

CONFIDENTIAL.

December 9th., 1942.

Dr. Wilder G. Penfield,  
Montreal Neurological Institute,  
3801 University St.,  
Montreal.

Re: Montreal Neurological Institute.  
Additional Wing

Dear Dr. Penfield:

We are enclosing, herewith, a report on the increased accommodation at the Montreal Neurological Institute and I would like to make a few comments regarding such a development.

(1) From an examination of the plot plan, it appears feasible to erect the size of building required thus leaving room for a future building, the width of the Neurological Institute, to be built between the present sidewalk and this new projected wing.

(2) From the examination of the site, the rock appears very close to the surface and it seems impossible to plan a Basement without blasting the rock out to make the space for it.

(3) The City by-laws do not permit a non-fireproof building of more than a Basement and one floor to be built within the City's limits.

(4) A permit would have to be obtained from the government for the erection of this wing and the priority rating of the building would depend on how necessary this building is considered by them.

A priority rating places the building in the same class as all others which have the same rating and the building must take its turn in obtaining certain materials which are under government control. Owing to delays in obtaining such materials, it is difficult to estimate the exact cost of the work as no contractor knows to what extent his work may be held up owing to the non-delivery of the necessary materials. A second point regarding cost is that, in spite of price ceilings, there are

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frequent adjustments to wage rates and costs of materials which cannot be foreseen when the project is commenced.

(5) This building has been considered as a reinforced concrete building with a brick exterior as it would appear doubtful if the government would allow stone facings to be erected at the present time. However, the stone facing could be completed at a later date.

(6) The drawings forwarded should not be considered as complete preliminary plans as, in work of this nature, it is essential to study the exact use and equipment of each room in detail.

The above notes have been made in an attempt to give you a reasonably true picture of a building operation under present conditions and if the plans are developed further, every effort will be made to use those materials which are not governed by priorities and which would be suitable for accommodation of an emergency nature.

The attached estimates must be taken as "approximate" as we can never guarantee them without having received a proposal from a reliable firm who will do the work outlined for a stated amount. The forwarded drawings have not been shown to any contracting firms as it is our understanding that you wish this project treated as strictly confidential at the present time. The attached memorandum gives the cube of the building and our estimate of its cost.

We will be glad to give you any further details on the building if you will kindly advise us what is required but for us to prepare what are known as "complete preliminary sketches" it is necessary for you, under government regulations, to apply to the Director, Wartime Bureau of Technical Personnel, Ottawa, for permission to employ our firm as architects on this project and the fee we would propose is the regular one of five percent (5%) on the general work plus two and one-half percent (2 1/2%) on the mechanical trades.

Yours very truly,

**COPY** FETHERSTONHAUGH & DURNFORD  
Architects.

enc.  
hlf/w  
ex. c.c. to:-  
Dr. Wilder G. Penfield.



Work No. 1226.

December 9th., 1942.

MONTREAL NEUROLOGICAL INSTITUTE, MONTREAL, QUEBEC

Preliminary Estimate on Cost of Proposed Wing

The following estimates are based on a fireproof building with exterior walls of brick, the interior to be terra cotta partitions, plastered walls and plastered ceilings and the floors to be cement with linoleum coverings if linoleum is available.

It is our understanding that there is adequate steam available for this wing and that the facilities in the Neurological Institute for x-ray, special treatment, Kitchens, etc., do not need to be provided in this addition.

Main Building	30' x 95' x 45'	-	128,250 cu. ft.
Bridge		-	<u>12,000 " "</u>
TOTAL		-	<u>140,250 " "</u>
140,250 cu. ft. @ 70¢ per cu. ft.		-	<u>\$98,175.00.</u>
Estimated cost @ 70¢ per cu. ft.		-	\$ 98,175.00.
Alteration to Road		-	1,000.00.
Steam Tunnel		-	1,000.00.
Alteration to Existing Building (three floors)		-	6,000.00.
Utility Room and Sub-Kitchen equipment (3 Utility Rooms) (3 Kitchens)		-	<u>9,000.00.</u>
			\$115,175.00.
10% for Contingencies		-	<u>11,517.50.</u>
TOTAL		-	<u>\$126,692.50.</u>

The above figures do not include  
Hospital furnishings or equipment.

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