

DIVISION IV
OFFENCE PROVISION

1.11. Every contravention against a provision of this Chapter constitutes an offence.”.

DIVISION V
TRANSITIONAL AND FINAL

2. Despite section 1.02, the provisions of Chapter I of the Construction Code made by Order in Council 953-2000 dated 26 July 2000 may be applied to the construction of a building or its alteration, as defined in that Chapter, provided that

(a) the preliminary plans and specifications received written confirmation of compliance with the program established before 15 August 2008 under section 25 of the Regulation respecting building construction by establishments, regional councils and the Corporation d'hébergement du Québec, approved by Conseil du trésor Decision 148183 dated 10 January 1984; or

(b) the plans and specifications are submitted to a municipality for the purpose of obtaining the building permit before 13 November 2008.

The work, however, must begin before 17 November 2009.

3. This Regulation comes into force on 17 May 2008.

8615

Gouvernement du Québec

O.C. 294-2008, 19 mars 2008

Building Act
(R.S.Q., c. B-1.1)

Construction Code
— **Chapter III – Plumbing**
— **Amendment**

Regulation to amend the Construction Code

WHEREAS, under section 173 of the Building Act (R.S.Q., c. B-1.1), amended by section 59 of chapter 10 of the Statutes of 2005, the Régie du bâtiment du Québec is to adopt by regulation a construction code containing building standards for buildings, facilities intended for use by the public, installations independent of a building and petroleum equipment installations or their vicinity;

WHEREAS, under section 189 of the Act, a regulation of the Board is subject to approval by the Government which may approve it with or without amendment;

WHEREAS the Board adopted the Regulation to amend the Construction Code attached to this Order in Council;

WHEREAS, in accordance with sections 10 and 11 of the Regulations Act (R.S.Q., c. R-18.1), a draft of the Regulation to amend the Construction Code was published in Part 2 of the *Gazette officielle du Québec* of 11 July 2007 with a notice that it could be approved by the Government, with or without amendment, on the expiry of 45 days following that publication;

WHEREAS the comments received have been examined;

WHEREAS it is expedient to approve the Regulation with amendments;

IT IS ORDERED, therefore, on the recommendation of the Minister of Labour:

THAT the Regulation to amend the Construction Code, attached to this Order in Council, be approved.

GÉRARD BIBEAU,
Clerk of the Conseil exécutif

Regulation to amend the Construction Code*

Building Act

(R.S.Q., c. B-1.1, ss. 16, 173, 176, 176.1, 178, 179, 185, 1st par., subpars. 2.1, 3, 6.3, 7, 20, 36, 37 and 38, and s. 192; 2005, c. 10, ss. 59, 62 and 63)

1. The Construction Code is amended by replacing Chapter III by the following:

“CHAPTER III PLUMBING

DIVISION I INTERPRETATION

3.01. In this Chapter, unless the context indicates otherwise, “Code” means the “National Plumbing Code of Canada 2005” (NRCC 47668) and the “Code national de la plomberie “Canada 2005” (CNRC 47668F), published by the Canadian Commission on Building and Fire Codes, National Research Council of Canada, as well as all subsequent amendments and later editions that may be published by that organization.

Despite the foregoing, amendments and new editions published after 1 July 2008 apply to construction work only as of the date that is the last day of the sixth month following the month of publication of the French text of the amendments or editions.

DIVISION II APPLICATION OF THE NATIONAL PLUMBING CODE

3.02. Subject to the amendments made by this Chapter, the Code applies to all construction work on a plumbing system in a building or facility intended for use by the public to which the Building Act (R.S.Q., c. B-1.1) applies.

3.03. A reference in this Chapter to the NBC (National Building Code) is a reference to the Code as adopted by Chapter I of the Construction Code.

DIVISION III AMENDMENTS TO THE CODE

3.04. The Code is amended in Division A

(1) by replacing Article 1.1.1.1. by the following:

“1.1.1.1. Application of the NPC

(1) The NPC applies to the construction work performed on a plumbing system in every building and facility intended for use by the public as provided in section 3.02 of Chapter III of the Construction Code made pursuant to the Building Act (see Appendix A).

(2) In accordance with the NBC, every building shall, except as provided by Sentence (3), have plumbing facilities.

(3) If a hot water system is required under the NBC, the facility shall

(a) provide an adequate hot water supply, and

(b) be installed in conformance with this Chapter.”;

(2) in Article 1.2.1.1., by replacing Clause (b) of Sentence (1) by the following:

“(b) using alternative solutions that will achieve at least the minimum level of performance required by Division B in the areas defined by the objectives and functional statements attributed to the applicable acceptable solutions approved by the Régie du bâtiment in accordance with section 127 of the Building Act (R.S.Q., c. B-1.1) (see Appendix A).”;

(3) in Sentence (1) of Article 1.4.1.2.,

(a) by inserting the following after the definition of “Combustible”:

“*Construction Code* means the *Construction Code* made pursuant to the Building Act (R.S.Q., c. B-1.1).”;

(b) by inserting “, retention pit” after “sump” in the definition of “*Storm building drain*”;

* The Construction Code, approved by Order in Council 953-2000 dated 26 July 2000 (2000, G.O. 2, 4203), was last amended by the regulation approved by Order in Council 577-2007 dated 27 June 2007 (2007, G.O. 2, 1953). For previous amendments, refer to the *Tableau des modifications et Index sommaire*, Québec Official Publisher, 2007, updated to 1 September 2007.

(c) by replacing the definition of “Potable” by the following:

“Potable means water intended for human consumption.”

(d) by replacing the definition of “Suite” by the following:

“Suite* means a single room or series of rooms of complementary use, operated under a single tenancy and includes *dwelling units*, individual guest rooms in motels, hotels, rooming houses, boarding houses, dormitories and single-family dwellings, as well as individual stores and individual or complementary rooms for business and personal services occupancies.”;

(e) by replacing the definition of “Occupancy” by the following:

“Occupancy* means the use or intended use of a *building* or part thereof.”;

(f) by replacing the definition of “Public use” by the following:

“Public use (as applying to the classification of plumbing fixtures) means fixtures installed in locations other than those designated as *private use*.”;

(4) in Article 3.2.1.1., by inserting the following in Sentence (1) after the functional statement “F21 To limit or accommodate dimensional change.”:

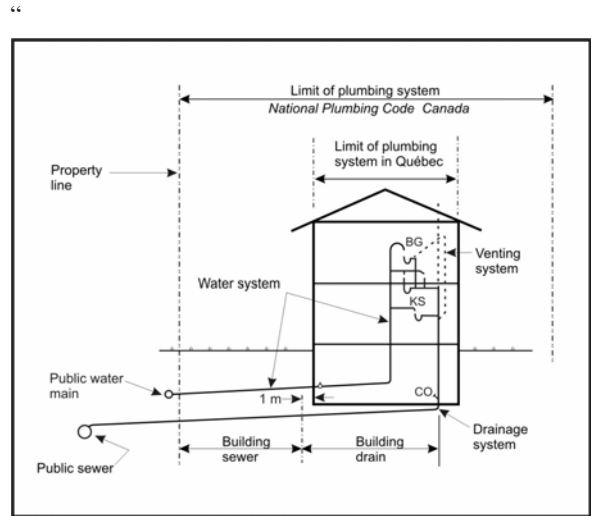
“F23 To maintain equipment in place during structural movement.”;

(5) in Article 3.2.1.1., by inserting the following in Sentence (1) after the functional statement “F46 To minimize the risk of contamination of *potable* water.”:

“F60 To control the accumulation and pressure of surface water, groundwater and sewage.

