

T.P.I.

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Underground

- Roll vents up on 45.
- More than one 90 degree turn requires cleanout.
- Foundation must be backfilled and have ladder ready.
- Stack test

Rough

- Roll vents up on 45.
- Hangers every 4' maximum on pvc.
- J-hooks upside down to have support under pipe.
- 75lb air test or water on.
- 25lb air test on gas pipe.
- Kitchen sink vents cannot be run horizontal below spill level.
- Maximum 4' from vent to trap on kitchen sink waste arm.
- Maximum one lav into water closet for wet vent.
- Need cleanout at base of stacks in basement.
- Ejector must discharge into 4" pipe.
- Main water line to be full size to heater and first set of risers.
- Future vents more than ten feet from ejector basin must be connected.
- Brace all water pipe. Brace look out for bathtub spout.
- Maximum 6 d.f.u. on 2" horizontal waste.
- Master bath tub hand-sprayers must have a dual check.
- Dual check required on water supply to steam units.

Final

- Min hot water 120/f
- Set shower temps between 85-115/f, set at shower valves not water heater
- Shower hand held sprayer req's vacuum breaker, asse 1014, csa 125
- Toilets tight and don't rock. Install toilets bolt caps.
- Seal around all pipes through walls
- Grate on floor drain.
- Pipe relief valve on heater to within 6" of floor.
- Gaskets installed on ejector lid and all bolts installed.

- Future waste pipe capped off.
- Future water capped within two feet of main.
- Everything must be complete.
- Laundry tubs must be secured.
- Double wye with a clean out required on kitchen sink.
- Vacuum breaker on all hose threads
- Vents in laundry must connect min 6" above spill level
- Storm sump pit to be 2" above finished floor or a sealed pit lid
- 2" glue type stop valve and check valve req'd for ejector pit discharge
- Seperate water shut off valves for kitchen sink faucet, dishwasher, filter water and insta-hot
- Long sweep 90-degree elbows required on island vent below floor, see illustration
- Provide access panels for clean outs and shut-off valves
- Secure garbage disposer all the way
- Dishwasher discharge hose to be secured and up to the bottom of the countertop
- Dishwasher cannot discharge through garbage disposer
- If garbage disposer and dishwasher are installed, 2" waste req'd for kitchen sink with full size clean out

Lawn sprinkler inspections

- Protect drain down valve from back flow
- Pressure gauge, pressure switch and low pressure cut off switch required
- Protect all hose connections from back flow

General

- All work to be done per Illinois State Plumbing Code 890 and Wilmette Village Code Chapters 9 and 18
- Licensed IL plumbing contractor and IL plumber to complete work

