

Charles M. Robinson
President

B. A. Ruffin
Secretary & Treasurer

Charles M. Robinson, Inc.

Architects

508-12 Times-Dispatch Building

Richmond, Virginia

September 2, 1915.

Re Harrisonburg Normal School.

Mr. Julian A. Burruss,
President, State Normal School,
Harrisonburg, Virginia.

My dear Mr. Burruss:

After returning to Richmond I consulted with Mr. Claypool, of Warren Webster Company, Heating Engineers, in reference to the stack for heating our plant.

Mr. Claypool stated to me that the 24" stack on which boilers have been added is not of sufficient size to accommodate further increase of boiler capacity according to usual and good engineering practice, and if the boiler capacity was increased by adding four sections it is possible that the draft would not be sufficient to give good results. I informed him that no smoke has ever been present in the boiler room and that the draft was apparently strong, and he then said that if he was confronted with the same difficulty, in which it was impossible to increase the stack, he would take the risk and add the four sections and see how it worked.

I advise that you accept Mr. Thomas's proposal for the four extra sections of the Ideal Boiler, but that he make independent connections into each boiler and not through breeching as at present. ✓

I also advise that the six inch and the 2 1/2 inch valve be put on the lines as suggested by Mr. Thomas's steam man. These valves may save our boilers in case of a breakdown. ✓

I would suggest that you make this letter a matter of record so that the Board may understand that we know that either our stack or our boilers must be overtaxed.

I also advise that the exhauster be sent away to be fixed at once. ✓

In making this recommendation I am aware that on account of the deficient stack you may not be able to get any more boiler power than if you did not add the sections, but as we do not intend to throw these boilers away, even in the central heating plant, there is nothing lost except the labor of setting and re-setting and smoke pipes.

With kind regards, I am,

Yours very truly,

Charles M. Robinson

Thomas P. By. & H. J. Co. quote - 9/7/15 - Burruss
*Adding 4 sects to Boiler \$5990
2 1/2" valve \$460 + installation
6" " " \$1450 + "*