

hopper scales having been provided for this purpose. Ten hoppers or garners of even larger capacity are placed above the scales to receive the grain from the elevators. Large cut-off slides with roller bearings enable the weighman to draw the grain from the garners into the scale hoppers, and after it is weighed it goes to the reversible transfer conveyor running the full length of the house and carrying grain in either direction desired, or it is spouted direct to one of the conveyors to the annex, or is discharged into the distributing system of the working house, consisting of 12 patent spouts, and from thence into a bin, a car or into a lake steamer. Grain may be unloaded from a car set on either track into either of the 10 receiving pits, and from there may be put in any bin in the working

house or annex without re-elevating. This shows that a complete and well arranged equipment has been provided.

All the conveyor belts are 36 in. wide, and those in the upper part of the house are provided with trippers for discharging the grain as desired. The dust from the cleaners and about the elevator floors is collected by a system of piping or sweepers, fans and dust collectors, and fed to the furnace under the boilers, where it is burned. There is a screenings conveyor and an elevator with which to handle the screenings coming from

the grain cleaning machines. A tower at the end of the elevator provides space for the power transmission to the cupola, for passenger elevator and stairway; all power transmission is made by Manila rope, except for the cleaner and receiving conveyor drives, and each and every machine, elevator or conveyor is driven by a clutch sheave or pulley, that it can be started or stopped at the will of the operator without stopping the engines.

The power house is of brick with a fire-proof tile roof supported on steel trusses, channels and tee irons. The brick stack has

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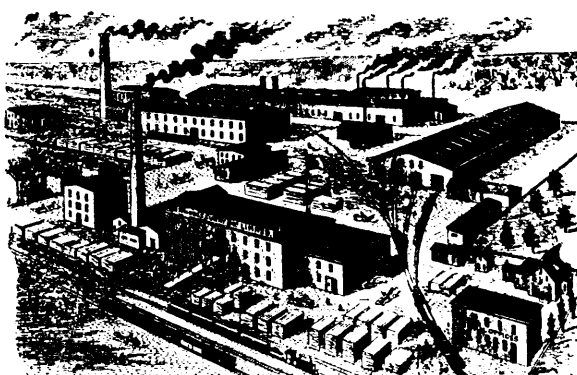
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