NATIONAL RESEARCH COUNCIL OF CANADA

ASSOCIATE COMMITTEE ON THE
NATIONAL BUILDING CODE

REVISIONS
to the
CANADIAN PLUMBING CODE
1970

(Incorporating changes from Change Series No. 3 to the
National Building Code of Canada 1970)

Ottawa
October 1973

REVISIONS

to the
Canadian Plumbing Code 1970

The Associate Committee on the National Building Code recommends that the following revisions be inserted in all copies of the 1970 edition of the Canadian Plumbing Code.

Page	Code Requirement	Revision
vi	List of Illustrations	Delete reference to Figure 9.
1	2.1.1.2.	In the first line between "the" and "vertical" in definition for *"air gap"* insert "unobstructed".
3		Delete definition for *"backflow"* and substitute: *"Backflow* means a flowing back or reversal of the normal direction of the flow."
		Delete definition for *"backflow connection"*.
		Delete definition for *"backflow preventer"* and substitute: *"Backflow preventer* means a device or a method that prevents *backflow."*
		After definition for *"backflow preventer"*, add a new definition as follows:
		"Backwater valve means a check valve designed for use in a gravity *drainage system."*
4		After the definition for *"business and personal services occupancy"* add new definition as follows: *"Check valve* means a valve that permits flow in one direction but prevents a return flow."
5		In the first line of the definition for *"clear-water waste"*, delete the word "clear" after "means".
		Delete definition for *"combustible"* and substitute: *"Combustible* (as applying to an elementary building material) means that such material fails to conform to CSA B54.1-1972, Specification for Determination of Noncombustibility in Building Materials."
		Delete definition for *"critical level"* and substitute: *"Critical level* (as applying to *plumbing systems*) means the level of submergence at which the *back-siphonage preventer* ceases to prevent *back-siphonage."*
		Delete definition for *"developed length"* and substitute: *"Developed length* (as applying to *plumbing systems)* means the length along the centre line of the pipe and fittings."
7		In the definition for *"indirectly connected,"* delete "to a *drainage system"*.
8		Delete Figure 9.

Page	Code Requirement	Revision
9	2.1.1.2.	Delete the definition for *"main vent"*.
		Delete definition for *"noncombustible"* and substitute: *"Noncombustible* (as applying to an elementary building material) means that such material conforms to CSA B54.1-1972, 'Specification for Determination of Noncombustibility in Building Materials'."
10		At the end of the definition for *"plumbing system,"* add "or parts thereof".
11		Delete definition for *"relief vent"* and substitute: *"Relief vent* (as applying to plumbing systems) means an auxiliary vent which provides additional circulation of air between *drainage systems* and *venting systems."*
		Delete definition for *"sanitary drainage system"* and substitute: *"Sanitary drainage system* means a *drainage system* that conducts *sewage."*
		Delete definition for *"sanitary sewer"* and substitute: *"Sanitary sewer* means a sewer that conducts *sewage."*
12		Delete definition for *"stack vent"* and substitute: *"Stack vent"* means a *vent pipe* that connects the top of a *soil-or-waste stack* to a *header* or open air."
		Delete definition for *"storm building drain"* and substitute: *"Storm building drain* means a *building drain* that conveys *storm water."*
		Delete definition for *"storm building sewer"* and substitute: *"Storm building sewer* means a *building sewer* that conveys *storm water."*
		Delete definition for *"storm drainage system"* and substitute: *"Storm drainage system* means a *drainage system* that conveys *storm water."*
		Delete definition for *"storm sewer"* and substitute: *"Storm sewer* means a sewer that conveys *storm water."*
13		After the definition for *"waste pipe"* add new definition as follows: *"Water distribution system* means an assembly of pipes, fittings, valves and appurtenances that conveys water from the *water service pipe* or private water supply system to water supply outlets, *fixtures, appliances* and devices."
		Delete definition for *"water service pipe"* and substitute: *"Water service pipe* means a pipe that conveys water from a public water main or private water source to the inside of the *building."*
		Delete definition for *"water system"* and substitute: *"Water system* means a private water supply system, a *water service pipe,* a water distribution system or parts thereof."
14		In Figure 15 delete the reference to "main vent".
		In Figure 16 delete the reference to "main vent" and substitute "soil-or-waste stack".

