GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF:
   a. THE TUSTIN GRADING AND EXCAVATION CODE
   b. COMMUNITY DEVELOPMENT STANDARDS
   c. SPECIAL REQUIREMENTS OF THE GRADING PERMIT
   d. THE UNIFORM BUILDING CODE
   e. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION/SUPPLEMENTS

   WHENEVER SPECIAL REQUIREMENTS CONFLICT ON ANY SUBJECT MATTER, THE COMMUNITY DEVELOPMENT DEPARTMENT OR REPRESENTATIVE WILL DETERMINE WHICH SPECIAL REQUIREMENT AND/OR CODE WILL GOVERN.

2. NO GRADING SHALL BE STARTED WITHOUT FIRST NOTIFYING THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION. A PREGRADING MEETING AT THE SITE IS REQUIRED BEFORE START OF CLEARING AND GRADING WITH THE FOLLOWING PEOPLE PRESENT: OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, SOIL ENGINEER, GEOLOGIST, COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION, ARCHAEOLOGISTS OR THEIR REPRESENTATIVES.

3. THE PERMITTEE OR PERMITTEE'S AGENT SHALL NOTIFY THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION WHEN THE GRADING OPERATION IS READY FOR EACH OF THE FOLLOWING INSPECTIONS: (PHONE 714/573-3141 OR 972-3131/3132).
   a. INITIAL INSPECTION. WHEN THE PERMITTEE IS READY TO BEGIN WORK, BUT NOT LESS THAN TWO DAYS BEFORE ANY CLEARING OR GRADING IS STARTED.
   b. TOE INSPECTION. AFTER THE NATURAL GROUND OR BEDROCK IS EXPOSED AND PREPARED TO RECEIVE FILL, BUT BEFORE FILL IS PLACED.
   c. EXCAVATION INSPECTION. AFTER THE EXCAVATION IS STARTED, BUT BEFORE THE VERTICAL DEPTH OF THE EXCAVATION EXCEEDS TEN FEET.
   d. FILL INSPECTION. AFTER THE FILL PLACEMENT IS STARTED, BUT BEFORE THE VERTICAL HEIGHT OF THE FILL EXCEEDS TEN FEET.
   e. DRAINAGE DEVICE INSPECTION. AFTER FORMING OF TERRACE DRAINS, DOWN-DRAINS OR FILLER AFTER PLACEMENT OF PIPE IN SUBDRAINS, BUT BEFORE ANY CONCRETE OR FILLER MATERIAL IS PLACED.
   f. ROUGH GRADING INSPECTION. WHEN ALL ROUGH GRADING HAS BEEN COMPLETED, THIS INSPECTION MAY BE CALLED FOR AT THE COMPLETION OF ROUGH GRADING WITHOUT THE INSPECTOR NECESSARILY HAVING PREVIOUSLY REVIEWED AND APPROVED THE REQUIRED REPORTS.
   g. FINAL GRADING AND IMPROVEMENT INSPECTION. WHEN ALL WORK (INCLUDING INSTALLATION OF ALL DRAINAGE STRUCTURES, OTHER PROTECTIVE DEVICES AND ALL OTHER IMPROVEMENT WHICH INCLUDE LANDSCAPING AND IRRIGATION SYSTEMS) HAS BEEN COMPLETED AND THE AS-GRADED PLAN, PROFESSIONAL CERTIFICATIONS AND THE REQUIRED REPORTS HAVE BEEN SUBMITTED.

4. CUT AND FILL SLOPES SHALL BE NO STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL.

5. FILLS SHALL BE COMPACTED THROUGHOUT TO A MINIMUM 90% DENSITY AS DETERMINED BY ASTM D1557-78 AND CERTIFIED BY THE SOIL ENGINEER. THE NUCLEAR GAGE SHALL BE USED FOR IN-PLACE DENSITY TESTS.

