

**TO:** JAMES L. APP, CITY MANAGER  
**FROM:** JOHN R. McCARTHY, DIRECTOR OF PUBLIC WORKS  
**SUBJECT:** BUENA VISTA IMPROVEMENTS FOR CUESTA COLLEGE  
**DATE:** AUGUST 17, 1999

**Needs:** For the City Council to direct staff which alternative should be implemented to prepare the final design for Buena Vista Road.

- Facts:**
1. In June 1999, the City Council directed staff to allocate up to \$825,000 from Measure 'D' funds to install a traffic signal at Highway 46 and Buena Vista and to widen Buena Vista Road to its ultimate width from Highway 46 to Experimental Station Road.
  2. In accordance with the City's Circulation Element, Buena Vista is a 100-foot right-of-way with 80-foot wide pavement curb to curb.
  3. Several mature oak trees would need to be removed with this construction; 1- 18-inch diameter, 2- 12-inch diameter, 1- 10-inch diameter and 4- 6-inch diameter.
  4. The City Council could consider the installation of retaining walls up to 20 feet high to preserve these trees.

**Analysis and**

**Conclusion:** It is estimated that the cost for the entire project is \$700,000. This cost assumes that the oak trees would be removed. The retaining walls would cost \$150,000, which would add to the project construction cost.

**Policy**

**Reference:** Oak Tree Preservation Ordinance

**Fiscal**

**Impact:** Depending on the alternate design chosen.

- Options:**
- A. For the City Council to direct staff to proceed with the construction of retaining walls as part of the widening of Buena Vista Road in order to preserve oak trees.
  - B. That the City Council amend, modify or reject the above option.

**Attachments: (1)**

- 1) Exhibits of Design Alternatives

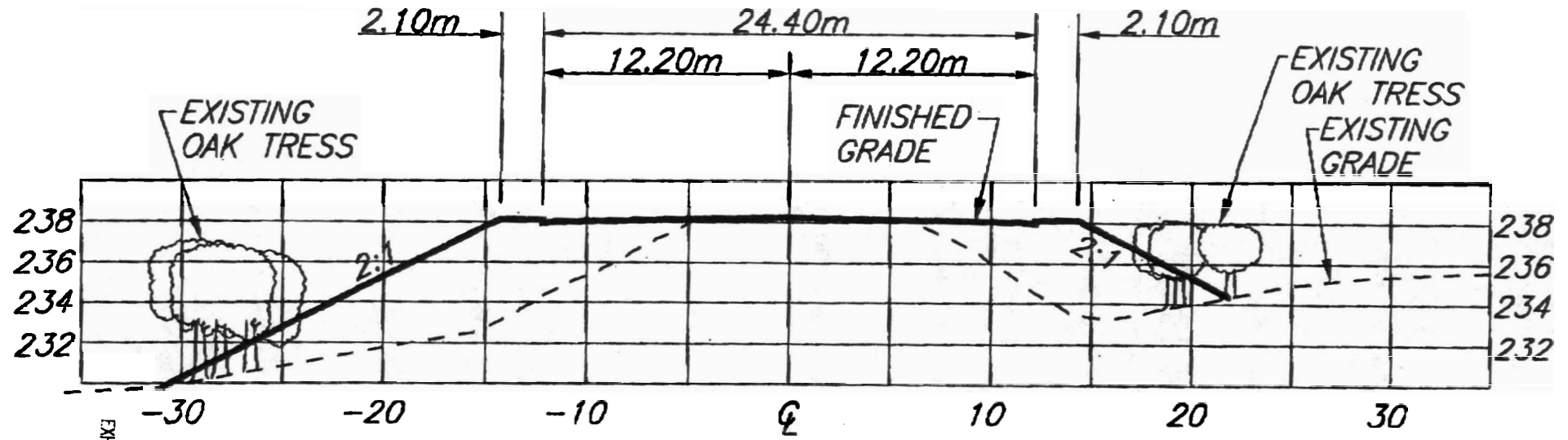


EXHIBIT A / ATTACHMENT TO RES/ORD #

PAGE 1 OF 2

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4 OAK TREES WEST SIDE OF BUENA VISTA  
 4 OAK TREES EAST SIDE OF BUENA VISTA  
 8 TOTAL OAK TREES TO BE REMOVED

