ENSR

ENSR
1220 Avenida Acaso, Camarillo, California 93012-8738
T 805.388.3775 F 805.388.3577 www.ensr.aecom.com

DOCKET
07-AFC-1
DATE SEP 27 2007
RECD. NOV 13 2007

Letter of Transmittal

Attention: John Kessler
Michael Lerch

Date: September 27, 2007

Project Reference: Victorville 2

Project number: 10855001300

We are sending you the following:

Number of originals	Number of copies:	Description:
	2	CDs with supplementary Cultural Resources Data Request Responses (DRs 29, 32, 33, and 36)

Remarks

John/Michael –

Enclosed please find two CDs providing additional information in response to CEC Staff Data Requests 29, 32, 33, and 36.

With respect to other outstanding cultural resources issues, the test excavations (and additional survey of a portion of transmission line Segment 3 near the Lugo Substation) began yesterday and will be completed by the end of the week. The Project's cultural resources subcontractor, William Self Associates, sent a letter to the Native American individual who had expressed the most interest in the Project in our solicitations of interest during AFC preparation and invited him to observe the testing of the prehistoric site. However, they have received no response to their letter.

Arrie

Signature

Addendum to Response to DR29-1

Response to Data Request 29-1 (b): Discussion of Existing Structures on Plant Site

Response to Data Request 29-1 (d): Completed DPR 523 Forms

WSA

Architectural Assessment and Evaluation
of Eight Properties on the Victorville 2 Hybrid Power Project Site

Four items were requested as part of CEC DR 29

a. A map showing the locations of all existing structures on the proposed plant site and laydown areas;

b. A discussion of the existing structures (their function, age, style, integrity, and any association with local persons/history) by an architectural historian who meets the Secretary of the Interior's standards for architectural history;

c. The resume of the architectural historian; and

d. Completed copies of DPR 523 "Primary" and "Building, Structure, and Object" detail forms for any existing structures that are 45 years or older, including an assessment of their potential eligibility for the CRHR.

Responses to DR 29 (a) and DR 29 (c) were provided in the applicant's confidential response submitted on July 23, 2007. The responses to DR 29 (b) and DR 29 (d) are provided below.

WSA Architectural Historian Morgan Rieder conducted an assessment and evaluation of eight properties on the Victorville 2 Project site on July 19 and 20, 2007. DPR 523 Forms were prepared for buildings that were known to be or appeared to be 45 years of age, or older. The properties consist of seven parcels of land on the VV2 Project plant site within the City of Victorville.

The seven parcels are located on a terrace west of the Mojave River and north of the Southern California Logistics Airport (SCLA) and approximately three miles east of U.S. 395. The parcels appear to have been acquired and occupied in the middle to late 1950s, when the recorded buildings were constructed. There are no paved roads in the immediate vicinity of the parcels and none of the parcels have legal addresses. The parcels have never been connected to any utilities (natural gas, electricity, water, or sewer).

Parcel No. 0460-232-31 contains a dwelling, a well with pump and water tank, several trailers, and a large quantity of miscellaneous debris. The dwelling is a simple, small, modestly scaled, single-story rectangular block measuring 18 by 26 feet (Photograph 1). The foundation is slab-on-grade and the walls are concrete block. The windows are varied in size, but are (or were) all steel casement sash. At some point in the past, the building was severely damaged by fire, which destroyed the roof, the doors, and several of the windows.

Parcel No. 0460-232-38 contains a dwelling, a shed, a well with pump and water tank, a trailer, and a large quantity of miscellaneous debris. The dwelling is a simple, relatively large but modestly scaled single-story rectangular block measuring 25 by 35 feet (Photograph 2). The foundation is slab-on-grade and the walls are wood frame, sheathed with plywood and asphalt shingles. The building has a low-pitched shed roof with overhanging eaves; the roofing is asphalt roll. The doors, windows, and portions of the walls are missing. The building is a derelict, in very poor

condition; it is not clear if it was actually finished or if it has been partially dismantled. The shed, located north of the dwelling, is built of wood frame with plank siding and has partially collapsed.

Parcel No. 0460-242-18 contains a dwelling and a pump house (Photographs 3 and 4). The dwelling is a simple, small, modestly scaled, single-story rectangular block with rooms added on the rear. Maximum dimensions are approximately 20 by 30 feet. The foundation is slab-on-grade and the walls are wood frame, sheathed with a mix of composite wood siding, plywood, and stucco. The building has a shed roof with overhanging eaves. The front door is wood panel and the windows are aluminum sliding sash; three of the windows have 1 by 4 exterior casing. The pump house, southwest of the dwelling, is built of wood frame with plywood siding. The buildings are in poor to fair condition. The dwelling has been extensively altered over the years; the latest additions and the aluminum windows probably date to the 1970s.

Parcel No. 0460-242-20 contains a dwelling and a privy. The dwelling is a simple, small, modestly scaled, single-story rectangular block measuring 16 by 20 feet (Photographs 5 and 6). The foundation is slab-on-grade and the walls are wood frame, sheathed with stucco. The building has a shed roof with overhanging eaves; the roofing is asphalt roll. The doors are wood panel; the windows are not visible, having been boarded up. The privy, northwest of the dwelling, is also built of stuccoed wood frame. The dwelling is in fair condition; the privy is collapsing. As far can be discerned, the building has not been altered.

Parcel No. 0460-242-21 contains a dwelling, a garage, a well with pump and water tank, and a wind energy generator (Photographs 7 and 8). The dwelling is a simple, relatively large but modestly scaled single story rectangular block measuring 30 by 30 feet. The foundation is slab-on-grade and the walls are wood frame, sheathed with composite wood siding. The building has a gabled roof with overhangs on all sides; the roofing is corrugated metal. The doors are wood panel; the windows are aluminum sliding sash. The garage, north of the dwelling, is of similar construction. The buildings are in good condition, having recently been entirely remodeled.

Parcel No. 0460-242-25 contains a dwelling and a pump house (Photographs 9 and 10). The dwelling is a simple, small, modestly scaled, single-story rectangular block measuring 21 by 25 feet. The foundation is slab-on-grade and the walls are wood frame, sheathed with stucco. The building has a low-pitched gabled roof with overhanging eaves; the roofing is asphalt roll. The front door is flush wood hollow-core and the side door is wood panel. The windows are aluminum casement sash; three are corner windows. The pump house, southwest of the dwelling, is of similar construction except that it is sheathed with asphalt shingles. The buildings are in fair condition; no alterations are apparent.

Parcel No. 0460-242-26 contains a dwelling, a pump house, and three sheds (Photographs 11 and 12). The dwelling is a simple, small, modestly scaled, single-story rectangular block measuring 18 by 22 feet. The foundation is slab-on-grade and the walls are wood frame, sheathed with stucco. The building has a gabled roof with overhanging eaves; the roofing is asphalt shingle. The front door is flush wood hollow-core; the windows are aluminum sliding sash. On the west side of the dwelling is a porch, partially enclosed with corrugated metal. The pump house, south of the dwelling, is built of concrete block. The sheds are built of wood frame, sheathed with plywood,

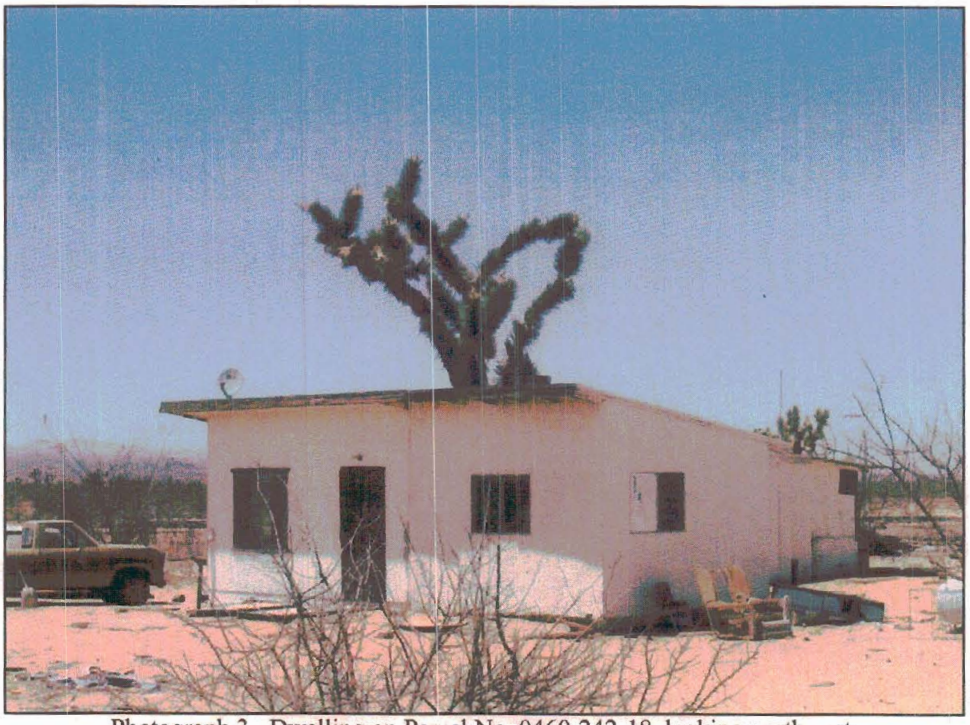
stucco, and corrugated metal. The buildings are in fair condition. The porch appears to have been added to the dwelling shortly after it was built; the aluminum windows were probably installed in the 1970s.

None of the buildings on the seven parcels appear to be eligible for the National Register of Historic Places. Evaluated under National Register Criteria A and B, none of the buildings are associated with any significant events or persons in history. Evaluated under Criterion C, the buildings have no architectural significance. They do not embody distinctive characteristics of a type, period, or method of construction, they do not represent the work of master builders, nor do they possess high aesthetic values. Because of their lack of significance, integrity is not an issue. Accordingly, WSA recommends that the buildings not be considered historic resources for the purposes of CEC licensing.

Photographs

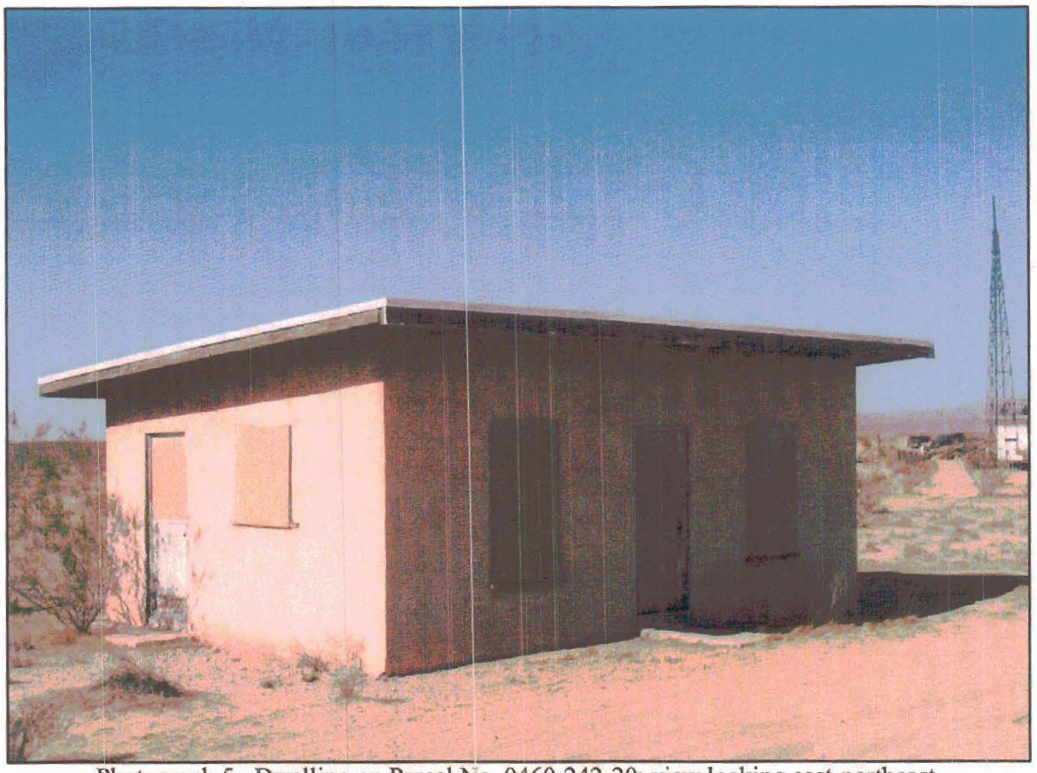
Photograph 1. Dwelling on Parcel No. 0460-232-31, looking southeast.

Photograph 2. Dwelling on Parcel No. 0460-232-38, looking east-southeast.

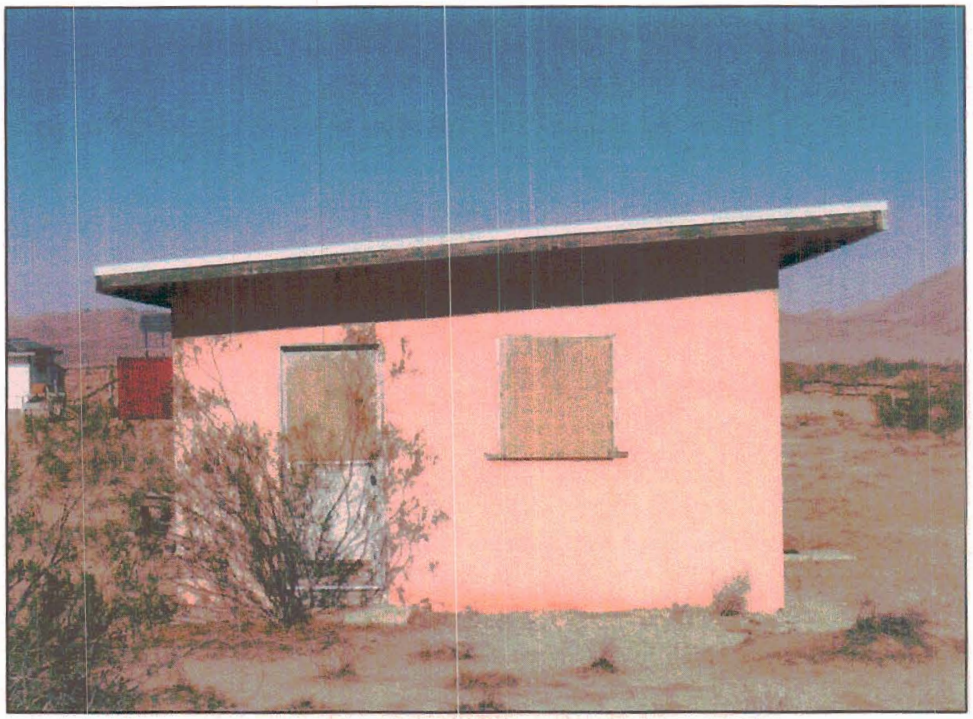


Photograph 3. Dwelling on Parcel No. 0460-242-18, looking northwest.

Photograph 4. Overview of Parcel No. 0460-242-18, looking north-northeast.



Photograph 5. Dwelling on Parcel No. 0460-242-20; view looking east-northeast.

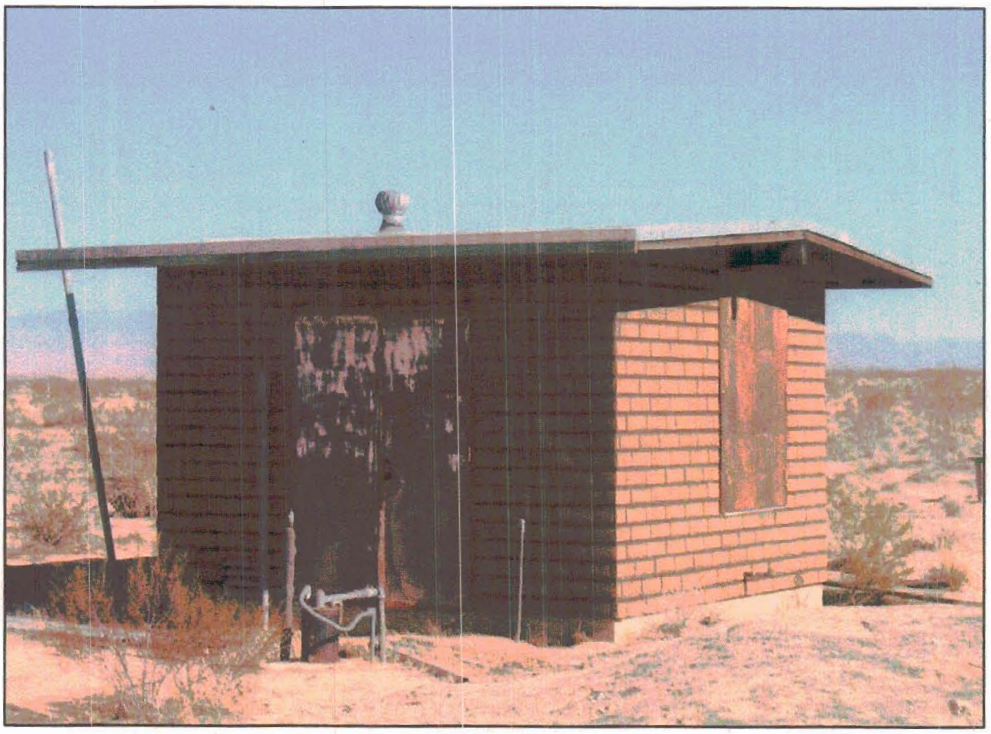


Photograph 6. Dwelling on Parcel No. 0460-242-20; view looking east.

