

MINUTE ITEM  
This Calendar Item No. 49  
was approved as Minute Item  
No. 19 by the State Lands  
Commission by a vote of 3  
to 0 at its 10-21-87  
meeting.

CALENDAR ITEM

A 80

S 57

C 19

10/21/87  
W 40527  
Pelka

PRC 7133

APPROVAL OF A BORROW PERMIT  
FOR SAND EXTRACTION, IMPERIAL COUNTY

APPLICANT:

United States Department of the Interior  
Bureau of Land Management  
El Centro Resource Area  
333 South Waterman Avenue  
El Centro, California 92243

AGENT:

G. Ben Koski  
Area Manager  
United States Department of the Interior  
Bureau of Land Management  
El Centro Resource Area  
333 South Waterman Avenue  
El Centro, California 92243

PROPOSED AUTHORIZATION:

Approval of a Borrow Permit for eighteen months  
to extract blow sand on approximate 1/2 acre of  
land located in Imperial County.

CONSIDERATION:

Filing fee of \$25, and a royalty of ten cents  
(\$0.10) per cubic yard of sand removed from the  
parcel.

TYPE OF LAND AND LOCATION:

State school land - SW1/4 of SW1/4 of NW1/4 of  
SE1/4 of SW1/4 of Sec. 36, T13S, R17E., SBM,  
Imperial County, situated more than 200 feet  
from the centerline of the Imperial Sand Dunes  
Road. The parcel is located within the  
Glamis/Gecko Open OHV area, a portion of the  
Imperial Sand Dunes Recreation Area.

CALENDAR ITEM NO. C 19 (CONT'D)

PROPOSED PROJECT:

The applicant will extract approximately 2500 cubic yards of blow sand from the State parcel by pushing it with a bulldozer onto adjacent BLM land. The sand will be used for embankment construction to expand the BLM's existing Cahvilla Ranger Station in the Imperial Sand Dunes.

The expanded compound will provide storage facilities for Imperial Dunes Volunteer Patrol equipment and residential trailer space for temporary Recreation Technicians. The proposed project will improve conditions for safe public recreational enjoyment of the Imperial Sand Dunes, by improving the Bureau's emergency services and public information capabilities. It will also improve the BLM's ability to enforce laws, rules, and regulations for public safety and protection of sensitive public resources.

Refer to Exhibits "C" and "D", Project Site and Site Plan.

TERM: Eighteen Months.

ROYALTY: Royalty payable under the permit will be ten cents per cubic yard of sand removed from the above described parcel.

PREREQUISITE ITEMS:

1. Required statutory filing fee has been submitted.
2. The subject permit has been reviewed and approved by Commission staff counsel and the Office of the Attorney General.

STATUTORY ITEMS:

- A. 14 Cal. Adm. Code: Title 2, Section 2000.
- B. P.R.C.: Div. 6, Section 6501.1.

AB 884: 11/30/87.

CALENDAR ITEM NO. C 19 (CONT'D)

OTHER PERTINENT INFORMATION:

1. Pursuant to the Commission's delegation of authority and the State CEQA Guidelines (14 Cal. Adm. Code 15025), the staff has prepared and circulated for public review a proposed Negative Declaration identified as EIR ND 418, State Clearinghouse 87062421, pursuant to the provisions of the CEQA. A copy of this environmental document is attached as Exhibit "E".

Based upon the proposed Negative Declaration, and the comments received in response thereto, there is no substantial evidence that the project will have a significant effect on the environment (14 Cal. Adm. Code 15074(b)).

2. This activity involves lands identified as possessing significant environmental values pursuant to P.R.C. 3670 et. seq.. Based upon the staff's consultation with the persons nominating such lands and through the CEQA review process, it is the staff's opinion that the project, as proposed, is consistent with its use classification.

APPROVAL OBTAINED: The subject permit application and form have been approved by the Office of the Attorney General as to compliance with the applicable provisions of the law.

- EXHIBITS:
- A. Land Description.
  - B. Site Map.
  - C. Project Site Map.
  - D. Site Plan.
  - E. Negative Declaration.

IT IS RECOMMENDED THAT THE COMMISSION:

1. CERTIFY THAT A NEGATIVE DECLARATION EIR ND 418, STATE CLEARINGHOUSE 87062421, WAS PREPARED FOR THIS PROJECT PURSUANT TO THE PROVISIONS OF THE CEQA AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.
2. DETERMINE THAT THE PROJECT, AS PROPOSED, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.

CALENDAR ITEM NO. C 19 (CONT'D)

3. FIND THAT THIS ACTIVITY IS CONSISTENT WITH THE USE CLASSIFICATION DESIGNATED FOR THE LAND PURSUANT TO P.R.C. 6370 ET. SEQ.
4. AUTHORIZE THE ISSUANCE OF A BORROW PERMIT TO THE UNITED STATES DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT FOR A TERM OF EIGHTEEN MONTHS TO EXTRACT APPROXIMATELY 2500 CUBIC YARDS OF SAND AT A ROYALTY OF TEN CENTS PER CUBIC YARD OF SAND REMOVED FROM THE SW1/4 OF SW1/4 OF NW1/4 OF SE1/4 OF SW1/4 OF SEC. 36, T13S, R17E, IMPERIAL COUNTY, SITUATED MORE THAN 200 FEET FROM THE CENTERLINE OF THE IMPERIAL SAND DUNES ROAD CONTAINING APPROXIMATELY 0.5 ACRES MORE OR LESS TO BE USED FOR EMBANKMENT CONSTRUCTION TO EXPAND THE BLM'S EXISTING CAHUILLA RANGER STATION IN THE IMPERIAL SAND DUNES.