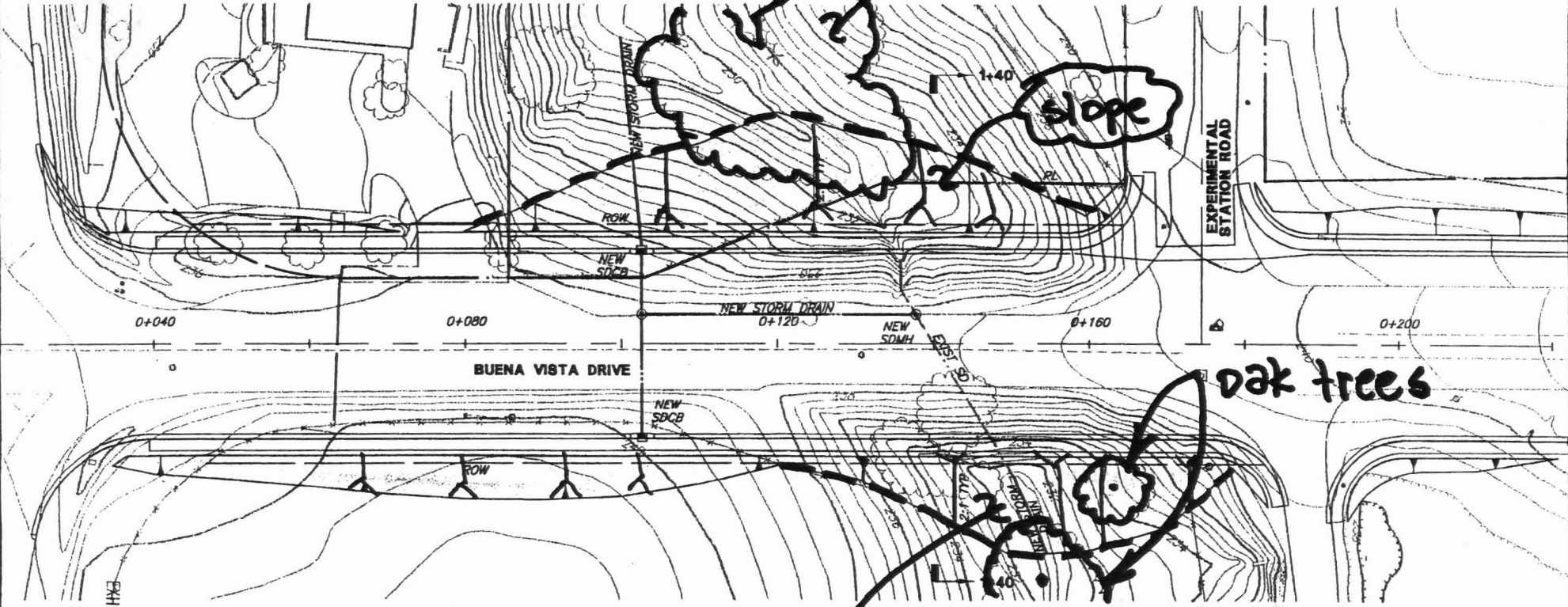
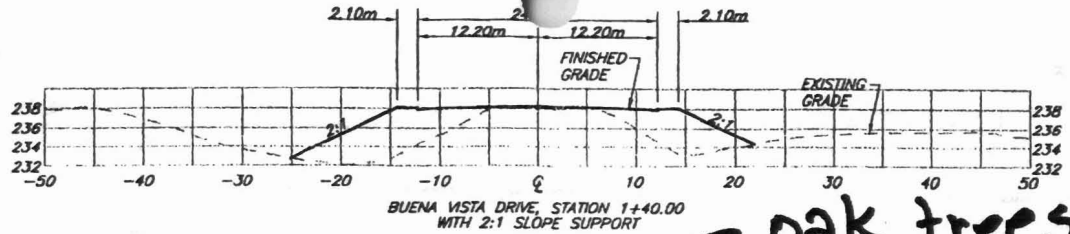
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PREPARED BY:

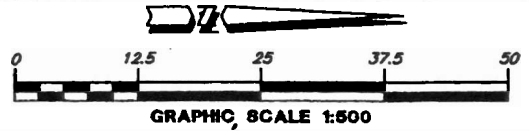
**EDA** ENGINEERING DEVELOPMENT ASSOCIATES

