

DESCRIPTION OF PLATES I, II, III, IV,

PLATE I.—GROUND PLAN.

- a.* Sink in Receiving Room.
- b b.* Tables.
- c.* Slate-topped table.
- d.* Shelves.
- e.* Five table tanks, each 9 ft. 9 in. long, 2 ft. 3 in. wide, 1 ft. 9 in. deep.
- f.* Tank, 15 ft. 6 in. long, 9 ft. wide, 5 ft. deep.
- g.* Tank, 30 ft. 6 in. long, 9 ft. wide, 5 ft. deep.
- h.* Tank, 15 ft. long, 5 ft. wide, 5 ft. deep.
- j.* Six tanks, each 5 ft. long, 4 ft. wide, 4 ft. deep.
- k.* Tank, 15 ft. long, 4 ft. wide, 4 feet deep.
- l.* Two tanks, each 10 ft. long, 4 ft. wide, 4 ft. deep.
- m.* Pillars to support Dennett's arching.
- n.* Manhole into circulating reservoirs along north side.
- o.* Trench covered with grating containing hot-water pipes.
- p.* Culvert conveying salt water from circulating to main reservoirs.
- r.* Raised portion of reservoirs.

PLATE II.—FIRST FLOOR PLAN.

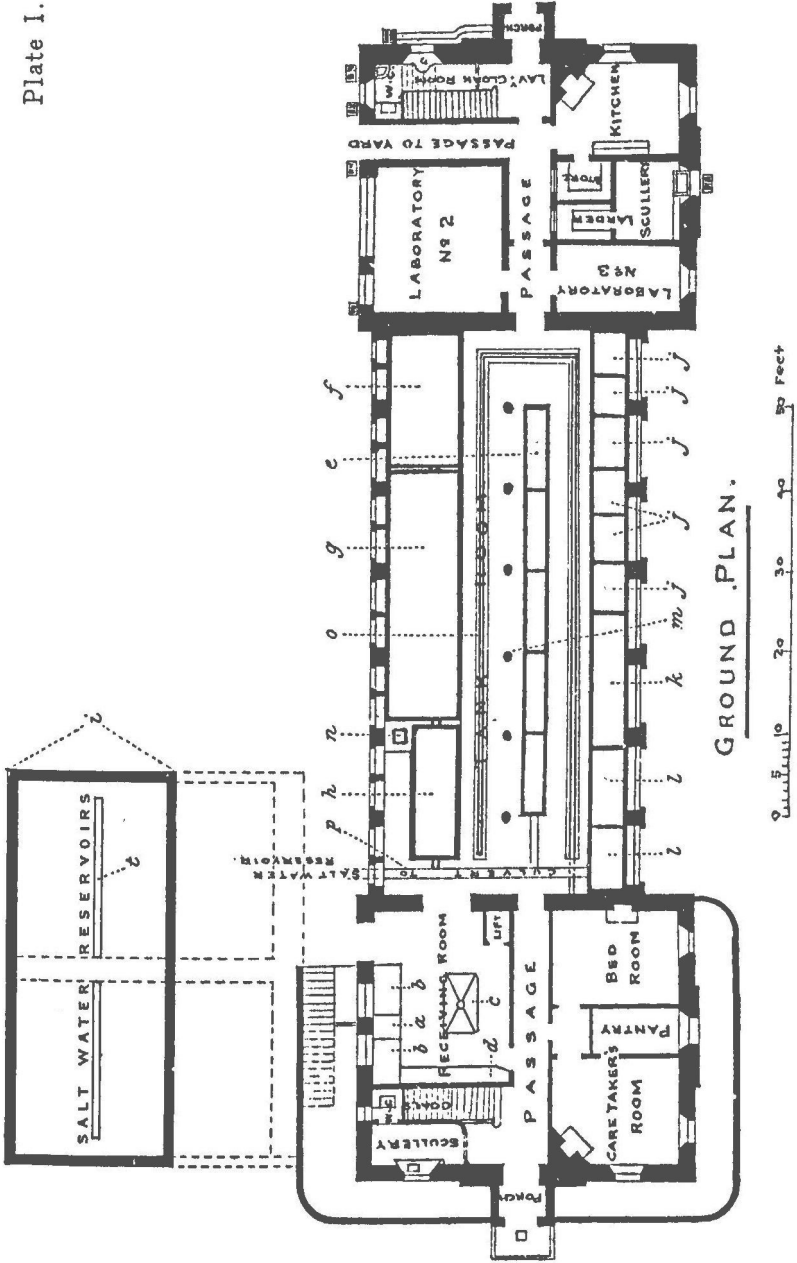
- a a.* Two sinks in Physiological Laboratory.
- b.* Cupboard with air-tight glass doors.
- c.* Sink in Chemical Laboratory.
- d.* Slate-topped table.
- e.* Bench.
- f.* Blowpipe table.
- g.* Stink cupboard.
- h.* Shelves.
- j.* Slate-topped table in main Laboratory.
- k.* Twelve tanks, each 1 ft. 6 in. deep, 2 ft. 3 in. wide, 5 ft. long.
- ll.* Two sinks.
- m.* A "compartment."
- n.* Sink.
- o.* Bench.
- p.* Shelves.
- r.* Table with drawers and cupboards.