Page	Code Requirement	Revision
16	2.2.2.1.	After "ABS" add "CPVC Chlorinated poly (vinyl chloride)".
17	7.1.4.1.(2)	In the first line delete "*fixture*, valve or faucet" and add "valve, faucet, *fixture* or *service water heater*".
17	7.1.4.1.(4)	In the first line after "only" add "to a home owner to undertake work in a single family dwelling owned and occupied by him, or".
18	7.1.4.3.	Delete.
21	7.2.2.11.(3) and note	Delete and substitute: "(3) Bubblers shall not be installed on any *fixtures,* other than drinking fountains, except when otherwise *approved.*"
23	7.2.3.1.(4)	In the first line change "CSA B67-1941" to read "CSA B67-1972".
26	7.2.5.1.(1)(a)	Change to read "CGSB 34-GP-9d, 1972 Pipe: Sewer, Asbestos Cement."
26	7.2.5.1.(4)	Delete and substitute: "Asbestos cement drainage pipe conforming to CGSB 34-GP-22a, 1970 'Pipe: Asbestos Cement, Drain' may be used (a) in a crawl space next to the ground, or (b) in a *storm drainage system.*"
27	7.2.5.3.(1) and (2)	Delete.
27	7.2.5.4.(1)	In the second line change "ASTM C14-70" to read "ASTM C14-71". In the third line delete "Including Tentative Revision".
27	7.2.5.7.(1) and (2)	Delete and substitute: "Plastic pipe, fittings and solvent cement used underground outside a *building* in a *drainage system* shall conform to (a) CSA B181.1-1967 'Acrylonitrile-Butadiene-Styrene Drain, Waste and Vent (ABS-DWV) Pipe and Pipe Fittings', (b) CSA B181.2-1967 'Poly (Vinyl Chloride) Drain, Waste and Vent Pipe and Pipe Fittings', or (c) CSA B182.1-1967 'Plastic Drain and Sewer Pipe and Pipe Fittings for Use Underground'."
27	7.2.5.8.	Delete and substitute: "7.2.5.8.(1) Plastic pipe, fittings and solvent cement used inside a *building,* in a *drainage* or *venting system* shall conform to (a) CSA B181.1-1967 'Acrylonitrile-Butadiene-Styrene Drain, Waste and Vent (ABS-DWV) Pipe and Pipe Fittings', or (b) CSA B181.2-1967 'Poly (Vinyl Chloride) Drain, Waste and Vent Pipe and Pipe Fittings'. (2) Requirements for plastic piping in relation to fire safety shall conform to Sentence 3.1.7.7.(2) and Article 9.10.9.25."
27	7.2.5.	Add new Article 7.2.5.9. as follows: "7.2.5.9.(1) CPVC hot and cold water pipe, fittings and solvent cements shall conform to CSA B137.6-1971, 'Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Piping for Hot and Cold Water Distribution Systems'. (2) CPVC pipe and fittings shall not be used in a system where the design water temperature may exceed 180°F or if the design pressure may exceed 100 psi."

Page	Code Requirement	Revision
28	7.2.6.2.	In the second line change "CSA B70-1963" to read "CSA B70-1971".
28	7.2.6.3.	Delete and renumber existing Articles 7.2.6.4. to 7.2.6.7. as 7.2.6.3. to 7.2.6.6., respectively.
28	7.2.6.5.	In the second line change "CSA B131.5-1963" to read "CSA B131.5-1973". In the fourth line change "CSA B131.7-1963" to read "CSA B131.7-1973".
28	7.2.6.8.	Delete.
28 and 29	7.2.6.9.	Delete and substitute new Articles 7.2.6.7. and 7.2.6.8. as follows: "7.2.6.7.(1) Except as provided in Sentences (2) and (3), welded and seamless steel pipe shall not be used in a *plumbing system.* (2) Galvanized steel pipe may be used in a *drainage system* or a *venting system* above ground inside a *building.* (3) Galvanized steel pipe may be used in a *water distribution system* where *approved.* (4) Galvanized steel pipe shall conform to CSA B63-1966 'Welded and Seamless Steel Pipe'. 7.2.6.8.(1) Corrugated steel pipe and couplings shall be made from material conforming to ASTM A444-71 'Steel Sheet, Zinc Coated (Galvanized) by the Hot Dip Process for Culverts and Underdrains'. (2) Corrugated steel pipe shall not be used except underground outside a *building* in a *storm drainage system.* (3) Couplings for corrugated steel pipe shall be constructed so that when installed they shall (a) preserve the pipe alignment, (b) resist the separation of adjoining lengths of pipe, (c) prevent root penetration, and (d) prevent the infiltration of surrounding material."
29	7.2.6.10.	Delete.
29	7.2.6.11.	Renumber as 7.2.6.9.
29	7.2.7.4.	Delete and substitute: "7.2.7.4.(1) Copper tube shall conform to (a) CSA HC.7.6-1968 'Seamless Copper Water Tube, Drainage Tube (DWV) and Hydronic Heating Tube (Type H)', (b) ASTM B88-72 'Specification for Seamless Copper Water Tube', or (c) ASTM B306-72 'Specification for Copper Drainage Tube (DWV)'. (2) Copper tube conforming to Sentence (1) may be used for plumbing purposes as set forth in Table 7.2.7.A."