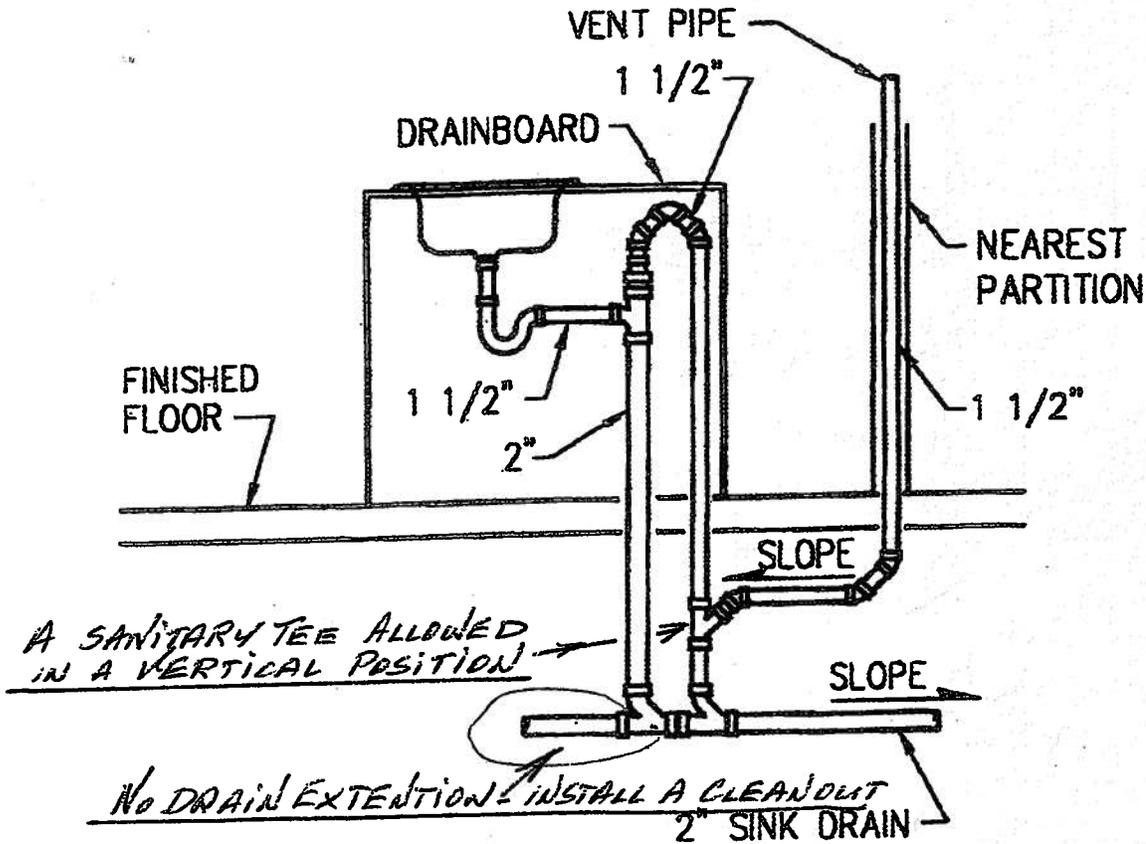
**77 ILLINOIS ADMINISTRATIVE CODE, PART 890
ILLINOIS PLUMBING CODE (02/04)**

Section 890.Appendix K Illustrations for Subpart K

ILLUSTRATION GG Special Venting for Island Fixtures

(Referenced in Section 890.1600(b))

Master
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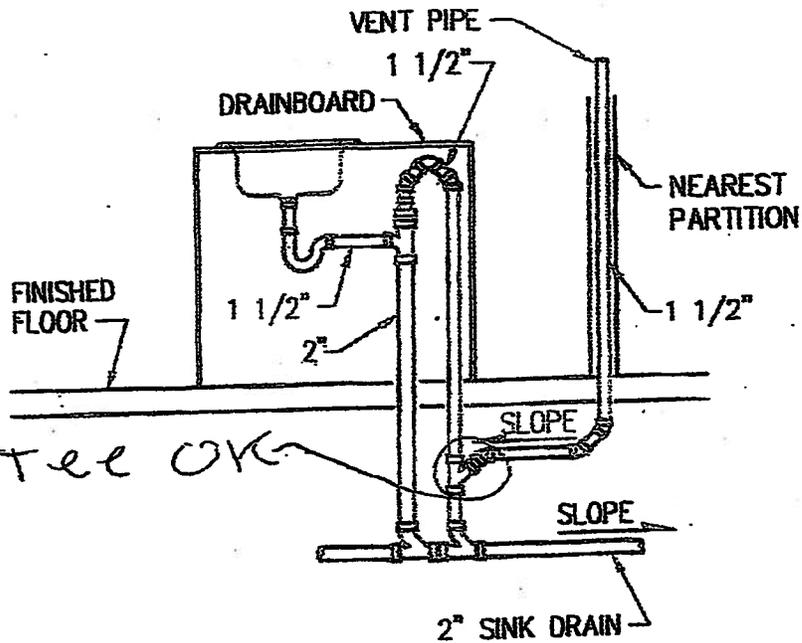


