

**CITY OF SAN CLEMENTE
GENERAL NOTES
FOR
STORM DRAIN PLANS**

1. ALL WORK SHALL CONFORM TO THE STANDARD PLANS AND SPECIFICATIONS OF THE CITY OF SAN CLEMENTE, ORANGE COUNTY PUBLIC FACILITIES & RESOURCES DEPARTMENT (PF&RD), AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION. ALL WORK SHALL BE SUBJECT TO THE CITY ENGINEER'S ACCEPTANCE AS A CONDITION OF COMPLETION OF WORK BY THE CONTRACTOR.
2. THE CONTRACTOR SHALL NOTIFY THE CITY OF SAN CLEMENTE'S INSPECTOR AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION AT (949) 361-6131.
3. THE CONTRACTOR SHALL ALSO NOTIFY THE DISTRICT'S INSPECTOR AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION BY TELEPHONING 714/567-7800, OR BY WRITING TO THE ORANGE COUNTY PUBLIC FACILITIES & RESOURCES DEPARTMENT (PF&RD), ATTENTION - CONSTRUCTION, P. O. BOX 4048, SANTA ANA, CALIFORNIA 92702.
4. ALL REINFORCED CONCRETE PIPE SHALL BE BEDDED IN ACCORDANCE WITH CITY OF SAN CLEMENTE WATER AND SEWERAGE STANDARD PLAN WS-1.
5. ALL CONCRETE IN REINFORCED CONCRETE STRUCTURES SHALL BE 3,000 PSI, PORTLAND CEMENT CONCRETE.
6. ALL PIPE LENGTHS ARE HORIZONTAL PROJECTS, UNLESS OTHERWISE SHOWN.
7. CONTRACTOR SHALL OBTAIN PERMIT FROM PF&RD AND CALTRANS FOR WORK WITHIN THEIR RIGHT-OF-WAY.
8. LOCATIONS OF PUBLIC UTILITIES SHOWN HAVE BEEN DETERMINED FROM AVAILABLE INFORMATION. HOWEVER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE TRUE LOCATION OF ANY EXISTING UTILITIES AND TO EXERCISE PROPER PRECAUTIONS TO AVOID INJURY OR DAMAGED THERETO.
9. PRIOR TO THE PLACEMENT OF STORM DRAIN IMPROVEMENTS, THE DEVELOPER'S SOILS ENGINEER SHALL CERTIFY IN WRITING TO THE CITY'S INSPECTOR THAT THE STORM DRAIN SUBGRADE IS OF ADEQUATE STRENGTH TO SUPPORT THE STRUCTURES AND ANY ANTICIPATED LOADS.
10. ALL TRENCH EXCAVATIONS SHALL CONFORM TO STATE OF CALIFORNIA CONSTRUCTION SAFETY ORDERS.
11. MANHOLE RINGS AND COVERS SHALL BE "ALHAMBRA FOUNDRY A-1499" OR EQUAL PER ASTM-A-48, CLASS 40 IRON, DIPPED TWICE IN ASPHALT OR COAL TAR OIL, HAVE 24" CLEAR OPENING, AND STAMPED "SD" ON COVER SHALL CONFORM TO APPLICABLE A.S.T.M. STANDARDS.
12. ALL FILL MATERIAL SHALL BE COMPACTED TO 90% RELATIVE COMPACTION AS DETERMINED BY CALIFORNIA TEST METHOD 216F.
13. ALL MATERIALS TESTING FOR THE DRAINAGE FACILITIES SHALL BE PROVIDED BY THE CONTRACTOR OR DEVELOPER IN ACCORDANCE WITH THE NUMBER, LOCATION AND FREQUENCY REQUESTED BY THE CITY'S INSPECTOR.
14. PRIOR TO CONSTRUCTION, ALL SURVEY MONUMENTS AND CENTERLINE TIES ARE TO BE LOCATED IN THE FIELD. UPON COMPLETION OF CONSTRUCTION, ALL DAMAGED OR DESTROYED CENTERLINE TIES AND SURVEY MONUMENTS ARE TO BE RESET AND "CORNER RECORDS" PREPARED FOR SURVEY MONUMENTS FOR SUBMISSION TO THE CITY'S ENGINEERING DIVISION AND FILING WITH THE COUNTY SURVEYOR IN COMPLIANCE WITH AB1414. THIS MUST BE COMPLETED PRIOR TO CERTIFYING COMPLETION OF THE PROJECT. ALL RESTORATIONS OF SURVEY MONUMENTS SHALL BE CERTIFIED BY THE DESIGN REGISTERED ENGINEER IN ACCORDANCE WITH SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE.