

**NATIONAL RESEARCH COUNCIL OF CANADA
ASSOCIATE COMMITTEE ON THE
NATIONAL BUILDING CODE**

**ERRATA AND REVISIONS
to the
CANADIAN PLUMBING CODE
1970**

(Incorporating changes from Change Series No. 2 to the National Building Code of Canada 1970)

**Ottawa
1 July 1972**

ERRATA
to the
Canadian Plumbing Code 1970

Errata issued 1 July 1972
by the
Associate Committee on the National Building Code
National Research Council of Canada

The Associate Committee on the National Building Code records the following corrections to the 1970 edition of the Canadian Plumbing Code

ERRATA

Page	Code Requirement	Correction
25	7.2.4.4.(old no. 7.2.4.3.)	Change marginal note to read "Double Y fitting".
76	7.5.1.4.	Delete marginal note.
83	Fig. 63	In the centre portion of the diagram change the reference from "Clause 7.4.1.1.(1)(d)" to "Clause 7.4.4.1.(1)(d)".

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	Change title of Fig. 21 to read "T-Y fittings in drainage systems".
18	7.1.5.1.(1)	In the second line change the word "or" to read "and".
20	Table 7.2.2.A.	In the first column after the word "Bathtub" add "(with or without shower)".
22	7.2.2.12.(3)	In the first line change the words "an opening" to read "a waste opening".
24	7.2.4.2.(2)	Delete and renumber Sentence 7.2.4.2.(1) as Article 7.2.4.2. and delete explanatory note following Sentence 7.2.4.2.(2).
25	Fig. 21	Delete
25	7.2.4.	Add new Article 7.2.4.3. as follows and renumber existing Article 7.2.4.3. as 7.2.4.4.: "7.2.4.3.(1) A T-Y fitting shall not be used in a <i>nominally horizontal soil-or-waste pipe</i> except to connect a <i>vent pipe</i> . (2) A T-Y fitting shall not be used to change the direction of flow in <i>nominally horizontal</i> drainage piping. (3) Except as permitted in Article 7.2.4.5., a T-Y fitting shall be used to connect a <i>continuous vent</i> to a <i>fixture drain</i> ."
25	7.2.4.3.	Add the following explanatory note and new Fig. 21 after Article 7.2.4.3. A T-Y fitting may be used to change the direction of flow in a drainage system from horizontal to vertical but may not be used to change the direction of flow in a <i>nominally horizontal</i> drainage system.
26	7.2.4.4.	Delete existing article and explanatory note following the article.
26	7.2.4.	Add new Article 7.2.4.5. as follows and renumber existing Article 7.2.4.5. as Article 7.2.4.6. and Article 7.2.4.6. as Article 7.2.4.7.: "7.2.4.5. A Y and 1/8th bend fitting may be used to connect a <i>fixture drain</i> whose <i>diameter</i> is more than 2 in. to a <i>continuous vent</i> or <i>nominally vertical soil-or-waste pipe</i> that serves as the <i>vent pipe</i> ." (See Fig. 21b, Page 25.)
26	7.2.5.1.(1)(b)	In the first line change "CGSB 34-GP-22, 1966" to read "CGSB 34-GP-22a, 1970".

