

CITY OF LOS ANGELES BUREAU OF ENGINEERING
GRADING PLAN SUBMITTAL REQUIREMENTS

Title: _____

Permit No. _____ Engineering District: _____

SUPPORTING DATA

1. Completed Grading Plan Check list.
2. If exterior street improvements only, provide proof of payment of plan check deposit fee.
3. If internal streets as well, (Private or Public), in addition to plan check fees, submit proof of payment for inspection fee.
4. Copy of Clearance Summary Sheet with copy of receipt.
5. Copy of Engineering Conditions/Requirements.
6. Approved Grading Plan from Building and Safety.
7. Proof of Highway Dedication (if applicable).
8. Hydraulic /Hydrology calculations for site discharge.
9. Copy of corresponding proposed Street improvement plan.

SIGNATURE (PRIVATE ENGINEER)

R.C.E. NO.

DATE

Received By: _____

GRADING PLAN CHECKLIST

Title: _____ Date: _____

Tract, PM, ZA, or CPC No.: _____ B Permit No. _____

_____ Signature (Private Engineer)	Civil Registration Number _____
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Each item is to be checked either: 'OK', or 'N/A' (Not Applicable). *'NG' (No Good), City Use Only

No.	Item	OK	N/A	*NG
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GENERAL

1	Copy of B & S grading permit w/cash register receipt and B & S clearance sheet.			
2	Review Engineering conditions (Planning Case/Tract/PM/R3/Hillside) for dedication and improvements required. If dedication is required, submit package to Public Counter.			
3	Public Works Grading notes required on sheet 1 of plans.			
4	All sheets are to be signed and sealed by the Civil and Geotechnical Engineers.			
5	Obtain required permits from other agencies (L.A. County, Industrial waste, etc.) as necessary.			
6	<u>Grading Plan review/approval with external street improvements only:</u> Payment of B-permit Plan Check Deposit is required (widening of exterior streets along frontage of the development only.) <u>Grading Plan review/approval with both external and internal street improvements:</u> Payment of both B-permit Plan Check and Inspection Deposits are required prior to approval of the plans.			
7	Is off-site grading required on neighboring/adjacent properties? Show right-of-way entry letter on grading plan.			
8	Check that all proposed grading does not affect the Public R/W or public easements			
9	Is there excavation adjacent to public right-of-way/easements? Lateral support bond may be required.			

DRAINAGE

10	Review for drainage into public streets, storm drains, watercourses or other available outlets.			
11	Check that velocity from outlets to the street does not exceed 7 fps and that they outlet between 30 to 60 degrees.			
12	Hydraulics and hydrology sufficient to determine if drainage system will work.			
13	Check that a diversion of runoff has not been created. No back grading of lots diverting flow.			
14	Storm drains in private streets require note for inscribing 'PVT SD' on MH lid.			
15	Private drain draining into County channel or Corps of Engineers channel require note and permit number.			
16	Check for sumps. Try to provide secondary escape path or Q_{100} elevation should be 1' lower than lowest finish floor.			
17	No Public Water is allowed to enter the private street/property.			

Grading Plan Checklist

B Permit No. _____

Each item is to be checked either: 'OK', or 'N/A' (Not Applicable). *'NG' (No Good), City Use Only

No.	Item	OK	N/A	*NG
18	Check that development does not cause concentrated flows on neighboring land downstream.			
19	Check that flood hazard statement is on file. Ordinance 154,405.			

STREET

20	New subdivisions: Street grades $\leq 15\%$, Check vertical curves for length location and sight distance also horizontal curves. Visibility triangle for intersections.			
21	Grades reduce to 3% at approach to main or secondary streets.			
22	Is there subterranean parking? Submit driveway profile, 1"=2', from centerline to finish floor of parking garage.			
23	Public improvements must conform with ADA requirements (sidewalk, driveways, access ramps etc.)			
24	Check that street grades shown match the submitted Street Plan @ PL.			
25	Show street dimensions.			
26	Check that all driveways are shown with elevations at the PL, and flow-line at center of approach and are consistent with the Street Plan.			

WATERCOURSE/ EASEMENTS

27	Check that all public easements and watercourses are shown.			
28	Check for construction in watercourses or public easements.			
29	Construction in an existing public easement is not allowed without approval from the respective Engineering District. If approved, provide recorded Acknowledgement of Easement			
30	If existing drainage easement is not active and no longer necessary, apply for an easement quit claim to eliminate drainage easements.			
31	Where no public improvements are required and construction is in a watercourse a watercourse permit is required.			