



CITY OF POMONA BUILDING AND SAFETY DIVISION STANDARD GRADING NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF POMONA ORDINANCE NO. 3444 AND THE LATEST STATE CODES AS MANDATED TO BE ENFORCED BY THE CITY AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, PLUS ANY SUPPLEMENTS. A BOND IS REQUIRED PER SECTION 3311 OF THE UNIFORM BUILDING CODE.
2. AN APPROVED SET OF PLANS SHALL BE ON THE JOB SITE AT ALL TIMES.
3. NO WORK SHALL BE STARTED WITHOUT FIRST NOTIFYING THE BUILDING DIVISION AT (909) 620-2422.
4. ADEQUATE BARRICADES, LIGHTS, FLAGMEN, SIGNS AND OTHER SAFETY DEVICES SHALL BE PROVIDED AS SPECIFIED BY THE TRAFFIC MANUAL PUBLISHED BY THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.
5. EXISTING CITY STREETS SHALL BE KEPT CLEAN OF ALL MATERIALS RESULTING FROM THE GRADING OPERATIONS. THE STREET RIGHT-OF-WAY SHALL BE CLEANED UP DAILY AND AS NECESSARY TO MAINTAIN PEDESTRIAN AND VEHICULAR PASSAGE OVER THE PUBLIC RIGHT-OF-WAY AT ALL TIMES.
6. THE PERMITTEE OR HIS AGENT SHALL NOTIFY THE BUILDING OFFICIAL AT LEAST 24 HOURS BEFORE THE GRADING OPERATION IS READY FOR EACH OF THE FOLLOWING:
 - A. PRE-GRADE MEETING: WHEN THE PERMITTEE IS READY TO BEGIN WORK AND BEFORE ANY GRADING OR BRUSHING IS STARTED. THE FOLLOWING PEOPLE MUST BE PRESENT – OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, SOILS ENGINEER, GEOLOGIST, BUILDING OFFICIAL OR THEIR REPRESENTATIVE.
 - B. TOE INSPECTION: AFTER THE NATURAL GROUND IS EXPOSED AND PREPARED TO RECEIVE FILL AND BEFORE ANY FILL IS PLACED.
 - C. EXCAVATION INSPECTION: AFTER THE EXCAVATION IS STARTED AND BEFORE THE DEPTH OF EXCAVATION EXCEEDS 10 FEET.
 - D. FILL INSPECTION: AFTER THE AREA TO RECEIVE FILL HAS BEEN PREPARED AND INSPECTED BY THE SOILS ENGINEER.

- E. DRAINAGE DEVICE INSPECTION: AFTER FORMS, STEEL AND PIPE ARE IN PLACE, AND BEFORE ANY CONCRETE IS POURED.
- F. ROUGH GRADING: WHEN ALL ROUGH GRADING HAS BEEN COMPLETED.
- G. FINAL INSPECTION: WHEN ALL WORK, INCLUDING INSTALLATION OF ALL DRAINAGE STRUCTURES AND OTHER PROTECTIVE DEVICES HAVE BEEN COMPLETED AND THE "AS GRADED" PLAN AND REQUIRED REPORTS HAVE BEEN SUBMITTED AND APPROVED.

THE PERMITTEE SHALL WAIT FOR APPROVAL BY THE INSPECTOR BEFORE PROCEEDING WITH THE WORK.

- 7. SUFFICIENT TESTS OF SOIL PROPERTIES, INCLUDING SOIL TYPES AND SHEAR STRENGTH SHALL BE MADE DURING GRADING OPERATIONS TO VERIFY COMPLIANCE WITH DESIGN CRITERIA. THE RESULTS OF SUCH TESTING SHALL BE FURNISHED TO THE BUILDING OFFICIAL UPON COMPLETION OF GRADING OPERATIONS OR WHEN NECESSITATED BY FIELD CONDITIONS UPON REQUEST OF THE BUILDING OFFICIAL.
- 8. THE GRADING CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT VERIFYING THAT WORK DONE UNDER HIS DIRECTION WAS PERFORMED IN ACCORDANCE WITH THE APPROVED PLANS AND REQUIREMENTS OF CHAPTER 33 OF THE UNIFORM BUILDING CODE OR DESCRIBING ALL VARIANCES FROM THE APPROVED PLANS AND REQUIREMENTS OF THE CODE.
- 9. THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE PERMITTEE.
- 10. DUST SHALL BE CONTROLLED BY WATERING.
- 11. SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE FROM BEGINNING TO COMPLETION OF GRADING OPERATIONS.
- 12. ALL GRADING SHALL CONFORM TO THE RECOMMENDATIONS IN THE APPROVED GEOTECHNICAL REPORT BY _____, DATED _____.
- 13. THE CONTRACTOR SHALL INCORPORATE EROSION CONTROL MEASURES TO BE USED DURING AND AFTER CONSTRUCTION. SEPARATE PLANS FOR DRAINAGE AND EROSION CONTROL MEASURES TO BE USED DURING AND AFTER CONSTRUCTION ARE TO BE IN COMPLIANCE WITH ALL APPLICABLE STORM WATER POLLUTION REQUIREMENTS.

