot water storage tank are located in this room.

An incinerator for disposal of waste paper is provided. There is direct access to the exterior from the Boiler Room.

OUTSIDE EQUIPMENT STORAGE

Provided with access to corridor and direct to exterior for the storage of grounds equipment and machinery.

MISCELLANEOUS

Storage rooms for all school equipment, Custodian's room for cleaning and utility storage, Health Room with work counter and sink and Guidance Room are located near the center of the School.

CONSTRUCTION DETAILS

Concrete foundations and concrete slab on earth floor.

Exterior walls exposed brick, light weight concrete block interior backup, and 2" styrofoam insulation between.

Glued laminated beams and columns, wood decking and light weight block bearing walls.

Four-ply roofing, 1½" styrofoam insulation, 3" T & G spruce decking, metal strapping and sheetroc, and ½" accoustic tile with flame retardent finish.

General Purpose Room roof is perforated steel deck for acoustical purposes.

Corridor ceiling is suspended throughout, with removable mineral acoustic tile in Tee bar grid.

Floors 1/8" x 12" x 12" vinyl asbestos tile, and terrazzo in high maintenance areas such as corridor and washrooms.

Windows - baked enamel on steel with double glazing throughout. Feature is adjustable blinds between the inner and outer sheets of glass.

Doors - Exterior door frames and doors are steel with baked enamel finish.

HEATING AND VENTILATING SYSTEM

The prime heat source is an oil-fired water boiler. This package type boiler is sized to be of sufficient capacity to heat all anticipated expansion of the school.

The hot water circulating pipes are located in the corridor ceiling space and branch lines are taken off this main supply circuit directly to convectors and radiators in the rooms.

The temperature of the circulated hot water is automatically controlled and varies in accordance with the outdoor temperature.

The classrooms have a combined heating and ventilating unit known as a unit ventilator. Within the unit ventilator is a small fan which forces air over the hot water heating coil and out into the room for heating purposes. Some outdoor fresh air is also drawn into the unit ventilator so that the recirculated air is constantly freshened. Control of all units is by individual room thermostat located in the heating unit itself.