

"Well, now, I told those fellows not to put in any broken tile" was his response. "They hadn't any experience in tile-laying, but I thought they could do this little piece all right, seeing it has such good fall."

Sound tile, and reliable, experienced men to put them in, is a good motto.

Sometimes two lines of tile are laid in the same trench. This practice is not to be commended, as the water flowing in the triangular space between them is liable to wash away the soil in soft spots, causing the tile to side roll and partially or wholly block the drain.



Fig. 19. The steam ditcher, working on the farm of J. A. Lind, Beamsville, Ont.

THE STEAM DITCHER.

The discussion of methods of construction would not be complete without some reference to the traction ditching machine, which is now being introduced into Ontario. It digs the ditch full depth, true to grade, and leaves the bottom ready for the tile in passing once over the ground. They are manufactured by the Buckeye Traction Ditcher Co., Findlay, Ohio. Fig. 19 shows one of these machines in operation on the the farm of Mr. J. A. Lind, Beamsville, Lincoln County. It is owned by Mr. Walter Day, the writer's brother. The machine began operations in May, and what the people think of the style of ditch it digs may be judged from the fact that it has not once been short of work in the meantime, and that it has more jobs ahead of it now than when it began