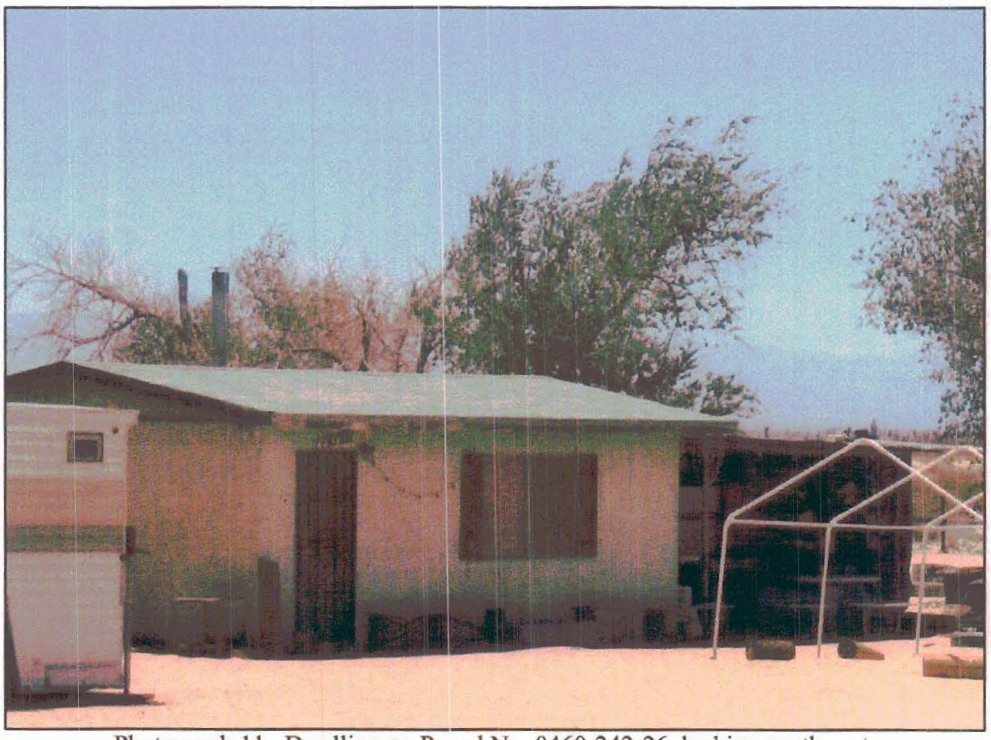
Photograph 7. Dwelling on Parcel No. 0460-242-21, looking northeast.

Photograph 8. Overview of Parcel No. 0460-242-21, looking southeast.

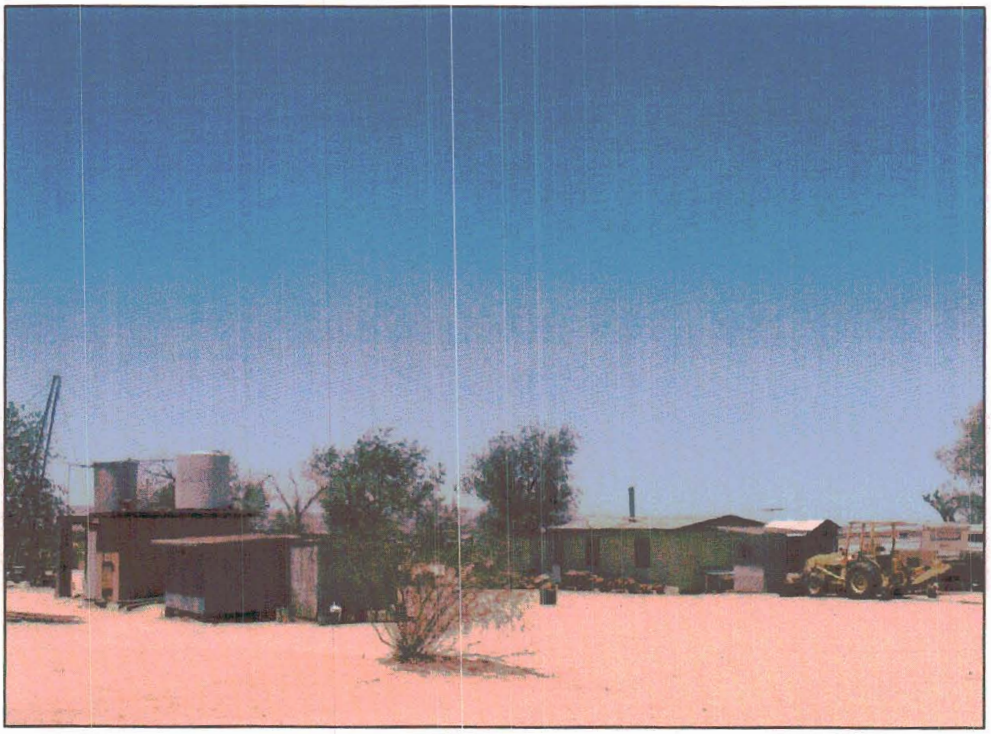
Photograph 9. Dwelling on Parcel No. 0460-242-25, looking east-southeast.



Photograph 10. Shed on Parcel No. 0460-242-25, looking east-southeast.



Photograph 11. Dwelling on Parcel No. 0460-242-26, looking southwest.



Photograph 12. Overview of Parcel No. 0460-242-26, looking northwest.

WSA

DPR 523 Forms

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # [redacted]
[redacted] HRI # [redacted]
[redacted] Trinomial #
NRHP Status Code 6Z

Other Listings
Review code Reviewer Date

 Resource Name or #: (Assigned by recorder) Parcel # 0460-232-31

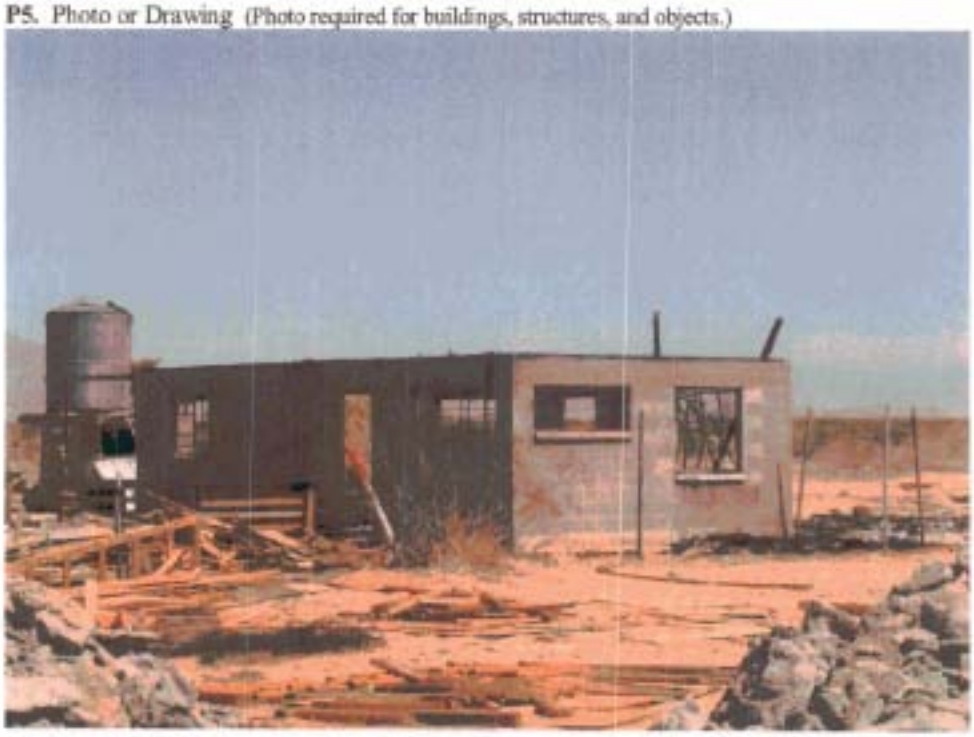
P1. Other Identifier:
***P2. Location:** ☐ Not for Publication ■ Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)
*b. USGS 7.5' Quad: Helendale **Date:** 1956/1993 T 60 N; R 50 W; SW¼ of NE¼ of Sec. 2; S.B. B.M.
c. Address: City: Zip:
d. UTM: (Give more than one for large and/or linear resources) Zone 11; E465793/N3833091
e. Other Locational Data (e.g., parcel #, directions to resource, elevation, etc., as appropriate):
APN 0406-232-31

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The property contains a dwelling, a well with pump and water tank, several trailers, and a large quantity of miscellaneous debris. The dwelling is a simple, small, modestly scaled, single-story rectangular block measuring 18 by 26 feet. The foundation is slab-on-grade and the walls are concrete block. The windows are varied in size, but are (or were) all steel casement sash. At some point, the building burned, which destroyed the roof, the doors, and several of the windows.

***P3b. Resource Attributes:** (List attributes and codes) HP2, single-family dwelling
***P4. Resources Present:** ■ Building ☐Structure ☐Object ☐ Site ☐ District ☐Element of District ☐ Other (Isolates, etc).

P5. Photo or Drawing (Photo required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) View of dwelling looking southeast, July 2007, accession # VV2-034

***P6. Date Constructed/Age and Sources:** ■ Historic ☐ Prehistoric ☐ Both
1950s

***P7. Owner and Address:**
City of Victorville

***P8. Recorded by:** (Name, affiliation, and address) Morgan Rieder, William Self Associates, Inc., 61D Avenida de Orinda, Orinda CA 94563

***P9. Date Recorded:** July 2007

***P10. Survey Type:** (Describe)
Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.")

***Attachments:** ☐NONE ■Location Map ☐Sketch Map ☐Continuation Sheet ■Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Resource Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☐Other (List):

BUILDING, STRUCTURE, AND OBJECT RECORD

 ***NRHP Status Code:** 6Z

***Resource Name or #** (Assigned by recorder) Parcel # 0460-232-31

B1. Historic Name:
B2. Common Name:
B3. Original Use: residential B4. Present Use: abandoned
***B5. Architectural Style:**
***B6. Construction History:** (Construction date, alterations, and date of alterations)
The dwelling was built in the 1950s; no alterations are apparent.

***B7: Moved?** ■ **No** ☐ **Yes** ☐ **Unknown** **Date:** **Original Location:**
***B8. Related Features:** none

B9a. Architect: none b. Builder: unknown
***B10. Significance: Theme** **Area**
Period of Significance **Property Type** **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographical scope. Also address integrity.)

This property, located on a terrace west of the Mojave River, is one of several in the immediate area that were acquired and occupied in the middle to late 1950s. The dwelling, which dates to that time, has been severely damaged by fire. It does not appear to be eligible for the National Register. Evaluated under National Register Criteria A and B, it is not associated with any significant events or persons in history; under Criterion C, it does not possess any architectural significance. It does not embody distinctive characteristics of a type, period, or method of construction, it does not represent the work of a master builder, nor do it possess high aesthetic value. Because of the lack of significance, integrity is not an issue.

This property has also been evaluated pursuant to Section 15064.5(a)(2)-(3) of the CEQA Guidelines, using the criteria outlined in Section 5024.1 of the California Public Resources Code. According to these criteria, for the same reasons as given above, the roperty is not a historic resource for the purposes of the CEQA.

B11. Additional Resource Attributes: (List attributes and codes) none

***B12. References**:

San Bernardino County records

(Sketch Map with north arrow required.)

B13. Remarks:

***B14. Evaluator**: Morgan Rieder
*Date of Evaluation: July 2007

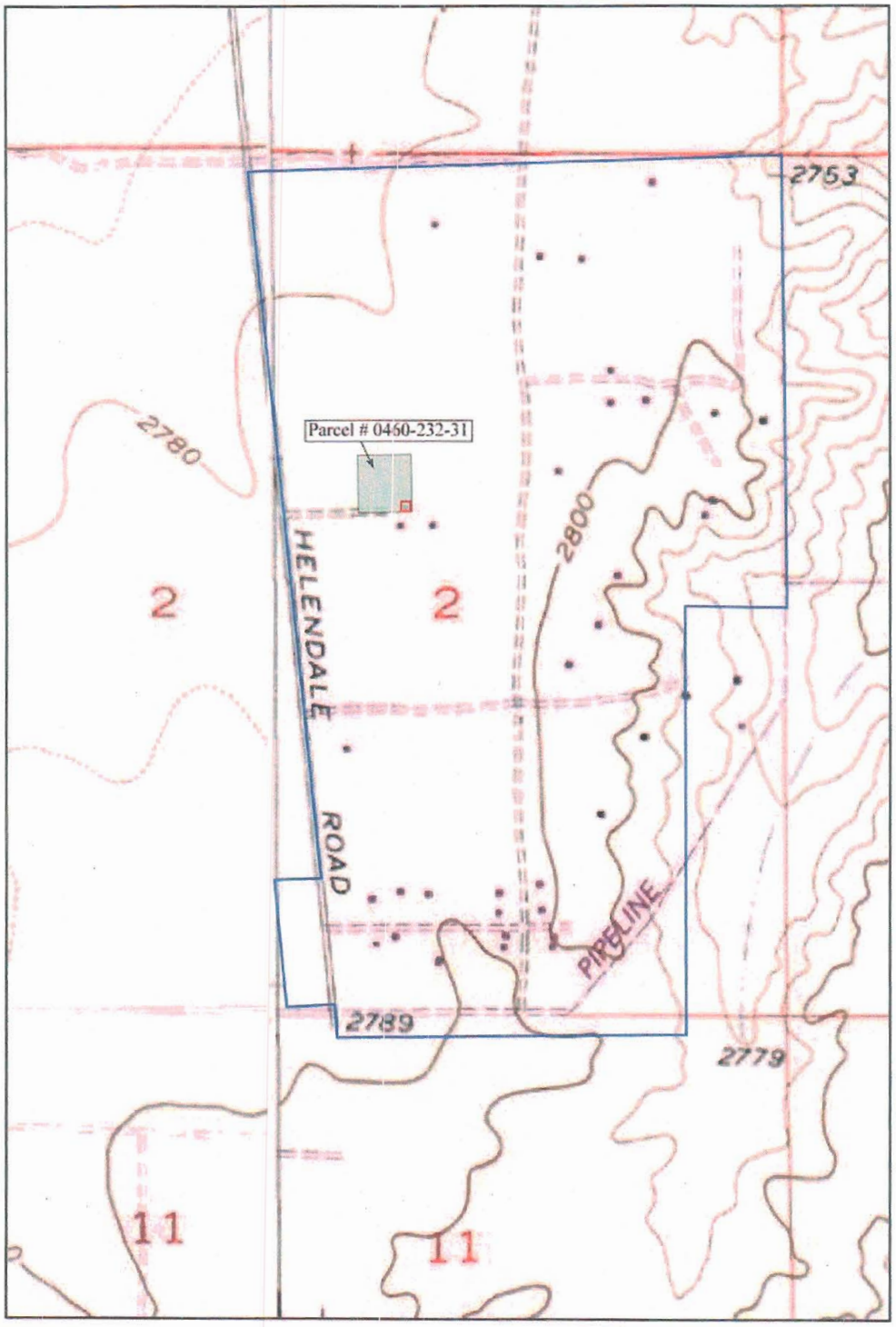
(This space reserved for official comments.)

