

**TO:** JAMES L. APP, CITY MANAGER  
**FROM:** DITAS ESPERANZA, CITY ENGINEER *DE*  
**SUBJECT:** AESTHETIC DESIGN FOR PROPOSED 4 MILLION GALLON (MG) WATER TANK  
**DATE:** DECEMBER 21, 1999

**Needs:** For the City Council to approve the final aesthetic design as part of the construction of a water tank.

- Facts:**
1. The Water Master Plan has identified the need to install an additional 4 million gallon (MG) water tank in order to meet the expanding water storage needs for the City.
  2. The City Council adopted a Capital Improvement Program (CIP) in which \$4 million dollars was budgeted for this water tank construction.
  3. The new water tank will be constructed next to an existing tank near Rolling Hills Road.
  4. Based on the high visibility of the water tank site to surrounding properties and the community in general, the City Council directed staff to include aesthetic design features to minimize visual impact of the water tank. In response to that direction, a design firm was engaged to identify exterior design approaches for the facility.

**Analysis and**

**Conclusion:** The exterior appearance of the existing and future tanks is an important element in the overall appearance of existing and future residential development in the area.

In order to mitigate the visual impact of the water tanks, it is proposed that a combination of earthen berms/moundings, landscaping, and fabricated rock outcroppings be installed.

This design concept was submitted to the Planning Commission for their review/comment. Four planning commissioners expressed concern regarding the costs to install these aesthetic design features, particularly the fabricated rocks. They felt that landscaping and earthen berms and mounding features would be adequate to address the visual impact of the tanks.

Two other commissioners felt that if the City Council allocated funds for these aesthetic design features, they liked the fabricated rock concept.

The overall budget for this project is 4 million dollars; the proposed aesthetic design as illustrated on the attached exhibit is estimated between \$350,000 to \$400,000 and can be accomplished within the project budget.