F61 To resist the ingress of precipitation, water or moisture from the exterior or from the ground.”;

(6) in note A-1.4.1.2.(1) of Appendix A, by replacing Figure A-1.4.1.2.(1)-L by the following:



3.05. The Code is amended in Division B,

(1) in Table 1.3.1.2. of Article 1.3.1.2.,

(a) by inserting the following references:

ASME	A112.1.2-2004	Air Gaps in Plumbing Systems	2.2.10.22.(1)
ASME	A112.6.3-2001	Floor and Trench Drains	2.2.10.19.(2)
ASME	A112.6.4-2003	Roof, Deck, and Balcony Drains	2.2.10.20.(2)

before the reference:

“	ANSI/ ASME	B16.3-1998	Malleable-Iron Threaded Fittings	2.2.6.6.(1)	”;
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(b) by inserting the following references:

“	ANSI/CSA	ANSI Z21.10.1- 2004/CSA 4.1-2004	Gas Water Heaters – Volume I, Storage Water Heaters with Input Ratings of 75,000 Btu Per Hour or Less	2.2.10.13.(1)	”
	ANSI/CSA	ANSI Z21.10.3- 2004/CSA 4.3-2004	Gas Water Heaters – Volume III, Storage Water Heaters with Input Ratings Above 75,000 Btu Per Hour, Circulating and Instantaneous	2.2.10.13.(1)	

before the reference:

“	ANSI/CSA	ANSI Z21.22- 1999/CSA 4.4-M99	Relief Valves for Hot Water Supply Systems	2.2.10.11.(1)	”;
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(c) by inserting the following references:

“	ASTM	A268/A268M-05a	Standard Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service	2.2.6.10.(1)	”
	ASTM	A269-07	Standard Specification for Seamless and Welding Austenitic Stainless Steel Tubing for General Service	2.2.6.10.(1)	
	ASTM	A270-03a	Standard Specification for Seamless and Welded Austenitic Stainless Steel Sanitary Tubing	2.2.6.10.(1)	
	ASTM	A312/A312M-05a	Standard Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes	2.2.6.10.(1)	

after the reference:

“	ASTM	A53/53M-02	Pipe, Steel, Black and Hot-Dipped, Zinc – Coated, Welded and Seamless	2.2.6.7.(4)	”;
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(d) by inserting the following references:

“	AWS	AWS A5.8/ A5.8M: 2004	Specification for Filler Metals for Brazing and Braze Welding	2.2.9.2.(1)	”
	BNQ	NQ 2622-126 (1999)	Reinforced Concrete and Unreinforced Concrete Pipes and Monolithic Lateral Connections for Evacuation of Domestic Wastewater and Storm Water	2.2.5.3.(1)	
	BNQ	NQ 3623-085 (2002)	Ductile-Iron Pipes for Pressure Piping Systems – Characteristics and Test Methods	2.2.6.4.(1)	
	BNQ	NQ 3624-027 (2000) (Modificatif N° 1/03)	Tuyaux et raccords en polyéthylène (PE) – Tuyaux pour le transport des liquides sous pression – Caractéristiques et méthodes d’essais	2.2.5.5.(1)	
	BNQ	NQ 3624-120 (2006)	Polyethylene (PE) Plastic Pipe and Fittings – Smooth Inside Wall Open or Closed Profile Pipes for Storm Sewer and Soil Drainage – Characteristics and Test Methods	2.2.5.10.(1)	
	BNQ	NQ-3624-130 (1997) (Modificatif N° 1/98)	Unplasticized Poly(Vinyl Chloride) (PVC) Rigid Pipe and Fittings, 150 mm in Diameter or Smaller, for Underground Sewage Applications	2.2.5.10.(1)	
	BNQ	NQ-3624-135 (2000)	Unplasticized Poly(Vinyl Chloride) [PVC-U] Pipe and Fittings – Pipes of 200 mm to 600 mm in Diameter for Underground Sewage and Soil Drainage – Characteristics and Test Methods	2.2.5.10.(1)	
	BNQ	NQ 3624-250 (2000)	Unplasticized Poly(Vinyl Chloride) [PVC-U] Pipe and Fittings – Rigid Pipe for Pressurized Water Supply and Distribution – Characteristics and Test Methods	2.2.5.8.(1)	
	BNQ	NQ 3632-670 (2005)	Backwater and Check Valves for Sewage Systems – Characteristics and Test Methods	2.2.10.18.(1)	”

after the reference:

“	ASTM	F 714-03	Polyethylene (PE) Plastic Pipe (SCR-PR) Based on Outside Diameter	2.2.5.6.(1)	”;
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(e) by replacing the reference:

“	CSA	CAN/CSA-B64-10-01	Manual for the Selection and Installation of Backflow Prevention Devices	2.6.2.1.(3)(2)	”
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by the following references:

“	CSA	CAN/CSA-B64-10-01 including Supplement B64.10S1-04	Manual for the Selection and Installation of Backflow Prevention Devices	2.6.2.1.(3)(2) 2.6.2.1.(4)	”
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CSA	CAN/CSA-B64-10.1-01 including Supplement B64.10S1-04	Manual for the Maintenance and Field Testing of Backflow Prevention Devices	2.6.2.1.(4)	”;
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(f) by inserting the following reference:

CSA	CSA-B79-05	Floor Drains, Area Drains, Shower Drains, and Cleanouts in Residential Construction	2.2.10.19.(1)	”
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after the reference:

CSA	CSA-B70-02	Cast Iron Soil Pipe, Fittings, and Means of Joining	2.2.6.1.(1) 2.4.6.4.(2)	”;
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(g) by replacing the reference:

CSA	CSA-B125.3-05	Plumbing Fittings	2.2.10.6.(1) 2.2.10.7.(2) 2.2.10.10.(2)	”
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by the following reference:

CSA	CSA B125.3-05	Plumbing Fittings	2.2.10.6.(1) 2.2.10.6.(2) 2.2.10.7.(2) 2.2.10.10.(2) 2.2.10.21.(1)	”;
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(h) by replacing the reference:

CSA	CSA-B137.10-02	Crosslinked Polyethylene/Aluminum/ Crosslinked Polyethylene Composite Pressure-Pipe Systems	2.2.5.14.(1)	”
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by the following reference:

CSA	CAN/CSA-B137.10-02	Crosslinked Polyethylene/Aluminum/ Crosslinked Polyethylene Composite Pressure-Pipe Systems	2.2.5.13.(3) 2.2.5.14.(1)	”;
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(i) by inserting the following reference:

“	CSA	CSA B140.12-03	Oil-Burning Equipment: Service Water Heaters for Domestic Hot Water, Space Heating, and Swimming Pools	2.2.10.13.(1)	”
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after the reference:

“	CSA	CAN/CSA-B137.11-02	Polypropylene (PP-R) Pipe and Fittings for Pressure Applications	2.2.5.15.(1)	”;
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(j) by replacing the reference:

“	CSA	CAN/CSA-B181.1-02	ABS Drain, Waste, and Vent Pipe and Pipe Fittings	2.2.5.10.(1) 2.2.5.11.(1) 2.2.5.12.(1) 2.4.6.4.(2)	”
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by the following reference:

“	CSA	CAN/CSA-B181.1-02	ABS Drain, Waste, and Vent Pipe and Pipe Fittings	2.2.5.10.(1) 2.2.5.11.(1) 2.2.5.12.(1) 2.2.10.18.(1)	”;
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(k) by replacing the reference:

“	CSA	CAN/CSA-B181.2-02	PVC Drain, Waste, and Vent Pipe and Pipe Fittings	2.2.5.10.(1) 2.2.5.11.(1) 2.2.5.12.(1) 2.4.6.4.(2)	”
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by the following reference:

“	CSA	CAN/CSA-B181.2-02	PVC Drain, Waste, and Vent Pipe and Pipe Fittings	2.2.5.10.(1) 2.2.5.11.(1) 2.2.5.12.(1) 2.2.10.18.(1)	”;
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(l) by replacing the reference:

“	CSA	CAN/CSA-B182.1-02	Plastic Drain and Sewer Pipe and Pipe Fittings	2.2.5.10.(1) 2.4.6.4.(2)	”
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by the following reference:

“	CSA	CAN/CSA- B182.1-02	Plastic Drain and Sewer Pipe and Pipe Fittings	2.2.5.10.(1) 2.2.10.18.(1)	”;
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(m) by inserting the following references:

“	CSA	CSA B481 Series-07	Grease Interceptors	2.2.3.2.(3)(1)	”
	CSA	CAN/CSA- B483.1-07	Drinking Water Treatment Systems	2.2.10.17.(2) 2.2.10.17.(3)	

after the reference:

“	CSA	CAN/CSA- B356-00	Water Pressure Reducing Valves for Domestic Water Systems Supply	2.2.10.12.(1)	”;
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(n) by inserting the reference:

“	CSA	CAN/CSA- C22.2 110-94 (R2004)	Construction and Test of Electric Storage-Tank Water Heaters	2.2.10.13.(1)	”
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after the reference:

“	CSA	CAN/CSA- B602	Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe	2.2.10.4.(2)	”;
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(o) by inserting the following references:

“	MSS	SP-58-2002	Pipe Hangers and Supports – Materials, Design, and Manufacture	2.2.10.23(1)	”
	ANSI/MSS	SP-69-2003	Pipe Hangers and Supports - Selection and Application	2.3.4.1.(4)	
	NSF	NSF/ANSI 53-2007e	Drinking Water Treatment Units - Health Effects	2.2.10.17.(1)	
	NSF	NSF/ANSI 55-2007	Ultraviolet Microbiological Water Treatment Systems	2.2.10.17.(1)	
	NSF	NSF/ANSI 62-2004	Drinking Water Distillation Systems	2.2.10.17.(1)	

after the reference:

“	CSA	G401-01	Corrugated Steel Pipe Products	2.2.6.8.(1)	”;
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(2) in Article 1.3.2.1

(a) by inserting the following after “ASTM... American Society for Testing and Materials International (100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428-2959 U.S.A.; www.astm.org)”:

“AWS...American Welding Society (550 N.W. LeJeune Road, Miami, Florida 33126 U.S.A.; www.aws.org)”;

(b) by inserting the following after “AWWA...American Water Works Association (6666 West Quincy Avenue, Denver, Colorado 80235 U.S.A.; www.awwa.org)”:

“BNQ...Bureau de normalisation du Québec (333, rue Franquet, Québec, (Québec) G1P 4C7; www.bnq.qc.ca)”;

(c) by replacing “NBC... National Building Code of Canada 2005 (see CCBFC)” by the following:

NBC... National Building Code of Canada within the meaning of section 1.01 of Chapter I of the *Construction Code*, as amended by this Chapter”;

(d) by inserting the following after “MSC... Meteorological Service of Canada [formerly AES – Atmospheric Environment Service] (Environment Canada, 4905 Dufferin Street, Toronto, Ontario M3H 5T4; www.msc-smc.ec.gc.ca)”:

“MSS...Manufacturers Standardization Society of the Valve and Fittings Industry (127 Park Street, N.E., Vienna, Virginia 22180 U.S.A.; www.mss-hq.com)”;

(e) by inserting the following after “NPC... National Plumbing Code of Canada 2005 (see CCBFC)” and “NRC... National Research Council of Canada (Ottawa, Ontario K1A 0R6; www.nrc-cnrc.gc.ca) respectively:

“NQ...Québec standard” and

“NSF...NSF International (PO Box 130140, Ann Arbor, Michigan 48113-0140, U.S.A.; www.nsf.com)”;

(3) in Article 2.1.2.3., by replacing “Every” in Sentence (1) by “Except as provided in Clause (a) of Sentence 2.7.3.2 (1), every”;

(4) by adding the following after Subsection 2.1.3.:

“2.1.4. Structural Movement

2.1.4.1. Structural Movement

(1) *Plumbing systems of buildings* subject to Chapter I of the *Construction Code* and to which Part 4 of Division B of the NBC applies shall be designed and installed to accommodate the maximum relative structural movement provided for in the construction of the *building*. (See Article 4.1.3.5., Subsection 4.1.8., Sentence 4.1.3.3.(2) and Article A-6.2.1.3. of the NBC for information on the types of structural movements that may be encountered.)”;

(5) in Article 2.2.3.1., by adding the following after Sentence (5):

“(6) A deep *trap seal depth* shall be not less than 100 mm.”;

(6) in Article 2.2.3.2., by adding the following after Sentence (2):

“(3) Every grease interceptor shall conform to CSA B481 Series, Grease Interceptors.”;

(7) in Article 2.2.5.3., by inserting the following after Clause (b) of Sentence (1):

“(c) NQ 2622-126, Tuyaux et branchements latéraux monolithiques en béton armé et non armé pour l'évacuation des eaux d'égout domestique et pluvial.”;

(8) in Article 2.2.5.5., by replacing Sentence (1) by the following:

“(1) Polyethylene water pipe, tubing, and fittings shall conform to Series 160 of

(a) CAN/CSA-B137.1, Polyethylene Pipe, Tubing, and Fittings for Cold-Water Pressure Services, or

(b) NQ 3624-027, Tuyaux et raccords en polyéthylène (PE) - Tuyaux pour le transport des liquides sous pression - Caractéristiques et méthodes d'essais.”;

(9) in Article 2.2.5.8., by replacing Clause (a) of Sentence (1) by the following:

“(a) conform to

(i) CAN/CSA B137.3, Rigid Polyvinyl Chloride (PVC) Pipe for Pressure Applications, or

(ii) NQ 3624-250, Unplasticized Poly(Vinyl Chloride) [PVC-U] Pipe and Fittings – Rigid Pipe for Pressurized Water Supply and Distribution – Characteristics and Test Methods, and”;

(10) in Article 2.2.5.10.,

(a) by striking out “or” at the end of Clause (g) of Sentence (1);

(b) by adding the following after Clause (h) of Sentence (1):

“(i) NQ 3624-120, Polyethylene (PE) Plastic Pipe and Fittings – Smooth Inside Wall Open or Closed Profile Pipes for Storm Sewer and Soil Drainage – Characteristics and Test Methods,

(j) NQ 3624-130, Tuyaux et raccords rigides en poly (chlorure de vinyle) (PVC) non plastifié, de diamètre égal ou inférieur à 150 mm, pour égouts souterrains, or

(k) NQ 3624-135, Unplasticized Poly(Vinyl Chloride) [PVC-U] Pipe and Fittings – Pipes of 200 mm to 600 mm in Diameter for Underground Sewage and Soil Drainage – Characteristics and Test Methods.”;

(11) in Article 2.2.5.13.,

(a) by inserting “with a nominal pressure not more than 690 kPa and a nominal temperature not more than 82°C” after “PE/AL/PE pipe and fittings” in Sentence (2);

(b) by adding the following after Sentence (2):

“(3) PE/AL/PE composite pipe with a nominal pressure not less than 690 kPa and a nominal temperature not less than 82°C are permitted to be used in a hot *water system* with connections conform-

ing to CAN/CSA-B137.10, Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure-Pipe Systems.”;

(12) in Article 2.2.6.4., by replacing Sentence (1) by the following:

“(1) Cast-iron water pipes shall conform to

(a) ANSI AWWA-C151/A21.51, Ductile-Iron Pipe, Centrifugally Cast, for Water, or

(b) NQ 3623-085, Ductile-Iron Pipes for Pressure Piping Systems – Characteristics and Test Methods.”;

(13) by adding the following after Article 2.2.6.9.:

“2.2.6.10. Stainless Steel Pipes

(1) Stainless steel pipe and fittings shall conform to

(a) ASTM-A268/A268M, Standard Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service,

(b) ASTM-A269, Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service,

(c) ASTM-A270, Standard Specification for Seamless and Welded Austenitic Stainless Steel Sanitary Tubing, or

(d) ASTM-A312/A312M, Standard Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes.”;

(14) in Article 2.2.9.2.,

(a) by replacing the title “**Solders and Fluxes**” by “**Solders, Fluxes and Brazing Alloys**”;

(b) by replacing Sentence (4) by the following:

“(4) Alloys used for brazing shall conform to AWS A5.8/A5.8M, Specification for Filler Metals for Brazing and Braze Welding, within the BCuP range, depending on the recommended use.”;

(c) by striking out Sentence (5);

(15) in Article 2.2.10.5., by inserting “, except at the point of connection to a standpipe system” after “*water systems*” in Sentence (1);

(16) in Article 2.2.10.13.,

(a) by striking out “**Solar Domestic**” in the title;

(b) by replacing Sentence (1) by the following:

“(1) Service water heaters shall conform to

(a) ANSI Z21.10.1/CSA 4.1, Gas Water Heaters - Volume I, Storage Water Heaters With Input Ratings of 75,000 Btu Per Hour or Less,

(b) ANSI Z21.10.3/CSA 4.3, Gas Water Heaters - Volume III, Storage Water Heaters With Input Ratings Above 75,000 Btu Per Hour, Circulating and Instantaneous,

(c) CAN/CSA-C22.2 No. 110, Construction and Test of Electric Storage-Tank Water Heaters,

(d) CSA B140.12, Oil-Burning Equipment: Service Water Heaters for Domestic Hot Water, Space Heating, and Swimming Pools, or

(e) CAN/CSA-F379.1, Solar Domestic Hot Water Systems (Liquid to Liquid Heat Transfer).”;

(17) by adding the following after Article 2.2.10.16.:

“2.2.10.17. Potable Water Treatment Units

(1) *Potable* water disinfection units using ultraviolet designed to meet the requirements of the Regulation respecting the quality of drinking water, made by Order in Council 647-2001 dated 30 May 2001, shall conform to one of the following standards:

(a) NSF/ANSI 55, Ultraviolet Microbiological Water Treatment Systems, or

(b) CAN/CSA B483.1, Drinking Water Treatment Systems, if they are designed to be installed at the point of use.