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #
HRI #
Trinomial #

Page 3 of 3
*Map Name:

*Resource Name or # (Assigned by recorder) Parcel # 0460-232-31
*Scale: 1:24,000 *Date of Map:



0 0.5
Scale (in Miles)

DPR 523J (1/95)

*Required Information

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Z

Other Listings
Review code Reviewer Date

 *Resource Name or #: (Assigned by recorder) Parcel # 0460-232-38

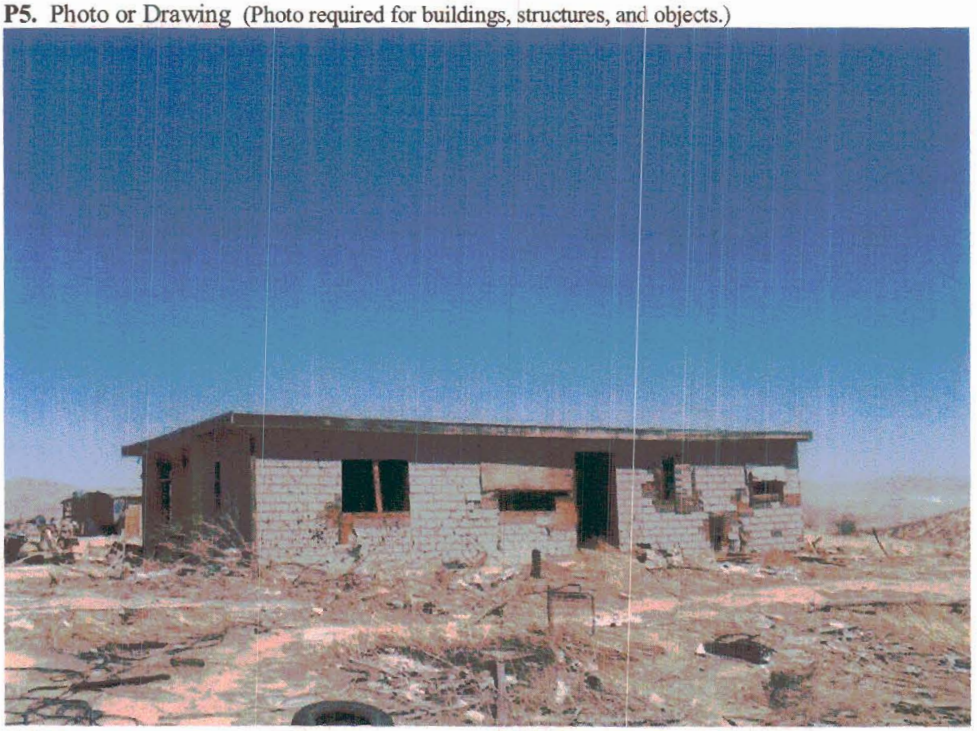
P1. Other Identifier:
***P2. Location:** ☐ Not for Publication ■ Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)
*b. USGS 7.5' Quad: Helendale Date: 1956/1993 T 60 N; R 50 W; SE¼ of NE¼ of Sec. 2; S.B. B.M.
c. Address: City: Zip:
d. UTM: (Give more than one for large and/or linear resources) Zone 11; E466366/N3833114
e. Other Locational Data (e.g., parcel #, directions to resource, elevation, etc., as appropriate):
APN 0406-232-38

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The property contains a dwelling, a shed, a well with pump and water tank, a trailer, and a large quantity of miscellaneous debris. The dwelling is a simple, relatively large but modestly scaled single-story rectangular block measuring 25 by 35 feet. The foundation is slab-on-grade and the walls are wood frame, sheathed with plywood and asphalt shingles. The building has a low-pitched shed roof with overhanging eaves; the roofing is asphalt roll. The doors, windows, and portions of the walls are missing. The building is in very poor condition; it is not clear if it was actually finished or if it has been partially dismantled. The shed, located north of the dwelling, is built of wood frame with plank siding; it has partially collapsed.

***P3b. Resource Attributes:** (List attributes and codes) HP2, single-family dwelling
***P4. Resources Present:** ■ Building ☐Structure ☐Object ☐ Site ☐ District ☐Element of District ☐ Other (Isolates, etc).

P5. Photo or Drawing (Photo required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) View of dwelling looking east-southeast, July 2007, accession # VV2-031

***P6. Date Constructed/Age and Sources:** ■ Historic ☐ Prehistoric ☐ Both
1950s

***P7. Owner and Address:**
City of Victorville

***P8. Recorded by:** (Name, affiliation, and address) Morgan Rieder, William Self Associates, Inc., 61D Avenida de Orinda, Orinda CA 94563

***P9. Date Recorded:** July 2007

***P10. Survey Type:** (Describe) Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.")

***Attachments:** ☐NONE ■Location Map ☐Sketch Map ☐Continuation Sheet ■Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Resource Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☐Other (List):

BUILDING, STRUCTURE, AND OBJECT RECORD

 ***NRHP Status Code:** 6Z

***Resource Name or #** (Assigned by recorder) Parcel # 0460-232-38

B1. Historic Name:
B2. Common Name:
B3. Original Use: residential B4. Present Use: abandoned
***B5. Architectural Style:**
***B6. Construction History:** (Construction date, alterations, and date of alterations)
The dwelling dates to the 1950s. It was never finished or it has been partially dismantled.

***B7: Moved?** ■ **No** ☐ **Yes** ☐ **Unknown** **Date:** **Original Location:**
***B8. Related Features:** HP4, ancillary building (shed)

B9a. Architect: none b. Builder: unknown
***B10. Significance: Theme** **Area**
Period of Significance **Property Type** **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographical scope. Also address integrity.)

This property, located on a terrace west of the Mojave River, is one of several in the immediate area that were acquired and occupied in the middle to late 1950s. The dwelling, which dates to that time, is derelict. It does not appear to be eligible for the National Register. Evaluated under National Register Criteria A and B, it is not associated with any significant events or persons in history; under Criterion C, it does not possess any architectural significance. It does not embody distinctive characteristics of a type, period, or method of construction, it does not represent the work of a master builder, nor do it possess high aesthetic value. Because of the lack of significance, integrity is not an issue.

This property has also been evaluated pursuant to Section 15064.5(a)(2)-(3) of the CEQA Guidelines, using the criteria outlined in Section 5024.1 of the California Public Resources Code. According to these criteria, for the same reasons as given above, the property is not a historic resource for the purposes of the CEQA.

B11. Additional Resource Attributes: (List attributes and codes) none

***B12. References:**

San Bernardino County records

(Sketch Map with north arrow required.)

B13. Remarks:

***B14. Evaluator**: Morgan Rieder
***Date of Evaluation**: July 2007

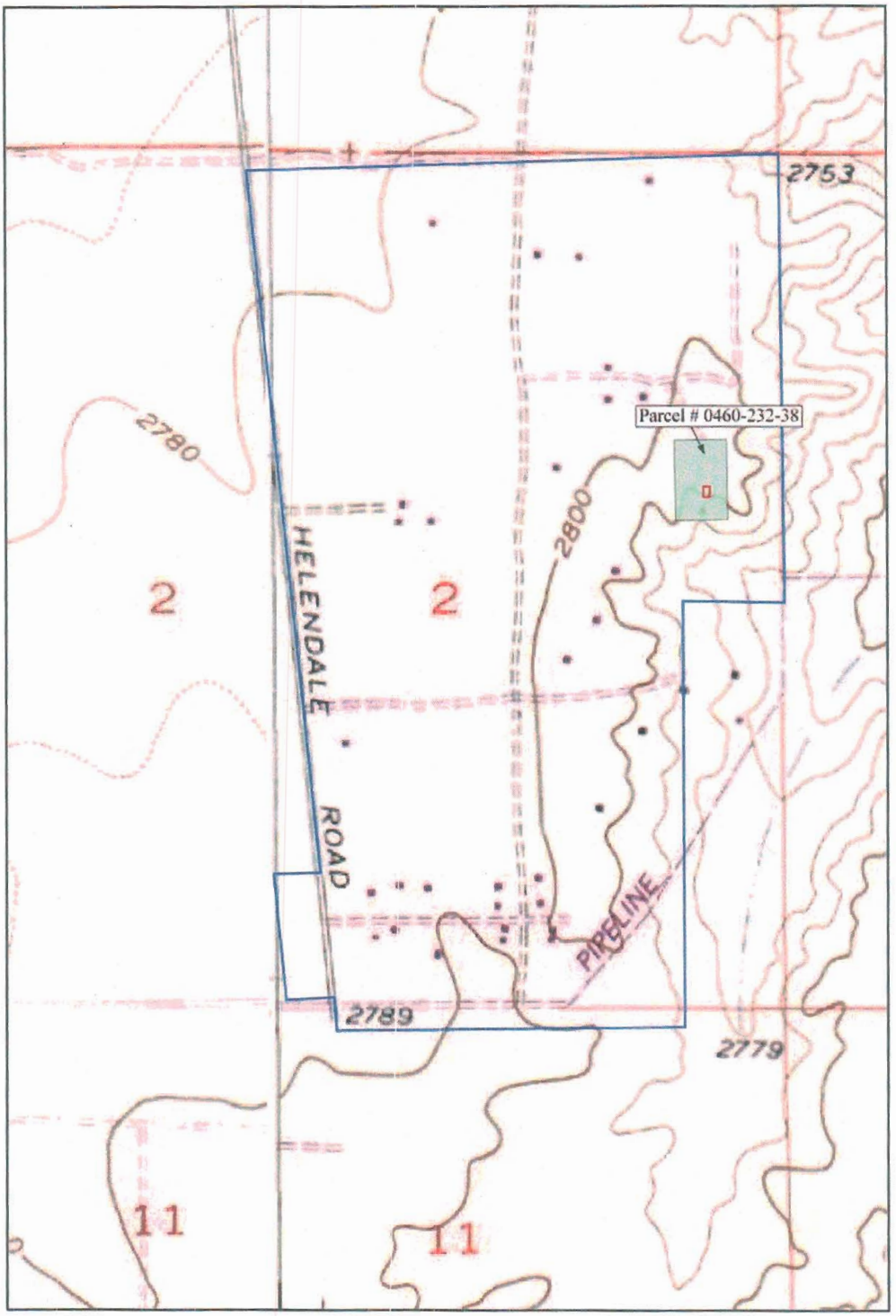
(This space reserved for official comments.)

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #
HRI #
Trinomial #

Page 3 of 3
*Map Name:

*Resource Name or # (Assigned by recorder) Parcel # 0460-232-38
*Scale: 1:24,000 *Date of Map:



0 0.5
Scale (in Miles)

DPR 523J (1/95)

*Required Information

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Z

Other Listings
Review code Reviewer Date

 *Resource Name or #: (Assigned by recorder) Parcel # 0460-242-18

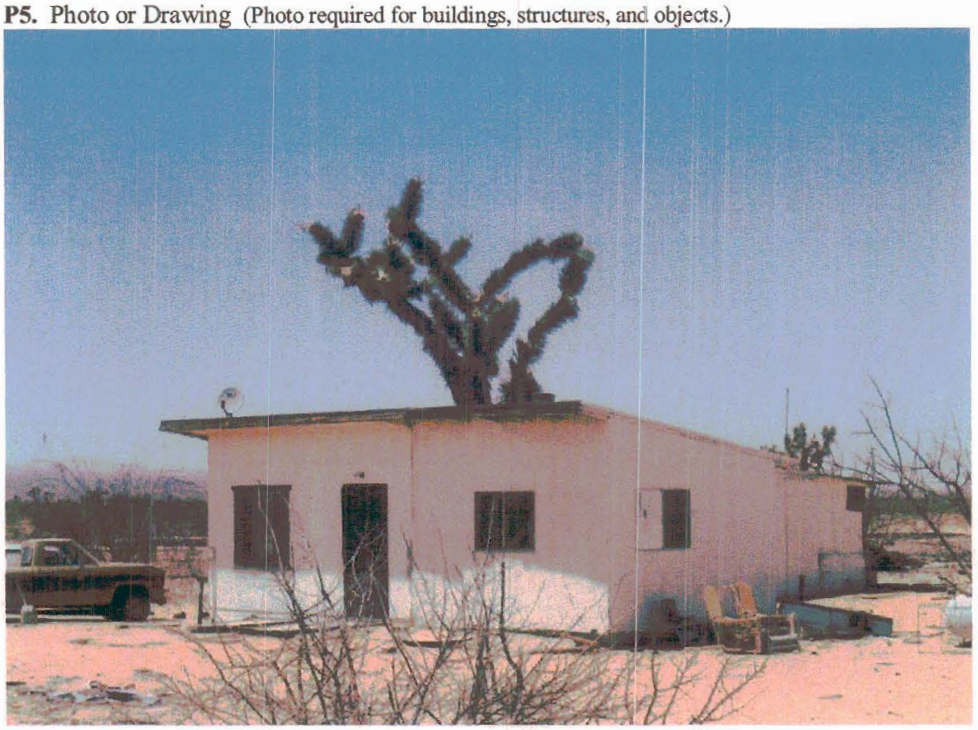
P1. Other Identifier:
***P2. Location:** ☐ Not for Publication ■ Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)
*b. USGS 7.5' Quad: Helendale Date: 1956/1993 T 60 N; R 50 W; SW¼ of SE¼ of Sec. 2; S.B. B.M.
c. Address: City: Zip:
d. UTM: (Give more than one for large and/or linear resources) Zone 11; E465777/N3832388
e. Other Locational Data (e.g., parcel #, directions to resource, elevation, etc., as appropriate):
APN 0406-242-18

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The property contains a dwelling, a pump house, and a large quantity of miscellaneous debris. The dwelling is a simple, small, modestly scaled, single-story rectangular block with rooms added on the rear. Maximum dimensions are approximately 20 by 30 feet. The foundation is slab-on-grade and the walls are wood frame, sheathed with a mix of composite wood siding, plywood, and stucco. The building has a shed roof with overhanging eaves. The front door is wood panel and the windows are aluminum sliding sash; three of the windows have 1x4 exterior casing. The pump house, southwest of the dwelling, is built of wood frame with plywood siding. The buildings are in poor to fair condition.

***P3b. Resource Attributes:** (List attributes and codes) HP2, single-family dwelling
P4. Resources Present: ■ Building ☐Structure ☐Object ☐ Site ☐ District ☐Element of District ☐ Other (Isolates, etc).

P5. Photo or Drawing (Photo required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) View of dwelling looking northwest, July 2007, accession # VV2-025

***P6. Date Constructed/Age and Sources:** ■ Historic ☐ Prehistoric ☐ Both
1950s

***P7. Owner and Address:**
City of Victorville

***P8. Recorded by:** (Name, affiliation, and address) Morgan Rieder, William Self Associates, Inc., 61D Avenida de Orinda, Orinda CA 94563

***P9. Date Recorded:** July 2007

***P10. Survey Type:** (Describe)
Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.")

***Attachments:** ☐NONE ■Location Map ☐Sketch Map ☐Continuation Sheet ■Building, Structure, and Object Record
☐Archaeological Record ☐District Record ☐Linear Resource Record ☐Milling Station Record ☐Rock Art Record
☐Artifact Record ☐Photograph Record ☐Other (List):

BUILDING, STRUCTURE, AND OBJECT RECORD

 ***NRHP Status Code:** 6Z

***Resource Name or #** (Assigned by recorder) Parcel # 0460-242-18

B1. Historic Name:
B2. Common Name:
B3. Original Use: residential B4. Present Use: residential
***B5. Architectural Style:**
***B6. Construction History:** (Construction date, alterations, and date of alterations)
The dwelling was originally built in the 1950s and subsequently expanded; the latest additions and the aluminum windows probably date to the 1970s.
***B7: Moved?** ■ **No** ☐ **Yes** ☐ **Unknown** **Date:** **Original Location:**
***B8. Related Features:** HP4, ancillary building (pump house)

B9a. Architect: none b. Builder: unknown
***B10. Significance: Theme** **Area**
Period of Significance **Property Type** **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographical scope. Also address integrity.)

This property, located on a terrace west of the Mojave River, is one of several in the immediate area that were acquired and occupied in the middle to late 1950s. The dwelling, which dates to that time, is in poor to fair condition and has been extensively altered.. It does not appear to be eligible for the National Register. Evaluated under National Register Criteria A and B, it is not associated with any significant events or persons in history; under Criterion C, it does not possess any architectural significance. It does not embody distinctive characteristics of a type, period, or method of construction, it does not represent the work of a master builder, nor do it possess high aesthetic value. Because of the lack of significance, integrity is not an issue.

This property has also been evaluated pursuant to Section 15064.5(a)(2)-(3) of the CEQA Guidelines, using the criteria outlined in Section 5024.1 of the California Public Resources Code. According to these criteria, for the same reasons as given above, the roperty is not a historic resource for the purposes of the CEQA.

B11. Additional Resource Attributes: (List attributes and codes) none

***B12. References:**

Sa Bernardino County records

(Sketch Map with north arrow required.)

B13. Remarks:

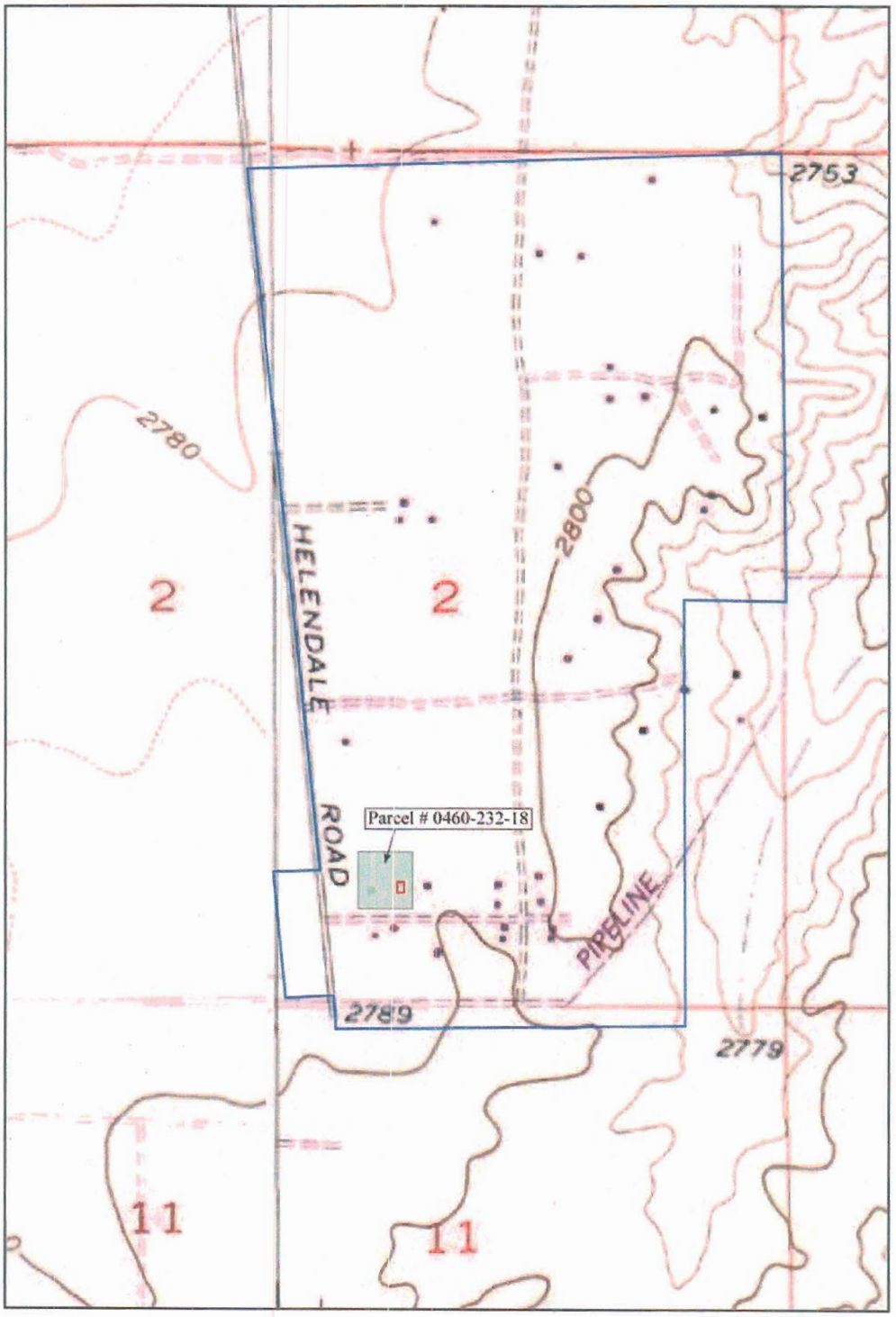
***B14. Evaluator**: Morgan Rieder
***Date of Evaluation**: July 2007

(This space reserved for official comments.)

