

were made by Coghlan's Holyoke Steam Boiler and Iron Works, and they are located in a high and roomy apartment, where the fittings, tanks and stocks are easily accessible from every direction. The washing and beating engines are located in the southern building, occupying the first floor. There are three of each, and each has a capacity for 1,200 pounds of stock. They were made by the Holyoke Machine Co., and are further perfected by a copper lining and a patent lock valve made by the P. P. Emory Manufacturing Co., of Springfield. The twenty drainer pits, which are fine specimens of their kind, are located in the basement beneath the washers, and are fitted with the Snell patent filtering bottoms, which are regarded as the one thing indispensable for the purpose.

Having gone from the washers to the drainers and back again to the beaters, the material makes its way to the stuff chests. These are two in number, twenty-two feet in depth and thirteen feet in diameter: with one of them a Marshall refining engine is connected, for giving that fineness of finish which is its special province. The stuff-chest room is adjacent to the engine room, and is 65 by 37 feet, light and pleasant.

The machine room is an apartment of which any mill might justly be proud. It is 175 feet in length by 65 feet in width. It contains at present a single 100-inch Fourdrinier machine, manufactured by the Rice, Barton & Fales Machine and Iron Company, but there is ample floor space for the second machine of like size, which will be added in due time. This machine, which is capable of making a web of paper fully 91 inches in width, is provided with all the latest attachments, including a Marshall driving train, while the motive power for this machine comes from an Improved Greene steam engine of 75 horse power, which is located in the engine room adjoining.

There are four drying lofts, occupying two floors over the finishing room proper, with a capacity for receiving the full output of ten or a dozen tons daily of which the mill will eventually be capable. These are fitted with poles and racks of the most approved form, and when filled with paper are kept at a temperature of from 102 to 105 degrees. Two or three days and nights in this temperature prepares the paper for the subsequent processes. Adjoining the drying rooms are two apartments of similar size, usually designated as "jogging" rooms: but they are more generally spoken of as storage rooms, the company say, their machine working so nicely that very little "jogging" is required.

The finishing room is a charmingly light and attractive apartment, facing the tracks of the Boston & Maine railroad, and having generous windows upon two sides. The machinery here is of the very best grade which can be made, and with the exception of the Cranston cutters, is principally from the Holyoke Machine Co. The calenders are fine affairs, and a line of them will eventually extend along one entire side of the room. The hydraulic presses are also in this department. The paper is now completed, and ready for loading upon cars. The facilities for

shipment are admirable, as branch tracks from New England's two greatest systems, the Boston & Maine and the New York, New Haven & Hartford railroads, run to the doors of the mill, either for the receipt or the delivery of freight.

In the construction of such a perfect plant as that of "the new Riverside," it is a matter of pride to have contributed even a minor portion of the outfit, and the names of a few of those interested may be mentioned, in addition to those which have already been given. The elevators were furnished by the Holyoke Hydrant and Iron Works; the steam and water piping was done by Kennedy & Sullivan, under the personal superintendence of Thomas F. Kilbride; the rubber belts came from the establishment of Chase & Gooledge; the electrical appliances, which are arranged for lighting the entire plant, are the work of R. T. Oakes & Co.; the loft poles were made by W. Ely & Son; B. E. Fox & Co. furnish the galvanized iron ventilators; the copper water piping is by the P. P. Emory Manufacturing Co., of Springfield, and the knife grinders are from the Horner Machine Co.

The mill is now equipped throughout to supply its one machine, and all arrangements have been made for adding another machine of similar capacity at any time in the future, with the machinery constituting its complement. The foundation work for this enlargement has all been done, and no additional buildings will be required. The necessary machinery can be added at a cost not exceeding fifteen per cent. of that already invested in the plant. The date when this will be done has not been fixed, and all will depend upon the general business condition and the paper market. The machine now in operation is capable of turning out five tons a day of the high-grade papers made by the company; and both mills combined have a capacity of from ten to twelve tons daily, depending upon the class of product being manufactured.

The Riverside Paper Co. is a Massachusetts corporation, established in 1866, with the late Charles O. Chapin as its president. Julius H. Appleton, of Springfield, now its president, purchased in 1872 the interest of William Whiting and William K. Baker, then agent and treasurer respectively of the company; James W. Toole came from Dalton in 1881 to become superintendent, which position he still holds, and is one of the directors in the company; about the same time, or a little later, W. N. Caldwell, of Springfield, entered the employ of the company, in which he is at present a director and its treasurer. His capacity for the business was early manifested, and his honorable and rapid advancement was faithfully earned. Jere Horton, formerly of Westfield, and well known in the paper trade for at least a quarter century, is the western agent. The product of the company has a reputation too firmly established to need indorsement at this late day; while the business energy, sagacity, and application of the officials of the Riverside are sufficient guarantee that the honorable success of the past will be flatteringly augmented through the work of "the new mill" and its magnificent equipment. —The Paper World.