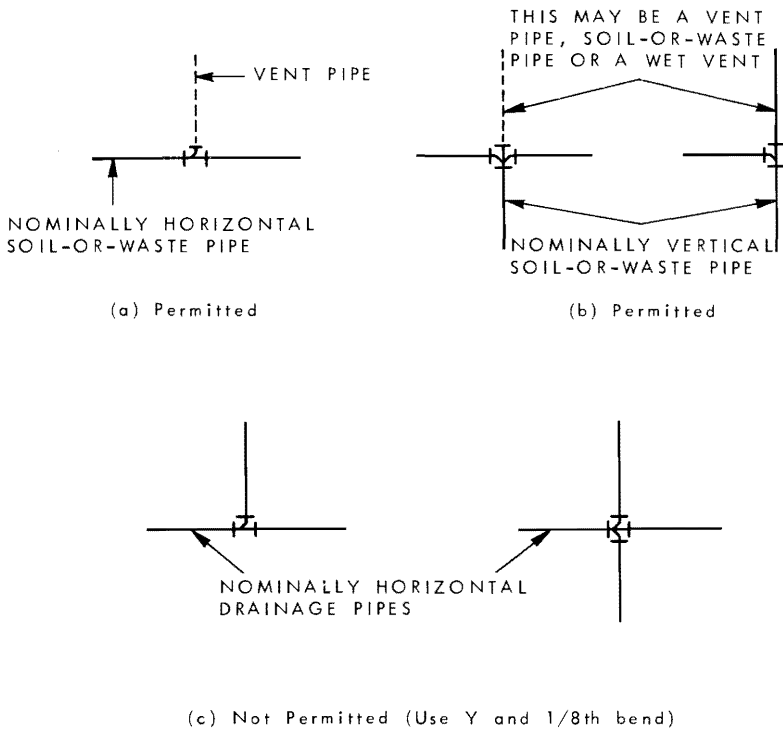


Figure 21 T-Y fittings in drainage systems

Page	Code Requirement	Revision
26	7.2.5.1.(4)(a)	In the second and third lines change "CGSB 34-GP-22, 1966" to read "CGSB 34-GP-22a, 1970".
26	7.2.5.1.(4)(b)	In the first and second lines change "CGSB 34-GP-22, 1966" to read "CGSB 34-GP-22a, 1970".

Page	Code Requirement	Revision
27	7.2.5.3.(1)	In the second line change "CGSB 56-GP-1a, 1962" to read "CGSB 56-GP-1b, 1970".
27	7.2.5.4.(1)	In the second and third lines change "ASTM C14-68" to read "ASTM C14-70" at the end of the title add "Including Tentative Revision".
27	7.2.5.6.(1)	In the first line change "CSA B137-1963" to read "CSA B137.1-1970".
27	7.2.5.8.(3)	Delete and substitute: "7.2.5.8.(3) Plastic pipe shall not exceed 36 ft in stack or vent height. (4) Requirements for plastic piping in relation to fire safety shall conform to Sentence 3.1.7.7.(2) and Article 9.10.9.25."
28	7.2.6.1.	In the first line change "CSA B70-1963" to read "CSA B70-1971". Renumber as Sentence 7.2.6.1.(1) and add Sentence (2) as follows: "7.2.6.1.(2) Cast-iron <i>soil-or-waste pipe</i> and fittings shall not be used in a <i>water system</i> ."
28	7.2.6.4.(1)	In the first and second lines change "ANSI B16.12-1965" to read "ANSI B16.12-1971".
28	7.2.6.6.(1)	In the first and second lines change "ANSI B16.4-1963" to read "ANSI B16.4-1971".
28	7.2.6.7.(1)	In the first and second lines change "ANSI B16.3-1963" to read "ANSI B16.3-1971".
29	7.2.7.3.(1)	In the first and second lines change "ANSI B16.15-1964" to read "ANSI B16.15-1971" and title to read "Cast Bronze Threaded Fittings, 150 and 300 lb".
29	7.2.7.2.	In the second line change "ANSI B16.24-1962" to read "ANSI B16.24-1971".
32	7.2.8.2.(2)	In the first line change "CGSB 77-GP-1, 1962" to read "CGSB 77-GP-1a, 1970".
32	7.2.9.2.(3)	In the first line change "Every cleanout" to read "Every cast-iron cleanout".
33	7.2.9.6.	In the second line change "ANSI Z21.22-1964" to read "ANSI Z21.22-1971".
37	7.3.5.4.(1)	In the second line change "at the base at the floor" to read "at its base and at the floor".
42	7.3.7.1.(1)	In the second line add the words "or piping is covered" after the word "installed".
42	7.3.7.1.(2)	Delete and substitute: "After every <i>fixture</i> is installed and before any part of the <i>drainage system</i> or <i>venting system</i> is placed in operation, a smoke test shall be carried out when requested by the <i>authority having jurisdiction</i> ."
44	7.4.4.1.	Delete Sentence (2) and renumber Sentence (3) as Sentence (2). Add new Sentences (3) and (4) as follows: "7.4.4.1.(3) A <i>soil-or-waste pipe</i> shall not be connected to