(2) Reverse osmosis *potable* water treatment systems installed at the point of use and designed to meet the requirements of the Regulation respecting the quality of drinking water shall conform to CAN/CSA B483.1, Drinking Water Treatment Systems.

(3) *Potable* water distillation systems designed to meet the requirements of the Regulation respecting the quality of drinking water shall conform to one of the following standards:

(a) NSF/ANSI 62, Drinking Water Distillation Systems; or

(b) CAN/CSA B483.1, Drinking Water Treatment Systems, if they are designed to be installed at the point of use.

(4) *Potable* water treatment units not referred to in Sentences (1) to (3) and designed to meet the requirements of the Regulation respecting the quality of drinking water shall conform to one of the following standards:

(a) NSF/ANSI 53, Drinking Water Treatment Units – Health Effects, or

(b) CAN/CSA B483.1, Drinking Water Treatment Systems, if they are designed to be installed at the point of use.

(5) *Potable* water treatment units not referred to in Sentences (1) to (4) shall conform to CAN/CSA B483.1, Drinking Water Treatment Systems.”;

2.2.10.18. Backwater Valves

(1) *Backwater valves* shall conform to

(a) CAN/CSA-B70, Cast Iron Soil Pipe, Fittings, and Means of Joining,

(b) CAN/CSA-B181.1, ABS Drain, Waste, and Vent Pipe and Pipe Fittings,

(c) CAN/CSA-B181.2, PVC Drain, Waste, and Vent Pipe and Pipe Fittings,

(d) CAN/CSA-B182.1, Plastic Drain and Sewer Pipe and Pipe Fittings,

(e) NQ 3632-670, Backwater and Check Valves for Sewage Systems.

2.2.10.19. Floor Drains and Shower Drains

(1) Floor drains, including *emergency floor drains*, and shower drains installed in an individual house shall conform to CSA-B79, Floor Drains, Area Drains, Shower Drains, and Cleanouts in Residential Construction.

(2) Floor drains, including *emergency floor drains*, and shower drains installed in an *occupancy* other than an individual house shall conform to ASME A112.6.3, Floor and Trench Drains.

2.2.10.20. Roof Drains

(1) Roof drains shall conform to ASME A112.6.4, Roof, Deck, and Balcony Drains.

2.2.10.21. Trap Seal Primer Devices

(1) Trap seal primer devices shall conform to CAN/CSA-B125.3, Plumbing Fittings.

2.2.10.22. Air Gaps

(1) Prefabricated *air gaps* shall conform to ASME A112.1.2, Air Gaps in Plumbing Systems.

2.2.10.23. Pipe Hangers and Supports

(1) Prefabricated pipe hangers and supports shall conform to MSS SP-58, Pipe Hangers and Supports – Materials, Design, and Manufacture.”;

(18) in Article 2.3.3.10., by adding the following after Sentence (1):

“(2) Except as required by Sentence (3), underground copper piping joints shall be composed of flared or compression joints or be braze-welded.

(3) Compression joints shall not be used underground inside a *building*.”;

(19) in Article 2.3.4.1.,

(a) by inserting “and every valve” after “*fixture*” in Sentence (3);

(b) by adding the following after Sentence (3):

“(4) Pipe hangers and supports shall be selected according to ANSI/MSS SP-69, Pipe Hangers and Supports – Selection and Application.”;

(20) in Article 2.4.2.1.,

(a) by striking out “or” at the end of Subclause (v) of Sentence (1);

(b) by inserting the following after Subclause (vi) of Clause (e) of Sentence (1):

“(vii) a drain or overflow from a swimming or wading pool and deck floor drains, or

(viii) a drain from an elevator, dumb-waiter or elevating device pit.”;

(c) by replacing Sentence (2) by the following:

“(2) Where the upper vertical part of an offset *soil-or-waste stack* receives water from *fixtures* from more than one storey, a connection in that offset *soil-or-waste stack* shall not be less than

(a) 1.5 m downstream from the base of the upper section of the *soil-or-waste stack* or from another connection receiving *sewage* from another *soil-or-waste stack* connected to the *offset*, and

(b) 600 mm higher or lower than the *nominally horizontal offset* in the upper or lower vertical section of an offset *soil-or-waste stack*.

(See Appendix A.)”;

(d) by adding the following after Sentence (4):

“(5) Every connection at the bottom of a *soil-or-waste stack* shall not be less than

(a) 1.5 m in a *building drain* or a *branch* receiving *sewage* from the *soil-or-waste stack*,

(b) 600 mm from the top of the *building drain* or *branch* to which the *soil-or-waste stack* is connected.

(See Appendix A.)

(6) Every *trap arm* of a floor drain or a fixture without a flushing system shall have a *nominally horizontal* part not less than 450 mm in *developed length*, measured between the *trap* and its connection to a *nominally horizontal* soil-or-waste pipe. The *developed length* of the *trap arm* of a floor drain shall be increased to 1.5 m if it is connected not more than 3 m downstream from the bottom of a *soil-or-waste stack* or a *leader*.

(See Appendix A.)

(7) If a soil-or-waste pipe receives *sewage* containing detergent suds, no other soil-or-waste pipe shall be connected to the soil-or-waste pipe near a change of direction of the soil-or-waste pipe of more than 45°, over a length not less than

(a) 40 times the size of the soil-or-waste pipe receiving the *sewage* containing the detergent suds before changing direction, or

(b) 10 times the size of the soil-or-waste pipe receiving the *sewage* containing the detergent suds after changing direction.

(See Appendix A.)

(8) Where a vent pipe is connected into one of the detergent suds zones of a soil-or-waste pipe referred to in Sentence (7), no other vent pipe shall be connected to that vent pipe over a length equal to 40 times the size of the soil-or-waste pipe, measured from a change of direction.

(See Appendix A.)”;

(21) by adding the following after Article 2.4.3.6.:

“2.4.3.7. Retention Pit

(1) A retention pit shall be made of concrete or be approved in accordance with Article 2.2.3.1. of Division C. It must be made in one piece, be leak-proof and smooth inside. Its length shall not be less than 600 mm and its minimum width shall not be less than 450 mm, the length being taken in the direction of its *fixture drain*. A round retention pit shall be not less than 600 mm in size.

(2) The *fixture drain* of the retention pit shall be not less than 3 inches in *size* and be protected by a reversed sanitary T fitting with a *cleanout* at the end or by a deep *seal trap* with *cleanout*. The *fixture drain* shall be 4 inches in *size* if the retention pit receives *storm water*. Despite the foregoing, for a single-family house, the *fixture drain* may be 3 inches in *size*. No mechanical fitting shall be used inside a retention pit.

(3) A reversed sanitary T fitting shall be located inside the retention pit and the deep *seal trap* may be located inside or outside the retention pit. In the last case, the *trap cleanout* shall be extended to the floor level.

(4) The lower end of the reversed sanitary T fitting shall be placed 200 mm or more from the bottom of the retention pit. For a deep *seal trap*, the upper end of the *trap* shall be placed not less than 300 mm from the bottom of the retention pit.

(5) The retention pit shall be covered, at the floor or ground level, by a cast iron or steel cover not less than 6 mm thick or any other material conforming to the Code.

(6) The *fixture drain* of a retention pit exposed to frost shall have a *trap* inside the building, unless it drains into another retention pit that is not exposed.

(7) The *fixture drain* of a retention pit shall be directly connected to the *sanitary drainage system* and drain into it by gravity or in the manner described in Article 2.4.6.3.

(8) The invert of a discharge pipe connected to a retention pit shall be higher than the crown of the *fixture drain*.

(9) A retention pit with a *fixture drain* 4 inches in *size* for a draining area of 370 m² shall be provided. For a *fixture drain* more than 4 inches in *size*, the drained area may be increased by 280 m² by additional inch.

(10) A check valve is permitted to be installed inside a retention pit provided it is extended by a length equal to the length of the valve.

(11) The requirements relating to the fall and ventilation of trap arms do not apply to the *fixture drain* serving a retention pit.”;

(22) by replacing Article 2.4.5.3. by the following:

“2.4.5.3. Connection of Subsoil Drainage Pipe to a Drainage System

(1) Where a *subsoil drainage pipe* is connected to a *drainage system*, the connection shall be made on the upstream side of a *trap* with a *cleanout*, a trapped sump or a retention pit. (See Appendix A.)”;

(23) in Article 2.4.5.4., by adding the following after Sentence (1):

“(2) No *sanitary drainage system* or *combined building drain* shall have a *building trap*.”;

(24) in Article 2.4.5.5., by adding the following after Sentence (1):

“(2) Water from the *trap* seal of a floor drain in a *dwelling unit* need not be maintained by a *trap* seal primer.

