

GENERAL GRADING NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH ALL PROVISIONS OF GRADING ORDINANCE NOS. 1494, 1839, AND 2033 OF THE CITY OF WEST COVINA AND APPENDIX J OF THE CALIFORNIA BUILDING CODE, (CBC), LATEST EDITION.
2. MAXIMUM SLOPES SHALL BE 2:1 FOR CUT AND FILL UNLESS OTHERWISE DIRECTED.
3. FILLS ARE TO BE COMPACTED TO NOT LESS THAN 90% OF MAXIMUM DENSITY AS DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D1557-70 AND CERTIFIED BY THE SOILS ENGINEER. FILL LAYERS NOT TO EXCEED 6" EACH.
4. NO FILLS SHALL BE PLACED UNTIL VEGETATION HAS BEEN REMOVED AND SUB-GRADE PREPARED PER CHAPTER 33 OF THE UBC AND APPLICABLE ORDINANCES AND APPROVED BY THE SOILS ENGINEER.
5. NO ROCK OR LUMPS WITH GREATER THAN 6" DIAMETER SHALL BE PLACED IN THE FILL UNLESS SUCH PLACEMENT IS APPROVED BY THE SOILS ENGINEER.
6. IMPORT MATERIALS SHALL BE TESTED AND CERTIFIED BY THE SOILS ENGINEER PRIOR TO PLACEMENT.
7. NO WORK WHATSOEVER SHALL BE STARTED WITHOUT FIRST NOTIFYING THE GRADING INSPECTOR AND THE SOILS ENGINEER.
8. EXCESS SOIL SHALL BE DISPOSED OF OFF-SITE.
9. DUST SHALL BE CONTROLLED BY WATERING.
10. AS APPROVED BY THE PERMITTEE'S CIVIL ENGINEER, PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS MUST BE USED TO PROTECT ADJOINING PROPERTIES DURING GRADING.
11. THE PERMITTEE SHALL NOTIFY THE CITY ENGINEER WHEN THE GRADING IS READY FOR ROUGH GRADE REVIEW. ALL WORK, INCLUDING INSTALLATION OF ALL DRAINAGE STRUCTURES AND PROTECTIVE DEVICES, MUST BE COMPLETED AND REQUIRED REPORTS SUBMITTED PRIOR TO ROUGH GRADE REVIEW.
12. THE PERMITTEE'S CIVIL ENGINEER SHALL EXERCISE SUFFICIENT SUPERVISORY CONTROL DURING CONSTRUCTION AND GRADING TO ENSURE COMPLIANCE WITH THESE PLANS.
13. THE PERMITTEE'S CIVIL ENGINEER SHALL PROVIDE A MINIMUM OF ONE BLUE TOP, SET AT THE HIGHEST POINT IN THE FINISHED DRAINAGE SWALE.
14. ANY DAMAGE CAUSED DURING THE GRADING OPERATION MUST BE CORRECTED PRIOR TO THE FINAL CERTIFICATION OF THE GRADING.
15. ALL RECOMMENDATIONS OF THE SOIL ENGINEER'S REPORT AND ALL SUBSEQUENT REPORTS, ADDENDUM, AND RECOMMENDATIONS, ETC., SHALL BE CONSIDERED A PART OF THIS GRADING PLAN AND SHALL BE COMPLIED WITH. THE GRADING OPERATION SHALL BE CONDUCTED UNDER THE SUPERVISION OF THE SOILS ENGINEER.
16. A BOND IN AN AMOUNT SUFFICIENT TO COVER THE COST OF THE PROJECT IS REQUIRED.
17. CUBIC YARDS OF CUT _____; CUBIC YARDS OF FILL _____; CUBIC YARDS OF IMPORT _____.
18. AN EROSION CONTROL PLAN PREPARED BY THE PERMITTEE'S CIVIL ENGINEER SHALL BE SUBMITTED TO THE CITY ENGINEER AS PART OF THE GRADING PLAN. ALL EROSION CONTROL DEVICES SHALL BE PROVIDED AND MAINTAINED DURING CONSTRUCTION AND SHALL BE IN PLACE AT THE END OF EACH DAY'S WORK.
19. ALL ON SITE IMPROVEMENTS, EXCEPT GRADING SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (LATEST EDITION).
20. AN EXCAVATION PERMIT FROM THE CITY MUST BE OBTAINED BY THE CONTRACTOR BEFORE STARTING ANY WORK.
21. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NUMBER 811, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT ISSUED BY THE ENGINEERING DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES WILL BE VALID UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY USA.
22. ANY MODIFICATIONS OF OR CHANGES IN APPROVED GRADING PLANS MUST BE APPROVED BY THE CITY ENGINEER.
23. A COPY OF THE GRADING PERMIT AND APPROVED GRADING PLAN MUST BE IN THE POSSESSION OF A RESPONSIBLE PERSON AND AVAILABLE AT SITE.
24. ENGINEER MUST SET GRADE STAKES FOR ALL DRAINAGE DEVICES AND OBTAIN INSPECTION BEFORE POURING.

25. ALL STORM DRAIN WORK IS TO BE DONE UNDER CONTINUOUS INSPECTION BY THE FIELD ENGINEER. WEEKLY STATUS REPORTS SHALL BE SUBMITTED BY THE FIELD ENGINEER TO THE ENGINEERING DIVISION.
26. PROVISIONS SHALL BE MADE FOR CONTRIBUTORY DRAINAGE AT ALL TIME.
27. BENCH MARK DATA
28. SHOW EXISTING DRIVEWAY APPROACHES AND WHEELCHAIR RAMPS. IFF EXISTING DOES NOT COMPLY WITH CURRENT ADA, PROVIDE A CONSTRUCTION NOTE TO REMOVE AND RECONSTRUCT TO MEET LATEST ADA REQUIREMENTS.
29. SHOW LOCATIONS OF ANY EXISTING DAMAGED CURB AND GUTTER AND SIDEWALK AND ADD A CONSTRUCTION NOTE TO REMOVE AND RECONSTRUCT. A STAFF MEMBER FROM THE ENGINEERING DIVISION CAN MEET WITH THE DESIGN ENGINEER TO DETERMINE LOCATIONS.

THE UNDERSIGNED DESIGN ENGINEER VERIFIES THAT: “
THIS GRADING PLAN WAS PREPARED UNDER MY SUPERVISION IN ACCORDANCE WITH THE CITY MUNICIPAL GRADING ORDINANCE, THE SOIL AND/OR GEOLOGICAL REPORT RECOMMENDATIONS AND UBC LATEST EDITION”.

THE OWNER/DEVELOPER MUST COMPLY WITH THE REGULATIONS OF LACRWCB (LOS ANGELES COUNTY REGIONAL WATER QUALITY CONTROL BOARD) AND ARTICLE II OF CHAPTER 9 OF THE WCMC (WEST COVINA MUNICIPAL CODE) AND MUST SUBMIT SWPPP AND PROOF OF NOI (NOTICE OF INTENT) TO THE LACRWQCB AND TO THE CITY FOR REVIEW AND COMMENTS.