State of California — The Resources Agency DEPARTMENT OF PARKS AND RECREATION **LOCATION MAP**	Primary # HRI # Trinomial #

Page 3 of 3
*Map Name:

*Resource Name or # (Assigned by recorder) Parcel # 0460-242-18
*Scale: 1:24,000 *Date of Map:



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Scale (in Miles)

DPR 523J (1/95)

*Required Information

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Z

Other Listings
Review code Reviewer Date

*Resource Name or #: (Assigned by recorder) Parcel # 0460-242-20

P1. Other Identifier:

***P2. Location:** ☐ Not for Publication ■ Unrestricted *a. County San Bernardino

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad: Helendale Date: 1956/1993 T 60 N; R 50 W; SW¼ of SE¼ of Sec. 2; S.B. B.M.

c. Address: City: Zip:

d. UTM: (Give more than one for large and/or linear resources) Zone 11; E465960/N3832354

e. Other Locational Data (e.g., parcel #, directions to resource, elevation, etc., as appropriate):
APN 0406-242-20

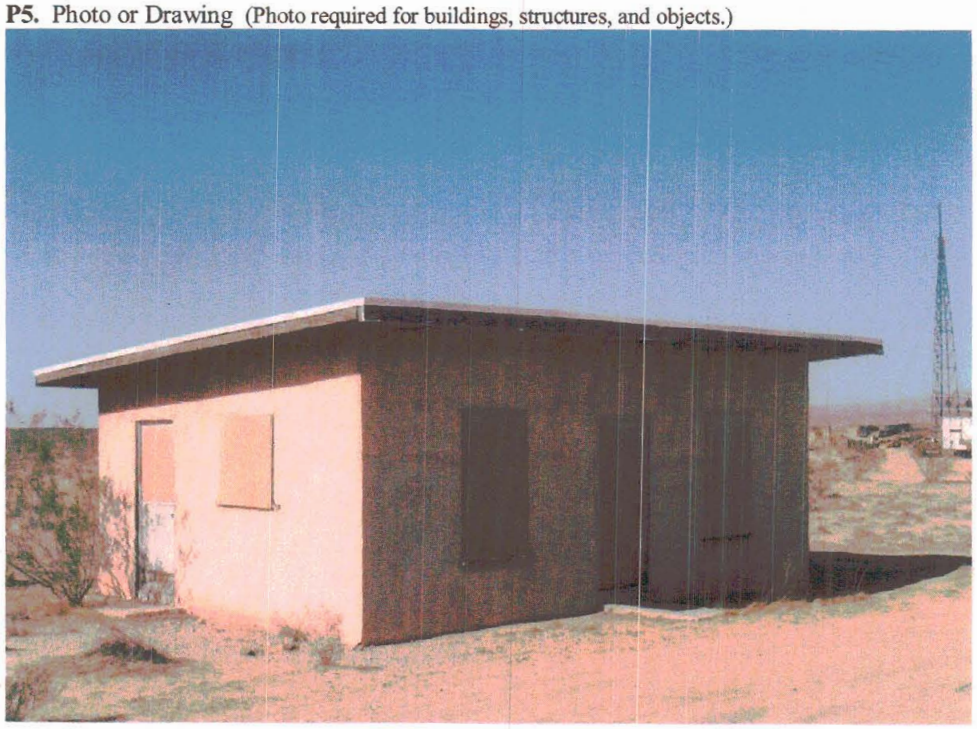
***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The property contains a dwelling and a privy. The dwelling is a simple, small, modestly scaled, single-story rectangular block measuring 16 by 20 feet. The foundation is slab-on-grade and the walls are wood frame, sheathed with stucco. The building has a shed roof with overhanging eaves; the roofing is asphalt roll. The doors are wood panel; the windows are not visible, having been boarded up. The privy, northwest of the dwelling, is also built of stuccoed wood frame. The dwelling is in fair condition; the privy is collapsing.

***P3b. Resource Attributes:** (List attributes and codes) HP2, single-family dwelling

***P4. Resources Present:** ■ Building ☐Structure ☐Object ☐ Site ☐ District ☐Element of District ☐ Other (Isolates, etc).

P5. Photo or Drawing (Photo required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) View of dwelling looking east-northeast, July 2007, accession # VV2-009

***P6. Date Constructed/Age and Sources:** ■ Historic ☐ Prehistoric ☐ Both
1950s

***P7. Owner and Address:**
City of Victorville

***P8. Recorded by:** (Name, affiliation, and address) Morgan Rieder, William Self Associates, Inc., 61D Avenida de Orinda, Orinda CA 94563

***P9. Date Recorded:** July 2007

***P10. Survey Type:** (Describe)
Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.")

***Attachments:** ☐NONE ■Location Map ☐Sketch Map ☐Continuation Sheet ■Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Resource Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☐Other (List):

BUILDING, STRUCTURE, AND OBJECT RECORD

 ***NRHP Status Code:** 6Z

***Resource Name or #** (Assigned by recorder) Parcel # 0460-242-20

B1. Historic Name:
B2. Common Name:
B3. Original Use: residential B4. Present Use: uninhabited
***B5. Architectural Style:**
***B6. Construction History:** (Construction date, alterations, and date of alterations)
The dwelling was built in the 1950s; no alterations are apparent.

***B7: Moved?** ■ **No** ☐ **Yes** ☐ **Unknown** **Date:** **Original Location:**
***B8. Related Features:** HP4, ancillary building (privy)

B9a. Architect: none b. Builder: unknown
***B10. Significance: Theme** **Area**
Period of Significance **Property Type** **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographical scope. Also address integrity.)

This property, located on a terrace west of the Mojave River, is one of several in the immediate area that were acquired and occupied in the middle to late 1950s. The dwelling on the property, which dates to that time, is in fair condition and as far as can be discerned has not been altered. It does not appear to be eligible for the National Register. Evaluated under National Register Criteria A and B, it is not associated with any significant events or persons in history; under Criterion C, it does not possess any architectural significance. It does not embody distinctive characteristics of a type, period, or method of construction, it does not represent the work of a master builder, nor do it possess high aesthetic value. Because of the lack of significance, integrity is not an issue.

This property has also been evaluated pursuant to Section 15064.5(a)(2)-(3) of the CEQA Guidelines, using the criteria outlined in Section 5024.1 of the California Public Resources Code. According to these criteria, for the same reasons as given above, the property is not a historic resource for the purposes of the CEQA.

B11. Additional Resource Attributes: (List attributes and codes) none

***B12. References:**

San Bernardino County records

(Sketch Map with north arrow required.)

B13. Remarks:

***B14. Evaluator**: Morgan Rieder
***Date of Evaluation**: July 2007

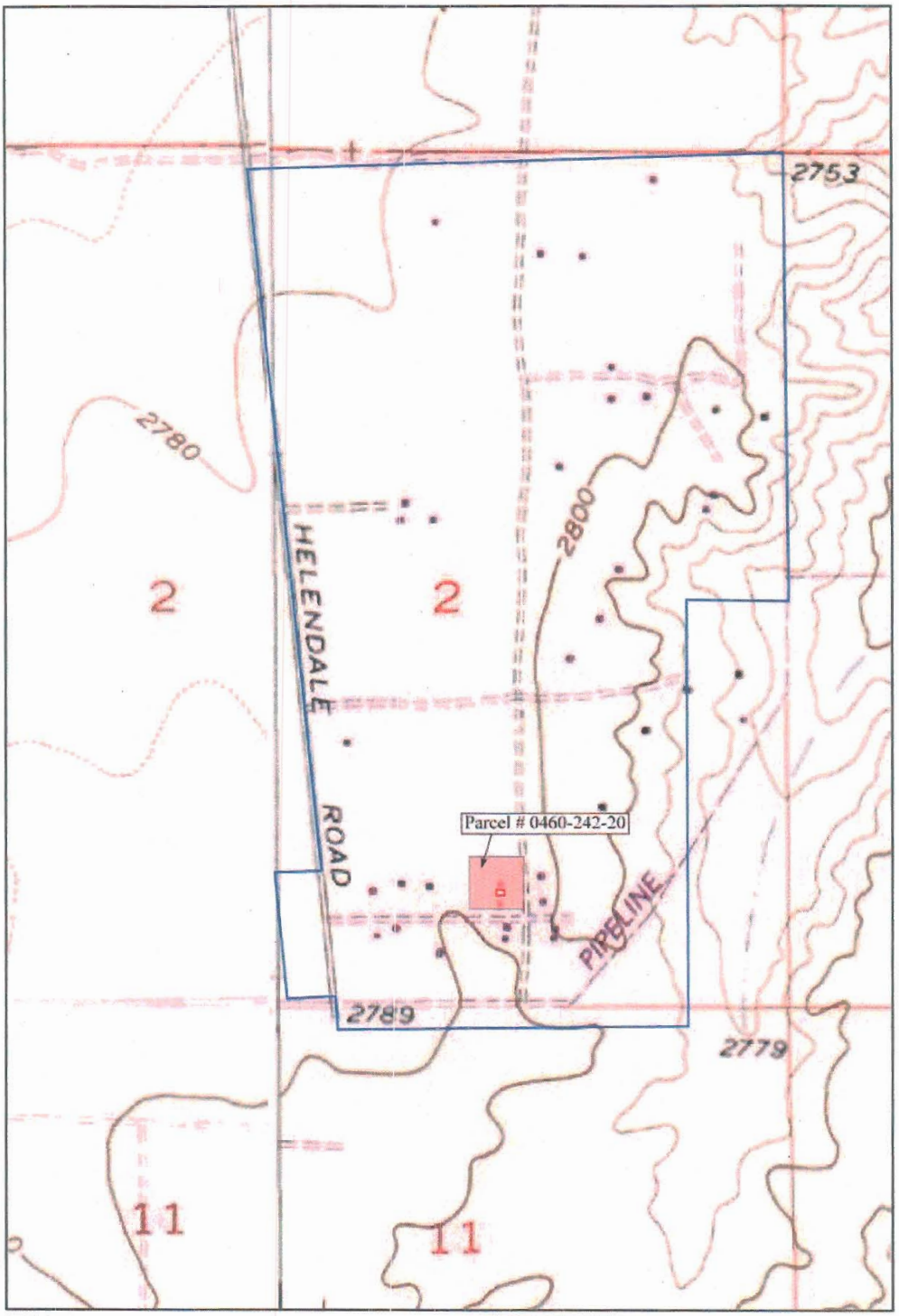
(This space reserved for official comments.)

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #
HRI #
Trinomial #

Page 3 of 3
*Map Name:

*Resource Name or # (Assigned by recorder) Parcel # 0460-242-20
*Scale: 1:24,000 *Date of Map:



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Scale (in Miles)

DPR 523J (1/95)

*Required Information

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Z

Other Listings
Review code Reviewer Date

 *Resource Name or #: (Assigned by recorder) Parcel # 0460-242-21

P1. Other Identifier:

***P2. Location:** ☐ Not for Publication ■ Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)
*b. USGS 7.5' Quad: Helendale Date: 1956/1993 T 60 N; R 50 W; SW¼ of SE¼ of Sec. 2; S.B. B.M.
c. Address: City: Zip:
d. UTM: (Give more than one for large and/or linear resources) Zone 11; E466045/N3832365
e. Other Locational Data (e.g., parcel #, directions to resource, elevation, etc., as appropriate):
APN 0406-242-21

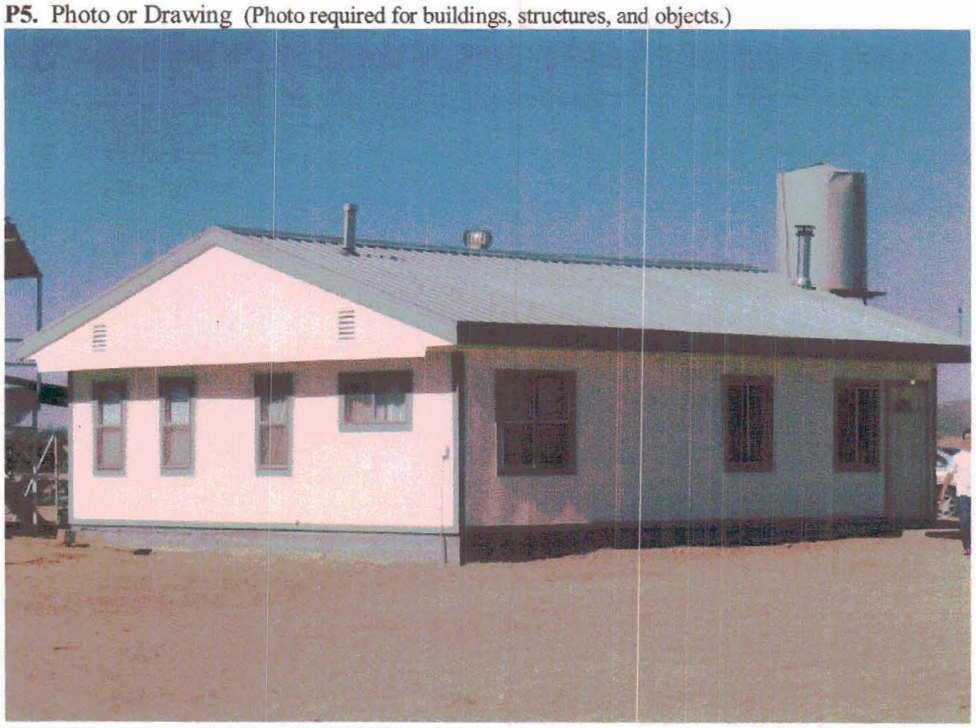
***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The property contains a dwelling, a garage, a well with pump and water tank, and a wind generator. The dwelling is a simple, relatively large but modestly scaled single story rectangular block measuring 30 by 30 feet. The foundation is slab-on-grade and the walls are wood frame, sheathed with composite wood siding. The building has a gabled roof with overhangs on all sides; the roofing is corrugated metal. The doors are wood panel; the windows are aluminum sliding sash. The garage, north of the dwelling, is of similar construction. The buildings are in good condition.

***P3b. Resource Attributes:** (List attributes and codes) HP2, single-family dwelling

P4. Resources Present: ■ Building ☐Structure ☐Object ☐ Site ☐ District ☐Element of District ☐ Other (Isolates, etc).

P5. Photo or Drawing (Photo required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) View of dwelling looking northeast, July 2007, accession # VV2-005

***P6. Date Constructed/Age and Sources:** ■ Historic ☐ Prehistoric ☐ Both
1950s

***P7. Owner and Address:**
City of Victorville

***P8. Recorded by:** (Name, affiliation, and address) Morgan Rieder, William Self Associates, Inc., 61D Avenida de Orinda, Orinda CA 94563

***P9. Date Recorded:** July 2007

***P10. Survey Type:** (Describe)
Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.")

***Attachments:** ☐NONE ■Location Map ☐Sketch Map ☐Continuation Sheet ■Building, Structure, and Object Record
☐Archaeological Record ☐District Record ☐Linear Resource Record ☐Milling Station Record ☐Rock Art Record
☐Artifact Record ☐Photograph Record ☐Other (List):

BUILDING, STRUCTURE, AND OBJECT RECORD

 ***NRHP Status Code:** 6Z

***Resource Name or #** (Assigned by recorder) Parcel # 0460-242-21

B1. Historic Name:
B2. Common Name:
B3. Original Use: residential B4. Present Use: residential
***B5. Architectural Style:**
***B6. Construction History:** (Construction date, alterations, and date of alterations)
The dwelling was originally built in the 1950s and has recently been entirely remodeled.

