

RESOLUTION NUMBER R- 293055

ADOPTED ON MAY 01 2000

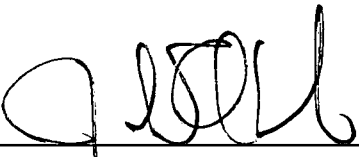
BE IT RESOLVED, by the Council of The City of San Diego, that it is hereby certified that LDR Mitigated Negative Declaration No. 98-0384, on file in the office of the City Clerk, has been completed in compliance with the California Environmental Quality Act of 1970 (California Public Resources Code section 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 Sewer and Water Group 663.

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  
4/10/00  
Or.Dept:Eng&CP  
Bid No: K20076C  
R-2000-1098  
Form=mndr.frm



Land Development  
Review Division  
(619) 236-6460

## Mitigated Negative Declaration

LDR No. 98-0384

SUBJECT: ~~Sewer and Water Group 662~~ Sewer and Water Group Jobs 660, 661B, 662, and 663. COUNCIL APPROVAL of the replacement of approximately 9,315 feet of sewer main and 1,086 feet of water main (Group Job 660), approximately 6,675 feet of sewer main and 1,600 feet of water main (Group Job 661B), approximately 8,795 feet of sewer main and 1,360 feet of water main (Group Job 662), and approximately 10,727 feet of sewer main and 1,443 of water main (Group Job 663). All work would be within public streets, alleys, and on private property (Group Job 660) and would be within the Mission Hills neighborhood of the Uptown Community planning area (Group Jobs 660, 661B, and 662), and the Old San Diego Community planning area (Group Jobs 662 and 663) ~~planning area~~. Applicant: City of San Diego, Engineering and Capital Projects Department.

### REVISED UPDATE:

Revisions have been made to the Mitigated Negative Declaration subsequent to the distribution of the draft document which include corrections to Station numbers for Group Jobs 662 and 663 and the addition of two historical mitigation measures. The first measure requires that markers are provided to identify known grave sites within the San Diego Avenue right-of-way and the second requires notification of the Historical Resource Board if a historical resource is discovered during excavation activities in order that an appropriate commemoration for the site can be determined. The revisions are considered minor in scope and do not effect the environmental analysis or conclusions of the Draft MND as previously presented. These revisions are shown as ~~strikeout~~/underline.

- 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 area(s): cultural resources and paleontological resources. Subsequent revisions in the project proposal create the specific mitigation identified in Section V of this Mitigated

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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:

The following measures comprise the Mitigation, Monitoring, and Reporting Program (MMRP) and shall be stated in the contract documents and referenced on the construction plans for Sewer and Water Group Jobs 660, 661B, 662, and 663. The of San Diego, Land Development Review Division (LDR) and Engineering and Capital Projects Division Department are responsible for ensuring that the program is carried out.

**CULTURAL RESOURCES**

1. Thirty days prior to the preconstruction meeting, the Engineering and Capital Projects Department Project Manager shall provide a letter of verification to the Environmental Review Manager of Land Development Review (LDR) stating that a qualified archaeologist and/or an archaeological monitor as defined in the City of San Diego Historical Resources Guidelines, have been retained to implement the monitoring program. The requirement for archaeological monitoring shall be noted on the grading plans and specifications.

A qualified archaeologist is defined as an individual certified by the Society of Professional Archaeologists (SOPA). At least 200 hours of field experience required for certification must have been obtained in southern California. Uncertified individuals who believe they meet the requirements for certification may submit evidence of their qualifications to LDR.

An archaeological monitor is defined as an individual who has expertise in the collection and salvage of cultural resources and who is working under the direction of a qualified archaeologist.

**ALL PERSONS INVOLVED IN THE ARCHAEOLOGICAL MONITORING OF THIS PROJECT SHALL BE APPROVED BY LDR AT LEAST 30 DAYS PRIOR TO THE PRECONSTRUCTION MEETING. THE PROJECT**

**ENGINEER SHALL NOTIFY LDR OF ANY PRECONSTRUCTION MEETING AND THE START AND END OF CONSTRUCTION.**

2. The qualified archaeologist shall attend any preconstruction meetings to make comments and/or suggestions concerning the archaeological monitoring program with the construction manager and to discuss excavation plans with the excavation contractor.

b. The qualified archaeologist or archaeological monitor shall be present on-site full-time during construction activity involving only **NEW AND/OR DEEPER EXCAVATION** work in previously undisturbed soils, as referenced on the following sheets:

Group Job 660 (28915-D):

Sheets 2 & 3 from Sta. 1+00.00 to Sta. 15+50.00  
Sheet 4 from Sta. 1+00.00 to Sta. 5+40.00  
Sheet 5 from Sta. 1+00.00 to Sta. 1+50.00  
Sheet 6 from Sta. 1+00.00 to Sta. 6+71.64  
Sheet 7 from Sta. 1+00.00 to Sta. 9+72.56  
Sheet 8 from Sta. 1+00.00 to Sta. 5+60.00  
Sheet 9 from Sta. 1+00.00 to Sta. 5+83.83  
Sheets 10&11 from Sta. 1+00.00 to Sta. 10+50.00  
Sheet 12 from Sta. 1+00.00 to Sta. 7+36.23  
Sheets 13&14 from Sta. 5+00.00 to Sta. 10+30.00  
Sheet 15 from MH No. 8 to 43, MH No. 7 to 44, MH No. 41 to 45  
Sheets 16&17 from Sta. 1+00.00 to Sta. 11+85.00

Group Job 661B (28601-D):

Sheets 2 & 3 from Sta. 1+00.00 to Sta. 10+68.64  
Sheet 4 from Sta. 1+77.98 to Sta. 6+30.55  
Sheets 5 & 6 from Sta. 1+00.00 to Sta. 11+93.61  
Sheet 7 from Sta. 1+00.00 to Sta. 3+65.51 and  
from Sta. 15+43.96 to Sta. 11+93.61  
Sheet 8 from Sta. 1+00.00 to Sta. 3+96.55  
Sheet 9 from Sta. 1+84.44 to Sta. 7+55.45  
Sheets 11 from Sta. 9+30.00 to Sta. 14+57.00  
Sheet 12 from Sta. 1+00.00 to Sta. 4+9.04 and  
from Sta. 1+00.00 to Sta. 4+87.61

Group Job 662 (286042-D):

Sheets 2, 3,4,5 from Sta. 1+00.00 to Sta. 24+50.93  
~~Sheet 4 from Sta. 1+00.00 to Sta. 3+50.00~~  
 Sheet 5 from Sta. 1+00.00 to Sta. 3+92.00  
 Sheet 7 from Sta. 0+00.00 to Sta. 4+77.70  
 Sheets 6,8,9 from Sta. 1+00.00 to Sta. 23+77.72  
~~Sheet 10 from Sta. 1+00.00 to Sta. 7+47.76~~  
 Sheets 11&12 from Sta. 1+00.00 to Sta. 14+49.87  
 Sheet 12 from Sta. 1+00.00 to Sta. 4+40.00  
~~Sheets 14 from Sta. 1+00.00 to Sta. 2+33.99~~  
 Sheets 15 from Sta. 1+00.00 to Sta. 3+69.66  
Sheet 16 from Sta. 0+55.00 to Sta. 4+51.04

Group Job 663 (30028-D)

Sheets 2 & 3 from Sta. 1+00.00 to Sta. 12+29.05 44.05  
 Sheet 4 from Sta. ~~4+70.00 to Sta. 7+00~~ 2+77.81 to 7+96.41  
 Sheet 5 from Sta. 1+00.00 to Sta. 6+55.09  
 Sheet 6 from Sta. 1+00.00 to Sta. 6+15.40 13.70  
 Sheet 7 from Sta. ~~5+76.35~~ 4+54.45 to Sta. 10+20.06 (if  
 open trench)  
 Sheet 8 from Sta. 1+60.00 to Sta. ~~2+40.00~~ 3+97.56  
 Sheet 9 from Sta. 1+00.00 to Sta. ~~5+83.83~~ 3+13.75  
 Sheets 13 from Sta. 5+40.00 to Sta. 8+00.00  
 Sheets 15 from Sta. 1+00.00 to Sta. 3+60.00  
Sheet 16 from Sta. 7+99.47 to Sta. 9+45.39  
 Sheet 17 from Sta. ~~4+17.63~~ 1+77.20 to Sta. 7+30.00  
 Sheet 19 from Sta. 14+70.00 to Sta. ~~15+90.33~~ 16+00.67  
 Sheet 20 from Sta. 0+50.00 to Sta. ~~3+02.66~~ 3+13.58  
 from Sta. ~~0+60.00~~ 70.00 to Sta. ~~2+99.46~~ 3+29.16  
 Sheet 21 from Sta. ~~0+50.00~~ 45.00 to Sta. 1+80.00 and  
 from Sta. ~~0+45.00~~ 40.00 to Sta. 2+45.00  
Sheet 28 from Sta. 1+00 to Sta. 4+20.00  
Sheet 29 from Sta. 1+00 to Sta. 4+50.00

For any site that is identified as having archaeological evidence of a pre-existing historical structure, historic settlement or event, an application shall be made to the Historical Resource Board for designation as a Historic Site and for a determination on an

acceptable manner of commemoration the historical value on the site.

The location of each know grave site in the San Diego right-of-way identified in the sub-surface radar survey conducted in November, 1993 (as shown on the drawing in appendix A), and any new graves discovered during the course of the project, shall be marked on the surface of the street or sidewalk with an appropriate marker to be determined by EAS and the Engineering and Capital Project Department staff. Any grave sites discovered during the course of the project that are not identified on the existing plaque located on the El Campo Santo Cemetery wall shall be shown on a new plaque similar to the existing plaque and shall be placed on the El Campo Santo Cemetery wall next to the existing plaque.

b. Evaluation

**WHEN REQUESTED BY THE ARCHAEOLOGIST, THE 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 AND THE RESIDENT ENGINEER 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 procedures to be performed before construction activities will be allowed to resume. For significant cultural 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.

c. Analysis

All cultural materials collected shall be cleaned, cataloged 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. Additionally, any sites or features encountered shall be recorded with the South Coastal Information Center at San Diego State University and with the San Diego Museum of Man.

d. Report Preparation

Within three months following completion of grading, a monitoring results report and/or evaluation report 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. A mitigation report for significant cultural resources (with updated and/or new DPR forms), if required, shall be submitted to and approved by the Environmental Review Manager of LDR.

Paleontological Resources

1. Thirty days prior to the preconstruction meeting, the Engineering and Capital Projects Department Project Manager shall provide verification to the Environmental Review Manager of Land Development Review (LDR) stating that a qualified paleontologist and/or paleontological monitor, as defined by 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 construction plans and specifications. **ALL PERSONS INVOLVED IN THE PALEONTOLOGICAL MONITORING OF THE PROJECT SHALL BE APPROVED BY LDR PRIOR TO THE START OF MONITORING. THE PROJECT ENGINEER SHALL NOTIFY LDR OF THE PRECONSTRUCTION MEETING AND THE START AND END OF CONSTRUCTION.**

A qualified paleontologist is defined as an individual with a PhD. or M.S. in paleontology or geology, who is a recognized expert in the application of paleontological procedures and techniques, such as screen washing of materials and identification of fossil deposits. The qualified paleontologist must have field experience in southern California and must be an expert in the preparation and curation of fossils.



A paleontological monitor is defined as an individual who has experience in the collection and salvage of fossil materials and who is working under the supervision of a qualified paleontologist.

The qualified paleontologist shall attend any preconstruction meetings to make comments and/or suggestions concerning the paleontological monitoring program with City staff and the excavation contractor.

a. Monitoring

The paleontologist or paleontological monitor shall be on-site during construction activities involving only **NEW AND/OR DEEPER EXCAVATION** work in previously undisturbed areas of San Diego (tsd), Bay Point (Qbp), Mission Valley (Tmv), and Linda Vista (Qln) Formations as on the following sheets. 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.

Group Job 660 (28915-D):

Sheets 2 & 3	from Sta. 1+00.00 to Sta. 15+50.00
Sheet 4	from Sta. 1+00.00 to Sta. 5+40.00
Sheet 5	from Sta. 1+00.00 to Sta. 1+50.00
Sheet 6	from Sta. 1+00.00 to Sta. 6+71.64
Sheet 7	from Sta. 1+00.00 to Sta. 9+72.56
Sheet 8	from Sta. 1+00.00 to Sta. 5+60.00
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Sheets 10&11	from Sta. 1+00.00 to Sta. 10+50.00
Sheet 12	from Sta. 1+00.00 to Sta. 7+36.23
Sheets 13&14	from Sta. 5+00.00 to Sta. 10+30.00
Sheet 15	from MH No. 8 to 43, MH No. 7 to 44, MH No. 41 to 45
Sheets 16&17	from Sta. 1+00.00 to Sta. 11+85.00

Group Job 661B (28601-D):

Sheets 2 & 3	from Sta. 1+00.00 to Sta. 10+68.64
Sheet 4	from Sta. 1+77.98 to Sta. 6+30.55
Sheets 5 & 6	from Sta. 1+00.00 to Sta. 11+93.61
Sheet 7	from Sta. 1+00.00 to Sta. 3+65.51 and from Sta. 15+43.96 to Sta. 11+93.61
Sheet 8	from Sta. 1+00.00 to Sta. 3+96.55
Sheet 9	from Sta. 1+84.44 to Sta. 7+55.45

Sheets 11 from Sta. 9+30.00 to Sta. 14+57.00  
 Sheet 12 from Sta. 1+00.00 to Sta. 4+9.04 and  
 from Sta. 1+00.00 to Sta. 4+87.61

Group Job 662 (286012-D):

Sheets 2, 3,4,5 from Sta. 1+00.00 to Sta. 24+50.93  
~~Sheet 4 from Sta. 1+00.00 to Sta. 3+50.00~~  
 Sheet 5 from Sta. 1+00.00 to Sta. 3+92.00  
 Sheet 7 from Sta. 0+00.00 to Sta. 4+77.70  
 Sheets 6,8,9 from Sta. 1+00.00 to Sta. 23+77.72  
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 Sheets 15 from Sta. 1+00.00 to Sta. 3+69.66  
Sheet 16 from Sta. 0+55.00 to Sta. 4+51.04

Group Job 663 (30028-D)