PLATE III.—PLAN OF CELLARS AND FOUNDATIONS.

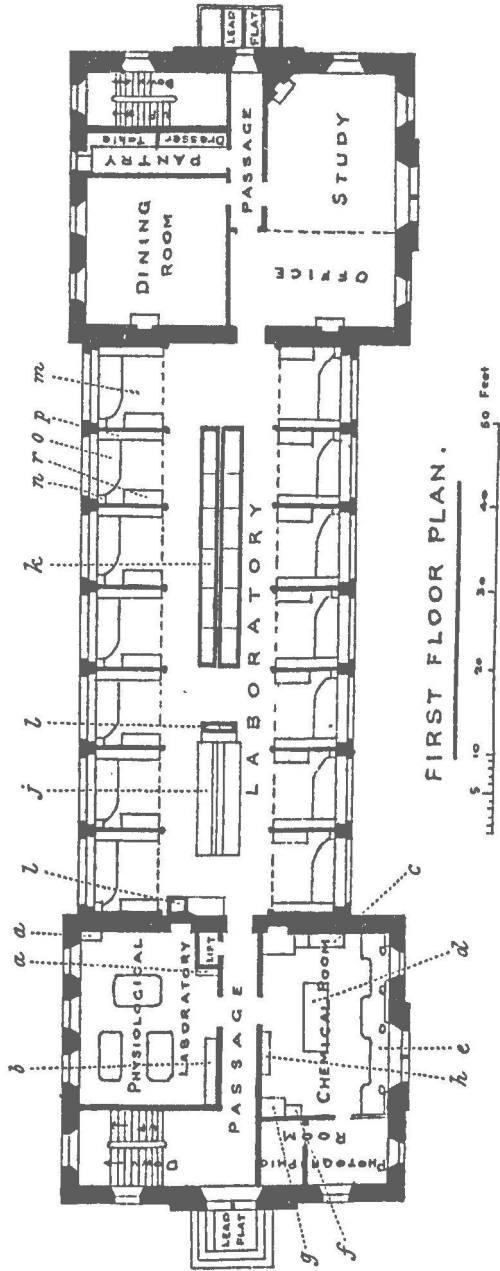
- a.* Four-horse power gas-engine.
- b.* Two-horse power gas-engine.
- c.* Compressed-air receiver.
- d.* Duplicate pumps to throw 7500 gallons an hour.
- e.* Duplicate pumps to throw 2000 gallons an hour.
- f.* Arching, in plan.
- g.* Drains.
- h.* Foundation for pillars to support Dennett's arching.

