



NOTRE-DAME STREET, MAISONNEUVE

Taken 13th February, 1895, after the great storm of 8th and 9th February.

storm as a protection against lightning by means of a switch ; there are also two other instruments for protection in this respect.

Leaving this department we turn to the Boiler Room, which is a division of the main floor. The dimensions of the room are one hundred and seven feet by one hundred and fourteen feet.

There are fifteen Lancashire boilers of three hundred horse power each, made by Daniel Adamson & Co. of Dukinfield, England, arranged in two batteries. They have solid welded flues jointed together by Adamson's patent expansion joints, and are constructed of nine-sixteenths-inch steel plates, with eleven-sixteenths-inch end plates. Each boiler is fitted with a dead load safety valve, a six-inch steam nozzle, a combined low water alarm and safety valve, and a Government pop valve on the cover of the man hole. The gasses from each furnace pass through the flues of its boiler, then return under the boiler and go back along its sides into the main flue. From this place, at a temperature of about four hundred and fifty degrees, they pass into a Green economiser, which heats the feed water to a temperature of about two hundred and