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May 16, 2016

William H. Hudson, CBO, MCP
Building Official
Village of Oak Brook
1200 Oak Brook Road
Oak Brook, Illinois 60523

**RE: Draft Ordinance Submittal Review
Village of Oak Brook**

Dear Mr. Hudson:

The Illinois Department of Public Health (“IDPH” or “Department”) has reviewed the submittals provided by the Village of Oak Brook (the “Village”), received on May 12, 2016, for local amendments related to the Illinois Plumbing Code (the “Code”; 77 Ill. Adm. Code 890). Pursuant to Section 36 of the Illinois Plumbing License Law (the “Law”; 225 ILCS 320/36) and Section 750.800(b) of the Illinois Plumbers Licensing Code (68 Ill. Adm. Code 750.800(b)), IDPH is authorized to review and approve proposed ordinances of governmental units related to the design of plumbing materials and the operation and maintenance of plumbing systems. The Village’s proposed local amendments have been individually reviewed and the following are tentatively approved by the Department:

- Section 890.230 Safe Pan Material and Construction is amended by deleting item (i) “ABS” from subsection a); (ii) “ABS or” from subsection a)4); and (iii) “ABS and” from subsection a) 5).
- Section 890.320 Types of Joints is amended by:
 - Deleting from subsection h) “An extracted mechanical joint may be made in copper tube types K or L only for water distribution. The joint shall be made with a mechanical extraction tool and joined by brazing. To prevent the branch tube from being inserted beyond the depth of the extracted joint, depth stops shall be provided. This joint shall be for above-ground use only.”; and
 - Deleting subsection k), entitled “Bituminized Fiber Joints,” in its entirety
 - Deleting subsection 2), entitled “Joints and Fittings in Plastic Pipe,” in its entirety, from subsection l), entitled “Plastic Pipe Joints.”
 - Deleting subsection n), entitled “No-Hub Soil Pipe Joints,” in its entirety.
- Section 890.330 Special Joints. Is amended by:
 - Deleting from subsection (c), entitled “Slip Joints”, “or chlorinated polyvinyl chloride (CPVC)”
 - Deleting subsection 1), entitled “Pressure Piping,” from subsection g), entitled “Plastic Pipe to Non-Plastic Pipe Joints”, in its entirety.

- Deleting subsection 2)B), providing “No-hub soil pipe shielded couplings with approved adaptor having a raised bead;” from Subsection g), entitled “Plastic Pipe to Non-Plastic Pipe Joints”, in its entirety.
- Section 890.510 Grease Interceptor requirements is amended by replacing subsection 2), entitled “Minimum Size,” of subsection a), with the following: “Minimum Size. A grease interceptor installed on the same floor as the fixture shall have 100 percent the liquid holding capacity of the fixture. A grease interceptor located on a floor below the fixture shall have 100 percent of the liquid-holding capacity of the fixture. To determine the liquid-holding capacity in gallons of a plumbing fixture, the length is multiplied by the width by the height in inches and divided by 231. Where two or more sinks or receptacles are connected to an interceptor the liquid holding capacity shall be based on the combined volume of the fixtures served.”
- Section 890.630 Installation is amended by replacing the last sentence of subsection e) entitled “Potable Water Supply Connection,” with the following: “Where present, each lavatory sink faucet shall have supply pipes that are accessible.”
- Section 890.640 Prohibited Fixtures is amended by replacing subsection a) with the following: “Drinking fountains shall not be installed in public toilet rooms, colonic irrigation therapy rooms, or laboratories for removing flood, pus, or other bodily fluids.”
- Addition of a new Section 890.746 to read as follows:
 - “Section 890.746 Colonic Irrigation Units
 - a) Colonic irrigation systems connected to the water supply shall be provided with backflow protection.
 - b) A reduced pressure principle backflow assembly conforming to ASSE 1013, or a fixed air gap, shall be installed on each colonic irrigation unit or group of colonic irrigation units.
 - c) If a colonic irrigation unit has a water outlet below the flood rim level of an attached drain, then an approved reduced principle pressure backflow preventer assembly, a fixed air gap, an air vent hole, or an approved vacuum breaker shall protect the water supply from each unit.”
- Section 890.1140 Special Applications and Installations is amended by adding to the end of subsection d), entitled “Lawn Sprinklers”, the following: “All new plumbing fixtures and irrigation controllers installed after the effective date of this ordinance shall bear the WaterSense label (as designated by the U.S. Environmental Protection Agency WaterSense Program), when such labeled fixtures are available.”
- In Section 890.1140 Special Applications and Installations insert in subsection 1) A) of subsection h), entitled “Aspirators”, the following: “, colonic irrigation rooms” between “dental offices” and “and laboratories for removing blood.”
- Section 890.1150 Water Service Pip Installation is amended by replacing subsection 3) of subsection a), with the following: “3) The minimum depth for any water service pipe shall be at least 60 inches.”
- Section 890.1200 Water Service Sizing. Replace subsection a), entitled “Water Service Pipe Sizing,” with the following: “a) Water Service Pipe Sizing. The water service pipe from the street