Sheets 2 &3 from Sta. 1+00.00 to Sta. 12+29.05 44.05  
 Sheet 4 from Sta. ~~1+70.00 to Sta. 7+00~~ 2+77.81 to 7+96.41  
 Sheet 5 from Sta. 1+00.00 to Sta. 6+55.09  
 Sheet 6 from Sta. 1+00.00 to Sta. 6+15.40 13.70  
 Sheet 7 from Sta. ~~5+76.35~~ 4+54.45 to Sta. 10+20.06 (if  
open trench)  
 Sheet 8 from Sta. 1+60.00 to Sta. ~~2+40.00~~ 3+97.56  
 Sheet 9 from Sta. 1+00.00 to Sta. ~~5+83.83~~ 3+13.75  
 Sheets 13 from Sta. 5+40.00 to Sta. 8+00.00  
 Sheets 15 from Sta. 1+00.00 to Sta. 3+60.00  
Sheet 16 from Sta. 7+99.47 to Sta. 9+45.39  
 Sheet 17 from Sta. ~~4+17.63~~ 1+77.20 to Sta. 7+30.00  
 Sheet 19 from Sta. 14+70.00 to Sta. ~~15+90.33~~ 16+00.67  
 Sheet 20 from Sta. 0+50.00 to Sta. ~~3+02.66~~ 3+13.58  
 from Sta. ~~0+60.00~~ 70.00 to Sta. 2+99.46 3+29.16  
 Sheet 21 from Sta. ~~0+50.00~~ 45.00 to Sta. 1+80.00 and  
 from Sta. ~~0+45.00~~ 40.00 to Sta. 2+45.00  
Sheet 28 from Sta. 1+00 to Sta. 4+20.00  
Sheet 29 from Sta. 1+00 to Sta. 4+50.00

b. Salvaging

**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 AND THE RESIDENT ENGINEER SHALL IMMEDIATELY NOTIFY LDR STAFF OF SUCH FINDINGS AT THE TIME OF DISCOVERY.** LDR shall approve salvaging procedures to be performed before construction activities are allowed to resume.

c. Fossil Preparation

The paleontologist shall be responsible for preparation of fossils to a point of identification as defined by 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.

d. Report Preparation

Within three months following the completion of grading, a monitoring results report with appropriate graphics summarizing the results, analysis, and conclusions of the above monitoring program shall be submitted to and approved by the 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

Council Member Wear, District 2

Council Member Kehoe, District 3

Planning and Development Review Department (MS 501 & 4A)

Engineering and Capital Projects (MS 980A)

Historical Site Board (87)

Library, Mission Hills Branch (MS 17)

Ron Christman (215)

Louis Guassac (215A)

Vonn-Marie May (209)

San Diego County Archaeological Society (218)

San Diego Historical Society (211)  
San Diego Museum of Man (212)  
San Diego Natural History Museum (213)  
San Diego State University, EC Allison Research Center (181)  
San Diego Transit Corporation  
Dr. Florence Shipek (208)  
Dr. Lynne Christenson (208A)  
South Coastal Information Center (210)  
Save Our Heritage Organization (214)  
Kumeyaay Cultural Repatriation Committee (225)  
Uptown Planners (498)  
Mission Hills Association (327)  
Hillcrest Association (495)  
Metropolitan Transit Development Board (115)  
Old Town San Diego Community Planning Committee (368)  
Old Town San Diego Chamber of Commerce (369)  
San Diego Unified School District (125)

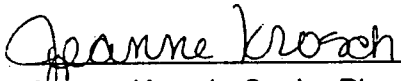
Copies of the Public Notice of this Mitigated Negative Declaration were distributed to:

Borona Group of Capitan Grande Band of Mission Indians (225-A)  
Campo Band of Mission Indians (225-B)  
Cuyapaibe 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.
- (X) 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

January 3, 2000  
Date of Draft Report

January 28, 2000  
Date of Final Report

Analyst: Pechersky/Krosch



# San Diego County Archaeological Society

Environmental Review Committee

17 January 2000

RESPONSE TO COMMENT

To: Ms. Jeanne Krosch  
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  
Sewer and Water Group Jobs 660, 661B, 662 and 663  
LDR No. 98-0384

Dear Ms. Krosch:

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 with the impact analysis and mitigation measures as presented.
1. Comment noted.

Thank you for including SDCAS in the public review of the environmental documents for this project.

Sincerely,

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

cc: SDCAS President  
File

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. 98-0384

SUBJECT: Sewer and Water Group 662. Sewer and Water Group Jobs 660, 661B, 662, and 663. COUNCIL APPROVAL of the replacement of approximately 9,315 feet of sewer main and 1,086 feet of water main (Group Job 660), approximately 6,675 feet of sewer main and 1,600 feet of water main (Group Job 661B) approximately 8,795 feet of sewer main and 1,360 feet of water main (Group Job 662), and approximately 10,727 feet of sewer main and 1,443 of water main (Group Job 663). All work would be within public streets, alleys, and on private property (Group Job 660) and would be within the Mission Hills neighborhood of the Uptown Community planning area (Group Jobs 660, 661B, and 662) and the Old San Diego Community planning area (Group Job 662 and 663) planning area. Applicant: City of San Diego, Engineering and Capital Projects Department.

I. PURPOSE AND MAIN FEATURES:

The purpose of the proposed project would replace existing concrete and cast iron sewer and water mains. Several of the mains, installed between 1901 and 1929, have deteriorated. These four group jobs, as described below, are located within the Mission Hills neighborhood of the Uptown Community planning area and the Old San Diego Community planning area (Figure 1).

The proposed Group Job 660 would replace approximately 9,315 feet of sewer main and 1,086 feet of water main within the Mission Hills neighborhood of the Uptown community planning area. The new sewer and water mains would be eight-inch diameter pipe. Construction is expected to begin in June, 2000 and would last approximately six months. Trench widths would be approximately three feet, with trench depths ranging from five feet to twenty-six feet (Figure 2).

The proposed Group Job 661B would replace approximately 6,675 feet of sewer main and 1,600 feet of water main within the Mission Hills neighborhood of the Uptown community planning area. The new sewer mains would be eight-inch in diameter and the new water mains would be eight- and twelve-inch in diameter. Construction is expected to begin in April, 2000 and would last approximately eight months. Trench widths would be approximately three feet, with trench depths ranging from four feet to twenty-five feet (Figure 3).

The majority of the proposed work for Group Job 662 involves the replacement of 8,795 linear feet of existing 6-inch diameter sewer mains and 1,360 linear feet of existing 6-inch water mains with 8-inch diameter mains located in public streets, alleys, and on private property within the Mission Hills neighborhood of the Uptown community planning area and the Old San Diego community

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planning area. The repair work also includes the replacement of existing deteriorated manholes. Three new sections of sewer main are proposed to alleviate existing problems. Construction is expected to begin in the summer of 2000 and would last approximately six months. Trench widths would vary from three feet (for sewer/water main replacement) to eight feet (for manhole replacement), with trench depths ranging from four feet to twenty-five feet (Figure 3).

The proposed Group Job 663 would replace approximately 10,727 feet of sewer main and 1,443 of water main within the Old San Diego community planning area. The sewer mains would range from six- to eight-inch diameter pipe and the water mains would range from eight- to ten-inch diameter pipe. Additionally, 636 feet of 15-inch diameter sewer pipeline would be microtunnel/jacked under Interstate 5. This is a trenchless method of excavation and traffic would not be disrupted on Interstate 5. Construction is expected to begin in July, 2000 and would last approximately eight months. Trench widths would be approximately three feet, with trench depths ranging from three feet to twelve feet (Figure 5).

It is expected that streets would remain at least partially open, while alleys would be closed intermittently during construction. Traffic control measures, designed in compliance with the regulations listed in *Standard Specifications For Public Works Construction*, would be incorporated into the project to address traffic and right-of-way access issues, therefore, no additional mitigation measures are required. 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.

## II. ENVIRONMENTAL SETTING:

The proposed project alignment would occur within the Mission Hills neighborhood of the Uptown community planning area (Group Jobs 660, 661B, and 662) and the Old San Diego community planning area (Group Jobs 662 and 663). Group Job 660 is bounded by Altamira Place on the north, Sunset Boulevard on the south, Ingleside Street on the west, and Stephens Street on the east. Group Job 661B is bounded by Altamirano Way on the northwest, Whitman Street on the southwest, and Trias Street on the east. The streets that form the boundaries of Group Job 662 are Trias Street, Pine Street, Arguello Street, Sunset Road, Witherby Street and Juan Street. Group Job 663 is bounded by Juan Street on the north, Moore Street on the south, Twiggs Street on the west, and Bandini Street on the east.