6. AREAS TO RECEIVE FILL SHALL BE PROPERLY PREPARED AND APPROVED BY THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION OR REPRESENTATIVE AND SOIL ENGINEER PRIOR TO PLACING OF FILL.

7. FILLS SHALL BE BENCHED WITH APPROVED MATERIAL AS PER DETAIL ON PLAN.

8. ALL EXISTING FILLS SHALL BE APPROVED BY THE SOIL ENGINEER AND COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION OR REPRESENTATIVE BEFORE ANY ADDITIONAL FILL ARE NEEDED.

9. THE EXISTING IRRIGATION LINES AND CISTERNS SHALL BE REMOVED OR CRUSHED IN PLACE AND BACKFILLED AND APPROVED BY THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION AND SOIL ENGINEER.

10. SLOPES EXCEEDING FIVE FEET IN HEIGHT MUST BE PLANTED WITH AN APPROVED PLANT MATERIAL. IN ADDITION, SLOPES EXCEEDING 15 FEET IN HEIGHT MUST BE PROVIDED WITH AN APPROVED IRRIGATION SYSTEM.

11. THE STOCKPILING OF EXCESS MATERIAL SHALL BE APPROVED BY THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION PRIOR TO EXCAVATION.

12. THE DESIGN CIVIL ENGINEER, PRIOR TO ROUGH GRADE APPROVAL, SHALL PROVIDE A MINIMUM OF ONE BLUE TOP PER FINISHED PAD, SET AT THE HIGHEST POINT IN THE FINISHED DRAINAGE SWALE. THE ELEVATION OF THE FLOOR SHALL ALSO BE PROVIDED TO INSURE PROPER CLEARANCE AND FALL TO DRAINAGE SWALE. THESE ELEVATIONS SHALL BE NOTED ON THE BUILDING PLANS.

13. ALL TRENCH BACKFILLS SHALL BE TESTED AND APPROVED BY THE SITE SOIL ENGINEER PER THE GRADING AND EXCAVATION CODE.

14. THE ENGINEERING GEOLOGIST AND SOIL ENGINEER SHALL, AFTER CLEARING AND PRIOR TO THE PLACEMENT OF FILL IN CANYONS, INSPECT EACH CANYON FOR AREAS OF ADVERSE STABILITY AND TO DETERMINE THE PRESENCE OR ABSENCE OF SUBSURFACE WATER OR SPRING FLOW. IF NEEDED, DRAINS WILL BE DESIGNED AND CONSTRUCTED PRIOR TO THE PLACEMENT OF FILL IN EACH RESPECTIVE CANYON.

15. SUBDRAIN OUTLETS SHALL BE COMPLETED AT THE BEGINNING OF THE SUBDRAIN CONSTRUCTION.

16. THE EXACT LOCATION OF THE SUBDRAINS SHALL BE SURVEYED IN THE FIELD FOR LINE AND GRADE, AND THE LOCATION SHALL BE SHOWN ON THE "RECORD DRAWING" PLANS.

17. ALL CUT SLOPES SHALL BE INVESTIGATED BOTH DURING AND AFTER GRADING BY AN ENGINEERING GEOLOGIST TO DETERMINE IF ANY SLOPE STABILITY PROBLEM EXISTS. SHOULD EXCAVATION DISCLOSE ANY GEOLOGICAL HAZARDS OR POTENTIAL GEOLOGICAL HAZARDS, THE ENGINEERING GEOLOGIST SHALL RECOMMEND NECESSARY TREATMENT TO THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION FOR APPROVAL.

18. WHERE SUPPORT OR BUTTRESSING OF CUT AND NATURAL SLOPES IS DETERMINED TO BE NECESSARY BY THE ENGINEERING GEOLOGIST AND SOIL ENGINEER, THE SOIL ENGINEER WILL SUBMIT DESIGN, LOCATION AND CALCULATIONS TO THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION PRIOR TO CONSTRUCTION. THE ENGINEERING GEOLOGIST AND SOIL ENGINEER WILL INSPECT AND CONTROL THE CONSTRUCTION OF THE BUTTRESSING AND CERTIFY TO THE STABILITY OF THE SLOPE AND ADJACENT STRUCTURES UPON COMPLETION.

