

Dr. Pickavance will discuss
this with Lord Bridges later when
a suitable opportunity arises.

P.B.
10.5.63.

Mr Bowles copy

Note by the Chairman of the Rutherford Laboratory Building Committee

Magnet Room Entrance

Construction and commissioning experience for the Nimrod machine is showing that the policy of minimising entrances to the Injector and Magnet Rooms on grounds of personnel control is, in fact, proving too restrictive. It is impossible to remove major items of plant for repair or to exchange them for re-designed equipment without unacceptable disturbance to the magnet and experimental areas. Because of this a study has been made of the best place to make an additional entrance direct into the Magnet Room which would permit the removal of such items of plant as Vacuum Vessels, Straight Section Boxes and R.F. equipment.

The scheme proposed is shown in Appendix I. The execution of this work involves removal of some of the earth mounding and breaking through the heavily reinforced concrete wall, but because of the essential requirement of being able to remove major items of plant without disturbing the experimental areas this is justified. The work outlined in the scheme would not be started until a suitable time after the machine had been commissioned, and therefore it is anticipated there will be no commitment on this scheme before the 1964 financial year. An estimate of cost has been made by the Southern Works Organisation who will be executing this work and this is £10,500 plus 15% fees.

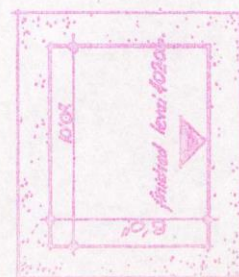
P. Bowles

8th May, 1963

PROPOSED ACCESS TUNNEL.
TO MAGNET ROOM.

157 MAY 1963.
REF. No. 1136.

den. T.J. King.



Note by the Chairman of the Rutherford Laboratory Building Committee

Injector Room Entrance

Construction and commissioning experience for the Nimrod machine is showing that the policy to minimise entrances to the Injector and Magnet Room on grounds of control of personnel entering the machine area is in fact too restrictive. It is impossible to remove major items of plant for repair or to exchange them for re-designed equipment without unacceptable disturbance to the magnet and experimental areas. Because of this a study has been made of the best place to make an additional entrance to the Injector Room. This scheme, shown in Appendix I, will permit the removal of such items of plant as the Sames High Voltage Generators. The execution of this work involves removal of some of the earth mounding and breaking through the heavily reinforced concrete wall, but because of the essential requirement of being able to remove plant this is justified.

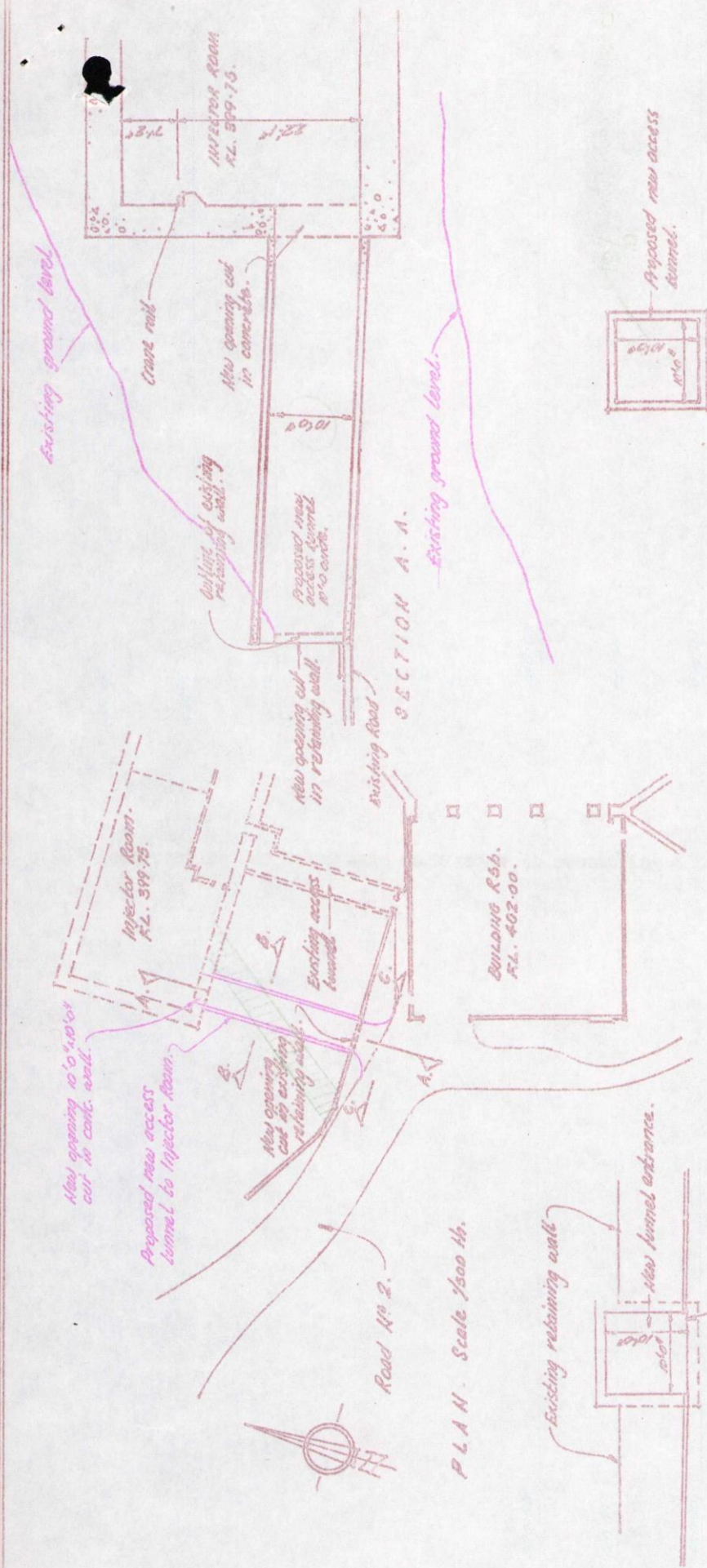
An estimate of cost has been made by the Quantity Surveyors of Southern Works Organisation which is £6,000 plus 15% fees.

The necessity for this entrance has been recognised for some time and money is available in the present year's estimates for the execution of this work. Approval is requested for this scheme to go ahead immediately at the above cost.

P. Bowles

8th May, 1963

APPENDIX I



N.I.R.N.S. HARNWELL.
 PROPOSED NEW ACCESS TUNNEL
 TO INJECTOR ROOM BUILDING RS.
 Scheme No 2.

Scales 1/500 H & 1/2" = 1'.
 Date. 23.4.63.
 Job No 6702
 Arch Ref. 1131.