main (including the tap) to the water distribution system for the building shall be sized in accordance with Appendix A, Tables M, N, O, P, and Q. Water service pipe and fittings shall be at least 1 inch diameter. If flushometers or other devices requiring a high rate of water flow are used, the water service pipe shall be designed and installed to provide this additional flow.”

- Section 890.1230 Safety Devices subsection 2) of subsection d) is amended by adding “but no closer than as specified in Appendix A, Table C,” between “receptor” and “the end.””
- Section 890. Illustrations for Subpart I replace “Relief valve discharge piping lower end to be open with a minimum 6” air gap” with the following: “Relief valve discharge piping lower end to be open with a maximum 6” air gap but no closer than as specified in Appendix A, Table C.”
- Section 890.1320 Drainage System Installation is amended by deleting from section 1) the following: “and fittings for circuit vented fixtures.”
- Section 890.1340 Determination of Sizes for Drainage System is amended by replacing subsection 2) of subsection b) with the following: ““2) Pressure building drains may be installed to prevent sewer back up in a basement, cellar, crawl space or other area where any portion of the floor surface is below grade. Pressure-building drains shall not be used where gravity drains may otherwise be installed. Pressure-building drains shall be sized in accordance with the ejector pump manufacturer's recommendation, but shall not be less than 2 inches in diameter.”

In subsection 4) of subsection b), replace “2 inches” with “4 inches.”

- Section 890.1370 Floor drains is amended subsection b) by replacing “2 inches” with “4 inches”.
- Addition of a new Section 890.1390 to read as exhibited in Attachment 1.
- Section 890.1450 Vent Grades and Connections is amended by deleting subsection d).
- Section 890.1490 Type of Fixture Trap Vents is amended by deleting subsections c) and d).
- Section 890.1500 Installation of Wet Venting is deleted in its entirety.
- Section 890.1520 Circuit and Loop venting is deleted in its entirety.
- Section 890. Table A Approved Materials and Standards is amended by:
 - Deleting items 1, 10, and 12 under “Approved Building Drainage/Vent Pipe”.
 - Deleting items 1, 4, and 8-12 under “Approved Materials for Water Service Pipe.”
 - Deleting items 2, 5, and 7-9 under “Approved Materials for Water Distribution Pipe.”
- Section 890. Table B Minimum Number of Plumbing Fixtures is amended to read as exhibited in Attachment 2.
- Section 890.1490 Installation of Vents for Fixture Traps is amended by adding the following:

“Section 890.1490 Installation of Vents for Fixture Traps

- a) Hydraulic Gradient. Fixture drains shall be vented within the hydraulic gradient between the trap outlet and the junction with another drain. The hydraulic gradient as applied to a gravity drain and its vent connection is interpreted as the grade line.
- b) Different Level. If any stack has fixtures entering at different levels, the fixtures other than the fixtures entering at the highest level shall be vented except as otherwise provided. (see Section 890.1510.)
- c) Horizontal Branch Drains. Where a water closet discharges into a branch drain, each fixture discharging into that branch drain shall be individually vented.”

To proceed please provide your tentatively approved local ordinances to your village board or council for adoption. Once adopted the Village of Oak Brook shall provide a certified copy of the adopted ordinance, accompanied by a letter acknowledging that IDPH-approved ordinances are subject to Section 750.800 of the Plumbers Licensing Code, to IDPH. Whereupon, IDPH will issue Certificates of Approval for the IDPH-approved local ordinance amendments.

Please refer any questions concerning the approval process to Darrah Dunlap, Public Health Policy Analyst, at darrah.dunlap@illinois.gov or 217-785-2065.

Best Regards,



Justin DeWitt, P.E., LEED AP
Chief, General Engineering

Attachment #1

service pipe and fittings shall be at least 1 inch diameter. If flushometers or other devices requiring a high rate of water flow are used, the water service pipe shall be designed and installed to provide this additional flow.”

