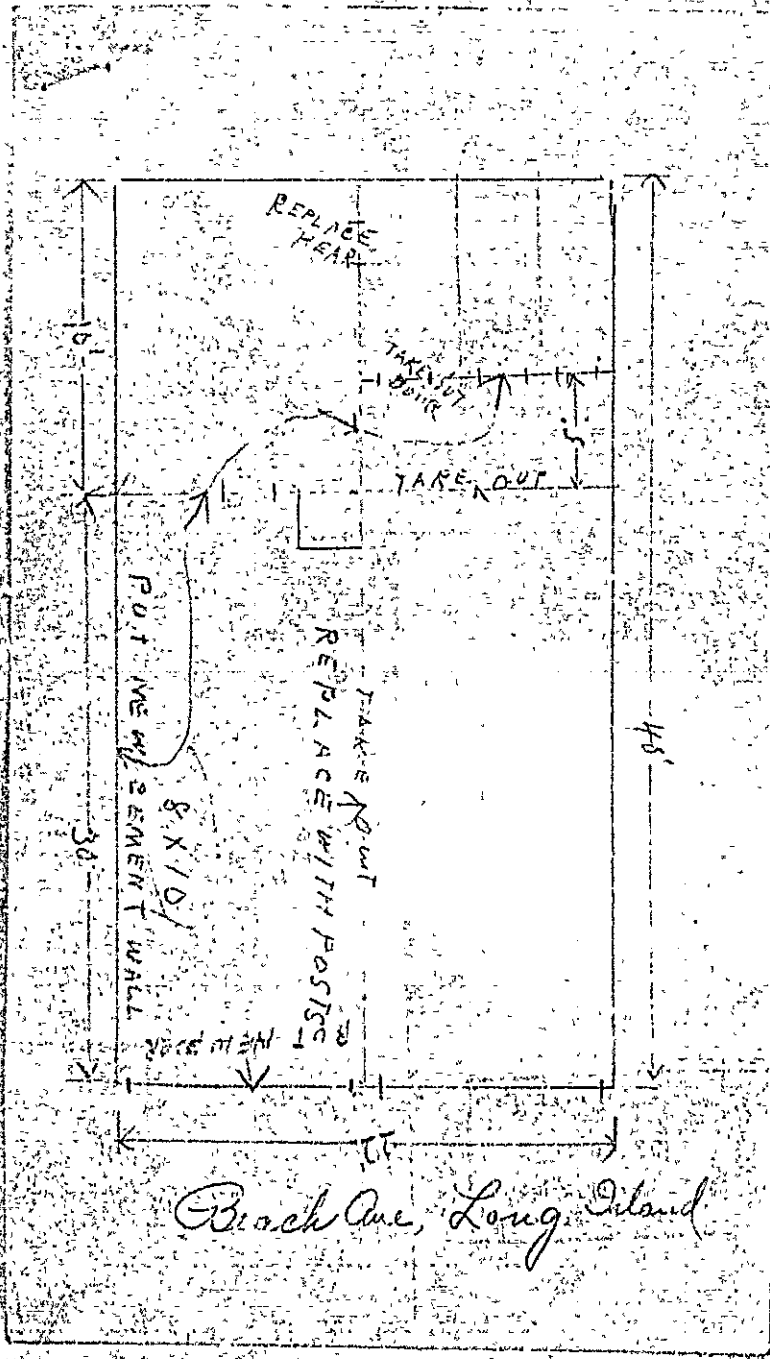


BEACH AVENUE - LONG ISLAND  
93-I-10

MC-CO26  
ESTIMATED







AP Beach Avenue, Long Island

December 18, 1949

Subject: Permit for alterations to Fire  
Station on Beach Avenue, Long Island.

Mr. Arthur Zallen  
223 High Street  
Portland, Maine

Dear Sir:

Although not enough information has been furnished to enable us to make certain that Building Code requirements are to be met in every particular, if our understanding of the situation is correct, it appears that such will be the case. Accordingly the permit is issued herewith on the basis as outlined below. If conditions and construction are not and will not be as noted, no work is to be done until adjustments have been made at this office to ensure compliance. Conditions under which permit is issued are as follows:

1. It is our understanding that the bearing partition to be removed is now supported on a concrete wall extending some distance above the ground and that the top of this wall is to be cut off low enough to allow the new concrete floor to be poured over it. Where the 4x8 posts carrying the new 4x8 girder are to land on this wall, concrete piers, extending at least 6" above the surface of the new concrete floor, with a metal pin or dowel set in the top of each pier for anchorage for the bottoms of the wood posts, are to be provided.