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EXHIBIT "A"

LAND DESCRIPTION

W 40527

A parcel of California State school lands in Imperial County, California, described as follows:

The SW 1/4 of the SW 1/4 of the NW 1/4 of the SE 1/4 of the SW 1/4 of Section 36, T13S, R17E, S8M.

EXCEPTING THEREFROM any portion lying within the highway right-of-way granted to the United States of America by State Patent No. 20611 dated February 9, 1973, and filed in Book 65, Page 00085, State Lands Commission Records.

END OF DESCRIPTION

PREPARED SEPTEMBER 1, 1987, BY BIU 1.

0561b

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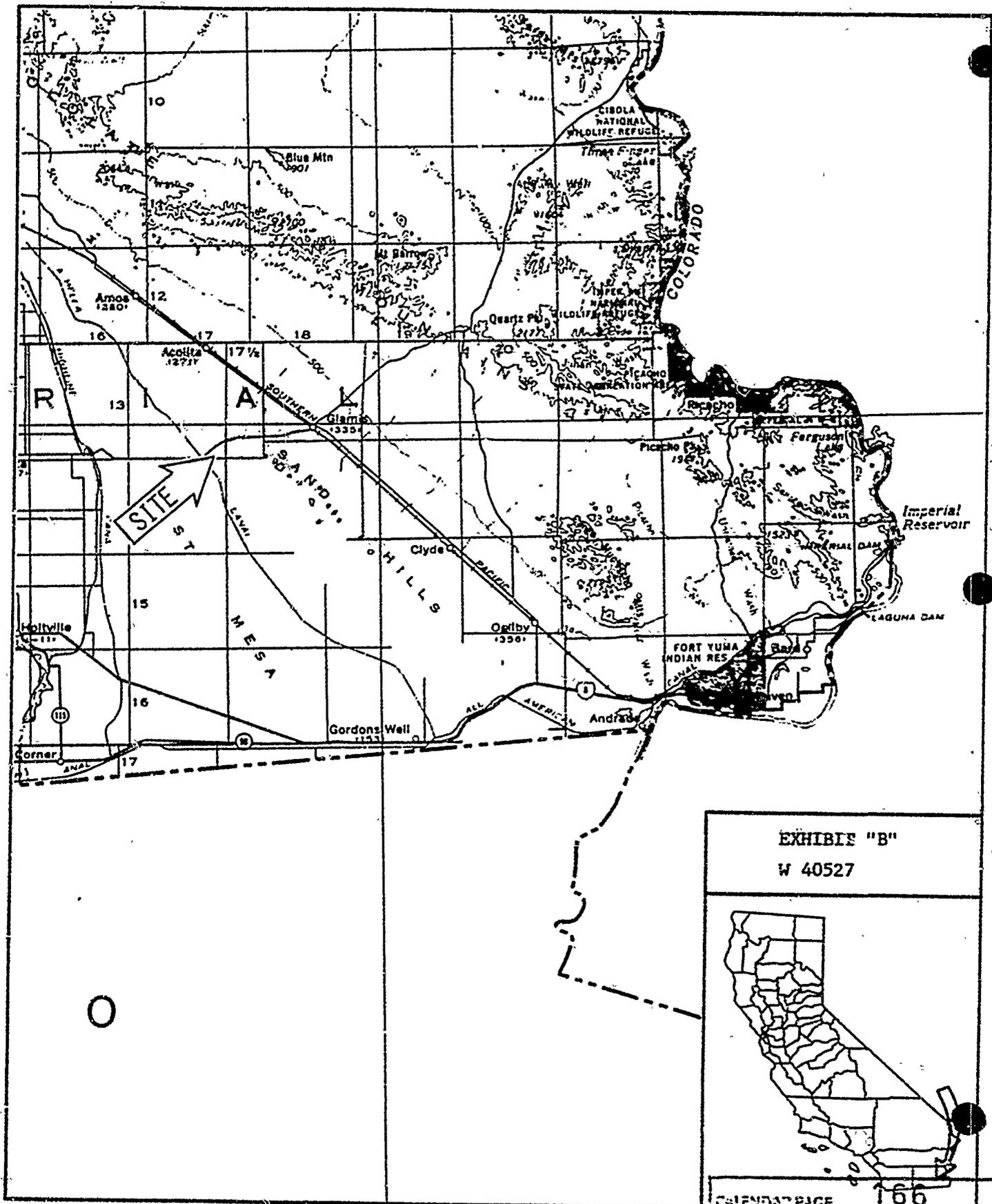


EXHIBIT "B"  
 W 40527

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EXHIBIT "C"  
Project Site Map

260'

