

RESOLUTION NUMBER R- 293014

ADOPTED ON APR 17 2000

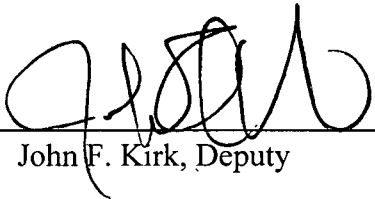
BE IT RESOLVED, by the Council of The City of San Diego, that it is hereby certified that LDR Mitigated Negative Declaration No. 99-0744, on file in the office of the City Clerk, has been completed in compliance with the California Environmental Quality Act of 1970 (California Public Resources Code section 21000 et seq.), as amended, and the State guidelines thereto (California Code of Regulations section 15000 et seq.), that the declaration reflects the independent judgment of The City of San Diego as Lead Agency and that the information contained in the report, together with any comments received during the public review process, has been reviewed and considered by this Council in connection with the approval of West Linda Vista Trunk Sewer Phase II.

BE IT FURTHER RESOLVED, that the Council finds that project revisions now mitigate potentially significant effects on the environment previously identified in the Initial Study and therefore, that said LDR Mitigated Negative Declaration, a copy of which is on file in the office of the City Clerk and incorporated by reference, is hereby approved.

BE IT FURTHER RESOLVED, that pursuant to California Public Resources Code section 21081.6, the Council hereby adopts the Mitigation Monitoring and Reporting Program, or alterations to implement the changes to the project as required by this body in order to mitigate or avoid significant effects on the environment, a copy of which is attached hereto and incorporated herein by reference.

APPROVED: CASEY GWINN, City Attorney

By



John F. Kirk, Deputy

JFK:aw:mr  
4/03/00  
Or.Dept:Eng&CP  
Bid No: K20074C  
R-2000-1094  
Form=mndr.frm



## Mitigated Negative Declaration

Land Development  
Review Division  
(619) 236-6460

LDR No. 99-0744

**SUBJECT:** West Linda Vista Trunk Sewer, Phase II COUNCIL APPROVAL of Capital Improvement Project No. 46-199.0 for the replacement and rehabilitation of approximately 4,012 linear feet of sewer mains and associated manholes. The new sewer mains would be eight- and ten- inches in diameter. Approximately, 2,115 linear feet would require new and/or deeper trenching, approximately 803 linear feet would be replace-in-place (within the same trench, at the same depth), and approximately 1,286 linear feet would utilize various trenchless excavation methods. The project is located within various streets in the Linda Vista community planning area. Applicant: City of San Diego, Engineering and Capital Projects Department.

- I. PROJECT DESCRIPTION: See attached Initial Study.
- II. ENVIRONMENTAL SETTING: See attached Initial Study.
- III. DETERMINATION:

The City of San Diego conducted an Initial Study which determined that the proposed project could have a significant environmental effect in the following areas: archaeological and paleontological resources. Subsequent revisions in the project proposal create the specific mitigation identified in Section V of this Mitigated Negative Declaration. The project as revised now avoids or mitigates the potentially significant environmental effects previously identified, and the preparation of an Environmental Impact Report will not be required.

IV. DOCUMENTATION:

The attached Initial Study documents the reasons to support the above Determination.

V. MITIGATION, MONITORING AND REPORTING PROGRAM:

Historical Resources

Thirty days prior to the preconstruction meeting, the Engineering and Capital Projects Department shall provide a letter of verification to the Environmental Review Manager of Land Development Review (LDR) stating that a qualified archaeologist and/or archaeological monitor, has been retained to implement the monitoring program. The requirement for archaeological monitoring shall be noted on the project plans and specifications. **ALL PERSONS INVOLVED IN THE ARCHAEOLOGICAL MONITORING OF THIS PROJECT SHALL BE APPROVED BY LDR PRIOR TO THE START OF MONITORING. THE APPLICANT SHALL NOTIFY LDR OF THE START AND END OF CONSTRUCTION.**

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- a. The qualified archaeologist shall attend any preconstruction meetings to make comments and/or suggestions concerning the archaeological monitoring program with the construction manager.
- b. The qualified archaeologist or archaeological monitor shall be present on-site during all new and/or deeper excavation work in previously undisturbed soils, this shall include the following sheets:

Sheet 3            from Sta. 2+96.31    to Sta. 11+34.62

Sheet 4            from Sta. 0+00        to Sta. 3+98.5 and  
                          from Sta. 0+00        to Sta. 2+34.64

Sheets 5&6        from Sta. 0+00        to Sta. 11+03.37

Sheet 7            from Sta. 3+55.72    to Sta. 7+78.08

- c. **WHEN REQUESTED BY THE ARCHAEOLOGIST, THE CITY RESIDENT ENGINEER SHALL DIVERT, DIRECT, OR TEMPORARILY HALT GROUND DISTURBANCE ACTIVITIES IN THE AREA OF DISCOVERY TO ALLOW EVALUATION OF POTENTIALLY SIGNIFICANT CULTURAL RESOURCES. THE ARCHAEOLOGIST SHALL IMMEDIATELY NOTIFY LDR STAFF OF SUCH FINDING AT THE TIME OF DISCOVERY.** The significance of the discovered resources shall be determined by the archaeologist, in consultation with LDR and the Native American community. LDR must concur with the evaluation before grading activities will be allowed to resume. For significant historic/prehistoric resources, a Research Design and Data Recovery Program shall be prepared and carried out to mitigate impacts before grading activities in the area of discovery will be allowed to resume. Any human bones of Native American origin shall be turned over to the appropriate Native American group for reburial.
- d. All prehistoric materials collected shall be cleaned, catalogued, and permanently curated with an appropriate institution. All artifacts shall be analyzed to identify function and chronology as they relate to the history of the area. Faunal material shall be identified as to species and specialty studies shall be completed, as appropriate.
- e. Within three months following the completion of grading, a monitoring results report and/or evaluation report, if appropriate, which describes the results, analysis, and conclusions of the archaeological monitoring program (with appropriate graphics) shall be submitted to and approved by the Environmental Review Manager of LDR. For significant historical resources, a Research Design and Data Recovery Program shall be included as part of the evaluation report.

