

WIRE BOUND WOODEN PIPE

Success has been attained in the manufacture of water pipe from wood. A few words by way of description of the method of manufacture as witnessed at

oughly kiln dried stock and are composed of three staves securely joined by a patent perfect double V joint.

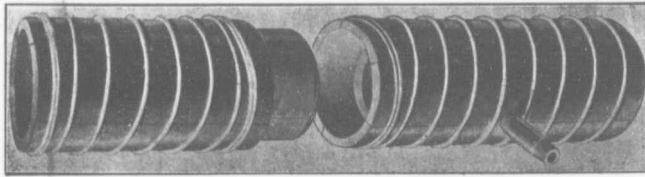
The staves are concaved and the joint formed at one operation of a ma-

inspections, viz., first, at the mill; second when received, and third after the staves are made and before being placed in the banding machine.

The accompanying sectional view shows the patent double V joint uniting the staves and forming a joint so perfect that when the segments are put together, it appears to be a cylinder with a solid shell.

The machine which bands with wire the outside of the pipe, is much like a screw cutting lathe with a tension over which the wire passes to the pipe. The wire is heavily galvanized, extra pliable steel wire ranging from 8 to 2 gauge. It is put on the pipe at a tension of from $\frac{1}{2}$ to $\frac{3}{4}$. The banding machine can be so adjusted as to space the wire any desired distance to lay solid on the pipe, the spacing being made to vary according to the specification of pressure required. All spacing is based on a factor of safety of 5.

The pipe next go to a heading machine where the ends are fitted either with tenons for inserted joint or wood sleeve coupling. From the factory they go to a tarring shed where they are rolled through a boiling mixture of tar and asphaltum, the wood taking a very heavy coating.



PIPE MANUFACTURED BY THE PACIFIC COAST PIPE COMPANY.

the factory of the Pacific Coast Pipe Company at Vancouver, B. C., will perhaps interest the reader. The pipes are made of Douglas fir, in lengths from 8 to 16 feet, and in interior diameter, from 2 to 24 inches. They are made from thor-

chine specially designed for the purpose, the knives being set for each size and each stave being a perfect segment. All imperfect material is rejected before the pipe goes to the banding machine. The material actually is made to pass three

The Old English Fertilizers Co. is seeking incorporation, with a capital of \$100,000. It is proposed to acquire certain plaster quarries at Wallace, N.S., and limestone quarries at Pugwash, N. S. W. W. Black, of Amherst is one of the promoters.

Winnipeg Prices of Building Materials

White Brick, kiln run, per M.	
on car	\$12 00
White veneer brick, per M.	
on car	14 00
Red pressed brick, per M. on car	31 00 to 32 00
Red Sand Mould Brick	21 00
Pressed Bricks (except red)	30 00 to 40 00
Hollow Brick	13 00
Vitrified Paving Brick	38 00
Brown Pressed Brick	34 00
Water Struck Brick	35 00
Rain Wash Brick	35 00
Portland Cement, in carloads	2 61
Dimension stone, per cubic ft.	30 c to 35 c
Common rubble, per cord, delivered	10 50
Select rubble, per c'd, delivered	11 50
Rough shoddy, per cubic yard	1 50
Concrete Stone, per cubic yard	1 25
Grey Lime, per bushel at quarry	22 c
Grey Lime, per bushel delivered	32 c
White Lime, per bushel at quarry	22 c
White Lime, per bushel delivered	32 c
American hard wall plaster, per ton f.o.b.	15 00
Manitoba hard wall plaster, per ton f.o.b.	15 00
Ordinary hard wall plaster, per barrel	3 25
Pitch pine hard wall plaster, per barrel	4 50
Building papers, Anchor, plain	65 c
Building papers, Cyclone and Jubilee, plain	77 1/2
Building papers, Anchor, tarred	70 c
Building papers, Cyclone and Jubilee, tarred	80 c
Building papers, Shield, tarred	65 c
Sewer Pipe, 3 in., 8 1/2 c; 4 in., 10 1/2 c; 6 in., 14 1/2 c; 8 in., 16 1/2 c; 10 in., 25 c; 12 in., 30 c; 14 in., 36 c; 16 in., 45 c; 18 in., 55 c; 20 in., \$1.00; 24 in., \$1.50	

Notice to Contractors.

The Niagara Falls Machine & Foundry Co., Limited,
Niagara Falls, Ont.,
are making a specialty of improved
HOISTING AND BUILDING ENGINES.
Write for Prices.

Please mention THE CONTRACT RECORD when corresponding with advertisers.

THE GREY AND BRUCE PORTLAND CEMENT COMPANY

of Shallow Lake, Limited.

Manufacturers of
"HERCULES" BRAND OF

"HERCULES" PORTLAND CEMENT

Very finely ground. Unsurpassed for Sidewalks, Floors and all work requiring the Highest Grade of Portland Cement. For prices address,

A. D. CREASOR, Sec'y-Treas.
Head Office, Owen Sound, Ont.

Concrete Mixers and Concrete Mixing Machinery

Send for Catalogues.

E. F. Dartnell, Agent, Montreal

CANADIAN PIPE COMPANY VANCOUVER, B.C.

Phone 1642 P.O. Box 915

LIMITED

Some reasons why Wooden Pipe is replacing Iron Water Pipe—

Because it is half the price, more
durable, easier handled, no frost
breaks, no corrosion, no contrac-
tion

