

Cambridge, Massachusetts,
Office of the City Engineer.
City Hall.

August 3, 1921.

Hon. Edward W. Quinn, Mayor,
Cambridge, Mass.,

Dear Sir:-

In relation to the reports upon the condition of the drainage on Pearl St. in the vicinity of Lake St. received from the authorities of the Church of the Blessed Sacrament, I have examined the matter and find as follows.

The church building standing on the corner of Lake and Pearl Sts. drains into the main sewer in Pearl St. which at this point is an old sewer sixteen inches wide by seventeen inches high, made of brick and stone.

This sewer runs down Pearl St. to Hamilton St. where it is enlarged in size to thirty-two inches by thirty-six inches and is carried this size or larger to cross the Parkway and discharges into Charles River.

There is also another outlet for the sewerage in Pearl St. in Erie St. This sewer is a modern one of good size, (see accompanying plan) and runs through Erie St. to Albany St., to Pacific St., and thence through Endicott St. to Charles River.

It is also proposed, at some time when the land southeasterly of the B. & A. R.R. is developed and streets laid out, to extend the sewer in Erie St. in a southeasterly direction to the River, as is indicated by the dotted line on the plan, this giving three outlets for the sewage from the locality in question. This outlet sewer however will be an expensive sewer to build.

~~basement~~
The floor of the church is at a very low elevation, being only two and one-half feet above the ordinary level of the water in the Charles River Basin. This ~~water level~~ ^{water level}, under certain conditions of tide and rainfall, sometimes rises one or one and one-half feet higher, so that there is only from one to two and one-half feet fall from the cellar to the water in the River.

E. W. Quinn, Mayor, #2

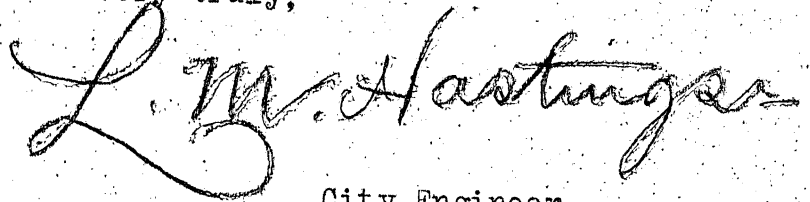
August 3, 1921.

While the fixtures in the basement are somewhat higher than this, it is apparent that the margin of safety is here very small indeed, and that even small obstructions in the city sewer or in the drain pipes connecting with it are likely to result in flooding the basement of the Church etc.

As a help to remedy this condition, I recommend the construction of a new sewer of enlarged size to take the place of the present sewer in Pearl St. from Hamilton St. to Lake St., a distance of about 480 feet as indicated by the broken red line in the plan.

I suggest that an order to this effect be presented to the City Council at an early day.

Very truly,

A large, flowing handwritten signature in dark ink, reading "L. M. Hastings". The signature is written in a cursive style with long, sweeping loops.

City Engineer.

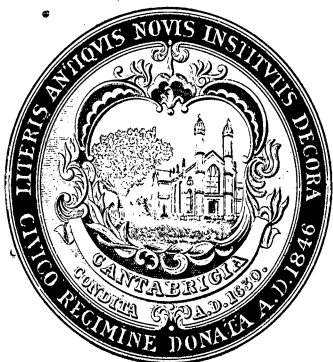
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*Office of the Mayor
Cambridge Massachusetts*

September 13th, 19 21.

To the

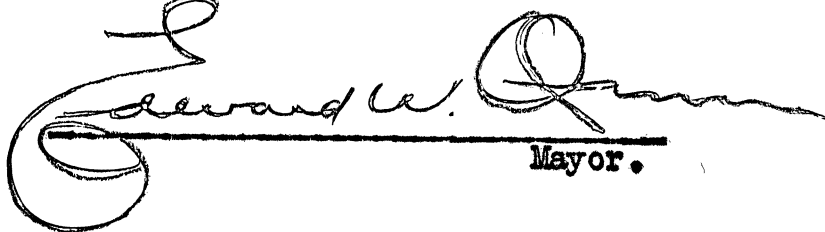
Committee on City Engineering,
Cambridge, Mass.

Gentlemen:

The City Engineer has informed me that your Committee is considering the matter of drainage on Pearl street, in the vicinity of Lake street, and the construction of a sewer in connection with this.

For your information I am transmitting herewith a communication from the City Engineer dated August 3d, together with a plan of the district.

Very truly yours,


Mayor.

COMMUNICATION *// V*
from the Mayor transmitting
one from City Eng relative
to matter of drainage on
Pearl St. near Lake St.

SEP 13 1921

In City Council

Referred to Committee
on
City Eng.

Frederick H. Burke

City Clerk.

SEP 13 1921

In City Council

order adopted providing
for sewer in Pearl St.

Frederick H. Burke

City Clerk