The project alignments within the Mission Hills community are developed with single-family homes. Residential and commercial uses are located adjacent to the proposed alignment within Old Town.

## III. ENVIRONMENTAL ANALYSIS: See attached Initial Study checklist.

## IV. DISCUSSION:

The following issues were evaluated during the Initial Study process:



### Geology/Soils

According to the City of San Diego's Seismic Safety Study (1995), the project alignments are within a low to moderate risk zone (Geologic Hazard Categories 52 and 53). Various faults, including the Rose Canyon Fault zone and the Old Town Fault, are within or close to the project boundaries. The project is 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 rupture, ground acceleration, liquefaction, landsliding, expansive or reactive soils, shallow bedrock or groundwater, excavation, or foundation stability, and settlement. These potential impacts would be avoided through standard construction techniques and project design features. Exceptions to this conclusion include seismic ground rupture/acceleration effects associated with a major earthquake along the Rose Canyon Fault Zone. This is considered an acceptable risk, however, for the provision of infrastructure. Proper engineering design of all replacement and new sewer/water mains would ensure that the potential for geologic impacts from regional hazards would be less than significant.

### Cultural 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 within a one mile radius of the proposed alignments. Based on this information, there is a potential that buried cultural resources could be impacted by new and/or deeper trenching into previously undisturbed soils.

Portions of the proposed project are within Old Town which is the first historic civilian community of San Diego, founded by former Presidio soldiers in the early 1800's. Old Town was the center of town life through the Mexican and Early American Period until the development of New Town in the 1870s and 1880s. The community is rich in cultural heritage and includes many historic structures and archaeological sites that have designated by the City of San Diego Historical Site Board (HSB). The El Campo Santo Cemetery (HSB No. 26) is located adjacent to the project alignment (Group Job 663). Historic burials have been identified outside the walls of the El Campo Santo Cemetery (Memorial Park) along San Diego Avenue (Archaeological and Historical Investigation at El Campo Santo Cemetery and Mission Hills, Brian F. Mooney and Associates, 1990). The localities are potentially within the proposed alignment and may be impacted by trenching activities.

Due to the potential to encounter cultural deposits, excavation into previously undisturbed soils would require archaeological monitoring by a qualified archaeologist or archaeological monitor on-site when construction activities involve new or deeper trenches. Additionally, trenching within San Diego Avenue adjacent to the El Campo Santo Cemetery would require a full-time Native American monitor as well as an archaeologist and/or archaeological

monitor. If cultural resources are discovered, excavation would temporarily cease in order to allow evaluation, recording, and recovery of material. These mitigation measures have been incorporated into the Mitigation, Monitoring, and Reporting Program (MMRP) for this project.

The project also proposes to install pedestrian ramps at various intersections along the proposed alignments. Generally located at the corner of the intersections are stamped sidewalk markers. Sidewalk markers that are 45 years or older are considered to be historically significant. These markers identify when the sidewalk was constructed and the name of the construction company who installed the sidewalk. As a mitigation measure, the contractor shall remove the existing section of concrete sidewalk containing any sidewalk marker over 45 years old and shall replace the marker within close proximity to its original location when the new pedestrian ramp is installed. With implementation of the above mitigation measures, all impacts shall be reduced to below a level of significance.

#### Paleontological Resources

According to the *Geology of the San Diego Metropolitan Area, California, 1975*, published by the California Division of Mines and Geology, the proposed project is underlain by San Diego (Tsd), Bay Point (Qbp), Mission Valley (Tmv), and Lindavista (Qln) formations. San Diego, Bay Point, and Mission Valley formations have a high resource potential and Lindavista formation has a moderate resource potential. New and deeper trenching is proposed along the project alignments which could result in potential disturbance or loss of fossils. Without adequate documentation and research this would be considered a significant impact. Therefore, the Mitigation, Monitoring, and Reporting Program incorporates paleontological measures and requires a qualified paleontologist or paleontological monitor to be present during new and deeper trenching activities. If paleontological resources are discovered, excavation would temporarily cease in order to allow evaluation, recording, and recovery of material. With implementation of the MMRP all potential impacts would be reduced to below a level of significance.

#### Human Health/Public Safety

According to the *San Diego County, Department of Environmental Health, Environmental Assessment Files (1998)*, a potential contaminated site within a one block radius of the proposed project was recorded (3860 Old Town Avene/Group Job 663). The *Environmental Assessment File* indicates the status of this site as open. Therefore, 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:

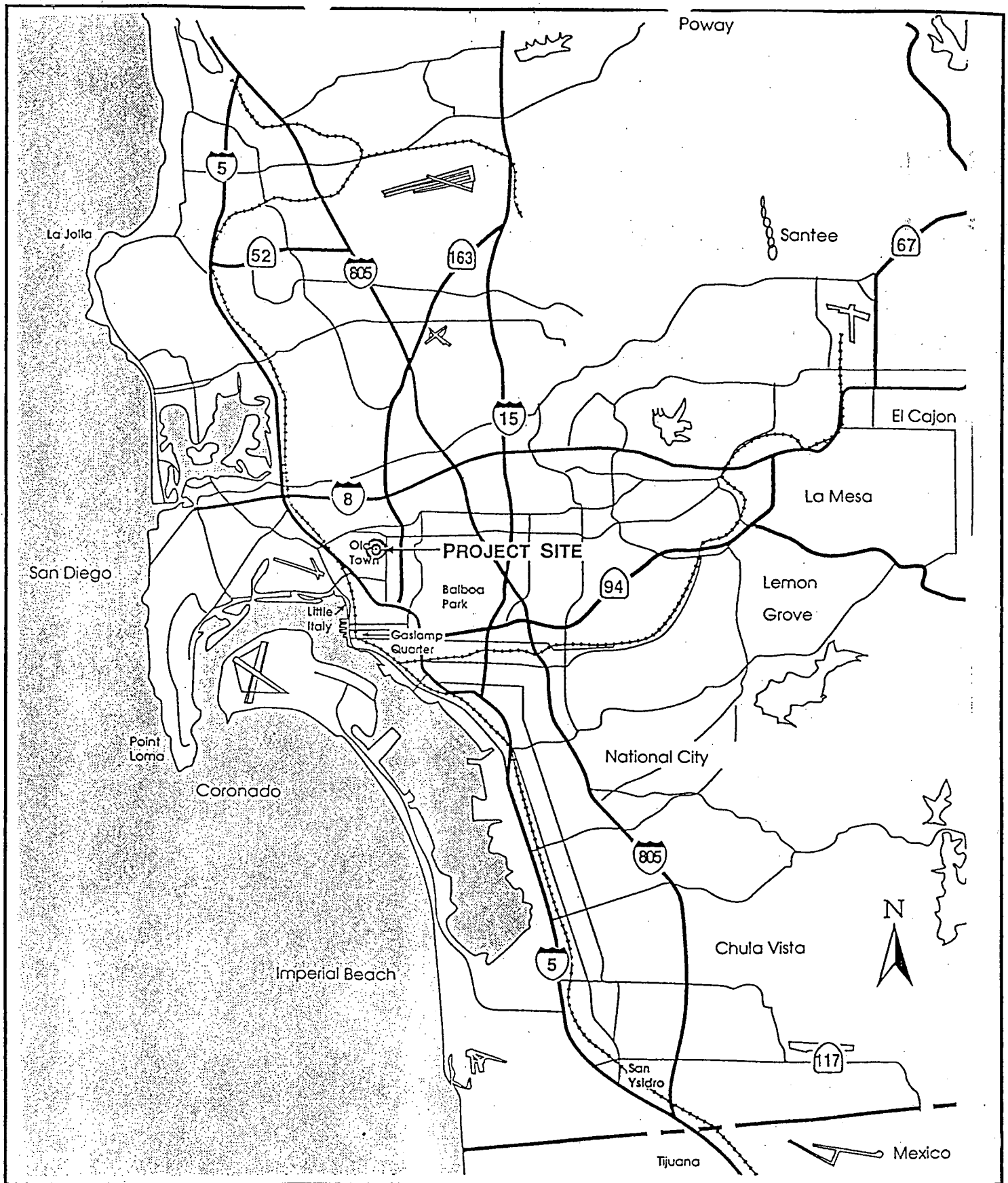
- The proposed project would not have a significant effect on the environment, and a NEGATIVE DECLARATION should be prepared.
- Although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described 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: Pechersky/Krosch