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Section 890. Appendix K Illustrations for Subpart K

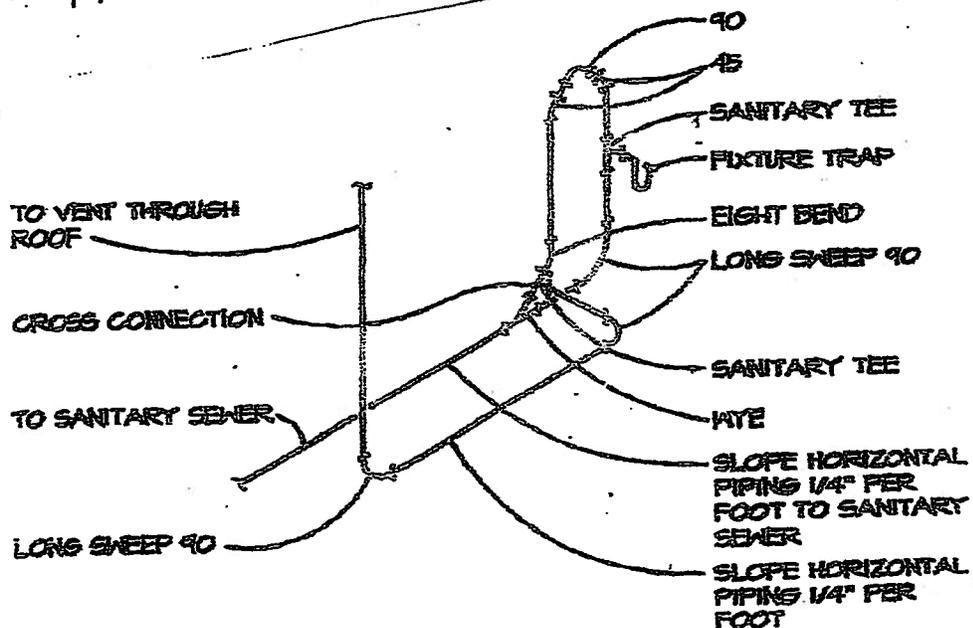
ILLUSTRATION GG Special Venting for Island Fixtures

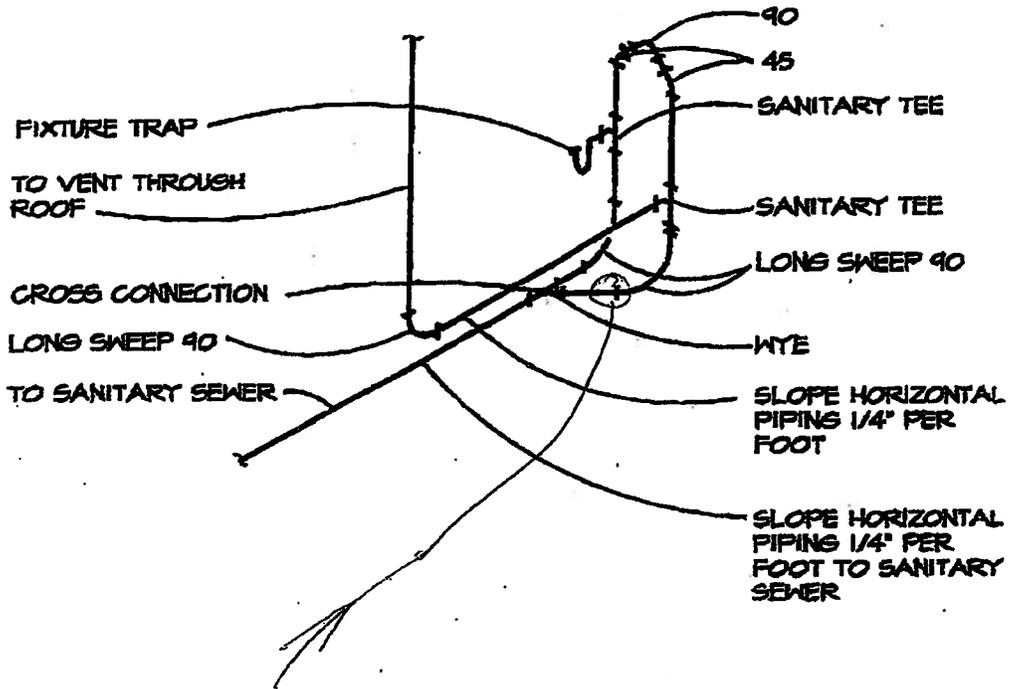
(Referenced in Section 890.1600(b))



