



**City of Los Angeles
SOIL/GEOLOGY REPORT APPROVAL LIST
POOL AND/OR DECK**

LOG# _____	DATE _____	SOIL/GEOLOGY FILE - 2
JOB ADDRESS _____	DISTRICT OFFICE _____	
TRACT _____	COUNTY REF. # _____	
BLOCK _____		
LOT _____	ARB _____	
CURRENT REPORT _____	DATED _____	
CURRENT REPORT _____	DATED _____	
OVERSIZED DOCUMENTS	X-REF _____	DATED _____
PREVIOUS REPORT(S) _____	DATED _____	
PREVIOUS REPORT(S) _____	DATED _____	
PROJECT DESCRIPTION/COMMENTS _____		

REVIEWED BY _____	TELEPHONE _____	
REVIEWED BY _____	TELEPHONE _____	
<p align="center">POOLS AND DECKS ARE EXEMPT FROM SEISMIC HAZARD ZONE REQUIREMENTS</p> <p>The geology/soil engineering report(s) have been reviewed by the Grading Section of the Department and have been found to be acceptable provided the proposed construction complies with the conditions specified in this letter. The approval of the reports does not permit the violation of any section of the Building Code, or other local ordinance or state law.</p> <p>NOTE: Numbers in parenthesis () refer to Code sections of the 1999 edition of the City of Los Angeles Building Code, Information Bulletin (P/BC).</p>		
<u>INSTRUCTIONS</u>		
<ul style="list-style-type: none"> ● All of the following listed and circled conditions shall apply: _____ _____ ● One copy of the subject geologic/soil engineering reports and this approval letter shall be attached to the field set of plans and one copy shall be provided to the Department Plan Checker prior to issuance of the permits. 		

PLANS

engineer and that the plans include the recommendations contained in their reports.

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| <ol style="list-style-type: none"> 1. The geologist/soils engineer shall review and approve the detailed plans prior to issuance of any permits. This approval shall be by signature on the plans which clearly indicates that the geologist and soils engineer have reviewed the plans prepared by the design | <ol style="list-style-type: none"> 2. All recommendations of the report(s) which are in addition to or more restrictive than the conditions contained herein shall be incorporated into the plans. 3. All conditions of the Department letter(s) dated |
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Log# _____

_____ shall apply, except as superseded herein.

FOOTINGS/SLABS

- 7. All footings shall be founded in _____, as recommended.
- 8. Footings adjacent to a descending slope steeper than 3:1 in gradient shall be located a distance of one-third the vertical height of the slope but need not exceed 40 feet measured horizontally from the face of the slope; for in-ground pools the footing setback shall be one-sixth the slope height to a maximum of 20 feet. (1806.5.3)(Figure 18-I-1)
- 9. Footings may be designed with a horizontal setback from the _____ of _____ feet, as recommended, in lieu of the standard setback prescribed by the Building Code. (1806.5.6)
- 10. Pile, caisson and/or isolated foundation ties are required by Code Section 1807.2. Exceptions and modification to this requirement are provided in Information Bulletin P/BC 2001-30.
- 11. Pile and/or caisson shafts shall be designed for a lateral load of 1000 pounds per linear foot of shaft exposed to fill, soil and weathered bedrock. (P/BC 2001-50)
- 12. Existing uncertified fill shall not be used for support of footings, concrete slabs or new fill.
- 13. All loose foundation excavation material shall be removed. Slopes disturbed by construction activities shall be restored.

GRADING

- 14. A grading permit shall be obtained.
- 15. All man-made fill shall be compacted to a minimum 90 percent of the maximum dry density of the fill material per the latest version of ASTM D 1557; Where cohesionless soil having less than 15 percent finer than 0.005 millimeters is used for fill, it shall be compacted to a minimum of 95 percent relative compaction based on maximum dry density.

DRAINAGE

- 16. Pool deck drainage shall be collected and conducted to an approved location via a non-erosive device.
- 17. All deck drainage shall be collected and conducted to an approved location in a non-erosive device, or the deck shall be constructed with open-spaced flooring.
- 18. All deck drainage shall be collected and conducted to an approved location in a non-erosive device.

POOLS

- 19. The proposed swimming pool shall be designed for a freestanding condition. (P/BC 2001-01)
- 20. The pool shall be designed for expansive soil conditions. (P/BC 2001-14)
- 21. Pools adjacent to ascending slopes shall be set back from the toe of the slope a level distance equal to one-fourth the vertical height of the slope, but need not exceed 7.5 feet. (1806.5.4)

TEMPORARY EXCAVATIONS/RETAINING WALLS

- 22. The applicant is advised that the approval of this report does not waive the requirements for excavations contained in the State Construction Safety Orders enforced by the State Division of Industrial Safety.
- 23. Unsurcharged temporary excavations may be cut vertical up to a height of _____ feet. Portions of the excavation above this height shall be trimmed to no steeper than _____ (horizontal to vertical), as recommended.

CONSTRUCTION INSPECTION AND REPORTING

- 24. Prior to the placing of compacted fill, a representative of the consulting soil engineer shall inspect and approve the bottom excavations. He shall post a notice on the job site for the City Grading Inspector and the Contractor stating that the soil inspected meets the conditions of the report, but that no fill shall be placed until the City Grading Inspector has also inspected and approved the bottom excavations. A written certification to this effect shall be filed with the Department upon completion of the work. The fill shall be placed under the inspection and approval of the soil engineer. A compaction report shall be submitted to the Department upon completion of the compaction.
- 25. Prior to the pouring of concrete, a representative of the consulting geologist and soil engineer shall inspect and approve the footing excavations. He shall post a notice on the job site for the City Building Inspector and the Contractor stating that the work so inspected meets the conditions of the report, but that no concrete shall be poured until the City Building Inspector has also inspected and approved the footing excavations. A written certification to this effect shall be filed with the Department upon completion of the work.

ADDITIONAL COMMENTS

Log# _____
