

## Department of Public Works.

### GROSSE ILE—QUARANTINE STATION.

#### WESTERN OR HEALTH DIVISION.

*Disinfection apparatus.*—On 6th October, 1892, a contract was entered into for a shelter building for the steam disinfection apparatus and on the 15th of the same month a contract was entered into for the construction of the steam disinfection apparatus.

The building is situated at the shore end of the west wharf and has a main portion 70 x 40 feet, containing three steel disinfection chambers each 8 ft. 6 in. by 8 ft. 6 in. by 24 ft. in length, a vacuum pump, a tank for return water, a tank for bichloride of mercury solution and a soap-stone tank, also 12 needle and shower baths. The lean-to addition 34 x 48 feet contains 3 40 h. p. boilers, a small upright boiler, a boiler-feed pump, two large pumps for the water supply of the western division, a large settling tank and a condensing and aerating apparatus for the supply of potable water.

*First class passenger's detention building.*—Contract signed on 22nd February, 1893, and work completed during the fiscal year. The centre portion is 32 x 42 feet, two stories and attic, having on the ground floor the dining-room 40 x 20 feet with pantry, bar, china closets and two staircases in the rear, and above a sitting-room of the same size with four cabins 10 ft. by 6 ft. 6 in., in the rear and in the attic over are rooms for male and females stewards. In the rear of the main portion is a one story kitchen 20 x 9 feet.

At either end of the centre building is a two story wing 55 ft. by 22 ft. containing on each floor fourteen cabins 6 x 7 feet and two bath and closet rooms, the entire length of the building being 142 feet. A verandah is carried along the entire ground floor front of the building and a sidewalk therefrom to the west wharf.

The dining-room and sitting-room have each two large open fire-places, the kitchen is provided with a range and a hot water heater for supplying hot water to baths; each cabin has a lavatory basin with a separate water supply and a waste to drain for each, two wrought iron berths as on shipboard, folding bracket table, mirror, stools, &c. Furniture has been supplied for the dining rooms, sitting-room and verandah. The building is of wood throughout.

*Intermediate Passenger's Detention Building—Sheds, water closets.*—These buildings were altered, the dormitory portions divided into 43 cabins for two, four or six beds each, each provided with water service, and furnished with stools, washstands, tables, &c. At each end is a bathhouse and closet. The dining-room is furnished with tables, chairs, &c.

*Medical Assistant's Residence.*—Contracted for 10th October, 1892, and now in a forward state. It is situated on the isthmus between the Health Division and Central Division, is of wood, two stories in height and on a stone foundation.

There is a main building 37 x 35 feet and a kitchen wing 18 x 13 feet. The ground floor contains a dining-room, a drawing-room, an office, a bed-room, entrance hall, two staircases and a kitchen; the first floor five bed-rooms, a bath-room and water closets, two closets and two staircase halls. There are fire-places in the dining and drawing-room.

A verandah 8 ft. wide is carried along the south and west sides, and one 6 ft. wide along a portion of the front.

*Water Works, Health Division.*—A water service was provided, consisting of two steam pumps in shelter building on wharf, having 5 feet suction from deep water, and 4 feet discharge to two 30,000 gallon tanks on Telegraph Hill, and mains therefrom to the various buildings of the division. An artesian well was bored to a depth of 1,450 feet, but with unsatisfactory results. A distilling and aerating apparatus with tank for distilled water, was provided and connected.

#### CENTRAL DIVISION.

New wells were sunk, one at the baker's quarters and one at the boatmen's row and the cellars of the superintendent's residence and those of the boatmen's row, were laid in cement concrete.