

Plumbing Transition Commission

April 14th, 2015

1:30 PM

8181 Independence Blvd

Baton Rouge, Louisiana 70806

Meeting Minutes

The Chair welcomed all present and **called the meeting to order at 1:44 pm**

The Pledge of Allegiance was recited.

The Chair requested a roll call of the members which reflected the following:

Members Present: S. Maher; M. Wich, C. Benjamin; R. Kothe;
T. Smith; T. Crawford; Mr. Barker; Mr. Arnold

Members Absent:

Notice of Absence:

8 members present and 0 members absent constitute a Quorum.

Review and Adoption of the Minutes from the March 24th, 2015 meeting.

A **motion** was made by Mr. Kothe to adopt the minutes from the March 24th, 2015 meeting and received a **second** from Ms. Benjamin. Notation of small amended change from Mr. Baker to Mr. Barker in the Member's Present area. The chair requested a vote of the members present the vote reflected 8 Is and 0 nays, and the **minutes were adopted.**

The Chair reminded the Commission that the next meeting was scheduled for April 21st, 2015. 7979 Independence Blvd, Rm 308 (OMV Building @ 1:30 pm)

The Chair opened the floor to the first discussion on a tabled item from the previous meeting. Ms. Benjamin addressed the concerns from the Commission concerning the amending of 2012 IPC Section 603.2 and the adding of P2910.1 to the IRC – Separation of Water Service as stated below:

603.2 Separation of water service and ~~building~~ sewer lines.

Underground ~~W~~water service pipe and the *building drain or building sewer* shall *horizontally* separated by not less than 5 feet (1524mm) of undisturbed or compacted earth.

Exceptions:

1. The required separation distance shall not apply where the bottom of the water service pipe within 5 feet (1524 mm) of the sewer is not less than 12 inches (305 mm) above the top of the highest point of the sewer and the *sewer* pipe materials conformed to Table 702.3

2. Water service pipe is permitted to be located in the same trench with a *building drain or building sewer*, provided such sewer is constructed of materials listed in Table 8702.2 and the water service pipe is placed on a solid shelf excavated at one side of the common trench. The bottom of the water service pipe, at all points, shall be at least 12 inches (305mm) above the top of the sewer line at its highest point.

3. Any underground water service pipe which must cross a pipe that conveys sewage (e.g. building drains, building sewers, and other piping conveying sewage) shall have a minimum separation of 12 inches (305 mm) above the top of the sewer. ~~The required separation distance shall not apply where a water service pipe crosses a sewer pipe, provided~~ The water service pipe shall be sleeved to a point not less than 5 feet (1524 mm) horizontally from the sewer pipe centerline on both sides of such crossing with pipe materials listed in Table 605.3, 702.2 or 702.3.

Create new Section P2910 in the 2012 IRC as follows:

P2910 SEPERATION OF WATTER SERVICE FROM CONTAMINATION

P2910.1 Separation of water service and sewer lines.

Underground water service pipe and the building drain or building sewer shall be horizontally separated by not less than 5 feet (1524 mm) of undisturbed or compacted earth.

Exceptions:

1. *The required separation distance shall not apply where the bottom of the water service pipe within 5 feet (1524 mm) of the sewer is not less than 12 inches (305 mm) above the top of the highest point of the sewer and the sewer pipe materials conformed to Table P3002.2*

2. *Water service pipe is permitted to be located in the same trench with a building drain or building sewer, provided such sewer is constructed of materials listed in Table P3002.1(2) and the water service pipe is placed on a solid shelf excavated at one side of the common trench. The bottom of the water service pipe, at all points, shall be at least 12 inches (305mm) above the top of the sewer line at its highest point.*

3. *Any underground water service pipe which must cross a pipe that conveys sewage (e.g. building drains, building sewers, and other piping conveying sewage) shall have a minimum separation of 12 inches (305 mm) above the top of the sewer. The water service pipe is shall be sleeved to a point not less than 5 feet (1524 mm) horizontally from the sewer pipe centerline on both sides of such crossing with pipe materials listed in Table P2905.4, P3002.1(2), or P3002.2.*

A **motion** was made by Ms. Benjamin to amend the 2012 IPC 603.2 Separation of water service and lines and add a new Section to the 2012 IRC P2910.1 as noted below. The **motion was seconded** by Mr. Smith. The Chair requested a roll call vote of the members present. The vote reflected 8 Yes, 0 No's, the **motion was adopted**.

