EXHIBIT "A"

THE CITY OF NEW YORK

BOARD OF HIGHER EDUCATION

BROOKLYN COLLEGE

383 Pearl Street

Borough of Brooklyn

MARK EISNER, CHAIRMAN

CHARLES P. BARRY, SECRETARY

1936

OUTLINE SPECIFICATIONS

for the

MATERIALS AND LABOR REQUIRED FOR THE

ERECITION OF

GENERATING PLANT

for

BROOKLYN COLLEGE OF THE CITY OF NEW YORK

To be erected on the site bounded by Ocean and Nostrand Avenue, between Avenue "G" and the property of Long Island Railroad Co., Flatbush Section Borough of Brooklyn, New York, New York

RANDOLPH EVANS

ARCHITECT

CORBETT, HARRISON & MACMURRAY

ASSOCIATED ARCHITECTS

140 Nassau Street, New York City
GENERAL DESCRIPTION

GENERAL CONSTRUCTION WORK:

In general the basement walls, floors and foundations to be of reinforced concrete integrally waterproofed. The exterior walls are to be of face brick with terra cotta backing, curtain wall construction. The exposed interior surfaces of walls are to be of glazed structural terra cotta. The cornices, sills and other trim to be of limestone. Entrance steps to be of granite. The building to be framed with structural steel to receive slate roofing. Window frames and sash to be of steel, glazed with double thick "A" quality glass. Floors to be of finished cement. Doors to be of wood and Kalamein. Hardware to be complete and of high grade quality.

PLUMBING WORK:

In general the plumbing will consist of the following:

A complete system of gravity drainage to public sewers for all fixtures, floor drainage to public sewers for all fixtures, floor drains, roof, etc.

A complete system of hot and cold water supply, including drinking water system.

The above will consist of all necessary piping, fittings, fixtures, etc., and their connections.

GENERATORS AND HEATING:

In general the equipment will consist of two (2) - 500 K. W. Diesel Engine driven Generators, one (1) - 250 K. W. Diesel Engine driven Generator and one (1) 500 K.W. Steam Engine driven Generator with all required piping connected to the present Heating Plant, foundations, etc.
The Diesel Engines will be of the slow speed type (around 300 RPM) assuring long life and satisfactory operation. Each engine will be equipped with a waste heat boiler so as to reduce heat losses to a minimum.

The steam engine will preferably be of the Poppet valve type, operating at throttle pressure of 175 lbs. The heating will be as required and consist of industrial unit heaters.

**ELECTRIC WORK AND HIGH AND LOW TENSION DISTRIBUTION:**

In general the electric work will consist of a complete system of lighting and wiring, including all necessary fixtures, switches, motors etc., for a complete installation, and including all necessary wiring, panel board work, etc. required to distribute the current from the generators to basements of the various college buildings.

September 14th, 1936

RANDOLPH EVANS
ARCHITECT
CORBETT, HARRISON & MAC MURRAY
ASSOCIATED ARCHITECTS