Table 7.2.7.A.
Forming Part of Article 7.2.7.4.

Type of Copper Tube or Pipe	Plumbing Purposes							
	Water Service Pipe	Water Distribution System		Building Sewer	Drainage System		Venting System	
		Under-Ground	Above-Ground		Under-Ground	Above-Ground	Under-Ground	Above-Ground
K, Hard	P	P	P	P	P	P	P	P
K, Soft	P	P	P	N	N	N	N	N
L, Hard	P	P	P	P	P	P	P	P
L, Soft	P	P	P	N	N	N	N	N
M	N	N	P	N	N	P	N	P
DWV	N	N	N	N	N	P	N	P

P = Permitted N = Not Permitted

Page	Code Requirement	Revision
30	7.2.7.10.	Delete.

Page	Code Requirement	Revision
31	Figure 23	Delete and substitute:

USE OF PIPE	Drainage System				Venting System			Water System				
	Above ground inside building	Underground inside building	Building Sewer		Above ground	Underground		Above ground	Underground inside building	Underground outside building	
TYPE OF PIPE												**Code Reference**
Asbestos cement drainage pipe	1	0	0		X	X		X	X	X	7.2.5.1.
Asbestos cement water pipe	X	0	0		X	0		X	0	0	7.2.5.2.
Concrete	X	X	0		X	X		X	X	NA	7.2.5.4.
Vitrified clay	X	0	0		X	X		X	X	X	7.2.5.5.
Polyethylene water pipe	X	X	X		X	X		X	2	2	7.2.5.6.
Plastic sewer pipe	X	X	0		X	X		X	X	X	7.2.5.7.
Acrylonitrile-Butadiene-Styrene (ABS)	3	3	0		3	3		NA	NA	NA	7.2.5.8.
Poly Vinyl Chloride (P.V.C.)	3	3	0		3	3		NA	NA	NA	7.2.5.8.
Chlorinated Poly (Vinyl Chloride) plastic pipe (CPVC)	0	0	0		0	0		0	0	0	7.2.5.9.
Cast iron soil pipe	0	0	0		0	0		NA	NA	NA	7.2.6.1.
Cast iron water pipe	0	0	0		0	0		0	0	0	7.2.6.5.
Welded and seamless steel, galvanized	0	X	X		0	X		6	6	6	7.2.6.7.
Corrugated steel, galvanized	0	X	4		NA	X		NA	X	X	7.2.6.8.
Sheet metal	5	X	X		X	X		X	X	X	7.2.6.11.
Copper and brass	0	0	0		0	0		0	0	0	7.2.7.1.
Copper tube–Type K, L Hard	0	0	0		0	0		0	0	0	7.2.7.4.
Copper tube–Type K, L Soft	0	0	X		X	X		0	0	0	7.2.7.4.
Copper tube–Type M	X	X	X		X	X		0	X	X	7.2.7.4.
Copper tube–Type DWV	0	X	X		0	X		X	X	X	7.2.7.4.
Copper tube-Type Soft (Annealed)	X	X	X		X	X		0	0	0	7.2.7.4.
Lead waste pipe	0	0	X		0	0		X	X	X	7.2.7.9.

Figure 23 Summary of pipe applications

Notes to Figure 23

X–Not permitted. 0–Permitted. NA–Not applicable.

