CITY OF RANCHO MIRAGE

GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD PLANS OF THE CITY OF RANCHO MIRAGE AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, AND OTHER STANDARD PLANS AS SPECIFIED IN THE PLANS.

2. NOTHING IN THESE PLANS SHALL RELIEVE THE CONTRACTOR FROM OBTAINING PERMITS AS REQUIRED BY THE CITY OF RANCHO MIRAGE MUNICIPAL CODE.

3. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, REPLACEMENT, PROTECTION, OR RELOCATION OF ALL REGULATORY, WARNING, AND GUIDE SIGNS, STRIPING, AND PAVEMENT LEGENDS.

5. STREET NAME SIGNS AND TRAFFIC CONTROL SIGNS, TYPE AND LOCATION SHALL BE APPROVED BY THE CITY ENGINEER. TRAFFIC STRIPING, LEGENDS AND PAVEMENT MARKERS, TYPE AND LOCATIONS SHALL BE APPROVED BY THE CITY ENGINEER.

6. PRIOR TO GRADING OPERATIONS ALL PROPERTY BOUNDARIES SHALL BE VISIBLY MARKED BY SETTING WITNESS STAKES AT ALL FOUND PROPERTY MONUMENTS. FOUND MONUMENTS SHALL BE NOTED OF THE PLANS. RESETTING OF MISSING MONUMENTS OR ANY REMOVAL/REPLACEMENT OF EXISTING MONUMENTS SHALL BE DONE BY AN R.C.E. BELOW 33965 OR L.S. ONLY. THE CONTRACTOR SHALL NOT DISTURB EXISTING MONUMENTS NOTED ON PLANS OR FOUND DURING CONSTRUCTION.

7. ALL STREET SECTIONS ARE TENTATIVE, THE MINIMUM SECTION IS 3" A.C./ 4" A.B. ADDITIONAL SOIL TEST MAY BE TAKEN AFTER ROUGH GRADING TO DETERMINE EXACT SECTION REQUIREMENTS.

8. LOCATIONS OF FIELD DENSITY TEST SHALL BE DETERMINED BY THE CITY OR APPROVED TESTING 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 OR SPECIAL EMPHASIS SHALL BE IN ADDITION TO THE NORMAL REPRESENTATIVE SAMPLINGS.

9. ALL UNDERGROUND FACILITIES, WITH LATERALS, SHALL BE IN PLACE AND INSPECTED PRIOR TO PAVING. INCLUDING, BUT NOT LIMITED TO THE FOLLOWING: SEWER, WATER, ELECTRIC, GAS, TELEPHONE AND DRAINAGE.

10. THE DESIGN CIVIL ENGINEER SHALL EXERCISE SUFFICIENT CONTROL OF THE CONSTRUCTION TO ENSURE COMPLIANCE WITH PLANS, SPECIFICATIONS AND CITY CODES.

11. THE FINAL UTILITY LINE BACKFILL REPORT FROM THE PROJECT SOIL ENGINEER SHALL INCLUDE AN APPROVAL STATEMENT THAT THE BACKFILL IS SUITABLE FOR THE INTENDED USE.

12. 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 PERFORMED TO VERIFY THE ACCURACY OF THE MAXIMUM DENSITY CURVES BY THE FIELD TECHNICIAN.

13. ALL CONSTRUCTION AREAS SHALL BE PROPERLY POSTED AND LIGHTED IN CONFORMANCE WITH THE STATE MANUAL OF WARNING SIGNS, LIGHTS, AND DEVICES FOR USE IN THE PERFORMANCE OF WORK UPON HIGHWAYS, IN ORDER TO ELIMINATE ANY HAZARDS.

14. AT NO TIME WILL PRIVATE PROPERTY BE USED IN CONJUNCTION WITH THE PROJECT UNLESS PROPERTY-OWNER APPROVAL IS OBTAINED IN WRITING AND GIVEN TO THE CITY FOR APPROVAL.

15. ANY CHANGES CONTEMPLATED IN: DRAINAGE, ELEVATIONS OR STRUCTURES SHOWN ON THESE PLANS MUST BE REVIEWED BY THE CITY TO DETERMINE IF REVISED PLANS SHOULD BE SUBMITTED. NONCOMPLYING CONSTRUCTION MAY BE SUBJECT TO PENALTIES AND/OR REMOVAL. "AS-BUILT" PLANS MUST BE SUBMITTED PRIOR TO ANY RELEASE OF SECURITIES AND/OR ISSUANCE OF A CERTIFICATE OF USE.

CITY OF RANCHO MIRAGE		STANDARD DETAIL 700
REVISIONS	GENERAL NOTES (TO BE INCLUDED ON ALL IMPROVEMENT PLANS)	
	5/31/01	
	APPROVED BY: CITY ENGINEER DATE	

CITY OF RANCHO MIRAGE

PAVING NOTES

1. ALL UNDERGROUND FACILITIES, INCLUDING LATERALS, SHALL BE IN PLACE, AND ALL TRENCHES COMPACTED AND TESTED PRIOR TO PAVING.

