

GERE DISCUSSES STORM DRAINS

LAYS RECOMMENDATIONS BEFORE MEMBERS OF SANITARY COMMISSION.

Speaking at length on the storm drain system of the city, as it is and as it should be, City Engineer G. H. Gere laid his recommendations on that subject before the sanitary commissioners yesterday afternoon. W. E. Howell was also present on the invitation of the board, but stated that he could think of nothing he would like to say then, but if any recommendations occurred to him he would present them to the board in writing.

In discussing the storm drain system, Mr. Gere advocated the construction of new drains parallel with the two now existing through Kakaako and Kewalo and their extension farther mauka than the present drains reach.

The two drains now existing, known as the Kewalo and Ward street drains, were the subject of the first day's investigation made by the commission, and it so happens that the question is one of the first on which they have asked recommendations. At that time at an informal meeting on the mud flats, they discussed the ways and means of storm drainage, confining themselves almost entirely to the manner of construction. Mr. Gere spoke on the location phase of the question.

Waikiki of Nuuanu.

His remarks dealt almost entirely with the country east of Nuuanu street. He mentioned three new drains that should be built, and this general system, which would make five drains in all, he considered the primary basis for the entire system, at least in that part of the city, as the balance of construction would follow naturally.

One of the new drains he advocated should be placed, he said, between the Nuuanu stream and the nearest existing ditch to the east of it, which passes through Kakaako. On the east, or Waikiki, of the Ward street ditch, Piikoi street should be extended to the sea, instead of stopping, as it does now, a short block makai of King street. He thought that a ditch should be constructed along this street, opening at the sea and running back mauka of the Makiki district to drain the water from the valleys there. The plan of the Piikoi street extension does not gibe with the plans for the waterfront park, the advocates of the latter idea having extended or rather straightened Sheridan street to the sea instead of Piikoi, but one plan is tentative and the other is a suggestion, so that there is plenty of leeway to arbitrate and form a plan that will answer both purposes.

To Drain Makiki.

Gere's third new ditch he placed in order to drain Makiki Valley, to run from Beretania avenue to the long bridge on the Ala Moana road. These three new ditches, he thought, combined with the two now in doubtful service, would form the main arteries of the system and the construction of laterals would naturally follow.

For the district east of the Waikiki road he advocated the leading of the Manoa and Palolo streams into one channel or drain, emptying their combined waters either near the Outrigger Club or Makee Island, not having given sufficient thought as yet as to which would be the best location for the drain's mouth. This one drain, with its two tributaries from the two valleys, he considers sufficient to drain the Kaimuki district.

Considering the other side of Nuuanu avenue, he said, he had not as yet considered the questions involved there. He thought that there must be a drain to relieve the district surrounding the depot and also a ditch to drain the canefield section in Kapalama, but had not given thought to the details of their location or construction.