(See Appendix A.)”;

(25) in Article 2.4.6.4., by replacing Sentence (2) by the following:

“(2) A *backwater valve* may be installed in a *building drain* if

(a) it is of a “normally open” design, and

(b) it does not serve more than one *dwelling unit*.”;

(26) by striking out Article 2.4.6.5.;

(27) in Article 2.5.2.1.,

(a) by replacing “Table 2.5.2.1.” in Clause (a) of Sentence (1) by “Article 2.5.8.1.”;

(b) by replacing Clause (d) of Sentence (1) by the following:

“(d) the *trap arms* of the WCs connected to a vertical pipe are connected downstream from all other *fixtures*.”;

(c) by replacing Clause (j) of Sentence (1) by the following:

“(j) the portion of the *soil-or-waste stack* including a *wet vent* that extends above more than one *storey* is the same *size* as its bottom to the uppermost connection of a *fixture*.”;

(d) by striking out Table 2.5.2.1.;

(28) in Article 2.5.8.1.,

(a) by replacing “Table 2.5.8.1.” in Sentence (1) by “Tables 2.5.8.1.A. and 2.5.8.1.B.”;

(b) by inserting the following before Table 2.5.8.1.:

**“Table 2.5.8.1.A.
Maximum Permitted Hydraulic Loads
Drained to a Wet Vent Serving
Fixtures on the same Storey
Forming Part of Sentence 2.5.8.1.(1)**

<i>Size of Wet Vent of a Storey, inches</i>	<i>Maximum Hydraulic Load, fixture units</i>
1 ¼	1
1 ½	2
2	5
2 ½	8
3	18
4	120

”;

(c) by replacing the title of Table 2.5.8.1. by “Table 2.5.8.1.B.”;

(29) in Article 2.6.1.1., by adding the following after Sentence (3):

“(4) In a hot water distribution system with a recirculation loop, the temperature of the water in the loop shall not be less than 55°C when the water is circulating. (See note A-2.6.1.12.(1).)

(5) The recirculation loop referred to in Sentence (4) may operate intermittently.

(6) The recirculation loop referred to in Sentence (4) may be replaced by a self-regulating heat tracing system.”;

(30) in Sentence (10) of Article 2.6.1.7.,

(a) by replacing “The” in the part of the Sentence preceding Clause (a) by “Except as provided in Clause (d), the”;

(b) by replacing Clause (a) by the following:

“(a) be not less than 50 mm larger than the walls of the *service water heater* and have side walls not less than 75 mm high,”;

(c) by replacing “, and” in Clause (b) by “, without being less than 1¼ inches,”;

(d) by inserting the following in Clause (c):

“(d) not be required to have a *fixture drain* where the relief valve discharge pipe conforms to Sentence (5).”;

(31) in Article 2.6.1.9., by replacing Sentence (1) by the following:

“(1) *Water distribution systems* shall be protected against water hammers by pre-fabricated water-hammer arresters.

(See Appendix A.)”;

(32) in Article 2.6.1.12., by replacing Sentence (1) by the following:

(1) The temperature control device of storage-type service water heaters shall be set so that the temperature of stored water is not less than 60°C. (See Appendix A.)”;

(33) in Article 2.6.2.1., by adding the following after Sentence (3):

“(4) In the case of *backflow preventers* that, according to CSA B64.10, require testing after installation, the person testing the *backflow preventers* shall hold a certificate issued in accordance with section 4 of CSA B64.10.1. by an organization or association certified by AWWA.”;

(34) in Article 2.6.2.4.,

(a) by replacing Sentence (2) by the following:

“(2) Except as required by Sentence (4), *potable water system* connections to fire sprinkler and standpipe systems shall be protected against *backflow* caused by *back-siphonage* or *back pressure* in conformance with Clauses (a) to (g):

(a) *residential partial flow-through fire sprinkler/standpipe systems* in which the pipes and fittings are constructed of *potable water system* materials shall be protected by a *dual check valve backflow preventer* conforming to one of the following standards:

i) CAN/CSA-B64.6.1, Backflow Preventers, Dual Check Valve Type for Fire Systems (DuCF), or

ii) CAN/CSA-B64.6, Dual Check Valve (DuC) Backflow Preventers,

(b) *Class 1 fire sprinkler/standpipe systems* shall be protected by a single *check valve backflow preventer* or by a *dual check valve backflow preventer*, provided that the systems do not use antifreeze or other additives of any kind and that the pipes and fittings are constructed of *potable water system* materials. The *backflow preventer* shall conform to one of the following standards:

i) CAN/CSA-B64.9, Single Check Valve Backflow Preventers for Fire Protection Systems (SCVAF), or

ii) CAN/CSA-B64.6, Dual Check Valve (DuC) Backflow Preventers,

(c) *Class 1 fire sprinkler/standpipe systems* not covered by Clause (b) as well as *Class 2* and *Class 3 fire sprinkler/standpipe systems* shall be protected by a *double check valve backflow preventer*, provided that the systems do not use antifreeze or other additives of any kind. The *backflow preventer* shall conform to one of the following standards:

i) CAN/CSA-B64.5.1, Double Check Valve Backflow Preventers for Fire Protection Systems (DCVAF), or

ii) CAN/CSA-B64.5, Double Check Valve (DCVA) Backflow Preventers,

(d) *Class 1, Class 2* and *Class 3 fire sprinkler/standpipe systems* in which antifreeze or other additives are used shall be protected by a reduced pressure principle *backflow preventer*, installed on the portion of the system that uses the additives and the balance of the system shall be protected as required by Clauses (b) or (c). The *backflow preventer* shall conform to one of the following standards:

i) CAN/CSA-B64.4.1, Reduced Pressure Principle Backflow Preventers for Fire Protection Systems (RPF), or

ii) CAN/CSA-B64.4, Reduced Pressure Principle (RP) Backflow Preventers,

(e) *Class 4* and *Class 5 fire sprinkler/standpipe systems* shall be protected by a reduced pressure principle *backflow preventer* conforming to one of the following standards:

i) CAN/CSA-B64.4.1, Reduced Pressure Principle Backflow Preventers for Fire Protection Systems (RPF), or

ii) CAN/CSA-B64.4, Reduced Pressure Principle (RP) Backflow Preventers,

(f) *Class 6 fire sprinkler/standpipe systems* shall be protected by a *double check valve backflow preventer* conforming to one of the following standards:

i) CAN/CSA-B64.5.1, Double Check Valve Backflow Preventers for Fire Protection Systems (DCVAF), or

ii) CAN/CSA-B64.5, Double Check Valve (DCVA) Backflow Preventers,

(g) Where a potentially severe health hazard may be caused by *backflow*, *Class 6 fire sprinkler/standpipe systems* shall be protected by a reduced pressure principle *backflow preventer* conforming to one of the following standards:

i) CAN/CSA-B64.4.1, Reduced Pressure Principle Backflow Preventers for Fire Protection Systems (RPF), or

ii) CAN/CSA-B64.4, Reduced Pressure Principle (RP) Backflow Preventers.

