toaster, and a "Main" hot-closet. The total consumption of gas when the hospital is fully occupied is expected to be 50,000 to 60,000 cub. ft. per month.

Oil-fuel is used for both the central heating and domestic hot-water supply. The plant for the former consists of two (one in reserve) Britannia boilers fired by "Oil-o-matic" burners, and for the latter there is a "Rapid Heater" fired by a similar but smaller unit. All the burners are automatic in action. The oil tank (which is filled outside the building) has a capacity of 1,000 gallons (four tons), being twenty-one days' supply in cold weather.

The heating of the rooms, etc., is by means of the "Panel" system designed by Messrs. G. N. Haden & Sons. The heating elements on the ground floor consist of "grids" or "panels" of high-grade steel tubing with ½-in. bore. These are fixed to the lower edges of the rafters and, being under the plaster, are invisible. For a large bedroom as much as 120 ft. of tubing is used in one panel, and for dormitories, corridors, etc., a series of panels is employed. All joints are welded, and each section is tested to 300 lb. pressure. Each panel is fed by a hidden pipe, which can be controlled by a key. The advantages of this system of heating are the absence of cumbrous radiators, of air-currents and of dust, with their deleterious effect on decorations; a higher proportion of radiant heat, with much less drying effect on the air. Owing to the small tubes in which the water must circulate, a ½ h.p. electric rotary impeller pump is connected to the return main, near the boiler. On the first floor heating is by the usual "Ideal" radiators in each room and corridor.

Each ward unit consists of a dormitory (8–11 beds), a day-room or lounge and a dining-room, six bedrooms, three observation bedrooms, two bathrooms, a clinical treatment room, a service pantry, a verandah, three w.c.'s, a sluice room, linen store and cupboards. The dormitory and corridor have controllable ceiling extractor ventilators, and all the rooms have "Ewart" controllable ventilators in outer wall, and fixed openings in the corridor, etc. The south side of each dormitory consists of three sheets of glass, one 72 in. by 152 in., and two 72 in. by 72 in., with mechanism for opening. The verandah, 40 ft. by 16 ft., accommodates eight beds. It faces south-west, and the end is enclosed by glass. It is so arranged that a nurse working in the service pantry or the dormitory has a view of its whole area. The dormitory also can be observed from the pantry by day or night. The main bathroom contains a "Shanks" porcelain continuous bath with thermostatic control in addition to the usual equipment. The pantry contains a hot-closet and two gas-burners by "Main." All w.c. doors are fitted with a light bolt, and have a strong handle on the outside. The floors throughout are of oak, the doors and other fittings of Lagos mahogany, and all metal parts are chromium-plated.

The building is protected against fire by two outdoor hydrants on the water main, a "Norsen" automatic hose-reel in the centre, and by an electric system of automatic fire alarms, having twenty-three sensitive points situated in the attics, and connected to an alarm bell and indicator in the entrance hall.

The cost of erection, including all new roads, laying out of grounds, etc., is approximately £21,500, and that of furnishing and equipment £2,800, making a total cost per bed of just over £600.

BOARD OF CONTROL.

Advisory Committee on Scientific and Ancillary Mental Health Services.

The Board of Control, with the approval of the Minister of Health, have appointed the following to advise the Board upon questions arising in connection with Scientific and Ancillary Mental Health Services:

L. G. Brock, Esq., *C.B.* (*Chairman*), Sir Hubert Bond, *K.B.E.*, D.Sc., M.D., F.R.C.P., Robert Bruford, Esq., *J.P.*, W. E. Lovsey, Esq., *J.P.*, T. S. Good, Esq., *O.B.E.*, M.A., M.R.C.S., L.R.C.P., Dr. Adeline Roberts, *O.B.E.*, *J.P.*, J. C. Grime, Esq., *M.B.E.*, *J.P.*, Prof. J. Shaw Bolton, D.Sc., F.R.C.P., P. Barter, Esq. (*Secretary*).

