

LIST OF CONTRACT PLANS

OF THE

NEW PUMPING APPARATUS

FOR THE

MONTREAL WATER WORKS.

No. 1.—Plan of Foundations.....	Scale, $\frac{1}{4}$ inch to 1 foot.
2.—Side view of Foundation.....	" $\frac{1}{4}$ " "
3.—Cross Section of Turbine and Longitudinal Section of Pump	" 1 " "
4.—Cross Section of Pump.....	" 1 " "
5.—Plan of Turbine and Pumps.....	" 1 " "
6.—Mortice Spur Wheels	" 3 " "
7.—Cross Section of Bevel Wheels and Bridge.	" 3 " "
8.—Plan, Section and Elevation of Crank Shaft Pedestal	" 3 " "
9.—Plan and Section of Crank Wheel.....	" 3 " "
10.—Plan and Elevation of Foundation Plates for gearing.....	" 3 " "
11.—Plan and Section of Discharge Pipe and Air Vessels attached	" 1 $\frac{1}{2}$ " "
12.—Plan of Valve Chest.....	" 3 " "
13.—Guides, Cross Heads, Piston and Piston Rod, Connecting Rod.....	" 2 " "
14.—End view of Discharge Pipe.....	" 3 " "
15.—Drawing of 12 inch Throttle Valve	" 3 " "
16.— Do. 33 do.	" 3 " "
17.— Do. Head Gates.....	" 3 " "
18.— Do. Foot Valve	" 3 " "
19.— Do. General Cross Section of Ma- chinery, including building.....	" $\frac{1}{4}$ " "
20.—Elevation shewing ascending main	" $\frac{1}{4}$ " "
21.—Plan of ascending main.....	" $\frac{1}{4}$ " "
22.—Elevation of Inlet main.....	" $\frac{1}{4}$ " "
23.—Plan of Inlet main and waste pipe.....	" $\frac{1}{4}$ " "
24.—Drawing of foundation plate of Turbine..	" 3 " "
25.— " of Turbine Gate motion.....	" 3 " "