19. WHEN CUT PADS ARE BROUGHT TO MEAN GRADE, THE ENGINEERING GEOLOGIST SHALL DETERMINE IF THE BEDROCK IS EXTENSIVELY FRACTURED OR FAULTED AND WILL READILY TRANSMIT WATER. IF CONSIDERED NECESSARY BY THE ENGINEERING GEOLOGIST AND SOIL ENGINEER, A COMPACTED FILL BLANKET WILL BE PLACED.

20. THE ENGINEERING GEOLOGIST SHALL PERFORM PERIODIC INSPECTIONS AND SUBMIT A COMPLETE REPORT AND MAP UPON COMPLETION OF THE ROUGH GRADING.

21. THE FINAL COMPACTION REPORT AND APPROVAL FROM THE SOIL ENGINEER SHALL BE SUBMITTED PRIOR TO ACCEPTANCE OF THE GRADING. SUFFICIENT MAXIMUM DENSITY DETERMINATIONS SHALL BE PERFORMED TO VERIFY THE ACCURACY OF THE MAXIMUM DENSITY CURVES USED BY THE FIELD TECHNICIAN.

22. NOTIFICATION OF NONCOMPLIANCE: IF, IN THE COURSE OF FULFILLING THEIR RESPONSIBILITY, THE CIVIL ENGINEER, THE SOIL ENGINEER, THE ENGINEERING GEOLOGIST OR THE TESTING AGENCY FINDS THAT THE WORK IS NOT BEING DONE IN CONFORMANCE WITH THE APPROVED GRADING PLANS, THE DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO THE PERSON IN CHARGE OF THE GRADING WORK AND TO THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION. RECOMMENDATIONS FOR CORRECTIVE MEASURES, IF NECESSARY, SHALL BE SUBMITTED TO THE DIRECTOR OF COMMUNITY DEVELOPMENT, OR REPRESENTATIVE FOR APPROVAL.

23. THE DESIGN CIVIL ENGINEER SHALL PROVIDE WRITTEN APPROVAL THAT THE GRADING OPERATION IS IN COMPLIANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND APPLICABLE CODES AT COMPLETION OF THE GRADING OPERATION.

24. DUST SHALL BE CONTROLLED BY WATERING.

25. SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE.

26. THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE PERMITTEE.

27. ALL EXISTING DRAINAGE COURSES ON THE PROJECT SITE MUST CONTINUE TO FUNCTION, ESPECIALLY DURING STORM CONDITIONS, AND APPROVED PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS MUST BE USED TO PROTECT ADJOINING PROPERTIES DURING THE GRADING PROJECT. IN ALL CASES, THE CONTRACTOR AND/OR DEVELOPER SHALL BE HELD LIABLE FOR ANY DAMAGE DUE TO OBSTRUCTING NATURAL DRAINAGE PATTERNS.

28. ALL WATER WELLS SHALL BE ABANDONED IN COMPLIANCE WITH THE CITY OF TUSTIN REQUIREMENTS AND IN ACCORDANCE WITH THE STATE DEPARTMENT OF WATER RESOURCES.

29. ALL EXISTING SEWERS, CESSPOOLS AND SEPTIC TANKS OR OTHER SEWAGE DISPOSAL FACILITIES SHALL BE ABANDONED IN COMPLIANCE WITH THE UNIFORM PLUMBING CODE AND TO THE APPROVAL OF THE SOIL ENGINEER AND COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION.

30. PRIOR TO FINAL APPROVAL, THE DESIGN CIVIL ENGINEER SHALL CERTIFY TO THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION THE NUMBER OF CUBIC YARDS OF CUT, FILL, IMPORT, OR EXPORT MOVED DURING THE GRADING OPERATION.

