

April 12th 1900

Description of Work
Upon the Water Wheel at
Washhouse, as follows:

We commenced by unbolting the iron top of box and lifting the wheel out with the aid of ropes and pulley, and then detaching all the iron work and connections that was part of the whole system, leaving the shaft with the wheel at the end of it, suspended until we was ready to use it. We then proceeded to demolish the old wooden box upon which the iron work rested, and cleared all the rubbish away, to prepare a foundation of Masonry, upon which the wheel is now firmly

bolted and Clamped. The Water now comes direct to the wheel, while formerly it passed through the wooden box, thus losing a great amount of its driving power.

We then turned our attention to the Aqueduct as the most essential Matter to conduct the Water to the Wheel free from Mud, Stones, and rubbish. The Mud was cleared of the Aqueduct with a large hose passing through it, and connected with a box placed in the Stream which was kept full of Water. The Aqueduct is of Wood, three feet in diameter, grading down to one foot at the other end to a distance of eighty feet, then an iron pipe rises from the top, and continues to Washhouse. We then laid forty feet of Iron pipe through the old wooden Aqueduct, which passed

through a brick wall fifteen inches thick, built half way down the Aqueduct, and made a close screen over the end in the pond, which effectually stops all rubbish from entering and protects the wheel from any obstruction.

The Wheel was then lowered into the iron box, which was ready to receive it, closing all joints with thin rubber and white lead, and it has since worked with entire satisfaction.

Great credit is due to Brother Daniel for his management and skill in accomplishing this work, overcoming all obstacles with his superior knowledge of the subject, and with a sweetness of temper that was truly surprising, under the circumstances for it was a very disagreeable task.

Yours Resp^t.

Geo. Duncan