

**CITY OF EL CAJON**  
**PUBLIC SEWER MAIN IMPROVEMENTS PLAN PROCESSING**

- 1st submittal           -4 sets of plans  
                              -Cost Estimate of public sewer main improvements based on the City Unit Costs (ATTACHED)  
                              -Public Sewer Main Plan Check fee based on Improvement Plan Check Fee (ATTACHED)  
                              -Completed Public Sewer Main Improvements Plan Checklist (ATTACHED)  
                              -Soils Report
- 2nd submittal           -2 sets of plans and previous check prints
- For final review       -Any remaining Plan Check fees, Inspection fees, any other fees, encroachment permits or subdivision agreements, bonds and insurance.  
                              -1 set of plans  
                              -Original Mylar

After originals are signed, the developer needs to arrange for a bonded blueprint company to pick up the originals and provide the City with 9 sets of plans before construction may begin.

## **Notes to be placed on the plans.**

### **WORK TO BE DONE**

THE FOLLOWING WORK SHALL BE DONE IN ACCORDANCE WITH THESE PLANS, THE 2003 EDITION OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", INCLUDING THE REGIONAL SUPPLEMENT AMENDMENTS, AND THE 2003 EDITION OF THE SAN DIEGO AREA REGIONAL STANDARD DRAWINGS, ADOPTED BY THE EL CAJON CITY COUNCIL, ON THE 22ND DAY OF JULY, 2003.

### **PUBLIC SEWER MAIN IMPROVEMENTS GENERAL NOTES**

1. Public sewer mains shall be in accordance to the City of El Cajon Department of Public Works Improvement Standards for Public Sewer Mains, current edition.
2. The contractor shall notify the City Engineer at 441-1653, at least two working days prior to start of any construction work.
3. The contractor shall contact the respective utility owners for location, removal and/or relocation of any utility services affected by the construction.
4. All underground utilities shall be installed prior to placement of paving and base or concrete.
5. The Contractor shall verify locations of all existing utilities prior to start of construction. Section 4216/4217 of the Government Code requires a Dig Alert Identification Number be issued before excavation will be permitted. Call for Mark-outs and a Dig Alert I.D. Number from Underground Service Alert, at 811 at least two working days before excavation.
6. The contractor shall be responsible for exposing, verifying locations both horizontal and vertical, and maintaining all existing underground utilities, shown or not shown on the plans during construction
7. If there is a conflict between this plan and other plans, even if the other plan is dated after this plan, do no work until the conflict is resolved and reviewed by the Engineer of Work and the City Engineer.
8. All operations conducted on the premises, including running of trucks and equipment, shall be limited to a period between 7:00 a.m. and 6:00 p.m., Monday through Friday. No work shall be done on Saturdays, Sundays or Holidays. Noise control requirements shall be complied with.
9. All concrete forms and reinforcing are to be inspected and accepted by the City Engineer before concrete is placed.
10. Subject to revision in one (1) year.

11. The contractor shall assume sole and complete responsibility for public right-of-way conditions during the course of construction, including safety of all persons and property. This responsibility shall apply continuously around the clock.
12. Approval of this plan is based on the information provided by the Engineer of Work. Where field conditions vary, revision may be required.
13. Review of these plans by Helix Water District does not constitute responsibility for accuracy of information nor location of any existing utilities.
14. Existing streets shall be kept free of dirt and debris, and shall be maintained in good condition. Dust shall be controlled so that it is not a nuisance. The contractor shall be responsible for the repair of any street or property damaged, public or private, as a result of the work.
15. Traffic control shall be in accordance with the "California Manual on Uniform Traffic Control Devices for Streets and Highways, Part 6, Temporary Traffic Control" dated September 2006.
16. The City of El Cajon shall review all Public sewer main improvements prior to construction.

(place on Title Sheet)

CITY OF EL CAJON DEPARTMENT OF PUBLIC WORKS PUBLIC SEWER MAIN	
_____ REVIEWED BY	_____ DATE

17. The City Engineer shall inspect all sewer mains prior to being backfilled. The contractor shall notify the City Engineer 441-1653 two (2) working days in advance of installation. If the contractor fails to notify the City Engineer the installed Work is subject to removal at the contractor's expense.
18. Trenching and backfill shall be per Detail A shown on this sheet.
19. Subgrade preparation for manhole bases shall be inspected by the City Engineer before concrete is placed. Any required soil testing shall be at the contractors expense and shall be provided to the City Engineer.
20. All sewers shall terminate at a sewer manhole unless otherwise approved by the City Engineer.
21. Sewer manholes shall be minimum of 5-feet in diameter (S-2).

22. The owner and/or the owner's contractor shall be responsible to establish a plan to implement Best Management Practice to eliminate pollutant discharge to the public storm drain system. Such plan shall be submitted to and reviewed by the City Engineer prior to any soil disturbance, grading, clearing of vegetative matter, and/or construction on the site.
23. The plan shall provide that no sand, silt, or debris shall be allowed to enter the storm drain system including public streets.
24. The owner and/or the owner's contractor shall implement the plan and take remedial and preventive action immediately when pollutant discharge occurs and/or the City Engineer or the Building Division directs.
25. 22, 23, and 24 above, shall apply starting the 1st day of grading and/or construction and shall remain in effect until all grading and/or construction work has been completed. Unless otherwise specified.
26. The plan shall be in conformance with the City of El Cajon Standard Urban Storm Water Mitigation Plan Ordinance (SUSMP) and Jurisdictional Urban Runoff Management Program (JURMP). This ordinance requires the applicant to provide additional erosion control measures and perform future ongoing maintenance even after completion of the project to prevent, treat, or limit the amount of storm water runoff and pollution from the property.
27. Prior to any work within the public right-of-way, an encroachment permit or a subdivision agreement is required from the City of El Cajon including all necessary bonds, fees, liability insurance and worker's compensation, conforming to sections 7-3 and 7-4 of the "Standard Specifications for Public Works Construction", 2003 edition.

**AS BUILT**

I certify that I observed the construction, and the work shown on this public sewer plan has been done in conformance with my design, recommendations or requirements and any approved changes.

\_\_\_\_\_  
(Engineer of work) Date

If Helix Water District improvements are shown on Public Sewer Main Plans, the title sheet ONLY shall include their signature block:

<u>HELIX WATER DISTRICT</u>	
_____ REVIEWED BY	_____ DATE

The following shall be placed on the title sheet:

**DECLARATION OF RESPONSIBLE CHARGE**

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF EL CAJON IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

BY: \_\_\_\_\_  
[NAME] RCE: [LICENSE NO] [DATE]