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Commonwealth of Massachusetts
Division of Professional Licensure
BOARD OF STATE EXAMINERS OF PLUMBERS
AND GAS FITTERS

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CHARLES BORSTEL
COMMISSIONER DIVISION OF
PROFESSIONAL LICENSURE

MARCH 7, 2018 BOARD MEETING AGENDA

9:00 A.M. AGENDA REVIEW: By Chairman Joseph McNamee

9:05 A.M.: APPROVAL OF PREVIOUS MEETING MINUTES:

- The February 7, 2018 Board Meeting Minutes
- The February 7, 2018 Executive Session Minutes

PRODUCTS

P1) Shark Energy Systems

This is a new technology that uses waste water to heat domestic water. The waste water will pre heat the domestic water by means of a heat exchanger. The preheated water will then go to a storage tank which will be ready for heating to proper hot water temperatures. There is a dump valve which will go to the tank or to the sanitary system. This is for multifamily installations only. It presently installed in New Jersey, Washington and Canada.

DISCUSSION(S)

- D1)** Application of 248 CMR 5.00 and 8.00 in regards to the storage and transport of liquefied petroleum.
- D2)** Code Requirements for adult daycare facilities
- D3)** Scheduling date and location for listening session required prior to amending 248 CMR 3.00 to 11.00.
- D4)** Number of permits required for multi-unit buildings
- D5)** Upcoming events – PHCC Trade Show March 10th, Bay Colony Master Plumber’s Association March 28th
- D6)** Proposed policy on gray water installations

VARIANCE REQUESTS

GV-104: TOM COHN – 40 FIRST AVENUE - WELLFLEET



The Petitioner, David Erickson is seeking a variance from 248 CMR 3.04 (1) to allow the installation of a completely restored 1950's Wedgewood gas range. A standing pilot is included, however it will operate on propane. As this is a gas variance, no Board of Health petitioning is required.

GV-112: MONICA BAUM – 328 SUMMER STREET - NORWELL

The Petitioner, David Erickson is seeking a variance from 248 CMR 3.04 (1) to allow the installation of a completely restored 1930's Magic Chef gas range. A standing pilot is included, however it will operate on propane. As this is a gas variance, no Board of Health petitioning is required.

PV-112: ALEX ROSEN - 64 GRIFFIN STREET - FRAMINGHAM

The Petitioner, Thomas Haddock is seeking a variance from 248 CMR 10.15 to allow the installation of a utility sink in the mechanical room to pump waste from the laundry back to the drain on the other side of the home. The owner would like to relocate the laundry from the kitchen to the mechanical room in the rear of the home but would have to remove tile and hardwood flooring and saw cut the slab in order to install a gravity drain. The Framingham Board of Health is in favor of this variance request.

PV-116: ALEX & ELIZABETH SALVI – 211 BARNES HILL ROAD - CONCORD

The Petitioner, Brian Bilo is seeking a variance from 248 CMR 3.04 (1) to allow the installation of a bathtub which is not Product Accepted. The tub is equipped with a tub waste and overflow assembly. The Concord Board of Health is aware of this variance request.

PV-117: CAP LONG WHARF, LLC – 61-70 LONG WHARF - BOSTON

The Petitioner, James Ierardi is seeking a variance from 248 CMR 10.10(18) to allow omitting the required floor drains in the tenant rest rooms on the 2nd floor. These rest rooms are located directly above a new transformer vault on the 1st floor. However, Eversource will not allow foreign piping located in the 1st floor space and the applicant indicates such an installation would violate the Electrical Code prohibiting pipes from passing through a transformer vault. The Petitioner proposes that the facilities be serviced by a janitor's service sink. Boston Inspectional Services is aware of this request.

PV-119: CHARLTON FAMILY DENTAL – 159 WORCESTER ROAD – UNIT B - CHARLTON

The Petitioner, Edward Coppelman is seeking a variance from 248 CMR 10.10 to allow the installation of one men's and one ladies room for use by both patients and staff instead of providing separate designated rest rooms for patients and staff. The Charlton Board of health supports to this request.