2. ALL EXISTING OR NEW IMPROVEMENTS, INCLUDING CURB AND GUTTERS, SIDEWALKS, ASPHALT CONCRETE OR P.C.C. PAVING, WHICH ARE BEING JOINED OR MATCHED IN CONNECTION WITH THIS PROJECT SHALL BE JOINED OR MATCHED IN A MANNER SATISFACTORY TO THE CITY ENGINEER, INCLUDING NECESSARY SAWCUTTING, REMOVAL, REPLACEMENT AND CAPPING.

3. NEW CURB AND GUTTER SHALL BE MARKED AT EVERY 10 FEET WITH A SCORE LINE AND EXPANSION JOINTS AS REQUIRED

4. NEW OR EXISTING CURB AND GUTTER SHALL BE JOINED, MATCHED, OR REPLACED IF DAMAGED, TO A SAWCUT LINE SUCH THAT A MINIMUM LENGTH OF 7 FEET OF CURB AND GUTTER REMAINS IN PLACE AT ALL LOCATIONS.

5. A "TACK COAT" SHALL BE APPLIED BETWEEN PAVEMENT LAYERS, CONCRETE SURFACES AND ON EXISTING PAVEMENT TO BE RESURFACED AT THE RATE OF 0.10 GAL/YD. THE TACK COAT SHALL BE TYPE SS1 ASPHALTIC EMULSION WITH A 60-70 GRADE LIQUID ASPHALT.

6. THE VISCOSITY GRADE OF PAVING ASPHALT SHALL BE ~~AR-4000~~ PG 70-10 OR AS DETERMINED BY THE CITY ENGINEER AT THE TIME OF PAVING.

7. THE FINAL OR SURFACE LAYER OF ASPHALT CONCRETE SHALL NOT BE PLACED UNTIL ALL ON-SITE IMPROVEMENTS HAVE BEEN COMPLETED, INCLUDING ALL EARTHWORK GRADING.

8. MANHOLES AND VALVE BOX FRAMES SHALL BE ADJUSTED TO FINISHED GRADES AFTER COMPLETION OF CONSTRUCTION TO THE STANDARDS OF THE FACILITY OWNER.

9. ALL EXISTING PAVEMENT WITHIN AND ADJOINING THIS PROJECT SHALL BE EITHER REMOVED OR STRUCTURALLY TESTED TO VERIFY THAT THE STRUCTURAL CAPABILITIES ARE ACCEPTABLE. ALL RESULTS SHALL BE APPROVED BY THE CITY ENGINEER.

10. THE CURB SHALL BE "ETCHED" SHOWING LATERAL LOCATIONS: "S" FOR SEWER, "G" FOR GAS, AND "E" FOR ELECTRICAL.

11. ALL PERMANENT ROADWAY TRAFFIC STRIPING, LEGENDS AND PAVEMENT MARKERS SHALL BE INSTALLED AFTER PERMANENT PAVING. THE TYPE AND LOCATIONS SHALL BE INSTALLED PER PLAN OR AS DIRECTED BY THE CITY ENGINEER.

12. TEMPORARY ROADWAY STRIPING SHALL BE INSTALLED ON ALL UNFINISHED ROADWAY SURFACES AS DIRECTED BY THE CITY ENGINEER.

13. THE AGGREGATE BASE MATERIAL SPECIFIED IN THE PLANS SHALL BE COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION WITHIN THE TOP FOOT OF THE MATERIAL UNDER PAVING. THE DEEPER SUBGRADE MUST BE COMPACTED TO AT LEAST 90% OF MAXIMUM RELATIVE DENSITY. TESTING WILL BE REQUIRED BY A SOIL ENGINEER.

14. JUST BEFORE PAVING, A SOIL STERILANT SHALL BE APPLIED TO THE COMPACTED BASE MATERIAL FOR ALL ASPHALT PAVING. SEE THE CITY'S STANDARD "SPECIAL PROVISIONS TO THE STANDARD SPECIFICATIONS" FOR THE SOIL STERILANT REQUIREMENTS.

CITY OF RANCHO MIRAGE		STANDARD DETAIL 701
REVISIONS	PAVING NOTES (TO BE INCLUDED ON ALL STREET OR PAVING PLANS)	
	5/31/01	
	APPROVED BY: CITY ENGINEER DATE	

CITY OF RANCHO MIRAGE

GRADING NOTES

1. ALL WORK SHALL CONFORM TO CITY OF RANCHO MIRAGE GRADING ORDINANCE NO. 398, THE CITY ENGINEER, AND ANY SPECIAL PROVISIONS OF THE PERMIT.

2. GRADING SHALL BE IN ACCORDANCE WITH THE ENGINEERED GRADING REQUIREMENTS OF A SOILS REPORT PREPARED BY_____ NO. _____ DATED _____ TELEPHONE #_____

* 3. THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS INSPECTION LINE (760-324-8271) 24 HOURS PRIOR TO ANY GRADING, BRUSHING OR CLEARING, EACH PHASE OF CONSTRUCTION, AND ANY OTHER WORK REQUIRING INSPECTION.