PLATE IV.—SECOND FLOOR PLAN.

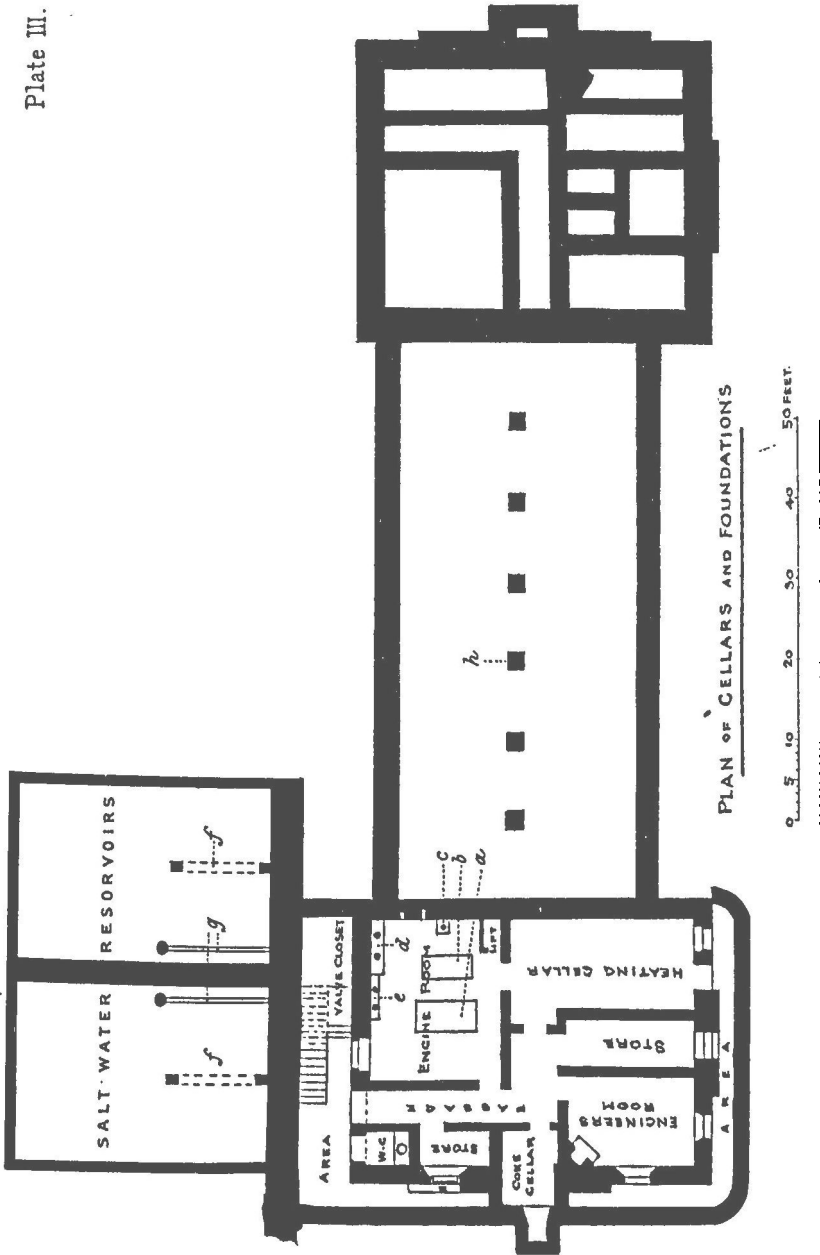
- aa.* Shelves in Library.
- b.* Washhand basins in Lavatory.
- c.* W.C.
- d.* Urinals.
- ss.* Revolving ventilators.



GROUND PLAN.



FIRST FLOOR PLAN.



PLAN OF CELLARS AND FOUNDATIONS

0 5 10 20 30 40 50 FEET.

Plate IV.