Paleontological Resources

Thirty days prior to the preconstruction meeting, the Engineering and Capital Projects Development shall provide a letter of verification to the Environmental

Review Manager of Land Development Review (LDR) stating that a qualified paleontologist and/or paleontological monitor, as defined in the City of San Diego Paleontological Guidelines, has been retained to implement the monitoring program. The requirement for paleontological monitoring shall be noted on the project plans and specifications. **ALL PERSONS INVOLVED IN THE PALEONTOLOGICAL MONITORING OF THIS PROJECT SHALL BE APPROVED BY LDR PRIOR TO THE START OF MONITORING. THE APPLICANT SHALL NOTIFY LDR OF THE START AND END OF CONSTRUCTION.**

- a. The qualified paleontologist shall attend any preconstruction meetings to make comments and/or suggestions concerning the paleontological monitoring program with the construction manager.
- b. The paleontologist or paleontological monitor shall be on-site full-time during the initial cutting of previously undisturbed areas. Monitoring may be increased or decreased at the discretion of the qualified paleontologist, in consultation with LDR, and will depend on the rate of excavation, the materials excavated, and the abundance of fossils. Paleontological monitoring shall occur on the following sheets:

Sheet 3	from Sta. 2+96.31	to Sta. 11+34.62
Sheet 4	from Sta. 0+00 from Sta. 0+00	to Sta. 3+98.5 and to Sta. 2+34.64
Sheets 5&6	from Sta. 0+00	to Sta. 11+03.37
Sheet 7	from Sta. 3+55.72	to Sta. 7+78.08

- c. **WHEN REQUESTED BY THE PALEONTOLOGIST, THE CITY RESIDENT ENGINEER SHALL DIVERT, DIRECT, OR TEMPORARILY HALT CONSTRUCTION ACTIVITIES IN THE AREA OF DISCOVERY TO ALLOW RECOVERY OF FOSSIL REMAINS. THE PALEONTOLOGIST SHALL IMMEDIATELY NOTIFY LDR STAFF OF SUCH FINDING AT THE TIME OF DISCOVERY.** LDR shall approve salvaging procedures to be performed before construction activities are allowed to resume.
- d. The paleontologist shall be responsible for preparation of fossils to a point of identification as defined in the City of San Diego Paleontological Guidelines and submittal of a letter of acceptance from a local qualified curation facility. Any discovered fossil sites shall be recorded by the paleontologist at the San Diego Natural History Museum.
- e. Within three months following the completion of grading, a monitoring results report, with appropriate graphics, summarizing the results, analysis, and conclusions of the paleontological monitoring program shall be submitted to and approved by Environmental Review Manager of LDR.

VI. PUBLIC REVIEW DISTRIBUTION:

Draft copies or notice of this Mitigated Negative Declaration were distributed to:

City of San Diego:

Councilmember Warden, District 5  
Engineering Capital Projects Department  
Linda Vista Branch Library  
Planning and Development Review Department  
San Diego Unified School District (125)  
Linda Vista Community Planning Group (267)  
EC Allison Research Center (181)  
San Diego Natural History Museum (213)  
San Diego Archaeological Society (218)  
Dr. Florence Shipek (208)  
Dr. Lynne Christenson (208A)  
South Coastal Information Center (210)  
Save Our Heritage Organization (214)  
Ron Christman (215)  
Louie Guassac (215A)  
Kumeyaay Cultural (225)  
University of San Diego (251)  
Sierra Club (165 & 165A)  
San Diego Audubon Society (167)  
California Native Plant Society (170)  
The Southwest Center for Biological Diversity (176)  
Endangered Habitats League (182)  
Clairemont Mesa Planning Committee (248)  
Tecolote Canyon Citizens Adv. Comm. (254)  
Friends of Tecolote Canyon (225)  
Joe Marclano (256)  
Merlin Osterhaus (257)  
Clairemont Town Council (258)

Copies of the Public Notice of this Mitigated Negative Declaration were distributed to:

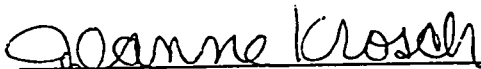
Borona Group of Capitan Grande Band of Mission Indians (225-A)  
Campo Band of Mission Indians (225-B)  
Cuyapaipe Band of Mission Indians (225-C)  
Inaja and Cosmit Band of Mission Indians (225-D)  
Jamul Indian Village (225-E)  
La Posta Band of Mission Indians (225-F)  
Manzanita Band of Mission Indians (225-G)  
Sycuan Band of Mission Indians (225-H)  
Viejas Group of Capitan Grande Band of Mission Indians (225-I)

Mesa Grande Band of Mission Indians (225-J)  
San Pasqual Band of Mission Indians (225-K)  
Santa Ysabel Band of Diegueno Indians (225-L)  
La Jolla Band of Mission Indians (225-M)  
Pala Band of Mission Indians (225-N)  
Pauma Band of Mission Indians (225-O)  
Pechanga Band of Mission Indians (225-P)  
San Luiseno Band of Mission of Indians (225-Q)  
Los Coyotes Band of Indians (225-R)

VII. RESULTS OF PUBLIC REVIEW:

- ( ) No comments were received during the public input period.
- ( ) Comments were received but did not address the draft Mitigated Negative Declaration finding or the accuracy/completeness of the Initial Study. No response is necessary. The letters are attached.
- ( ) Comments addressing the findings of the draft Mitigated Negative Declaration and/or accuracy or completeness of the Initial Study were received during the public input period. The letters and responses follow.

Copies of the draft Mitigated Negative Declaration, the Monitoring and Reporting Program and any Initial Study material are available in the office of the Land Development Review Division for review, or for purchase at the cost of reproduction.

  
\_\_\_\_\_  
Jeanne Krosch, Senior Planner  
Planning and Development Review Department

Analyst: Daly

December 3, 1999  
Date of Draft Report

January 5, 1999  
Date of Final Report

R- 293014



San Diego County Archaeological Society

Environmental Review Committee

19 December 1999

RESPONSE TO COMMENT

To: Mr. Michael Daly  
Land Development Review Division  
Planning and Development Review Department  
City of San Diego  
1222 First Avenue, Mail Station 501  
San Diego, California 92101

Subject: Proposed Mitigated Negative Declaration  
West Linda Vista Trunk Sewer, Phase II  
LDR No. 99-0744


Dear Mr. Daly:

I have reviewed the subject PMND on behalf of this committee of the San Diego County Archaeological Society.

1. Based on the information contained in the PMND and initial study, we concur in the impact analysis and mitigation measures presented.

SDCAS appreciates this opportunity to participate in the City's environmental review process for this project.

Sincerely,

  
James W. Royle, Jr., Chairperson  
Environmental Review Committee

cc: SDCAS President  
File

1. Comment noted.

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City of San Diego  
Planning and Development Review Department  
LAND DEVELOPMENT REVIEW DIVISION  
1222 First Avenue, Mail Station 501  
San Diego, CA 92101  
(619) 236-6460

INITIAL STUDY  
LDR No. 99-0744

SUBJECT: West Linda Vista Trunk Sewer, Phase II COUNCIL APPROVAL of Capital Improvement Project No. 46-199.0 for the replacement and rehabilitation of approximately 4,012 linear feet of sewer mains and associated manholes. The new sewer mains would be eight- and ten- inches in diameter. Approximately, 2,115 linear feet would require new and/or deeper trenching, approximately 803 liner feet would be replace-in-place (within the same trench, at the same depth), and approximately 1,286 linear feet would utilize various trenchless excavation methods. The project is located within various streets in the Linda Vista community planning area. Applicant: City of San Diego, Engineering and Capital Projects Department.