Borrow Area

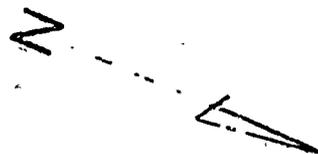
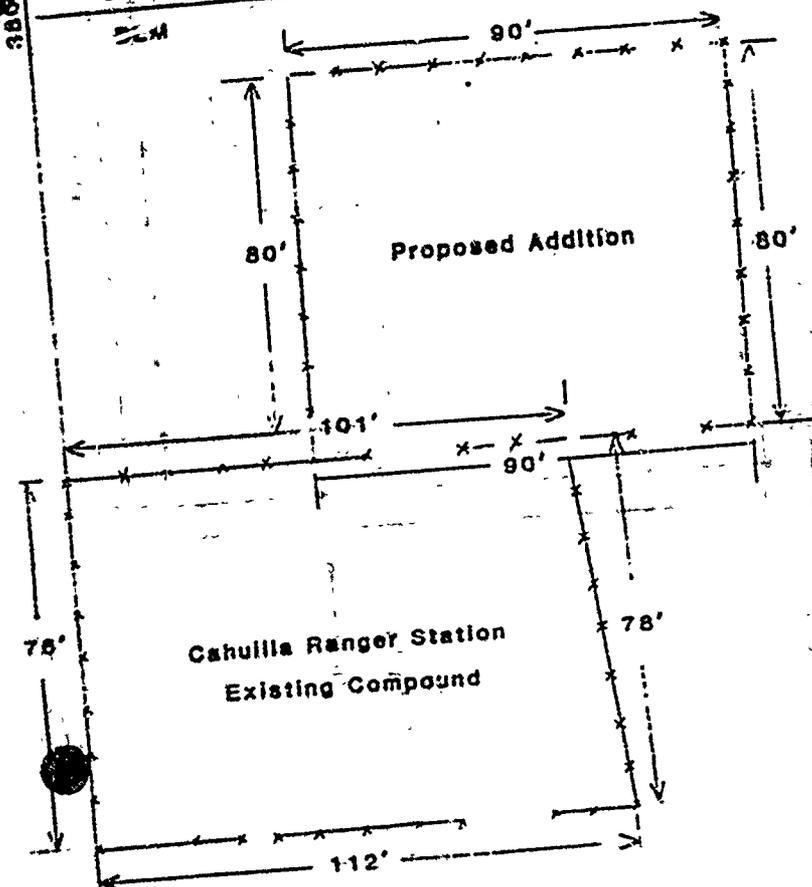
Approximate Property Line

State  
BLM

350'

State

BLM



Scale 1/4" = 10'

Imperial Sand Dunes Road

N28W

Centerline of Road

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3624

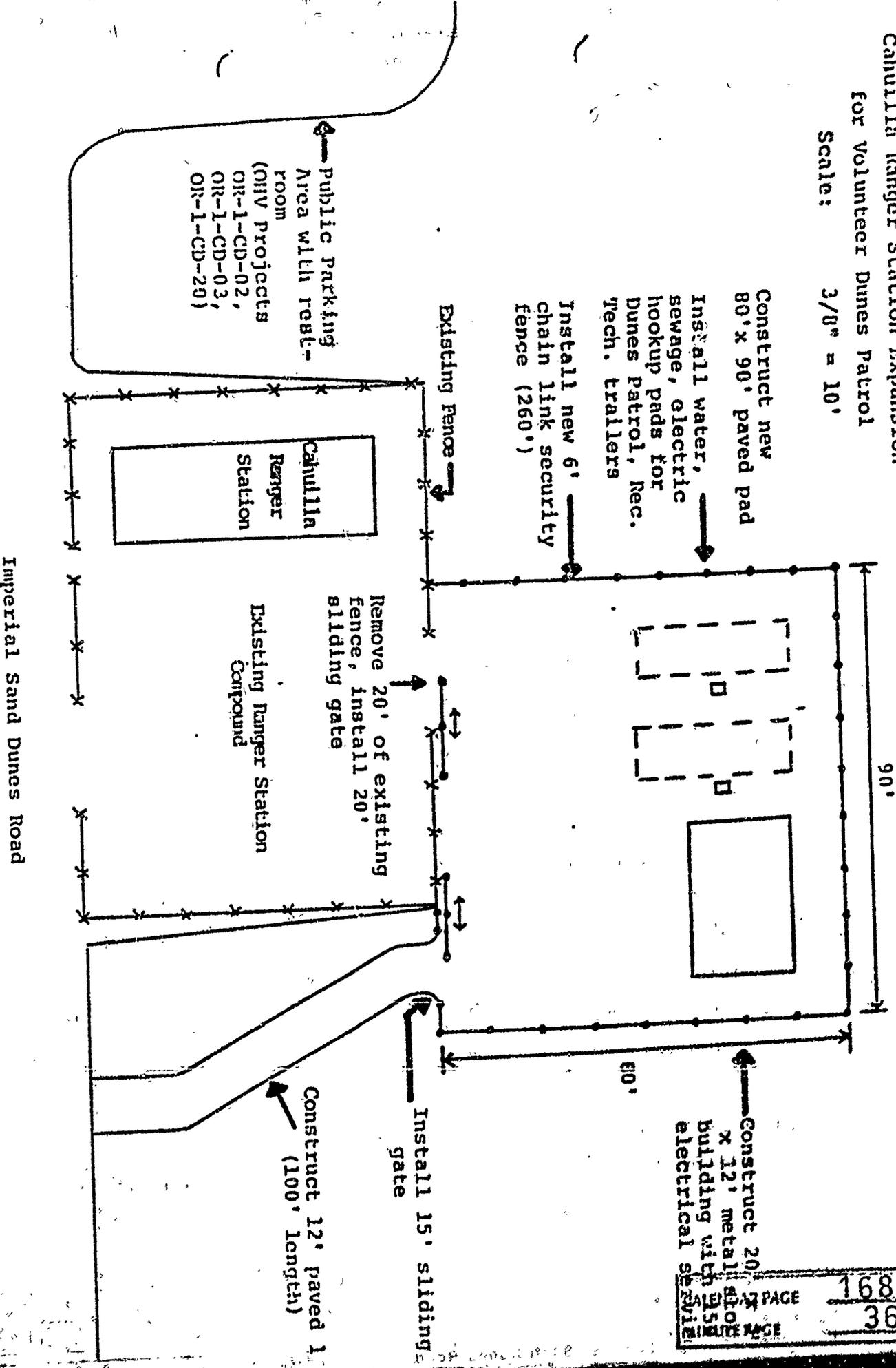
**Sierrita Ranger Station Expansion  
for Volunteer Dunes Patrol**