The Mental Treatment Act, which came into operation on January 1, confers upon local authorities powers to provide for out-patient treatment and for the

https://doi.org/10.1192/bjp.77.319.904 Published online by Cambridge University Press

after-care of mental patients, and, subject to the approval of the Board of Control, to undertake or to contribute to research in mental illness. The Board of Control have appointed the Advisory Committee to assist them in the consideration of schemes of research submitted for the Board's approval, and in regard to such questions as the organization of social services in connection with out-patient treatment and after-care, on which local authorities may seek the Board's guidance. On technical questions relating to research the Advisory Committee will have the expert advice of members of the Medical Research Council's Committee on Mental Disorders.

Honorary Consultants at Rampton State Institution.

The Board of Control, with the approval of the Minister of Health, have appointed the following as honorary consultants for diseases occurring amongst the mentally defective patients at Rampton State Institution, Retford, Notts:

Encephalitis lethargica: Prof. A. J. Hall, M.A., M.D., F.R.C.P.

Diseases of the ear, nose and throat: Vincent Townrow, Esq., M.B., F.R.C.S.

Ophthalmic diseases: E. Gordon Mackie, Esq., M.A., M.B.

EDUCATIONAL NOTES.

The Maudsley Hospital, Denmark Hill, S.E. 5 (*University of London*).—Lectures and Practical Courses of Instruction for a Diploma in Psychological Medicine, Course XV, 1932.

Part I (January and February) commencing on January 4, 1932:

I. Twelve Lectures on the Physiology of the Nervous System. By F. Golla, F.R.C.P.

Four Lectures on Biochemistry in Relation to the Nervous System. By S. A. Mann, D.Sc., F.I.C.

II. Twelve Lectures on the Anatomy of the Nervous System. By W. Le Gros Clark, D.Sc., F.R.C.S.

Practical Instruction and Demonstrations. Demonstrator: Charles Geary.

III. Eight Lectures on Psychology. By Henry Devine, M.D., F.R.C.P. Followed by Course of Practical Instruction.

Six Lectures on Mental Mechanisms. By Edward Mapother, M.D., F.R.C.P., F.R.C.S.

Four Lectures and Demonstrations on Physiological Psychology. By F. Golla, F.R.C.P.

Part II (March to May, inclusive):

Twelve Lectures on Morbid Psychology. By Edward Mapother, M.D., F.R.C.P., F.R.C.S.

Six Clinical Demonstrations in Psychiatry. By Edward Mapother, M.D., F.R.C.P., F.R.C.S.

Eight Lectures on Treatment:

Two Lectures on General and Routine Treatment. By Sir Hubert Bond *K.B.E.*, LL.B., M.D., F.R.C.P.

Two Lectures on Drug Therapy. By F. Golla, F.R.C.P.

Four Lectures on Special Therapy. By A. J. Lewis, M.D., M.R.C.P.

Twelve Clinical Demonstrations in Neurology. By F. Golla, F.R.C.P., and James Collier, M.D., F.R.C.P.

Two Demonstrations on Abnormalities of the Fundus Oculi. By R. Foster Moore, M.A., B.Ch., F.R.C.S.

Eight Lectures on the Psychoneuroses. By Bernard Hart, M.D., F.R.C.P.

Four Lectures on Mental Abnormalities of Children. By T. Tennent, M.D., M.R.C.P., D.P.M., D.P.H.

Six Lectures on the Practical Aspect of Mental Deficiency. By F. C. Shrubsall, M.D., F.R.C.P.

Four Lectures on the Legal Relationships of Insanity. By Sir Hubert Bond, *K.B.E.*, LL.B., M.D., F.R.C.P.

Six Lectures on Crime and Insanity. By W. Norwood East, M.D., M.R.C.P.

https://doi.org/10.1192/bjp.77.319.904 Published online by Cambridge University Press