I. PURPOSE AND MAIN FEATURES:

The proposed project would replace approximately 4,021 linear feet of existing eight-inch diameter sewer mains. Approximately 803 linear feet would be replaced-in-place (within the existing trench at the same depth) and 2,115 linear feet would be new and/or deeper sewer mains. Additionally, the proposal includes approximately 1,286 linear feet of sewer mains which would utilize trenchless excavation methods. The new sewer mains would be eight- to ten-inches in diameter (Figures 1 and 2).

Replacement work would be within various streets and easements in the Linda Vista community planning area. Work within the easements would occur in three areas and would utilize various trenchless excavation methods. The first area would involve 192 feet of sewer main located between Glidden and Goodwin Streets. The second area would involve 272 feet of sewer main located within an alley south of Northrim Court. The last area would involve 822 feet of sewer main location west of Via Las Cumbras, adjacent to the USED athletic fields. Trench widths would be approximately four feet and depths would range from one to sixteen feet. The replacement sewer mains would likely be made of polyvinyl chlorolride (PVC) pipe.

The total duration of construction for this project is anticipated to be four months. It is anticipated that construction would start in March, 2000. During the construction phase of the project, it is estimated that work hours would be between 8:30 a.m. and 3:30 p.m., Monday through Friday. Additionally, the contractor will comply with the requirements in the *Standard Specifications for Public Work Construction*. Construction materials would be stored in the related streets as the job proceeds along.

A traffic control plan prepared in accordance with the *City of San Diego Standard Drawings Manual of Traffic Control for Construction and Maintenance Work Zones*, and approved by the City of San Diego, Planning and Development

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Review Department, Traffic Review Section.

II. ENVIRONMENTAL SETTING:

The project area is bounded by Goodwin Street to the north, Elmore Street to the south, Burton Street to the east, and Tecolote Canyon to the west. The project is located in an urbanized area within the Linda Vista community planning area and includes a variety of land uses, including residential, commercial and the University of San Diego (USD). The residential zoning is for single family (R-1-5000) and multi-family (R-200) housing with minimum lots requirements ranging from 5,000 square feet to 10,000 square feet. The uses allowed within the commercial zone (CN) include: offices and shopping areas that provide convenience goods and services for adjacent residential neighborhoods. The alignment along Linda Vista Road is located within the CN zone.

The proposed work would occur within the following streets: Goodwin Street, Glidden Lane, Glidden Court, Glidden Street, Linda Vista Road, Northrim Court, Acheson Street, as well as within the various easements described above. The easement located west of Via Las Cumbras is adjacent to Tecolote Canyon in an area that supports non-native grasslands and ornamental vegetation. Trenchless excavation methods would be used within this alignment and no impacts would occur to sensitive vegetation. For further discussion, see the Biology section below.

III. ENVIRONMENTAL ANALYSIS: See attached Initial Study checklist.

IV. DISCUSSION:

Biology

The *Results of the Biological Survey of the West Linda Vista Trunk Sewer*, dated September 28, 1999, has been prepared by RECON for the proposed project. The biological survey was conducted on August 6, 1999 to determine if the proposed alignment located west of Via Las Cumbras would impact any sensitive biological resources. The areas surveyed included the slope along the west side of Via Las Cumbras from the end of Glidden Street up to the intersection of Via Las Cumbras and Caminito del Cervato. The proposed project consists of accessing manhole numbers 28 and 30 (See Figure 3) in order to repair the existing sewer main. Pipebursting, a trenchless excavation method, would be utilized in the repair of this sewer main. Access to manhole number 30 would be from Via Las Cumbras, while access to manhole 28 would be via an existing paved road to the west of the project and within an existing 20-foot wide sewer easement. No grading or contouring would accompany this project.

The area surveyed contained non-native grasslands (0.02 acre) and ornamental vegetation. Access and pipeline work would be limited to areas containing ornamental vegetation or paved roads. No impacts to sensitive biological resources would occur, therefore no mitigation measures are required.

### Paleontological Resources

According to Geology of San Diego Metropolitan Area, California 1975, published by the California Division of Mines and Geology, the project area is underlain by the Lindavista, Friars and Scripps formations. Lindavista formation has a moderate potential for containing fossil resources, while Friars and Scripps formations both have a high potential for paleontological resources. Fossil localities are rare in the Lindavista formation and have only been recorded from a few areas (e.g. Tierrasanta and Mira Mesa). Friars formation is rich in vertebrate fossils especially terrestrial mammals and Scripps formation consists of marine organisms such as sharks, rays and bony fishes (Kennedy 1973). Paleontological monitoring would be required for any new and/or deeper trenching within previously undisturbed native formations.

Proposed project trench depths would range from one to sixteen feet. Potential disturbance or loss of fossils, without adequate documentation and research, would be considered a significant impact. Therefore, a Mitigation Monitoring and Reporting Program (MMRP) would be implemented. The monitoring program requires that a qualified paleontologist or paleontological monitor be present during trenching activities within any previously undisturbed formations where new and/or deeper trenching occur. If significant fossil resources are found, a recovery and documentation program would be implemented. With implementation of the MMRP all potential impacts would be reduced to below a level of significance.

### Historical Resources

The coastal areas of San Diego County are known for intense and diverse prehistoric occupation and important archaeological resources. These areas have been inhabited by various cultural groups spanning 10,000 years or more. Camp sites and villages have been recorded along the coast from Del Mar to Tijuana. Several previously recorded archaeological sites have been identified to be within a mile from the project site. Based on this information, there is a potential that buried cultural resources could be impacted by trenching into previously undisturbed soils.

Therefore, for excavation activity that would involve work in previously undisturbed soils (the areas with new and/or deeper trenching), archaeological monitoring will be required. A Mitigation, Monitoring and Reporting Program will be implemented. This program requires that a qualified archaeologist or archaeological monitor be present during construction activity involving new and/or deeper trench work. If cultural deposits are discovered, excavation would temporarily cease to allow evaluation, to record, and to recover materials. Implementation of this program would reduce potential impacts to below a level of significance.

