

# SALEM, S HOMES, PRESENT AND FUTURE, ASSET TO CITY

## Combined Sewage and Drainage System Will Be Built For This City

**DETAILED** statement describing Salem's sewer and drainage system as it will be after it is installed some two or three years hence was made last week by Percy Cupper of the local firm of Upper, Simpson and Cooper. This firm has been employed by the city to draw up plans as authorized by the voters when they voted \$60,000 in bonds a year ago last June.

It is the existence of these plans and the expectation of carrying them out that is given by city officials as their reason for failure to tend present sewer lines to a point where the sewage will be deposited deep below the surface of running water.

Instead of connecting the new main trunk sewer line with the extreme west end of present lines, the new system will involve a trunk line running north along Church street to the Willamette river at the corner of Church street, Mr. Cupper explained. The sewer line will be considerably below the level of Water street, which runs along the bank of the Willamette river. At present the city's sewer lines between Church street and the river are farther underground than in the case anywhere else in the city. This would necessitate digging an extremely deep ditch if the new line were to be built near the river's edge.

**Flow Direction Changed**

Some of the present lines which run between Church street and the river will be used in the new system, the direction of flow being changed. Others will be rebuilt in part or in whole.

One of the main principles of modern sewerage systems, Mr. Cupper states, has to do with the separate handling of ordinary storm water from street gutters and downspouts of houses, and the pure sewage that comes from houses themselves. The reason for this is the fact that sewer disposal plants are needed to purify the household sewage before it is allowed to flow into the river, while rain water can be allowed to flow directly into the stream without treatment.

It would be impossible to operate a sewage disposal plant through which a large amount of storm water flows.

**Storm Sewer Ready**

At present the Gaines street storm sewer in north Salem is ready to handle any storm water that may collect in its area during the winter. It was built this summer. The Norway and Spruce street sewers, north of Gaines, are under process of construction. Plans call for construction of the sewerage system in the south Salem just north of Fairmount Hill by means of a sewer line along Owens street. Another line along Superior street will drain the area east of Fairmount Hill.

All of these sewers will lead directly to the Willamette river at the nearest available points. Since they will carry nothing but storm waters, there will be no particular effort to see that their mouths are under the surface of the river at all seasons of the year.

The drainage question for this city presents a problem closely connected with that of sewage disposal.

**Situation Studied**

After a study of the situation all last winter, Mr. Cupper and his associates determined what they regard as the most practicable way to cope with the drainage situation. Under their plan, which will largely go into effect next winter, North Mill Creek will continue to carry the maximum flow which it has carried in past seasons. The overflow will be taken care of by the ditches running along both sides of the old Turner road, the Shelton street ditch north of this road, and Pringle Creek, which flows under 21st street near its east end and joins the combined forces of the other streams in the city atop park after flowing through Bush's pasture.

All these streams will be cleaned and straightened to increase their capacity. At the same time a low dike will probably be built along 25th street at the eastern edge of Salem. This will turn the water into the Shelton street and Turner road ditches.

**Mill Creek's Overflow**

"As the situation is under present drainage conditions," Mr. Cupper states, "high water every winter causes Mill Creek to overflow just outside the city. It overflows in a number of places, and forms a thin sheet of water. This sheet, remaining spread out, flows slowly over a considerable section of the city. The southeastern section of Salem is usually affected more than any other."

"The drainage system which we have planned would turn this sheet of water into the channels that will be dug. Then instead of flowing across the city in a sheet, it will flow in ditches and creeks. The plans which have been drawn are carried through as anticipated. Last winter will have been the last time in the city's history when Salem will be seriously inconvenienced by floor waters."

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## A Bungalow with an English Treatment



THE SUSSEX—DESIGN 5B35

**BUNGALOWS** with an English treatment are being developed as an appealing departure from the more ordinary types which in many instances have become more or less tiresome from their sameness.

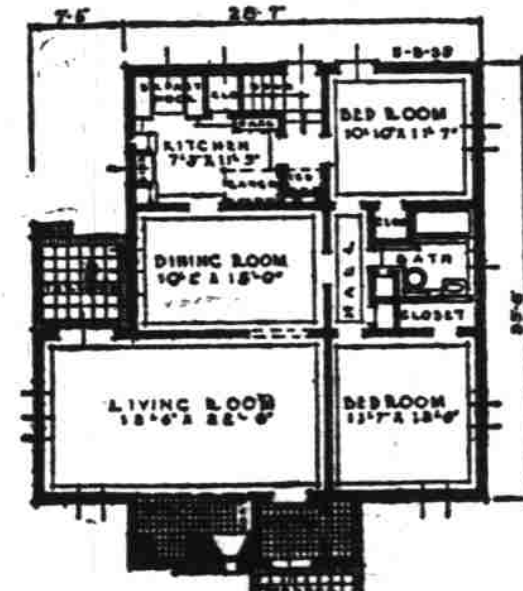
The effect is decidedly novel where the handling is efficient, as this illustration demonstrates. At first glance it appears to be an English type cottage, and it is only when one gets the full side view that its real identity is disclosed.

