

iron pipe—Canada Foundry Co., 3-in., \$3.52; 4-in., \$4.25; 6-in., \$6.15; 8-in., \$9.20; 10-in., \$11.50; 12-in., \$17.55. Brass and bronze casting—Dean Bros., phosphor bronze, 18 cents per pound; tobin bronze, 8 cents; brass castings, 17 cents; babbit, 12 cents. Lumber for water works—Arthur Bryce, pine lumber, a foot square, 12 and 15 feet lengths, \$16 per thousand; 20 feet lengths, \$17; 24 feet lengths, \$20. Reid & Co., hemlock timbers, 12 and 16 feet lengths, \$1.96; 20 feet lengths, \$15.06; 24 feet lengths, \$17.96. Firemen's caps—J. A. Perry, \$5.75 each. The City Engineer will report on tenders for brass fittings for water works house services, sewer pipes, lubricating oils, and stop valves.—The contract for building a chimney at the western crematory has been awarded to Teagle & Son, at the price of \$1,995.

**BUSINESS NOTES.**

Braden Bros., plumbers, Victoria, B. C., have sold out to John T. Brdaer.

Andrew Bell, C.E., of Almonte, Ont., has formed a partnership with W. J. Crawford, C.E., who had charge of the Sault Ste. Marie canal when it was being built.

The interest of W. C. Bullock in the National Iron Works, Limited, of Wingham, Ont., is said to have been purchased by local shareholders. John Galt, C.E., will continue with the company, which is being reorganized, to manufacture valves, hydrants, and waterworks supplies generally.

**WIRE NAIL PRICES.**

A despatch from New York dated Dec. 3rd stated that a further cut in the price of wire nails had been announced. Nails are now selling at the mill at \$2 a keg, which is 15 cents below the price quoted a week ago, and at least 25 cents below the price in October.

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**THE USE OF ROOFING TILE  
ABFOAD.**

In describing the manner in which roofing tiles were used in Greece and Rome, a writer in an exchange states that flat tiles with raised edges extended from rafter to rafter, the upper end having a rib which entered a groove formed on the under side of the tile placed above it. After these were laid the joints above the rafters were covered with other tiles, each formed like the half of the frustrum of a hollow cone, so that they were able to lap upon each other, their edges lying snugly to flat tiles on the roof. The end of these ridges was terminated with an ornament. Tiles, both flat and curved, were in great

demand in Roman architecture. Roofs were covered with the flat and curved tiles alternating. Tiles 2 feet square, with a foot at each angle, were used to line the cornice, so that an air space between them and the wall should prevent the absorption of water by the latter.

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