2. We understand that there is an unfinished loft in the building to which access may be had only through a trap door in the ceiling of the building and that these ceiling timbers are to be supported at the center of the building by the new 4x8 girder. This girder is adequate for taking care of the loads involved, so long as the space above the ceiling is unused, but if use of this space for storage or other purposes is planned for in the future, it is likely that strengthening of this girder and probably the existing floor timbers will be needed.

3. The headers indicated for the new large door openings, to be located if they are to be in the gable end of the building and will carry no roof or ceiling loads.

4. No indication is made as to the type of heat in the building, but since motor driven vehicles are to be stored there, either an approved garage heater is required for this purpose or else the heater is required to be cut off from the space where the motor vehicles are to be stored by partitions of one-hour fire resistance with a Class "C" labelled fire door and a 6" raised threshold in any doorway in the separating partition. If such a separation is necessary, the location of such partitions should be covered by an amendment to this permit. If an approved garage heater is to be installed, a separate permit issuable only to the actual installer is required for its installation.

5. It is presumed that the new concrete floor is to rest directly on the ground and that the reinforcing is being provided only to resist temperature stresses and to prevent cracking of the slab due to uneven bearing on the ground.

CC Oliver T. Barbera  
Chief of Fire Department

Lester F. Wallace

Very truly yours,

Karren McDonald  
Inspector of Buildings

(over)

AP Beach Avenue, Long Island-I  
(City Fire Station)

Oliver T. Sanborn, Chief of the Fire Department  
Lester F. Wallace, Purchasing Agent  
Warren McDonald, Insptr. of Bldgs.

December 13, 1949

Application for permit by Arthur Maslen to make alterations in  
city fire station on Beach Avenue, Long Island

Will you be good enough to tell me on what basis Mr. Maslen is doing this work? Were there specifications and what is the purpose of it, and are there any plans so that we can check up the strength of the supporting timbers and columns where a bearing partition is to be removed and chunk off on the size of headers where doors are to be widened or cut in new.

While I have no reason to believe that Mr. Maslen would do anything but a good job, unless there are more definite specifications than he has repeated in the application, the door is wide open to get a poor job in some particulars.

With his application he has filed a rough sketch of the most general character, has given an estimated cost of \$1,200.00 and has described the job as follows:

- 1. To remove 30-foot bearing partition through center of building and providing 4x6 posts, 7 1/2' on centers, 4x8 header.
- 2. To cut in 8' wide door opening on front of building, 4x6 header.
- 3. To widen existing front door 2' making opening 10', 4x8 header.
- 4. To remove post foundation under portion of building and provide concrete foundation wall 3' top, 10' bottom, at least 4' below grade or to ledge. No excavation.
- 5. To remove 11-foot non-bearing partition.
- 6. To close up door leading to cell and cut in new door in bearing partition, 4x6 header.
- 7. To provide 11' reinforced concrete floor in portion of building 11' x 30'.

Unless you have some arrangement with the contractor not mentioned in the application for the permit, there are many details here that can be slighted and the City not get the kind of a job or the extent of work it expects. For instance: no mention of posts under the headers over new door and widen door; nor of foundations under 4x6 posts where bearing partition is to be removed; nor the kind of concrete to be used in the non-bearing wall; nor the kind of reinforcement to be used in the concrete floor; nor the kind of concrete in the floor; nor whether or not there is to be the usual gravel or crushed stone cushion under the floor.

The City does not buy anything else that way, and I am wondering if we should buy construction work that way—if indeed we do not have specifications that I know nothing about.

I am enclosing the permit and application to Chief Sanborn for his approval.

If either of you know where there is a plan of the building or how we can find out the framing of the building, to check the structural strength, it would be much appreciated. I want to be of as much assistance as possible but we would like to avoid a trip down there to find out how the building is framed.