PV-120: SANOFI CEREZYME – 8 NEW YORK AVENUE - FRAMINGHAM

The Petitioner, Paul Douglas is seeking a variance from 248 CMR 3.04 (1) to allow the installation of fiberglass (FRP) piping for the under-slab process waste, HBOD waste and glycol waste and double containment FRP piping for the under-slab zinc waste drainage system. The Framingham Board of health has no objection to this variance request.

PV-121: UMASS – BERKSHIRE HOUSE – 121 COUNTRY CIRCLE - AMHERST

The Petitioner, Blakely Smith is seeking a variance from 248 CMR 10.10 to allow the conversion of one multi-stall rest room to a gender neutral multi-stall bathroom in an office building. The Petitioner's submissions indicate the building in question has the following current layout:

1st floor – 1 male toilet, 3 female toilet, 1 gender neutral toilet; 2nd floor – 3 male toilets; 3rd floor – 3 female toilets.

The Petitioner requests that the 3rd floor female toilets be converted to gender neutral. They do not request converting any male toilets.

Note: The Petitioner wishes to utilize the term gender-inclusive to describe the facilities. As part of the variance, the Petitioner proposes installing additional privacy strips along with additional sanitary waste

dispensers. A breakdown of how many fixtures were required by the Code was not provided. As this is a State project, no Board of Health petitioning is required.

PV-122: UMASS – GOODELL BUILDING – 140 HICKS WAY - AMHERST

The Petitioner, Blakely Smith is seeking a variance from 248 CMR 10.10 to allow the conversion of two multi-stall rest rooms into gender neutral bathrooms in an office building. The Petitioner's submissions indicate the two rooms in question are on the 4th floor, one is currently a men's bathroom with 2 toilets and 5 urinals, the other is a women's bathroom with 5 toilets.

Note: The Petitioner wishes to utilize the term gender-inclusive to describe the facilities. As part of the variance, the Petitioner proposes installing additional privacy strips along with additional sanitary waste dispensers. The Petitioner also indicates a future plan to remove urinals. A breakdown of how many fixtures were required by the Code was not provided. As this is a State project, no Board of Health petitioning is required.

PV-123: UMASS – FINE ARTS CENTER – 151 PRESIDENT'S DRIVE - AMHERST

The Petitioner, Blakely Smith is seeking a variance from 248 CMR 10.10 to allow the conversion of several multi-stall rest rooms to gender neutral bathrooms in an arts center. The Petitioner's submissions indicate the building in question has the following current layout and will make the following changes:

Sub-Basement – 3 single user gender neutral bathrooms, 1 male bathroom with 2 toilets and 2 urinals, the proposal is for the male bathroom to be converted to gender neutral;

Basement – 4 male bathrooms with 11 toilets, 11 urinals, 4 female bathrooms with 14 toilets, the proposal is for one male bathroom and one female bathroom, each with 2 fixtures (the male includes one urinal), to be converted to gender neutral;

1st floor – 3 male bathrooms with 4 toilets, 3 urinals, 3 female bathrooms with 5 toilets, the proposal is for one male bathroom and one female bathroom, each with 1 fixture (no urinals), to be converted to gender neutral;

2nd floor – 3 male bathrooms with 4 toilets, 3 urinals, 3 female bathrooms with 5 toilets, the proposal is for one male bathroom and one female bathroom, the female with 2 toilets, the male with 1 toilet and 2 urinals, to be converted to gender neutral;

3rd floor – 1 male bathroom with 1 toilet, 1 urinal, 1 female bathroom with 1 toilet, no changes

4th floor – 2 male bathrooms with 5 toilets, 7 urinals, 2 female bathrooms with 5 toilets, the proposal is for one male bathroom and one female bathroom, the female with 2 toilets, the male with 2 toilets and 3 urinals, to be converted to gender neutral;

Note: The Petitioner wishes to utilize the term gender-inclusive to describe the facilities. As part of the variance, the Petitioner proposes installing additional privacy strips along with additional sanitary waste dispensers. The Petitioner also indicates a future plan to remove urinals. A breakdown of how many fixtures were required by the Code was not provided. As this is a State project, no Board of Health petitioning is required.

