ACCUMULATIVE SUPPLEMENT TO THE 2015 OMAHA PLUMBING CODE

The following pages represent a supplemental summary of amendments to the effectively adopted plumbing code and have been reviewed by the City of Omaha Plumbing Board of Review. These amendments add to, clarify, delete or revise errors to the adopted 2015 Omaha Plumbing Code as passed by the City Council, the 2015 Omaha Plumbing Code, and hereby published on November 4, 2015.

As you may know, the new code has undergone a major re-organization from the previous 2010 edition. As in all code adoption processes, a few typographical and formatting errors have come to our attention. These errors are to be addressed by this supplement pending submittal to the City Council for formal adoption.

Please check our website for the most current update as we will publish these corrections (and others as they arise) to the City of Omaha Plumbing Board web site: http://www.cityofomaha.org/planning/boards/plumbing-board/policiescodesformsapplications

The following list describes the known errors and modifications for the correct application of the 2015 Omaha Plumbing Code. If, in your review, or use of the plumbing code, you find sections, or illustrations, with which you have concerns, please contact me directly.

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Sec. 49-606. Dishwashing machines.

The following provisions shall be followed:

(a) Residential dishwashing machines:

(1) Shall conform to ASSE 1006.

(2) The discharge piping shall have hangers as shown in figure 49-606(a)(2).

(3) Does not add to the fixture unit load of a waste line when discharging through a wye branch tail piece on the sink waste or disposal for a single dishwasher. A second dishwasher may be connected to the sink but the fixture unit load of the dishwasher shall be added to that of the sink. There shall be no more than two dishwashers connected to a single kitchen sink with the discharge piping as shown in figure 49-606(a)(3).

(4) The water supply shall be protected against backflow and shall be independently valved.
(5) The maximum distance for the waste shall be as recommended by the manufacturer.

(b) Commercial dishwashing machines:

(1) Shall conform to ASSE 1004.

(2) Shall be piped as an indirect waste. (see figure 49-606(b)(2)).

(3) Shall be protected against backflow.

(4) Hot water shall be heated to a minimum of one hundred and 155 degrees Fahrenheit as measured at the connection to the dishwasher. If necessary, a booster heater may be installed at the dishwasher to maintain temperature.

Sec. 49-701. Establishments where food or drink is manufactured, prepared, sold or distributed.

(f) At least one three-compartment sink with at least one drain plumbing board shall be installed.

Note: In the 2010 OPC for occupancies of assembly and mercantile with eight or more water closets and urinals an additional unisex family use restroom was required. A change was made in the 2015 in section 49-708 to six or more water closets and urinals. However this was not changed in section 49-720. We will enforce the requirement in section 49-708 and submit the change to section 49-720 to council.

Sec. 49-708. Unisex restrooms.

(d) Family use restrooms.

(2) Required: In occupancies of assembly and mercantile where all handicapped and non-handicapped fixture requirements for occupancy have been satisfied and where a total of six or more water closets and urinals are required for occupancy, there shall be an additional separate restroom for family use. For each additional 20 required water closets and urinals thereafter, one additional family use restroom shall be provided.
Sec. 49-720. Determining fixture count.

(f) Family Use Restrooms: For assembly and mercantile occupancies where all handicapped and non-handicapped fixture requirements for occupancy have been satisfied and where a total of **eight six or more water closets and urinals** are required for that occupancy, there shall be an additional separate restroom for family use. For each additional 20 required water closets and urinals thereafter, one additional family use restroom shall be provided. The Family Use restroom shall be located adjacent to the required restrooms. See section 49-708 concerning unisex restrooms.

**Note:** The numbers highlighted in red below where deleted from the draft copy by accident before being sent to council. The numbers all refer to table 722-5A and are required to identify the Business Category/Type of Business. Enclosed is a new table 49-722(5A) that should help clear this up.

Sec. 49-721. Occupancy Groups.

The provisions and tables contained in section 49-722 shall apply to the following occupancy groups as listed below:

Assembly Group A:

A-1 Assembly table 49-722(1) or table 49-722(2)
A-2 Assembly table 49-722(1) or table 49-722(2)

Exceptions:

Restaurants (main business food): table 49-722(3)
Night clubs, taverns and bars (main business drink): table 49-722(4)

A-3 Assembly table 49-722(1) or table 49-722(2)

Exceptions:

Amusement arcades: tables 49-722(5A) **Business Category A5**, 49-722(5B), 49-722(5C)
Art galleries: table 49-722(6)
Gymnasiums (without spectator seating): table 49-722(7)
Indoor swimming pools (without spectator seating): table 49-722(7)
Indoor tennis courts (without spectator seating): table 49-722(7)

A-4 Assembly: table 49-722(1) or table 49-722(2)

A-5 Assembly: table 49-722(1) or table 49-722(2)
Business Group B: table 49-722(5A) Business Category A3, 49-722(5B), 49-722(5C)

Exceptions:

Animal hospitals, kennels and pounds: table 49-722(5A) Business Category A7, 549-722(5B), 49-722(5C) (subtract the area of the kennels from the gross area) See section 49-710 for additional requirements.
Dry cleaning and laundries: pick-up and delivery stations and self-service: table 49-722(6)
Educational occupancies for students above the 12th grade: table 49-722(8A), 49-722(8B), 49-722(8C)

