



# Code Amendment Proposal Application

Department of Consumer & Business Services

Building Codes Division

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**Read the entire code amendment proposal application before completing this form. Please complete all parts before submitting your proposal and refer to the provided checklist.**

## APPLICANT INFORMATION

Name: Mike Ditty	Date: 10-30-2022	
Representing (if applicable): Self	Work phone: 503-570-1664	
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City: Tigard	State: OR	Zip: 97224
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## PROPOSAL INFORMATION

Specialty code: OPSC 2021
Code section(s): 1101.4.8
Briefly explain the subject of your proposal: Prohibits the use of short turn fittings in the storm sewer system

## INSTRUCTIONS AND CHECKLIST

Fill in all the information above and submit this page, signed and dated, with the required supplementary information for Parts I, II, III, and IV described on page 2 of this application. This application may be submitted by mail to the mailing address above, or by email to [BCD.PTSPtech@oregon.gov](mailto:BCD.PTSPtech@oregon.gov).

### Summary checklist for the applicant:

- Part I** Code amendment language is attached in the proper format.
- Part II** Amendment proposal requirements for amending the code have been reviewed.
- Part III** Amendment proposal criteria questions have been answered and are attached.
- Part IV** If applicable, additional ORSC energy efficiency amendment proposal information is attached.

**Note:** One application is required for each code section you are proposing to amend. If this proposal requires changes in other sections of the code for alignment, include those changes as part of this application.

## APPLICANT SIGNATURE

Signature:

Date:

**Copyright notice:** By signing this Code Amendment Proposal Application, I understand and acknowledge that the work contained in this application is original, or if not original, I have the right to copy the work. By signing this work, I understand that any rights I may have in this work, including any form of derivative works and compilations, are assigned to the Department of Consumer and Business Services Building Codes Division. I also understand that I do not retain or acquire any rights once this work is used in a Department of Consumer and Business Services Building Codes Division publication.

1101.4.8

**1101.4.8 Fittings.** Sanitary tee branch fittings and 90-degree medium turns shall be permitted for interior and exterior storm drain ~~and storm sewer~~ piping.

Exception: Approved taps shall be permitted on storm sewers per manufacturer's listing.

## Proposal

1. Describe the concept and purpose of this proposal.

*Amending section 1101.4.8 will prohibit the use of short turn fittings in the Building Storm Sewer. If this code section is adopted, along with my proposal to amend 1101.4.2 short turn fittings will be allowed in the 'exterior storm drain' and the 'storm drain' but not in the storm sewer.*

*The fittings in the storm sewer need to follow the requirements of Section 706 and 715.*

2. What problem in the existing Oregon code or national model code is this proposal solving? How does this amendment address the issue? If you have evidence demonstrating the problem, submit that information

*Restoring the use of drainage pattern fittings in the storm sewer will minimize the change of obstruction. Roofing materials, debris, leaves and dirt from crawl space drains absolutely enter the storm sewer. Construction methods have been approved for a long time that would allow the use of medium turn fittings on the foundation for leader boots. Every such boot is also a cleanout and this piping is generally very shallow and easy to locate to repair or unclog. The sewer is not so easy to access. They plug up and trying to get a cable through short turn fittings is very difficult if not impossible.*

3. Has this been proposed at the national model code level. If so, explain when it was proposed, what happened, and why it was not adopted. Provide all associated national model code hearing information and background.

*Unknown*

## Implementation and fiscal impact

1. Explain how the proposed provisions would be enforced? Are additional inspections or permits required?

*Enforcement in the usual manner through jurisdictional authority*

Describe any necessary equipment, training, tests or special certifications.

*No new requirement other than code change class*

2. What is the fiscal impact of this proposal? Provide a cost benefit analysis and include the resources or methods you used to determine the fiscal impact.

*This would reduce the cost of underfloor plumbing. Additional pipe, fittings, supports and the labor to install them would be reduced.*

## Impacted stakeholders and other specialty codes

1. It is important that proposals be shared with stakeholders that will be impacted by them. Was this proposal developed with people or organizations likely to be affected by it? Has it been

reviewed or shared with people or organizations likely to be affected by it? If so, who, and if not, why not?

*It is not known by the submitter if others have attempted to submit any proposal. To this proposer's knowledge there are no stakeholders that will be 'singled out' but this code change. I would guess the Oregon Homebuilders Assoc. would appreciate a cheaper plumbing system.*

2. Does this proposal impact other specialty codes or statewide programs?

*No.*