4. DURING ROUGH GRADING OPERATIONS AND PRIOR TO CONSTRUCTION OF PERMANENT DRAINAGE STRUCTURE, TEMPORARY DRAINAGE CONTROL SHALL BE PROVIDED TO PREVENT PONDING WATER, EROSION, AND DAMAGE TO ADJACENT PROPERTY.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AN EFFECTIVE MEANS OF DUST CONTROL WHICH SHALL INCLUDE PROVISIONS FOR ADEQUATE WATERING DURING THE GRADING PROCESS AND PROVISIONS FOR CONTINUANCE OF DUST CONTROL AFTER THE GRADING. DUST CONTROL SHALL CONTINUE UNTIL SUCH TIME THAT THE GRADED SURFACE PRESENTS SUFFICIENT PROTECTIVE COVER AGAINST WIND OR WATER EROSION AS DETERMINED BY THE CITY ENGINEER. SEE THE ATTACHED "LOCAL AIR QUALITY MANAGEMENT PLAN" FOR DETAILS OF EXPECTED DUST CONTROL METHODS.

6. AREAS OF FUTURE CONSTRUCTION AND ALL CUT AND FILL SLOPE FACES SHALL BE PLANTED WITH A CITY-APPROVED LANDSCAPE MATERIAL.

7. GRADING OPERATIONS AND MAINTENANCE OF EQUIPMENT WITHIN ONE HALF MILE OF HUMAN OCCUPANCY SHALL NOT BE CONDUCTED BETWEEN THE HOURS OF 5:00 P.M. AND 8:00 A.M., OR ANYTIME ON A SUNDAY OR FEDERAL HOLIDAY PER CITY CODE 15.04.020 (A).

8. PRIOR TO ANY GRADING OPERATIONS, ALL FILL AREAS SHALL BE CLEARED OF ORGANIC MATERIAL AND THE EXISTING GROUND SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 12", OR AS RECOMMENDED BY THE SOILS REPORT.

9. MAXIMUM CUT AND FILL SLOPES SHALL BE NO STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL.

10. ALL BUILDING PADS SHALL BE COMPACTED TO A MINIMUM OF 90% RELATIVE DENSITY IN ACCORDANCE WITH CITY ORDINANCE NO. 398 AND ABOVE MENTIONED SOILS REPORT.

11. ALL FILLS SHALL BE COMPACTED TO A MINIMUM OF 90% RELATIVE DENSITY IN ACCORDANCE WITH CITY ORDINANCE NO. 398. FIELD DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH CITY GRADING ORDINANCE NO. 398.

12. MINIMUM BUILDING PAD AND DRAINAGE SLOPES=0.50% DRAINAGE SWALES SHALL BE A MINIMUM OF 0.5 FEET DEEP, 5 FEET WIDE, AND BE CONSTRUCTED A MINIMUM OF 2 FEET FROM THE TOP OF CUT OR FILL SLOPES. A 1-FOOT HIGH BERM SHALL BE PLACED AT THE TOP OF ALL SLOPES WHICH EXCEED 5:1 UNLESS PROTECTED WITH APPROVED EROSION CONTROL.

13. ALL TRAVELED WAYS MUST BE CLEANED DAILY OF ALL DIRT, MUD AND DEBRIS DEPOSITED ON THEM AS A RESULT OF THE GRADING OPERATION. CLEANING IS TO BE DONE TO THE SATISFACTION OF THE CITY ENGINEER.

14. BLOCK WALLS ARE NOT PART OF THE GRADING PERMIT. SUBMIT FOR SEPARATE BUILDING PERMIT.

15. THE SOILS ENGINEER, ENGINEERING GEOLOGIST AND DESIGN CIVIL ENGINEER SHALL, DURING GRADING, ENSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS AND CODES WITHIN THEIR PURVIEW.

16. PRIOR TO FINAL ACCEPTANCE OF GRADING, THE SOILS ENGINEER AND DESIGN ENGINEER SHALL SUBMIT (ON CITY FORMS) VERIFICATION THAT ALL WORK HAS CONFORMED TO THE GRADING PLAN, CITY STANDARDS AND THE RECOMMENDATIONS OF THE SOILS REPORT

17. ANY PUBLIC ROADWAY WHICH IS INTENDED TO BE USED TO CONDUCT ANY ASPECT OF THE GRADING FOR THE PROJECT SHALL BE COVERED BY A CITY ENCROACHMENT PERMIT AND SUBJECT TO PERMIT CONDITIONS.

18. THE CITY OF RANCHO MIRAGE IS IN A QUARANTINE AREA FOR THE THE RED IMPORTED FIRE ANT. PRIOR TO ANY MOVEMENT OF SOIL WITHIN THE SITE, OR FROM THE SITE, YOU MUST SCHEDULE AN INSPECTION AT 760-776-8208 WITH THE R.I.F.A. INSPECTOR AT LEAST 24 HOURS IN ADVANCE, AND SUBMIT CERTIFICATION OF CLEARANCE TO THE CITY.

CITY OF RANCHO MIRAGE		STANDARD DETAIL 702
REVISIONS	GRADING NOTES (TO BE INCLUDED ON ALL GRADING PLANS)	
* 7/5/2012		
	7/12/12	
	APPROVED BY: CITY ENGINEER DATE	