### Geology/Soils

According to the City of San Diego's Seismic Safety Study (updated 1995), the project alignment is within Geologic Hazard Categories 23 and 52. Category 23 denotes Friars formation with neutral or favorable geologic structure. Category 52 denotes gently sloping to steep terrain, and favorable geologic structure. The project site is located in the Linda Vista Community Planning area. According to the United States Department of Agricultural, Soils Survey, San Diego Area, California, 1993, the project site is located within an area of Huerhuero soils, which is an urban complex that occurs on marine terraces and has been altered through cut and fill operations and leveling for building sites. This soil material consists of unconsolidated sandy marine sediments and is moderately well drained. The slope along the west side of Via Las Cumbras from the end of Glidden Street up to the intersection of Via Las Cumbras and Caminito del Cervato contains Gaviota soil, which is a fine sandy loam located on 30 to 50 percent slopes and terrace escarpments. Gaviota fine sandy loam is a steep upland soil with a sandstone subsoil. Runoff is rapid and erosion hazard is high.

The proposed project facilities are subject to geologic hazards related to regional and local seismicity and the potential instability of on-site surficial and geologic deposits. These hazards could result in significant effects associated with ground rupture, ground acceleration, liquefaction, landsliding, expansive or reactive soils. These potential impacts would be avoided through standard construction techniques and project design features. The project design would incorporate a number of measures to reduce seismic risk and /or facilitate effect repairs, and; therefore, no mitigation measures are required.

### Human Health/Public Safety

According to the *San Diego County, Department of Environmental Health, Environmental Assessment Listing* (June 7, 1998), a number of potential contaminated sites within a one block radius of the proposed project were recorded (Linda Vista Road, from Sta. 0+00 to Sta. 11+03.37). The *Environmental Assessment Listing* indicates the status of these sites as closed. However, there is a potential to encounter groundwater and/or soil contamination during construction of this project. If contamination is encountered during excavation, remedial action would be implemented.

Remedial action would include measures for the treatment of groundwater and soil contamination, and safety measures. Such measures would include, but not be limited to, the following:

Any groundwater encountered during excavation would be tested for contamination. Standard dewatering methods would be used in the case of groundwater that was determined to be free of contaminants. Contaminated groundwater would be treated in accordance with National Pollutant Discharge Elimination System (NPDES) Permit No. Ca 1080707 for groundwater dewatering discharges. The permit is administered by the State Regional Water

Quality Control Board. Methods for treatment include containing the discharge water in a holding tank and adding a flocculent to precipitate the heavy metals (the precipitate is collected and removed to an appropriate off-site facility); removing solids by containing the discharge water in a settling tank; and removing volatile organic and petroleum hydrocarbons by passing the discharge water through a granulated activated charcoal system.

A certified Health and Safety Plan would be incorporated into the project design. Methods for handling contaminated soil and safety measures, such as the following would be included:

1. One operational explosimeter calibrated for hydrocarbons and capable of automatically detecting explosive gases at 20 percent of the Lower Explosive Level shall be employed continuously during trenching activities, and shall be operated by personnel trained in its use.
2. All workers physically working in the trench shall be required to wear pre-tested half-face cartridge respirators whenever organic vapors are detected at one percent of the Lower Explosive Level.
3. Work shall cease and the City of San Diego, Engineering Field Inspection Section shall be notified immediately if Lower Explosive Levels above 20 percent are detected. The Resident Engineer shall have the final authority on whether work should continue.
4. If contaminated soil is encountered, the County of San Diego, Department of Health Services, Hazardous Materials Management Division (HMMD) shall be contacted. HMMD shall prescribe the method of treatment (either bioremediation on fenced City property or transportation to an appropriate disposal facility).

Because project features include monitoring, reporting, and treatment of hazardous materials in order to protect public health and safety, no mitigation measures are required.

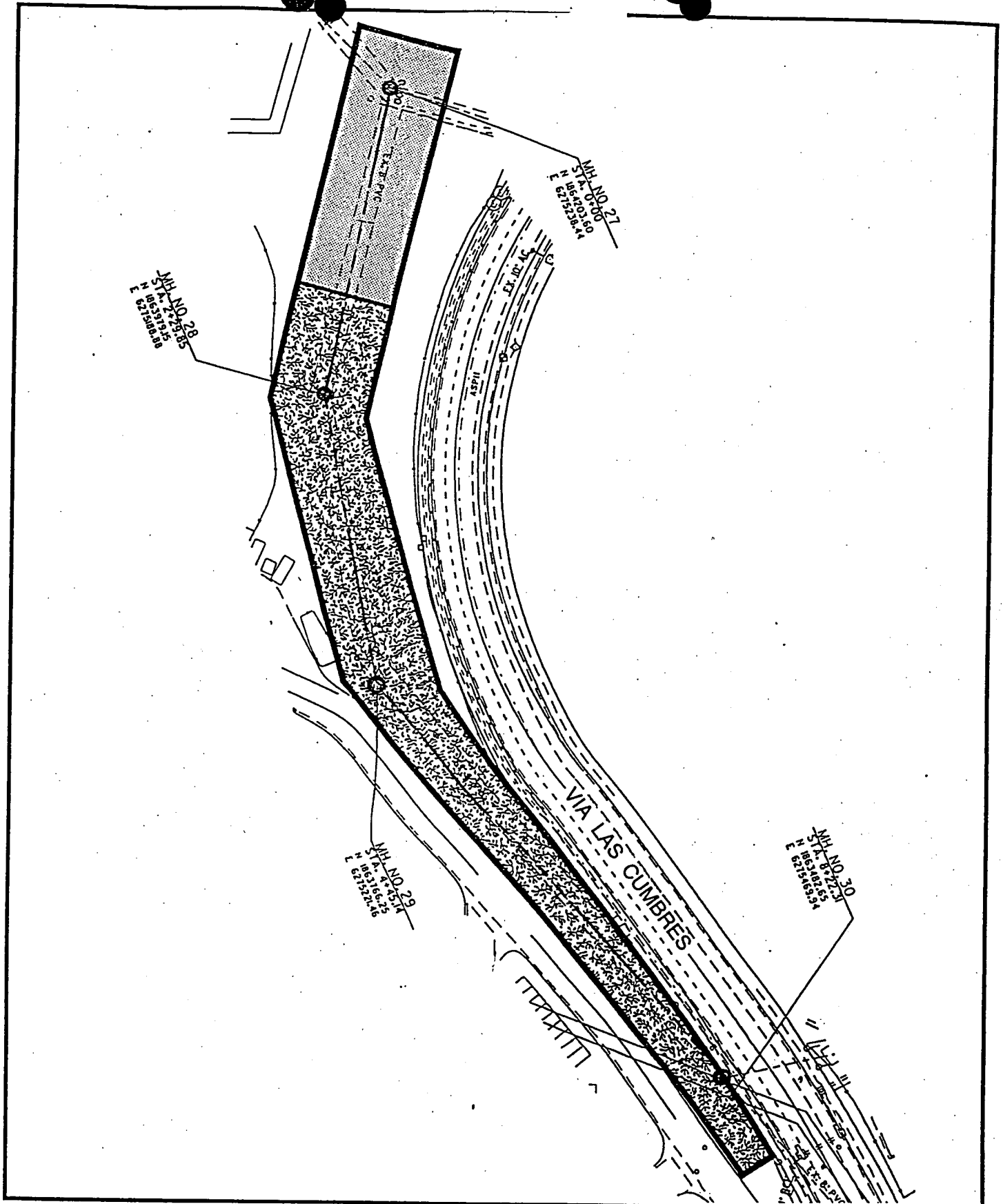
V. RECOMMENDATION:

On the basis of this initial evaluation:

- The proposed project would not have a significant effect on the environment, and a NEGATIVE DECLARATION should be prepared.
- Although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described in Section IV above have been added to the project. A MITIGATED NEGATIVE DECLARATION should be prepared.
- The proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT should be required.

