1. All work shown on these plans shall be in accordance with City of San Juan Capistrano special provisions for the construction of sanitary sewers.

2. All work shall conform to the state construction safety orders.

3. All work shall conform to the City of San Juan Capistrano land use management code.

4. No grading, if applicable, shall commence without obtaining a grading permit and notifying the grading inspector.

5. The contractor shall obtain an encroachment permit from the City of San Juan Capistrano Public Works Division prior to commencing excavation in any public right-of-way.

6. The contractor shall notify the City Utilities inspector, Mike Smith, at (949) 487-4311 at least two (2) working days prior to starting any sewer construction.

7. Paving per these plans shall not commence until all underground work, if any, is complete. All utility service connections shall be extended beyond the roadway right-of-way.

8. The existence and location of any underground utilities or structures shown on these plans were obtained by a search of the available records. Approval of these plans by the City of San Juan Capistrano does not constitute a representation as to accuracy or completeness of the location or the existence or non-existence of any utility pipe or structure within the limits of this project. The contractor is required to take all due precautionary means to protect the utility lines not of record or not shown on these plans. The contractor shall be responsible for verifying the actual location and elevations in the field.

9. Contractor shall be responsible for providing and maintaining warning signs, devices, lights, and flagmen in accordance with the California Manual on Uniform Traffic Control Devices (California MUTCD) latest edition.

Contact Utilities Engineering Division, for latest notes.
10. REPORTS OF COMPACTION WITHIN THE TRAVELED WAY OF ALL STREETS SHALL BE SUBMITTED TO AND APPROVED BY THE CITY ENGINEER PRIOR TO PLACING ANY IMPROVEMENTS.

11. THE DESIGN ENGINEER SHALL VERIFY THE FLOW LINE OF EXISTING STRUCTURES IN THE FIELD AGAINST THE CONTROL PROVIDED, PRIOR TO CONSTRUCTION OF ANY MANHOLES OR ANY UPSTREAM SEWERS. IF THE EXISTING FLOW LINE VARIES FROM THE PLANNED ELEVATION BY MORE THAN 00.10 FEET, THE DESIGN ENGINEER SHALL ADJUST THE GRADES BETWEEN THE JUNCTURE AND THE NEXT UPSTREAM MANHOLE.

12. ANY TRENCH CUTS EXCEEDING 5 FEET IN DEPTH SHALL REQUIRE A SHORING PERMIT FROM THE CALIFORNIA STATE DEPARTMENT OF INDUSTRIAL SAFETY.

13. ALL PAVING REMOVAL SHALL BE SAW CUT AT THE CITY ENGINEER'S DIRECTION, MINIMUM DEPTH OF CUT – 1 ½ INCHES.

14. ALL REGULATORY SIGNS SHALL BE PLACED WITHIN 24 HOURS AFTER CURB RETURNS HAVE BEEN CONSTRUCTED IN THE LOCATIONS SHOWN ON THESE PLANS.

15. ALL GRADING OPERATIONS, WHEN APPLICABLE, INCLUDING REQUIRED SUBDRAINS, SHALL BE PERFORMED AND INSTALLED ACCORDING TO THE RECOMMENDATIONS INCLUDED IN THE SOILS REPORT BY ____________________, FOR ____________________, DATED ________________.

16. PAVEMENT WHICH DOES NOT JOIN OTHER PAVEMENT OR BUILT UP AGAINST CONCRETE CURBS OR CUTTERS SHALL HAVE A 2-INCH X 6-INCH REDWOOD HEADER LEFT IN PLACE.

17. DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SOIL AND MATERIALS TESTS.

18. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL TRAFFIC SIGNS WHERE APPLICABLE.

19. STATIONING REFERS TO CENTERLINE OF CONDUITS UNLESS OTHERWISE NOTED. STREET STATIONING IS IN ITALICS.

20. ALL SEWER PIPE, MAINLINE AND LATERALS SHALL BE PVC SCHEDULE SDR35 STANDARD STRENGTH IN ACCORDANCE WITH D-3034 OR
CITY OF SAN JUAN CAPISTRANO  
UTILITIES DIVISION - ENGINEERING  
STANDARD SEWER IMPROVEMENT NOTES  

VITRIFIED CLAY PIPE STANDARD STRENGTH IN ACCORDANCE WITH ASTM SPECIFICATION C-700, WITH COMPRESSION JOINTS PER ASTM C-425.