31. WHENEVER THERE IS AN EXISTING CATCH BASIN ALONG THE CONSTRUCTION SITE FRONTAGE, AN ON-SITE STORM DRAIN SHALL BE CONSTRUCTED TO CONVEY WATER DIRECTLY TO THE PUBLIC STORM DRAIN SYSTEM. EXCEPTIONS SHALL REQUIRE APPROVAL BY THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION.

32. PRIOR TO ANY GRADING OPERATIONS, THE CITY'S DIRECTOR OF COMMUNITY DEVELOPMENT SHALL ASCERTAIN THAT THE DEVELOPER HAS NOTIFIED A QUALIFIED ARCHAEOLOGIST AND THAT HE WILL BE PRESENTED ON THE SITE DURING GRADING OPERATIONS AND THAT HE WILL HAVE THE AUTHORITY TO STOP OR REDIRECT GRADING UNTIL ANY DISCOVERY CAN BE PROPERLY RECOVERED AND SUBMITTED TO THE CITY'S POLICY ON ARCHAEOLOGICAL SITES.

33. ALL CONCRETE STRUCTURES THAT COME IN CONTACT WITH THE ON-SITE SOIL SHALL BE CONSTRUCTED WITH TYPE V CEMENT UNLESS APPROVED OTHERWISE BY THE BUILDING OFFICIAL.

34. ALL PLANTERS ADJACENT TO THE FOUNDATIONS SHALL BE SEALED ALONG SIDE OF THE FOUNDATION FOOTING AND EXTENDED UNDER THE PLANTER AREA TO A MINIMUM OF 12" TO PREVENT MOISTURE FROM REACHING THE FOUNDATION SUB-GRADE SOIL. ALL CONCRETE PLANTER CURBS ADJACENT TO PAVEMENT AREAS SHALL BE CONSTRUCTED WITH WEEP HOLES THROUGH THE CURBFACE.

35. EXPORT SOIL MUST GO TO A LEGAL DUMP OR TO A PERMITTED SITE APPROVED BY THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION.

36. PERMISSION IS REQUIRED FROM THE ADJACENT PROPERTY OWNER WHENEVER WORK IS PROPOSED ACROSS THE PROPERTY LINE.

37. THE PRELIMINARY REPORT AND ALL SUBSEQUENT REPORTS AS APPROVED BY THE COMMUNITY DEVELOPMENT DEPARTMENT ARE CONSIDERED A PART OF THE APPROVED GRADING PLAN.

38. PROVIDE WEAKENED PLANE JOINTS IN CONCRETE CURBS 10' ON CENTERS.

39. ALL WALKWAYS, LANDINGS, AND OTHER FINISHED SURFACES AT DOORWAYS SHALL BE FINISHED TO WITHIN ONE-HALF INCH OR LESS OF THE DOORWAY THRESHOLD.

40. ANY DIRT, ROCK OR CONSTRUCTION MATERIAL THAT MAY BE TRACKED OR DROPPED WITHIN THE PUBLIC RIGHTS-OF-WAY DURING THE TRANSPORTATION OF SAID MATERIAL OR EQUIPMENT ASSOCIATED WITH THE PROJECT SHALL BE CLEANED OR REMOVED DAILY AND AS DEEMED NECESSARY BY THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION.

41. DIRT ACCESS RAMPS OVER CURB AND GUTTER TO CONSTRUCTION SITES ARE NOT ALLOWED. WHEN NECESSARY FOR ENTRANCE TO SUCH CONSTRUCTION SITES, ASPHALT RAMPS WITH A MINIMUM 3" DIAMETER PIPE WILL BE CONSTRUCTED PER ENGINEERING DIVISION REQUIREMENTS. ALL BASE, GRAVEL, DIRT OR OTHER MATERIAL CARRIED INTO THE ROADWAY BY CONTRACTOR'S PERSONNEL OR EQUIPMENT WILL BE CLEANED AS NECESSARY AND NO LESS THAN ONCE A DAY. TRUCKS HAULING BASE, GRAVEL, FILL OR EXPORT MATERIALS WITHIN CITY LIMITS WILL BE TARPED AS NECESSARY TO PREVENT MATERIALS FROM SPILLING INTO THE ROADWAY.

42. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY O.S.H.A. PERMITS.

43. PROPOSED REVISIONS TO THE GRADING PLAN SHALL BE DRAWN IN RED PENCIL ON BLUELINES OF THE APPROVED PLAN. THESE REVISIONS ARE THEN TO BE SUBMITTED TO THE COMMUNITY DEVELOPMENT DEPARTMENT FOR REVIEW AND APPROVAL. ONLY AFTER THE BLUELINE APPROVAL IS GIVEN SHOULD THE ORIGINALS BE CHANGED BY THE ENGINEER/ARCHITECT.

44. **AS BUILTS**
   THE CIVIL ENGINEER OR ARCHITECT SHALL SUBMIT ONE COPY OF THE GRADING PLAN SHOWING RECORD DRAWING ITEMS IN RED TO THE COMMUNITY DEVELOPMENT DEPARTMENT FOR REVIEW AND APPROVAL. ONLY AFTER THE BLUELINE APPROVAL IS GIVEN SHOULD THE ORIGINALS BE CHANGED BY THE ENGINEER. THE DEVELOPER SHALL THEN SUBMIT 4" X 6" PLASTIC CARDS WITH SIX (6) SHEETS PER CARD, TO BE USED WITH MINOLTA RP407 (READER/PRINTER), COPIES OF THE "RECORD DRAWINGS" GRADING PLANS, WITH WORDS "RECORD DRAWINGS" BOLDLY AFFIXED TO THE TITLE SHEET TO THE COMMUNITY DEVELOPMENT DEPARTMENT PRIOR TO FINAL ACCEPTANCE.

45. A MINIMUM OF 6" AGGREGATE BASE COMPACTED TO 95% WILL BE REQUIRED UNDER 8" CONCRETE VALLEY GUTTERS.

46. OPEN CUTS OF ANY PUBLIC STREET OR ALLEY WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL BY THE CITY ENGINEER OR REPRESENTATIVE.

47. WHEN CURB AND GUTTER AND/OR SIDEWALK SUBGRADE IS OVERCUT 1" OR LESS THE SUBGRADE SHALL NOT BE BACKFILLED AND THE CURB AND GUTTER OR SIDEWALK SHALL BE POURED TO A THICKER SECTION DIRECTLY OVER THE OVERCUT SUBGRADE. WHEN CURB AND GUTTER AND/OR SIDEWALK SUBGRADE IS OVERCUT IN EXCESS OF 1" THE SUBGRADE SHALL BE BROUGHT BACK TO PROPER LEVEL WITH CRUSHED MISCELLANEOUS BASE WATERED AND COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE.

48. ALL COMPACTION TESTS AND MATERIALS TESTING SHALL BE PROVIDED BY THE LOCAL CONTRACTOR OR DEVELOPER IN ACCORDANCE WITH THE NUMBER, LOCATION AND FREQUENCY REQUESTED BY THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION.

49. THE COMMUNITY DEVELOPMENT DEPARTMENT'S APPROVAL ON THESE PLANS SHALL NOT RELIEVE THE DESIGN CIVIL ENGINEER, CONTRACTOR AND OWNER FROM THE COMPLIANCE WITH STATE AND LOCAL CODES.

   THE DESIGN CIVIL ENGINEER IS RESPONSIBLE FOR: CONFIRMING AND CORRELATING ALL DESIGN FEATURES, SPECIFICATIONS, QUANTITIES, DIMENSIONS AND PERMITS; AND PERFORMING THE WORK IN A PROFESSIONAL MANNER.