Scale: 3/8" = 10'

SITE PLAN

EXHIBIT 'D'

North



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STATE LANDS COMMISSION  
1807 13TH STREET  
SACRAMENTO, CALIFORNIA 95814

EXHIBIT "E"

PROPOSED NEGATIVE DECLARATION

EIR ND 418

File Ref.: W 40527

SCH#: 8706 2421

Project Title: CAHUILLA RANGER STATION EXPANSION

Project Proponent: United States Department of the Interior, Bureau of Land Management

Project Location: Within the SW $\frac{1}{4}$  of Section 36, T.13 S., R.17 E., S.B.M., approximately 6 $\frac{1}{2}$  miles westerly of Glamis, Imperial County.

Project Description: Removal of approximately 2,500 cubic yards of blow sand with a bulldozer for embankment construction.

Contact Person:

TED T. FUKUSHIMA

Telephone: (916)322-7813

This document is prepared pursuant to the requirements of the California Environmental Quality Act (Section 21000 et seq., Public Resources Code), the State CEQA Guidelines (Section 15000 et seq., Title 14, California Administrative Code), and the State Lands Commission regulations (Section 2901 et seq., Title 2, California Administrative Code).

Based upon the attached Initial Study, it has been found that:

the project will not have a significant effect on the environment.

mitigation measures included in the project will avoid potentially significant effects.

Environmental Assessment

CAHUILLA RANGER STATION EXPANSION

CA-067-87-01

Prepared by: Steven M. Nelson  
Lead Outdoor Recreation Planner  
El Centro Resource Area

Date: 12/24/86

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# I. Description of the Proposed Action and Alternatives

## A. Proposed Action

Expansion of the Cahuilla Ranger Station compound by approximately 7,500 square feet is proposed, in order to provide storage facilities for Imperial Dunes Volunteer Patrol equipment and residential trailer space for temporary Recreation Technicians. A site plan is included as an appendix to this document.

A new 80 ft. x 90 ft. rectangular pad will be constructed at the northwest corner of the existing ranger station pad. This work will entail use of a bulldozer to push blow sand from north and west of the proposed site to build a pad which is at the same level as the existing pad. As is the case with the existing pad, the new pad will have a 10 to 20 slope to the west to facilitate drainage. A 12 ft. wide access lane will be constructed between the new pad and the Imperial Sand Dunes Road along the north side of the existing pad. The pad will be covered with a layer of aggregate base (approximately 9 inches thick), 2 inches of plant mix surfacing, and 3/4 inch of open grade seal.

Prior to paving, sewage, water, and electrical hookups for two trailers will be installed on the south side of the new pad. The sewage lines will be connected to the existing leach line system. Water and electrical hookups will also connect to existing lines at the station.

A 20 ft. x 30 ft. metal storage building will be constructed on the northwest corner of the new pad. One hundred fifty amp electrical service will be installed in the new building.

A 6 ft. chain-link security fence will be constructed around the pad periphery. Sliding vehicular access gates will be installed on the access lane and in the fence between the new and old ranger station pads.

## B. Alternatives to the Proposed Action

1. No Action.

2. Construction of the new pad immediately north of the existing pad, fronting directly on the Imperial Sand Dunes Road. This alternative was considered but rejected because placement of trailers and a building north of the ranger station

would obstruct the view north from the station. The area to the north includes the intersection of Highway 78 and the Sand Dunes Road, and the Algodones Natural Area (WSA 360) on the north side of Highway 78. Surveillance of the Natural Area, which is close to vehicular use, is an important duty of ranger station staff. Because of the need to maintain clear vision to the north, this alternative is rejected and will not receive further consideration in this document.

II. Description of the Existing Environment

The site of the proposed action is located within the Glamis/Gecko Open OHV Area, a portion of the Imperial Sand Dunes Recreation Area. The area was designated as Multiple-Use Class I (Intensive Use) by the California Desert Plan, in order to provide for continuation of traditional OHV recreational use. The general environment of the project area is described in the California Desert Plan Final Environmental Impact Statement, Volume C, Appendix V, p.p. 288-295, and the Draft Environmental Assessment for the Imperial Sand Dunes Recreation Area Management Plan, Chapter 3, p.p. EA-14 through EA-32.

A field inspection of the expansion site and surrounding area was conducted on November 10, 1986 by Steve Nelson (Recreation Planner) and Lillian Olech (Wildlife Biologist) of the El Centro Resource Area staff. They found the area to be highly disturbed by an existing OHV "sand highway" or trail which passes west of the station. Predominant vegetation in undisturbed areas is Coldenia plicata, Dicora canescens, Ephedra trifurea, and Croton wigginsii.