**PROJECT ANALYST: Daly**

**Attachments: Initial Study Checklist  
Figure 1: Location Map  
Figure 2: Vicinity Map  
Figure 3: Manhole Numbers 28 and 30 Locations**



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(223-1713) 11-8-99 bf.



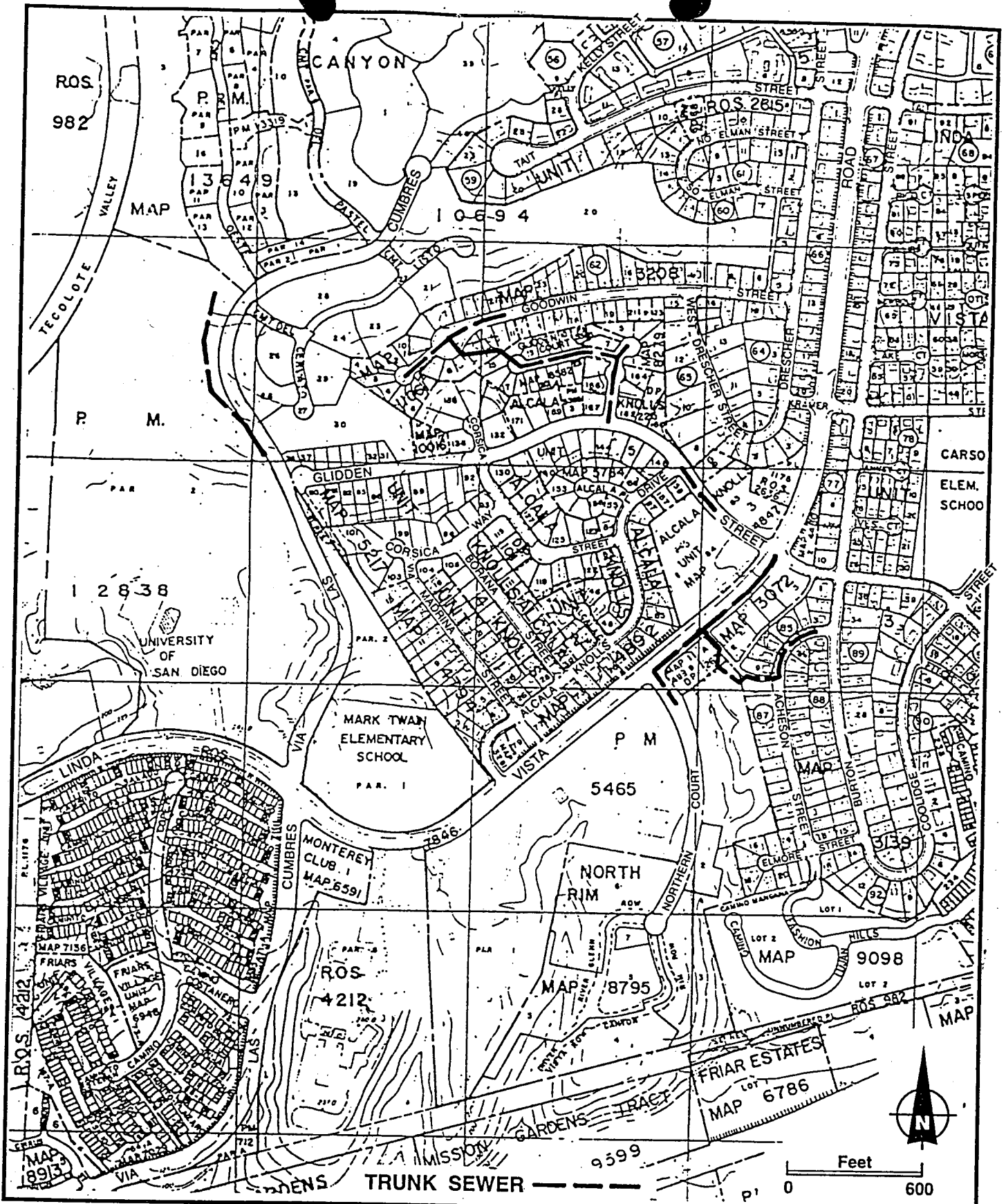
# Manhole Locations

Environmental Analysis Section

CITY OF SAN DIEGO • PLANNING & DEVELOPMENT REVIEW

Figure  
**3**

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# Location Map

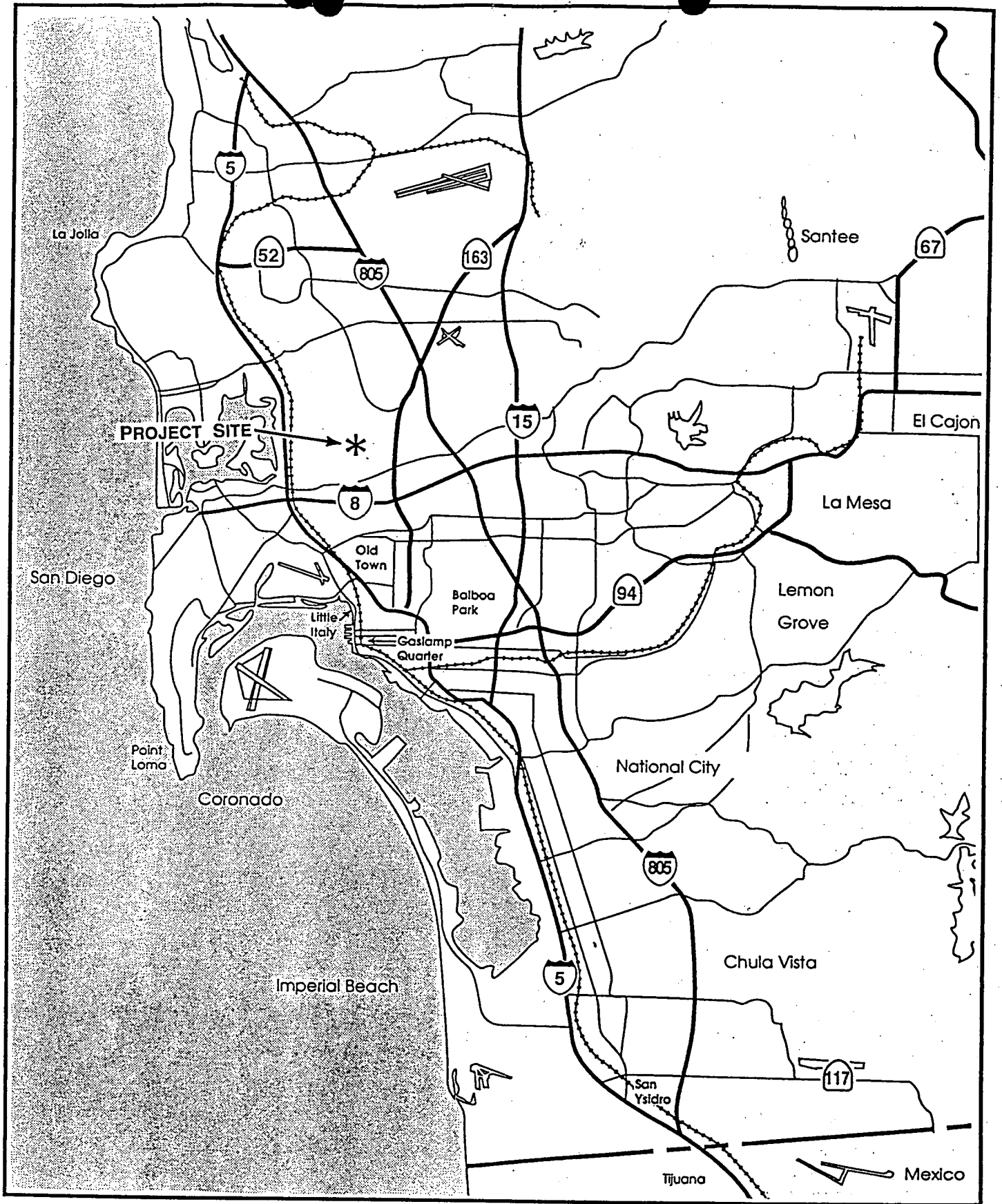
Environmental Analysis Section

CITY OF SAN DIEGO • PLANNING & DEVELOPMENT REVIEW

Figure

**2**





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(222-1715) 11-8-99 bf.



# Vicinity Map

Environmental Analysis Section

CITY OF SAN DIEGO • PLANNING & DEVELOPMENT REVIEW

Figure  
**1**

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III. ENVIRONMENTAL ANALYSIS:

This Initial Study checklist is designed to identify the potential for significant environmental impacts which could be associated with a project. All answers of "yes" and "maybe" indicate that there is a potential for significant environmental impacts and these determinations are explained in Section IV.

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
A. <u>Geology/Soils</u> . Will the proposal result in:			
1. Exposure of people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards? <u>The site lies within Geologic Hazard Project area lines within Geologic Hazard Categories 23 &amp; 52. Category 23 denotes Friars Formation with neutral or favorable geologic structures. Category 52 denotes gently sloping to steep terrain, favorable geologic structure. See Initial Study Discussion.</u>	—	—	<u>X</u>
2. Any increase in wind or water erosion of soils, either on or off the site? <u>No increase in wind or water erosion.</u>	—	—	<u>X</u>
B. <u>Air</u> . Will the proposal result in:			
1. Air emissions which would substantially deteriorate ambient air quality? <u>Pipeline would be located underground.</u>	—	—	<u>X</u>
2. The exposure of sensitive receptors to substantial pollutant concentrations? <u>Installment of water and sewer mains would not emit pollutants.</u>	—	—	<u>X</u>

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
3. The creation of objectionable odors? <u>No odors are anticipated.</u>	___	___	<u>X</u>
4. The creation of dust? <u>Temporary impact due to construction.</u>	___	<u>X</u>	___
5. Any alteration of air movement in the area of the project? <u>Project would be located underground.</u>	___	___	<u>X</u>