14. THE ENGINEERING GEOLOGIST SHALL INSPECT AND APPROVE ALL CUT SLOPES.
15. PRIOR TO ISSUANCE OF THE BUILDING PERMITS, A SOIL EXPANSION TEST PERFORMED IN ACCORDANCE WITH THE PROCEDURES OF UNIFORM BUILDING CODE STANDARD NO. 18-2 IS REQUIRED.
16. PRIOR TO PLACING COMPACTED FILL, THE SURFACE SHALL BE STRIPPED OF VEGETATION AND THE SURFACE SCARIFIED TO A DEPTH OF 12 INCHES OR AS SPECIFIED BY THE SOILS ENGINEER AND APPROVED BY THE BUILDING OFFICIAL, BROUGHT TO OPTIMUM MOISTURE CONTENT, RECOMPACTED TO 90% MAXIMUM DENSITY AND INSPECTED BY THE GRADING INSPECTOR AND THE SOIL TESTING AGENCY.
17. CUT SLOPES SHALL BE NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL.
18. FILLS SHALL BE COMPACTED THROUGHOUT TO 90% OF MAXIMUM DENSITY AS DETERMINED BY UNIFORM BUILDING CODE SECTION 3313, LATEST EDITION ADOPTED BY THE CITY, AND CERTIFIED BY THE SOILS ENGINEER. NOT LESS THAN ONE FIELD DENSITY TEST WILL BE MADE FOR EACH 2 FEET VERTICAL LIFT OF FILL NOR LESS THAN ONE SUCH TEST FOR EACH 1,000 CUBIC YARDS OF MATERIAL PLACED. AT LEAST ONE-HALF OR THE REQUIRED TESTS SHALL BE MADE AT THE LOCATION OF THE FINAL FILL SLOPE.
19. FILL SLOPES SHALL BE NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL AND SHALL BE COMPACTED TO NOT LESS THAN 90% OF MAXIMUM DENSITY OUT TO THE FINISHED SURFACE. ALL FILL SLOPES GREATER THAN 5 FEET IN VERTICAL HEIGHT SHALL BE GRID ROLLED TO COMPACT THE OUTER 6" TO 8" TO AT LEAST 90% OF MAXIMUM DENSITY.
20. NO ROCK OR SIMILAR MATERIAL GREATER THAN 12 INCHES IN DIMENSION WILL BE PLACED IN THE FILL UNLESS RECOMMENDATIONS FOR SUCH PLACEMENT HAVE BEEN SUBMITTED BY THE SOILS ENGINEER IN ADVANCE AND APPROVED BY THE BUILDING OFFICIAL.
21. NO FILL SHALL BE PLACED UNTIL STRIPPING OF VEGETATION, REMOVAL OF UNSUITABLE SOILS AND INSTALLATION OF SUBDRAINS (IF REQUIRED) HAVE BEEN INSPECTED AND APPROVED BY THE SOILS ENGINEER AND THE CITY GRADING INSPECTOR.

22. CONTINUOUS INSPECTION BY THE SOILS ENGINEER OR HIS RESPONSIBLE REPRESENTATIVE WILL BE PROVIDED DURING ALL FILL PLACEMENT AND COMPACTION OPERATIONS.
23. THE SOILS ENGINEER AND THE BUILDING OFFICIAL SHALL APPROVE ALL EXISTING FILLS OR HIS REPRESENTATIVE BEFORE ANY ADDITIONAL FILLS ARE ADDED.
24. ALL TRENCH BACKFILLS SHALL BE TESTED AND CERTIFIED BY THE SOILS ENGINEER.
25. ALL CONCRETE STRUCTURES THAT COME IN CONTACT WITH THE ONSITE SOILS SHALL BE CONSTRUCTED WITH TYPE 5 SIX (6) SACK CEMENT UNLESS SULFATE – CONTENT TESTS CONDUCTED BY THE SOILS ENGINEER SHOW IT TO BE UNNECESSARY.
26. THE CIVIL ENGINEER SHALL PROVIDE PROFESSIONAL INSPECTION WITHIN SUCH ENGINEERS AREA OF TECHNICAL SPECIALTY, WHICH SHALL CONSIST OF OBSERVATION AND REVIEW AS TO THE ESTABLISHMENT OF LINE, GRADE AND SURFACE DRAINAGE OF THE DEVELOPMENT AREA. IF REVISED PLANS ARE REQUIRED DURING THE COURSE OF THE WORK THEY SHALL BE PREPARED BY THE CIVIL ENGINEER.
27. THE SOILS ENGINEER SHALL PROVIDE SUFFICIENT INSPECTION DURING THE PREPARATION OF NATURAL GROUND AND PLACEMENT OF COMPACTION TO VERIFY THAT SUCH WORK IS BEING PERFORMED IN ACCORDANCE WITH THE CONDITIONS OF THE APPROVED PLAN AND THE REQUIREMENTS OF THE UNIFORM BUILDING CODE SECTION 3317.3, LATEST EDITION ADOPTED BY THE CITY. REVISED RECOMMENDATIONS RELATING TO CONDITIONS DIFFERING FROM THE APPROVED SOILS ENGINEERING REPORT SHALL BE SUBMITTED TO THE PERMITTEE, THE BUILDING OFFICAL, AND THE CIVIL ENGINEER.
28. THE ENGINEERING GEOLOGIST SHALL PROVIDE A PROFESSIONAL INSPECTION OF BEDROCK EXCAVATION TO DETERMINE IF CONDITIONS ENCOUNTERED ARE IN ACCORDANCE WITH THE APPROVED REPORTS, THE PLANS, SPECIFICATIONS, AND CODE WITHIN THEIR PURVIEW, IN ACCORDANCE WITH THE UNIFORM BUILDING CODE SECTION 3317.4, LATEST EDITION ADOPTED BY THE CITY.
29. THE PERMITTEE SHALL BE RESPONSIBLE FOR THE WORK TO BE PERFORMED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND IN CONFORMANCE WITH THE PROVISIONS OF THE UNIFORM BUIDING CODE SECTION 3317.5, AND THE PERMITTEE

