

ago. The city is lighted by electricity supplied from the plant of J. C. Trullinger, at the West Shore mills.

The business portion of the city (see page 515) contains a number of substantial brick structures, some of which are large and ornamental in their architecture, especially the Odd Fellows' temple, which cost \$45,000.00. Owing to the fact that the business portion rests on piling, not many brick buildings have been erected. To lay a foundation for one it is necessary to drive piles into the mud, saw off the tops even with the surface, cap them with heavy cross beams, and lay on this a solid foundation of brick. In the future, no doubt, the majority of new business houses will be of brick. The post office and custom house is a large and handsome stone building, two stories high, standing in the center of a block.

Much attention has been paid to educational matters, and the public schools are of a high order. The building seen in the engraving on page 537 was erected four years ago, at a cost of \$25,000.00. The city is divided into three districts, each of which maintains excellent graded schools. There are about four hundred children of school age in the three districts. Various religious denominations hold regular services, and the Catholic, Episcopal, Methodist, Presbyterian, Baptist and Congregational have church edifices. The private residences are neat and have tasteful yards. Many new ones are constantly being erected, the city spreading out along the hill. There are a number of large and handsome residences, notably that of Capt. Flavel (see page 537), and in this respect the city presents quite a metropolitan air.

The city is incorporated, and has a mayor, city council, treasurer, recorder, judge, attorney, and chief of police. It is the county seat of Clatsop county, and has a court house and jail. The best

volunteer fire department in the state is maintained, consisting of two steamers, hose carts, a hook and ladder truck and other appliances. This department has won prizes in all engine and hose contests for a number of years. A large number of fire hydrants, connected with the reservoir on Bear river, give a high pressure and throw a strong stream through a hose. The drainage is excellent, the grade carrying everything into the water, and the tide purifying the water front twice daily. Astoria is the outpost of American journalism. Except the papers in Alaska, the two in this city are the farthest west in the United States. The *Astorian* is the most western daily in America, and is well worthy to occupy its advanced position. It is published by J. F. Halloran, a journalist of energy and ability, and battles manfully for the interests of the city. A large weekly edition is also issued. The *Transcript* is a good weekly, published by Snyder Bros., and now in its fifth year.

Clatsop county has an area of one thousand four hundred square miles, chiefly mountainous. It has resources of fish, agriculture, timber, coal and iron, the first of which is the only one largely developed. Along the streams are quite extensive tracts of bottom land, and even on the hills, almost everywhere, the soil is excellent and well adapted to cultivation when cleared. The largest area of arable land is Clatsop plains, a strip of fine land lying along the sea shore, which has been settled and cultivated for nearly forty years. The chief crops are hay, oats and barley. Much cheese and butter are made, and the soil is well adapted to hops. Other sections are the valley lands of the Nehalem, Lewis & Clarke's, Young's, Wal-luski, and other streams. All of these are tributary to this city, as, also, are other sections farther away, in both Ore-