Attachments: Figure 1: Vicinity Map  
Figure 2: Location Map - Group Job 660  
Figure 3: Location Map - Group Job 661B  
Figure 4: Location Map - Group Job 662  
Figure 5: Location Map - Group Job 663  
Initial Study Checklist



**VICINITY MAP- GROUP JOBS 660, 661B, 662, & 663**

Environmental Analysis Section

CITY OF SAN DIEGO • PLANNING AND DEVELOPMENT REVIEW DEPARTMENT

Figure  
1



R-293055



LOCATION MAP - GROUP JOB 660  
 Environmental Analysis Section  
 CITY OF SAN DIEGO PLANNING AND DEVELOPMENT REVIEW DEPARTMENT

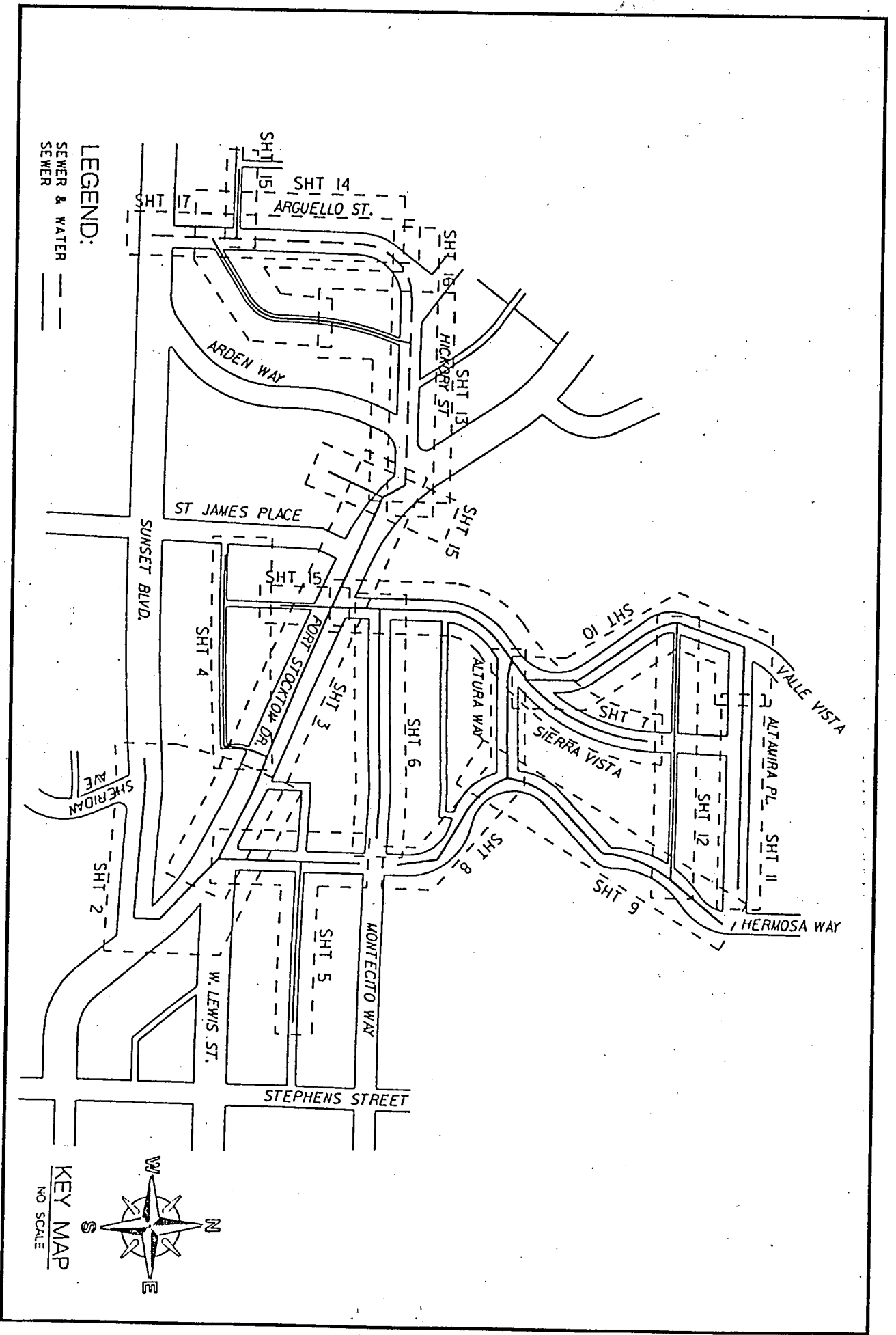


Figure 2

SWR. & WTR. MAIN  
REPLACEMENT GRP. #661B

LOCATION MAP - GROUP JOB 661B  
Environmental Analysis Section  
CITY OF SAN DIEGO PLANNING AND DEVELOPMENT REVIEW DEPARTMENT