***B7: Moved?** ■ **No** ☐ **Yes** ☐ **Unknown** **Date:** **Original Location:**
***B8. Related Features:** HP4, ancillary building (garage)

B9a. Architect: none b. Builder: unknown
***B10. Significance: Theme** **Area**
Period of Significance **Property Type** **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographical scope. Also address integrity.)

This property, located on a terrace west of the Mojave River, is one of several in the immediate area that were acquired and occupied in the middle to late 1950s. The dwelling, which dates to that time, is in good condition and has been extensively altered. It does not appear to be eligible for the National Register. Evaluated under National Register Criteria A and B, it is not associated with any significant events or persons in history; under Criterion C, it does not possess any architectural significance. It does not embody distinctive characteristics of a type, period, or method of construction, it does not represent the work of a master builder, nor do it possess high aesthetic value. Because of the lack of significance, integrity is not an issue.

This property has also been evaluated pursuant to Section 15064.5(a)(2)-(3) of the CEQA Guidelines, using the criteria outlined in Section 5024.1 of the California Public Resources Code. According to these criteria, for the same reasons as given above, the property is not a historic resource for the purposes of the CEQA.

B11. Additional Resource Attributes: (List attributes and codes) none

***B12. References:**

San Bernardino County records

(Sketch Map with north arrow required.)

B13. Remarks:

***B14. Evaluator**: Morgan Rieder
***Date of Evaluation**: July 2007

(This space reserved for official comments.)

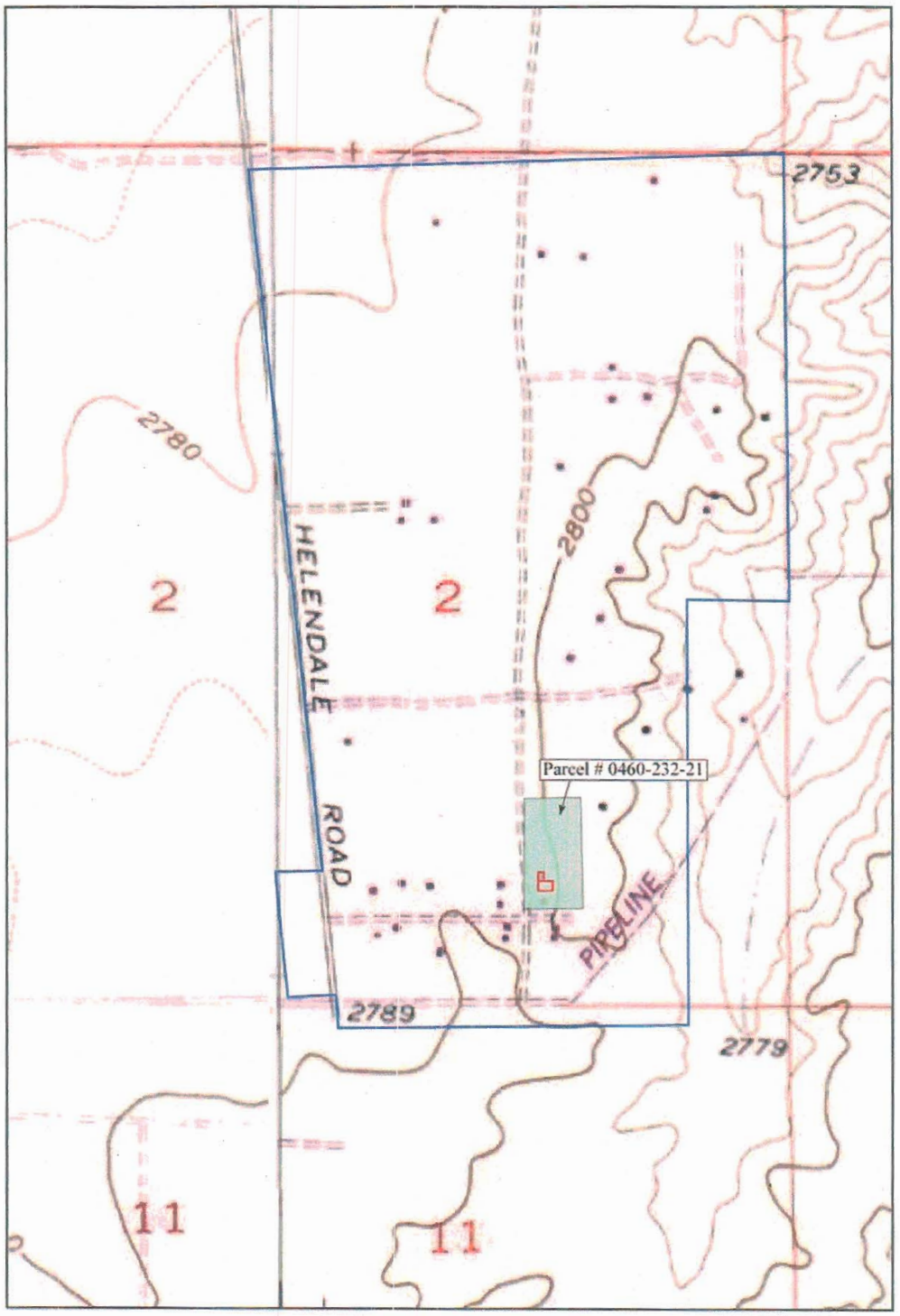
State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary #
HRI #
Trinomial #

Page 3 of 3
*Map Name:

*Resource Name or # (Assigned by recorder) Parcel # 0460-242-21
*Scale: 1:24,000 *Date of Map:



0 0.5
Scale (in Miles)

DPR 523J (1/95)

*Required Information

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Z

Other Listings
Review code Reviewer Date

 *Resource Name or #: (Assigned by recorder) Parcel # 0460-242-25

P1. Other Identifier:

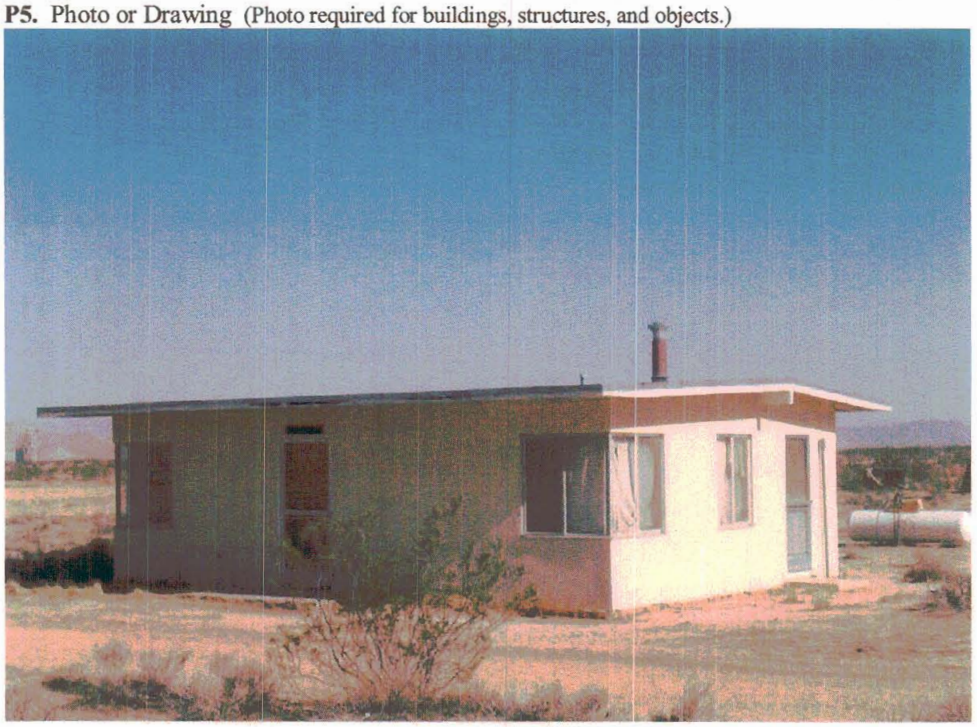
***P2. Location:** ☐ Not for Publication ■ Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)
*b. USGS 7.5' Quad: Helendale Date: 1956/1993 T 60 N; R 50 W; SW¼ of SE¼ of Sec. 2; S.B. B.M.
c. Address: City: Zip:
d. UTM: (Give more than one for large and/or linear resources) Zone 11; E465980/N3832300
e. Other Locational Data (e.g., parcel #, directions to resource, elevation, etc., as appropriate):
APN

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The property contains a dwelling and a pump house. The dwelling is a simple, small, modestly scaled, single-story rectangular block measuring 21 by 25 feet. The foundation is slab-on-grade and the walls are wood frame, sheathed with stucco. The building has a low-pitched gabled roof with overhanging eaves; the roofing is asphalt roll. The front door is flush wood hollow-core and the side door is wood panel. The windows are aluminum casement sash; three are corner windows. The pump house, southwest of the dwelling, is of similar construction except that it is sheathed with asphalt shingles. The buildings are in fair condition.

***P3b. Resource Attributes:** (List attributes and codes) HP2, single-family dwelling
***P4. Resources Present:** ■ Building ☐Structure ☐Object ☐ Site ☐ District ☐Element of District ☐ Other (Isolates, etc).

P5. Photo or Drawing (Photo required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) View of dwelling looking east-southeast, July 2007, accession # VV2-006

***P6. Date Constructed/Age and Sources:** ■ Historic ☐ Prehistoric ☐ Both
1950s

***P7. Owner and Address:**
City of Victorville

***P8. Recorded by:** (Name, affiliation, and address) Morgan Rieder, William Self Associates, Inc., 61D Avenida de Orinda, Orinda CA 94563

***P9. Date Recorded:** July 2007

***P10. Survey Type:** (Describe)
Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.")

***Attachments:** ☐NONE ■Location Map ☐Sketch Map ☐Continuation Sheet ■Building, Structure, and Object Record
☐Archaeological Record ☐District Record ☐Linear Resource Record ☐Milling Station Record ☐Rock Art Record
☐Artifact Record ☐Photograph Record ☐Other (List):

BUILDING, STRUCTURE, AND OBJECT RECORD

 ***NRHP Status Code:** 6Z

***Resource Name or #** (Assigned by recorder) Parcel # 0460-242-25

B1. Historic Name:
B2. Common Name:
B3. Original Use: residential B4. Present Use: residential
***B5. Architectural Style:**
***B6. Construction History:** (Construction date, alterations, and date of alterations)
The dwelling was built in the 1950s; no alterations are apparent.

***B7: Moved?** ■ **No** ☐ **Yes** ☐ **Unknown** **Date:** **Original Location:**
***B8. Related Features:** HP4, ancillary building (pump house)

B9a. Architect: none b. Builder: unknown
***B10. Significance: Theme** **Area**
Period of Significance **Property Type** **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographical scope. Also address integrity.)

This property, located on a terrace west of the Mojave River, is one of several in the immediate area that were acquired and occupied in the middle to late 1950s. The dwelling on the property, which dates to that time, is in fair condition and has not been altered. It does not appear to be eligible for the National Register. Evaluated under National Register Criteria A and B, it is not associated with any significant events or persons in history; under Criterion C, it does not possess any architectural significance. It does not embody distinctive characteristics of a type, period, or method of construction, it does not represent the work of a master builder, nor do it possess high aesthetic value. Because of the lack of significance, integrity is not an issue.

This property has also been evaluated pursuant to Section 15064.5(a)(2)-(3) of the CEQA Guidelines, using the criteria outlined in Section 5024.1 of the California Public Resources Code. According to these criteria, for the same reasons as given above, the property is not a historic resource for the purposes of the CEQA.

B11. Additional Resource Attributes: (List attributes and codes) none

***B12. References:**

San Bernardino County records

(Sketch Map with north arrow required.)

B13. Remarks:

***B14. Evaluator**: Morgan Rieder
***Date of Evaluation**: July 2007

(This space reserved for official comments.)

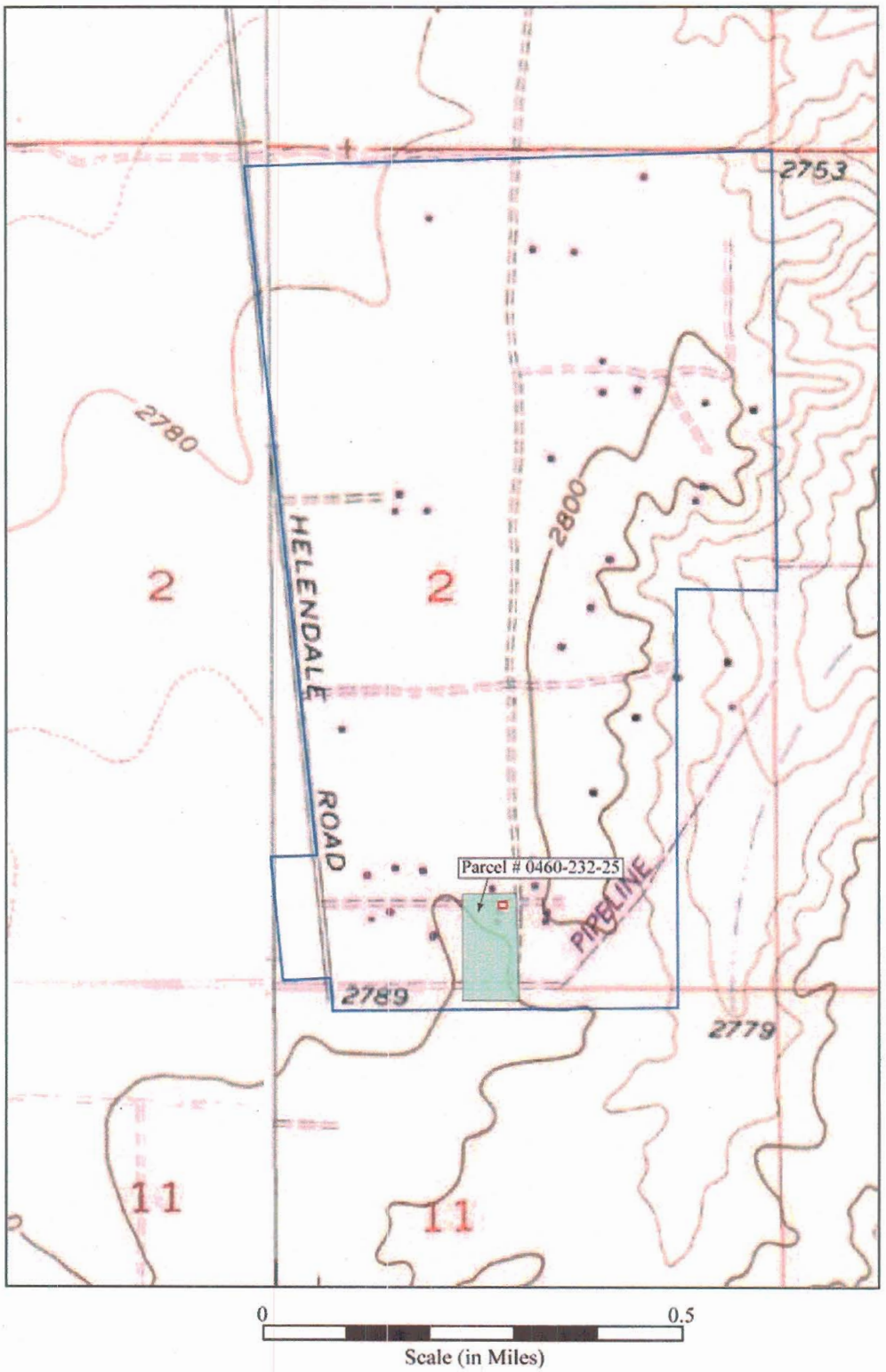
State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary #
HRI #
Trinomial #

Page 3 of 3
*Map Name:

*Resource Name or # (Assigned by recorder) Parcel # 0460-242-25
*Scale: 1:24,000 *Date of Map:



DPR 523J (1/95)

*Required Information

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Z

Other Listings
Review code Reviewer Date

 *Resource Name or #: (Assigned by recorder) Parcel # 0460-242-26

P1. Other Identifier:

***P2. Location:** ☐ Not for Publication ■ Unrestricted *a. County San Bernardino

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad: Helendale Date: 1956/1993 T 60 N; R 50 W; SW¼ of SE¼ of Sec. 2; S.B. B.M.

c. Address: City: Zip:

d. UTM: (Give more than one for large and/or linear resources) Zone 11; E465847/N3932241

e. Other Locational Data (e.g., parcel #, directions to resource, elevation, etc., as appropriate):
APN 0406-242-26

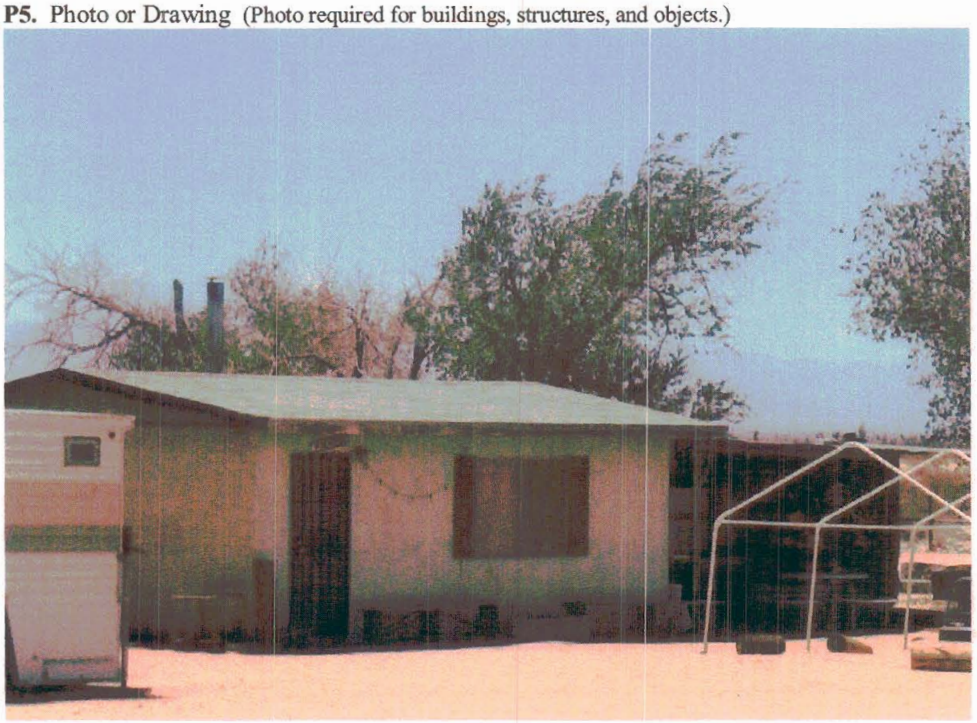
***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The property contains a dwelling, a pump house, and three sheds. The dwelling is a simple, small, modestly scaled. single-story rectangular block measuring 18 by 22 feet. The foundation is slab-on-grade and the walls are wood frame, sheathed with stucco. The building has a gabled roof with overhanging eaves; the roofing is asphalt shingle The front door is flush wood hollow-core; the windows are aluminum sliding sash. On the west side of the dwelling is a porch, partially enclosed with corrugated metal. The pump house, south of the dwelling, is built of concrete block. The sheds are built of wood frame, sheathed with plywood, stucco, and corrugated metal. The buildings are in fair condition.

