

W. P. Bowles

15268

RLBC/M.40.

R.1

Rutherford Laboratory Building Committee.

Minutes of the meeting held in Mr. Bowles' Office,  
Building R.1. on Monday, 2nd April, 1962.

Present : Mr. P. Bowles - Chairman  
Mr. G.W. Dixon  
Mr. J.C. Louth  
Mr. A. Miller  
Mr. M. Snowden  
Mr. G.N. Venn  
Dr. J.A.V. Willis

11/13

In attendance :

Mr. K.H. Choate  
Mr. A.H. Cuthbert  
Mr. A.H. Fryer  
Mr. J.A. Goode  
Mr. G.W. Herbert  
Mr. D.A. Harrison  
Mr. J.A. Nott  
Mr. G.E. Simmonds  
Mr. A. Shackelford - Secretary

Action 1. Minutes of the last meeting - RLBC/M.39.

The minutes of the previous meeting, held in the Conference Room, Building R.1. on 5th March were accepted subject to the following corrections :-

Minute 3. P.L.A. Extension : the reference in the second paragraph to "single storey block" should be taken as referring to the two storey block.

Minute 6. Treatment of main spoil dump : the remark in the first paragraph should read "the lowest offer, at £12,750, excluding grass seeding ---" not "including" as written.

Minute 7. Paragraphs 2 & 3 of this minute are applicable to Site Power Supplies, not Site Distribution, as inferred.

2. Access Road to Laboratories on North side of R.1.  
Extension - RLBC/P.82.

Mr. Louth presented this paper and tabled a plan of the scheme proposed, discussion of this scheme disclosed several other future uses for this road and the Chairman therefore decided that the scheme must be reviewed in the light of these additional needs. Mr. Louth, Mr. Simmonds and Dr. Willis were asked to consider all foreseeable future requirements and to provide Mr. Choate with a comprehensive briefing so that he

Mr. Louth  
Mr. Simmonds  
Dr. Willis

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2. Louth  
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Mr. Choate can have a suitable scheme prepared for final consideration by Mr. Bowles.

3. Atlas Computer Building.

The case for this project is now ready for submission to Treasury.

Mr. Choate ✓ Mr. Choate will deal with the problem of ventilation to the Battery Room.

Mr. Choate ✓ It was agreed that the boundary hedge should be about four feet high and Mr. Choate is preparing an estimate to cover this.

4. P.L.A. Extension.

The new crane in the old workshop has now been adequately stiffened.

Mr. Nott ✓ The single storey section will be offered for handover by 16.4.62, and Mr. Nott intends that the two storey section shall be ready for handover by 21.8.62. Mr. Nott has agreed these dates with Mr. Marsh. 31.8.62.

Mr. Marsh

5. Mezzanine Floor in R.S.

Mr. Harrison tabled a plan showing the extent of this scheme, which has been approved by the G.P.C.

Mr. Goode

The upper floor will be used as a Resin Laboratory and will require a separate ventilation system. 21/5/ Contracts ✓

6. Treatment of Main Spoil Dump.

Mr. Miller Shepard-Hills tender, based on the latest scheme is approved and Mr. Miller will issue an I.T.P.

Mr. Choate Mr. Choate has agreed the position of the Vapour Receiver Building for the heavy liquid bubble chamber with Dr. Hawkyard and provision for this will be made in shaping the mound.

The fencing scheme will be left until measurements are completed, when the best positions can be decided.

Dr. Willis reported that Mr. Burge had insufficient capacity to sow grass seed on so large an area, a separate contract will therefore be required for this service.

7. Site Power Distribution.

This scheme has been approved and an I.T.P. is to be issued. Mr. Herbert states that his estimate can be regarded as a Control Estimate.

8. Site Power Supplies - Sub-station 14.

Mr. Harbert C.E.G.B. plan to complete their installation by 31.12.63. and Mr. Harbert considers that a start should be made with our equipment during July or August. He will prepare a scheme for submission to the next meeting of the G.P.C. on 18.6.62.

