



PLAN CHECK CORRECTION SHEET FOR ON-SITE TREATED NONPOTABLE GRAY WATER SYSTEMS 2017 LAPC

This is intended to provide uniform application of the codes by the plan check staff and to help the public apply the codes correctly.

Section: Mechanical Plan Check

Plan Check/PCIS Application No.:

Date:

Job Address:

Applicant Name:

Address:

Phone:

City/State/Zip:

E-mail:

Plan Check Engineer:

Telephone:

E-mail:

firstname.lastname@lacity.org

Your feedback is important; please visit our website to complete a Customer Survey at www.ladbs.org/LADBSWeb/customer-survey.jsf.

If you have any questions or need clarification on any plan check matters, please contact a plan check supervisor or call our Customer Hotline at (213) 482-0056.

Your plans have been examined and the issuance of a permit is withheld for the reasons set forth. The approval of plans and specifications does not permit the violation of any section of the Code, or other local ordinance or state law.

INSTRUCTIONS:

- Corrections with circled item numbers apply to this plan check.
- Additional corrections are at the end of the list.
- Incomplete or non-legible drawings or calculations will not be accepted.
- Incorporate all comments as marked on the checked set of plans and calculations and this correction sheet.
- For each correction indicate the sheet number and detail or note number on the plans where the corrections are made.
- **WHEN YOU HAVE COMPLIED WITH ALL CORRECTIONS, CALL OR EMAIL THE PLAN CHECK ENGINEER TO MAKE AN APPOINTMENT FOR VERIFICATION**
- **PLEASE BRING THE MARKED UP PLANS AND THE CORRECTIONS SHEET TO THE VERIFICATION APPOINTMENT**

SEE MARKED UP PLANS FOR CLARIFICATIONS OF CORRECTIONS.

As a covered entity under Title II of the Americans with Disabilities Act, the City of Los Angeles does not discriminate on the basis of disability and, upon request will provide reasonable accommodation to ensure equal access to its programs, services and activities.

NOTES ON PLANS

1. Plans shall bear, in every sheet, the registration or license number and signature of an architect, contractor, or engineer, registered in the appropriate classification by the State of California. (State of California Business and Professional Code Div. 3, Chap. 7, Art. 3, Sec. 6735.4; LAPC 101.5.2; LAPC 101.5.6; LAPC 103.2.1; LAPC 1501.2)
2. Indicate the job address on each sheet of the plans. (LAPC 101.5.1; LAPC 103.2.2)
3. On-site treated nonpotable gray water system and components shall be inspected and maintained in accordance with the manufacturer's recommendations. (LAPC 1501.5)
4. An operation and maintenance manual shall be provided to the owner, and is to remain with the building throughout the life of the system and upon change or ownership or occupancy. (LAPC 1501.6)
5. No changes or connections shall be made to either the on-site treated nonpotable gray water or the potable water system without approval from LADBS. (LAPC 1504.3)

PLAN DETAILS

6. Prior to approval of plans, provide approval from the County of Los Angeles, Department of Public Health, Cross Connection and Water Pollution Control Program, 5050 Commerce Dr., Baldwin Park, CA 91706, (626) 430-5290. (LAPC 1501.3)
7. Plans shall be legible, and the drawing scale shall not be smaller than 1/8 inch per foot. (LAPC 101.5.4)
8. Provide lot subdivision. On-site treated nonpotable graywater pipes shall not cross lot lines. (LAPC 1502.4)
9. Provide riser diagrams for the entire recycled water system. (LAPC 101.5.3; LAPC 103.2.1).
10. The riser diagram shall show all the fixtures served including the pipe sizes and the fixture unit count on each section of pipe, and show the location of the proposed on-site treated nonpotable gray water system. (LAPC 101.5.3; LAPC 103.2.1; LAPC 1504.2)
11. On-site treated nonpotable gray water shall be used to supply only water closets, urinals, trap primers for floor drains and floor sinks, above and belowground irrigation. (LAPC 1504.1)
12. Approved nonpotable water sources for reuse by gray water systems include swimming pool

backwash operations, air conditioner condensate, rainwater, cooling tower blow-down water, foundation drainage, steam system condensate, fluid cooler discharge water, food steamer discharge water, combination oven discharge water, industrial process water and fire pump test water. (LAPC 1504.1)

13. On-site treated nonpotable gray water supply and distribution system materials shall comply with the requirements for potable water. (LAPC 1504.6; LAPC 604.0)
14. Devices or equipment used to treat on-site treated nonpotable gray water shall be listed. Equipment shall be listed to NSF 350 standards. (LAPC 1504.7)
15. Since potable or reclaimed (recycled) water is used for make-up water for a non-pressurized storage tank, the make-up water supply shall be protected by an air gap or reduced-pressure principle backflow preventer. (LAPC 1504.4)
16. Where on-site treated nonpotable water and potable water pipes are buried in the same trench, they shall maintain a 12 inch minimum vertical and horizontal separation, with the potable water pipe installed at the higher elevation. (LAPC 1504.10.4)
17. The minimum water quality shall meet or exceed the requirements of NSF 350. (LAPC 1504.10.2; LAPC 1501.7)
18. Provide filters that permit the passage of particulates no larger than 100 microns. (LAPC 1504.10.5)

CALCULATIONS

19. Provide hydraulic calculations for sizing the on-site treated nonpotable gray water piping. (LAPC 1501.14; LAPC 610.0)
20. The minimum water pressure supplied to the most remote fixture shall be not less than the requirements of that fixture and not less than 15 PSI, whichever is higher. (LAPC 608.1)
21. Provide calculations showing the total available on-site treated nonpotable gray water and the required demand. (LAPC 103.2.1)

Additional Corrections		Code Section