Sanitary Tee OK

Option 1 - Approved

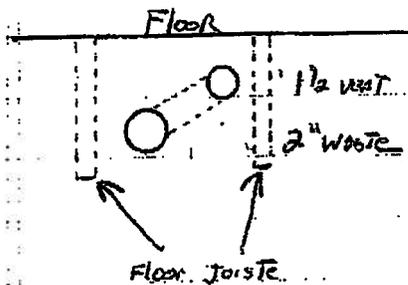
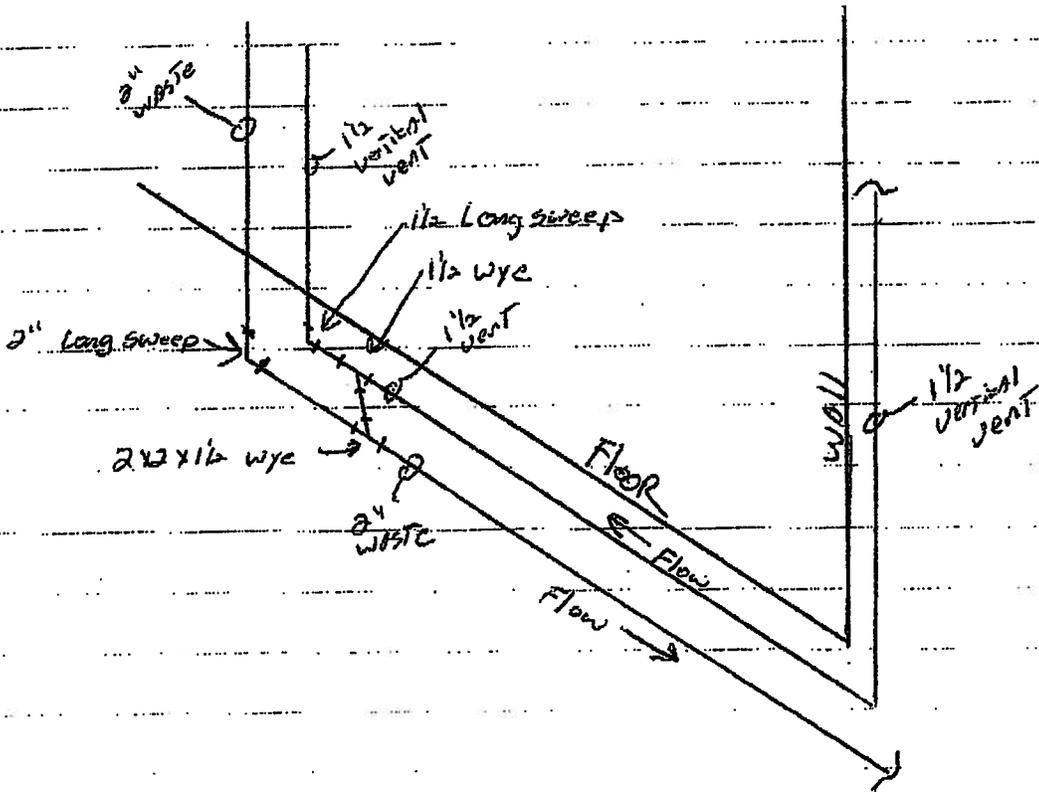




HORIZONTAL VENT NOT ALLOWED
AT SAME ELEVATION THAN DRAIN LINE

DETAIL-ISLAND VENT #2 No

OPTION #2 NOT APPROVED. SECTION 890.1450-VENT GRADE.