The Chair noted that there would be a guest speaker Mr. Shawn Mullen on Traps and Interceptors. Mr. Mullen was running late so the Chair noted that the Commission would proceed with discussion on proposed changes and recommendations. Mr. Mullen's presentation would be moved to later in the meeting in order to make sure the Commission had time to cover needed material. He also noted that Mr. Barker had informed him he would need to leave earlier than the end time of the meeting, so this would also allow for him to be present to cover the material in Chapter 7 and 8.

The Chair opened the floor for discussion on proposed recommendations to amend the 2012 IPC as follows:

DELETE the following definition from Section 202 (General Definitions) of the 2012 IPC:

~~**INDIVIDUAL SEWAGE DISPOSAL SYSTEM.** A system for disposal of domestic sewage by means of a septic tank, cesspool or mechanical treatment, designed for utilization apart from a public sewer to serve a single establishment or building.~~

ADD the following definition into Section 202 (General Definitions) of the 2012 IPC:

INDIVIDUAL SEWERAGE SYSTEM. Any system of piping (excluding the building drain and building sewer), and/or collection and/or transport system which serves one or more connections, and/or pumping facility, and treatment facility, all located on the property where the sewage originates; and which utilizes the individual sewerage system technology which is set forth in LAC 51:XIII.Chapter 7.Subchapter B, or a commercial treatment facility which is specifically authorized for use by the state health officer.

COMMERCIAL TREATMENT FACILITY. Any treatment facility which is required by the state health officer whenever the use of an individual sewerage system is unfeasible or not authorized.

COMMUNITY SEWERAGE SYSTEM. Any sewerage system which serves multiple connections and consists of a collection and/or pumping system/transport system and treatment facility.

701.2 Sewer required.

Buildings in which plumbing fixtures are installed and premises having sanitary drainage system piping shall be connected to a ~~public sewer~~ community sewerage system, where available, or an approved private sewage disposal system commercial treatment facility or individual sewerage system in accordance with the ~~International Private Sewage Disposal Code~~ meeting the requirements of LAC 51:XIII.(Sewage Disposal).

701.3 Separate Sewer Connection.

A building having plumbing fixtures installed and intended for human habitation, occupancy or use on premises abutting on a street, alley or easement in which there is a ~~public sewer~~ community sewerage system shall have a separate connection with the sanitary sewer. Where located on the same lot, multiple buildings shall not be prohibited from connecting to a common sanitary building sewer that connects to the ~~building sewer~~ community sewerage system.

The Chair noted that the recommendation referenced the Administrative Code and confirmed that was permissible to do from Counsel. Mr. Wich noted he did not see the need to change the code; he did a need to reference the Administrative Code. Mr. Barker voiced concerns that the Commission take precautions and be careful not to affect Chapter 13 in the sanitary code.

A motion was made by Ms. Benjamin to delete line “in accordance with the international private sewage disposal code” and adding the language “meeting the requirements of LAC 51:13XIII Sewage Disposal” to the 2012 IPC Section 701.2 and 2012 IRC for Potable Water Supply. The **motion was seconded** by Mr. Smith. The Chair requested a roll call vote of the members present. The vote reflected 8 Yes, 0 No’s, the **motion was adopted.**

A motion was made by Ms. Benjamin to amend and add the definitions (outline on Pgs. 1/2 of handout IPC Chapter 7 and Related IRC Review – Sanitary Drainage dated 3/24/015) for Individual Sewerage System, Commercial Treatment Facility, Community Sewerage System and amending 701.2 and 701.3 to amend the language to match. The **motion as seconded** by Mr. Smith. The Chair requested a roll call vote of the members present. The vote reflected 4 Yes, 4 No’s, the **motion was moved to the LSUCCC for consideration.**

The Chair opened the floor for discussion of proposal and recommendations to amend the 2012 IRC as follows:

DELETE the following definition from Section 202 (General Definitions) of the 2012 IRC:

~~**INDIVIDUAL SEWAGE DISPOSAL SYSTEM.** A system for disposal of domestic sewage by means of a septic tank or mechanical treatment, designed for use apart from a **public sewer** to serve a single establishment or building.~~

ADD the following definition into Section 202 (General Definitions) of the 2012 IRC:

INDIVIDUAL SEWERAGE SYSTEM. Any system of piping (excluding the building drain and building sewer), and/or collection and/or transport system which serves one or more connections, and/or pumping facility, and treatment facility, all located on the property where the sewage originates; and which utilizes the individual sewerage system technology which is set forth in LAC 51:XIII.Chapter 7.Subchapter B, or a commercial treatment facility which is specifically authorized for use by the state health officer.

COMMERCIAL TREATMENT FACILITY. Any treatment facility which is required by the state health officer whenever the use of an individual sewerage system is unfeasible or not authorized.

COMMUNITY SEWERAGE SYSTEM. Any sewerage system which serves multiple connections and consists of a collection and/or pumping system/transport system and treatment facility.

A motion was made by Ms. Benjamin to add the definitions as noted above for Individual Sewerage System, Commercial Treatment Facility, and Community Sewerage System. The Chair opened the floor for discussion. After discussion Ms. Benjamin to requested to pull her motion and table for further research until the next meeting. The Chair honored her request. The motion was tabled.

The Chair opened the floor for discussion on recommended proposal of the 2012 IPC Section to amend 701.8 Engineered systems and 701.9 Drainage piping in Food Service Areas as noted below and on handout - IPC Chapter 7 and Related IRC Review – Sanitary Drainage dated 3/24/015.

701.8 Engineered systems. Engineered sanitary drainage systems shall conform to the provisions of Section 316 and 714. *Single stack plumbing systems may be considered for approval by the code official for use on the upper floors of hotel and motel guest rooms but shall not be approved for condominium or apartment complexes.*

701.9 Drainage piping in food service areas.

Exposed soil or waste piping, *including vacuum drainage systems*, shall not be installed above any *working food preparation areas, food or utensil storage areas* or eating surfaces in food service establishments *unless they are adequately shielded to intercept potential drips.*

A **motion** was made by Ms. Benjamin to amend the language of the 2012 IPC Section 701.8 Engineered Systems as proposed by DHH as noted above. The **motion was seconded** by Mr. Smith. The Chair opened the floor for discussion. The Chair requested a roll call voter of the members present. The vote reflected 4 Yes, 4 No, the **motion was moved to the LSUCCC for consideration.**

Mr. Barker spoke on behalf of the recommendation. Mr. Wich reference wording in Section 316, which the current code references, and the fact that it already addresses that the design professional with having the responsibility to address the concerns. He questioned why the recommendation was made since it would limit the design professional and it eliminates certain occupancies therefore limiting the design professional's duties. Mr. Kothe also noted that if there were changes to the occupancy then a permit should be required and therefore the system would have to come into compliance with the new code requirements.

A **motion** was made by Ms. Benjamin to amend the language of the 2012 IPC Section 701.9 Drainage piping in food service areas, as proposed by DHH as noted above. The Chair opened the floor for discussion. The **motion was seconded** by Mr. Smith. The Chair opened the floor for discussion. The Chair requested a roll call voter of the members present. The vote reflected 8 Yes, 0 No, the **motion was adopted.**

Mr. Roberts (ICC) and Mr. Jeremy Harris (DHH) spoke concerning the amended change to Section 701.9. After discussion by the commission members and those attending from the audience the Chair requested a vote of the members which is reflected above.