Inspector of Buildings



(A) APARTMENT HOUSE ZONE  
APPLICATION FOR PERMIT

PERMIT ISSUED  
Permit No. 10611  
NOV 10 1938

Class of Building or Type of Structure Third Class

Portland, Maine, November 9, 1938

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to erect alter install the following building structure in accordance with the Laws of the State of Maine, the Building Code of the City of Portland, plans and specifications, if any, submitted herewith and the following specifications:

Location Beech Avenue, Long Island Within Fire Limits? no Dist. No. \_\_\_\_\_

Owner's or Lessee's name and address City of Portland Telephone \_\_\_\_\_

Contractor's name and address J. M. Gray, Long Island Telephone 206-29

Architect \_\_\_\_\_ Plans filed 75 No. of sheets \_\_\_\_\_

Proposed use of building Police and Fire Station and Polling Place No. families \_\_\_\_\_

Other buildings on same lot \_\_\_\_\_

Estimated cost \$ 1675 Fee \$ 75

Description of Present Building to be Altered

Material wood No. stories 1 Heat \_\_\_\_\_ Style of roof flat Roofing Asphalt

Last use Police Station and Polling Place No. families \_\_\_\_\_

General Description of New Work

To put in 29 1/2" lengthwise partition (stud 16" x center) to divide off part of  
or first floor for fire station

To cut in new door in front of building 9' opening (table and)

To remove present wood floor in this section and provide concrete floor

It is understood that this permit does not include installation of heating apparatus which is to be taken out separately by and in the name of the heating contractor.

Details of New Work

Size, front \_\_\_\_\_ depth \_\_\_\_\_ No. stories \_\_\_\_\_ Height average \_\_\_\_\_ grade to top of plate \_\_\_\_\_ highest point of roof \_\_\_\_\_

To be erected on solid or filled land? \_\_\_\_\_ earth or rock? \_\_\_\_\_

Material of foundation \_\_\_\_\_ Thickness, top \_\_\_\_\_ bottom \_\_\_\_\_ cellar \_\_\_\_\_

Material of underpinning \_\_\_\_\_ Height \_\_\_\_\_ Thickness \_\_\_\_\_

Kind of Roof \_\_\_\_\_ Rise per foot \_\_\_\_\_ Roof covering \_\_\_\_\_

No. of chimneys \_\_\_\_\_ Material of chimneys \_\_\_\_\_ of lining \_\_\_\_\_

Kind of heat \_\_\_\_\_ Type of fuel \_\_\_\_\_ Is gas fitting involved? \_\_\_\_\_

Framing Lumber Kind \_\_\_\_\_ Dressed or Full Size? \_\_\_\_\_

Corner posts \_\_\_\_\_ Sills \_\_\_\_\_ Girt or ledger board? \_\_\_\_\_ Size \_\_\_\_\_

Material columns and girders \_\_\_\_\_ Size \_\_\_\_\_ Max. on corners \_\_\_\_\_

Studs (outside walls and carrying partitions) 2x4-16" O. C. Girders 6x4 or larger. Bridging in every floor and flat roof span over 8 feet. Sills and corner posts all one piece in cross section.

Joists and rafters: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

On centers: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

Maximum span: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

If one story building with masonry walls, thickness of walls? \_\_\_\_\_ height? \_\_\_\_\_

If a Garage

No. cars now accommodated on same lot \_\_\_\_\_, to be accommodated \_\_\_\_\_

Total number commercial cars to be accommodated \_\_\_\_\_

Will automobile repairing be done other than minor repairs to cars habitually stored in the proposed building? \_\_\_\_\_

Miscellaneous

Will above work require removal or disturbing of any shade tree on a public street? no

Will there be in charge of the above work a person competent to see that the State and City requirements pertaining thereto are observed? yes

City of Portland

Signature of owner J. M. Gray

Permit No. 3 E / 1981  
 Location Back Cove Long Isl.  
 Owner C. J. P. P. P. P.  
 Date of permit 1/1/38  
 Notif. closing-in Y3  
 Inspn closing-in 17  
 Final Notif. 10  
 Final Inspn. 6/1/39  
 Cert. of Occupancy issued None

NOTES

~~officer work on a fire at  
 and the risk of this in  
 this part of the station  
 in this part of the station  
 chimney it is looked to be  
 an oil burner but it  
 could not get in to check  
 there is also a coal burning  
 stove in the other part  
 then was down coal during  
 the station and garage  
 partly with~~