A.E.R.E. will be kept informed at all stages of this project.

9. Roads Construction.

Mr. Harrison There has still been insufficient rain to enable ponding to be defined.

10. R.2. Extension.

The I.T.P. has been revised back to £193,000 and the Contractor has started work on the site.

It is noted that Mr. Harbert cannot confirm his estimate for M & E services prior to receipt of tenders and in view of this it is agreed that Civil work may proceed, but no further Civil Contracts are to be placed until the M & E component of the estimate is confirmed.

11. Roads.

Mr. Choate tabled a drawing showing his developed scheme for Road 7, based upon decisions reached at previous meetings. It was agreed that work should proceed, to this drawing. I.T.P. has already been issued.

Dr. Willis A.E.R.E. have agreed to provide a policeman on request; to control traffic at the Fermi Avenue, Road 7 Junction and Dr. Willis will arrange for this service during evening rush periods.

The access road to the Atlas Computer Building enters Fermi Avenue 120 feet west of Road 7, which distance complies with Ministry of Transport recommendations.

12. Parasitic Area Extension.

Mr. Choate Mr. Choate will have the Control Estimate ready before the next meeting. ✓

Treasury approval has been received and Mr. Miller will issue an I.T.P. on receipt of the Control Estimate.

13. Lecture Theatre.

Mr. Choate Mr. Choate is proceeding with a new scheme to keep within the estimate of £80,000 and will pass sketch plans to Mr. Snowden by 16.4.62. These plans will be quite rough at this stage, to avoid unnecessary expenditure on design work.

The Chairman considers it advisable to have two alternative schemes to submit to Lord Bridges :-

one, a scheme designed down to minimum cost and the other, a scheme designed to an economical, but functionally more refined, specification.

Mr. Dixon Mr. Dixon will have suitable schemes prepared for presentation at the next meeting.

14. Plant Stores, R.24.

Mr. Choate Mr. Choate's report is not yet complete, but generally, the Engineers find that the packaged deal system offers no advantage; Construction Group find no difficulties with it, whilst the Architects feel that the building is quite acceptable as a store and has effected some saving on building work.

15. Standard Signs.

Mr. Harrison Mr. Harrison has obtained estimates from four manufacturers and proposes to fix specimen signs on selected buildings, for viewing before reaching a final decision. Costs of pre-fabricated signs prove comparable to sign writing. \*

16. Buildings for temporary purposes.

Mr. Harrison Mr. Harrison's scheme, for a standard form of temporary building to house generators etc. is not yet ready for presentation.

17. Provision of Record Drawings.

Mr. Simmonds drew attention to the fact that no Record Drawings have yet been received from S.W.O. for any building on the site.

Mr. Dixon Mr. Dixon will investigate this and report back to the Chairman before the next meeting.

18. Numbering of Buildings.

Mr. Harrison tabled a site plan showing re-numbering to some existing buildings. In particular Mr. Harrison felt that the P.L.A. group of buildings was too large for a single number, R.12, and on this plan he had split this into three groups, two of which had new numbers. Since no P.L.A. representative was present at the meeting it was agreed that this change should not be discussed, but it was agreed that the whole of the Atlas Computer Building should be known as R.27 and the Atlas Plant Room should be R.28. also, that the Heavy Duty Laboratory and the associated office block should be known as R.25.

Mr. Harrison      Mr. Harrison was also asked to make several other changes to the layout and to indicate the main entrance to each building by means of an arrow.

19. Restaurant.

Mr. Harbert pointed out that due to the time which has elapsed since the original tenders were obtained, it will now be necessary to invite new tenders.

20. Minor Works Orders.

Mr. Venn presented a statement of minor works orders issued up to 30.3.62.

21. Date of next meeting.

The next meeting will be held in Mr. Bowles' Office, Building R.1. on Monday, 7th May 1962, at 9.00 a.m.

A. Shackleford,  
Secretary.

Building R.1.  
Rutherford Laboratory,  
6th April, 1962.