11. Section 890.1230 Safety Devices. In subsection 2) of subsection d), entitled “Relief Discharge Outlet,” add “but no closer than as specified in Appendix A, Table C,” between “receptor” and “the end,”.

12. Section 890. Illustrations for Subpart I. In Illustration L and Illustration M, replace “RELIEF VALVE DISCHARGE PIPING LOWER END TO BE OPEN WITH A MINIMUM 6” Air Gap” with the following: “RELIEF VALVE DISCHARGE PIPING LOWER END TO BE OPEN WITH A MAXIMUM 6” AIR GAP BUT NO CLOSER THAN AS SPECIFIED IN APPENDIX A, TABLE C.”

13. Section 890.1320 Drainage System Installation. Delete from subsection l), entitled “Fixture Connections”, “and fittings for circuit vented fixtures”.

14. Section 890.1340 Determination of Sizes for Drainage System. Replace subsection 2) of subsection b), entitled “Minimum Size of Building Drain, Horizontal Branches, Drainage Piping”, with the following:

“2) Pressure building drains may be installed to prevent sewer back up in a basement, cellar, crawl space or other area where any portion of the floor surface is below grade. Pressure-building drains shall not be used where gravity drains may otherwise be installed. Pressure-building drains shall be sized in accordance with the ejector pump manufacturer's recommendation, but shall not be less than 2 inches in diameter.”

In subsection 4) of subsection b), entitled “Minimum Size of Building Drain, Horizontal Branches, Drainage Piping”, replace “2 inches” with “4 inches”.

15. Section 890.1370 Floor Drains. In subsection b), entitled “Size,” replace “2 inches” with “4 inches”.

16. Add a new Section 890.1390 as follows:

“Section 890.1390

1. Building Subdrains. Building subdrains that cannot be discharged to the sewer by gravity flow shall be discharged into a tightly covered and vented sump from which the liquid shall be lifted and discharged into the building gravity drainage system by automatic pumping equipment or other approved method. In other than existing structures, the sump shall not receive drainage from any piping within the building capable of being discharged by gravity to the building sewer.

Exception: Sanitary pump (ejector) pits with overhead drainage may be installed to prevent sewer back up in a basement, cellar, crawl space, or other area where any portion of the floor surface is below grade.

2. Valves Required. A check valve and a full open valve located on the discharge side of the check valve shall be installed in the

pump or ejector discharge piping between the pump or ejector and the gravity drainage system. Access shall be provided to such valves. Such valves shall be located above the sump cover or, where the discharge pipe from the ejector is below grade, the valves shall be located outside the sump below grade in an access pit with a removable access cover.

3. Sump Design. The sump pump, pit, and discharge piping shall conform to the requirements of Sections 1390.3.1 through 1390.3.5.

a. Sump pump. The sump pump capacity and head shall be appropriate to anticipated use requirements.

b. Sump pit. The sump pit shall be not less than 18 inches (457 mm) in diameter and 24 inches (610 mm) deep, unless otherwise approved. The pit shall be accessible and located such that all drainage flows into the pit by gravity.

The sump pit shall be constructed of tile, concrete, steel, plastic or other approved materials. The pit bottom shall be solid and provide permanent support for the pump. The sump pit shall be fitted with a gas-tight removable cover adequate to support the anticipated loads in the area of use. The sump pit shall be vented in accordance with the Illinois Plumbing Code.

c. Discharge piping. Discharge piping shall meet the requirements of Section 1390.2.

d. Maximum effluent level. The effluent level control shall be adjusted and maintained to at all times prevent the effluent in the sump from rising within 2 inches (51mm) of the invert of the gravity drain inlet into the sump.

e. Ejector connection to the drainage system. Pumps connected to the drainage system shall connect to the building sewer or shall connect to a wye fitting in the building drain a minimum of 10 feet (3048 mm) from the base of any soil stack, waste stack or fixture drain. Where the discharge line connects into horizontal drainage piping, the connector shall be made through a wye fitting into the top of the drainage piping.