The Chair opened the floor for discussion on recommendations to amend Section 702.5 of the 2012 IPC. This recommendation was to list appropriate corrosion resistant drainage piping Standards in Section 702.5 of the IPC. This would reduce the potential for standard, non-corrosion resistant, DWV piping to be utilized on chemical waste systems. The amended language for Section 702.5 of the 2012 IPC would be as follows:

702.5 Chemical waste system.

A chemical waste system shall be completely separated from the sanitary drainage system. The chemical waste shall be treated in accordance with Section 803.2 before discharging to the sanitary drainage system. ~~Separate drainage systems for chemical wastes and vent pipes shall be of an approved material that is resistant to corrosion and degradation for the concentrations of chemicals involved.~~ *Chemical waste piping for drainage systems shall be of a high silicon cast iron complying with ASTM A 518/A 518M, borosilicate glass complying with ASTM C 1053, chlorinated poly (vinyl chloride) (CPVC) complying with ASTM F 2618, polyolefin pipe complying with ASTM F 1412, polyvinylidene fluoride (PVDF) complying with ASTM F 1673, or other materials approved by the plumbing official. The material shall be resistant to corrosion and degradation for the concentrations of chemicals involved. Joints shall be made in conformance with the manufacturer's recommendations.*

A **motion** was made by Mr. Maher to keep 702.5 as it stands and create a Table 702.5 Chemical Waste Systems that list the materials as outlined in DHH submitted – IPC Chapter and Related IRC Review – Sanitary Drainage Dated 3/24/15 Page 3. The **motion was seconded** by Mr. Kothe. The Chair opened the floor for discussion. The Chair requested a roll call voter of the members present. The vote reflected 8 Yes, 0 No, the **motion was adopted**.

The Chair opened the floor for discussion for recommendation by DHH to add a new Section to the 2012 IPC – 703.6 and IRC P3001.4 to ensure all building sewers are a minimum of 4-inches. See below for stated verbiage of new recommended sections:

Add new Section in the 2012 IPC:

703.6 Minimum Size Building Sewer. No building sewer shall be less than 4 inches in size with the exception of force lines.

Add new Section in the 2012 IRC:

P3001.4 Minimum Size Building Sewer. No building sewer shall be less than 4 inches in size with the exception of force lines.

A **motion** was made by Ms. Benjamin to add new Section to 2012 IPC Section 703.6 Minimum Size Building Sewer and 2012 IRC Section P3001.4 Minimum Size Building Sewer, as proposed in DHH submitted – IPC Chapter and Related IRC Review – Sanitary Drainage Dated 3/24/15 Page 3, as noted above. The **motion was seconded** by Mr. Smith. The Chair opened the floor for discussion. The Chair requested a vote of the members present. The vote reflected 7 Yes, 1 No, the **motion was adopted**.

The Chair opened the floor for discussion for recommendation by DHH to amend Sections 706.2 Obstructions – in the 2012 IPC as noted below. The recommendation of amending the IPC and IRC is in order to prohibit the use of various fittings with short turns which can choke flow and cause sewer blockages.

706.2 Obstructions. A fitting or connection which offers abnormal obstruction to flow shall not be permitted. Any fittings or connection which has an enlargement, chamber, or recess with a shall not have ledges, shoulders or reductions of pipe area capable of retarding or obstructing flow in the drainage piping is prohibited. Threaded drainage pipe fittings shall be of the recessed drainage type. This section shall not be applicable to tubular waste fittings used to convey vertical flow upstream of the trap seal liquid level of a fixture trap. The enlargement of a 3-inch closet bend or stub to 4 inches shall not be considered an obstruction.

TABLE 706.3 FITTINGS FOR CHANGE IN DIRECTION

TYPE OF FITTING PATTERN	CHANGE IN DIRECTION		
	Horizontal to vertical	Vertical to horizontal	Horizontal to horizontal
Sixteenth bend	X	X	X
Eighth bend	X	X	X
Sixth bend	X	X	X
Quarter bend	X	X ^a	X ^a
Short sweep	X ^{b,d}	X^{a,b}	X^a
Long sweep	X	X	X
Sanitary tee	X ^{c,e}	—	—
Wye	X	X	X
Combination wye and eighth bend	X	X	X

For SI: 1 inch = 25.4 mm

a. The fittings shall only be permitted for a 2-inch or smaller fixture drain.

b. Three inches or larger.

c. For a limitation on double sanitary tees, see Section 706.3.

d. Also allowed for offsets between the ceiling and the next floor above.

e. Shall not be used on a horizontal drainage line as a takeoff fitting for a vent.