PV-124: UMASS – HASBROUCK LABORATORY – 666 N. PLEASANT STREET - AMHERST

The Petitioner, Blakely Smith is seeking a variance from 248 CMR 10.10 to allow the conversion of two multi-stall rest rooms to gender neutral bathrooms in a classroom and office building. The Petitioner's submissions indicate the building in question has the following current layout and will make the following changes:

Basement – 2 male bathrooms with 3 toilets and 4 urinals, 2 female bathrooms with 5 toilets, the proposal is for one male bathroom and one female bathroom, the male bathroom containing 2 toilets and 3 urinals, the female bathroom containing 3 toilets, to be converted to gender neutral;

1st floor – 1 male bathroom with 2 toilets, 3 urinals, 1 female bathroom with 2 toilets, no changes proposed;

2nd floor – 1 male bathroom with 3 toilets, 2 urinals, 1 female bathroom with 2 toilets, 2 gender neutral single user bathrooms, no changes proposed;

3rd floor – 1 male bathroom with 2 toilets, 2 urinals, 1 female bathroom with 2 toilets, no changes proposed;

Note: The Petitioner wishes to utilize the term gender-inclusive to describe the facilities. As part of the variance, the Petitioner proposes installing additional privacy strips along with additional sanitary waste

dispensers. The Petitioner also indicates a future plan to remove urinals. A breakdown of how many fixtures were required by the Code was not provided. As this is a State project, no Board of Health petitioning is required.

PV-125: UMASS – MACHMER HALL – 240 HICKS WAY - AMHERST

The Petitioner, Blakely Smith is seeking a variance from 248 CMR 10.10 to allow the conversion of two multi-stall bathrooms to gender neutral in a classroom and office building. The Petitioner's submissions indicate the building in question has the following current layout and will make the following changes:

1st floor – 1 male bathroom with 3 toilets and 3 urinals, 1 female bathroom with 4 toilets, no changes proposed;

2nd floor – 1 male bathroom with 4 toilets and 5 urinals, 1 female bathroom with 6 toilets, 2 single user gender neutral bathrooms, no changes proposed;

3rd floor – 2 male bathrooms with 5 toilets and 7 urinals, 2 female bathrooms with 7 toilets, the proposal is to convert one female bathroom with one toilet into gender neutral (code allowed if equally done to a male bathroom), and to convert one male bathroom with one toilet and one urinal into gender neutral.

4th floor – 1 male bathroom with 1 toilets and 1 urinals, 1 female bathroom with 1 toilet, no changes proposed.

Note: The Petitioner wishes to utilize the term gender-inclusive to describe the facilities. As part of the variance, the Petitioner proposes installing additional privacy strips along with additional sanitary waste dispensers. The Petitioner also indicates a future plan to remove urinals. A breakdown of how many fixtures were required by the Code was not provided. As this is a State project, no Board of Health petitioning is required.

PV-126: UMASS - MORRILL SCIENCE CENTER – 611-639 N. PLEASANT STREET - AMHERST

The Petitioner, Blakely Smith is seeking a variance from 248 CMR 10.10 to allow the conversion of several multi-stall rest rooms to gender neutral bathrooms in a science complex. The Petitioner's submissions indicate the building in question has the following current layout and will make the following changes:

1st floor – 3 male bathrooms with 6 toilets, 7 urinals, 3 female bathrooms with 8 toilets, the proposal is for one male bathroom with 2 toilets and 4 urinals and one female bathroom with 3 toilets, to be converted to gender neutral;

2nd floor – 4 male bathrooms with 8 toilets, 10 urinals, 4 female bathrooms with 10 toilets and a single female urinal, and two single user gender neutral bathrooms, the proposal is for one male bathroom and one female bathroom, the female with 2 toilets and the female urinal, the male with 2 toilets and 3 urinals, to be converted to gender neutral;

3rd floor – 4 male bathrooms with 8 toilets, 9 urinals, 4 female bathrooms with 9 toilets and a single female urinal, the proposal is for 2 male bathrooms and 2 female bathrooms to be converted to gender neutral. One of the male and one of the female bathrooms are single user, thus no variance is required, the other male bathroom to be converted has 2 toilets, 3 urinals, the female bathroom to be converted has 2 toilets and the single female urinal.