SHALL ENGAGE CONSULTANTS, IF REQUIRED, TO PROVIDE PROFESSIONAL INSPECTIONS ON A TIMELY BASIS. THE PERMITTEE SHALL ACT AS A COORDINATOR BETWEEN THE CONSULTANTS, THE CONTRACTOR AND THE BUILDING OFFICIAL. IN THE EVENT OF CHANGED CONDITIONS, THE PERMITTEE SHALL BE RESPONSIBLE FOR INFORMING THE BUILDING OFFICIAL OF SUCH CHANGE AND SHALL PROVIDE REVISED PLANS FOR APPROVAL.

30. ANY REVISION MADE IN THE APPROVED GRADING AS SHOWN ON THE GRADING PLAN MUST BE SPECIFICALLY APPROVED BY THE BUILDING OFFICIAL OR HIS DESIGNATED REPRESENTATIVE.
31. PRIOR TO THE FINAL APPROVAL OF ROUGH GRADING THE CIVIL ENGINEER SHALL SUBMIT AN "AS – BUILT" GRADING PLAN, IN ACCORDANCE WITH SECTION 3318.1 FOR APPROVAL BY THE BUILDING OFFICIAL. THIS PLAN SHALL SHOW ORIGINAL GROUND SURFACE AND AS-GRADED GROUND SURFACE ELEVATIONS, ALL FEATURES SHOWN ON THE APPROVED GRADING PLAN, FINAL PAD GRADES, THE ACTUAL LOCATIONS AND ELEVATIONS OF ALL SUBDRAINS, ROCK DISPOSAL SITES, KEYWAYS, BUTTRESS OR STABILITY FILLS AND ANY OTHER REMEDIAL GRADING, ANY VARIANCES BETWEEN THE FINISHED WORK AND THE APPROVED PLANS, ACTUAL YARDAGE MOVED (INCLUDING REMEDIAL GRADING) AND A CERTIFICATION THAT THE "AS-BUILT" PLANS SHOWS THE ABOVE ITEMS. ROUGH GRADING WILL NOT BE APPROVED UNTIL AFTER APPROVAL OF THE "AS-BUILT" GRADING PLAN.
32. FOR ROUGH GRADING THE CONTRACTOR SHALL CONSTRUCT BERMS AT THE TOP OF ALL MANUFACTURED SLOPES AS SHOWN PER DETAIL ON THIS PLAN.
33. FINISH GRADING WILL BE COMPLETED AND APPROVED AND SLOPE PLANTING AND IRRIGATION SYSTEM INSTALLED BEFORE OCCUPANCY OF ANY BUILDING AND BEFORE RELEASE OF ANY GRADING BONDS.
34. ALL CUT AND FILL SLOPES OVER 5 FEET IN VERTICAL HEIGHT SHALL BE PLANTED AND PROVIDED WITH AN IRRIGATION SYSTEM IN ACCORDANCE WITH AN APPROVED LANDSCAPE PLAN.
35. THE APPLICANT SHALL MEET ALL REQUIREMENTS OF THE APPROVAL OF TENTATIVE TRACT NO. _____ APPLICABLE TO THE FINAL MAP.
36. ALL REQUIREMENTS OF THE PLANNING COMMISSION RESOLUTION NUMBER(S) _____ SHALL BE MET.