Barber and beauty shops: 49-722(6) (total number of stations equal number of people)
Motor vehicle showrooms: table 49-722(6)
Training and skill development not within a school or academic program: table 8

Educational Group E: table 49-722(8)

Factory Industrial Group F: table 49-722(5A) Business Category A1, 549-722(5B), 49-722(5C)
High-hazard Group H table 49-722(5A) Business Category A1, 549-722(5B), 49-722(5C) for all except motor vehicle repair shops table 49-722(5A) Business Category A8, 549-722(5B), 49-722(5C)

Institutional Group I

Group I-1. table 49-722(10)

Group I-2:

Child care facilities: table 49-722(8A), 49-722(8B), 49-722(8C)
Detoxification facilities: table 49-722(10)
Hospitals: table 49-722(10)
Mental hospitals: 49-722(10)
Nursing homes: 49-722(10)

Group I-3. Plumbing fixtures requirement shall follow the Standards according to the American Correctional Association.

Group I-4, day care facilities. table 49-722(8A), 49-722(8B), 49-722(8C)

Mercantile Group M table 49-722(6)

R-1 Residential occupancies containing sleeping units where the occupants are primarily transient in nature, including:
Boarding houses: table 49-722(9)

Hotels and Motels: with conference room(s) table 49-722(1) or table 49-722(2), without conference room(s) table 49-722(5A) Business Category A3, 549-722(5B), 49-722(5C)

R-2 Residential occupancies containing sleeping units or more than two dwelling units where the occupants are primarily permanent in nature, including:

Apartment houses: section 49-702
Convents: table 49-722(9)
Dormitories: table 49-722(9)
Fraternities and sororities: table 49-722(9)
Monasteries: table 49-722(9)

R-3 Residential occupancies where the occupants are primarily permanent in nature and not classified as Group R-1, R-2, R-4 or I, including:

Buildings that do not contain more than two dwelling units: section 49-702
Child care facilities that provide accommodations for five or fewer persons of any age for less than 24 hours: section 49-702
Adult care and child care facilities that are within a single-family home are permitted to comply with the International Residential Code: section 49-702

Storage Group S

Storage Group S not classified as a hazardous occupancy.
With an office (office area only): table 49-722(5A) Business Category A3, 49-722(5B), 49-722(5C)

<table>
<thead>
<tr>
<th>Business Category</th>
<th>Use Type</th>
<th>Occupant Load Factor SF/Person</th>
<th>Multiply By</th>
<th>Combined Factor</th>
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<td>A1</td>
<td>Industrial/Manuf.</td>
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<tr>
<td>A2</td>
<td>Warehouse</td>
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<td>A3</td>
<td>Professional Offices</td>
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<tr>
<td>A4</td>
<td>Telemarketing/Data Entry</td>
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<td>100</td>
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<tr>
<td>A5</td>
<td>Exercise Rooms</td>
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<td>A6</td>
<td>Hospital Employee Areas</td>
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<td>A7</td>
<td>Clinic/Medical Offices</td>
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<tr>
<td>A8</td>
<td>Motor Vehicle Repair</td>
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<td>300</td>
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</tbody>
</table>

Note: Under Table 49-722 (8A) the occupant load factor for schools was left out, use 35 sq. ft. per students.

Note: Note #3 under Table 49-722 (8B) should read:
Note 3: Facilities for school staff shall be separate and in addition to those for the students using table 49-722(5A) (5B)

Here are some questions we have received and our response.

Question: The distance is exactly 198'-8" as shown, measured from center of door to center of door is this correct?

Answer: Yes., the travel distance is measured correctly.

Question: The 2015 Municipal Plumbing Code indicates different load factors for education classrooms based on their size. We have two questions. First, if a classroom is 769 sf (between 600 sf small and 900 sf medium), which load factor should we apply? Second, it seems that the load factors might be transposed, as the numbers are not sequential when going from large to medium to small.

Answer: Section 49-722, Tables 8A & 8B should be used for all traditional education/school facilities. Table 8C is to be used only for collaborative learning facilities where classroom instruction often extends outside of the classroom space into common areas such as enlarged corridors and specifically designed gathering areas where simultaneous occupancy and reduced class size can skew the occupant load assessments for plumbing fixtures.

Question: On Table 49-722 (5A), there are different load factors based on the Type of Business. Is there a page that identifies what types “A1” through “A8” represent?

Answer: Section 49-721 should identify each use category aligned with occupancy as defined by the IBC. However, after review of previous drafts, and what came back from legal and is posted online, those references have been removed. I have copied the previous version below If you are unsure about a designation, please contact us, and we will assign the appropriate use group.

We have tried to assign occupancy groups and uses in parallel with the IBC. Tables are then assigned back to the standard tables. I have
highlighted occupancy/uses associated with Table 5. Please see below per Section 49-721:

Question: What are the requirements for a family restroom in a school?

Answer: While Note 5 (Under Table 49-722 (8C) allows for the restrooms that serves the general school population to accommodate the requirement for auditoriums, gyms, athletic fields and swimming pools, the requirements for a family use restroom for assembly in Section 49-708 and 49-720 will need to be meet.