

DR PERKAVANCE 4
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7 GeV PROTON SYNCHROTRON

Notes on building completion dates agreed by Project Group at a meeting held in Mr. Bowles' office on 29th July, 1958.

1. Assembly and Testing Building

Building completion	15. 8.58
Crane available	15.10.58
Complete cooling system	31. 1.59

2. Injector Room

Completion up to 1st step (Approx. 40 ft.)	1.10.58
Partition to be erected	1.10.58
Remaining part of Injector Room	1. 4.59

Services required by 1.10.58:-

1. Crane (1 only).
2. Fixed lighting.
3. Power for portable tools.
4. Clean conditions (Linoleum laid).
5. Mains water and compressed air.
6. Heating and Ventilation.
7. Removable screen for access door with small wicket gate.
8. Access road.

The erection of the partition can be delayed until last possible moment to give maximum working area.

3. Control Building

Partial occupation required	30.11.58
Building completion	31.12.58

No technical reasons for building until March 1959 but domestic reasons dictate that building is available for occupation by 31.12.58.

4. Magnet Room and Parasitic Area

Delivery of magnet sectors commence	1. 2.59
Access to building for sector storage	1. 2.59
Clean conditions within monolith area	1. 2.59

Services required by 1.2.59:-

1. Lighting.
2. Temporary Heating and Ventilation.
3. 30 Ton crane
4. Screen across Experimental Area.
5. Access Roads.

Work permitted after 1.2.59:-

1. Intermediate and Final Painting.
2. Installation of pipework and Electrical Services.
3. Completion by 1.6.59.

Note:- Access will be required for 21 days during the period 1.2.59 - 1.6.59 to carry out survey work. The actual dates will be discussed and agreed with the Resident Engineer.

5. Experimental Area (Part 1)

Access for plant	1. 7.59
Clean conditions	1. 7.59

Note:- This is running one month behind programme but no special action need be taken to catch up.

6. Experimental Area (Part 2)

Contractors can use this area up to the end of 1959 if they so require.

7. Laboratory and Office Block

Building completion required by 30.6.59.

Note:- This building is urgently required by the above date and present delay to be recovered if possible.

8. Air-conditioning Plant

Completion required by 1.7.59 (at the very latest).

9. Cooling Towers

Small cooler with pumping auxiliaries,
Heat exchanger etc. by 1.9.59

Main Cooler can be delayed by 12 months from present programme date.
i.e. erection can commence by 1.4.60, completion by 1.10.60.

10. Convertor House

Building ready for plant installation 1. 1.60

Project Group to supply information on trenches etc. by 15. 8.58

Two D.C. Generators for magnet testing will be
installed during period 1. 6.60 - 1.11.60

11. Transformer Yard

Ready for plant installation by 1. 1.60
Project Group to supply information by 31.12.58

12. Alternator Building

Building ready for plant installation 1. 1.60

Project Group to obtain size of hole in floor from
English Electric by 31. 8.58

F.M. Telling

Building 412/T

29th July, 1958.