4. Sewage Pumps and Sewage Ejectors. A sewage pump or sewage ejector shall automatically discharge the contents of the sump into the building drainage system.

a. Reserved

b. Capacity. A sewage pump or sewage ejector shall have the capacity and head for the application requirements. Pumps or ejectors that receive the discharge of water closets shall be capable of handling spherical solids with a diameter of up to and including 2 inches (51

mm). Other pumps or ejectors shall be capable of handling spherical solids with a diameter of up to and including 1 inch (25.4 mm). The minimum capacity of a pump or ejector based on the diameter of the discharge pipe shall be in accordance with Table 1390.4.2.

Exceptions:

1. Grinder pumps or grinder ejectors that receive discharges of water closets shall have a minimum discharge opening of 1.25 inches (32 mm).
2. Macerating toilet assemblies that serve single water closets shall have a minimum discharge opening of 0.75 inch (19 mm).

TABLE 1390.4.2: MINIMUM CAPACITY OF SEWAGE PUMP OR SEWAGE EJECTOR

DIAMETER OF THE DISCHARGE PIPE (inches)	CAPACITY OF PUMP OR EJECTOR (g.p.m.)
2	21
2 ½	30
3	46

17. Section 890.1450 Vent Grades and Connections. Delete subsection d), entitled “Heel or Side-Inlet Bend”.

Section 890.1480 Type of Fixture Trap Vents. Delete subsections c) and d).

Section 890.1490 Installation of Vents for Fixture Traps (Repealed). Replace Section 890.1490 with the following:

“Section 890.1490 Installation of Vents for Fixture Traps.

- a) Hydraulic Gradient. Fixture drains shall be vented within the hydraulic gradient between the trap outlet and the junction with another drain. The hydraulic gradient as applied to a gravity drain and its vent connection is interpreted as the grade line.
- b) Different Level. If any stack has fixtures entering at different levels, the fixtures other than the fixtures entering at the highest level shall be vented, except as otherwise provided. (see Section 890.1510.)
- c) Horizontal Branch Drains. Where a water closet discharges into a branch drain, each fixture discharging into that branch drain shall be individually vented.”

18. Section 890.1500 Installation of Wet Venting. Delete Section 890.1500 in its entirety.

19. Section 890.1520 Circuit and Loop Venting. Delete Section 890.1520 in its entirety.

20. Section 890.TABLE A Approved Materials and Standards.

Delete numbers 1, 10, and 12 under “Approved Building Drainage/Vent Pipe”.

Delete numbers 1, 4, and 8-12 under “Approved Materials for Water Service Pipe”.

Delete numbers 2, 5, and 7-9 under “Approved Materials for Water Distribution Pipe.”

21. Section 890.TABLE B Minimum Number of Plumbing Fixtures. Add the following to Table B:

Type of Building	Medical or therapeutic occupancies where colonic irrigation or other similar activities occur
Water Closet	1 water closet- directly accessed from the treatment room- in addition to any other fixtures required by this code*
Lavatories	1 lavatory- in or accessed directly from the treatment room- in addition to any other fixtures required by this code.*
Drinking Fountains	Prohibited in the treatment room.
Other Fixtures	1 service sink per suite or office, in addition to any other fixtures required by this code.

*It is the intent of this section to allow a single toilet room to directly connect multiple treatment rooms- provided that there is no travel required through any adjacent hall, room, or other space.

Illinois Plumbing Code, 77 Ill. Admin. Code 890 et seq., amendments:

Section 890.510 Grease Interceptor Requirements. Is amended by replacing subsection 2), entitled “Minimum Size,” of subsection a), with the following:

“Minimum Size. A grease interceptor installed on the same floor as the fixture shall have 100 percent the liquid holding capacity of the fixture. A grease interceptor located on a floor below the fixture shall have 100 percent of the liquid-holding capacity of the fixture. To determine the liquid-holding capacity in gallons of a plumbing fixture, the length is multiplied by the width by the height in inches and divided by 231. Where two or more sinks or receptacles are connected to an interceptor the liquid holding capacity shall be based on the combined volume of the fixtures served.”

Section 890.630 Installation. Is amended by replacing the last sentence of subsection e, entitled “Portable Water Supply Connection,” with the following: “Where present, each lavatory sink faucet shall have supply pipes that are accessible.”

Section 890.640 Prohibited Fixtures. Is amended by replacing subsection a) with the following: “Drinking fountains shall not be installed in public toilet rooms, colonic irrigation therapy rooms, or laboratories for removing blood, pus or other bodily fluids.

Add a new section 890.746 as follows:

“Section 890.746 Colonic Irrigation Units.