   THESE PLANS HAVE BEEN CHECKED BY THE CITY OF TUSTIN ONLY FOR CONFORMANCE WITH CITY STANDARDS AND SPECIFICATIONS, COMPLIANCE WITH DEVELOPMENT CONDITIONS, AND FOR GENERAL CONCEPTUAL APPROVAL OF THE STREET, SEWER, DRAINAGE, AND PARKWAY DESIGN SHOWN THEREON. NO DETAILED MATHEMATICAL CHECK WAS MADE FOR THE ACCURACY OF THE EXISTING OR PROPOSED DIMENSIONS, LINES OR GRADES SHOWN INCLUDING ALL EXISTING UTILITIES SHOWN OR NOT SHOWN.

   THE CITY'S APPROVAL IS BASED ON CONFORMANCE OF THE PREVIOUS STATEMENTS.

PAVING NOTES

1. A PRE-PAVING MEETING IS REQUIRED 48 HOURS PRIOR TO PAVING.
2. THE AGGREGATE BASE SECTION SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY. MAXIMUM AND IN-PLACE DENSITY TO BE DETERMINED IN ACCORDANCE WITH CALIFORNIA TEST NO. 231.
3. A "TACK COAT" (PAINT BINDER) SHALL BE APPLIED BETWEEN PAVEMENT LAYERS, AND ON EXISTING PAVEMENT TO BE RESURFACED AT A RATE OF 0.10 GAL./SQ. YD. THE TACK COAT SHALL BE A TYPE SS1 ASPHALT EMULSION.
4. UNTREATED BASE MATERIALS SHALL BE PER ORANGE COUNTY EMA STANDARD NO. 1804.
5. ALL ASPHALT CONCRETE SHALL BE CONSTRUCTED IN A MINIMUM OF TWO MACHINE LAID LIFTS CONSISTING OF A 3/4" MAXIMUM, MEDIUM GRADING BASE COURSE AND A 0.10 FOOT THICK 1/2" MAXIMUM, MEDIUM GRADING WEARING COURSE.
6. ALL NATIVE MATERIAL SUBGRADES SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE.
7. PAVEMENT SECTION RECOMMENDATIONS SHALL BE SUBMITTED TO THE CITY FOR APPROVAL PRIOR TO ISSUANCE OF ROUGH GRADE RELEASE. THE RECOMMENDATIONS SUBMITTED BY THE SOIL ENGINEER SHALL BE BASED ON "R" VALUE ANALYSIS OF THE SITE SUBGRADE SOILS AND TRAFFIC INDICES APPROVED BY THE CITY OF TUSTIN.
8. ASPHALT WILL HAVE AN ON-SITE DEPUTY INSPECTOR TO INSPECT THICKNESS, TEMPERATURE, AND DENSITY. 95% MINIMUM REQUIRED COMPACTION.

EROSION CONTROL NOTES

IN CASE OF EMERGENCY CALL _____
(RESPONSIBLE PERSON)

AT _____
(24 HR. PHONE NO.)

THE UNDERSIGNED CIVIL ENGINEER WILL REVIEW EROSION CONTROL WORK.

_____ _____ _____
(PRINT NAME) (SIGNATURE) (DATE)

A STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES OR TO REPAIR ANY DAMAGED EROSION CONTROL MEASURES WHEN RAIN IS IMMINENT.

DEVICES SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION.

ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FIVE-DAY RAIN PROBABILITY FORECAST EXCEEDS 40 PERCENT.

AFTER A RAINSTORM, ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK BERMS AND DESILTING BASINS. ANY GRADED SLOPE SURFACE PROTECTION MEASURES DAMAGED DURING A RAINSTORM SHALL ALSO BE IMMEDIATELY REPAIRED.

THE FACES OF CUT AND FILL SLOPES SHALL BE PREPARED AND MAINTAINED TO CONTROL AGAINST EROSION. EROSION PROTECTION SHALL CONSIST OF EFFECTIVE PLANTING OF ALL SLOPES IN EXCESS OF FIVE (5) FEET HIGH UNLESS OTHERWISE APPROVED BY THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION. SLOPES EXCEEDING FIFTEEN (15) FEET HIGH MAY REQUIRE AN ADEQUATE SPR/WELK SYSTEM, AS DETERMINED BY THE COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION. THE SLOPE PROTECTION SHALL BE INSTALLED AS SOON AS PRACTICABLE AND PRIOR TO CALLING FOR FINAL INSPECTION.

