

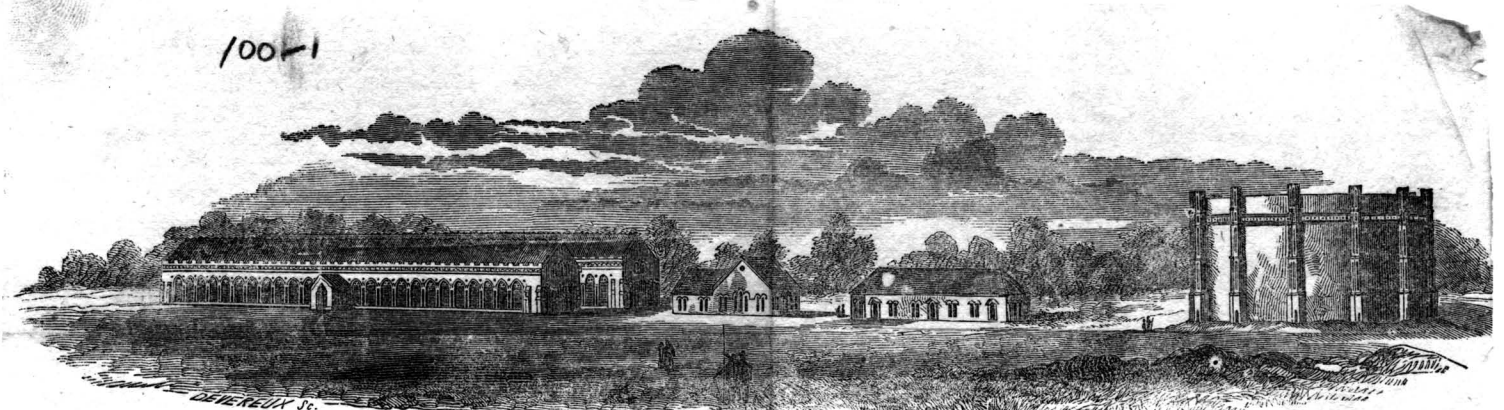


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Frederic Graff Jr. Scrapbook, 1854-1857**

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100-1



Retort Houses.  
250 feet long, 56 feet wide, 60 feet high.

PHILADELPHIA GAS WORKS.  
J. C. CRESSON, ENGINEER.

Telescope Gasholder.  
160 feet diameter, 95 feet high.

Philadelphia Gas Works,  
1st January, 1854.

The undersigned having received many applications requesting his professional advice and aid in the construction and management of Gas Works, has been induced to make such arrangements as will enable him to furnish parties intending the erection of works, all Plans, Working Drawings, and Estimates for Gas-making Apparatus and Buildings, on any scale of magnitude that may be desired. His experience in the management of the Philadelphia Gas Works for more than seventeen years, in which time he has manufactured nearly seventeen hundred million cubic feet of Gas, and extended the works from a daily make of ten thousand feet to a capacity for storing and distributing more than two hundred times that quantity, has afforded him a practical acquaintance with every detail of the business enjoyed by few, if any, Engineers in America.

Having also in the last few years furnished Estimates and Drawings and supervised the location and construction of several works in small towns, which have been erected at the lowest cost to the proprietors for which any works of equal capacity have ever been built in the United States, he believes that equally satisfactory results may be anticipated for all similar enterprises that may be intrusted to him in future.

Orders will receive punctual attention for procuring on commission, Gasholders, Meters, Governors, Pressure Registers, Castings of Brass or Iron, Street Mains, Service Tubing, Fire Brick and Tiles, and all other Materials or Apparatus needed for the construction of Gas Works of every description in the most complete and efficient manner. Likewise, Blank Forms and Books, properly ruled and headed, for every department of making, purifying, storing, and distributing Gas, or for keeping Registry of Meters, and of Bills and Accounts, furnished to order. To facilitate the proper despatch of this business, the undersigned has secured the aid of three Assistants, well trained in its several departments, to whom, as well as himself, communications relative to it may be addressed.

John C. Cresson,  
Engineer and Superintendent P. G. W.

Dr. Chas. M. Cresson,  
D. H. Gratz,  
Wm. E. Hitchcock. } Assistants.