1 1/2 vent rod'd up higher than waste

3 NO
NOT OK

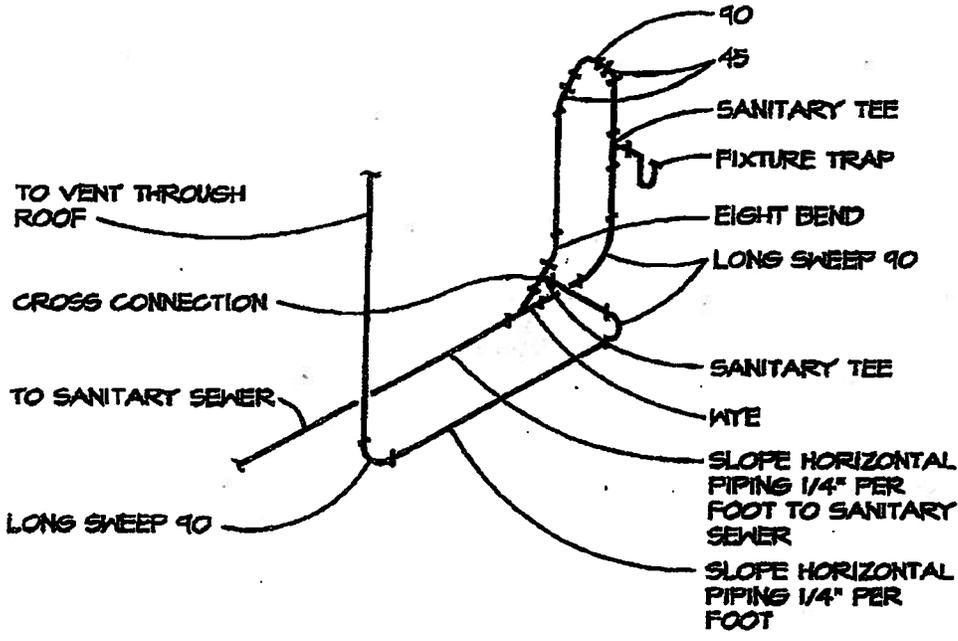
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- d) Long mains shall be provided with additional relief vents located at intervals of every one hundred feet. (See Appendix K: Illustration FF.)

Section 890.1600 Special Venting for Island Fixtures

- a) Traps for island sinks and similar equipment shall be roughed-in above the floor and shall be vented by extending the vent as high as possible, but at least the drainboard height and then returning it downward and connecting it to the horizontal sink drain immediately down stream from the vertical fixture drain. Back-to-back island vented fixtures shall meet the requirements of Section 890.1460.
- b) The returned vent shall be connected to the horizontal drain through a wye-branch fitting and shall be provided with a vent taken off the vertical fixture vent by means of a wye-branch immediately below the floor and extending to the nearest partition and then through the roof to the outside atmosphere or may be connected to other vents at a point at least 6 inches above the flood level rim of the fixture served. ~~Drainage fittings shall be used on all parts of the vent below the floor level and a minimum grade of 1/4 inch per foot back to the drain shall be maintained.~~ The returned bend used under the drainboard shall be a one-piece fitting or assembly of a 45°, a 90°, and a 45° elbow in the order named. (See Section 890.1340 and Appendix K: Illustration GG.)

(Source: Amended at 28 Ill. Reg. 4215, effective February 18, 2004)



OK, *Alarbus* 4/1/08

DETAIL-ISLAND VENT

1 YES

OPTIN # 1 APPROVED