It is estimated that an area 200 ft. x 200 ft. to the northwest of the present ranger station will be disturbed by the excavation of fill material and construction of the pad embankment. Of special concern botanically within the zone of anticipated disturbance is the State-listed threatened and California Native Plant Society (CNPS) listed Croton wigginsii. Up to 21 individual Croton wigginsii plants will be removed during construction. Of the 21, 15 individuals occur on the embankment of the existing ranger station pad, on artificially created habitat in the area receiving runoff from the pad. The only wildlife species of special concern would appear to be the Federal candidate Colorado desert fringe-toed lizard (Uma notata). The site is already significantly disturbed by recreational activity, but is otherwise suitable habitat for this species. The area does not appear to be suitable for the flat-tailed horned lizard (Phrynosoma mcallii).

No cultural resources were expected or observed at the site.

### III. Environmental Consequences

#### A. Proposed Action

The proposed project will facilitate housing of Recreation Technicians at the ranger station throughout the October - May use season. The Recreation Technicians will work closely with volunteer members of the Imperial Dunes patrol to educate recreational users concerning area rules and regulations. The Recreation Technicians and Dunes Patrol members will also be in constant radio contact with BLM Rangers in order to inform them of observed closure violations and other violations of resource protection rules and regulations. As a result of this increased on-site staffing presence, the Cahuilla Ranger Station will be open every winter weekend, rather than on holiday weekends only as is the current practice. This will improve BLM's resource protection program and emergency response capabilities. While a quantitative assessment of these indirect environmental consequences is not possible, a significant positive impact to resource protection and emergency response capability is expected.

Construction operations will result in removal of all or nearly all vegetation within an area 200 ft. x 200 ft. adjacent to the current ranger station. Approximately 50% of this area has already been cleared of vegetation by recreational use.

Croton wigginsii is locally common, with several hundred individual plants occurring within a half-mile radius of the project site. Up to 21 individual Croton wigginsii plants will be removed, 15 from artificial habitat along the existing ranger station embankment and 6 from the fill borrow area. However, while approximately 100 linear feet of ranger station embankment habitat will be removed, approximately 250 linear feet of similar embankment habitat will be created. Experience has shown that Croton wigginsii will naturally colonize road and parking area embankments having favorable drainage and receiving minimal off-highway vehicle use. Since access to the new compound will be restricted to two gates, the new embankments are expected to remain virtually undisturbed as has been the case with the existing embankment. With the net increase in this favorable habitat, the individuals lost can be expected to be replaced by an equal or possibly larger number of new individual plants within five years, due to natural colonization. The overall impact to the species, even without such colonization, would be negligible, in view of the small number of plants impacted and the large surrounding population.

The existing sand highway which passes through the expansion site will be diverted around the new pad. Because the rerouted OHV traffic will pass through the fill borrow area already disturbed by construction, little or no additional habitat disturbance is anticipated. Natural revegetation of portions of the borrow area not incorporated into the rerouted sand highway will occur.

No significant impacts to wildlife are anticipated. While the site is within the habitat range of Uma notata, the affected area is small and already significantly disturbed. Therefore, Uma notata is unlikely to be affected.

B. No Action Alternative

Under the no action alternative, no habitat disturbance will occur at the site. At the same time, artificial embankment will also not be increased by 150 linear feet, as would be the case under the proposed action. It is anticipated that the population of Croton wigginsii within the project area would remain approximately stable over the next five years, as in the case of the proposed action.

IV. Recommended Mitigating Measures (Proposed Action)

A. Prior to construction, the limits of the borrow area and embankment area will be flagged. Construction crews will be required to remain within the flagged area in order to avoid unnecessary habitat disturbance.

V. Public Participation

Letters of public support for the proposed action are included in the application for the Imperial Sand Dunes Visitor Services OHV project. Opportunity for public review of the proposal also occurred at State OHV Commission meetings as part of the cooperative agreement review and approval process. No opposition was expressed.

