

C O P Y

SCHOOLS

The City of New York
BUILDING AND DEVELOPMENT ADMINISTRATION
DEPARTMENT OF BUILDINGS

Departmental Memorandum

Date: August 19, 1968

TO: Borough Superintendents

FROM: Thomas V. Burke
Director of Operations

SUBJECT: Temporary Metal Classroom Buildings, New York City
Board of Education.

The Board of Education proposed to construct temporary, one story steel frame buildings, containing eleven classrooms of less than 650 sq. ft. each, at several locations within the five boroughs of New York City.

These structures are sixty (60) feet by 180 feet and are divided into four areas by three hour partitions extending to the underside of the steel roof deck. Openings in these partitions are protected by one and one-half hour, self-closing protective assemblies. These consist of two, three foot wide doors located at about the center of each of the four enclosure walls, suitably marked with exit and directional signs.

The roof is to be supported by welded steel girders, rolled rigidly connected columns and steel purlins designed in accordance with code requirements, except that purlins need be only 1/8" thick and columns, beams and framing members need only be 3/16" thick.

The roof has a slope of one inch to the foot and need only be designed for a live load of thirty pounds/sq.ft. The roof deck and wall panels will be galvanized steel sheet braced with girts, sills and eave struts, which shall not be required to have an approval from the Board of Standards and Appeals. Design of these elements shall be in accordance with the AISI Specification for the Design of Light Gage Cold-Formed Steel Structural Members.

Heat is supplied to these structures by means of gas-fired hot-air heaters located in the ceiling. Such furnaces shall be vented directly through the roof with a ventilating damper.

New Building Applications filed in your office are to be examined in accordance with the above discussion and other applicable provisions of the law and approvals granted in an expeditious manner.

/s/ Thomas V. Burke
Thomas V. Burke
Director of Operations

TVB:CFD:mc