

THE SPRINGFIELD WATER WORKS.—It will be remembered that at a recent meeting of the City Council, an order was passed for the construction of the Springfield Water Works. We have been favored by Mayor Sutton with an exhibit of the plans and specifications for the work, furnished by C. R. Vandercook, of Chicago, from which we condense the following statement:

It is proposed to dam the Sangamon River, and build an engine house and tower, at a point five and five-eighths miles distant from Capitol Square. The engine house will be built of brick, with slate roof. The building will be 83 feet long by 25 feet wide, and will be furnished with two of Worthington's celebrated double-action duplex pumps. The height of the tower, from its peak to the base of the foundation, will be 170 feet.

The reservoir is to be located on College Hill, in the north-east quarter of the city. It will be forty-two feet in diameter; the bottom elevated on masonry thirty-two feet above the surface of the ground. The superstructure will be of wrought iron, forty feet high, capable of containing 800,000 gallons.

A twelve inch pipe will connect the tower with the reservoir—4 5-8 miles—and one mile of twelve inch distributing main will be laid down from the reservoir into the city. Ten miles of four inch distributing pipe will be run through all parts of the city, and will be furnished with fifty fire-plugs, fifty 4 inch hydrant branches, twenty-eight stop-cocks, and all other needful fixtures.

The whole work is to be finished in about six months, at a cost which will not exceed \$125,000.

This will be, when completed, truly a great and beautiful work, and the thanks of all the present and future dwellers in our city are due to the energetic, public-spirited men who have inaugurated it; and to their wisdom and enterprise it will stand a lasting monument. It will give our beautiful city an impulse that will send her forward with increased rapidity, on the high road to prosperity and greatness.

Nor should the utilitarian aspect of this great undertaking be overlooked. Where thousands upon thousands of dollars are saved to our citizens in a single night by means of "fire-plugs;" when our people possess in their own persons, tangible evidence of the salubrious influence of a plentiful use of pure water, internally and externally; where the famished vegetation, withering and decaying under the blighting effects of continual drouth, revives and flourishes anew under this fresh water dispensation; everybody will be glad to recognize and acknowledge this great and lasting debt of gratitude to our present worthy and efficient Mayor and Common Council.

It does not need that we should speak of this subject further, at present. We are willing to wait, and let the good work speak for itself and its projectors.