A **motion** was made by Ms. Benjamin to amend Section 706.2 in its entirety of the 2012 IPC - Obstructions, as proposed in DHH submitted – IPC Chapter and Related IRC Review – Sanitary Drainage Dated 3/24/15 Page 4 and as noted above. The **motion was seconded** by Mr. Smith. The Chair opened the floor for discussion and after a lengthy discussion the Chair requested a roll call voter of the members present. The vote reflected 2 Yes, 6 No, the **motion failed**.

Discussion included that Page 4, 5, 6 of the handout IPC Chapter and Related IRC Review – Sanitary Drainage may need to be addressed separately. The Chair requested that each section be voted on separately; however, original vote of Page 4 Section 706.2 and Table 706.3 stands as voted on above.

The Chair opened the floor for discussion on deleting Section 706.4 Heel or side inlet quarter bends for the 2012 IPC.

~~706.4 Heel or side inlet quarter bends.~~

~~Heel inlet quarter bends shall be an acceptable means of connection, except where the quarter bend serves a water closet. A low heel inlet shall not be used as a wet vented connection. Side inlet quarter bends shall be an acceptable means of connection for drainage, wet venting and stack venting arrangements.~~

A **motion** was made by Ms. Benjamin to amend Section 706.4 - Heel or side inlet quarter bends. The **motion was seconded** by Mr. Smith. The Chair opened the floor for discussion and after a lengthy discussion the Chair requested a roll call voter of the members present. The vote reflected 4 Yes, 4 No, the **motion was sent to the LSUCCC for consideration.**

The Chair called for a 5 minutes recess and once they return Mr. Mullen will make his presentation to the commission once everyone returns. The Chair called the meeting to order at 2:46. He introduced the guest speaker Mr. Mullen from Suire Products.

The Chair opened discussion on recommended changes in language to Section 707, 707.1 and 707.3 as stated below:

SECTION 707 PROHIBITED FITTINGS, JOINTS AND CONNECTIONS

707.1 Prohibited fittings, joints and connections.

The following types of fittings, joints and connections shall be prohibited:

1. Cement or concrete joints.
2. Mastic or hot-pour bituminous joints.
3. Joints made with fittings not approved for the specific installation.
4. Joints between different diameter pipes made with elastomeric rolling O-rings.
- 5 Solvent-cement joints between different types of plastic pipe.
6. Saddle-type fittings.
7. *A straight tee branch shall not be used as a drainage fitting.*
8. *Heel or side inlet quarter bend fittings shall not be used in the drainage or vent system.*
9. *Drainage or vent piping shall not be drilled or tapped unless approved by the plumbing official.*
10. *A fitting having a hub in the direction opposite to flow shall not be used in the drainage system, unless the pipe is cut by either a saw or snap cutter, which will assure clean, smooth cuts of the pipe.*
11. *Running threads and bands shall not be used in the drainage system.*

707.3 Increasesers and Reducers. Where different sizes of pipes or pipes and fittings are to be connected, the proper size increasesers or reducers or reducing fittings shall be used between the two sizes.

A **motion** was made by Ms. Benjamin to amend and add the language to Section 707, 707.1 and add 707.3 as noted in the above text. The **motion was seconded** by Mr. Smith. The Chair opened the floor for public comment. The Chair requested a roll call vote of the members present. The vote reflect 3 Yes, 4 No, the **motion failed.**

The Chair opened the floor for recommendation from DHH to amend Table P3005.1 of the 2012 IRC and strike out Sections P3005.1.2 and P3005.1.3 as noted below:

TABLE P3005.1 FITTINGS FOR CHANGE IN DIRECTION

TYPE OF FITTING PATTERN	CHANGE IN DIRECTION		
	Horizontal to vertical	Vertical to horizontal	Horizontal to horizontal
Sixteenth bend	X	X	X
Eighth bend	X	X	X
Sixth bend	X	X	X
Quarter bend	X	X ^a	X ^a
Short sweep	X ^{b,d}	X ^{a,b}	X ^a
Long sweep	X	X	X
Sanitary tee	X ^{c,e}	—	—
Wye	X	X	X
Combination wye and eighth bend	X	X	X

For SI: 1 inch = 25.4 mm.

a. The fittings shall only be permitted for a 2-inch or smaller fixture drain.

b. Three inches and larger.

c. For a limitation on multiple connection fittings, see Section P3005.1.1.

d. Also allowed for offsets between the ceiling and the next floor above.

e. Shall not be used on a horizontal drainage line as a takeoff fitting for a vent.