22. SEWER CROSSINGS WITH WATER LINES SHALL BE IN ACCORDANCE WITH CITY OF SAN JUAN CAPISTRANO WATER STANDARD DRAWING NO. W-12.

23. EXCAVATION AND RESURFACING OF STREETS, FOR LATERAL (PERPENDICULAR TO STREET) TRENCHES, SHALL BE PER CITY STANDARD 700. THE ENTIRE LANE WIDTHS, PARTIALLY OR FULLY AFFECTED BY SUCH TRENCHES OR EXCAVATIONS SHALL REQUIRE COLD MILLING AND AT MINIMUM, AN ASPHALTIC OVERLAY OF 0.1 FOOT IN DEPTH. ALL COLD MILLING AND OVERLAYING AND/OR OTHER STREET RESURFACING METHODS, SUCH AS SLURRY-SEALS, IF APPROVED BY THE CITY ENGINEER, SHALL INCLUDE THE ENTIRE LENGTH OF THE EXCAVATION PLUS A THREE (3) FOOT EXTENSION PASSED THE LONGITUDINAL EDGES OF EACH CUT.

24. IN THE EVENT THAT EXISTING TRAFFIC STRIPING AND MARKINGS ARE OBLITERATED BY CONSTRUCTION, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE SAID STRIPING TO THE SATISFACTION OF THE CITY ENGINEER.

25. CONTRACTOR SHALL PROVIDE ENGINEER WITH AS-CONSTRUCTED (AS-BUILT) DRAWINGS SHOWING ACTUAL CONSTRUCTED PIPE LOCATIONS AND HOUSE LATERAL LOCATIONS.

26. ALL SEWER MANHOLEs SHALL BE LINED WITH POLYURETHANE, OR EQUAL MATERIAL IN CONFORMANCE WITH SECTION 500 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, "GREEN BOOK".

27. PRIOR TO ACCEPTANCE OF THE SEWER FACILITY BY THE CITY, THE SEWER LINE SHALL BE VIDEO TAPEd BY THE DEVELOPER, IN THE PRESENCE OF A CITY UTILITIES STAFF REPRESENTATIVE/INSPECTOR. THE VIDEO TAPE SHALL BECOME THE PROPERTY OF THE CITY UTILITIES DIVISION.

CONTACT UTILITIES ENGINEERING DIVISION, FOR LATEST NOTES.
28. CONTRACTOR SHALL PROVIDE A CLEAR UNOBSERVED WALKWAY FOR PEDESTRIANS PAST WORK AREA(S). AT NO TIME SHALL PEDESTRIANS BE DIRECTED INTO A VEHICULAR LANE.

29. NO STAGING OF CONSTRUCTION EQUIPMENT SHALL BE PERMITTED IN THE RIGHT-OF-WAY.

30. A TRAFFIC CONTROL PLAN SHALL BE REQUIRED FOR ALL LANE CLOSURES. SAID PLAN SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE CITY ENGINEER PRIOR TO ISSUANCE OF AN ENCROACHMENT PERMIT FOR WORK IN THE RIGHT-OF-WAY.

31. FOR DETOURS AND STREET CLOSURES, PUT FOLLOWING NOTE, “CONTRACTOR SHALL NOTIFY CITY ENGINEER (949-493-1171), ORANGE COUNTY SHERIFFS DEPARTMENT (949-770-6011), AND ORANGE COUNTY FIRE AUTHORITY (714-573-6100) AT LEAST 72 HOUR PRIOR TO STREET CLOSURE OR DETOUR”.

32. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH ALL SECTIONS OF THE MUNICIPAL CODE OF THE CITY OF SAN JUAN CAPISTRANO, ESPECIALLY SECTION 6-3.06(B), (C), (D), AND (E), AND SHALL SECURE THE SERVICES OF THE CITY’S EXCLUSIVE SOLID WASTE HAULER FOR THEIR SOLID WASTE HANDLING NEEDS.

