Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 11/15/17

Portland Water District

From Sebago Lake To Casco Bay

May 31, 2016

3-D Design LLC
55 Salem Street, Unit B
Portland ME 04102

Attn: Nicholas Burnett
Re: 374 Island Avenue – Peaks Island
Ability to Serve with PWD Water

Dear Mr. Burnett:

The Portland Water District has received your request for an Ability to Serve Determination for the noted site submitted on March 16, 2016. Based on the information provided, we can confirm that the District will be able to serve the proposed project as further described in this letter.

Conditions of Service

The following conditions of service apply:

- We recommend that the existing 1" water service off the Island Avenue main be used for both the domestic and the sprinkler system. The service on private would need to be upgraded 1.5" or 2" to provide adequate flow and pressure and the meter would most likely need to be upgraded to 1". We will need verification from the sprinkler company that the 1" service is adequate for a combined fire/domestic service.

- If the above option is not adequate for the fire protection needs, a separate fire service may be installed off Ocean Street to serve the building. Please keep in mind that a separate fire service line will generate a separate account and a monthly fire protection charge.

- Water District approval of water infrastructure plans will be required for the project prior to construction. As your project progresses, we advise that you submit any preliminary design plans to MEANS for review of the water main and water service line configuration. We will work with you to ensure that the design meets our current standards.

Existing Site Service

According to District records, the project site does currently have existing water service. A 1-inch diameter copper water service line, located as shown on the attached water service card, provides water service to this site. Please refer to the "Conditions of Service" section of this letter for requirements related to the use of this service.

225 Douglass Street P.O. Box 3553 Portland, Maine 04104-3553
Phone: 207.774.5961 Fax: 207.761.8307 Web: www.pwd.org

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Water System Characteristics

According to District records, there is an 12-inch diameter ductile iron water main on the southeast side Island Avenue and a public fire hydrant located 135' from the site. Recent flow data is not available in The most recent static pressure reading was 100 psi on February 2, 2016.

Public Fire Protection

The installation of new public hydrants to be accepted into the District water system will most likely not be required. It is your responsibility to contact the Portland Fire Department to ensure that this project is adequately served by existing and/or proposed hydrants.

Domestic Water Needs

The data noted above indicates there should be adequate pressure and volume of water to serve the domestic water needs of your proposed project. Based on the high water pressure in this area, we recommend that you consider the installation of pressure reducing devices that comply with state plumbing codes.

Private Fire Protection Water Needs

You have indicated that this project will require water service to provide private fire protection to the site. Please note that the District does not guarantee any quantity of water or pressure through a fire protection service. Please share these results with your sprinkler system designer so that they can design the fire protection system to best fit the noted conditions. If the data is out of date or insufficient for their needs, please contact MEANS to request a hydrant flow test and we will work with you to get more complete data.

If the District can be of further assistance in this matter, please let us know.

Sincerely,
Portland Water District

Gordon Johnson P.E.
Engineering Services Manager

SERVICE RECORD

NO. 374 Island Ave
REG. NO. SV26P 1147
Name Capone - Newton
Name
Name

ST. DIVISION 26
Code No.
Name
Name

SERVICE DATA

Size of Pipe 1"
Kind of Pipe Cop
Main to Stop 15' 9"
Stop to St. Line 4' (Plants
Date 6-18-13
Mat. on Private 3/4" Cop
Depth/Main 6'
Depth/Private 5'6"
Shut at Corp

MEASURES

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CITY OF PORTLAND, MAINE