

**CITY OF SAN CLEMENTE  
GENERAL NOTES  
FOR  
STREET IMPROVEMENT 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. ALL UNDERGROUND UTILITIES SHALL BE INSTALLED PRIOR TO SURFACING OF THE STREETS.
3. ALL MONUMENTS SHALL BE SET IN ACCORDANCE WITH THE RECORDED TRACT MAP AND THE REQUIREMENTS OF THE CITY ENGINEER.
4. THE STRUCTURAL SECTIONS SHALL BE RECOMMENDED BY A GEOTECHNICAL REPORT AND SUBMITTED TO THE CITY OF SAN CLEMENTE FOR APPROVAL UPON COMPLETION OF ROUGH GRADING. MINIMUM STRUCTURAL SECTION SHALL BE 4" A.C. OVER 7" A.B.
5. ALL EXISTING STRUCTURES AND SUBSTRUCTURES SHOWN ON THESE PLANS ARE FROM AVAILABLE RECORDS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF SAID STRUCTURES AND SUBSTRUCTURES AND PROTECT THEM IN PLACE WHETHER OR NOT SHOWN ON THESE PLANS.
6. GUTTERS WITH LESS THAN 2% GRADE SHALL BE WATER CHECKED DURING FINISHING TO AVOID PONDING.
7. CURB ALIGNMENT AND GRADE SHALL NOT DEVIATE FROM PLANS MORE THAN .02' WITHIN A 5' INTERVAL.
8. WHEN WORKING IN STREETS ADJACENT TO STREETS ALREADY IN USE, THE CONTRACTOR SHALL USE PROPER SAFETY SIGNING AND BARRICADING SUCH AS THOSE GIVEN IN THE W.A.T.C.H. MANUAL OR THE MANUAL OF WARNING LIGHTS. LIGHTS AND DEVICES FOR USE IN PERFORMANCE OF WORKS IN HIGHWAYS PUBLISHED BY THE CALIFORNIA DEPARTMENT OF PUBLIC WORKS.
9. WORKING HOURS FROM 8:00 AM TO 4:30 PM, MONDAY THROUGH FRIDAY, EXCEPT CITY HOLIDAYS, SHALL BE MAINTAINED. ANY EXCEPTIONS SHALL BE PER CITY ENGINEER'S APPROVAL.
10. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF THE CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
11. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE CITY ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
12. CONTRACTOR SHALL PROVIDE A PRIME COAT OF GRADE SC-250 LIQUID ASPHALT APPLIED AT THE RATE OF 0.10 TO 0.25 GALLON PER YARD.
13. CONTRACTOR SHALL PROVIDE SLURRY SEAL AS REQUIRED BY THE CITY ENGINEER.

14. APPROVED SOIL STERILANT IS REQUIRED UNDER ALL NEW ASPHALT PAVEMENTS PRIOR TO PLACEMENT.
15. CONTRACTOR SHALL PROVIDE CRUSHED AGGREGATE BASE AS SPECIFIED IN SECTION 200-2.2 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, WHENEVER A.B. OR UNTREATED BASE MATERIAL IS INDICATED, UNLESS OTHERWISE WAIVED IN WRITING BY THE CITY ENGINEER.
16. DESIGN ENGINEER SHALL CERTIFY ALL LINES AND GRADES PER APPROVED PLANS.
17. MAILBOXES SHALL BE INSTALLED IN LOCATIONS APPROVED BY LOCAL POSTMASTER AND PER PF&RD STANDARD PLAN NO. 1205.
18. ALL CONCRETE CURBS AND GUTTERS AND SIDEWALKS WITHIN PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED ON A MINIMUM OF 4" AGGREGATE BASE.
19. ALL CROSS GUTTERS AND SPANDRELS WITHIN PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED ON A MINIMUM OF 6" AGGREGATE BASE.
20. PRIOR TO CONSTRUCTION, ALL SURVEY MONUMENTS & CENTERLINE TIES ARE TO BE LOCATED IN THE FIELD. UPON COMPLETION OF CONSTRUCTION, ALL DAMAGED OR DESTROYED CENTERLINE TIES OR SURVEY MONUMENTS ARE TO BE RESET AND "CORNER RECORDS" PREPARED FOR SURVEY MONUMENT 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.
21. PRIOR TO APPROVAL OF IMPROVEMENTS BY THE ENGINEERING DIVISION AND ACCEPTANCE BY THE CITY, CENTERLINE MONUMENTS SHALL BE SET AT ALL POINTS OF INTERSECTION STREETS BEGINNING OF CURVES, POINTS OF REVERSE CURVE, END OF CURVES, CENTER OF CUL-DE-SACS, AND ANY OTHER POINTS DESIGNATED BY THE CITY ENGINEER OR HIS DESIGNEE. TIES TO MONUMENTS SHALL BE SET WITHIN 30 DAYS AFTER COMPLETION OF IMPROVEMENTS AND COPY OF SAID TIES SHALL BE FURNISHED TO THE CITY ENGINEER.
22. CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT AN ANTICIPATED STORM DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE.

DISCHARGES OF MATERIAL OTHER THAN STORMWATER ARE ALLOWED ONLY WHEN NECESSARY FOR PERFORMANCE AND COMPLETION OF CONSTRUCTION PRACTICES AND WHERE THEY DO NOT: CAUSE OR CONTRIBUTE TO A VIOLATION OF ANY WATER QUALITY STANDARD; CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR NUISANCE; OR CONTAIN A HAZARDOUS SUBSTANCE IN A QUANTITY REPORTABLE UNDER FEDERAL REGULATIONS 40 CFR PARTS 117 AND 302.

POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, GLUES, LIMES, PESTICIDES, HERBICIDES, WOOD PRESERVATIVES AND SOLVENTS; ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; FERTILIZERS, VEHICLE/EQUIPMENT WASH WATER AND CONCRETE WASH WATER; CONCRETE, DETERGENT OR FLOATABLE WASTES; WASTES FROM ANY ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING; AND SUPERCHLORINATED POTABLE WATER LINE FLUSHINGS.

DURING CONSTRUCTION, DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ON-SITE, PHYSICALLY SEPARATED FROM POTENTIAL STORM WATER RUN-OFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.

24. DEWATERING ON CONTAMINATED GROUNDWATER, OR DISCHARGING CONTAMINATED SOILS VIA SURFACE EROSION IS PROHIBITED. DEWATERING OF NON-CONTAMINATED GROUNDWATER REQUIRES A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT FROM THE RESPECTIVE STATE REGIONAL WATER QUALITY CONTROL BOARD.

SPECIAL NOTES

1. PURSUANT TO STREET AND HIGHWAY CODE 1805.5, ALL CATCH BASIN GRATES SHALL BE OF A TYPE WHICH IS "NON-HAZARDOUS" TO BICYCLE RIDERS.
2. PURSUANT TO STATE LAW, THE CONTRACTOR SHALL CONSTRUCT A WHEELCHAIR RAMP AT ALL STREET INTERSECTIONS.

NOTICE TO CONTRACTOR

NOTIFY THE FOLLOWING COMPANIES 48 HOURS PRIOR TO CONSTRUCTION FOR LOCATION OF UNDERGROUND INSTALLATION:

(PLAN PREPARER TO PROVIDE CURRENT PHONE NUMBERS)

- |                                    |                 |
|------------------------------------|-----------------|
| 1. UNDERGROUND SERVICE ALERT       | (PHONE #) _____ |
| 2. PACIFIC BELL                    | (PHONE #) _____ |
| 3. SAN DIEGO GAS & ELECTRIC        | (PHONE #) _____ |
| 4. SOUTHERN CALIFORNIA GAS COMPANY | (PHONE #) _____ |
| 5. COX COMMUNICATIONS              | (PHONE #) _____ |

### STREET LIGHTING NOTES

1. STREET LIGHTING SHALL CONFORM TO STANDARD PLANS AND SPECIFICATIONS OF THE CITY OF SAN CLEMENTE, ORANGE COUNTY PUBLIC FACILITIES & RESOURCES DEPARTMENT (PF&RD), LATEST EDITION.
2. STREET LIGHT CONTRACTOR SHALL SUBMIT "AS BUILT" UNDERGROUND WIRING PLANS TO THE CITY.
3. EACH STREET LIGHT SHALL HAVE ITS OWN PULL BOX, DOUBLE 15 AMP, FUSE AND GROUND ROD. ALL WIRE SHALL BE COPPER.
4. CONDUIT SHALL BE SCHEDULE 40, P.V.C. 1-1/4" MINIMUM DIAMETER. MINIMUM OF 36" BELOW TOP OF CURB.

### STRIPING GENERAL NOTES

1. ALL WORK AND EQUIPMENT SHALL CONFORM TO THE REQUIREMENTS OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS, LATEST EDITION.
2. THE CONTRACTOR SHALL RESTORE OR REPLACE ALL EXISTING IMPROVEMENTS DISTURBED DURING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO STREET STRIPING, LANDSCAPING, AND SIGNS.
3. ALL STRIPING AND PAVEMENT LEGENDS TO BE INSTALLED PER STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION TRAFFIC MANUAL, LATEST EDITION. NEW STRIPING SHALL NOT BE PLACED UNTIL SPOTTED AND SPOTTING APPROVED BY THE CITY ENGINEER.
4. ALL CONFLICTING STRIPING SHALL BE WET OR VACUUM SANDBLASTED. CONFLICTING RAISED PAVEMENT MARKERS SHALL ALSO BE REMOVED.
5. ALL WORK SHALL BE COORDINATED WITH AND COMPLETED TO THE SATISFACTION OF THE CITY OF SAN CLEMENTE, TRAFFIC DIVISION.
6. FIRE HYDRANT RAISED PAVEMENT MARKERS SHALL BE INSTALLED PER CITY OF SAN CLEMENTE STANDARDS.
7. ALL POSTS SHALL BE SQUARE TUBE (PF&RD STANDARD PLAN NO. 1417).
8. ALL PAVEMENT ARROWS SHALL CONFORM TO THE CITY OF SAN CLEMENTE STENCILS.
9. ALL SIGN SHALL BE REFLECTORIZED AND SHALL CONFORM TO THE CITY OF SAN CLEMENTE SPECIFICATIONS. INSTALLTION SHALL CONFORM TO PF&RD STANDARD PLANS AND TRAFFIC MANUAL.
10. ALL PAVEMENT LEGENDS SHALL BE PLACED IN THE CENTER OF THE TRAVEL LANE (EXCLUDING 8' OF PARKING LANE).
11. INSTALL THERMOPLASTIC (ETM) CROSSWALK, PAVEMENT ARROW MESSAGED, AND LIMIT LINES PER CALTRANS STANDARD PLANS.