6. A substantial alteration in moisture, or temperature, or any change in climate, either locally or regionally? <u>No climate changes would result in from this project.</u>	___	___	<u>X</u>
 C. <u>Hydrology/Water Quality.</u> Will the proposal result in:			
1. Changes in currents, or the course or direction of water movements, in either marine or fresh waters? <u>Project is not located near marine or fresh water.</u>	___	___	<u>X</u>
2. Changes in absorption rates, drainage patterns, or the rate and amount of surface runoff? <u>No significant changes to drainage or runoff would occur.</u>	___	___	<u>X</u>
3. Alterations to the course or flow of flood waters? <u>Refer to C-1.</u>	___	___	<u>X</u>
4. Discharge into surface or ground waters, or in any alteration of surface or ground water quality, including, but not limited to temperature, dissolved oxygen or turbidity?	___	___	<u>X</u>

Yes      Maybe    No

The pipeline project would be the replacement of existing underground water and sewer mains.

5. Discharge into surface or ground waters, significant amounts of pesticides, herbicides, fertilizers, gas, oil, or other noxious chemicals?

\_\_\_\_\_      \_\_\_\_\_        X  

Such substances would not be discharged into surface or ground waters.

6. Change in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which may modify the channel of a river or stream or the bed of the ocean or any bay, inlet or lake?

\_\_\_\_\_      \_\_\_\_\_        X  

Refer to C-1.

7. Exposure of people or property to water related hazards such as flooding?

\_\_\_\_\_      \_\_\_\_\_        X  

Refer to C-1.

8. Change in the amount of surface water in any water body?

\_\_\_\_\_      \_\_\_\_\_        X  

Refer to C-1.

D. Biology. Will the proposal result in:

1. A reduction in the number of any unique, rare, endangered, sensitive, or fully protected species of plants or animals?

\_\_\_\_\_      \_\_\_\_\_        X  

A Biological Survey Report and Impact Analysis determined implementation of the proposed project would not substantially impact any rare or endangered plants or animals. See Initial Discussion.

2. A substantial change in the diversity of any species of animals or plants?

\_\_\_\_\_      \_\_\_\_\_        X  

A Biological Survey Report and Impact

Yes      Maybe      No

Analysis was performed which identified no substantial change in diversity of plant and animal species would occur with project implementation. See Initial Discussion.

3. Introduction of invasive species of plants into the area?  
No introduction of invasive species of plants into the area would occur with project implementation.