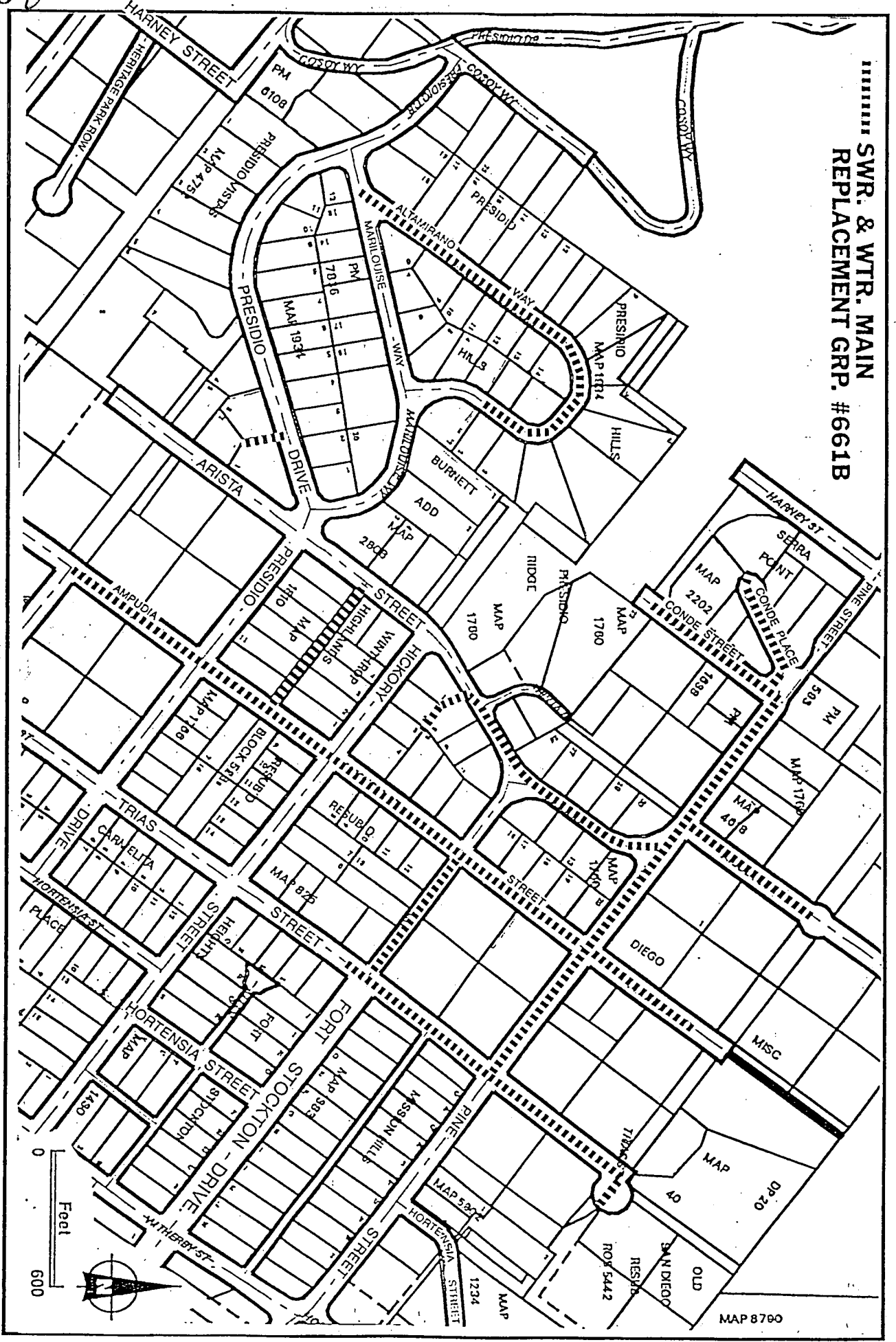


Figure  
3



LOCATION MAP - GROUP JOB 662  
Environmental Analysis Section  
CITY OF SAN DIEGO • PLANNING AND DEVELOPMENT REVIEW DEPARTMENT

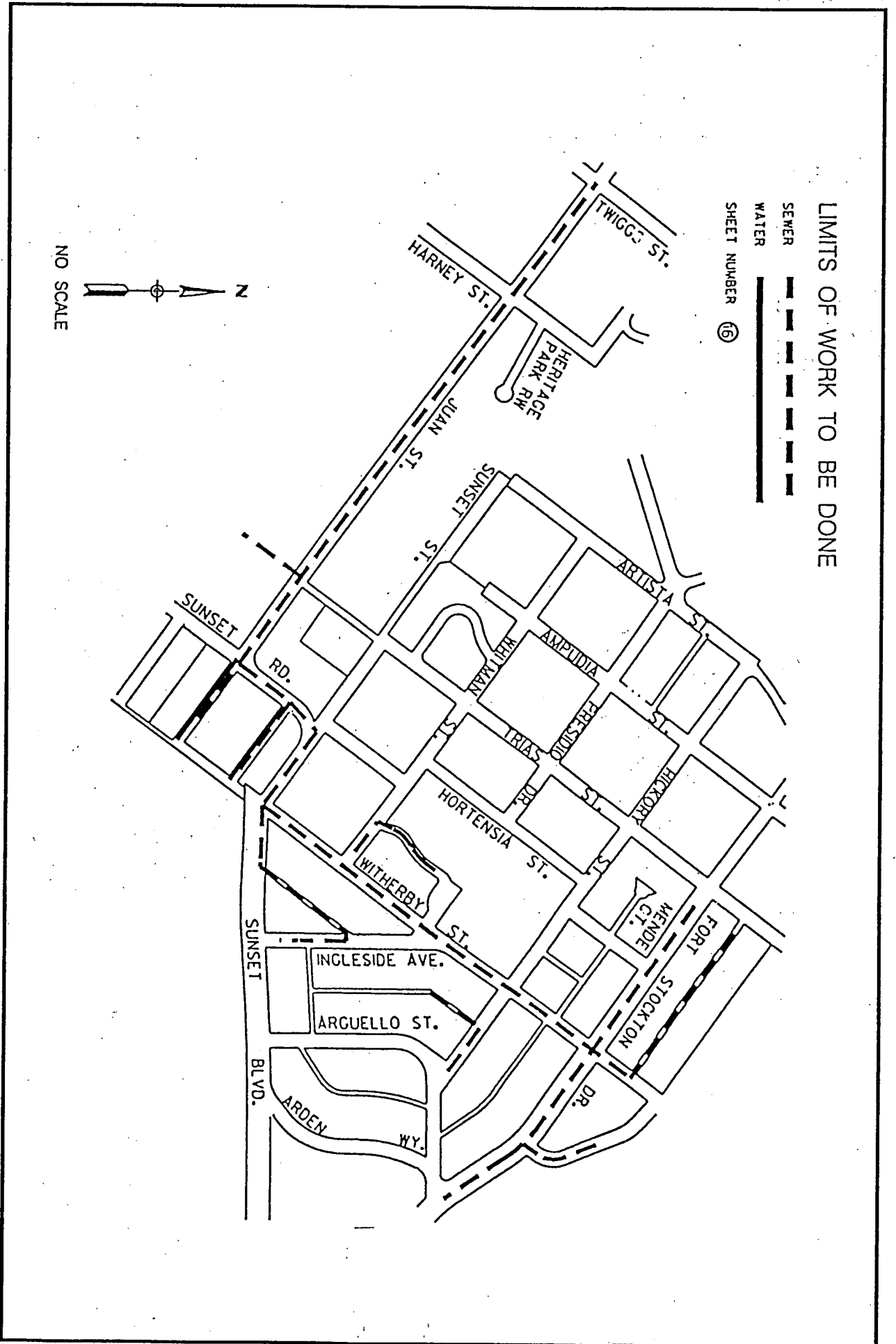
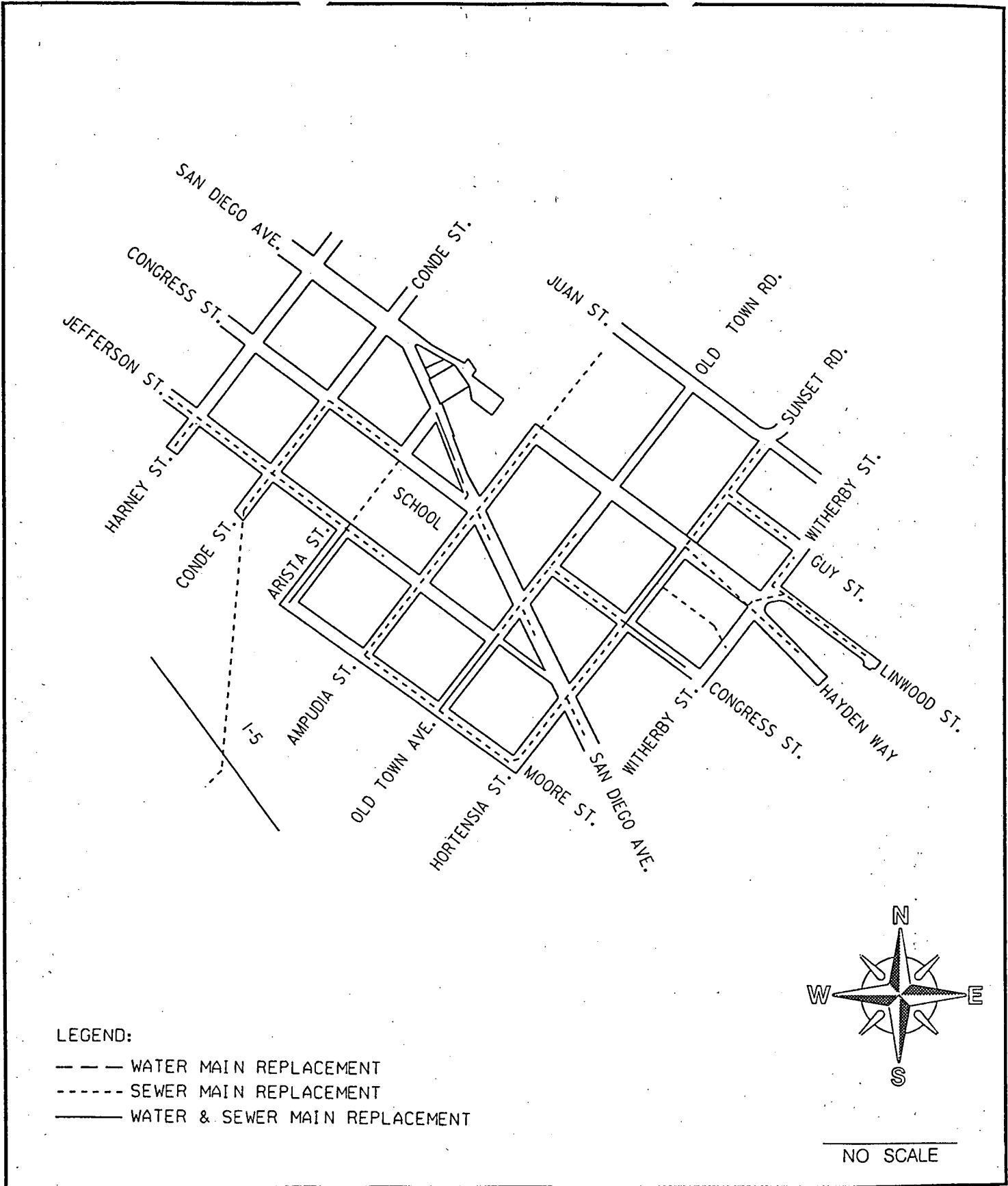


