

City Surveyor's Office.

Portland, Or. January 31, 1880.

To the Hon., the Mayor &
Common Council
of the City of Portland,
Gentlemen:

As directed by Ordinance No. 2558, I have the honor to herewith submit maps, plans and specifications for a brick sewer for conveying the waters of Tanner's creek from the B street-culvert to the Willamette river, and to be the main receptacle, conduit and discharge for draining and sewerage as extensive a tract as practicable in the northern part of the city." These plans, specifications etc. are very comprehensive and complete, and, having been made from actual surveys of the ground, if found acceptable, the work of location and construction can be begun at a moment's notice. I believe the sewer as described in the plans and specifications herewith submitted will accomplish the object in view, and that the sewer, if constructed strictly in accordance therewith, will prove substantial and

of many years endurance. The bricks are required to be laid in mortar made of Portland cement and sand. Cheaper cement might be used, but the most satisfactory work can only be accomplished with the best materials. The district shown on the maps includes land which, according to this year's city assessment, aggregate in value the sum of \$1,012,000.

The sewer, with the main tributary, catchbasins, manholes & branches complete, can be constructed for \$35,000, or less; which would require an assessment of about 5½ per cent on the assessed value of the lots in the district.

All of which is respectfully submitted.

J. F. Chapman
City Surveyor.

City Surveyor 880
Report
Sewer Plan

Recd Feb. 17th 1880
R. L. Dunham
Auditor & Clerk