

APPENDIX No. 10.

PROPOSAL FOR PLACING BOYS' TRAINING ESTABLISHMENT ON ADMIRALTY LAND AT TREVOL.

Report of Director of Works.

On the attached plan, accommodation is shown for 1,600 Boys on shore at Trevol.

It is proposed to place them in 16 two-storey blocks, each block containing 100 beds, viz., 50 on each floor. Access to the upper floors has been shown from the roof of the covered way, which would form a verandah level with the floor of each upper dormitory. This would be approached by four staircases where shown on the plan. If preferred, a separate outside staircase to each block can be substituted for the verandah.

At Shotley, the dormitories are single storey, each accommodating 50 boys. Except as regards this, the arrangements at Shotley have been generally followed.

Provision is made for a separate Dining Hall to take all the Boys at one time, and separate blocks for Seamen, Marines, Petty Officers, Chief Petty Officers, Warrant and Wardroom Officers.

The size of the Gymnasium is based on that at Greenwich, and is 200 feet long by 80 feet wide. The Gymnasium at Shotley is 160 feet by 60 feet.

As it is understood that the covered day accommodation at Shotley is insufficient, two lean-to open sheds are provided attached to the sides of the Gymnasium; the total floor area of the Gymnasium and the lean-tos is 30,000 feet, superficial.

The Drill Shed is made double the size of those at Shotley, and the Workshops and Class Rooms slightly increased.

It is presumed that the Boys will be sent to the Naval Hospital at Stonehouse, and therefore only a small sick bay and not a Hospital has been provided. This is shown at the north-west corner of the site; if preferred, it could be sited on the eastern boundary of the property where indicated on the plan.

For the purpose of this approximate estimate, it has been assumed that the number of beds required would be about 2 per cent. of the total number. Taking this at 2,000 (including staff), 40 beds would be required, and a sum of 10,000*l.* has been included in the estimate for the Sick Bay. This works out at 250*l.* per bed.

Provision has been made for a Captain's House, as it is not probable that a suitable one could be hired in the vicinity.

A Swimming Bath and Gun Drill Batteries are shown on the lower ground, and a Boat House and Hard near the Landing Pier.

It is proposed to construct the buildings of brick, with slate roofs, in much the same style as the buildings at Shotley.

The floors would be one of the patent jointless wood compositions, similar to those recently provided at Shotley; it is understood that these are giving satisfaction.

With regard to water, some local inquiries have been made, and it appears that the Torpoint Urban District Council would be prepared to promote a Bill in Parliament to increase their present supply, if the Admiralty decided to put the Boys on the Trevol site; but the Bill cannot be brought in until early next year.

It is proposed to supplement this by a salt-water supply to provide for fire services, swimming bath, and sanitary services.

It is understood that the Gunnery School now use an area approximately indicated by the dotted line; it has, however, been assumed that this area could be reduced, and the area suggested for the Training Establishment is shown by a red edging on the plan. If this is approved, about 97 acres will be available for the Boys' Training Establishment.

The area of the Shotley Establishment as now existing is about 85 acres, this includes about 5 acres appropriated to the hospital.

At Shotley the Admiralty have their own Electric Light Station for lighting the establishment. From local inquiries I gather that it might be possible to get gas from Torpoint, but probably the Shotley arrangement would be more convenient.

The buildings will be drained into a sewer emptying into the Hamoaze; it would be desirable to treat the sewage before it enters the river in the same way as is now done at Shotley.

It has been assumed that the principal access for Boys and stores will be from the water, and a separate pier at the south-eastern corner of the site has been provided. For the present, it has been assumed that a channel giving a depth of water of 6 feet below L.W.O.S.T. will be sufficient. If a greater depth than this is required, the approximate estimate would be increased.

A land entrance is also shown from the Trevol Road.

The red dotted lines on the plan indicate roughly the number of football and cricket fields which could be made; these, however, would only be levelled as required.

The site presents no difficulties for the buildings; in fact, it may be regarded as an excellent site; the buildings can be placed at a level of from 70 to 80 feet above high-water level on ground gently sloping towards the south.

It will, however, be somewhat expensive to provide the number of playing fields indicated, if they all have to be approximately level; it is possible that, in some cases, rock will be found a short distance below the surface.

It must be understood that the scheme here indicated is only a preliminary one. The position of the buildings can be re-arranged if desired, but it has been sufficiently worked out to show that an establishment for 1,600 Boys can be satisfactorily placed on this site.

Until all the details are settled, it will be impossible to prepare a reliable estimate, but it may be taken that the cost will amount roughly to about 220,000*l.*, or nearly 140*l.* per Boy.