

File No. 9283 Continued.

OPINION.

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The majority report of the Commission shows that the situation was most fully and carefully investigated, and that the Commission, in reaching its decision, bore in mind the weights that the soil would be required to support. Their finding is not indefinite, as claimed by the Inspector of Buildings, but is distinctly set forth in the following:-

"The gravel of good quality to bear the loads to be imposed may be found in some places at as little depth as -23 feet, in other places in order to reach it under the strata of clay, it will be necessary to go as much as to -35 feet.

The Board recommends -23 feet for the northwestern corner, -23-1/2 feet for the northeastern corner and -23 for the southeastern corner and -35 feet for the middle point of the southern wall and for the machinery, and -27 feet for the chimney and -35 feet for the southwest corner of the building with a gradual variation in depths between these points.

As a measure of precaution the Board recommends that the foundations for the chimney be spread so as to give a pressure per square foot not to exceed four tons. This may be accomplished by increasing the length of each side of this foundation by one foot."

In other words, the report establishes definitely the depths to which the foundations must be carried, and finds that at those depths a sufficiently hard sustaining stratum will be found to sustain the weights that will be imposed upon it.

The report further adds that the Sewerage Commission were at liberty to place any portion of the footings of foundations that it saw fit at still lower levels should the Commission deem it advisable to do so, in order to avoid too extensive stepping, or for other reasons. In my opinion, this clause does not, in any way, detract from the positive finding of the Board; but, simply authorizes the Sewerage Commission to carry the foundations even deeper than the Board has determined to be necessary.

It follows necessarily, from what I have stated, that the controversy between the Inspector of Buildings and the Sewerage Commission,

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