1. Permitted only (a) in a crawl space next to the ground, or
   (b) in a storm drainage system.
2. Permitted only for water service pipe.
3. See NBC Sentences 3.1.7.7.(2) and 3.1.4.5.(5) and Article 9.10.9.25. in NBC Change Series No. 3.
4. Permitted only underground in a storm drainage system.
5. Permitted only for an exterior leader.
6. When approved.

Page	Code Requirement	Revision
36	7.3.3.1.	In the second line after "fittings" add "unless a suitable provision in the fitting has been provided for drilling and tapping".
36	7.3.3.6.	Delete and substitute: "7.3.3.6.(1) Adaptors, connectors or mechanical joints used to join dissimilar materials shall be designed to accommodate the required transition. (2) Products not meeting an *approved* standard shall not be used unless *approved.* (3) Other methods of joining dissimilar materials shall not be used unless *approved.*"
37	7.3.3.8.(7)	Delete and add new Article 7.3.3.9. as follows: "The design and installation of every piping system shall, where necessary, include means to accommodate expansion and contraction of the piping system caused by temperature change or movement of the soil."
39	7.3.5.5.(2)	Add new Clause (f) as follows: "(f) CPVC plastic pipe is supported at intervals not exceeding 3 ft (0.9 m)."
39	7.3.5.5.(3)	After "PVC" add "CPVC".
41	7.3.6.5.	Delete and substitute: "7.3.6.5. Plumbing, piping and equipment exposed to mechanical damage shall be protected."
42	7.3.6.6.	Delete.
42	7.3.7.5.	In the second line of Clause (c) change "30 min." to read "15 min.".
43	7.3.7.6.	In the second line of Clause (d) change "30 min." to read "15 min.".
44	7.4.2.2.(3)	In the second line italicize the words "backwater valve".
44	7.4.2.	Add new Article 7.4.2.3. as follows: "*Combined building drains* shall not be installed unless *approved.*"
44	7.4.4.1.(1)	Delete Clause (a) and substitute: "(a) where permitted by the *authority having jurisdiction,* a floor drain may be connected to a *storm drainage system,* provided it is located where it can receive only *clear-water waste* or *storm water.*" In the second line of Subclause (c)(ii) delete "and". Delete Clause (d) and substitute: "(d) *fixtures* that have a hydraulic load of not more than one and one-half *fixture units* may be connected to a vertical section of a *circuit vent, loop vent, relief vent* or *yoke vent* provided, (i) the *fixtures* are located in the same *storey* as the *relief vent, yoke vent,* or the *fixtures* served by the *circuit vent* or *loop vent,* (ii) not more than two *fixtures* are connected to the *vent pipe,* (iii) where two *fixtures* are connected to the *vent pipe,* the connection is by means of a double sanitary T fitting, and (iv) the section of the *vent pipe* that becomes a *wet vent* meets the requirements for *soil-or-waste pipes,* and"

Page	Code Requirement	Revision
44	7.4.4.1.(1)	Add new Clause (e) as follows: "(e) *fixtures* may be connected to a *vent stack* provided: (i) the total hydraulic load of the connected *fixtures* does not exceed 8 *fixture units*, (ii) at least one *fixture* is connected to a vertical portion of the *vent stack* upstream of any other *fixture*, (iii) no other *fixture* is connected downstream of a water closet, (iv) all *fixtures* are located in the lowest *storey* served by the *vent stack*, and (v) the section of the *vent pipe* that becomes a *wet vent* meets the requirements for *soil-or-waste pipes.*" Delete note to Sentence 7.4.4.1.(1) and substitute: "Where fixtures are connected to a vent pipe as shown in Figure 29, the portion of the vent pipe serving also as a soil-or-waste pipe shall meet the minimum size requirement of a soil-or-waste pipe or a vent pipe, whichever is the larger."

Page	Code Requirement	Revision
45	Figure 29	Delete and substitute:

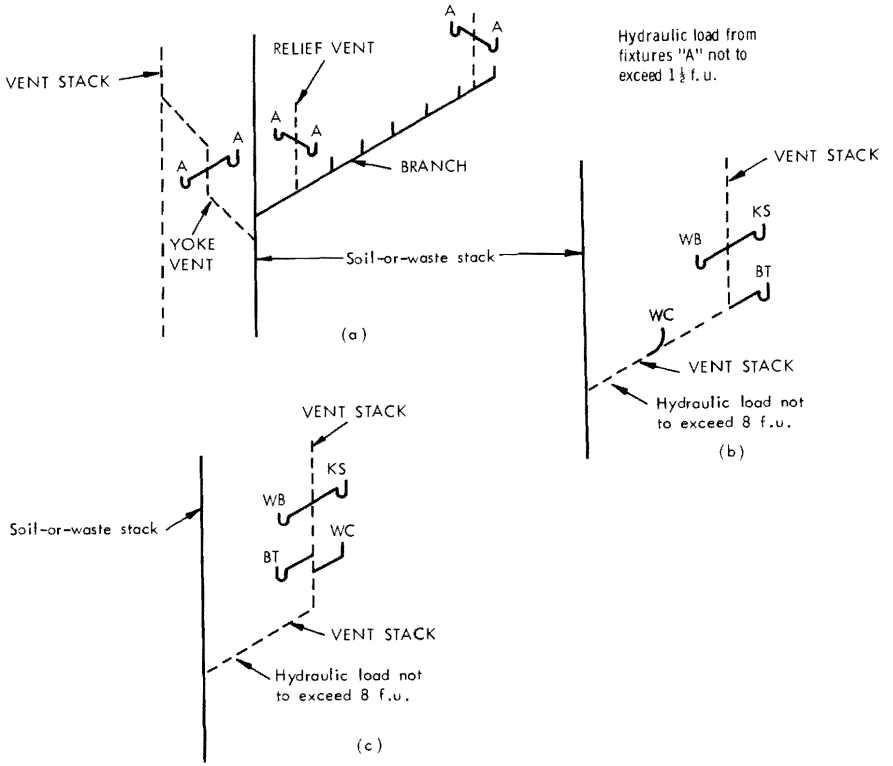


FIGURE 29
FIXTURE CONNECTIONS TO VENT PIPES

47	Figure 31	On the lower left side of figure after "COMBINED BUILDING DRAIN" add "WHERE APPROVED".
47	7.4.5.2.	In the first line after *"fixture"* add "and *interceptor*".
48	7.4.5.	Add new Article 7.4.5.6. as follows: "7.4.5.6. A floor drain or other *fixture* located in a transformer vault, a high voltage room or any room where flammable, dangerous or toxic chemicals are stored or handled shall not be connected to a *drainage system.*"

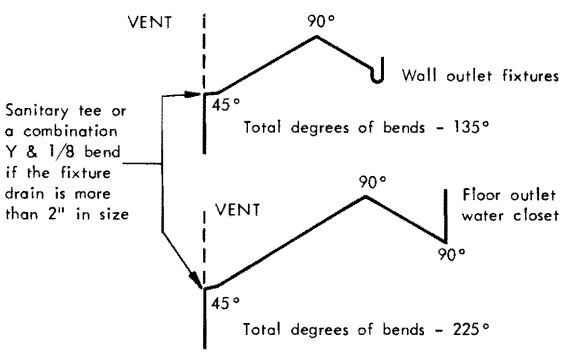
Page	Code Requirement	Revision
49	7.4.7.3.(5)	Delete.
50 and 51	Table 7.4.8.A.	In Column 3 opposite the entry for "Bathroom group," "with flush tank" change "8" to read "6", and opposite the entry for "with flush valve" change "10" to read "8". In Column 1 under the subheading of "Sink" change "siphon *trap* type" to read "S-*trap* standard", and in Column 3 opposite this entry change "5" to read "3". In Column 1 under the subheading of "Sink" change "*trap* standard service" to read "S-*trap* standard".
51	Table 7.4.8.A	Change the second last figure in Column 3 from "6" to "4" and the last figure from "8" to "6".
52	7.4.8.	Add new Article 7.4.8.6. as follows, and renumber former 7.4.8.6. as 7.4.8.7. and 7.4.8.7. as 7.4.8.8: "7.4.8.6.(1) A floor drain which drains to a *storm drainage system* shall be protected by a *trap* which (a) is located between the floor drain and a *leader, storm building drain* or *storm building sewer,* (b) is accessible for cleaning, (c) may serve all floor drains located in the same room, (d) need not be protected by a *vent pipe,* and (e) need not be provided with a *trap seal* primer."
53	Figure 36	On the lower left side of figure after "COMBINED BUILDING SEWER" add "WHERE APPROVED".
53	Figure 37(b)	On the lower left side of figure after "COMBINED BUILDING DRAIN" add "WHERE APPROVED".
54	7.4.9.2.	Delete and substitute: "7.4.9.2. There shall be no unused open ends in a *drainage system* and *dead ends* shall be so graded that moisture will not collect in them."
54	7.4.9.5.(1)	In the second line italicize the words "backwater valve".
54	7.4.9.5.(2)(a)	In the first line italicize the words "backwater valve".
59	7.4.10.1.(2)	In the first line after "sewers" add "or horizontal *storm drainage pipes".*
59	7.4.10.1.(3)	In the first line at the beginning of the sentence add "Except as provided in Sentence (2)".
59	Figure 44	In the fourth and fifth lines of the first column add "or horizontal *storm drainage pipe"* after "Building sewer".
66	7.4.12.1.	Add at the end of the article "or *vent pipe* that is connected to it".
66	7.4.12.3.	Delete and substitute: "7.4.12.3. The *diameter* of every *branch* or *building drain* that has three or more water closet *fixture drains directly connected* to it shall be at least 4 in. (102 mm)."
66	7.4.12.8.	Delete.

Page	Code Requirement	Revision
66	Figure 47	Delete and substitute:

Drainage Pipe	Minimum Size, in.
Any drainage pipe Any fixture outlet pipe Any fixture drain	Size of largest upstream pipe Size of fixture waste opening Size of trap
Branch or building drain to which 3 or more WC's are directly connected	4
Sanitary building drain	3
Building sewer	3

Figure 47 Minimum sizes of drainage pipes

75	7.5.1.1.(4)	In the first line delete "basement".
75	7.5.1.1.	Add new Sentence 7.5.1.1.(5) as follows: "(5) Where a *wet vent* serves a *fixture* and the installation does not conform to Articles 7.5.1.6. to 7.5.1.8., the *trap* of the *fixture* shall be protected by an *individual vent* or a *dual vent.*"
76	7.5.1.4.	Delete and substitute: "The section of the *fixture drain* between the *trap* and *vent pipe* connection shall not have a cumulative change of direction of more than 135 deg., except that if the *trap* discharges vertically the cumulative change in direction shall not exceed 225 deg."
76	Figure 56(c)	Delete and substitute:



(c)

FIGURE 56 VENT CONNECTIONS

Page	Code Requirement	Revision
83	7.5.2.4.	Delete.
83	Figure 64	Delete.
84	7.5.4.1.	In the second and third lines delete "and shall be graded and connected so that moisture can drain back to the *drainage system*".
89	Figure 71	Delete reference to "MAIN VENT" on left side of figure.
92	Figure 73	Delete references to "MAIN VENT" wherever they occur.
93	Figure 74	Delete and substitute:

Vent pipe		Developed Length Used to Determine Size, ft.		Hydraulic Load Used to Determine Size, Fixture Units	Size of Vent Pipe Based on Length and Hydraulic Load		Minimum Size of Vent Pipe Based on Other Requirements as Noted		Req'd. size of Vent Pipe, in.
					Table Reference	Size, in.	Article Reference	Size, in.	
Fresh Air Inlet	AB	–	–	–	–	–	7.5.5.10	4	4
Continuous Vent	UW	40	(E_1UW)	7	7.5.5.B	1½	7.5.5.1	1½	1½
Sump Vent	UV	–	–	–	–	–	7.5.5.6	2½	2½
Branch Vent	E_1U	40	(E_1UW)	7	7.5.5.B	1½	7.5.5.6	2½	2½
Individual Vent	F_3E_3	–	–	1½	–	–	7.5.5.3	1¼	1¼
Continuous Vent	F_3D_3	50	($H_3F_3D_3$)	3	7.5.5.B	1½	7.5.5.1	1¼	1½
Branch Vent	H_3F_3	50	($H_3F_3D_3$)	4½	7.5.5.B	1½	7.5.5.1	1¼	1½
Stack Vent	H_3G_3	100	(POSTH_3G_3)	6½	7.5.5.C	2			2
Stack Vent	TH_3	100	(POSTH_3G_3)	6½	7.5.5.C	2			2
Header	ST	145	(POST$H_3F_3D_3$)	6½	7.5.5.B	2			2
Continuous Vent	E_2C_2	20	(E_2C_2)	9	7.5.5.B	1¼	7.5.5.1	1½	1½
Stack Vent	E_2D_2	70	(POSE_2D_2)	18	7.5.5.C	2½			2½
Stack Vent	SE_2	70	(POSE_2D_2)	18	7.5.5.C	2½			2½
Header	OS	145	(POST$H_3F_3D_3$)	24½	7.5.5.B	2½			2½
Continuous Vent	F_1D_1	12	(F_1D_1)	3	7.5.5.B	1¼	7.5.5.1	1¼	1¼
Circuit Vent	L_1J_1	–	–	66	–	–	7.5.5.7	2	2
Relief Vent	L_1H_1	–	–	–	–	–	7.5.5.7	2	2
Relief Vent	K_1G_1	–	–	–	–	–	7.5.5.7	2	2
Branch Vent	K_1L_1	35	($M_1K_1L_1J_1$)	66	7.5.5.B	2½	7.5.5.1	1½	2½
Branch Vent	M_1K_1	35	($M_1K_1L_1J_1$)	66	7.5.5.B	2½	7.5.5.1	1½	2½
Vent Stack	N_1C_1	67	(PON$_1C_1$)	88½	7.5.5.C	2½	7.5.5.6	2½	2½
Stack Vent	N_1R_1	22	(PON$_1R_1$)	81½	7.5.5.C	2			2
Stack Vent	ON_1	67	(PON$_1C_1$)	88½	7.5.5.C	2½			3
Header	PO	145	(POST$H_3F_3D_3$)	116½	7.5.5.B	3			3
Column 1		Column 2		Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8