In this little home there is a distinct relief from the prevailing architectural lines of the bungalow popularly associated with California. While this will please in many cases, it will disappoint in just as many others, for there is an allegiance of long standing to the porch, inevitably to be found with the American bungalow, but in this type quite as impossible. Many folk find the porch indispensable. Other features of the plan, however, are especially pleasing. The living room, with its deep-set, large open grate and cheerful lighting, appeals instantly. Seldom in homes of this size are there living rooms of so ample proportions. And the dining room is quite as surprising.

Two bedrooms of good size, with a commodious bath between, are reached from the little hallway off the dining room. These may be reached either through the living room, from the front entrance, or from the side entrance through the dining room. It is a very handy arrangement. Both sleeping rooms have ample closets and windows.

The kitchen is another surprise, with its breakfast nook, offset ice box and convenient stair to the basement. The rear entry is into a little hallway, which also affords entrance to the rear bedroom. The bungalow is of common brick with random colors with a fire resistant roof. Altogether a very complete and attractive room.

The Common Brick Manufacturers' Association, Cleveland, Ohio, can furnish complete drawings for this design. Leaflet on brick construction sent upon request.



## Building Program Being Expedited at University

**UNIVERSITY OF OREGON.**—(Special).—Representing the largest summer building program in the history of the University of Oregon, new quarters for 455 students are under construction at the Eugene institution and a total of approximately \$550,000 is being spent. A new dormitory, four new fraternities, a new dormitory, and an extensive remodeling program for a fifth fraternity make up this notable building campaign.

All of the work is being rushed, and three of the houses will be ready for occupancy when the students return late in September. The new dormitory, financed through bonds issued under an enabling act passed at the last legislature, costing the people of the state nothing, is being rapidly completed, and 275 men will find homes there at the opening of school.

**Fraternity Started**

Work has just started on the Sigma Chi fraternity, being built at a choice location at Thirteenth avenue east and Alder street. Forty-five men will occupy this house, which is to be of an attractive modified English type. Hunsicker and Smith, Eugene, are the architects.

Something new in the way of architectural design for university fraternity homes is provided in the new residence of Alpha Gamma Delta, at the corner of Edge-water and Kingwood avenue. Another \$35,000 residence, directly across Sixteenth avenue from this house, is to be the new home of Delta Gamma sorority. Colonial in style, with large white pillars extending to the eaves, this residence, designed by T. M. Gerow, Eugene, is one of the most impressive of campus buildings.

**Building Attractive**

Delta Tau Delta's new house, Nineteenth avenue east and University street is of English architectural design, planned by Lawrence and Holford, Portland architects. This attractive building is constructed of brick, and embodies many new features.

Sigma Rappa, a new national sorority on the Oregon campus, will be housed in an attractive structure being remodeled under the direction of George York, Eugene architect. This is located on Alder street near Seventeenth avenue, and will be an attractive addition to the many Alder street fraternity buildings.

A number of other fraternal organizations, including Alpha Xi Delta and Delta Zeta sororities, and Theta Chi and Sigma Phi Epsilon fraternities, are shaping building plans for the near future.

## "Russ" Smith Tire Shop Bulletin

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## PUBLISHED REPORT DENIED BY MORLEY

Flat denial of published reports that there existed any agreement between himself and Thomas Clare, Salem contractor, in connection with repairs to the sidewalks of this city was made by Lane Morley in a statement issued late Saturday. In this he was corroborated by Mr. Clare.

"It is not true that Mr. Clare saw my books or had any information regarding sidewalk notices in advance of other Salem contractors," he said.

"The notices were served by me in compliance with the law," he continued. "I am equally empowered with John French to serve these notices and I did my duty."

"It is absurd to say that ten days is too short a time in which to allow property owners to repair faulty sidewalks. In most instances covered by the 29 notices served small spots were found which could be repaired at very small cost in a few minutes. These were little holes and sinks in the concrete."

"One of the notices was served upon George Putman, owner of property at 269 North Liberty street, where tree roots had broken the sidewalk badly. This was the worst place found. Mr. Putman sent Harry Crane to my place to look over the book, which is public property and open to inspection. I don't know why, as I already had served notice on Mr. Putman."

"It is true that several contractors have looked over the list but Mr. Clare is not among them. He has not been in my place since I served the notices."

Thomas Clare added the following in corroboration. "I have not seen the sidewalk repair notices referred to and know nothing about the report published. It is untrue that Mr. Morley and I had any working agreement about them."

Somebody has presented Governor Smith with a couple of alligators, as though he isn't bothered enough already with the kind that makes allegations.—Weston Leader.

For hot weather reading there is the story of the north pole explorers and their rescue by Russian ice-breakers.—Detroit Free Press.

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**Motor vehicle owners in Oregon** during July paid \$470,000 in gasoline taxes, as compared with \$433,500 paid in July, 1927, more than \$15,000 a day.

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