***P3b. Resource Attributes:** (List attributes and codes) HP2, single-family dwelling

***P4. Resources Present:** ■ Building ☐Structure ☐Object ☐ Site ☐ District ☐Element of District ☐ Other (Isolates, etc).

P5. Photo or Drawing (Photo required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) View of dwelling looking southwest, July 2007 accession # VV2-020

***P6. Date Constructed/Age and Sources:** ■ Historic ☐ Prehistoric ☐ Both
1950s
County Assessor's Office

***P7. Owner and Address:**
City of Victorville

***P8. Recorded by:** (Name, affiliation, and address) Morgan Rieder, William Self Associates, Inc., 61D Avenida de Orinda, Orinda CA 94563

***P9. Date Recorded:** July 2007

***P10. Survey Type:** (Describe) Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.")

***Attachments:** ☐NONE ■Location Map ☐Sketch Map ☐Continuation Sheet ■Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Resource Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☐Other (List):

BUILDING, STRUCTURE, AND OBJECT RECORD

 ***NRHP Status Code:** 6Z

***Resource Name or #** (Assigned by recorder) Parcel # 0460-242-26

B1. Historic Name:
B2. Common Name:
B3. Original Use: residential B4. Present Use: residential
***B5. Architectural Style:**
***B6. Construction History:** (Construction date, alterations, and date of alterations)
The dwelling was built in the 1950s; the porch appears to have added later. The aluminum windows were probably installed in the 1970s.
***B7: Moved? ■ No ☐ Yes ☐ Unknown Date: Original Location:**
***B8. Related Features:** HP4, ancillary buildings (pump house and three sheds)

B9a. Architect: none b. Builder: unknown
***B10. Significance: Theme Area**
Period of Significance Property Type Applicable Criteria
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographical scope. Also address integrity.)

This property, located on a terrace west of the Mojave River, is one of several in the immediate area that were acquired and occupied in the middle to late 1950s. The dwelling on the property, which dates to that time, is in fair condition and has been altered. It does not appear to be eligible for the National Register. Evaluated under National Register Criteria A and B, it is not associated with any significant events or persons in history; under Criterion C, it does not possess any architectural significance. It does not embody distinctive characteristics of a type, period, or method of construction, it does not represent the work of a master builder, nor do it possess high aesthetic value. Because of the lack of significance, integrity is not an issue.

This property has also been evaluated pursuant to Section 15064.5(a)(2)-(3) of the CEQA Guidelines, using the criteria outlined in Section 5024.1 of the California Public Resources Code. According to these criteria, for the same reasons as given above, the property is not a historic resource for the purposes of the CEQA.

B11. Additional Resource Attributes: (List attributes and codes) none

***B12. References:**

San Bernardino County records

(Sketch Map with north arrow required.)

B13. Remarks:

***B14. Evaluator**: Morgan Rieder
***Date of Evaluation**: July 2007

(This space reserved for official comments.)

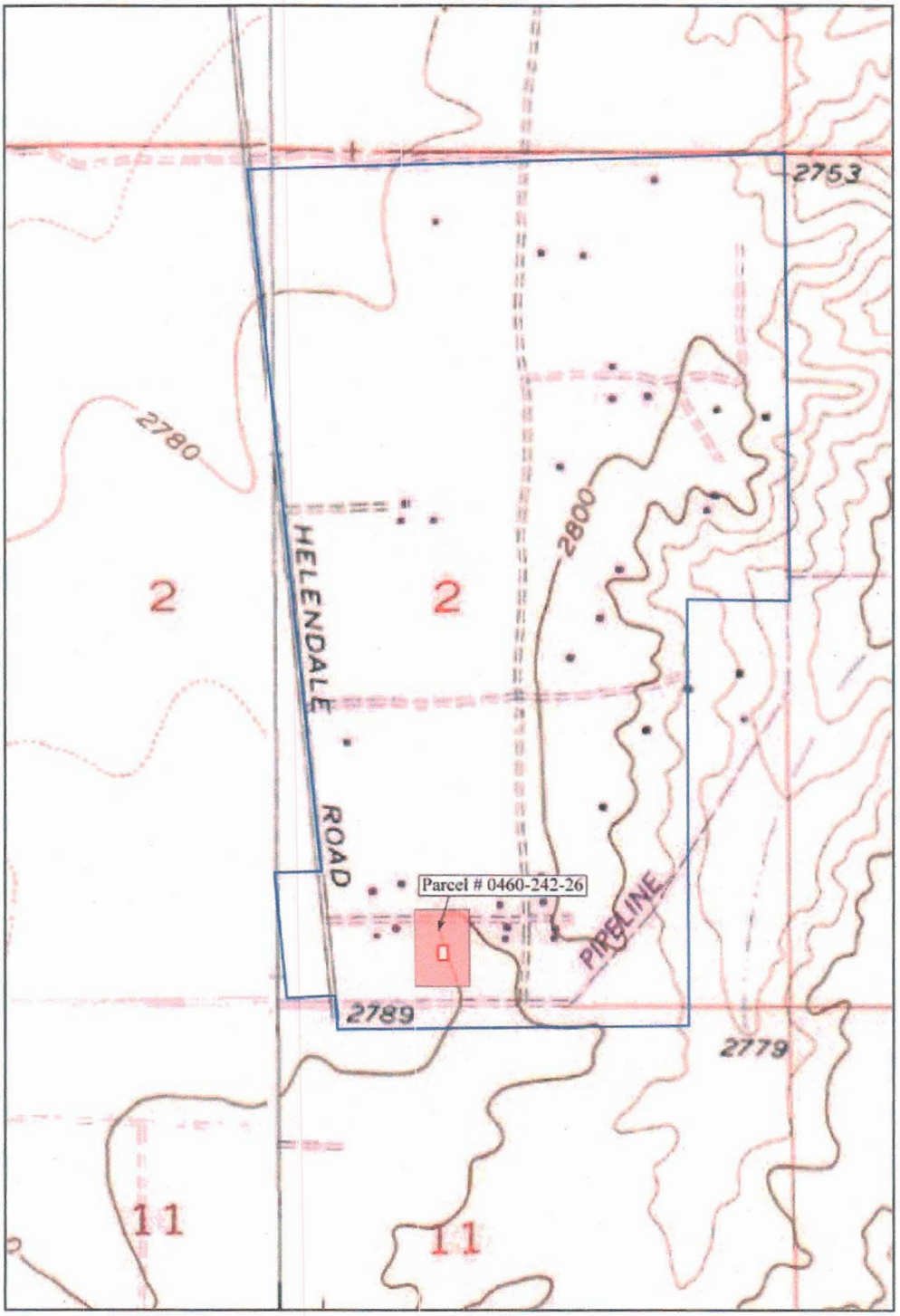
State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary #
HRI #
Trinomial #

Page 3 of 3
*Map Name:

*Resource Name or # (Assigned by recorder) Parcel # 0460-242-26
*Scale: 1:24,000 *Date of Map:



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Scale (in Miles)

DPR 523J (1/95)

*Required Information

Attachment DR32-1

Response to Data Request 32-1 (a):
Technological and Engineering Innovations of the Victor-Aqueduct Transmission Line

Response to Data Request 32-1 (b):
Recommendations of Significance, Integrity, and Impacts

WSA

Historic Context and Significance Assessment of the Southern Sierra Power Company's Control-San Bernardino 140-kV line

DR 32 requests that an architectural historian, who meets the Secretary of the Interior's standards for architectural history, prepare a discussion of the history of the Southern Sierra Power Company's Control-San Bernardino 140-kV line, with an emphasis on the Victor-Aqueduct-Phelan 115-kV portion including the following:

a) A discussion of the technological and engineering innovations (if any) of the line and any association with persons or developments important in state or local history;
b) A recommendation of the period of significance, an evaluation of the integrity of the resource, and the impact on that integrity of the alterations proposed by the Victorville 2 project; and
c) A copy of the architectural historian's resume.

The response to DR 32 (c) was provided as part of the Applicant's confidential response to DR 29 (c), which was submitted on July 23, 2007. The preliminary responses to DR 32 (a) and DR 32 (b) are provided below.

As part of the confidential response to DR 32 that was submitted on July 23, 2007, the Applicant indicated that Southern California Edison (SCE) had been contacted with a request for background information on the history of the Southern Sierra Power Company's Control-San Bernardino 140-kV line and the Victor-Aqueduct-Phelan 115-kV line, but at the time of the submittal, SCE had not responded. In the absence of that information, the Applicant recommended that the portion of the line in the Project area appeared to lack integrity of location, setting, materials, and feeling, and that it had minimal potential for addressing those historic themes related to commerce and industry that the remaining intact portions of the line would be better able to address.

Subsequent to that response, Mr. Thomas Taylor, SCE's Manager of Biological & Archaeological Resources provided the following information about the Victor-Aqueduct line in an email to Dr. James M. Allan of WSA on September 19, 2007:

> "Approximately 7 miles of Southern California Edison's (SCE) existing Victor-Aqueduct 115 kV T/L will be removed and reconstructed in 230 kV transmission line in order to provide SCE system interconnection to the Victorville 2 Generation Project. The present Victor-Aqueduct line is a section of the National Register of Historic Places (NRHP) eligible Southern Sierras Power Company (SSPC) Boulder Line constructed in 1930-31 from San Bernardino, California to Boulder, Nevada to provide

> power for the construction of Hoover Dam. The section of this line between Victor Substation and Aqueduct exhibits good original integrity, meaning the vast majority of the transmission line tower structures are original. As a result, it is my opinion that this portion of the line would be deemed to contribute to the SSPC Boulder Line Historic District."

In view of the fact that SCE considers the Victor-Aqueduct line a contributing element to the NRHP-eligible historic district, Mr. Taylor suggested that provisions of a Programmatic Agreement (PA) recently negotiated between SCE, the Sierra National Forest and the California State Historic Preservation Officer (SHPO) with regard to management of SCE's NRHP eligible transmission lines could serve as a template for responding to the CEC's DR 32.

The PA, which was prepared for transmission lines associated with SCE's Big Creek Hydroelectric Project, stipulates to preparation of a Historic Properties Management Plan (HPMP), an element of which pertains to the evaluation/treatment of historic lattice steel transmission lines. This element of the Big Creek PA is considered precedent-setting and transferable to similar situations, such as that associated with the Victor-Aqueduct line rebuild.

In his September 19 email to Dr. Allan, Mr. Taylor also states:

> "The basics of the plan are that the level of original integrity of the affected section of the transmission line should be assessed to determine if it contributes to the historic district, and if it does contribute, the project effects shall be mitigated by application of a treatment plan, the centerpiece of which is preparation of a Historic American Engineering Record (HAER) documenting in detail the affected lattice-steel tower types, and the historic setting of the affected transmission line segment."

The relevant section of the Big Creek Hydroelectric Project HPMP is attached to this response.

SCE's judgment is that the Victor-Aqueduct line retains its original integrity, that the line is a contributing element to the historic district and that the existing PA is transferable to other projects. Thus, the VV2 Project Applicant recommends that the CEC adapt the pertinent provisions of this PA as a basis for mitigating the adverse effects to the Victor-Aqueduct transmission line that will result from the removal of the existing historic towers within the VV2 Project area.

Specifically, the Applicant recommends that the Project's Architectural Historian prepare a Historic American Engineering Record (HAER) to document in detail

the affected lattice-steel tower types, and the historic setting of the affected transmission line, as stipulated in the attached section of the HPMP.

The VV2 Project Applicant assumes that the process of preparing an accepted HAER for the affected towers will take between 6 and 12 months. Consequently, timely consultation with the CEC regarding the appropriateness of adopting the pertinent elements of the PA is critical. If this recommended approach is accepted by the CEC, SCE has requested that, along with the CEC and NPS, they be allowed to approve the draft HAER prior to final submission to NPS.

WSA

Excerpt from Programmatic Agreement with the California State Historic Preservation Officer with regard to management of SCE's NRHP eligible Big Creek Hydroelectric Project Transmission Lines.

(Provided by SCE)

(From Hydro Sep. Draft HPMP ver. 04-09-07)
Resolving Adverse Effects to Historic Transmission Lines in the Easement

The Programmatic Agreement documents the Advisory Council's concurrence that the Big Creek transmission lines retain historical integrity and that certain types of modifications to transmission lines do not diminish their historical integrity if,

(a) transmission towers are original construction or substantially retain their original fabric, look, and feel;
(b) all post-period-of-significance modifications are in-kind and retain original design integrity, for example original porcelain insulators have been replaced with porcelain insulators (i.e., the presence of porcelain insulators is sufficient for integrity to be maintained) or aluminum-steel conductors are replaced by similarly manufactured conductors that are approximately the same diameter and appearance of the original wires; or,
(c) modifications such as retro-installed concrete tower footings have been installed to ensure original tower stability and meet safety requirements.

To be an adverse effect an undertaking would have to cause changes to transmission lines that exceed the threshold established by the criteria above. Such adverse changes (whether such change is done incrementally or all at once) would entail any substantial alteration to the historic design or fabric of the towers; moving towers from their present location; or, substantially altering their setting, feeling, or association. Any such changes resulting in an adverse effect would affect the segment of the transmission line along which such change occurred, and would have to be of such magnitude that the change diminishes the integrity of the entire segment.

Integrity of Transmission Lines

The following guidelines will be used to measure change in the integrity of the transmission lines and for use in determining if such changes would be considered adverse. These guidelines consider each of the elements of integrity that contribute to the National Register significance of transmission lines.

Location—Because the Big Creek transmission system is comprised almost entirely of towers situated in their original locations, the dislocation of one or more towers would diminish the historical integrity of the segment along which a tower is located. There may be circumstances under which moving a tower cannot be avoided, such as when towers are undermined by erosion, or dislocated by landslides. It is foreseeable, too, that towers might be relocated to accommodate construction of other structures or facilities, such as roads and highways, residential or commercial property developments, or to address safety concerns. Whatever the reason for removing a tower from its original location, such removal is considered an adverse effect.

Design—The original steel lattice towers are the most conspicuous elements of the transmission system features and substantially retain their original design and fabric. Repair and in-kind replacement of parts of these features does not necessarily diminish their historic integrity. Replacement of a tower or significant alteration of it would constitute an adverse effect if (1) the tower were replaced with one of a design different from the original Big Creek design for a standard or anchor tower; or (2) if an original tower were altered such that it no longer retained substantially the appearance of an original tower (for example, the cross-arms were replaced with cross-arms of a different design, or a tower were raised by inserting a lattice-steel segment of a different geometric design). Adding communications devices, grounding wires, vibration dampeners, or other similar devices would not constitute an adverse effect as long as whatever is added could be removed later without causing damage or significant permanent alteration to the original structure.