(See Appendix A.)”;

(b) by replacing Sentence (4) by the following:

(36) in Table 2.8.1.1. of Article 2.8.1.1.,

(a) by adding the following after Article 2.1.3.2.:

2.1.4.1. Structural Movement	
(1)	[F23,F43-OS3.4]
	[F23-OH1.1, OH2.1, OH2.4, OH5]
	[F43-OH2.1, OH2.4, OH5]
	[F23, F43-OP5]

(b) by adding the following after Sentence 2.2.3.2.(2):

“

(3)	[F81-OH2.1,OH2.3,OH 2.4] [F46-OH2.2]
-----	--------------------------------------

(c) by adding the following after Sentence 2.2.5.13.(2):

“

(3)	[F20-OP5]
-----	-----------

“(4) Where a reduced pressure principle *backflow preventer* is required on a *water service pipe* at a fire service connection located on the same premises as the *fire service pipe* in *Class 3, 4, 5 and 6 fire sprinkler/standpipe systems*, a reduced pressure principle *backflow preventer* shall also be required on the fire service connection and conform to one of the following standards:

i) CAN/CSA-B64.4.1, Reduced Pressure Principle Backflow Preventers for Fire Protection Systems (RPF), or

ii) CAN/CSA-B64.4, Reduced Pressure Principle (RP) Backflow Preventers.”;

(35) in Article 2.7.3.2., by replacing Clause (a) of Sentence (1) by the following:

“(a) a sink or lavatory, except in the case of a seasonal tourist establishment referred to in Chapter V.1 of the Regulation respecting the quality of drinking water.”;

(d) by adding the following after Article 2.2.6.9.:

“

2.2.6.10. Stainless Steel Pipes	
(1)	[F80-OH2.1,OH2.3,OH1.1] applies to <i>drainage systems</i> and <i>ventilation systems</i>
	[F46-OH2.2] applies to <i>water systems</i>
	[F80-OP5]

”;

(e) by replacing Sentences 2.2.9.2.(4) and 2.2.9.2.(5) by the following:

“

(4)	[F80-OH2.1, OH2.3,.1]
	[F80-OP5]

”;

(f) by replacing Article 2.2.10.13. by the following:

“

2.2.10.13. Service Water Heater	
(1)	[F46-OH2.2]
	[F80,F81-OP5]
	[F31, F81-OS3.2]
	[F43-OS3.4]

”;

(g) by adding the following after Article 2.2.10.16.(1):

“

2.2.10.17. Potable Water Treatment Units	
(1)	[F70,F81,F46-OH2.1, OH2.2, OH2.3]
(2)	[F70,F81,F46-OH2.1, OH2.2, OH2.3]
(3)	[F70,F81,F46-OH2.1, OH2.2, OH2.3]
(4)	F70,F81,F46-OH2.1, OH2.2, OH2.3]
(5)	F70,F81,F46-OH2.1, OH2.2, OH2.3]
2.2.10.18. Backwater Valves	
(1)	[F80-OH2.1]
2.2.10.19. Floor Drains and Shower Drains	
(1)	F80-OH2.1,OH2.4]
2.2.10.20. Roof Drains	
(1)	[F80-OP5]
	[F80-OS2.1]
2.2.10.21. Trap Seal Primers	
(1)	[F80-OH1.1]

”;

2.2.10.22. Air Gaps	
(1)	[F80-OH2.1, OH2.2, OH2.3]
2.2.10.23. Pipe Hangers and Supports	
(1)	[F20-OH2.1]
	[F20-OS3.1]
	[F80-OP5]

”;

(h) by adding the following after Sentence 2.3.3.10.(1):

“

(2)	[F20, F80-OP5]
(3)	[F20, F80-OP5]

”;

(i) by adding the following after Sentence 2.3.4.1.(3):

“

(4)	[F20-OH2.1, OH2.4]
	[F20-OP5]
	[F20-OS3.1]

”;

(j) by adding the following after Sentence 2.4.2.1.(4):

“

(5)	[F81-OH1.1]
(6)	F81-OH1.1]
(7)	F81-OH1.1]
(8)	[F81-0H1.1]

”;

(k) by adding the following after Article 2.4.3.6.:

“

2.4.3.7. Retention Pit	
(1)	[F60, F61-OH1.1]
(2)	F81-OH1.1, OH2.1]
(3)	F81-OH1.1]
(4)	F81-OH1.1]
(5)	F40-OH1.1]
	[F30-OS3.1]
(6)	F81-OH2.1, OH2.3]
	[F81-OP5]

(7)	F81-OH2.1, OH2.2]
	[F72-OH2.1]
(8)	F81-OH2.1]
(9)	[F72-OH2.1]
	[F81-OS2.1]
	[F81-OP5]
(10)	F81-OH2.1]
(11)	[F81-OH1.1]

”;

(l) by adding the following after Sentence 2.4.5.4.(1):

“

(2)	[F81-OH2.1]
-----	-------------

”;

(m) by adding the following after Sentence 2.4.5.5.(1):

“

(2)	[F81-OH1.1]
-----	-------------

”;

(n) by adding the following after Sentence 2.6.1.1.(3):

“

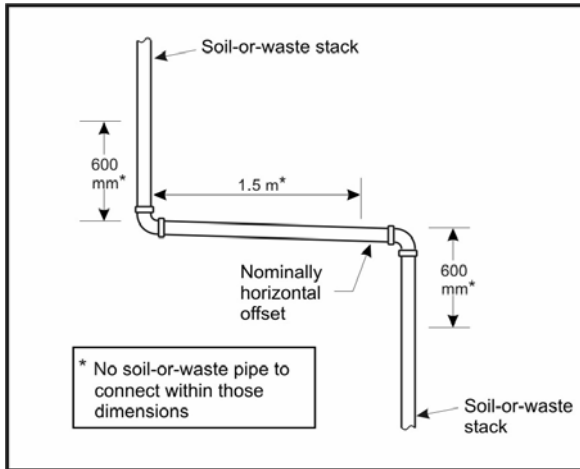
(4)	[F40-OH1.1]
(6)	[F40-OH1.1]

”;

(37) by replacing “(3)” in the title of note A-2.2.10.9.(3) by “(4)”;

(38) by replacing Figure A-2.4.2.1.(2) in note A-2.4.2.1.(2) by the following:

“



”;

(39) by adding the following after note A-2.4.2.1.(4):

“A-2.4.2.1.(5) Soil-or-Waste Pipe Connections

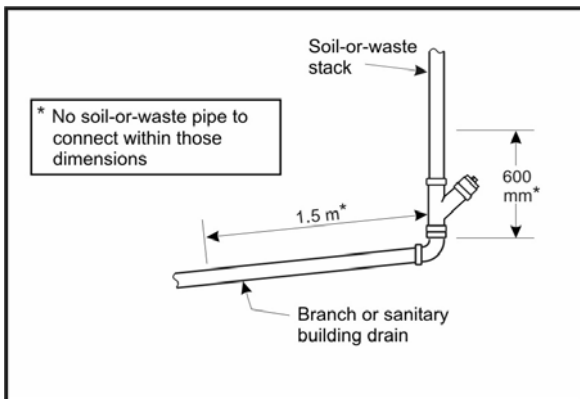


Figure A-2.4.2.1.(5) Soil-or-Waste Pipe Connections.

A-2.4.2.1.(6) Soil-or-Waste Pipe Connections

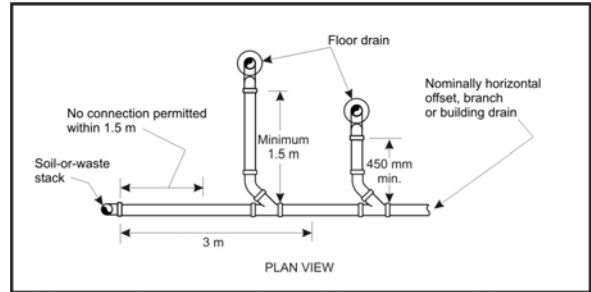


Figure A-2.4.2.1.(6) Soil-or-Waste Pipe Connections.”;

“A-2.4.2.1.(7) Suds Pressure Zones Connections

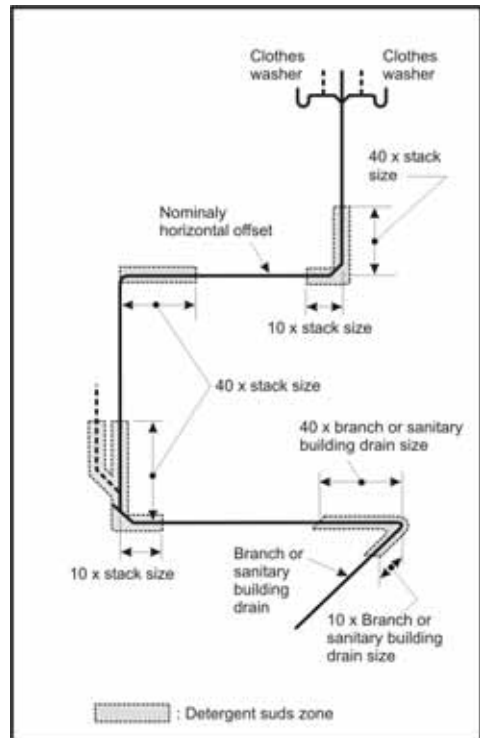


Figure A-2.4.2.1.(7) Suds Pressure Zones Connections.”;

(40) by adding the following after note A-2.4.3.3.(1):