Figure 4





**LOCATION MAP- GROUP JOB 663**

**Environmental Analysis Section**

CITY OF SAN DIEGO • PLANNING AND DEVELOPMENT REVIEW DEPARTMENT



Figure  
5

R-293055

Initial Study Checklist

Date: June 1, 1998

LDR No.: 98-0384

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>See Initial Study Discussion on Geology.</u>	___	___	<u>X</u>
2. Any increase in wind or water erosion of soils, either on or off the site? <u>Project proposes to replace existing underground sewer and water mains in the public-right-of-way and on private property.</u>	___	___	<u>X</u>
B. <u>Air</u> . Will the proposal result in:			
1. Air emissions which would substantially deteriorate ambient air quality? <u>Project would be located underground.</u>	___	___	<u>X</u>
2. The exposure of sensitive receptors to substantial pollutant concentrations? <u>See B.I.</u>	___	___	<u>X</u>
3. The creation of objectionable odors? <u>See B.I.</u>	___	___	<u>X</u>
4. The creation of dust? <u>Temporary impact during construction.</u>	___	___	<u>X</u>

R-293055



Yes      Maybe    No

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  

See C.I.

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

\_\_\_\_\_      \_\_\_\_\_        X  

Site not subject to flooding.

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

\_\_\_\_\_      \_\_\_\_\_        X  

See C.I.

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  

No such species on site.

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

\_\_\_\_\_      \_\_\_\_\_        X  

See D.I.

3. Introduction of invasive species of plants into the area?

\_\_\_\_\_      \_\_\_\_\_        X  

No invasive plant species would be introduced.

4. Interference with the movement of any resident or migratory fish or wildlife species?

\_\_\_\_\_      \_\_\_\_\_        X  

No interference with wildlife species would occur.

Yes      Maybe      No

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?  
No such habitats on site.

\_\_\_\_\_      \_\_\_\_\_        X  

6. Deterioration of existing fish or wildlife habitat?  
See D.5.

\_\_\_\_\_      \_\_\_\_\_        X  

E. Noise. Will the proposal result in:

1. A significant increase in the existing ambient noise levels?  
Temporary impact due to construction.

\_\_\_\_\_      \_\_\_\_\_        X  

2. Exposure of people to noise levels which exceed the City's adopted noise ordinance?  
See E.1. Construction noise would be within the City's adopted noise ordinance.

\_\_\_\_\_      \_\_\_\_\_        X  

3. Exposure of people to current or future transportation noise levels which exceed standards established in the Transportation Element of the General Plan?  
No exposure to excessive traffic noise would occur.

\_\_\_\_\_      \_\_\_\_\_        X  

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

1. Substantial light or glare?  
Project would not create glare.

\_\_\_\_\_      \_\_\_\_\_        X  

2. Substantial shading of other properties?  
Project would not shade other properties.

\_\_\_\_\_      \_\_\_\_\_        X

Yes      Maybe      No

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?<br><u>Project is consistent with the community plan land use designation.</u>         | _____ | _____ | <u>X</u> |
| 2. | A conflict with the goals, objectives and recommendations of the community plan in which it is located?<br><u>Project consistent with the goals and objectives of the community plan.</u> | _____ | _____ | <u>X</u> |
| 3. | A conflict with adopted environmental plans for the area?<br><u>Project consistent with environmental plans.</u>  | _____ | _____ | <u>X</u> |
| 4. | Land uses which are not compatible with aircraft accident potential as defined by a SANDAG Airport Land Use Plan (ALUP)?<br><u>Project not within an ALUP.</u>                            | _____ | _____ | <u>X</u> |

H. Natural Resources. Will the proposal result in:

- |    |  |       |       |          |
|----|--|-------|-------|----------|
| 1. | The prevention of future extraction of sand and gravel resources?<br><u>Site not suitable for extraction.</u>  | _____ | _____ | <u>X</u> |
| 2. | The conversion of agricultural land to nonagricultural use or impairment of the agricultural productivity of agricultural land?<br><u>Site not suitable for agriculture.</u> | _____ | _____ | <u>X</u> |

I. Recreational Resources: Will the proposal result in an impact upon the quality or quantity of existing recreational opportunities?  
Existing recreational opportunities would not be impacted.

\_\_\_\_\_      \_\_\_\_\_      X

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
J. <u>Population</u> . Will the proposal alter the planned location, distribution, density, or growth rate of the population of an area? <u>Project would not alter the location, density or growth of the surrounding population.</u>	___	___	<u>X</u>
K. <u>Housing</u> . Will the proposal affect existing housing in the community, or create a demand for additional housing? <u>Project would not affect existing or future housing.</u>	___	___	<u>X</u>
L. <u>Transportation/Circulation</u> . Will the proposal result in:			
1. Traffic generation in excess of specific/ community plan allocation? <u>Traffic would not exceed the community plan allocation. Project is the replacement of existing sewer and water mains.</u>	___	___	<u>X</u>
2. An increase in projected traffic which is substantial in relation to the capacity of the street system? <u>See L.1.</u>	___	___	<u>X</u>
3. An increased demand for off-site parking? <u>See L.1.</u>	___	___	<u>X</u>
4. Effects on existing parking? <u>See L.1.</u>	___	___	<u>X</u>
5. Substantial impact upon existing or planned transportation systems? <u>See L.1.</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>X</u>

Yes      Maybe      No

No alteration to present circulation system would occur. Project would incorporate a traffic plan.