- a) Colonic irrigation systems connected to the water supply shall be provided with backflow protection.
- b) A reduced pressure principle backflow assembly conforming to ASSE 1013, or a fixed air gap, shall be installed on each colonic irrigation unit or group of colonic irrigation units.
- c) If a colonic irrigation unit has a water outlet below the flood rim level of an attached drain, then an approved reduced principle pressure backflow preventer assembly, a fixed air gap, an air vent hole, or an approved vacuum breaker shall protect the water supply from each unit.”

Section 890.1140 Special Applications and Installations. Is amended by adding to the end of subsection d), entitled “Lawn Sprinklers”,
All new plumbing fixtures and irrigation controllers installed after the effective date of this ordinance shall bear the WaterSense label (as designated

by the U.S. Environmental Protection Agency WaterSense Program), when such labeled fixtures are available.”

Insert in subsection 1) A) of subsection h), entitled “Aspirators”, “, colonic irrigation rooms” between “dental offices and “and laboratories for removing blood”.

Section 890.1150 Water Service Pipe Installation. Replace subsection 3) of subsection a), entitled “Underground Water Service,” with the following:

“3) The minimum depth for any water service pipe shall be at least 60 inches.”

Section 890.1200 Water Service Sizing. Replace subsection a), entitled “Water Service Pipe Sizing,” with the following:

“a) Water Service Pipe Sizing. The water service pipe from the street main (including the tap) to the water distribution system for the building shall be sized in accordance with Appendix A, Tables M, N, O, P and Q. Water service pipe and fittings shall be at least 1 inch diameter. If flushometers or other devices requiring a high rate of water flow are used, the water service pipe shall be designed and installed to provide this additional flow.”

Section 890.1230 Safety Devices. In subsection 2) of subsection d), entitled “Relief Discharge Outlet,” add “but no closer than as specified in Appendix A, Table C,” between “receptor” and “the end,”.

Section 890. Illustrations for Subpart I. In Illustration L and Illustration M, replace “RELIEF VALVE DISCHARGE PIPING LOWER END TO BE OPEN WITH A MINIMUM 6” Air Gap” with the following: “RELIEF VALVE DISCHARGE PIPING LOWER END TO BE OPEN WITH A MAXIMUM 6” AIR GAP BUT NO CLOSER THAN AS SPECIFIED IN APPENDIX A, TABLE C.”

Section 890.1320 Drainage System Installation. Delete from subsection 1), entitled “Fixture Connections”, “and fittings for circuit vented fixtures”.

Section 890.1340 Determination of Sizes for Drainage System. Replace subsection 2) of subsection b), entitled “Minimum Size of Building Drain, Horizontal Branches, Drainage Piping”, with the following:

“2) Pressure building drains may be installed to prevent sewer back up in a basement, cellar, crawl space or other area where any portion of the floor surface is below grade. Pressure-building drains shall not be used where gravity drains may otherwise be installed. Pressure-building drains shall be

sized in accordance with the ejector pump manufacturer's recommendation, but shall not be less than 2 inches in diameter.”

In subsection 4) of subsection b), entitled “Minimum Size of Building Drain, Horizontal Branches, Drainage Piping”, replace “2 inches” with “4 inches”.

Section 890.1370 Floor Drains. In subsection b), entitled “Size,” replace “2 inches” with “4 inches”.

Add a new Section 890.1390 as follows:

“Section 890.1390

Section 1390.1 Building Subdrains. Building subdrains that cannot be discharged to the sewer by gravity flow shall be discharged into a tightly covered and vented sump from which the liquid shall be lifted and discharged into the building gravity drainage system by automatic pumping equipment or other approved method. In other than existing structures, the sump shall not receive drainage from any piping within the building capable of being discharged by gravity to the building sewer.

Exception: Sanitary pump (ejector) pits with overhead drainage may be installed to prevent sewer back up in a basement, cellar, crawl space, or other area where any portion of the floor surface is below grade.

Section 1390.2 Valves Required. A check valve and a full open valve located on the discharge side of the check valve shall be installed in the pump or ejector discharge piping between the pump or ejector and the gravity drainage system. Access shall be provided to such valves. Such valves shall be located above the sump cover or, where the discharge pipe from the ejector is below grade, the valves shall be located outside the sump below grade in an access pit with a removable access cover.

Section 1390.3 Sump Design. The sump pump, pit, and discharge piping shall conform to the requirements of Sections 1390.3.1 through 1390.3.5.

1390.3.1 Sump pump. The sump pump capacity and head shall be appropriate to anticipated use requirements.

1390.3.2. Sump pit. The sump pit shall be not less than 18 inches (457 mm) in diameter and 24 inches (610 mm) deep, unless otherwise approved. The pit shall be accessible and located such that all drainage flows into the pit by gravity.

The sump pit shall be constructed of tile, concrete, steel, plastic or other approved materials. The pit bottom shall be solid and provide permanent support for the pump. The sump pit shall be fitted with a gas-tight removable cover adequate to support the anticipated loads in

the area of use. The sump pit shall be vented in accordance with the Illinois Plumbing Code.

1390.3.3 Discharge piping. Discharge piping shall meet the requirements of Section 1390.2.

1390.3.4 Maximum effluent level. The effluent level control shall be adjusted and maintained to at all times prevent the effluent in the sump from rising within 2 inches (51mm) of the invert of the gravity drain inlet into the sump.

1390.3.5 Ejector connection to the drainage system. Pumps connected to the drainage system shall connect to the building sewer or shall connect to a wye fitting in the building drain a minimum of 10 feet (3048 mm) from the base of any soil stack, waste stack or fixture drain. Where the discharge line connects into horizontal drainage piping, the connector shall be made through a wye fitting into the top of the drainage piping.

1390.4 Sewage Pumps and Sewage Ejectors. A sewage pump or sewage ejector shall automatically discharge the contents of the sump into the building drainage system.

1390.4.1 Reserved

1390.4.2 Capacity. A sewage pump or sewage ejector shall have the capacity and head for the application requirements. Pumps or ejectors that receive the discharge of water closets shall be capable of handling spherical solids with a diameter of up to and including 2 inches (51 mm). Other pumps or ejectors shall be capable of handling spherical solids with a diameter of up to and including 1 inch (25.4 mm). The minimum capacity of a pump or ejector based on the diameter of the discharge pipe shall be in accordance with Table 1390.4.2.

Exceptions:

1. Grinder pumps or grinder ejectors that receive discharges of water closets shall have a minimum discharge opening of 1.25 inches (32 mm).
2. Macerating toilet assemblies that serve single water closets shall have a minimum discharge opening of 0.75 inch (19 mm).

TABLE 1390.4.2: MINIMUM CAPACITY OF SEWAGE PUMP OR SEWAGE EJECTOR

DIAMETER OF THE DISCHARGE	CAPACITY OF PUMP OR
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PIPE (inches)	EJECTOR (g.p.m.)
2	21
2 ½	30
3	46

Section 890.1450 Vent Grades and Connections. Delete subsection d), entitled “Heel or Side-Inlet Bend”.

Section 890.1480 Type of Fixture Trap Vents. Delete subsections c) and d).

Section 890.1490 Installation of Vents for Fixture Traps (Repealed).

Replace Section 890.1490 with the following:

“Section 890.1490 Installation of Vents for Fixture Traps.

- a) Hydraulic Gradient. Fixture drains shall be vented within the hydraulic gradient between the trap outlet and the junction with another drain. They hydraulic gradient as applied to a gravity drain and its vent connection is interpreted as the grade line.
- b) Different Level. If any stack has fixtures entering at different levels, the fixtures other than the fixtures entering at the highest level shall be vented, except as otherwise provided. (see Section 890.1510.)
- c) Horizontal Branch Drains. Where a water closet discharges into a branch drain, each fixture discharging into that branch drain shall be individually vented.”

Section 890.1500 Installation of Wet Venting. Delete Section 890.1500 in its entirety.

Section 890.1520 Circuit and Loop Venting. Delete Section 890.1520 in its entirety.

Section 890.TABLE A Approved Materials and Standards.

Delete numbers 1, 4, and 8-12 under “Approved Materials for Water Service Pipe”.

Section 890.TABLE B Minimum Number of Plumbing Fixtures. Add the following to Table B:

Type of Building	Medical or therapeutic occupancies where colonic irrigation or other similar activities occur
Water Closet	1 water closet- directly accessed from the treatment room- in addition to any other fixtures required by this code*
Lavatories	1 lavatory- in or accessed directly from the treatment room- in addition to any other fixtures required by this code.*
Drinking Fountains	Prohibited in the treatment room.
Other Fixtures	1 service sink per suite or office, in addition to any other fixtures required by this code.

*It is the intent of this section to allow a single toilet room to directly connect multiple treatment rooms- provided that there is no travel required through any adjacent hall, room, or other space.