Figure 74 Table of vent pipe sizes

Page	Code Requirement	Revision
94	Notes following Figure 74	In the last paragraph of the notes following Figure 74, delete first sentence.
94	7.6.1.4.	In the first and second lines italicize the words "check valve".
100	7.6.5.2.(1)	Delete and substitute: "Every *potable water system* shall be designed, constructed and installed to conform to good engineering practice."
100	7.6.5.2.(4)	Delete and substitute: "Where static pressures may exceed 80 psi, pressure reducing devices shall be installed to limit the maximum static pressure in habitable areas to 80 psi."
115	3.1.7.6.(2)(b)	In the first line, change "Subsection 3.5.1. for unenclosed ducts" to read, "Articles 3.1.7.1. and 3.1.7.7.".
115	3.1.7.7.(2)	Delete and substitute: "(2) *Combustible* drain, waste and vent pipe shall not be used in a system within a *building* where part of the system passes through or is located within a required *fire separation,* except where the *combustible* portions of the system are located entirely on one side of the *fire separation,* but in no case shall such pipe be located within a vertical shaft."
116	Table 3.1.14.A.	In the second column under the subheading "Mercantile uses" change "other mercantile uses" to read "other floors".
121	List of Standards	Delete "B62-1965 Welded Genuine Wrought-Iron Pipe."
121	List of Standards	Change "B67-1941 Lead Service Pipe, Waste Pipe, Traps, Bends and Accessories (Reaffirmed 1948 and 1964)" to read "B67-1972 Lead Service Pipe, Waste Pipe, Traps, Bends and Accessories".
121	List of Standards	Change "B131.5-1963" to read "B131.5-1973".
121	List of Standards	Change "B131.7-1963" to read "B131.7-1973".
121	List of Standards	Add new standard after B137.1-1970: "B137.6-1971 Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Piping for Hot and Cold Water Distribution Systems."
121	List of Standards	Change "34-GP-9c May 1969 Pipe: Asbestos Cement, Sewer" to read "34-GP-9d Sept. 1972 Pipe: Sewer, Asbestos Cement".
121	List of Standards	Delete "56-GP-1b Pipe Bituminized fibre, drain and sewer".
122	List of Standards	Change "A444-67 Zinc-Coated (Galvanized) Iron or Steel Sheets for Culverts and Underdrains" to read "A 444-71 Steel Sheet, Zinc-Coated (Galvanized) by the Hot Dip Process for Culverts and Underdrains".
122	List of Standards	Change "C14-70 Concrete Sewer, Storm Drain, and Culvert Pipe, Including Tentative Revision", to read "C14-71 Concrete Sewer, Storm Drain and Culvert Pipe".
122	List of Standards	Delete A40.5-1943.
124	9.32	Change heading to read: "PLUMBING FACILITIES"
124	9.32.2.1.	Delete and renumber Article 9.32.2.2. as Article 9.32.2.1.