

soda, the borax being used on account of its antiseptic properties and the carbonate of soda to help dissolve the resin. A porous tray, the bottom of which consists of two sheets of canvas with a sheet of felt between, is placed over the log, and a sheet of lead connected with the negative pole of the dynamo is placed above this. When the current is turned on, the solution is drawn from the bottom and the sap is driven out, and its place taken by the borax and resin; the time required for a 10 inch log is about seven or eight hours, and then the wood is slowly dried, which takes in the open air in summer several weeks or even months."

DATE OF PUBLICATION.

Architects, Engineers, Municipal Authorities and others are reminded that the **CONTRACT RECORD** is printed every Tuesday afternoon, and that advertisements should reach the office of publication not later than 2 o'clock p.m. on that day to ensure insertion in the issue of the current week. Advertisements are frequently received too late for insertion, to avoid which special attention is directed to this announcement.

Dussault & Lemieux, contractors, St. Louis, Que., have registered partnership.

Hamilton & Scott, plumbers and tin-smiths, have commenced business at St. Thomas, Ont.

Chas. Narbonne, contractor, Longueuil, Que., is reported to be offering to compromise at 20 cents on the dollar.

Cement curbs and gutters have given great satisfaction in Wichita, Kan., and have been so frequently commended by engineers who have seen them that a few notes concerning their construction have been obtained from Mr. O. Mulvey, the city engineer during their construction. The first were laid in 1886 and are as good now as when new, except for a few places which have been worn away by the steel calks of horses' shoes near hitching posts. There is no gravel near Wichita, so the work was done with Portland cement and coarse, sharp, quartz sand, found abundantly in the vicinity. The curbs on business streets are six inches thick and lighter on residence streets; the gutters are about eight inches thick. The outside two inches of both curbs and gutters were made of a mixture of two parts of Portland cement to three of sand, and the body of the work of a mixture of one part of cement to four of sand. These proportions were varied from time to time, but with less satisfactory results.

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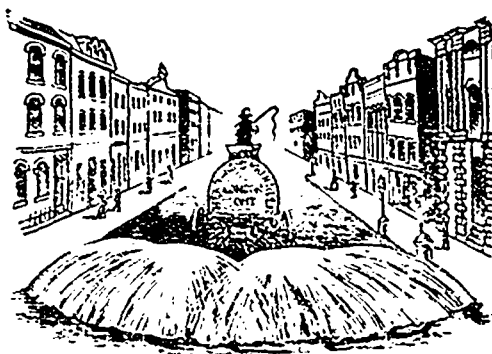
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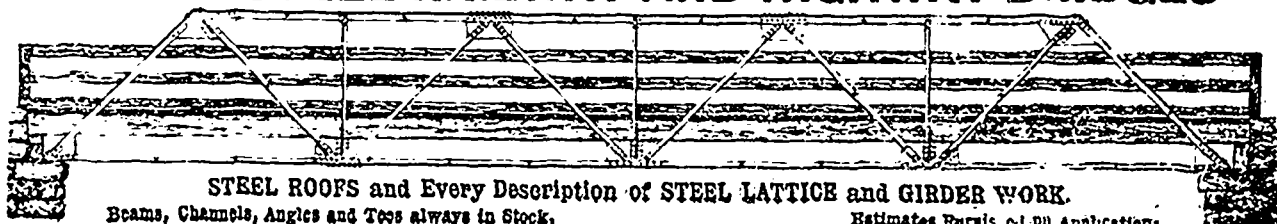
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