**Policy**

**Reference:** Adopted Capital Improvement Program  
Water Master Plan

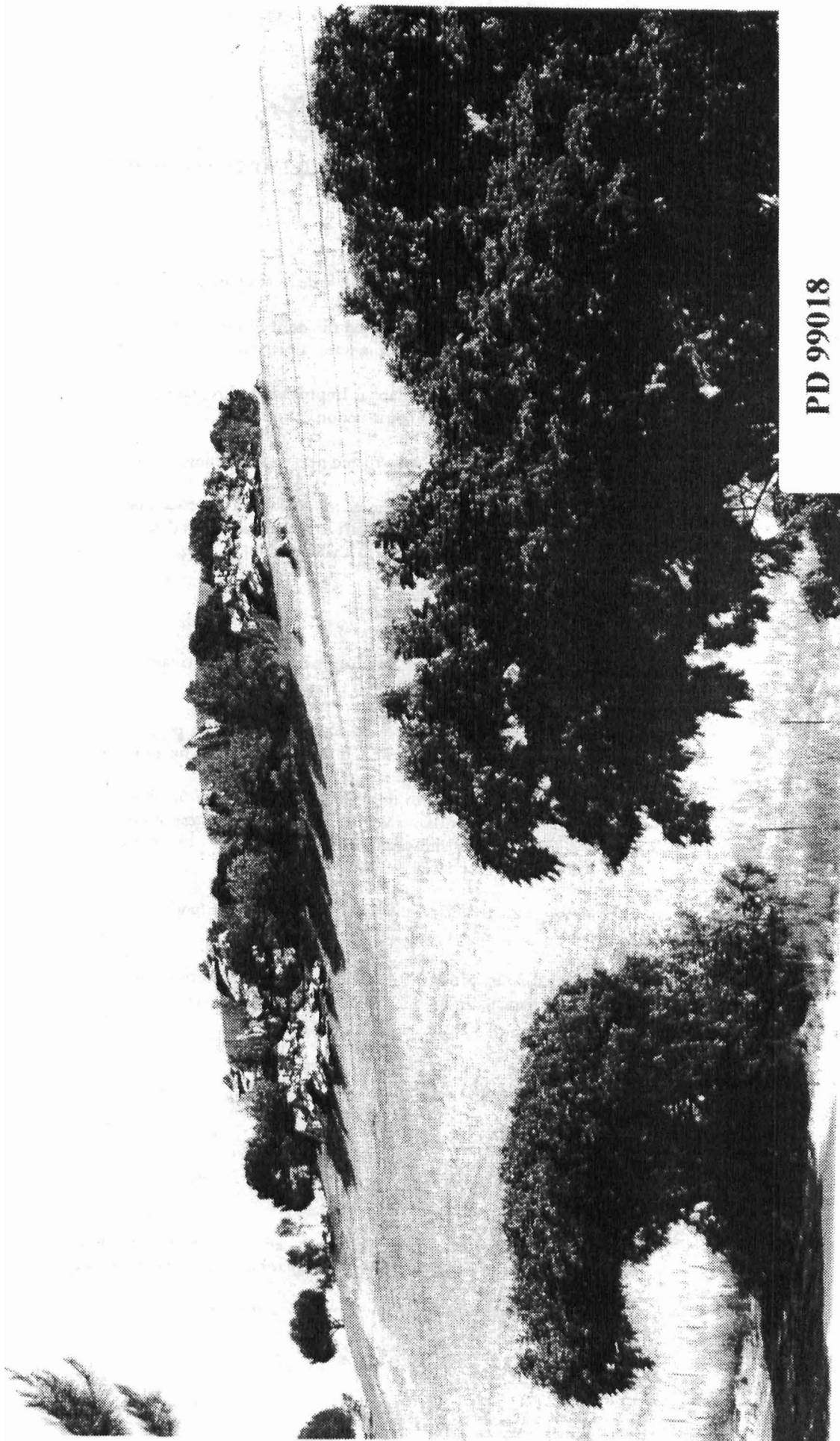
**Fiscal**

**Impact:** It was anticipated that more than \$500,000 would be used for aesthetic design features when the budget was adopted for this project.