Setting—Alteration of the setting of the transmission lines is, over most of their distance, not caused by actions of SCE. Population growth and suburban and urban development that alters the rural landscape along most of the routes is not something that can be controlled by SCE. The setting of the transmission lines could be most directly and adversely affected if SCE or another utility were to construct a new transmission line adjacent to the existing Big Creek 1 & 2 lines. The Big Creek 3-Springville-Magunden-Antelope-Vincent-Eagle Rock transmission lines are already paralleled by the Big Creek 4 transmission lines built after the period of significance of the BCHSHD. The Big Creek 4 lines are, however, identical in design, materials, and workmanship to the Big Creek 3 lines. This perhaps contributes to a false sense of historical setting, but does not jarringly detract from the sense of setting, feeling or association of the Big Creek 3 lines. Thus, the integrity of setting of the Big Creek 3 lines is compromised but not to the point of being lost entirely. Constructed ca. 1951, the NRHP eligibility of the Big Creek 4 lines could be evaluated either independently or in the context of reconsidering the earlier evaluation of the BCHSHD. Construction of a new transmission line of a design different from the historic design of the original Big Creek lines and within the viewshed of any of the BCHSHD lines would be an adverse effect.

Materials—The original steel lattice towers mostly retain their historic materials. Some repairs have doubtless been made, and repairs will occur in future, but those made with in-kind materials do not affect the historic integrity of the towers. Repairs made using other than in-kind materials, and not consistent with the original design of a tower is considered an adverse effect. Replacing conductors and insulators, as noted previously, is not considered an adverse effect as long as the materials used are in-kind and substantially mimic the original materials used.

Workmanship—The elements of the transmission system are, generally speaking, uniformly made according to a fixed design appropriate for the function

of each type of tower. Thus, there are no artistic or idiosyncratic elements of workmanship that merit preservation. The manner of construction bears preservation, however, such that repairs made on towers, to the extent feasible and safe, should be made in the original manner, using nuts and bolts as opposed to welding or using other types of fasteners, for example. Conspicuous alteration of the appearance of a tower resulting from workmanship not consistent with the original materials and methods of tower assembly would be considered an adverse effect.

Feeling and association—Along the transmission line corridor one does retain a historical sense of feeling and association. Avoiding adverse effects in the other categories of historic integrity will maintain the sense of feeling and association for the transmission lines.

Treatment of Adverse Effects to Transmission Lines

The most likely events resulting in adverse effects to the Big Creek transmission lines will involve the substantial alteration or removal of historic towers. Whether towers are modified or replaced on an individual or collective basis, the net effect is the same: the historic Big Creek transmission system will be altered to the point that its historic integrity will be compromised and avoidance of such efforts is not realistic.

The original Big Creek transmission system has essentially three structural elements: steel lattice towers (of two types—standard and anchor); conductors (which are regularly repaired or replaced as necessary); and insulators (which are regularly repaired or replaced as necessary). It is the towers, then, that comprise what is left of the original historic fabric of the transmission system and it is these that should be the focus of any mitigation of adverse effects. *The Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation*, *The Secretary of the Interior's Standards for Architectural and Engineering Documentation* (Federal Register 68:43159–43162), and *The Secretary of the Interior's Standards for the Treatment of Historic Properties* (36 CFR 68) provide the regulatory basis and guidance for designing a treatment of the adverse effects to the BCHSHD transmission system. According to the regulations and guidance cited, appropriate treatment measures are development of a historic context for the transmission system, and documentation of the towers that will be adversely affected.

The historic context of the Big Creek Hydroelectric System has been prepared in numerous reports, including all those cited herein. Additional historic photo and engineering documentation exists in Edison archives and in the Huntington Library. Edison has committed to sponsor preparation of a formal nomination of the BCHSHD to the National Register as part of its relicensing of FERC Projects 67, 120, 2085 and 2175. Documentation of towers would be as defined in *The Secretary of the Interior's Standards for Architectural and Engineering Documentation* (Federal Register 68:43159–43162). Documentation

of transmission towers will quickly become redundant, given that there are only two types of towers that were constructed and these were constructed according to a consistent design. Edison will confirm that this is the case and will document all tower structure types. A Level II HABS/HAER/HALS documentation of one example of each tower type will suffice.

The treatment plan will have two parts. The first is a single overview of the Big Creek 1 & 2-Rector-Magunden-Eagle Rock, and Big Creek 3-Springville-Magunden-Antelope-Vincent-Eagle Rock transmission lines, coupled with a detailed description of the two types of original Big Creek towers consisting of text, historic and modern photographic images, and engineering renderings prepared to HABS/HAER/HALS standards if needed. The second is a series of contextual documentation to HABS/HAER/HAL standards of each transmission line segment prepared at the time when that line segment is threatened by significant loss of integrity. Transmission line segments are defined by geographic expanses that from a land use or visual perspective appear homogenous, or are divided by extant substations. The overview will be cited in each segment record and not repeated.

Response to Data Request 33-1 (a):
DPR 523 Forms for the Victor Substation

Response to Data Request 33-1 (b):
Architectural Historian's Assessment of the Victor Substation

WSA

Victorville 2 Hybrid Power Project:
Architectural Assessment and Evaluation of
Southern California Edison's (SCE) Victor Substation

CEC DR 33 requested the applicant to determine if either or both the Lugo Substation and the Victor Substation are 45 years of age or older and if they are, to provide the following as prepared by an architectural historian who meets the Secretary of the Interior's standards for architectural history:

a. Prepare and provide copies of DPR 523 "Primary" and "Building, Structure, and Object" detail forms for the substation(s), including an evaluation of significance;
b. An assessment of the project's potential impact on the two substations; and
c. A copy of the architectural historian's resume.

The response to DR 33 (c) was provided in the applicant's confidential response submitted on July 23, 2007. The responses to DR 33 (a) and DR 33 (b) are provided below.

The Victor Substation is located within the City of Victorville. The substation contains two buildings, the test office and the transmission office. The latter is a recent (less than 45-year-old) prefabricated steel building. The test office is a rectilinear block of monolithic reinforced concrete construction, i.e., the walls are integral with the roof slab (Photograph 1). The building measures approximately 40 by 60 feet and is 18 feet high. At the top of the walls is a fascia and a distinctive broad cyma recta molding. The windows are industrial-type steel casement sash and the doors are paneled steel.

This substation is a component of the Northern System of Path 46, a set of high-voltage electrical transmission lines that deliver 10,100 megawatts to southern California's population centers (Photograph 2). The substation was built by and is owned and operated by SCE, a company whose history dates to the mid-1890s, by which time the population of Los Angeles had reached 100,000. The West Side Lighting Company, established in 1896, acquired the franchise to operate the city's electrical system. The following year, West Side merged with Los Angeles Edison to form the Edison Electric Company of Los Angeles. By 1909, the company—then serving 600,000 people in five counties—changed its name to Southern California Edison (SCE).

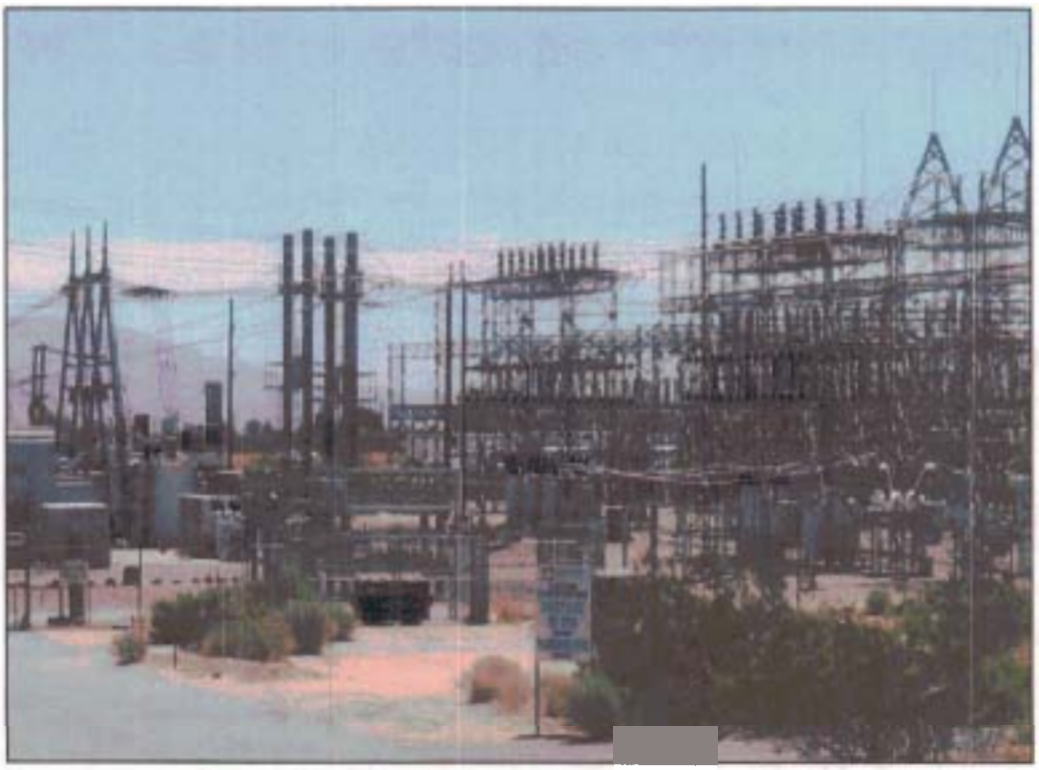
Over the following decades, as Los Angeles and southern California continued to grow, SCE built and expanded hydroelectric plants, transmission lines, and substations to provide power to the burgeoning population. The test office of the Victor Substation is an extant example of 1920s substation architecture. Alterations to the exterior have been minimal. This is a simple and utilitarian but classically proportioned building that has retained its historic integrity. Because of its association with the early development of the region's energy infrastructure, the building appears to be eligible for the National Register of Historic Places (NRHP) under Criterion A. As a rare surviving example of a distinctive building type, it also appears to be

eligible for the NRHP under Criterion C. Accordingly; WSA recommends that the test office be considered a historic resource for the purposes of CEQA.

As discussed in the response to CEC Staff Data Request 33-1(b), the VV2 Project's impact to the Victor substation will be limited to the addition of two 230-kV circuit breakers and associated equipment for interconnection of the transmission line from the VV2 Project power generating facility, and the addition of 230-kV circuit breakers and associated equipment for the new 230-kV line that is part of the VV2 Project that extends between the Victor substation and the existing SCE Lugo substation farther to the south . These additions to the substation would have minimal impact on the substation's historic integrity and consequently would have no effect on the potential historic significance of the test office.

Photographs

Photograph 1. Test Office, Victorville Substation; view looking east-southeast.



Photograph 2. Victorville Substation; view looking east-southeast.

DPR 523 Forms

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 3S

Other Listings
Review code Reviewer Date

 *Resource Name or #: (Assigned by recorder) Victor Substation

P1. Other Identifier:
*P2. Location: ☐ Not for Publication ■ Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)
*b. USGS 7.5' Quad: Adelanto Date: 1956/1993 T 50 N; R 50 W; NW¼ of SE¼ of Sec. 22; S.B. B.M.
c. Address: 12601 Palmdale Road City: Victorville Zip: 92395
d. UTM: (Give more than one for large and/or linear resources) Zone 11; E464341/N3818237
e. Other Locational Data (e.g., parcel #, directions to resource, elevation, etc., as appropriate):

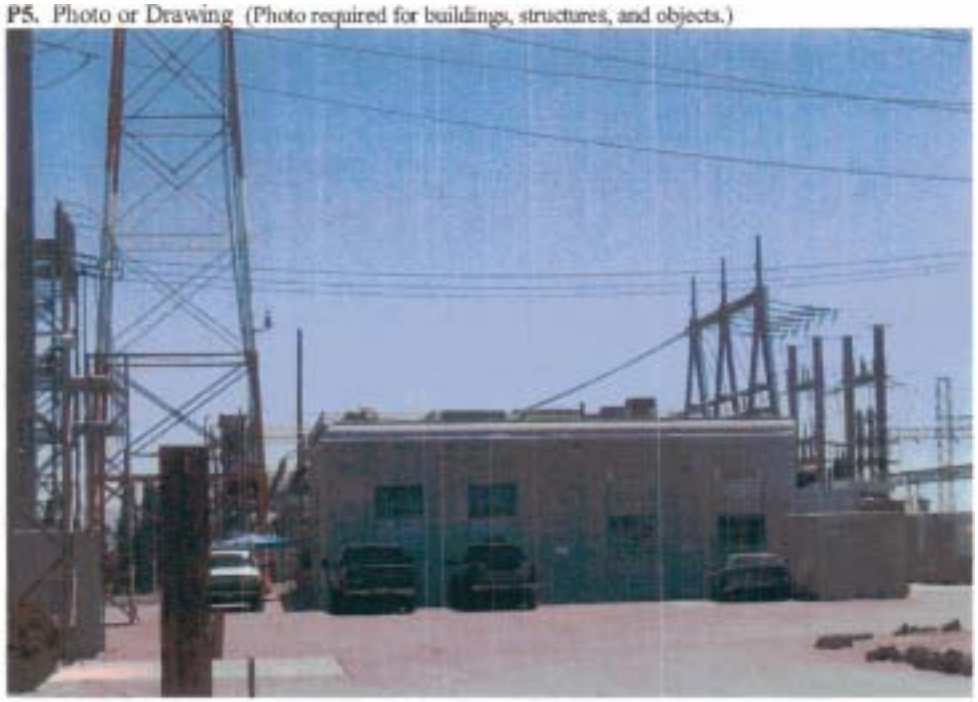
*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The Victor Substation contains two buildings, the test office and the transmission office. The latter is a recent (less than 45-year-old) prefabricated steel building. The test office is a rectilinear block of monolithic reinforced concrete construction, i.e., the walls are integral with the roof slab. The building measures approximately 40 by 60 feet and is 18 feet high. At the top of the walls is a fascia and a distinctive broad cyma recta molding. The windows are industrial-type steel casement sash and the doors are paneled steel.

This substation is a component of the Northern System of Path 46, a set of high-voltage electrical transmission lines that deliver 10,100 megawatts to southern California's population centers.

*P3b. Resource Attributes: (List attributes and codes) HP9, public utility building
*P4. Resources Present: ■ Building ☐Structure ☐Object ☐ Site ☐ District ☐Element of District ☐ Other (Isolates, etc).

P5. Photo or Drawing (Photo required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) View of test office looking east-southeast, July 2007, accession # VV-012

*P6. Date Constructed/Age and Sources: ■ Historic ☐ Prehistoric ☐ Both
1927

*P7. Owner and Address:
Southern California Edison

*P8. Recorded by: (Name, affiliation, and address) Morgan Rieder, William Self Associates, Inc., 61D Avenida de Orinda, Orinda CA 94563

*P9. Date Recorded: July 2007

*P10. Survey Type: (Describe) Intensive

*P11. Report Citation: (Cite survey report and other sources, or enter "none.")

*Attachments: ☐NONE ■Location Map ☐Sketch Map ■Continuation Sheet ■Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Resource Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☐Other (List):

BUILDING, STRUCTURE, AND OBJECT RECORD

***NRHP Status Code:** 3S

***Resource Name or #** (Assigned by recorder) Victor Substation

B1. Historic Name:
B2. Common Name:
B3. Original Use: electric power transmission
B4. Present Use: electric power transmission
***B5. Architectural Style:**
***B6. Construction History:** (Construction date, alterations, and date of alterations)
The test office was built in 1927 and has not been significantly altered.

***B7: Moved?** ■ **No** ☐ **Yes** ☐ **Unknown** **Date:** **Original Location:**
***B8. Related Features:** no related historic features

B9a. Architect: unknown
b. Builder: unknown
***B10. Significance: Theme** development of energy infrastructure **Area** southern California
Period of Significance early twentieth century **Property Type** substation **Applicable Criteria** A, C
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographical scope. Also address integrity.)

By the mid-1890s, the population of Los Angeles had reached 100,000. The West Side Lighting Company, established in 1896, acquired the franchise to operate the city's electrical system. The following year, West Side merged with Los Angeles Edison to form the Edison Electric Company of Los Angeles. By 1909, the company—now serving 600,000 people in five counties—changed its name to Southern California Edison. Over the following decades, as Los Angeles and southern California continued to grow, SCE built and expanded hydroelectric plants, transmission lines, and substations to provide power to the burgeoning population. The test office of the Victor Substation is an extant example of 1920s substation architecture. Alterations to the exterior have been minimal. This is simple and utilitarian but classically proportioned building that has retained its historic integrity. Because of its association with the early development of the region's energy infrastructure, the building appears to be eligible for the National Register under Criterion A. As a rare surviving example of a distinctive building type, it also appears to be eligible for the National Register under Criterion C.

This property has also been evaluated pursuant to Section 15064.5(a)(2)-(3) of the CEQA Guidelines, using the criteria outlined in Section 5024.1 of the California Public Resources Code. According to these criteria, for the same reasons as given above, the property is recommended as a historic resource for the purposes of the CEQA.

B11. Additional Resource Attributes: (List attributes and codes) none

***B12. References**:
Lehman Collection, Baker Library, Harvard Business School: Company Histories
2007 Southern California Edison. Electronic document, http://www.library.hbs.edu/, accessed August 2, 2007.

B13. Remarks:

***B14. Evaluator**: Morgan Rieder
***Date of Evaluation**: July 2007

(This space reserved for official comments.)

(Sketch Map with north arrow required.)