~~P3005.1.2 Heel or side-inlet quarter bends, drainage.~~

~~Heel inlet quarter bends shall be an acceptable means of connection, except where the quarter bends serves a water closet. A low heel inlet shall not be used as a wet vented connection. Side inlet quarter bends shall be an acceptable means of connection for both drainage, wet venting and stack venting arrangements.~~

~~P3005.1.3 Heel or side-inlet quarter bends, venting.~~

~~Heel inlet or side inlet quarter bends, or any arrangement of pipe and fittings producing a similar effect, shall be acceptable as a dry vent where the inlet is placed in a vertical position. The inlet is permitted to be placed in a horizontal position only where the entire fitting is part of a dry vent arrangement.~~

A **motion** was made by Ms. Benjamin to amend Table P3005.1 Fittings For Change In Direction in the 2012 IRC, as proposed in DHH submitted – IPC Chapter and Related IRC Review – Sanitary Drainage Dated 3/24/15 Pages 5 and 6 and as noted above. The **motion was seconded** by Mr. Smith. The Chair opened the floor for discussion. The Chair requested a roll call voter of the members present. The vote reflected 2 Yes, 5 No, the **motion failed**.

A **motion** was made by Ms. Benjamin to remove Sections P3005.1.2 and P3005.1.3 in its entirety of the 2012 IRC, as proposed in DHH submitted – IPC Chapter and Related IRC Review – Sanitary Drainage Dated 3/24/15 Pages 6 and as noted on previous page of minutes. The **motion was seconded** by Mr. Smith. The Chair opened the floor for discussion. The Chair requested a roll call voter of the members present. The vote reflected 3 Yes, 4 No, the **motion failed**.

The Chair opened discussion on recommendation by DHH to amend Section P3003.2 for the 2012 IRC as noted below.

P3003.2 Prohibited Fittings, joints and connections.

Running threads and bands shall not be used in the drainage system. Drainage and vent piping shall not be drilled, tapped, burned or welded.

The following types of joints and connections shall be prohibited:

1. Cement or concrete.
2. Mastic or hot-pour bituminous joints.
3. Joints made with fittings not *approved* for the specific installation.
4. Joints between different diameter pipes made with elastomeric rolling O-rings.
5. Solvent-cement joints between different types of plastic pipe.
6. Saddle-type fittings.
7. *A straight tee branch shall not be used as a drainage fitting.*
8. *Heel or side inlet quarter bend fittings shall not be used in the drainage or vent system.*
9. *Drainage or vent piping shall not be drilled or tapped unless approved by the plumbing official.*
10. *A fitting having a hub in the direction opposite to flow shall not be used in the drainage system, unless the pipe is cut by either a saw or snap cutter, which will assure clean, smooth cuts of the pipe.*

P3003.2.1 Obstruction to Flow. A fitting or connection which offers abnormal obstruction to flow shall not be permitted. Any fittings or connection which has an enlargement, chamber, or recess with a ledge, shoulders or reductions of pipe area capable of retarding or obstructing flow in the drainage piping is prohibited. Threaded drainage pipe fittings shall be of the recessed drainage type. This section shall not be applicable to tubular waste fittings used to convey vertical flow upstream of the trap seal liquid level of a fixture trap. The enlargement of a 3-inch closet bend or stub to 4 inches shall not be considered an obstruction.

P3003.2.2 Increases and Reducers. Where different sizes of pipes or pipes and fittings are to be connected, the proper size increasers or reducers or reducing fittings shall be used between the two sizes.

A **motion** was made by Ms. Benjamin to amend Sections under P3003.2, including P3003.2.1 and P3003.2.2 as noted above and as proposed in DHH submitted handout – IPC Chapter and Related IRC Review – Sanitary Drainage Dated 3/24/15 Page 6 and 7. The **motion was seconded** by Mr. Smith. The Chair opened the floor for discussion. The Chair requested a roll call voter of the members present. The vote reflected 3 Yes, 4 No, the **motion failed**.

