

ADDENDUM NUMBER 3
to the
CONSTRUCTION DOCUMENTS
September 7, 1984

General

The following changes, additions or deletions shall be made to the following documents; all other conditions shall remain the same.

I. Request for Bid

Item No.

1. Change the time for receipt and opening of technical and cost proposals from 2:30 P.M., September 24, 1984 to 2:30 P.M., October 1, 1984.

II. Performance Specification

Item No.

1. Division 15, Section B.13 (Mechanical); Gas and Water Pressure Regulators and Meters, add the following:
"In addition to the master water meter, furnish and install a Hersey, Rockwell, or equal 3/4" water meter for each individual housing unit. Meters shall be installed in a precast concrete box."
2. Division 15, Section B.15.a.(1) (Mechanical), Page 13 of 21, second line, change "12" diameter to "14" diameter."
3. Division 15, Section B.16.a. (Mechanical), Page 15 of 21:
 - a. Add the following after the first sentence:
"The elevation of the sewer flow line at this point shall be 26.4. A new 8" sewer shall be placed in Fortuna Road by others. The flow line elevation and location of sewers within the project site shall be as required to permit the sewer(s) to be extended to the south to serve future housing units.
 - b. Change the minimum slopes (Minimum Design Criteria) for 6" and 8" sewers to 0.5'/100' and .20'/100', respectively.

- (4) Pipe 2" and smaller shall be Type "X" copper.
- (5) Fire Hydrants shall be Rich "East Bay," equivalent Long Beach Iron Works, or equal, with two 0- to 2-1/2" hose connections and a 4" pumper outlet.

c. Shop Drawings

As part of the Shop Drawings the Contractor shall prepare plan and profile drawings of the exterior water system at scales of 1" = 40' horizontal and 1" = 6' vertical. The location of all valves, fire hydrants and other appurtenances shall be clearly shown. Profiles of branch lines (less than 8" in diameter) are not required. Profiles of off-site lines are not required. Details showing road or street crossings shall be shown.

16. Exterior Sanitary Sewerage System

a. Off-site Sewerage

The Contractor shall assume that access to a trunk sewer line will be available at the termination of Fortuna Road and the Project's site.

Minimum Design Criteria

Sewer I.D. (inches)	4"	6"	8"
Slope (Min. in Ft/100 Ft.)	2/100	1/100	0.33/100
Max. connected load (Apt. Units)	8	72	N/A
Max. Cleanout Spacing	50	N/A	N/A
Max. Manhole Spacing	N/A	250'	300'
Min. Depth of Cover to top of pipe. Water line clearance may require deeper minimums.	2½'	3'	3'

Cleanout same size as pipe and bring to finish grade. Provide ring and lid when in the paved area. Y and 1/8 bend cleanout at all changes in alignment of 45° or greater. Connections to existing sewer shall be made at an existing manhole.

b. Materials and Construction

(1) Materials and Construction

- (a) Sewer mains, manholes and appurtenances shall be furnished and installed in accordance with the applicable Standard Specifications and Drawings of the County of Santa Barbara.
- (b) Pipe shall be extra strength vitrified clay pipe with mechanical compression joints equal to "Wedge-Lock," "Speed-Seal" or equal, or PVC sewer pipe and fittings as per ASTM D-3034-73, SDR-35 Johns Manville, CertainTeed or equal.

c. Shop Drawings

As part of the Shop Drawings the Contractor shall prepare plan and profile drawings of the exterior sewer system at scales of 1" = 40' horizontal and 1" = 6' vertical. The location of all cleanouts, manholes and water line crossings shall be clearly shown. Profiles of building laterals are not required.

17. Procedure for the Disinfection of Water Systems

All potable water systems, both within the buildings and exterior underground, shall be thoroughly disinfected in strict accordance with the following specifications prepared by the Office of Environmental Health & Safety. Final acceptance of the work will be contingent upon satisfactory completion of this procedure and approval of laboratory analysis of water samples.

a. Scope of Supervision and Testing

- (1) The Owner shall have its Health and Safety Office (EH&S) approve the chlorination schedules and procedure prior to initiation of work.
- (2) Upon project initiation, EH&S will supervise the disinfecting operation, conduct tests, take water samples for bacteriological and/or other analyses, and issue written approval of satisfactory disinfection results.

b. Contractor's Responsibility

- (1) The contractor shall furnish labor, equipment, materials, transportation, and post warning signs as required to disinfect hot and/or cold water systems, fire lines, and any other lines connected thereto in conformity with procedures and standards described in this procedure.