33. EROSION AND SEDIMENT CONTROL SHALL BE PURSUANT TO BEST MANAGEMENT PRACTICES AND SHALL BE INSTALLED AND MAINTAINED BY CONTRACTOR DURING ENTIRE CONSTRUCTION PERIOD.

34. MAINTAIN THE SITE IN A “WET-DOWN” CONDITION TO THE DEGREE NECESSARY TO PREVENT EXCESSIVE DUST. PERIODICALLY REMOVE SPILLAGE FROM THE PUBLIC RIGHT-OF-WAY BY SWEEPING OR SPRINKLING, HOWEVER, WATERING THAT RESULT IN MUD ON PUBLIC STREETS IS NOT PERMITTED AS A SUBSTITUTE FOR OTHER CLEANING METHODS.

35. PER CITY COUNCIL POLICY 601, AN ARCHAEOLOGICAL MONITOR IS REQUIRED TO BE ON SITE DURING ALL EXCAVATION ACTIVITIES IN EXCESS OF 18 INCHES, UNLESS DETERMINED TO BE EXEMPT BY THE DEVELOPMENT SERVICES DIRECTOR. A FINAL REPORT MUST BE PREPARED AND SUBMITTED TO THE DEVELOPMENT SERVICES DEPARTMENT AND TO THE PUBLIC WORKS AND UTILITIES DEPARTMENT – UTILITIES DIVISION WHEN MONITORING REQUIREMENTS OF THIS

CONTACT UTILITIES ENGINEERING DIVISION, FOR LATEST NOTES.
PROJECT ARE COMPLETE. ALL COSTS SHALL BE BORNE BY PERMITTEE.

36. PER CITY COUNCIL POLICY 505, NIGHT TIME CONSTRUCTION WORK WILL BE REQUIRED ON HEAVILY TRAVELED STREETS (IN NON-RESIDENTIAL NEIGHBORHOODS). REFER TO POLICY FOR AFFECTED STREETS.

37. WHERE GROUND WATER IS ENCOUNTERED DURING TRENCHING AND/OR EXCAVATION, A MINIMUM OF 1 FOOT OF NO. 2 ROCK SHALL BE PLACED BENEATH ANY PIPE TO THE SATISFACTION OF THE UTILITIES ENGINEER.

38. INGRESS AND EGRESS TO EXISTING ESTABLISHMENTS SHALL BE KEPT OPEN TO THE SATISFACTION OF THE CITY ENGINEER.

39. NO WORK SHALL BE DONE ON ADJACENT PROPERTIES OR ADJACENT OWNER’S IMPROVEMENTS WITHOUT OBTAINING WRITTEN PERMISSION FROM THE OWNER OF THE ADJACENT PROPERTIES, AND SUBMITTING A NOTARIZED COPY THEREOF TO THE CITY UTILITIES ENGINEERING DIVISION.

40. ISSUANCE OF A PERMIT FROM THE PUBLIC WORKS AND UTILITIES DEPARTMENT- UTILITIES AND/OR PUBLIC WORKS DIVISIONS DOES NOT ELIMINATE THE NEED FOR PERMITS FROM OTHER CITY REGULATORY DIVISIONS/DEPARTMENTS OR AGENCIES WITH REGULATORY RESPONSIBILITIES FOR CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE WORK AUTHORIZED ON THIS PLAN.

41. ENGINEER SHALL SUBMIT STAMPED “AS BUILT” MYLAR DRAWINGS AND DIGITAL COPIES (IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF SAN JUAN CAPISTRANO DIGITAL SUBMISSION STANDARDS) TO THE CITY PUBLIC WORKS AND UTILITIES DEPARTMENT – UTILITIES ENGINEERING DIVISION, UPON COMPLETION OF IMPROVEMENTS IN ACCORDANCE WITH APPROVED REVISIONS, TO THE SATISFACTION OF THE ASSISTANT UTILITIES DIRECTOR.