SEWER CONSTRUCTION.

(Concluded.)

The modern sewer is looked upon as the salvation of the household, carrying away from its walls and premises all such matters as would contaminate the air, food and water of its inhabitants. The modern engineer provides at frequent intervals for proper ventilation of these pipe lines at points where the escaping gas will not contaminate the air around residences and other houses, of men. In residences and other haunts of men. In modern sewer construction, the scaling of all traps is carefully attended to, likewise the venting thereof, and provision is made for traps of suitable size and d-op outside the walls, so as to prevent any heavy gas pressures from forcing the seals, and no modern engineer would permit a st wer to enter a house without having previously trapped it outside of the walls. Observation leads me to think that these necessary requisites are frequently neglected by the trade, and that in order to save the additional expense of proper trade, and to compete with others in the trade, the procompete with others in the trade, the pro-tections to health are entirely left out of the figures and the gas permitted to enter the premises, rising in pipes to the upper floors, where the pressure is frequently so great as to force the small traps of the lavatories and other connections. One would think that with all the articles that appear in magazines relating to this subappear in magazines relating to this subject, that every plumber would be perfect-

is posted.

Returning to the subject assigned, we will dwell lightly upon some methods that are resorted to by some cities located at distances from suitable outfalls as to sew-

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age disposal. With all the experiments heretofore made, the opinion is expressed that chemical disposition of sewage is unsatisfactory. Next comes the aseptic pit wherein is sought to dispose of sewage by the process of fermentation and germ life. In many instances, in countries where the temperatures range high and the freezing point is rarely over reached. the freezing point is rarely ever reached, this method seems to meet with favor and prove satisfactory, as the fermentation

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entirely changes the sewage to limpid-clear liquid, without offensive odors. How-ever, the maintenance of these pits mere tuan overbalance the extra expense neces-sary for pipe lines long enough to read-desirable outfolls. desirable outfalls.

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