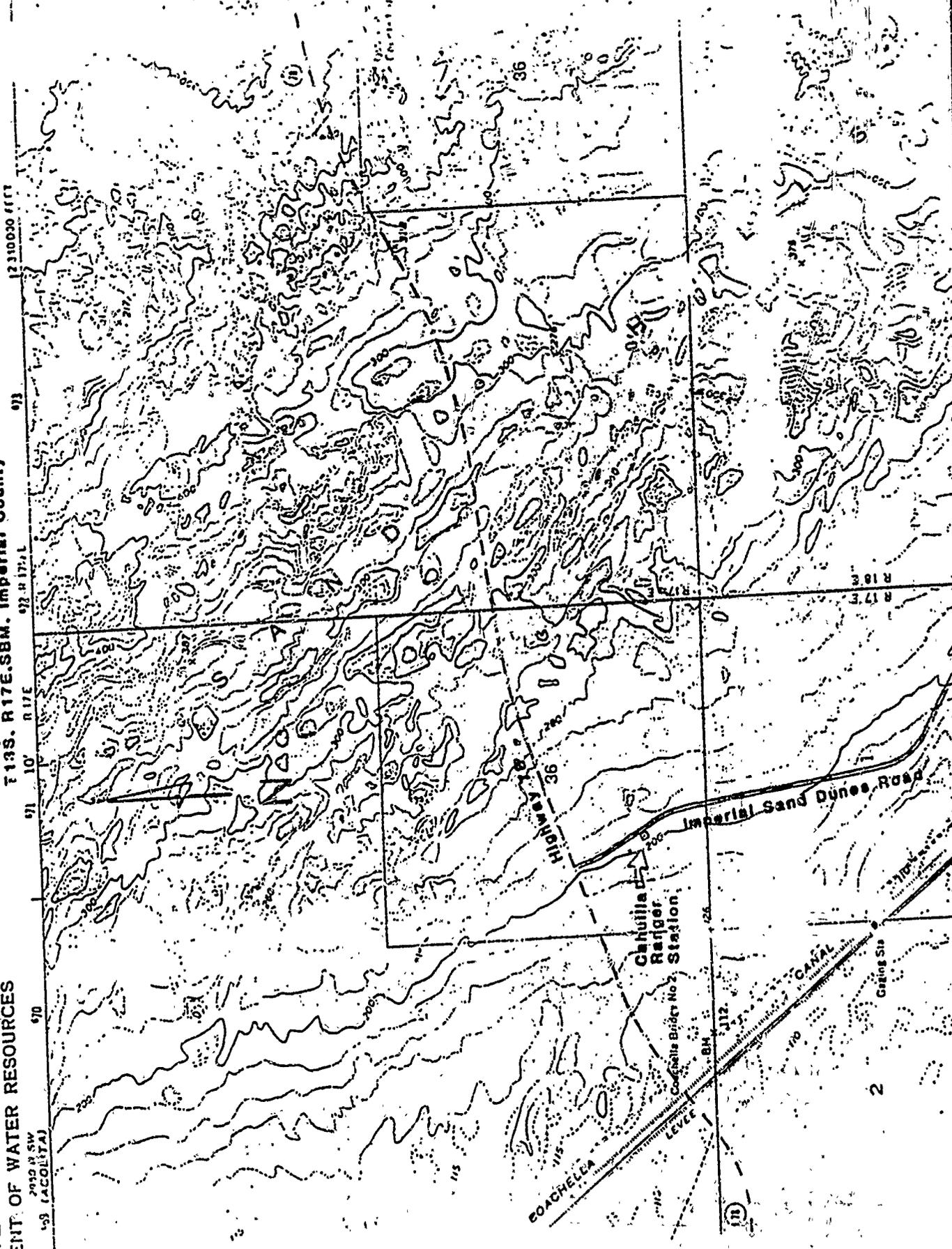
GLAMIS NW QUAD  
CALIFORNIA-IMPERIAL CO  
7.5 MINUTE SERIES (TOPOGRAPHY)  
11/74 OCA/MS 15' QUAD/MS 11

EXHIBIT "A" 1  
Location Map

CAHUILLA RANGER STATION  
T 13S. R 17E. S 36. Imperial County

STATE OF CALIFORNIA  
DEPT. OF WATER RESOURCES

2025 N SW  
103 (ACQUITA)



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260'

Borrow Area

Approximate Property Line

State  
BLM

State  
BLM

90'

80'

Proposed Addition

80'

101'

80'

76'

Cahuilla Ranger Station  
Existing Compound

78'

112'



Scale 1/4"=10'

Imperial Sand Dunes Road  
290'

N28W

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**SITE PLAN**

Cahuilla Ranger Station Expansion  
for Volunteer Dunes Patrol

Scale: 3/8" = 10'

Construct new  
80' x 90" paved pad

Install water,  
sewage, electric  
hookup pads for  
Dunes Patrol, Rec.  
Tech. trailers

Install new 6"  
chain link security  
fence (260')

Existing fence

Public Parking  
Area with rest-  
room  
(OHV Projects  
OR-1-CD-02,  
OR-1-CD-03,  
OR-1-CD-20)

Cahuilla  
Ranger  
Station

Existing Ranger Station  
Compound

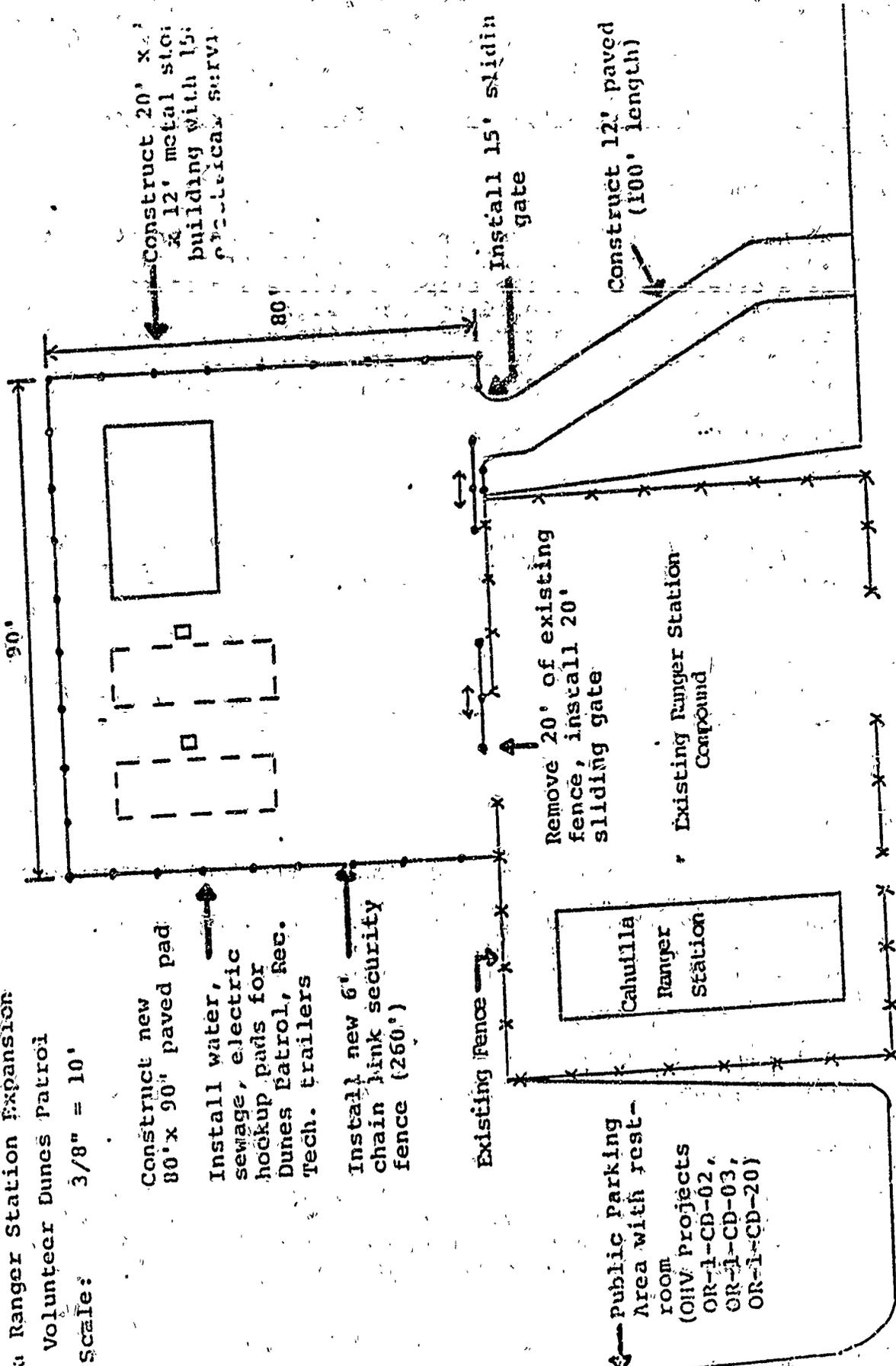
Remove 20' of existing  
fence, install 20'  
sliding gate

