

Note to design engineer: These grading notes are intended for use on all mass grading and rough grading plans, and on precise grading plans where the grading is being completed as part of these plans. See Precise Grading Notes when the original grading was performed per an approved rough grading plan.

CIP GRADING NOTES

1. GRADING SHALL BE IN ACCORDANCE WITH THE ENGINEERED GRADING REQUIREMENTS OF THE UNIFORM BUILDING CODE, LATEST EDITION, AND SOILS REPORT, NO. \_\_\_\_\_, DATED: \_\_\_\_\_, PREPARED BY: \_\_\_\_\_, TELEPHONE NO. \_\_\_\_\_
2. THE SOILS ENGINEER AND THE ENGINEERING GEOLOGIST SHALL EXERCISE SUFFICIENT SUPERVISORY CONTROL DURING GRADING TO INSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE WITHIN THEIR PURVIEW.
3. THE DESIGN CIVIL ENGINEER SHALL EXERCISE SUFFICIENT CONTROL DURING GRADING AND CONSTRUCTION TO ENSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE WITHIN HIS PURVIEW.
4. DURING ROUGH GRADING OPERATIONS AND PRIOR TO CONSTRUCTION OF PERMANENT DRAINAGE STRUCTURES, TEMPORARY DRAINAGE CONTROL SHALL BE PROVIDED TO PREVENT PONDING WATER AND DAMAGE TO ADJACENT PROPERTY.
5. AFTER CLEARING, EXISTING GROUND SHALL BE SCARIFIED TO A MINIMUM OF 6" ON THE ENTIRE SITE OR AS RECOMMENDED BY THE SOILS REPORT.
6. THE MAXIMUM CUT AND FILL SLOPES SHALL BE 2:1.
7. PADS SHALL BE COMPACTED TO A MINIMUM OF 90% RELATIVE DENSITY PER A.S.T.M. SPECIFICATIONS AND THE ABOVE MENTIONED SOILS REPORT.
8. MINIMUM BUILDING PAD DRAINAGE SHALL BE 2%. DRAINAGE SHALL BE A MINIMUM OF 0.3' DEEP AND BE CONSTRUCTED A MINIMUM OF 2' FROM THE TOP OF CUT OR FILL SLOPES. THE MINIMUM SLOPE OF SWALES SHALL BE 0.50%.
9. ALL FILLS SHALL BE COMPACTED TO A MINIMUM OF NINETY (90) PERCENT OF MAXIMUM DENSITY AS DETERMINED BY THE UNIFORM BUILDING CODE SECTION 7010 OR EQUIVALENT AS APPROVED BY THE CITY ENGINEER. FIELD DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH THE UNIFORM BUILDING CODE SECTION 7002, OR EQUIVALENT, AS DETERMINED BY THE CITY ENGINEER.
10. ALL STREET SECTIONS ARE TENTATIVE. THE MINIMUM SECTION IS 3" A.C. OVER 4.5" CRUSHED A.B. ADDITIONAL SOIL TEST(S) SHALL BE REQUIRED AFTER ROUGH GRADING TO DETERMINE EXACT SECTION REQUIREMENTS. THE CITY ENGINEER SHALL APPROVE THE FINAL STREET SECTION.
11. THE CITY ENGINEER WILL REVIEW FOR APPROVAL THE FINAL STREET SECTIONS AFTER SUBMITTAL OF "R" VALUE TESTS FOR ROADWAY SUBBASE.
12. LOCATIONS OF FIELD DENSITY TESTS SHALL BE DETERMINED BY THE SOILS ENGINEER OR APPROVED TEST AGENCY AND SHALL BE SUFFICIENT IN BOTH HORIZONTAL AND VERTICAL PLACEMENT TO PROVIDE REPRESENTATIVE TESTING OF ALL FILL PLACED. TESTING IN AREAS OF A CRITICAL NATURE OF SPECIAL EMPHASIS SHALL BE IN ADDITION TO THE NORMAL REPRESENTATIVE SAMPLINGS.
13. THE FINAL COMPACTION REPORT AND APPROVAL FROM THE SOILS ENGINEER SHALL CONTAIN THE TYPE OF FIELD TESTING PERFORMED. EACH TEST SHALL BE IDENTIFIED WITH THE METHOD OF OBTAINING THE IN-PLACE DENSITY, WHETHER SAND CONE OR

DRIVE RING, AND SHALL BE SO NOTED FOR EACH TEST. SUFFICIENT MAXIMUM DENSITY DETERMINATION SHALL BE PERFORMED TO VERIFY THE ACCURACY OF THE MAXIMUM DENSITY CURVES USED BY THE FIELD TECHNICIAN.

14. ALL UNDERGROUND FACILITIES, WITH LATERALS, SHALL BE IN PLACE AND INSPECTED PRIOR TO PAVING, INCLUDING BUT NOT LIMITED TO, THE FOLLOWING: SEWER, WATER, ELECTRIC, COMMUNICATIONS, GAS, AND DRAINAGE.
15. THE FINAL UTILITY LINE BACKFILL REPORT FROM THE PROJECT SOILS ENGINEER SHALL INCLUDE AN APPROVAL STATEMENT THAT THE BACKFILL IS SUITABLE FOR THE INTENDED USE.
16. BLOCK WALLS ARE NOT PART OF THE GRADING PERMIT. PLEASE SUBMIT THESE FOR SEPARATE BUILDING PERMIT(S).
17. THE CONTRACTOR IS RESPONSIBLE TO PREVENT SILT CONTAMINATION OF STORMWATER INFILTRATION FACILITIES DURING CONSTRUCTION OF SUBSEQUENT IMPROVEMENTS BY THE CONTRACTOR. IMMEDIATELY PRIOR TO FINAL ACCEPTANCE OF STORM DRAINAGE RETENTION/INFILTRATION FACILITIES, THE CONTRACTOR SHALL CONDUCT, IN THE PRESENCE OF THE CITY INSPECTOR, A PERFORMANCE TEST DESIGNED TO CLEARLY DEMONSTRATE THE FUNCTIONAL ADEQUACY OF THE FACILITIES.
18. THE CONTRACTOR SHALL PROVIDE WIND EROSION AND DUST CONTROL MEASURES AS REQUIRED BY THE FUGITIVE DUST CONTROL PLAN APPROVED FOR THIS PROJECT. ALL MEASURES SHALL BE TO THE SATISFACTION OF THE CITY.