\_\_\_\_\_      \_\_\_\_\_        X  

4. Interference with the movement of any resident or migratory fish or wildlife species?  
Refer to D-2.

\_\_\_\_\_      \_\_\_\_\_        X  

5. An impact on a sensitive habitat, including, but not limited to streamside vegetation, oak woodland, vernal pools, coastal salt marsh, lagoon, wetland, or coastal sage scrub or chaparral?  
Refer to D-1

\_\_\_\_\_      \_\_\_\_\_        X  

6. Deterioration of existing fish or wildlife habitat?  
Refer to D-1.

\_\_\_\_\_      \_\_\_\_\_        X  

E. Noise. Will the proposal result in:

1. A significant increase in the existing ambient noise levels?  
Temporary impact during construction. The project would be in compliance with the City of San Diego's Noise Ordinance.

\_\_\_\_\_        X        \_\_\_\_\_

2. Exposure of people to noise levels which exceed the City's adopted noise ordinance?  
Refer to E-1.

\_\_\_\_\_      \_\_\_\_\_        X  

3. Exposure of people to current or future

Yes      Maybe      No

transportation noise levels which exceed standards established in the Transportation Element of the General Plan?

Pipeline would be located underground.

—      —      X

F. Light, Glare and Shading. Will the proposal result in:

1. Substantial light or glare?  
Project would not result in substantial light or glare.

—      —      X

2. Substantial shading of other properties?  
Proposal would not result in the shading of other properties.

—      —      X

G. Land Use. Will the proposal result in:

1. A land use which is inconsistent with the adopted community plan land use designation for the site?  
Project would be replacement of underground utilities and would be consistent with the adopted community plan.

—      —      X

2. A conflict with the goals, objectives and recommendations of the community plan in which it is located?  
Project consistent with the goals and objectives of the Linda Vista Community Plan.

—      —      X

3. A conflict with adopted environmental plans for the area?  
Project consistent with the environmental plans.

—      —      X

4. Land uses which are not compatible with aircraft accident potential as defined by a SANDAG Airport Land Use Plan (ALUC)?

—      —      X

Yes      Maybe      No

Project dose not lie within any aircraft accident potential zone.

H. Natural Resources. Will the proposal result in:

1. The prevention of future extraction of sand and gravel resources?

Site not suitable for extraction of sand and gravel resources.

\_\_\_\_\_      \_\_\_\_\_        X  

2. The conversion of agricultural land to nonagricultural use or impairment of the agricultural productivity of agricultural land?

Project is not suitable for agricultural uses.

\_\_\_\_\_      \_\_\_\_\_        X  

- I. Recreational Resources: Will the proposal result in an impact upon the quality or quantity of existing recreational opportunities?

A portion of the project alignment is located adjacent to USD athletic practice field, however, the project would not impact this recreational facility. The proposed project would use a trenchless method for this portion of the alignment.

\_\_\_\_\_      \_\_\_\_\_        X  

- J. Population. Will the proposal alter the planned location, distribution, density, or growth rate of the population of an area?

Project would relocate and replace existing underground sewer and water mains.

\_\_\_\_\_      \_\_\_\_\_        X  

- K. Housing. Will the proposal affect existing housing in the community, or create a demand for additional housing?

No known impact would occur.

\_\_\_\_\_      \_\_\_\_\_        X  

- L. Transportation/Circulation. Will the proposal result in:

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
1. Traffic generation in excess of specific/ community plan allocation? <u>Project would be located underground.</u>	—	—	<u>X</u>
2. An increase in projected traffic which is substantial in relation to the capacity of the street system? <u>Refer to L-1</u>	—	—	<u>X</u>
3. An increased demand for off-site parking? <u>Refer to L-1</u>	—	—	<u>X</u>
4. Effects on existing parking? <u>Refer to L-1</u>	—	—	<u>X</u>
5. Substantial impact upon existing or planned transportation systems? <u>Traffic plan would be implemented during construction. See Initial Study.</u>	—	—	<u>X</u>
6. Alterations to present circulation movements including effects on existing public access to beaches, parks, or other open space areas? <u>The project would not increase traffic circulation, or impact public facilities.</u>	—	—	<u>X</u>
7. Increase in traffic hazards to motor vehicles, bicyclists or pedestrians? <u>Refer to L-5</u>	—	—	<u>X</u>
M. <u>Public Services.</u> Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas:			
1. Fire protection? <u>The proposed sewer and water replacement would have no impact on the existing public facilities.</u>	—	—	<u>X</u>



	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
2. Police protection? <u>Refer to M-1.</u>	—	—	<u>X</u>
3. Schools? <u>Refer to M-1.</u>	—	—	<u>X</u>
4. Parks or other recreational facilities? <u>Refer to M-1.</u>	—	—	<u>X</u>
5. Maintenance of public facilities, including roads? <u>Refer to M-1.</u>	—	—	<u>X</u>
6. Other governmental services? <u>Refer to M-1.</u>	—	—	<u>X</u>

N. Utilities. Will the proposal result in a need for new systems, or require substantial alterations to existing utilities, including:

1. Power? <u>The project would replace the existing underground water and sewer mains.</u>	—	—	<u>X</u>
2. Natural gas? <u>Refer to N-1.</u>	—	—	<u>X</u>
3. Communications systems? <u>Refer to N-1.</u>	—	—	<u>X</u>
4. Water? <u>Refer to N-1.</u>	—	—	<u>X</u>
5. Sewer? <u>Refer to N-1.</u>	—	—	<u>X</u>
6. Storm water drainage? <u>Refer to N-1.</u>	—	—	<u>X</u>
7. Solid waste disposal?	—	—	<u>X</u>

Yes      Maybe      No

Refer to N-1.

O. Energy. Will the proposal result in the use of excessive amounts of fuel or energy?  
Project would not effect fuel or energy.

—      —      X

P. Water Conservation. Will the proposal result in:

1. Use of excessive amounts of water?  
No excessive energy would be used.

—      —      X

2. Landscaping which is predominantly non-drought resistant vegetation?  
No landscaping is proposed with the project.

—      —      X

Q. Neighborhood Character/Aesthetics. Will the proposal result in:

1. The obstruction of any vista or scenic view from a public viewing area?  
This project would replace the existing underground sewer and water mains.

—      —      X

2. The creation of a negative aesthetic site or project?  
Project would have minimal affect during construction.

—      —      X

3. Project bulk, scale, materials, or style which will be incompatible with surrounding development?  
Refer to Q-1.

—      —      X

4. Substantial alteration to the existing character of the area?  
Refer to Q-1.

—      —      X

5. The loss of any distinctive or landmark tree(s), or a stand of mature trees?  
No landmark or stand of mature trees will be impacted.

—      —      X

Yes      Maybe      No

6. Substantial change in topography or ground surface relief features?

Minor finish grading and resurfacing.

—      —      X

7. The loss, covering or modification of any unique geologic or physical features such as a natural canyon, sandstone bluff, rock outcrop, or hillside with a slope in excess of 25 percent?

No such modifications or covering would occur.