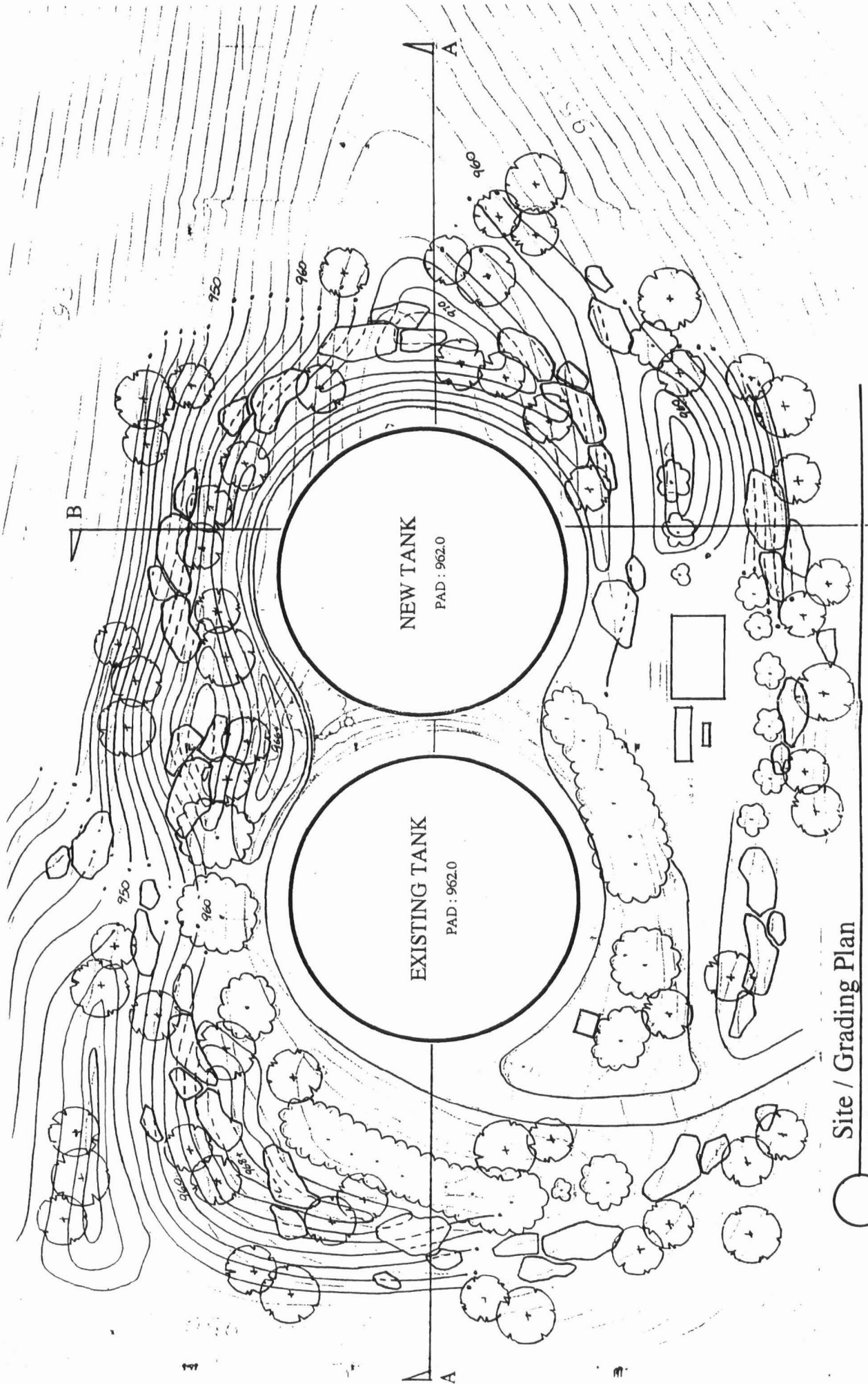
**Options:**

- A. That the City Council direct staff to proceed with the aesthetic design features as shown on the attached exhibit, utilizing fabricated rocks, earthen berms and mounding, and landscaping materials
- B. That the City Council amend, modify or reject the above option.

Attachments: (2)  
1) Sections  
2) Color Photos



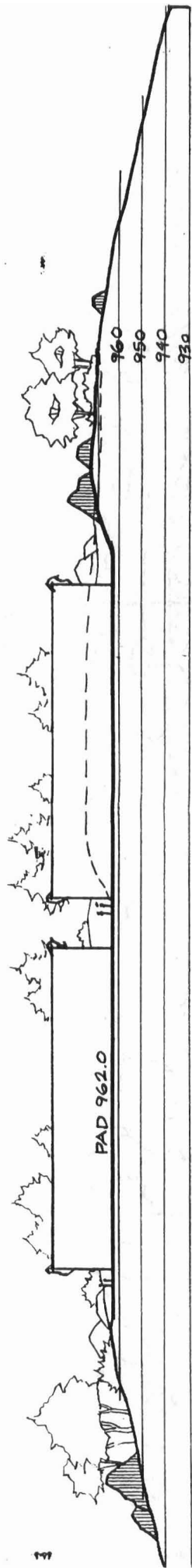
PD 99018  
CITY WATER TANK  
AESTHETIC DESIGN



Site / Grading Plan

Scale : 1" = 40' - 0"

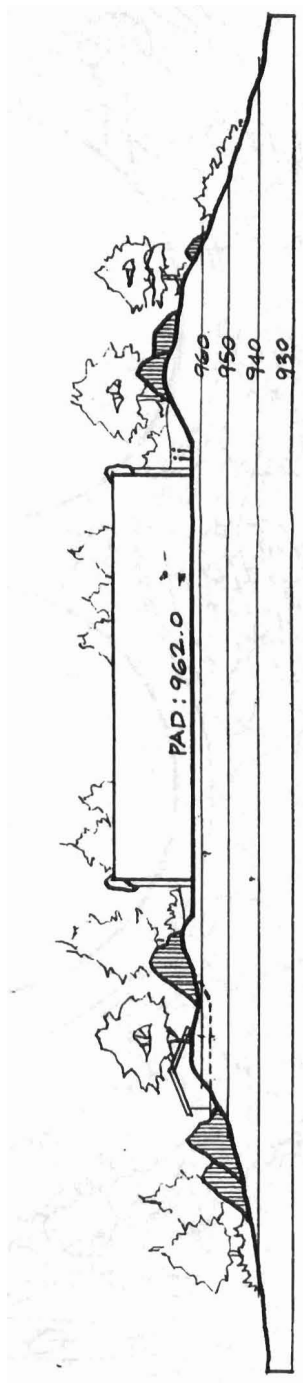




**Section**

Scale: 1" = 40' - 0"

A



**Section**

Scale: 1" = 40' - 0"

B