

EDMONTON CEMENT PRODUCTS, Limited

Manufacturers of Cement and Sand Blocks that take the Place of Stone and Cost Less than Brick in House Building

The application of modern invention and science to building construction has revolutionized this industry and opened avenues for endeavor that a few years ago were considered impossible. Just how much further this science will be developed in the next decade it is hard to predict, but at the rate it has been brought into play in relation to the materials that go to erect the modern building, no new departure would awaken any degree of surprise.

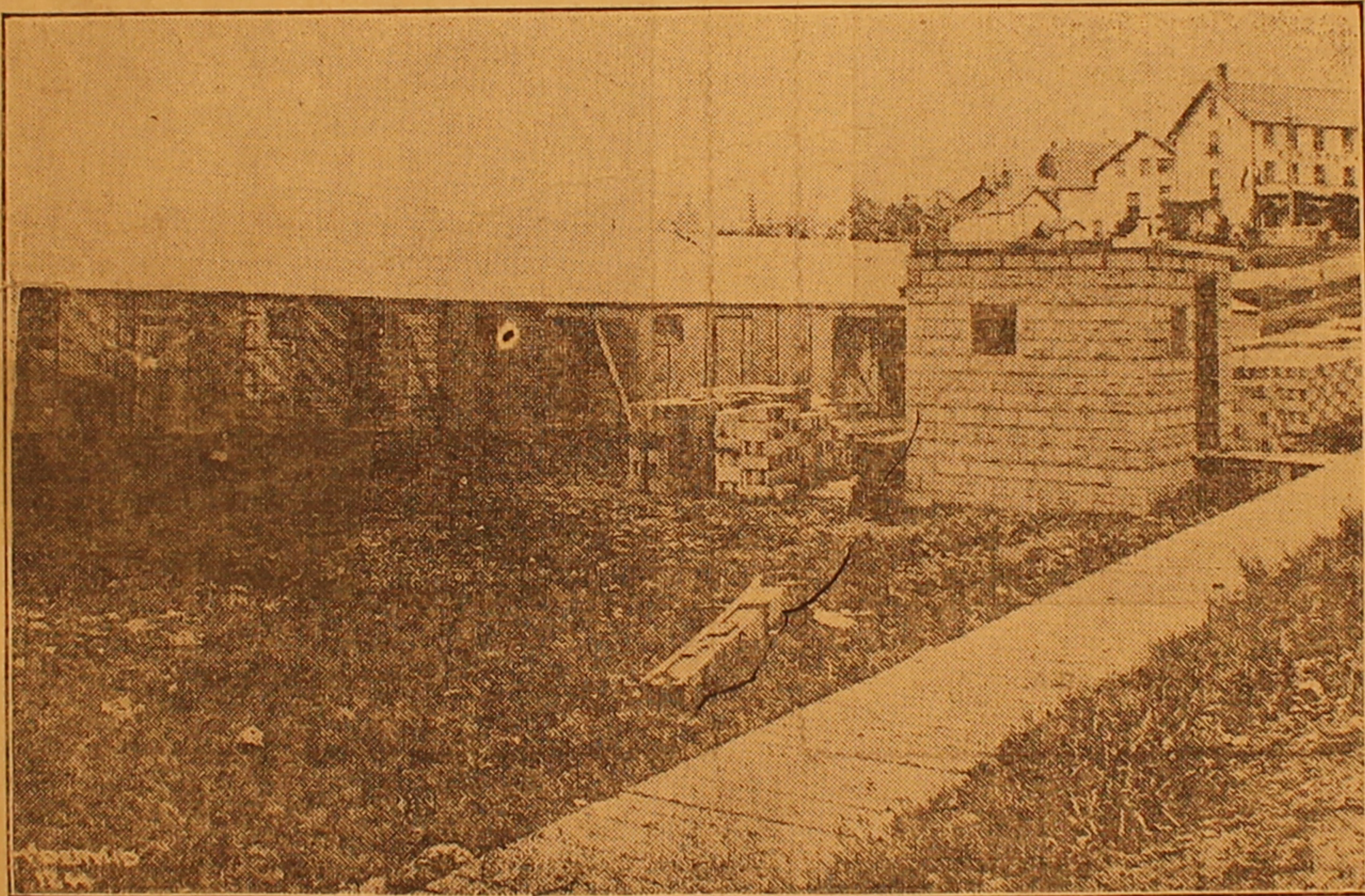
With the discovery that stone was nothing more than a cementing of certain minerals that gave it its adhesive

of excellent sandstone texture, but of adamantine composition that effects a revolution in house building, permitting of artistic effects and at the same time giving an indestructible edifice.

By mixing a certain proportion of sharp sand with cement a "batch" is made that undergoes a thorough amalgamation by machinery, sufficient water being added to make the mass adhesive. It is then moulded into blocks containing central apertures. When dried these blocks present the appearance of Indiana sandstone, and are ready for the laying. The central

has been found to be the cheapest material available for residence and barn construction on the farm. Shipments are sent out to all parts of the Edmonton district and the material is being used extensively at Tofield, as well as throughout the city where stone structures are desired.

During the summer machinery for the production of sewer pipe has been installed and the industry has grown to one of the most important in Edmonton, supplying these materials at prices heretofore prohibitive owing to the cost of manufacturing clay pipe for hauling in supplies from a dis-



WORKS OF THE EDMONTON CEMENT PRODUCTS, LIMITED.

qualities, man immediately began its reproduction in various forms. At first this was accomplished with crushed stone and cement, but in later years he has begun producing sandstone that defies any but an expert to detect from geological phenomena. This stone has the same strength, lasting qualities and properties of natural stone, and the advantage of being produced in any form desired. Its utilization secures the same results as natural stone, and at the same time lessens the cost of labor and materials in construction.

A demonstration of how quickly man solves a problem when nature has denied him something is shown in the Edmonton Cement Products, Ltd., at Carrie and McDougall streets. These works are turning out building blocks

apertures afford opportunity for erecting a wall with air space within, guaranteeing freedom from cold in the winter and heat in the summer, having the same thermal properties as a double-walled structure.

The cost saving both in material and in the labor of erection with this class of building material is far below brick or ordinary stone, and its lasting qualities in the long run make it less than lumber.

The Edmonton Cement Products, Ltd., works were established last fall and already the demand equals the capacity of the works, which occupy a building fifty by one hundred and fifty feet.

This class of building material has not only been found to revolutionize the erection of business blocks, but

tance. As the time taken to manufacture this style sewer pipe is confined simply to mixing, moulding and drying it can be turned out in any quantities in half the time ordinary clay or burned pipe can be manufactured.

The capacity of the stone block plant is now 800 per day, and additional machinery is being installed to double this capacity.

The payroll includes ten men, and with the sewer pipe works running full blast this summer will be doubled.

The wonderful economy of this system of turning out building material is shown in the materials and simplicity of manufacture. The process, of course is a trade secret so far as mixture is concerned. Sand from Leduc and Savoy are utilized.