Install 15' sliding  
gate

Construct 12' paved  
(100' length)

Construct 20' x 20'  
& 12' metal storage  
building with 15'  
electrical service

NORTH



Imperial Sand Dunes Road

DECISION RECORD PAGE

Finding of No Significant Impact and Decision on the Proposed Action

1. Environmental Compliance

We have reviewed the environmental assessment prepared to analyze the environmental effects of the proposed action and have determined that the proposed action and approved mitigation measures would not have significant environmental effects on the human environment. Therefore, an environmental impact statement is not required to further analyze the environmental effects of the proposed action.

Environmental Assessment reviewed by:

Peter M. Gut Acty  
Area Manager, El Centro Resource Area

12/24/86  
Date

Peter M. Gut  
Chief, Branch of Resource Program Operations

12/24/86  
Date

2. Review/Decision

I have reviewed the recommendation on the land use proposal contained in CA-067-87-01 and find it is technically adequate and that consideration has been given to all resource values. I approve the recommendation as the decision of the Bureau on the proposed action.

Peter M. Gut Acty  
Area Manager, El Centro Resource Area

12/24/86  
Date

a. Decision

The Cahuilla Ranger Station Expansion project, as described in the Environmental Assessment CA-067-87-01, will be constructed as proposed with the mitigations stipulated in the Environmental Assessment.

Form 1541-1  
(May 1967)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SHORT NOTE TRANSMITTAL

4/15/87  
(Date)

TO : Files  
FROM : Lead Outdoor Recreation Planner  
SUBJECT: Clarification of EA CA-067-87-01  
(Cahvilla Ranger Station Expansion);

The second paragraph of the Description of the Existing Environment should be changed as follows:

Insert the following new third sentence:

"Approximately 50% of the surface area of this construction zone has been totally cleared of vegetation by OHV use, while density and volume of surviving vegetation appears to have been reduced significantly in the remaining 50% of the area, due to ancillary riding activity off the main trail."

Change the final sentence to delete "predominant vegetation in undisturbed areas," and to substitute "Surviving vegetation."

*Steven M. Nelson*

Note: Return this form when action is completed or attach it to data requested

U.S. GOVERNMENT PRINTING OFFICE: 1977-0-242

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**ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST - PART II**

File Ref.: W 40527

Form 13-20 (7/82)

**I. BACKGROUND INFORMATION**

- A. Applicant: United States Department of the Interior  
Bureau of Land Management  
E1 Centro Resource Area  
333 South Waterman Avenue  
E1 Centro, CA 92243
- B. Check date: 1/1/83
- C. Contact Person: TED I. FUKUSHIMA  
 Telephone: 1 916 322-7813
- D. Purpose: Proposed expansion of the Cahuilla Ranger Station compound.
- E. Location: Within the SW 1/4, Sec. 36, T.13 S., R.17 E., S.B.M., approximately 6 1/2 miles  
westerly of Glamis, Imperial County.
- F. Description: Removal of approximately 2,500 cubic yards of blow sand with a bulldozer for  
embankment construction.
- G. Persons Contacted: Kimberly Nicol - DFG (619) 347-1402

**II. ENVIRONMENTAL IMPACTS. (Explain all "yes" and "maybe" answers)**

**A. Earth.** Will the proposal result in:

- |                                                                                                                                                                                                                | Yes                                 | Maybe                    | No                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 1. Unstable earth conditions or changes in geologic substructures? .....                                                                                                                                       | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Disruptions, displacements, compaction, or overcovering of the soil? .....                                                                                                                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 3. Change in topography or ground surface relief features? .....                                                                                                                                               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 4. The destruction, covering, or modification of any unique geologic or physical features? .....                                                                                                               | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Any increase in wind or water erosion of soils, either on or off the site? .....                                                                                                                            | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Changes 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? ..... | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards? .....                                                                | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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1. Substantial air emissions or deterioration of ambient air quality?