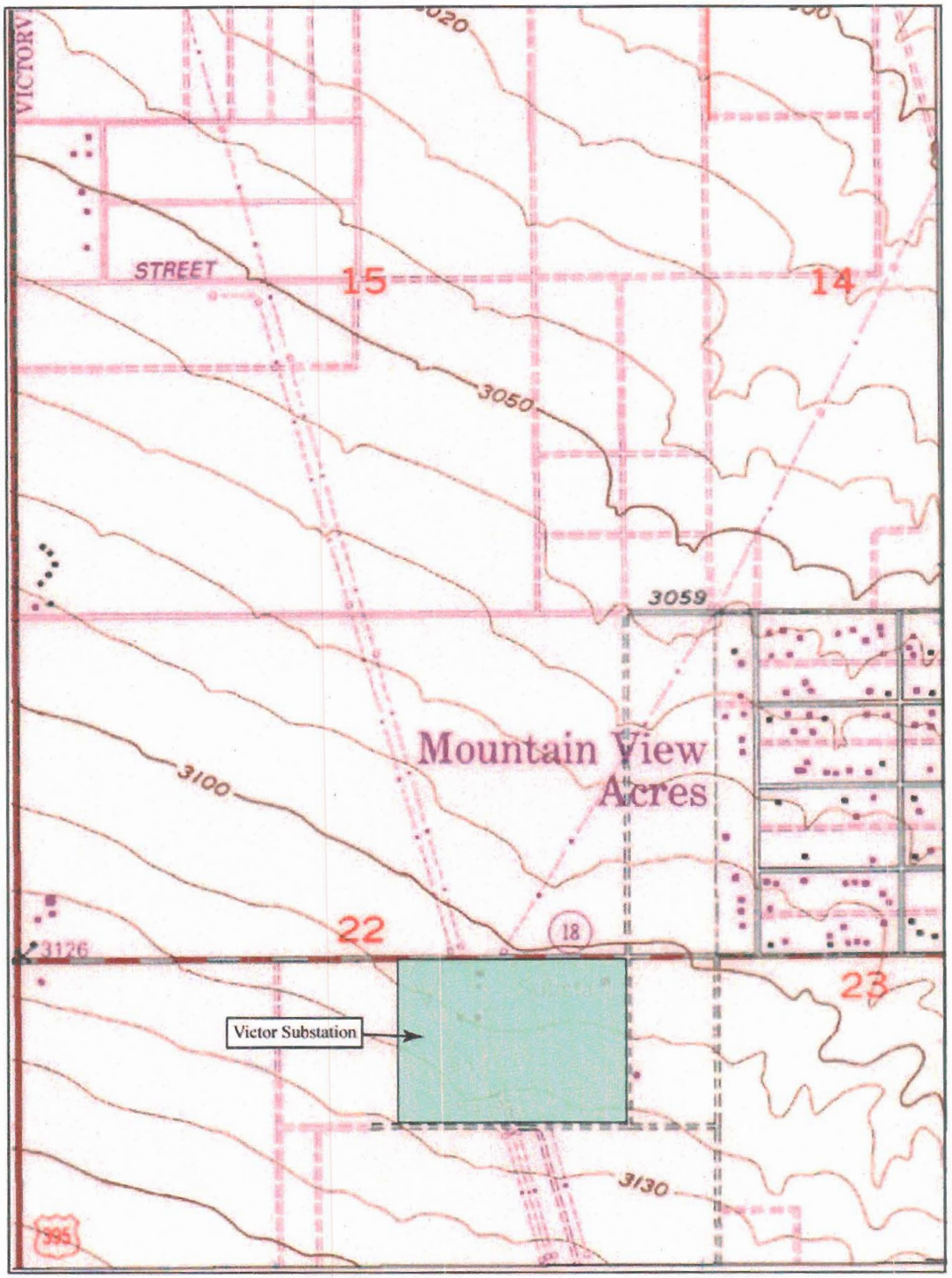
State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary #
HRI#
Trinomial#:

*Map Name:

*Resource Name or # (Assigned by recorder) Victor Substation
*Scale: 1:24,000
*Date of Map:



0 0.5
Scale (in Miles)

*Required information

Attachment DR36-1

Response to Data Request 36-1 (a):
Survey Report of Previously Inaccessible Parcels

WSA

Victorville II: Archaeological Survey in Response to Data Request 36

CEC DR 36 requested a map depicting and labeling the unsurveyed parts of Area 1 (listed on p. 52 of the confidential cultural resources technical report) and a plan for surveying the parts of Area 1 which could not be surveyed previously due to access problems. In the applicant's confidential response submitted on July 23, 2007, Figure 5, Map 1 was revised to depict the unsurveyed parts of Area 1. With the exception of three parcels for which property access still cannot be obtained, all previously unsurveyed parcels were surveyed in July 2007 by a Project cultural resources staff archaeologist under the direction of a Principal Investigator meeting federal criteria under 36 CFR 61. The report on the results of those surveys is provided below.

On July 18th and July 19th 2007, WSA staff archaeologist Thomas Young surveyed nine parcels of land for the proposed Victorville 2 Hybrid Power Project (VV2 Project) in Victorville, California, that were inaccessible during the previous archaeological surveys conducted for the project. These parcels were located in the proposed VV 2 Project main plant site (referred to as Area 1 in the WSA Cultural Resources Technical Report submitted as part as the Application for certification [AFC]). The boundaries for the plant site are Helendale Road to the west, the section line separating Section 2 from Section 35 to the north, the section line separating Section 2 from Section 1 to the east, and Colusa Road to the south. The survey methods and results are discussed below.

Survey Methods

The archaeological field survey was conducted using the following parameters:

- The surveys covered the entirety of each survey area (parcel). All visible historic and prehistoric resources within each survey area were to be identified and recorded.
- No ground disturbance (i.e., shovel probes, test pits, etc.) occurred as part of the survey, and no cultural material was collected.
- The field survey consisted only of a pedestrian reconnaissance conducted at 20-meter (66 ft.) intervals, walked in a north-south direction.
- Digital photographs were taken of all survey areas (see attached photographs). Photographs include general views of the topography and vegetation density, structures, and other relevant images.
- Any newly discovered historic (over 45 years of age) or prehistoric archaeological sites, and architectural resources over 45 years in age, were to be recorded in detail on Department of Parks and Recreation Primary Record (DPR 523) and associated (e.g., Building-Structure-Object) forms.

Criteria used to identify sites followed Secretary of the Interior's Standards and Guidelines (as amended and annotated).

Survey Results

WSA surveyed a total of nine parcels. However, Right or Entry was only available for six of the parcels. Access to the remaining three parcels (0460-242-18, 0460-242-20, and 0460-242-26) was unavailable because access permission could not be obtained from the landowners. A visual inspection of each of the three parcels for which onsite access was not available was conducted from outside the property boundaries. The three restricted-access parcels each contained large scatters of modern trash spread over the property. There were standing structures but they appeared to be uninhabited; the people living on the parcels apparently prefer to live in trailers that were parked on the property. From the vantage point of the surveyors, no prehistoric or historic resources were observed on any of these parcels (Photos 1-3). Photographs 1-3 are representative of the three parcels for which access was unavailable.

Of the six accessible parcels, the two northern-most parcels (0460-232-31, and 0460-232-38) were deemed to be too dangerous for pedestrian surveys due to large packs of guard dogs on both properties, which presented a direct threat to the surveyors. A windshield survey was conducted in these areas instead. On both parcels, large scatters of modern debris were spread over the property, obscuring surface visibility and compromising the effectiveness of the visual survey. No prehistoric or historic resources were observed during the windshield survey.

The remaining four parcels (0460-242-19, 0460-242-21, 0460-242-24, and 0460-242-25), are located in the southern portion of the Project site, were easily accessible, and free of aggressive dogs and scatters of debris. An intensive pedestrian survey of these areas was conducted as described below.

The soil in these areas consists of medium-grained sand. The parcels are situated in an area that is slightly deflated through wind erosion, so that desert gravels are forming on the ground surface. The vegetation observed during the surveys consists primarily of creosote bush, Joshua trees, common saltbush, and grasses. Some minor dune formation was apparent around the creosote bush. Ground visibility was good, ranging between 60 and 70 percent. The entire area has been highly disturbed by late historic and modern activities consisting of dwelling and outbuilding construction, the formation of dirt roads through the repeated passage of vehicular traffic, scavenging, and both periodic and habitual dumping of garbage.

Parcel 0460-242-19 is situated between parcels 242-18 and 242-20, two of the parcels with restricted access, and north of 242-26, the third restricted parcel. Modern trash was scattered over parcel 0460-242-19. This appeared to have been blown over from the adjacent properties. The survey was conducted in twenty meter transects, in a north-south direction. No prehistoric or historic resources were observed (Photo 4).

Parcel 0460-242-21 is situated east of parcel 242-20, and north of parcel 242-24. In the southern portion of the parcel, there are two standing structures, both in excellent condition. In the northern portion of the parcel is open land. A few pieces of modern trash were evident. These appeared to have blown in from surrounding properties. Wood logs are lined up to mark the northern edge of the property. Dirt roads mark the east, west, and southern boundaries. No prehistoric or historic resources were observed (Photo 5).

Parcel 0460-242-24 is located south of parcel 242-21, and east of parcel 242-25. On earlier maps and aerial photos, three structures are depicted. During the survey, it was determined that these structures no longer exist and all that remain are a large, rectangular concrete slab, a smaller concrete pad, and a scatter of wood and glass. The person living in the house in the adjacent parcel (parcel 242-21) mentioned that these structures had been torn down recently. No prehistoric or historic resources were observed (Photo 6).

Parcel 0460-242-25 is located west of parcel 242-24, south of 242-20 (access unavailable), and east of 242-26 (also inaccessible). This parcel has one standing house, and one standing shed in the northeast portion of the property, which appears to have been abandoned. There was some modern debris scattered across the parcel which had blown in from the adjourning properties. No prehistoric or historic resources were observed (Photo 7).

Although three of the nine subject parcels were inaccessible, WSA's observation from the perimeters of the three parcels indicated that their nature and characteristics are the same as those of the six parcels that were subject to pedestrian survey. The soil of the three parcels consists of medium-grained sand, and each is situated in areas that are slightly deflated through wind erosion, so that desert gravels are forming on the ground surface. The vegetation observed during the surveys consists primarily of creosote bush, Joshua trees, common saltbush, and grasses. Some minor dune formation was apparent around the creosote bush. Each of the parcels has been highly disturbed by late historic and modern activities consisting of dwelling and outbuilding construction, the formation of dirt roads through the repeated passage of vehicular traffic, scavenging, and both periodic and habitual dumping of garbage. No evidence of prehistoric or historic cultural material was observed on the three inaccessible parcels.

Although pedestrian survey of the parcels was not possible, given the proximity and vantage points from which the visual assessments were conducted, it is WSA's opinion that sufficient data were gathered to make a determination that no prehistoric or historic cultural resources are present on the three parcels, and that no further assessments of these parcels is necessary.

WSA

Photographs

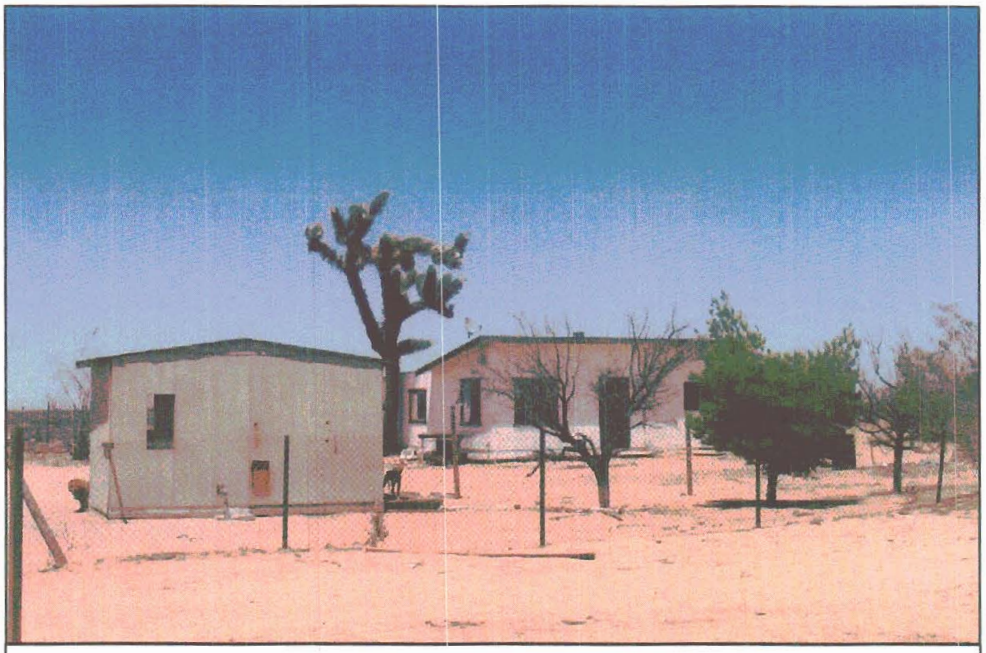


Photo 1: Parcel 0460-242-18, View NE.

Photo 2: Parcel 0460-242-20, View NW.

Photo 3: Parcel 0460-242-26, View NW.

Photo 4: Parcel 0460-242-19, View NE.

Photo 5: Parcel 0460-242-21, View SE.

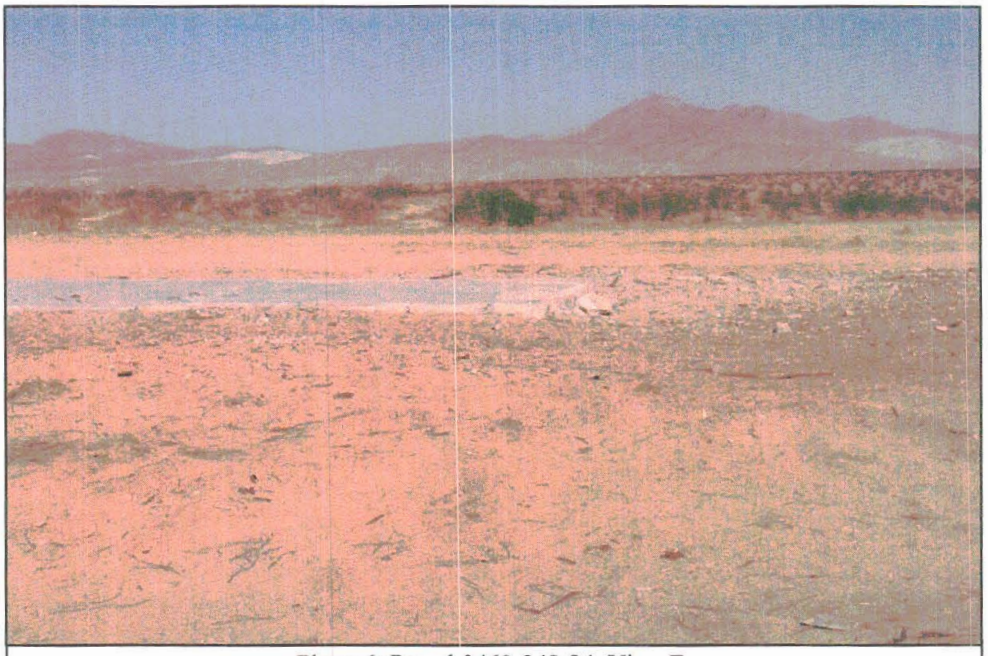


Photo 6: Parcel 0460-242-24, View E.

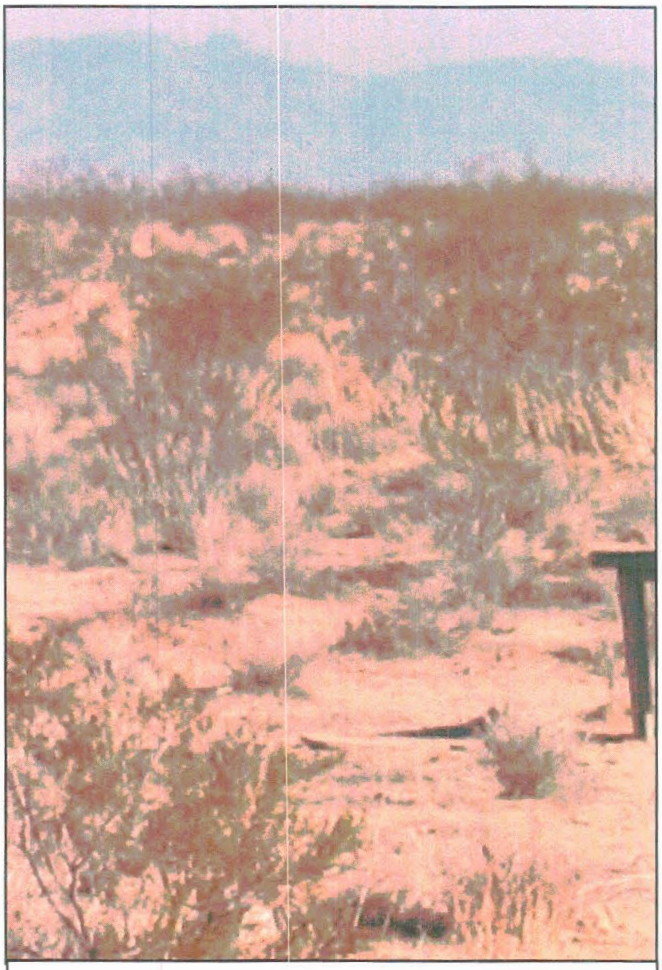


Photo 7: Parcel 0460-242-25, View SE.