Note: The Petitioner wishes to utilize the term gender-inclusive to describe the facilities. As part of the variance, the Petitioner proposes installing additional privacy strips along with additional sanitary waste dispensers. The Petitioner also indicates a future plan to remove urinals. A breakdown of how many fixtures were required by the Code was not provided. As this is a State project, no Board of Health petitioning is required.

PV-127: UMASS - STUDENT CAMPUS CENTER – 41 CAMPUS CENTER WAY - AMHERST

The Petitioner, Blakely Smith is seeking a variance from 248 CMR 10.10 to allow the conversion of two existing multi-stall rest rooms on the second floor of a student activity center to gender neutral. The existing installations contains two male restrooms with 6 toilets and 9 urinals, and two female restrooms with 13 toilets. The proposal would be to convert one male bathroom and one female bathroom, the female with 3 toilets, the male with 1 toilet and 4 urinals, to be converted to gender neutral.

Note: The Petitioner wishes to utilize the term gender-inclusive to describe the facilities. As part of the variance, the Petitioner proposes installing additional privacy strips along with additional sanitary waste

dispensers. The Petitioner also indicates a future plan to remove urinals. A breakdown of how many fixtures were required by the Code was not provided. As this is a State project, no Board of Health petitioning is required.

PV-118: DCAMM – MASSACHUSETTS STATE HOUSE – 24 BEACON STREET - BOSTON

The Petitioner, Vincent Cirigliano is seeking a variance from 248 CMR 10.10 (18) to allow the renovation of the existing men's and ladies rest rooms for the State Senate Chamber and convert them both to Gender Neutral rest rooms. Each room had a single toilet, lavatory, and shower stall, the men's room had an additional urinal. The Petitioner intends to make these rest rooms handicap accessible for employees only, however in doing so the number of fixtures will be reduced below the number required by the plumbing code. As this is a State project, no Board of Health petitioning is required.

PV-133: DCAMM – MASSACHUSETTS STATE HOUSE – 24 BEACON STREET - BOSTON

The Petitioner, Vincent Cirigliano is seeking a variance from 248 CMR 10.10 (18) to allow the replacement of existing plumbing fixtures with new low flow fixtures as part of an energy upgrade without increasing the number of fixtures to the amount currently required by 248 CMR. The Petitioner states that existing conditions do not meet the code requirements for required numbers of plumbing fixtures or travel distances to bathrooms. As this is a State project, no Board of Health petitioning is required.

PV-128: NRJP LLC – 7 TANTALLON ROAD - ANDOVER

The Petitioner, Kenneth Feyl is seeking a variance from 248 CMR 10.09 to allow the installation of overhead doors for a new parking garage without floor drains and a separator. The Petitioner proposes to sheet drain the entire garage parking area to a site drainage system due to the property being located within the flood plain for the Shawsheen River where flooding has occurred in the past. The Andover Board of health supports this request.

PV-129: WILMINGTON FAMILY CHIROPRACTIC – 299 MAIN STREET - WILMINGTON

The Petitioner, Stephen Jensen is seeking a variance from 248 CMR 10.10 to allow the installation of one unisex accessible rest room for staff and patients in lieu of providing separate facilities. The proposed space is 1,560 sq. ft. and will typically be occupied by 3-6 individuals including patients and staff. The Wilmington Board of health supports to this request.