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		a <i>nominally horizontal offset</i> closer than 5 ft (1.5 m) <i>developed length</i> downstream from the base of the upper vertical section of the <i>soil-or-waste stack</i> where such upper vertical section (a) receives a discharge of 30 or more <i>fixture units</i> , or (b) receives a discharge from <i>fixtures</i> located on two or more <i>storeys</i> . (4) A <i>soil-or-waste pipe</i> shall not be connected to a <i>nominally horizontal soil-or-waste pipe</i> closer than 5 ft (1.5 m) <i>developed length</i> downstream from the base of the <i>soil-or-waste stack</i> that (a) receives a discharge of 30 or more <i>fixture units</i> , or (b) receives the discharge from <i>fixtures</i> located on two or more <i>storeys</i> .” Add the following explanatory note after Sentence 7.4.4.1.(4). “This sentence places the same restrictions on connections to the <i>building drain</i> or <i>branch</i> within 5 ft of the base of a <i>soil-or-waste stack</i> as those that apply to a horizontal <i>offset</i> in <i>soil-or-waste stacks</i> (see Fig. 30, page 46).”
48	7.4.5.5.	Delete and substitute: “Garbage grinders, potato peelers, and other similar types of equipment shall not be located upstream of an <i>interceptor</i> .” Delete explanatory note after Article 7.4.5.5.
48	7.4.7.3.(1)	Delete and substitute: “Where the discharge from a <i>fixture</i> may contain oil or gasoline, an oil <i>interceptor</i> shall be installed.”
49	7.4.7.3.(2)	Change the third and fourth lines to read: “installed when required by the <i>authority having jurisdiction</i> .”
49	7.4.8.1.(1)(a)	Delete Subclause (i) and renumber Subclause (ii) as (i).
49	7.4.8.1.(a)(iii)	In the first line delete the words “two or” and renumber as Subclause (a)(ii).
50	Table 7.4.8.A.	In Column 1 after “Bath tub” add “(with or without shower)”.
52	7.4.8.5.(1)	Delete and substitute: “Where a <i>storm drainage system</i> is connected to a <i>combined building drain</i> , a <i>combined building sewer</i> , or a <i>public combined sewer</i> , a <i>trap</i> shall be installed between any opening in the system and the drain or sewer, except that no <i>trap</i> is required if the opening is the upper end of a <i>leader</i> that terminates (a) at a roof that is used only for weather protection, and (b) at least 3 ft (0.9 m) above or 12 ft (3.7 m) in any other direction from any air inlet, openable window, or door and 6 ft (1.8 m) from a property line.”
52	7.4.8.6.	Delete Sentences(1) and (2) and substitute: “Where a <i>subsoil drainage pipe</i> is connected to a <i>sanitary drainage system</i> , the connection shall be made on the upstream side of a <i>trap</i> with <i>cleanout</i> or a trapped <i>sump</i> .”
56	7.4.9.5.(3)	Delete and substitute: “A <i>subsoil drainage pipe</i> that drains into a <i>sanitary drain-</i>

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		<i>age system</i> that is subject to surcharge shall be connected in such a manner that <i>sewage</i> cannot back up into the <i>subsoil drainage pipe</i> ."
59	7.4.9.9.(2)	Delete and substitute: "Manholes may be used as <i>cleanouts</i> in a <i>building sewer</i> or <i>combined building sewer</i> , provided (a) the <i>developed length</i> from the outer face of the wall of the <i>building</i> to the manhole nearest the outer face of the wall does not exceed 100 ft (30.5 m), (b) the distance between successive manholes does not exceed 300 ft (91.5 m), and (c) there is no change in slope or direction between manholes."
75	7.5.1.1.(4)(a)	Add the word "and" at the end of the clause.
75	7.5.1.1.(4)(b)	Delete and substitute: "the length of the <i>fixture drain</i> is more than 18 in. (457 mm) and the fall does not exceed the <i>diameter</i> ."
75	7.5.1.1.(4)(c)	Delete.
75	Figure 55	Delete and substitute the following explanatory note and new Fig. 55. "The <i>developed length A</i> of the <i>fixture drain</i> shown in Fig. 55 must be at least 18 in. long. Its length in feet should not exceed its <i>diameter</i> in inches divided by its slope in inches per foot. For example, the maximum length of a <i>fixture drain</i> set at a slope of 1/4 in. per ft for a 3 in. floor drain is 12 ft.

