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Mr. P. Bowles,
Chief Engineer,
Building R.1.

Services Section - Workshop Facilities

1. The Services Section Workshop facilities are at present housed in Building R.9 and occupies 9,600 sq. ft. floor area made up as follows:-

(a) Machine Tools and Workshop Fitting	- 4,000 sq. ft.
(b) Mechanical Maintenance	- 1,000 sq. ft.
(c) Electrical Maintenance	- 1,000 sq. ft.
(d) Electronic Section	- 1,000 sq. ft.
(e) Stores and Offices	- 1,000 sq. ft.
(f) Assembly and Loading Areas, Passageways	- 1,600 sq. ft.
	<u>9,600 sq. ft.</u>

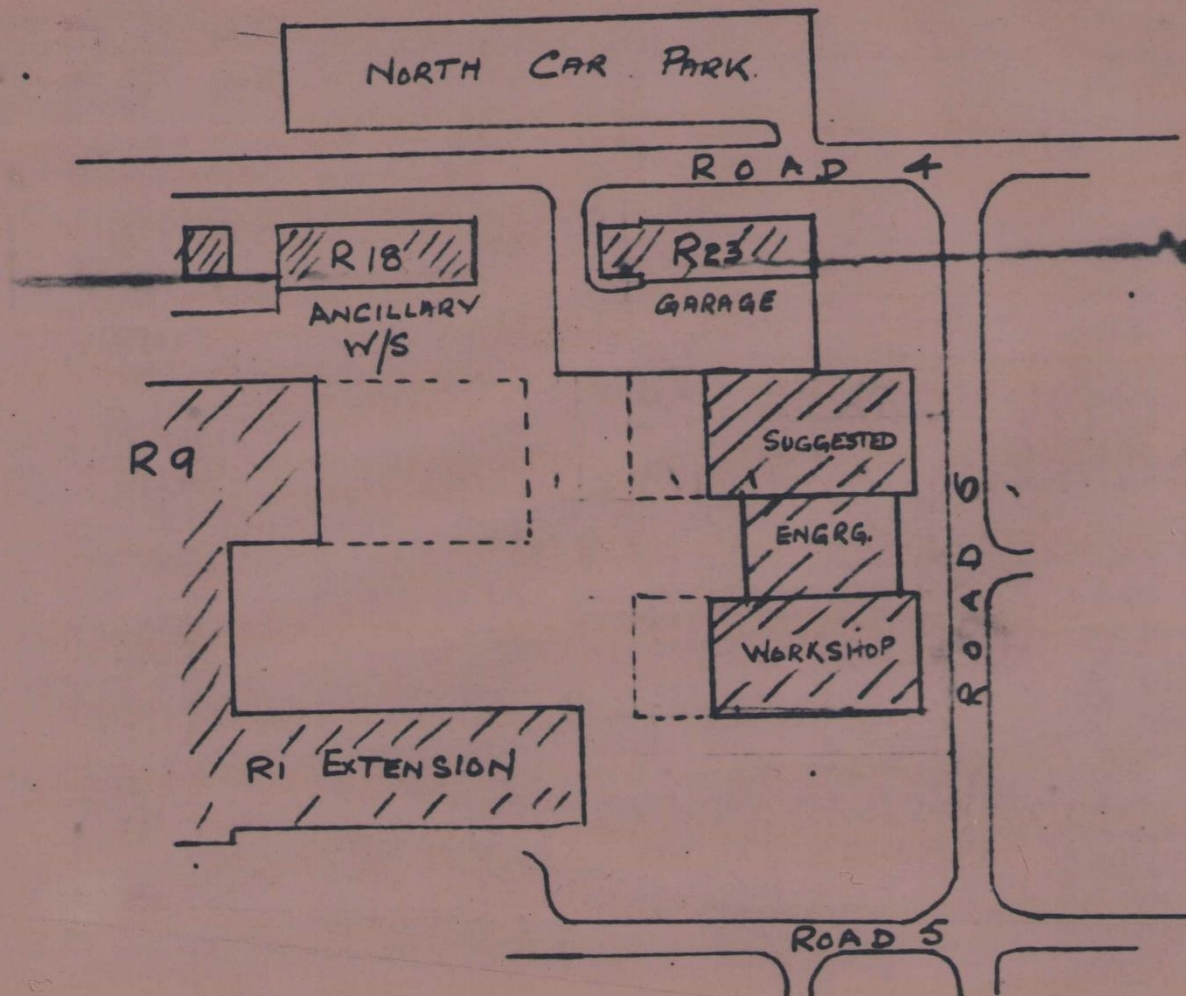
2. Present experience indicates that, even with a Nimrod Project Workshop in being, the facilities of the Services Section Workshop will require to expand if a ready and efficient service is to be given. Moreover, to obtain good results from precision mechanics and machine tools it is essential that these are accommodated away from the rougher and dirtier classes of work undertaken by the mechanical maintenance section and the noise of sheet metal workers. In addition, the electrical section is cramped and further accommodation space is urgent.
3. It is submitted that, in order to avoid the difficult position which will arise in the near future, consideration is given to the construction of a new Services Section Workshop Block thus allowing Building R.9 to be vacated and converted into a heavy laboratory.
4. It is suggested that the new Workshop should take the form and is sited as shown in the attached sketches.
5. It is estimated that the cost of this scheme would be £90,000.
6. An alternative proposal is that Building R.8 should be vacated by the Scientific Staff and converted for workshop use. Buildings R.8 and R.9 together would give the floor area needed and additional mess room, locker space and toilet accommodation would not be necessary.


J. A. Goode

Nimrod Services Section,
Building R.20.

2nd March, 1961.

c.c. Mr. J. C. Louth
Mr. G. E. Simmonds
Mr. A. G. Hewitt



PROPOSED POSITION OF SUGGESTED NEW
ENGINEERING WORKSHOP BLOCK

SUGGESTED NEW ENGINEERING WORKSHOP BLOCK

A - MACHINE TOOLS, BENCH FITTING, HEAT TREATMENT	- 8,750 SQ FT
B - MAINTENANCE W/S	- 2,500 SQ FT
C - ELECTRICAL W/S	- 4,000 SQ FT
D - BUILDING WORKS AREA	- 1,000 SQ FT
E - SHEET METAL, WELDING AREA	- 1,000 SQ FT
F - RIG PREASSEMBLY AREA	- 1,000 SQ FT
G - TACKLE STORE	- 500 SQ FT