The Chair opened discussion on recommendations by DHH to amend Section 708.3 of the 2012 IPC – Where required. Recommendations provided by DHH, are to amend the IPC and IRC as shown below in order to ensure cleanouts are provided at appropriate intervals. This will make the drainage system more accessible for maintenance and line cleaning and will help prevent costly repairs for home and business owners. See noted amended section below:

Amend the following Sections of the 2012 IPC:

708.3 Where required. - Cleanouts shall be located in accordance with Sections 708.3.1 through 708.3.6.

708.3.1 Horizontal drains within buildings. ~~All horizontal drains shall be provided with cleanouts located not more than 100 feet (30 480 mm) apart.~~ *Horizontal drains within buildings shall be provided with cleanouts as follows:*

1. *All horizontal drains 3-inch nominal diameter or less, cleanouts shall be located at not more than 50 feet (15 200mm) intervals.*
2. *For horizontal drains 4-inch nominal diameter through 6-inch nominal diameter, cleanouts shall be located at not more than 80 feet (24 400mm) intervals.*
3. *Horizontal drains larger than 6-inch nominal diameter shall be provided with cleanouts located at not more than 100 feet (30 480 mm) intervals.*

708.3.2 Building sewers. - Building sewers *4-inch nominal diameter through 6-inch nominal diameter* shall be provided with cleanouts located not more than ~~100 feet (30 480 mm)~~ *80 feet (24 400mm)* apart measured from the upstream entrance of the cleanout. For building sewers 8 inches (203 mm) and larger, manholes shall be provided and located not more than 200 feet (60 960 mm) from the junction of the *building drain* and *building sewer*, at each change in direction and at intervals of not more than 400 feet (122 m) apart. Manholes and manhole covers shall be of an *approved* type.

708.3.3 Changes of direction. - ~~Cleanouts shall be installed at each change of direction greater than 45 degrees (0.79 rad) in the building sewer, building drain and horizontal waste or soil lines. Where more than one change of direction occurs in a run of piping, only one cleanout shall be required for each 40 feet (12 192 mm) of developed length of the drainage piping.~~ *Each horizontal drainage pipe shall be provided with a cleanout at the upstream end of the pipe and in changes of direction over 45° (0.785 rad).*

Exceptions. *The following plumbing arrangements are acceptable in lieu of the upstream cleanout:*

- i. *"P" traps connected to the drainage piping with slip joints or ground joint connections;*
- ii. *"P" traps into which floor drains, shower drains or tub drains with removable strainers discharge;*
- iii. *"P" traps into which the straight through type waste and overflow discharge with the overflow connecting to the branch of the tee;*
- iv. *"P" traps into which residential washing machines discharge;*
- v. *test tees or cleanouts in a vertical pipe above the flood-level rim of the fixtures that the horizontal pipe serves and not more than 4-feet (1219 mm) above the finish floor.*

708.3.4 Base of stack. - A cleanout shall be provided at the base of each waste or soil *stack*.

708.3.5 Building drain and building sewer junction. - There shall be a cleanout near within 6 feet (1829 mm) of the junction of the *building drain* and the *building sewer*. The cleanout shall be either inside or outside the building wall and shall be brought up to the finished ground level or to the basement floor level. An *approved* two-way cleanout is allowed to be used at this location to serve as a required cleanout for both the *building drain* and *building sewer*. ~~The cleanout at the junction of the *building drain* and *building sewer* shall not be required if the cleanout on a 3-inch (76 mm) or larger diameter soil *stack* is located within a *developed length* of 10 feet (3048 mm) of the *building drain* and *building sewer* connection.~~ The minimum size of the cleanout at the junction of the *building drain* and *building sewer* shall comply with Section 708.7.

