File No. 9283 Continued. CORRESPONDENCE.

Not only are the tests which Mr. Preston demands on the piles irrational, but the size of piles he asks for do not grow, except in very rare instances.

On page 74 of the Building Code is a table of loads allowed per square foot on foundations of various characters. The highest load allowed is on hard rock, under caissons, of 24 tons per square foot. The proposed test load of 105-1/2 tons on the test pile will, after due allowance is made for the frictional supporting power of the soil at the sides of the pile, load the material under the point of the pile to over 100 tons per square foot, or more than four times the highest load allowed under the Building Code on any foundation. Our building only calls for a load of 3 tons per square foot.

Very truly yours,

(Signed) Calvin W. Hendrick,

Chief Engineer.

File No. 9283.

H. L. GRUBE,

BALTIMORE.

Baltimore, February 10, 1909.

Mr. Calvin W. Hendrick, C.E.,

Sewerage Commission of Balto. City.

Dear Sir:-

In pursuance with the conversation I had with you today, relative to driving piles, would say,- Some two years ago I had, the occasion, in connection with Mr. Benjamin Glenn, an old, established and experienced contractor and pile driver of this city, to drive and furnish the piles for the five story building of the Broadbent Mantel Co., corner Aliceanna and President streets, in which heavy machinery is installed, and on which site there is a tremendous smoke-stack, on this foundation.

In driving these piles, the ground was excavated about five feet, from the surface, then drove the piles a distance of 30 to 35 feet, at which point the piles were cut off and the building erected. No further