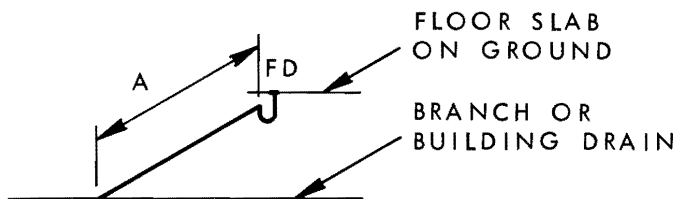
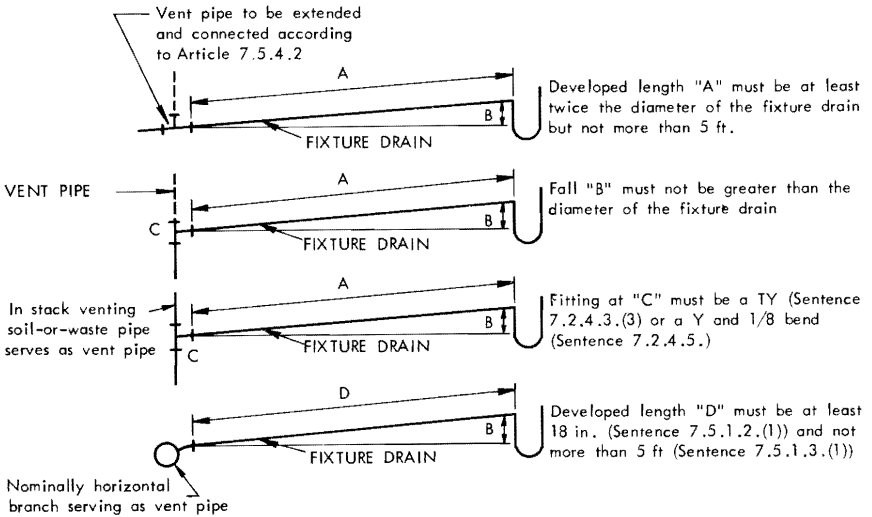


Figure 55 Basement floor drains

75	7.5.1.2.(1)	Add the following note after the end of the sentence: "See Fig. 56(a), page 76."
75	7.5.1.3.(2)	Add the following note after the end of the sentence: "See Fig. 56, page 76."
76	7.5.1.4.	Delete Sentences (1) and (2) and substitute: "(1) The section of the <i>fixture drain</i> between the <i>trap</i> and <i>vent pipe</i> connection shall (a) change direction by not more than 90 deg., or (b) if the <i>trap</i> is an integral <i>trap</i> which discharges vertically, change direction by not more than 180 deg."

76 Fig. 56 Delete Fig. 56a and substitute the following:



(a) Fixtures other than water closets and similar fixtures

Figure 56 Vent connections

- 76 Fig. 56 In Fig. b, add the following after "should not exceed 5 ft.":
 "(Sentence 7.5.1.3.(2))."
- 77 7.5.1.6.(1)(a) In the second line change "part of the *fixture drain*" to read "part of the *branch or fixture drain*".
- 77 7.5.1.7. Delete and substitute:
 "(1) Except as otherwise required in Articles 7.5.1.2. to 7.5.1.4., a section of a *soil-or-waste stack* or of a *branch* that is extended as a *continuous vent* may serve as a *vent pipe* for not more than
 (a) one water closet and three other *fixtures* installed on the same floor, provided
 (i) the *developed length* of each *fixture drain* does not exceed 5 ft (1.5 m),
 (ii) all *fixtures* connect separately and directly into the *soil-or-waste stack* or *branch*,

