

REVIEW	FIRST	SECOND	THIRD	FOURTH
DATE				

PLAN REVIEW CORRECTION LIST

PLUMBING (Effective January 1, 2008)

Project Address Locality Plan Check Number

Owner/Agent Mailing Address (Number & Street)

City, State and Zip Code Phone Number

INSTRUCTIONS

- Circled item numbers on the following list identify required corrections. Code references following each item refer to California Plumbing Code (CPC) 2007 edition, Ventura County Building Code (VCBC), California Business and Professions Code (BPC), California Building Code (CBC) 2007 edition.
- Corrections shall be made on the tracings. Three new sets of prints from the corrected tracings must be submitted for recheck, along with the marked-up set of drawings which was originally submitted for plan review.
- Minor corrections may be made on plans, in ink, when approved by the plan checker. Such corrections shall be initialed by the person responsible for the design.
- RETURN THIS LIST with corrected plans forms, and energy calculations. To facilitate rechecking, indicate (on the line to the left of any item circled below) the sheet number of your drawings where required corrections are shown.
- The drawings you originally submitted for plan review, marked for correction, are available at the Division of Building and Safety office in (Ventura) (East County).

SEWER PIPING

- __ 4. Show location of public sewer on plot plans and identify as public.
- __ 5. Show private sewer from public sewer to building(s) on plot plan and identify as private.
- __ 6. Show private sewer pipe size on plot plans. CPC 703.0
- __ 7. Show cleanout at connections to building main drain brought to grade. CPC 719.3
- __ 8. Show cleanouts each 100' brought to grade. CPC 719.1
- __ 9. Show method of protection for cleanouts in traffic areas. CPC 719.4 and 719.5
- __ 10. Call-out, on plans, material(s) for sewer serving industrial wastes. CPC 715.0
- __ 11. Show method of protection to keep rain or surface water from entering Sanitary Sewer. CPC 714.2

WASTE AND VENT PIPING

GENERAL REQUIREMENTS

- __ 1. Incomplete, inconsistent or illegible drawings and/or calculations are unacceptable. VCBC 106.3.3
- __ 2. Refer to comments on the marked-up set of plans.
- __ 3. Refer to marked-up set of plans, and make the changes indicated by the comments circled in black ink.

- __ 12. Show size(s) of drainage, waste and vent system on plumbing floor plan. CPC 703.0
- __ 13. Call-out drainage, waste and vent pipe material. CPC 903.0, 903.1, 903.1.2, and 903.1.3.
- __ 14. Call-out drainage, waste and vent piping materials for chemical or industrial wastes. CPC 811.0, 811.1, 811.2

- _ 15. Provide isometric drawing(s) of all drainage, waste and vent piping, and call-out fixture units at each branch. CPC Table 7-3
- _ 16. Show cleanouts to be in compliance with CPC 707.0
- _ 17. Show trap primers for trap seal protection for floor sinks or floor drains. Show means of priming trap. CPC 1007.0
- _ 18. Provide isometric drawings for battery fixture installation if used. CPC Appendix A
- _ 19. Show combination waste & vent system to comply with CPC 910.0, Appendix B

WATER PIPE

- _ 20. Show location and size of all water meters and all water service piping to building on plot plans.
- _ 21. Show water piping system length and pipe sizes on plumbing floor plans. CPC 610, Appendix A
- _ 22. Call-out, on plans, type of pipe material to be used. CPC 604.1
- _ 23. Call-out, on plans, the minimum water pressure to be maintained at meter, over 80 psi requires pressure regulator. CPC 608.0 and 608.1
- _ 24. Call-out type of backflow protection for domestic water supply. Provide calculations for water piping per CPC 603.0, 603.2, and Appendix A.
- _ 25. Hot water piping shall be insulated as per energy conservation standards, CBC 1115B.4.3 item 4.
- _ 26. Add this note to the plans: The plumbing fixtures and plumbing fitting shall meet the standards noted below.
 - (a) water closet = 1.6 gallons per flush max
 - (b) urinal = 1.0 gallons per flush max
 - (c) showerhead = 2.5 gpm max
 - (d) lavatory faucets = 2.2 gpm max
 - (e) sink faucets = 2.2 gpm max

FIXTURES

- _ 27. Show point of discharge of condensate drain from air conditioning unit or evaporating unit if used. CPC 814.0, 814.1, and 814.2.
- _ 28. Provide required plumbing fixtures in compliance with CPC Tables A and 4-1 for the occupancy load shown on the architectural plans. CPC 412.0
- _ 29. Note on plans that water closets for public use are to be elongated bowls with open front toilet seat. CPC 408.1
- _ 30. Water closets, urinals, lavatories, shall comply to handicapped regulations. CBC 1115 B.4.2
- _ 31. "Shower shall be provided with shower control valves of the pressure balance or the thermostatic mixing valve type. Also deliver maximum of 120°F temperature." CPC 413.1 and 418.0

ROOF DRAINAGE

- _ 32. Rainwater system shall be based on rainfall per hour and design according to CPC Table D-1 and 1101.11.
- _ 33. Show roof drain piping; size, location, material and grade of horizontal piping. CPC 1101.3
- _ 34. Show roof overflow piping; size, location, material and grade of horizontal piping. CPC 1101.11.2.2
- _ 35. Overflow drains shall be independent of roof drains to point of termination. CPC 1101.11.2.2.1
- _ 36. Note that rainwater piping within the building shall be of material approved for waste piping. UPC. 1101.3

WATER HEATERS

- _ 37. Show method of providing combustion air. CPC 507.1.2, 507.3
- _ 38. Show detail of vent to atmosphere.
- _ 39. To meet outdoor combustion air requirements, provide detail of combined vent, size, material, etc. CPC 507
- _ 40. Show temperature and pressure relief valves. CPC 505.0, 506.2
- _ 41. Show point of discharge for temperature and pressure relief valves. CPC 1307(e)
- _ 42. Note on plans water heater vent shall terminate 4' (min.) from property line. CPC 505.4, 505.5, and 505.6
- _ 43. Water heater prohibited in following locations:
 - (a) bathroom/bedroom
 - (b) confined space with opening into bathroom or bedroom. CPC 510.8, 906.1, and 906.2
- _ 44. Provide anchorage to water heater to nearest horizontal displacement due to earthquake motion. CPC 508.1, 508.2.1
- _ 45. Note on plans water heater requires _____ square inch(es) combustion air/1000 btu. CPC 507.0, 507.2.1

GAS PIPING

- _ 46. Show location of all gas meters and all gas piping on outlet side of meters on plot plan. CPC 1201.0 and 1202.0
- _ 47. Show gas piping system and pipe size on plumbing floor plans. CPC 1217.3
- _ 48. Gas piping not permitted under slab of any buildings. CPC 1211.1 and 1211.2.5
- _ 49. Show BUT and CFT/Hour at each outlet.