2. The creation of objectionable odors?

3. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?

C. **Water.** Will the proposal result in:

1. Changes in the currents, or the course or direction of water movements, in either marine or fresh waters?

2. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?

3. Alterations to the course or flow of flood waters?

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

5. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity?

6. Alteration of the direction or rate of flow of ground waters?

7. Changes in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?

8. Substantial reduction in the amount of water otherwise available for public water supplies?

9. Exposure of people or property to water-related hazards such as flooding or tidal waves?

10. Significant changes in the temperature, flow or chemical content of surface thermal springs?

D. **Plant Life.** Will the proposal result in:

1. Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, and aquatic plants)?

2. Reduction of the numbers of any unique, rare or endangered species of plants?

3. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?

4. Reduction in acreage of any agricultural crop?

E. **Animal Life.** Will the proposal result in:

1. Change in the diversity of species, or numbers of any species of animals (birds, land animals including reptiles, fish and shellfish, benthic organisms, or insects)?

2. Reduction of the numbers of any unique, rare or endangered species of animals?

3. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?

4. Deterioration to existing fish or wildlife habitat?

F. **Noise.** Will the proposal result in:

1. Increase in existing noise levels?

2. Exposure of people to severe noise levels?

G. **Light and Glare.** Will the proposal result in:

1. The production of new light or glare?

H. **Land Use.** Will the proposal result in:

1. A substantial alteration of the present or planned land use of an area?

I. **Natural Resources.** Will the proposal result in:

1. Increase in the rate of use of any natural resources?

2. Substantial depletion of any nonrenewable resources?

- Yes    Maybe    No
- J. Risk of Upset.** Does the proposal result in
1. A risk of an explosion or the release of hazardous substances (including, but not limited to, oil, pesticides, chemicals, or radiation) in the event of an accident or upset conditions?
  2. Possible interference with emergency response plan or an emergency evacuation plan?
- K. Population.** Will the proposal result in:
1. The alteration, distribution, density, or growth rate of the human population of the area?
- L. Housing.** Will the proposal result in:
1. Affecting existing housing, or create a demand for additional housing?
- M. Transportation/Circulation.** Will the proposal result in:
1. Generation of substantial additional vehicular movement?
  2. Affecting existing parking facilities, or create a demand for new parking?
  3. Substantial impact upon existing transportation systems?
  4. Alterations to present patterns of circulation or movement of people and/or goods?
  5. Alterations to waterborne, rail, or air traffic?
  6. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians?
- N. 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?
  2. Police protection?
  3. Schools?
  4. Parks and other recreational facilities?
  5. Maintenance of public facilities, including roads?
  6. Other governmental services?
- O. Energy.** Will the proposal result in:
1. Use of substantial amounts of fuel or energy?
  2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?
- P. Utilities.** Will the proposal result in a need for new systems, or substantial alterations to the following utilities:
1. Power or natural gas?
  2. Communication systems?
  3. Water?
  4. Sewer or septic tanks?
  5. Storm water drainage?
  6. Solid waste and disposal?
- Q. Human Health.** Will the proposal result in:
1. Creation of any health hazard or potential health hazard (excluding mental health)?
  2. Exposure of people to potential health hazards?
- R. Aesthetics.** Will the proposal result in:
1. The obstruction of any scenic vista or view open to the public, or will the proposal result in the creation of an aesthetically offensive site open to public view?
- S. Recreation.** Will the proposal result in:
1. An impact upon the quality or quantity of existing recreational opportunities?

**T. Cultural Resources**

- 1 Will the proposal result in the alteration of or the destruction of a prehistoric or historic archeological site?  X
- 2 Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object?  X
- 3 Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?  X
- 4 Will the proposal restrict existing religious or sacred uses within the potential impact area?  X

**U. Mandatory Findings of Significance**

- 1. Does the project have the potential to degrade the quality of the environment, 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
- 2. Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals?    X
- 3. Does the project have impacts which are individually limited, but cumulatively considerable?    X
- 4. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?    X

**III. DISCUSSION OF ENVIRONMENTAL EVALUATION (See Comments Attached)**

- A2, A3: The removal of the sand and the embankment construction will result in a change in topography and overcovering of the soil.
- D2: The project will result in the reduction of the numbers of a threatened plant however the plant Croton wigginsii is locally common and is expected to replace the lost plant through colonization.
- S1: The overall project, the expansion of the ranger station, will result in the improvement of the Bureau's emergency services and public information capabilities by providing storage facilities for Imperial Dunes Volunteer Patrol equipment and residential trailer space for temporary Recreation Technicians.

**IV. PRELIMINARY DETERMINATION**

On the basis of this initial evaluation:

- I find the proposed project **COULD NOT** have a significant effect on the environment, and a **NEGATIVE DECLARATION** will be prepared.
- I find that 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 on an attached sheet have been added to the project. A **NEGATIVE DECLARATION** will be prepared.
- I find the proposed project **MAY** have a significant effect on the environment, and an **ENVIRONMENTAL IMPACT REPORT** is required.

Date: 7 / 9 / 87

*David J. Lukasik*  
For the State Lands Commission

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