—      —      X

R. Historical Resources. Will the proposal result in:

1. Alteration of or the destruction of a prehistoric or historic archaeological site?

There is a potential for impacts to cultural resources to occur, therefore, monitoring would be required. See Initial Discussion.

—      X      —

2. Adverse physical or aesthetic effects to a prehistoric or historic building, structure, object, or site?

Refer to R-1.

—      X      —

3. Adverse physical or aesthetic effects to an architecturally significant building, structure, or object?

Implementation of the proposed project would not impact any significant structures or objects.

—      —      X

4. Any impact to existing religious or sacred uses within the potential impact area?

No known religious or sacred uses have been recorded within the proposed project alignment.

—      —      X

S. Paleontological Resources. Will the

Yes      Maybe    No

proposal result in the loss of paleontological resources?

\_\_\_\_\_        X        \_\_\_\_\_

Paleontological monitoring would be required in areas where open trenching would occur. See Initial Study Discussion.

T. Human Health/Public Safety. Will the proposal result in:

1. Creation of any health hazard or potential health hazard (excluding mental health)?

\_\_\_\_\_      \_\_\_\_\_        X  

Water and sewer replacement would not produce potential health hazards.

2. Exposure of people to potential health hazards?

\_\_\_\_\_        X        \_\_\_\_\_

There is a potential to encounter contaminated soils and/or groundwater during trenching. See Initial Study discussion.

3. A future risk of an explosion or the release of hazardous substances (including but not limited to gas, oil, pesticides, chemicals, radiation, or explosives)?

\_\_\_\_\_      \_\_\_\_\_        X  

Refer to T-1.

U. Mandatory Findings of Significance.

1. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?

\_\_\_\_\_      \_\_\_\_\_        X

Yes      Maybe      No

The project would not result in any of the above mentioned impacts.

2. Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals? (A short-term impact on the environment is one which occurs in a relatively brief, definitive period of time while long-term impacts will endure well into the future.)

No long-term impacts would occur with implementation of the proposed project.

\_\_\_\_\_      \_\_\_\_\_      X

3. Does the project have impacts which are individually limited, but cumulatively considerable? (A project may impact on two or more separate resources where the impact on each resource is relatively small, but where the effect of the total of those impacts on the environment is significant.)

No cumulative impacts would occur from this project.

\_\_\_\_\_      \_\_\_\_\_      X

4. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

Project would not result in substantial adverse effects to human beings.

\_\_\_\_\_      \_\_\_\_\_      X

## INITIAL STUDY CHECKLIST

### REFERENCES

#### A. Geology/Soils

City of San Diego Seismic Safety Study, Updated 1995.

U.S. Department of Agriculture Soil Survey - San Diego Area, California, Part I and II, December 1973 and Part III, 1975.

Site Specific Report: \_\_\_\_\_

#### B. Air--N/A

California Clean Air Act Guidelines (Indirect Source Control Programs) 1990.

Regional Air Quality Strategies (RAQS) - APCD.

Site Specific Report: \_\_\_\_\_

#### C. Hydrology/Water Quality--N/A

Flood Insurance Rate Map (FIRM), 1989.

Federal Emergency Management Agency (FEMA), National Flood Insurance Program - Flood Boundary and Floodway Map, 1989.

Site Specific Report: \_\_\_\_\_

#### D. Biology--N/A

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- \_\_\_ Robinson, David L., San Diego's Endangered Species, 1988.
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- \_\_\_ California Department of Fish and Game, "Bird Species of Special Concern in California", June 1978.
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- \_\_\_ State of California Department of Fish and Game, "California's State Listed Threatened and Endangered Plants and Animals", January 1, 1989.
- \_\_\_ Code of Federal Regulations, Title 50, Part 10, "List of Migratory Birds."
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- \_\_\_ California Native Plant Society list, Powell, 1974.
- X Site Specific Report: Results of Biological Survey of a Proposed West Linda Vista Trunk Sewer, LDR No. 99-0475, RECON, September 28, 1999.

**E. Noise**

- X Community Plan
- \_\_\_ 1990 Airport Influence Area for San Diego International Airport - Lindbergh Field CNEL Maps.
- \_\_\_ Brown Field Airport Master Plan CNEL Maps.
- \_\_\_ Montgomery Field CNEL Maps.
- \_\_\_ NAS Miramar CNEL Maps, 1990.
- \_\_\_ San Diego Association of Governments - San Diego Regional Average Weekday Traffic Volumes 1990-94.
- \_\_\_ San Diego Metropolitan Area Average Weekday Traffic Volume Maps, SANDAG, 1997.
- \_\_\_ Lindbergh Field Airport Influence Area, SANDAG Airport Land Use Commission.

\_\_\_ City of San Diego Progress Guide and General Plan.

\_\_\_ Site Specific Report: \_\_\_\_\_

**F. Light, Glare and Shading--N/A**

\_\_\_ Site Specific Report: \_\_\_\_\_

**G. Land Use**

\_\_\_ City of San Diego Progress Guide and General Plan.

X Community Plan.

\_\_\_ Airport Comprehensive Land Use Plan

X City of San Diego Zoning Maps

\_\_\_ FAA Determination.

**H. Natural Resources**

\_\_\_ City of San Diego Progress Guide and General Plan.

X U.S. Department of Agriculture, Soil Survey - San Diego Area, California, Part I and II, 1973.

\_\_\_ California Department of Conservation - Division of Mines and Geology, Mineral Land Classification.

\_\_\_ Division of Mines and Geology, Special Report 153 - Significant Resources Maps.

**I. Recreational Resources**

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\_\_\_ Community Plan.

\_\_\_ Department of Park and Recreation

\_\_\_ City of San Diego - San Diego Regional Bicycling Map

X Additional Resources: USD Athletic Field; site visit September 2, 1999.



**Population--N/A**

- City of San Diego Progress Guide and General Plan.
- Community Plan.
- Series 8 Population Forecasts, SANDAG.

**K. Housing--N/A**

\_\_\_\_\_

**L. Transportation/Circulation**

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- Community Plan.
- San Diego Metropolitan Area Average Weekday Traffic Volume Maps, SANDAG, 1997.
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**M. Public Services--N/A**

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- Community Plan.

**N. Utilities--N/A**

\_\_\_\_\_

**O. Energy--N/A**

\_\_\_\_\_

**P. Water Conservation--N/A**

- Sunset Magazine, New Western Garden Book. Rev. ed. Menlo Park, CA: Sunset Magazine.

**Q. Neighborhood Character/Aesthetics**

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**R. Cultural Resources**

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**S. Paleontological Resources**

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**T. Human Health/Public Safety**

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\_\_\_ FAA Determination

\_\_\_ State Assessment and Mitigation, Unauthorized Release Listing, Public Use  
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