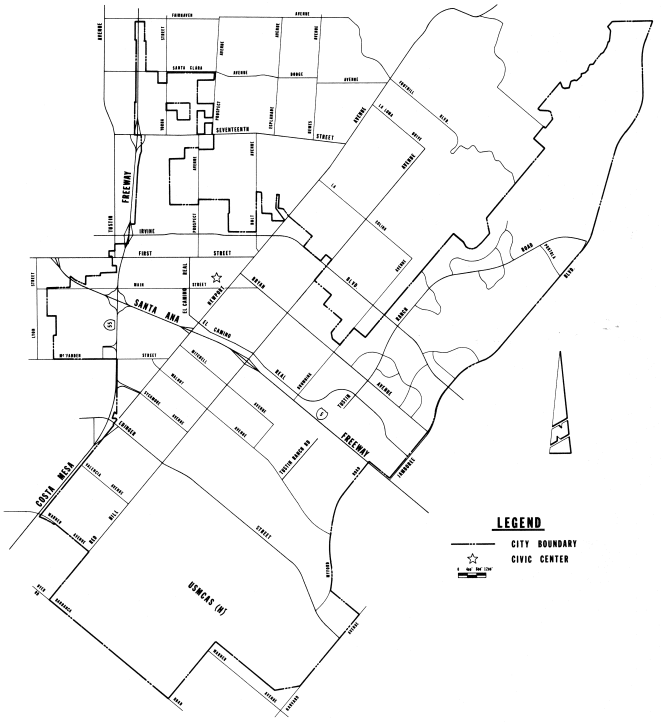
FILL SLOPES AT THE TRACT PERIMETER MUST DRAIN AWAY FROM THE TOP OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.

A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET.

PLACEMENT OF DEVICES TO REDUCE EROSION DAMAGE WITHIN THE TRACT MUST BE SHOWN ON THE PLAN.

GRADING PERMITS WILL NOT BE ISSUED WITHOUT AN APPROVED EROSION CONTROL PLAN. EROSION CONTROL SHALL BE IMPLEMENTED DURING THE RAINY SEASON (OCTOBER 15 THROUGH APRIL 15).

GRADING PLAN



VICINITY MAP

CITY OF TUSTIN
COMMUNITY DEVELOPMENT DEPARTMENT

THIS SET OF PLANS & SPECIFICATIONS MUST BE KEPT ON THE JOB AT ALL TIMES AND IT IS UNLAWFUL TO MAKE ANY CHANGES OR ALTERATIONS ON SAME WITHOUT WRITTEN PERMISSION FROM THE CITY OF TUSTIN COMMUNITY DEVELOPMENT DEPARTMENT. THE STAMPING OF THIS PLAN & SPECIFICATIONS SHALL NOT BE HELD TO PERMIT OR BE AN APPROVAL OF THE VIOLATION OF ANY PROVISIONS OF ANY CITY ORDINANCE OR STATE LAW.

REVISIONS	BENCH MARK	LEGAL DESCRIPTION	OWNER	ENGINEERING GEOLOGIST	SOIL ENGINEER	PREPARED BY
				THIS PLAN CONFORMS TO THE RECOMMENDATIONS OF THE ENGINEERING GEOLOGY REPORT DATED _____	THIS PLAN CONFORMS TO THE RECOMMENDATIONS OF THE SOIL ENGINEERING REPORT DATED _____	R.C.E. NO. _____ DATE _____
					R.C.E. NO.	

GRADING PLAN

TRACT NO. _____
STREET ADDRESS _____
CITY I.D. NO. _____
CITY PERMIT NO. _____
SHEET _____ OF _____