PV-132: DORCHESTER BEER HOLDINGS LLC – 1250 MASSACHUSETTS AVENUE - BOSTON

The Petitioner, Travis Lee is seeking a variance from 248 CMR 10.10 for a taproom which serves alcohol, snacks, and periodically hosts food trucks to not to require additional plumbing fixtures be installed. The facility contains 4 bathrooms, one having 4 urinals, the other three each having a toilet and has an occupancy of 166 persons. The Petitioner requests to be permitted to have special events twice a month which would host up to 406 persons, in lieu of additional fixtures, the Petitioner would like to indefinitely utilize portable toilets for these events due to a concrete floor making additional bathroom installations difficult. Boston Inspectional Services is aware of this request.

PV-134: SATTLER COLLEGE – 100 CAMBRIDGE STREET - BOSTON

The Petitioner, Nicole Hathaway is seeking a variance from 248 CMR 10.10 (18) to utilize two drinking water supply stations in lieu of code requirements for five based on the maximum occupancy load of 360 students. As this is a State project, no Board of Health petitioning is required.

PV-135: WELLNESS IN MOTION – 1620 BEACON STREET - BROOKLINE

The Petitioner, Gary Dewolfe is seeking a post installation variance from 248 CMR 10.10 to allow the installation of one unisex accessible rest room for staff and patients in lieu of the required two. The office area is 1,387 sq. ft. and contains four treatment rooms, one acupuncture room and one massage room. The shower

depicted on the plans was strictly for use by the tenant. The Brookline Board of health has no objections to this request.

GV-136: Greater Lawrence Sanitary District – North Andover

The Petitioner, Paul Dionne is seeking a post installation variance for a digester gas piping system that was installed without ensuring compliance with the gas code. The Petitioner has assumed responsibility for all installed gas work and will ensure all necessary remedial corrections are made with consultation of a properly licensed Massachusetts engineer. As this is a gas variance, no board of health petition is required.

GV-137: Greater Lawrence Sanitary District – North Andover

The Petitioner, Daniel Flaherty, is seeking relief from NFPA 5.6.2.2.1 as adopted pursuant to 248 CMR 5.05(6). The Petitioner indicates that High Density Polyethylene (HDPE) natural gas piping was installed below grade after the master meter. The existing HDPE piping is rated for 100 PSI and distributes natural gas at 15 PSI to multiple buildings on campus. The Petitioner requests to use the HDPE Piping below grade from the points of connection to existing HDPE piping to the point where it comes above grade, at which point welded steel piping will be used. The Petitioner indicates that this is necessary due to the lack of availability of approved products to convert from HDPE piping to welded steel piping suitable for below grade installation. The Petitioner states that HDPE piping is rated for use in buried applications at a maximum operating pressure of 100 PSI, which meets the maximum allowable working pressure of 100 PSI and 15 PSI distribution pressure required for this application. As this is a gas variance, no board of health petition is required.

FYI – Board Delegated Staff Approvals – Board Vote Not Required

Full operation of unlisted gas equipment

DAGV38 – Hanover Insurance Co.-440 Lincoln St. – Worcester – New gas train boiler #3

DAGV47 – Callaway Golf Ball Operations – 425 Meadow St. – Chicopee – Dyne-A-Flame 200 Surface Treater

DAGV94 – L.J. Linen – 71 Allen St. – Springfield – Sheet ironing and folding unit

DAGV248 – Yup Coffee Roasters – 296 Nonotuck St. – Northampton – Joper BSR 15 Coffee Roaster and afterburner

EXECUTIVE SESSION

CHARACTER REVIEW(S)

CR1) AB CR2) JE CR3) JH CR4) CF CR5) CH

BOARD WILL CONSIDER ANY MATTERS NOT REASONABLY ANTICIPATED BY THE CHAIR:

Note:

Reasonable accommodations or modifications will be provided to enable individuals with disabilities to participate in this Plumbing Board meeting. **All requests should be submitted to Cheryl Yebba at (617)-727-4992 no later than one (1) week prior to the scheduled Board Meeting.** While the Board of Examiners of Plumbers & Gas Fitters will attempt to honor all requests, those requests received after that date may not be provided due to feasibility.