SAN LUIS OBISPO, CA 95401 805/548-8888  
 PALO ALTO, CA 94448 805/297-1000

**EXHIBIT A**  
**BUENA VISTA DRIVE CROSS SECTION**  
**2:1 SIDE SLOPE ALTERNATIVE DESIGN**



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slope

**EXHIBIT A**  
**BUENA VISTA DRIVE PROPOSED IMPROVEMENTS**  
**2:1 SLIDE SLOPES ALTERNATIVE DESIGN**

EDA JOB: 22357100  
DWG: EXH1.DWG  
DATE: 07/30/99

EXHIBIT ATTACHMENT TO RECORD # PAGE 2 OF 3 3/3

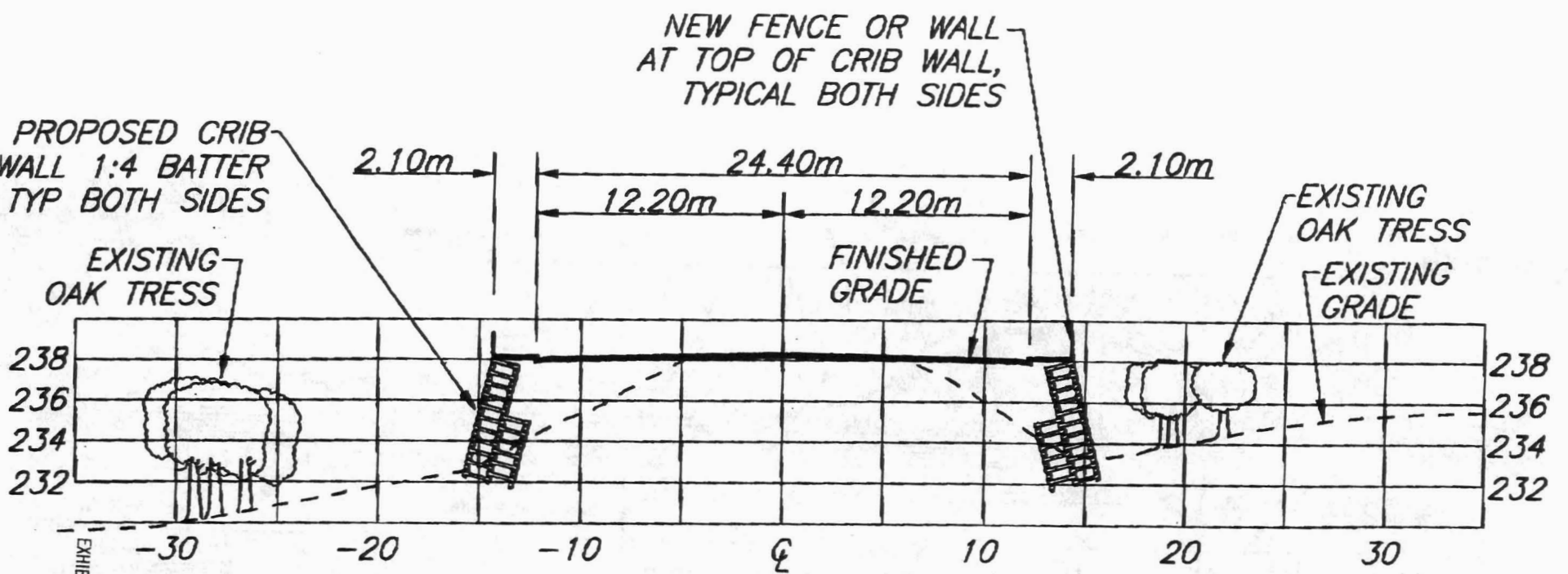


EXHIBIT B  
ATTACHMENT TO RES/ORD #

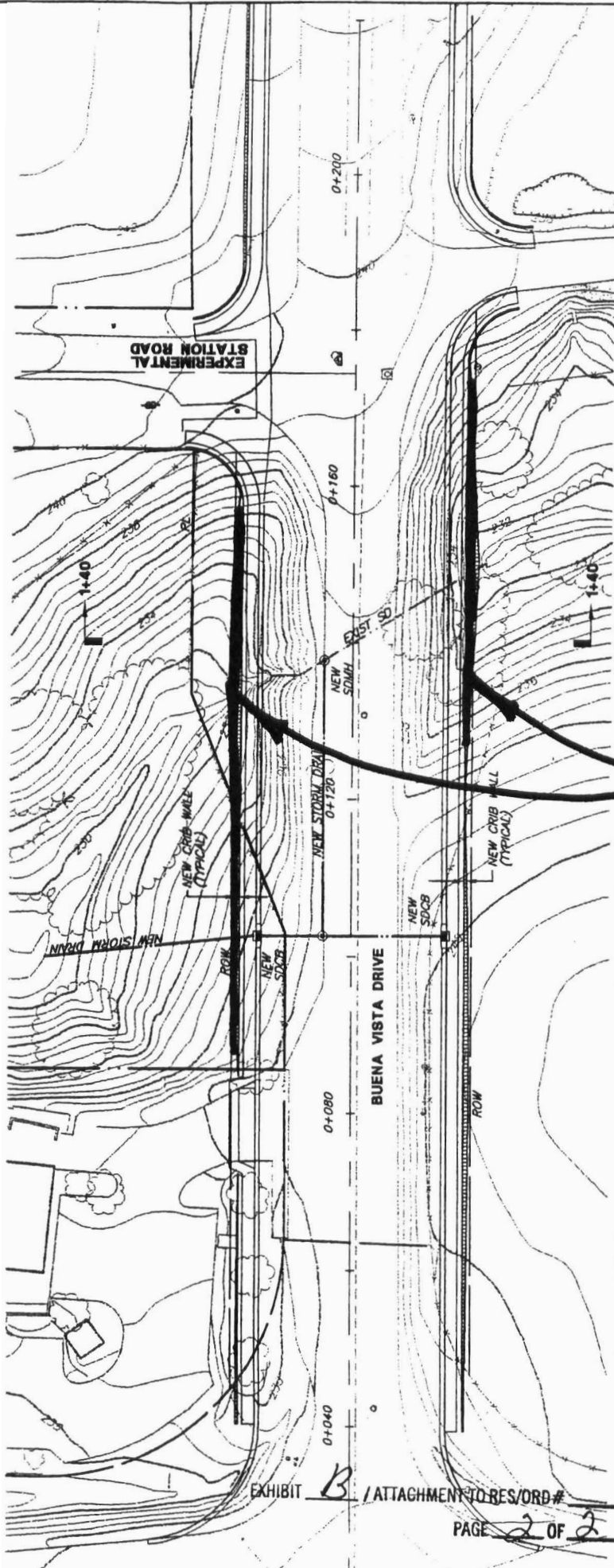
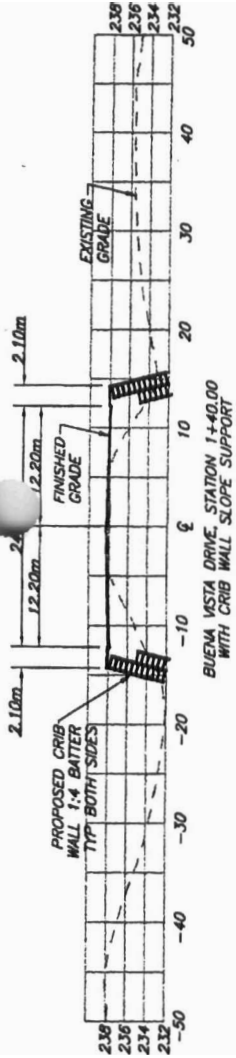
0 OAK TREES WEST SIDE OF BUENA VISTA  
 0 OAK TREES EAST SIDE OF BUENA VISTA  
 0 TOTAL OAK TREES TO BE REMOVED

SCALE: 1:300

PREPARED BY:  
**EDA** ENGINEERING DEVELOPMENT ASSOCIATES

**EXHIBIT B**  
**BUENA VISTA DRIVE CROSS SECTION**  
**CRIB WALL ALTERNATIVE DESIGN**

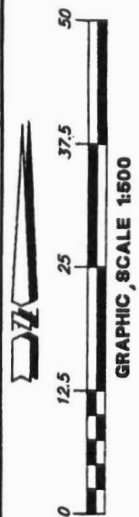
1875 WILSON  
 7445 OAK ST  
 SAN JOSE, CA 95131 408/246-0488  
 PASO ROBLES, CA 92448 805/237-1083



**EXHIBIT B**  
**BUENA VISTA DRIVE PROPOSED IMPROVEMENTS**  
**CRIB WALL ALTERNATIVE DESIGN**

EDA JOB: 22357100  
 DWG: EXH1.DWG  
 DATE: 07/30/99

**RETAINING WALL UP TO 20 FT HIGH**



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EXHIBIT **B** / ATTACHMENT TO RES/ORD #