- (iii) the *fixture drains* of the three other *fixtures* are not more than 1½ in. (38 mm) in *diameter* and connect into the *soil-or-waste stack* or *branch* above the water closet connection, and
- (iv) the *soil-or-waste stack* or *branch* continues full size to the highest *fixture* connection,
- or
- (b) two water closets and three other *fixtures* installed on the same floor provided the installation conforms to the requirements of Clause (a) and the water closets are connected separately and directly into the stack through an *approved double fitting*.”
- 82 Fig. 62 On left hand side of figure, change “(Sentence 7.5.4.3.(1))” to read “(Article 7.5.4.3.)”.
- 85 7.5.4.4.(4)(a) Delete and substitute:
“at least 3 ft (0.9 m) above or 12 ft (3.7 m) in any other direction from every air inlet, openable window or door”.
- 85 7.5.4.4.(4)(b) In the first line change “in any direction” to read “in any other direction”, and delete “and” at the end of the clause.
- 85 7.5.4.4.(4)(c) At the end of the clause add “and”.
- 85 7.5.4.4.(4) Add new clause as follows:
“(d) at least 6 ft (1.8 m) from every property line.”
- 87 Fig. 68 Add the following diagram to the lower left hand corner of Fig. 68.

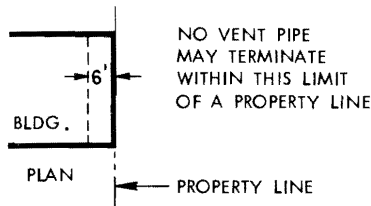


Figure 68 Location of vent pipe terminal

- 111 3.1.2.1.(5) Delete and substitute:
“An arena-type *building* intended for occasional use for trade shows and similar exhibition purposes shall be classified as Group A, Division 3 *occupancy* and when the *building area* of such *building* exceeds 15,000 sq ft the *building* shall be *sprinklered*.”
- 115 3.1.7.7. In first line add “and electric conduit” after “outlet box” and renumber requirement as 3.1.7.7.(1)”. Add new Sentence (2):
“Plastic drain, *waste* and *vent pipe* shall not be used in systems that pass through or are located in a required *fire separation*.”

Page	Code Requirement	Revision
115	3.1.14.1.(1)(b)	Add to the beginning of (b): "unless otherwise <i>approved</i> ."
116	Table 3.1.14.A.	After the entry for " <i>storage garage</i> " change "200" to read "500" in the third column. Delete Item 12 of Assembly Uses Delete Item 4 of Institutional Uses Delete Item 2 of Business and Personal Service Uses but retain "Offices—100" Delete Item 5 of Industrial Uses
118	3.6.4.3.(3)	Delete.
118	3.6.4.	Add new Article 3.6.4.4.: "Glass, other than safety glass, shall not be used for a shower or bathtub enclosure."
120	5.1.1.2.,	In line 2 delete and substitute: "Tables 9.3.3.A or 9.3.3.B as appropriate for the grading rules being applied."
121	List of Standards	Change "B70-1963" to read "B70-1971".
121	List of Standards	Change "B137-1963" to read "B137. 1-1970".
121	List of Standards	Change "34-GP-22, 11 Nov. 1966 (Amended: 30 May 69)" to read "34-GP-22a, Jan. 1970 (Amended: Jan. 1971)".
121	List of Standards	Change "56-GP-1a, 23 Nov. 1962" to read "56-GP-1b, Dec. 1970".
121	List of Standards	Change "77-GP-1, 19 Jan. 1962" to read "77-GP-1a, Nov. 1970" and change the title to read "Caulking Compound, Cementitious Type, Cold Applied, for Pipe Joints".
122	List of Standards	Change "C14-68" to read "C14-70". Add to title "Including Tentative Revision".
122	List of Standards	Change "B16.3.-1963" to read "B16.3-1971".
122	List of Standards	Change "B16.4-1963" to read "B16.4-1971".
122	List of Standards	Change "B16.12-1965" to read "B16.12-1971".
122	List of Standards	Change "B16.15-1964" to read "B16.15-1971" and title to read "Cast Bronze Threaded Fittings, 150 and 300 lb".
122	List of Standards	Change "B16.24-1962" to read "B16.24-1971".
122	List of Standards	Change "Z21.22-1964" to read "Z21.22-1971".
123	9.10.9.10.	In the first line after "duct", add "electrical conduit".
125	Subsection 9.32.5.	to be deleted in its entirety and renumber Subsection 9.32.6. and articles accordingly.