

DIRECTOR'S BUILDING COMMITTEE

Minutes of the meeting held on Tuesday, 6th February, 1962.

Present: Mr. T. B. Le Cren - Chairman
 Mr. J. E. Bown
 Mr. D. J. Crabb
 Mr. G. W. Dixon
 Mr. N. N. Ferguson
 Mr. R. M. Fishendon
 Dr. J. E. M. Johnston
 Mr. D. C. Wall - Secretary

Also Present: Mr. V. G. Birchall - for items 8 and 9
 Mr. P. H. Johns - for item 4
 Mr. J. Johnson - for item 9
 Mr. T. D. Martin W.E.D.
 Mr. G. Peagram - for items 5 and 7
 Mr. B. S. Phillips - for item 9
 Mr. C. F. Smart - for items 2(b) and 3.
 Mr. J. K. Thornton - S.W.O.
 Mr. G. Wells - for item 5.

1. Minutes of the meeting held on 9th January, 1962.

The minutes of the meeting held on 9th January, 1962, were accepted.

2. Matters arising from the minutes

(a) Review of Harwell Buildings (Min. 4)

The Chairman reported that the paper had been received favourably by the Research Group Management Board, who had invited Dr. Vick to congratulate the staff engaged in the preparation of the report on the excellent job they had done.

(b) Building 775.17 - Active Workshop for Reactor Area (Min. 5)

Mr. Fishenden reported that, together with Messrs. Crabb and Martin, he had visited the Reactor Area to ascertain the basis on which 13 had been calculated as the average number of persons working in the building and was satisfied that the estimate had been carefully made. The proposed area of the workshop (2000 sq. ft.) was not generous and if a peak should arise it would be necessary for work to be done in the DIDO standby plant room as at present.

It was, therefore, agreed that planning should go ahead on the basis of the areas proposed.

(c) Extension to East End of Hangar 9, Main Workshop (Min. 6 b)

The Chairman reported that the Chief Engineer had confirmed that the scheme was still required and that the small addition was a necessary one.

(d) Advanced Ceramics Building (Min. 6 c)

The Chairman reported that Mr. Grainger had stated it would be necessary to modify the scheme to contain the cost within a total of £250,000 and discussions were proceeding on this basis.

3. Inflammable Material Stores annexe to building 447 BC(62)7.

The Committee gave siting approval for inflammable materials stores in the Reactor Area.

4. Proposed new Plutonium Store BC(62)1.

Mr. Ferguson presented a paper seeking stage II approval for the erection of a new plutonium store at an estimated cost (exclusive of fees) of £15,500.

The scheme had been examined by Mr. Fishenden's working party. Stock of plutonium would increase considerably over the next few years and a justifiable need existed for the store.

Dr. Johnston reported that Health Physics and Medical Division were satisfied with the siting of the store, but wished to look into some detailed points on the final plans e.g. the air sampling facilities, and the health physics aspects of the criticality alarm system before giving a decision.

The Committee gave stage II approval to the scheme subject to complete clearance by Health Physics and Medical Division and Safety Secretariat.

5. Covered ways between buildings 347.2, 347.3 and 347T BC(62)8

The Committee gave siting approval for covered ways between buildings 347.2, 347.3 and 347T.

6. Main Electronics Building

JKT

Mr. Thornton was informed that the Harwell Council had agreed that S.W.O. could carry out some preliminary planning on the proposed Electronics Building.

7. Alterations to Instrument Section - Building 388.1 BC(62)9.

Mr. Peagram presented a paper seeking approval for the expenditure of £5,370 on alterations to building 388.1. He advised that the areas of 2160 and 1620 shown in the paper were incorrect and should be amended to 2800 and 2480 respectively.

During discussion the following points were made:

(i) the additional upper storage area was required to house instrumentation awaiting transit;

(ii) the divisional store in the part of building 388.1 occupied by the Instrument Section would not be able to serve the Metallurgy Division section in the building. Mr. Bown said that this section had been approached on this point and were content to use the divisional store service in building 393;

(iii) the scheme offered reasonable utilisation of space.

TBLcC

After further discussion the Committee agreed that the Director should be recommended to approve the scheme in the sum of £5,400.

8. Sub-Standard Accommodation - Review of Demolition Programme BC(62)6

Mr. Birchall presented a paper reviewing the demolition programme for 1961/62.

The Committee (a) noted that the demolition of S.36, S.38, 43.2 and 357.1 would be delayed until 1962/63 and the removal of the caravan for C.T.R. stores, east of H.7, to 1963/64 and (b) approved the temporary re-use of the building 451 terrapins.

VGB

Mr. Birchall was requested to continue the search for alternative accommodation for the gamma pen at present in S.36.

Dr. Johnston stated that Health Physics and Medical Division did not wish the building 451 terrapins to be reoccupied after Solid State Physics had vacated them as they were in the direction of the prevailing wind from PLUTO.

9. Extension to Bus Park at A.E.R.E. BC(62)10

Mr. Ferguson presented a paper seeking stage II approval for the extension to the bus park at an estimated cost of £40,000 (excluding fees). Three schemes

B, C and D were considered at estimated costs of £40,000, £34,000 and £41,000 respectively.

Scheme B was the most acceptable proposal (excluding considerations of cost) providing the greatest operational safety. The cost was originally estimated at £56,000 but had been reduced to £40,000 after examination by Mr. Fishenden's working party. A further saving might be achieved by competitive tender.

The reductions effected were:-

	£
(i) decrease in length by $\frac{1}{7}$ of extension, concrete and paving	4,000
(ii) decreased provision of shelters	3,000
(iii) drainage cut to minimum	3,000
(iv) lighting	1,000
(v) other proportional decreases, C.V.C. and allowances etc.	5,000
	16,000

The following points were made in discussion:-

- (i) the Road Safety Committee were opposed to both schemes C and D, but strongly supported scheme B. The latter was demonstrably the safest and the Authority had a responsibility to ensure adequate safety for personnel. This should not be disregarded for £6,000;
- (ii) the estimate of £40,000 for B was a project estimate whereas the other two estimates were order of cost only and the margin between B and C might be more than £6,000.
- (iii) the concrete was 7" thick, adequately reinforced and not likely to deteriorate through drainage being at a minimum;
- (iv) S.W.O. were asked to discuss the matter with Mr. Viney who himself had considered the cost of the scheme high.
- (v) The present proposals were for 97 buses only compared with the provision for 110 buses covered by the token estimate of £40,000 given in R.G.M.B. (62)4.

After further discussion it was agreed that

- J.J. (a) S.W.O. should obtain tenders on a bill of quantities based on the present plans; and
- TBLcC (b) the Chairman should report the position to the R.G.M.B. at its next meeting. It was hoped that following further detailed examination of the scheme and on the receipt of tenders, it would be possible to seek stage III approval of the R.G.M.B. for a total cost of less than £40,000.

10. Any Other Business

The Chairman stated that he was questioned on area costs from time to time and requested S.W.O. to produce a paper setting out orders of cost for various types of accommodation.

GWD Mr. Dixon agreed to do this on both square and cubic feet bases using current costs.

The next meeting will be held in the Conference Room, Cockcroft Hall at 11.00 a.m. on Tuesday, 6th March, 1962.

D. C. Wall
Secretary

Finance Branch,
Building 329.
12th February, 1962.