

AP Isles Avenue, Cliff Island-I
(See assess' Lot Nos. 109B-D-1 to 39)

January 7, 1932

Mr. Norman I. Black
Cliff Island
Maine

Copy to Cliff Island Library Association
Attn: Mr. David Britton, Cliff Island, Maine
Chief of the Fire Department
Lyman S. Moore, City Manager

Dear Mr. Black:

Building permit for construction of a one story addition 10' x 14' at the lower below the kitchen wing of the club house on Isles Avenue, Cliff Island (Assessors' Lot Nos. 109B-D-1 to 39), so that the space beneath the kitchen with that within the addition may be used for storage of a fire truck, is issued herewith based upon the plan filed with the application for the permit, but subject to the conditions listed below. If for any reason you are unable or unwilling to provide the construction indicated, no work is to be started and the permit is to be returned to this office for adjustment. Conditions under which the permit is issued are as follows:

1. Two 6" channel irons, one on each side of the 6x8, are required for the existing wood beam where the outside wall beneath the kitchen all is to be removed. Instead of only one as shown on the plan. Where channel irons are to be placed, provide wood cassettes to increase the carrying capacity of these beams, so long as one-half inch diameter bolts spaced not over three feet on centers are required to fasten the channels and wood beams together so that they will work in unison. Permit is issued on the basis that such construction is to be provided.

2. Height of the 6" I-beam to be provided beneath the partition separating kitchen from bullets, which supports a beam carrying the roof joists, is not noted on the plan. The lightest weight 6" standard I-beam will not figure out to handle the loads involved adequately and the permit is issued on the basis that the beam to be used will be a 6" I-beam weighing at least 17.25 pounds per linear foot or a beam of greater carrying capacity than this. Provision will need to be made to fasten this beam to the existing floor construction.

3. The 2x8 rafters of the addition spaced 12" on centers will figure out all right as long as only a roof load is involved, but if there is any intent, either now or in the future, to use this roof for an extension of the existing platform, much heavier construction will be needed.

It is understood that you plan to provide the required one-hour fire separation between the garage space and the assembly hall by using plaster or perforated gypsum lath or on metal lath. If perforated gypsum lath is used on the ceiling, the entire area of which is to be covered, strips of wire lath at least 3" wide are required over the joints in the gypsum lath. Wherever the foundation walls do not extend up high enough to make a complete separation between the garage and the space under the assembly hall, wood stud walls framed with 2x4 studs spaced not over 16" on centers and covered on both sides with perforated gypsum lath or metal lath and plaster are to be provided.

5. No indication is given as to whether any heat is planned for the garage space where the fire truck is to be stored. Should there be any such intention, it should be borne in mind that either an approved garage heater is required if it is to be located in the space where the truck is stored, or else the room where the heater is located is required to be separated from the truck storage space by partitions of one-hour fire resistance. In any case a separate permit, issuable only to

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the actual installer, is required for the installation of any equipment for heating the garage, this permit to be secured before any work on the installation is started.

6. The statement of design required to cover the design of the steel beams has not been attached to the plan filed. Rather than delay issuance of the permit awaiting receipt of this statement, we are enclosing a blank statement for you to have filled out and signed by the person taking responsibility for the design of these beams and to return to this office for affixing to the plan. May we not have your cooperation in having this done at the earliest opportunity?

7. Notification is to be given to a office for an inspection before any lath is applied to any of the walls, partitions, or ceiling.

Very truly yours,

Warren McDonald
Inspector of Buildings

lis/c

P.S. Noting that you intend to use plaster for fire resistant partitions and ceilings, it should be borne in mind that the usual gypsum plaster does not stand up well where there is likely to be continued dampness, as may be the case with the wall between garage and under part of main building. You will get a more permanent job in any such locations by using cement plaster, but with that plaster it is my belief that metal lath would be better than the gypsum lath.