A **motion** was made by Ms. Benjamin to amend Sections 708.3 Cleanouts through Section 708.3.5 as noted above and as proposed in DHH submitted handout – IPC Chapter and Related IRC Review – Sanitary Drainage Dated 3/24/15 Page 7, 8 and 9. The **motion was seconded** by Mr. Smith. The Chair opened the floor for discussion. The Chair requested a roll call voter of the members present. The vote reflected 5 Yes, 2 No, the **motion was adopted**.

Amend the following Sections of the 2012 IRC with the same amendments proposed for the 2012 IPC:

P3005.2.2 Spacing Horizontal Drains within buildings.

Cleanouts shall be installed not more than 100 feet (30 480 mm) apart in horizontal drainage lines measured from the upstream entrance of the cleanout. ~~Horizontal drains within buildings shall be provided with cleanouts as follows:~~

1. All horizontal drains 3-inch nominal diameter or less, cleanouts shall be located at not more than 50 feet (15 200mm) intervals.
2. For horizontal drains 4-inch nominal diameter through 6-inch nominal diameter, cleanouts shall be located at not more than 80 feet (24 400mm) intervals.
3. Horizontal drains larger than 6-inch nominal diameter shall be provided with cleanouts located at not more than 100 feet (30 480 mm) intervals.

P3005.2.4 Change of direction.

Cleanouts shall be installed at each fitting with a change of direction more than 45 degrees (0.79 rad) in the *building sewer*, *building drain* and horizontal waste or soil lines. Where more than one change of direction occurs in a run of piping, only one cleanout shall be required in each 40 feet (12 192 mm) of *developed length* of the drainage piping. ~~Each horizontal drainage pipe shall be provided with a cleanout at the upstream end of the pipe and in changes of direction over 45° (0.785 rad).~~

Exceptions. The following plumbing arrangements are acceptable in lieu of the upstream cleanout:

- i. "P" traps connected to the drainage piping with slip joints or ground joint connections;
- ii. "P" traps into which floor drains, shower drains or tub drains with removable strainers discharge;
- iii. "P" traps into which the straight through type waste and overflow discharge with the overflow connecting to the branch of the tee;
- iv. "P" traps into which residential washing machines discharge;
- v. test tees or cleanouts in a vertical pipe above the flood-level rim of the fixtures that the horizontal pipe serves and not more than 4-feet (1219 mm) above the finish floor.

P3005.2.7 Building drain and building sewer junction.

There shall be a cleanout ~~near~~*within 6 feet (1829 mm)* of the junction of the *building drain* and *building sewer*. This cleanout shall be either inside or outside the building wall, provided that it is brought up to finish grade or to the lowest floor level. An *approved* two-way cleanout shall be permitted to serve as the required cleanout for both the *building drain* and the *building sewer*. ~~The cleanout at the junction of the *building drain* and *building sewer* shall not be required where a cleanout on a 3-inch (76 mm) or larger diameter soil stack is located within a *developed length* of 10 feet (3048 mm) of the *building drain* and *building sewer* junction.~~

A **motion** was made by Ms. Benjamin to amend Sections P3005.2.2 Horizontal Drains within Buildings through Section P3005.2.7 as noted above and as proposed in DHH submitted handout – IPC Chapter and Related IRC Review – Sanitary Drainage Dated 3/24/15 Page 9 and 10. The **motion was seconded** by Mr. Smith. The Chair opened the floor for discussion. The Chair requested a roll call voter of the members present. The vote reflected 5 Yes, 2 No, the **motion was adopted**.

The Chair requested to table the recommendations noted from page 10 through Page 16 of the 2012 IPC Chapter 7 and Related IRC Review – Sanitary Drainage handout Dated 3/24/2015 to the next meeting. The commission members present agreed.

The Commission discussed possible meeting date changes in the month of May. The next two meeting dates will be May 5th and May 27th. May 5th location will be at 7919 Independence Blvd, Room 308 Baton Rouge, LA. The May 27th meeting location will be provided on confirmation of whether it can be held at the State Fire Marshal's Office or would need to be moved to Room 308 at the OMV Building.

With no other items on the agenda and no motion to accept other business, a **motion** was made by Mr. Maher to adjourn. The motion was seconded by Ms. Benjamin. With no objection, the meeting was adjourned at 4:01 p.m.

END OF MINUTES