“A-2.4.3.7. Retention Pit

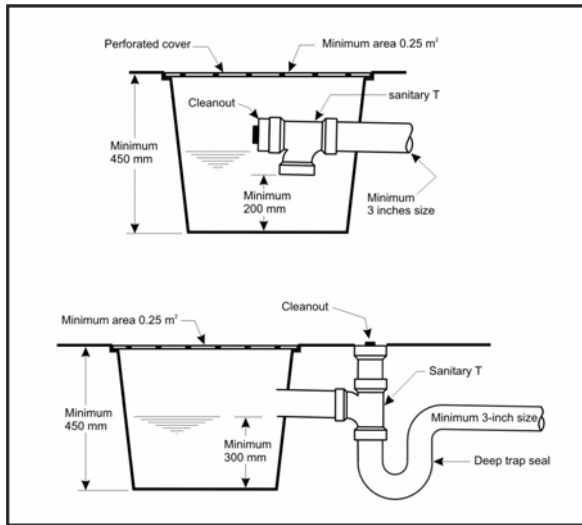


Figure A-2.4.3.7. Retention Pit.”;

(41) in note A-2.4.5.3.(1),

(a) by striking out “A trap or sump may be provided specifically for the subsoil drains, or the trap of a floor drain or storm water sump as shown in Figure A-2.4.5.3.(1) may be used.”;

(b) by replacing Figure A-2.4.5.3.(1) by the following:

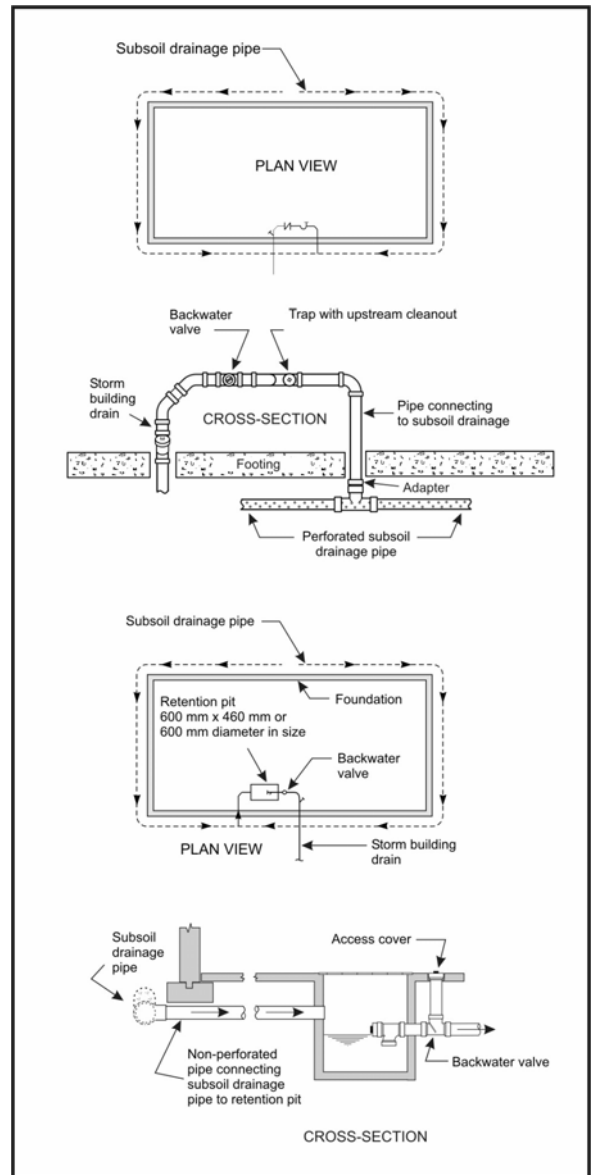


Figure A-2.4.5.3.(1) Subsoil Drainage Connection.”;

(42) by striking out note A-2.4.5.4.(1);

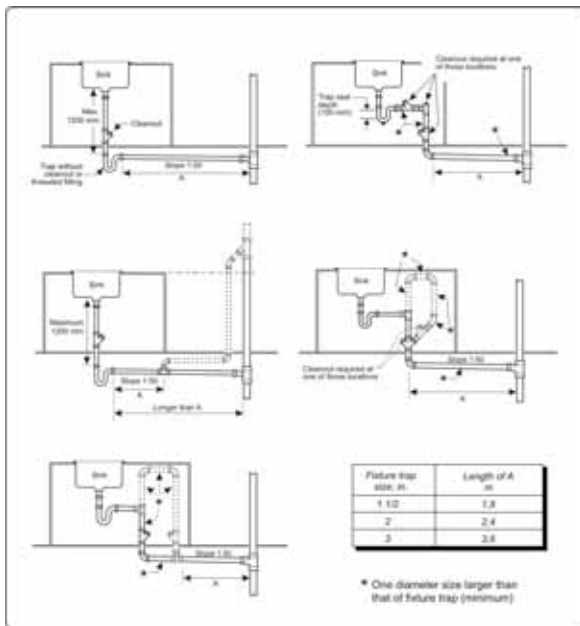
(43) in note A-2.4.5.5.(1), by striking out “Periodic manual replenishment of the water in a trap is considered to be an equally effective means of maintaining the trap seal in floor drains in residences.”;

(44) by adding the following after note A-2.4.5.5.(1):

“A-2.4.5.5.(2) Maintaining Trap Seals in Floor Drains in Dwelling Units. Periodic manual replenishment of the water in a trap maintains the trap seal in floor drains in dwelling units.”;

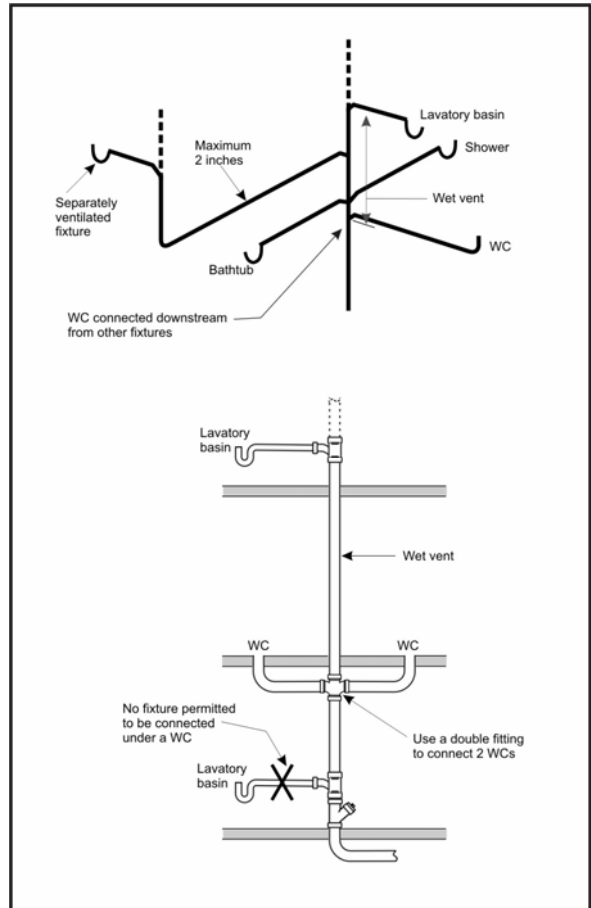
(45) in note A-2.4.8.2.(1)

(a) by replacing Figure A-2.4.8.2.(1) by the following:



(46) in notes A-2.5.2.1 and 2.5.3.1.,

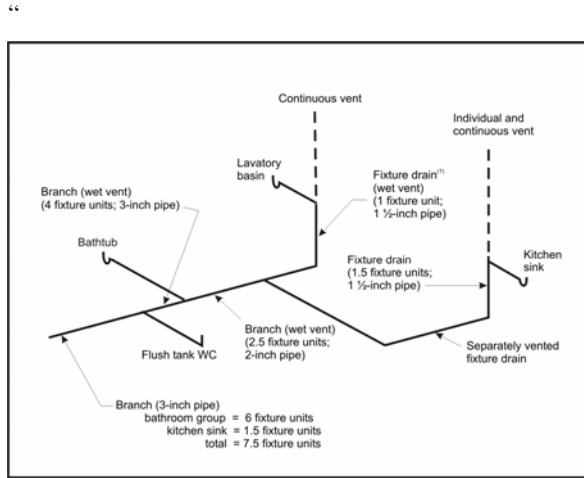
(a) by replacing Figures A-2.5.2.1. and 2.5.3.1.-C by the following:



(b) by replacing the title of Figure A-2.4.8.2.(1) by the following:

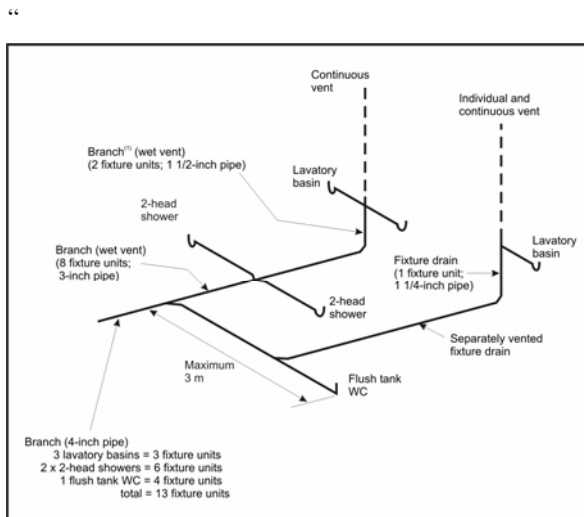
“Figure A-2.4.8.2.(1) Island Fixture Installation.”;

(b) by replacing Figures A-2.5.2.1. and 2.5.3.1.-E by the following:



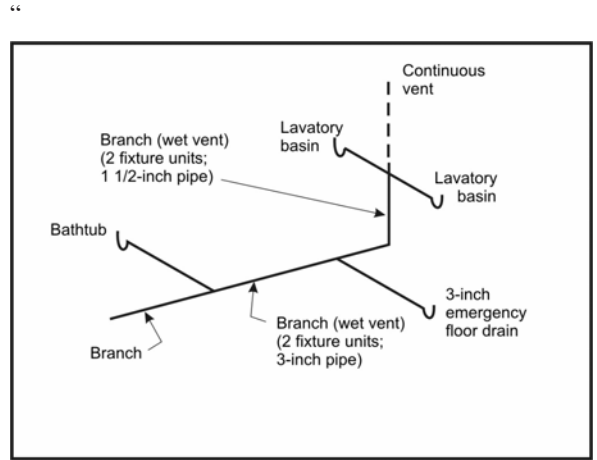
”;

(c) by replacing Figures A-2.5.2.1. and 2.5.3.1.-F by the following:



”;

(d) by replacing Figures A-2.5.2.1. and 2.5.3.1.-L by the following:



”;

(47) by replacing note A-2.6.1.12.(1) by the following:

“A-2.6.1.12.(1) Service Water Heater

Water in a service water heater or a distribution system at a temperature not more than 60°C permits *Legionella* bacteria to survive and thrive. Water heated at a temperature equal to or greater than 60°C reduces bacterial contamination of the hot water distribution system. To do so, the thermostat must be set at different temperatures depending on the type of service water heater.”

3.06. The Code is amended in Division C,

(1) by striking out Article 2.2.1.1.;

(2) by replacing Subsection 2.2.2. by the following:

“2.2.2. Plans and Specifications

2.2.2.1. Requirements

(1) A plumbing contractor or owner-builder may not begin construction work on a *plumbing system* to which Chapter III of the *Construction Code* applies

unless there are plans and specifications for the work, if the total hydraulic load to be installed exceeds 180 *fixture units*.

2.2.2.2. Content

- (1) Plans shall be drawn to scale and show
- (a) a plan view of the location and dimension of the drains and *cleanouts*, the location of *fixtures* and the *water distribution system*,
 - (b) an elevation view of the location of *fixtures* and *traps*, the dimension of drains, *leaders*, *soil-or-waste stacks* and vent stacks, as well as the *water distribution system*, and
 - (c) the connection of the *subsoil drainage pipe*.”;
- (3) by adding the following after Subsection 2.2.2.:

“2.2.3. Approval of Materials

2.2.3.1. Approved Materials, Fixtures and Facilities used in a Plumbing System

- (1) In a *plumbing system*, only materials, fixtures or facilities that are certified or approved by one of the following organizations may be used:
- (a) Canadian Gas Association (CGA),
 - (b) Bureau de normalisation du Québec (BNQ),
 - (c) CSA International (CSA),
 - (d) IAPMO Research and Testing Inc. (UPC),
 - (e) Underwriters’ Laboratories of Canada (ULC),
 - (f) NSF International (NSF),
 - (g) Canadian General Standards Board (CGSB),

(h) Quality Auditing Institute (QAI),

(i) Intertek Testing Services NA Ltd. (ITS),

(j) Underwriters Laboratories Inc. (UL),

(k) Water Quality Association (WQA),

(l) any other organization accredited by the Standards Council of Canada as a certifying organization in the field of plumbing which has notified the Board of its accreditation.

2.2.3.2. Sale and lease

(1) Materials, fixtures or facilities to be used in a *plumbing system* must be certified or approved by an organization listed in Sentence 2.2.3.1.(1) before being sold or leased.

2.2.4. Declaration of Work

2.2.4.1. Application

(1) A plumbing contractor shall declare to the Régie du bâtiment du Québec all construction work to which Chapter III of the *Construction Code* applies if the work pertains to a new *plumbing system* or requires the replacement of a *service water heater* or pipes.

2.2.4.2. Submission of the Declaration

(1) The declaration required under Article 2.2.4.1. shall be forwarded to the Board not later than the twentieth day of the month following the date on which work starts.

2.2.4.3. Form

(1) The declaration of work shall be made on the form provided by the Board or on any other document prepared for that purpose.

2.2.4.4. Content

- (1) The declaration shall contain
 - (a) the address of the site where the work is performed,
 - (b) the name, address and telephone number of the person for whom the work is performed,
 - (c) the name, address, telephone number and licence number of the plumbing contractor,
 - (d) the estimated start and end dates of the construction work,
 - (e) the nature and type of the work,
 - (f) the *occupancy* of the *building* or facility intended for use by the public, the classification and building area under the code referred to in Chapter I of the *Construction Code*, and the existing and planned number of *storeys*, and
 - (g) the number of *fixtures* and *service water heaters* to be installed.

2.2.5. Fees Payable

2.2.5.1. Calculation

- (1) The following fees shall be paid to the Board by the plumbing contractor when the plumbing contractor declares the construction work pertaining to *plumbing systems* for which a declaration is required under Article 2.2.4.1.:
 - (a) \$129.53 for a new single-family detached or semi-detached house or row house,
 - (b) \$78.41 per *dwelling unit* other than those referred to in Clause (a) for the construction of a new *building* intended for housing or for the conversion of a *building* of another nature into a *building* intended for housing, regardless of the number of *fixtures* and *service water heaters*, or

(c) in the case of work other than work referred to in Clauses (a) and (b),

(i) \$10.39 per fixture or service water heater, where the work is performed on more than one, or

(ii) \$17.84 where the work is performed on only one or no fixture or service water heater.

(2) A plumbing contractor or owner-builder shall pay the following inspection fees to the Board for the inspection of a *plumbing system* following the issue of a remedial notice provided for in section 122 of the Building Act:

(a) \$87.49 for the first hour or any fraction thereof,

(b) half the hourly rate established in Clause (a) for each half-hour or fraction thereof added to the first hour.

(3) A plumbing owner-builder shall pay to the Board the inspection fees fixed in Clauses (a) and (b) of Sentence (2) for the inspection of a *plumbing system*.

(4) For the approval of a plumbing material, fixture or facility that cannot be certified or approved by one of the organizations listed in Article 2.2.3.1., approval fees corresponding to the amounts established in Clauses (a) and (b) of Sentence (2) shall be paid to the Board.

2.2.5.2. Sending

(1) The fees payable under Sentence 2.2.5.1.(1) shall be included with the declaration of work required under Article 2.2.4.1.

(2) The fees payable under Sentences 2.2.5.1.(2), (3) and (4) shall be paid to the Board not later than 30 days after the billing date.”;

(4) by replacing Subsection 2.3.1. by the following:

“2.3.1. Approval of Alternative Solutions

2.3.1.1. Conditions for Approval

(1) The proposed alternative solutions shall be approved by the Board on the conditions it sets pursuant to section 127 of the Building Act (R.S.Q., c. B-1.1).”.

DIVISION IV
OFFENCE PROVISION

3.07. Every contravention against a provision of this Chapter, except Subsection 2.2.5, introduced by paragraph 3 of section 3.06, constitutes an offence.”.

2. This Regulation comes into force on the ninetieth day following the date of its publication in the *Gazette officielle du Québec*, except Article 2.2.3.2, introduced by paragraph 3 of section 3.06, which comes into force six months after the date of coming into force of this Regulation.