7. Increase in traffic hazards to motor vehicles, bicyclists or pedestrians?  
See L.6.

\_\_\_\_\_      \_\_\_\_\_      X

M. Public Services. 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?  
Area services are adequate.

\_\_\_\_\_      \_\_\_\_\_      X

2. Police protection?  
See M.1.

\_\_\_\_\_      \_\_\_\_\_      X

3. Schools?  
See M.1.

\_\_\_\_\_      \_\_\_\_\_      X

4. Parks or other recreational facilities?  
See M.1.

\_\_\_\_\_      \_\_\_\_\_      X

5. Maintenance of public facilities, including roads?  
See M.1.

\_\_\_\_\_      \_\_\_\_\_      X

6. Other governmental services?  
See M.1.

\_\_\_\_\_      \_\_\_\_\_      X

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

1. Power?  
All utilities are available.

\_\_\_\_\_      \_\_\_\_\_      X

2. Natural gas?  
See N.1.

\_\_\_\_\_      \_\_\_\_\_      X



	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
3. Communications systems? <u>See N.1.</u>	_____	_____	_____X_____
4. Water? <u>Project is the replacement of water and sewer mains.</u>	_____	_____	_____X_____
5. Sewer? <u>See N.4.</u>	_____	_____	_____X_____
6. Storm water drainage? <u>See N.1.</u>	_____	_____	_____X_____
7. Solid waste disposal? <u>See N.1.</u>	_____	_____	_____X_____
O. <u>Energy.</u> Will the proposal result in the use of excessive amounts of fuel or energy? <u>Project would not effect fuel or energy usage.</u>	_____	_____	_____X_____
P. <u>Water Conservation.</u> Will the proposal result in:			
1. Use of excessive amounts of water? <u>No excessive amounts of water would be required.</u>	_____	_____	_____X_____
2. Landscaping which is predominantly non-drought resistant vegetation? <u>Project does not include a landscape plan.</u>	_____	_____	_____X_____
Q. <u>Neighborhood Character/Aesthetics.</u> Will the proposal result in:			
1. The obstruction of any vista or scenic view from a public viewing area? <u>Project would be located underground.</u>	_____	_____	_____X_____
2. The creation of a negative aesthetic site or project? <u>See Q.I.</u>	_____	_____	_____X_____

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
3. Project bulk, scale, materials, or style which will be incompatible with surrounding development? <u>See Q.1.</u>	___	___	___X___
4. Substantial alteration to the existing character of the area? <u>See Q.1.</u>	___	___	___X___
5. The loss of any distinctive or landmark tree(s), or a stand of mature trees? <u>No such loss would occur.</u>	___	___	___X___
6. Substantial change in topography or ground surface relief features? <u>Project is located in existing streets, alleys, and private driveways.</u>	___	___	___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? <u>See Q.6.</u>	___	___	___X___
 R. <u>Cultural Resources.</u> Will the proposal result in:			
1. Alteration of or the destruction of a prehistoric or historic archaeological site? <u>Archaeological Monitoring would be required along portions of the project. See Initial Study.</u>	___	___X___	___
2. Adverse physical or aesthetic effects to a prehistoric or historic building, structure, object, or site? <u>See R.1.</u>	___	___	___X___
3. Adverse physical or aesthetic effects to an architecturally significant building, structure, or object?	___	___	___X___

Yes      Maybe      No

See R.1.

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

See R.1.

\_\_\_\_\_      \_\_\_\_\_        X  

- S. Paleontological Resources. Will the proposal result in the loss of paleontological resources?

Paleontological monitoring would be required along portions of the project.  
See Initial Study.

\_\_\_\_\_        X        \_\_\_\_\_

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

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

No such health hazards would be created.

\_\_\_\_\_      \_\_\_\_\_        X  

2. Exposure of people to potential health hazards?

See T.I.

\_\_\_\_\_      \_\_\_\_\_        X  

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)?

See T.I.

\_\_\_\_\_      \_\_\_\_\_        X  

- 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

Yes      Maybe      No

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

\_\_\_\_\_      \_\_\_\_\_        X  

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.)  
Project is compatible with long-term goals.

\_\_\_\_\_      \_\_\_\_\_        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.)  
Project would not have an individual or cumulative impact.

\_\_\_\_\_      \_\_\_\_\_        X  

4. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?  
No direct or indirect impacts to humans would result from this project.

\_\_\_\_\_      \_\_\_\_\_        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 - NOT APPLICABLE

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

Regional Air Quality Strategies (RAQS) - APCD.

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

#### C. Hydrology/Water Quality

Flood Insurance Rate Map (FIRM), 1997.

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

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

#### D. Biology

City of San Diego, Multiple Species Conservation Program (MSCP), Subarea Plan, 1997

City of San Diego, MSCP, "Vegetation Communities with Sensitive Species and Vernal Pools" maps, 1996.

City of San Diego, MSCP, "Multiple Habitat Planning Area" maps, 1997.

Community Plan - Resource Element

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

- \_\_\_ Robinson, David L., San Diego's Endangered Species, 1988.
- \_\_\_ California Department of Fish and Game, "San Diego Vegetation", March 1985.
- \_\_\_ California Department of Fish and Game, "Bird Species of Special Concern in California", June 1978.
- \_\_\_ State of California Department of Fish and Game, "Mammalian Species of Special Concern in California", 1986.
- \_\_\_ 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."
- \_\_\_ Code of Federal Regulations, Title 50, Part 17, "Endangered and Threatened Wildlife and Plants", January 1, 1989.
- \_\_\_ California Native Plant Society list, Powell, 1974.
- \_\_\_ Site Specific Report: \_\_\_\_\_

**E. Noise - NOT APPLICABLE**

- \_\_\_ 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 - NOT APPLICABLE**

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

**G. Land Use**

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

X Community Plan.

X City of San Diego Zoning Maps

\_\_\_ FAA Determination

**H. Natural Resources - NOT APPLICABLE**

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

\_\_\_ 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 - NOT APPLICABLE**

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

\_\_\_ Community Plan.

\_\_\_ Department of Park and Recreation

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

\_\_\_ Additional Resources: \_\_\_\_\_

**J. Population - NOT APPLICABLE**

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

- \_\_\_ Community Plan.
- \_\_\_ Series 8 Population Forecasts, SANDAG.

**K. Housing - NOT APPLICABLE**

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**L. Transportation/Circulation - NOT APPLICABLE**

- \_\_\_ City of San Diego Progress Guide and General Plan.
- \_\_\_ Community Plan.
- \_\_\_ San Diego Metropolitan Area Average Weekday Traffic Volume Maps, SANDAG, 1997.
- \_\_\_ San Diego Region Weekday Traffic Volumes 1990-94, SANDAG.
- \_\_\_ Site Specific Report: \_\_\_\_\_

**M. Public Services - NOT APPLICABLE**

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

**N. Utilities - NOT APPLICABLE**

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**O. Energy - NOT APPLICABLE**

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**P. Water Conservation - NOT APPLICABLE**

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

**Q. Neighborhood Character/Aesthetics - NOT APPLICABLE**

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



\_\_\_ Local Coastal Plan.

**R. Cultural Resources**

\_\_\_ City of San Diego Historical Resources Guidelines, 1997.

X City of San Diego Archaeology Library.

\_\_\_ City of San Diego Historical Site Board List.

\_\_\_ City of San Diego Uptown Cultural Resource Inventory Volumes I-III, 1993.

\_\_\_ Community Historical Survey: \_\_\_\_\_

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

**S. Paleontological Resources**

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