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United States Department of the Interior National Park Service

National Register of Historic Places Registration Form

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in National Register Bulletin, *How to Complete the National Register of Historic Places Registration Form.* If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional certification comments, entries, and narrative items on continuation sheets if needed (NPS Form 10-900a).

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1. Name of Property				
historic name Steel Development House Number 2				
other names/site number 3125 North Sunny View Drive; Palm Springs I	Historic Site Preservation Board # 43			
2. Location				
street & number 3125 North Sunny View Drive	not for publication			
· · · · · · · · · · · · · · · · · · ·				
city or town Palm Springs	\ vicinity			
state California code CA county Riverside	code <u>065</u> zip code <u>92262</u>			
3. State/Federal Agency Certification				
As the designated authority under the National Historic Preservation Act, a	as amended,			
I hereby certify that this nomination request for determination of e				
registering properties in the National Register of Historic Places and meet set forth in 36 CFR Part 60.	s the procedural and professional requirements			
In my opinion, the property meets does not meet the National Re	egister Criteria. I recommend that this property			
be considered significant at the following level(s) of significance:				
national statewidelocal				
Signature of certifying official	Date			
Title	State or Federal agency/bureau or Tribal Government			
In my opinion, the property meets does not meet the National Register criteria.				
Signature of commenting official	Date			
Title	State or Federal agency/bureau or Tribal Government			
	State or Federal agency/bureau or Tribal Government			
4. National Park Service Certification				
I, hereby, certify that this property is:				
entered in the National Register determin	ed eligible for the National Register			
determined not eligible for the National Register removed	from the National Register			
other (explain:)				
Signature of the Keeper	Date of Action			

7. Description Architectural Classification (Enter categories from instructions) MODERN MOVEMENT - midcentury modern MODERN MOVEMENT - midcentury modern Modern walls: steel frame: steel roof: steel other: doors, sliding glass/screen frames: steel

Steel Development House Number 2	Riverside California
Name of Property	County and State

Narrative Description

Summary Paragraph

Steel Development House Number 2 is one of seven all-steel homes—all clustered in the same neighborhood—created by the architectural team of Donald Wexler and Ric Harrison, the structural engineer Bernard Perlin, and the builder Alexander Construction Company. The house is primarily composed of steel and glass on a concrete foundation with *no structural wood* and represents a unique synthesis of off-site prefabrication and on-site assembly. This 1400-square-foot single-story house is located in the historic Racquet Club Estates district of Palm Springs and sits on a one-quarter-acre residential lot. It was the second of three original models that were started in 1961 and opened to the public in March 1962. The house was little altered through the years and underwent a modest restoration in 2001. The house exemplifies simple yet elegant concepts in midcentury modern design plus the novel use of steel construction, demonstrating the possibilities for rapidly-assembled and affordable homes for the middle class that were designed to withstand the harsh desert environment. The property has excellent integrity in all aspects, and appears much as it did as built.

Narrative Description

Steel Development House Number 2 is located in a northern residential section of Palm Springs called the Riviera Gardens subdivision of the Racquet Club Estates. The house sits on a one-quarter-acre lot (approximately 100 x 100 feet); to the north and the south are two additional steel houses and behind (to the west) there is a 3-acre vacant lot fronting Indian Canyon Drive, beyond which are the San Jacinto Mountains.

From the street, the carport, entryway, and roofline of Steel Development House Number 2 are visible; masonry walls 6-feet high extend on either side of the house to the property lines. The outer dimensions of the main part of the house are 36 x 36 feet (not including entryway); the carport/entry/breezeway dimensions extend the total length of the building by 48 feet, bringing the east/west length to 84 feet, sitting perpendicularly to Sunny View Drive. The exterior color of the house is beige, the exposed steel frame is chocolate brown, and the roof plane is brilliant white.

The massing of the house is low and linear with a pinwheel-like layout: namely, a central core from which radiates four distinct elements: living areas on the north and south sides, sleeping areas to the west (at the back), and the carport to the east (at the front). The structural elements of the house are exposed, reflecting its assembly. Long steel beams under the roofline stretch the length of the house, ending in vertical steel posts. These beams frame the outer steel panel walls and the floor-to-ceiling glass. The northeast corner of the house features a "spider-leg"—an upside-down L-shaped element that visually carries the line of the horizontal beam out from the house and down. This long horizontal line spanning living and carport areas visually lengthens what is actually a very compact house.

The roof is a flat plane laid across the central core and steel frame; the white color contrasts sharply with the dark brown trim, making the roof appear to "float" over the house. Notable to the house is the lack of decoration or trim. The roof has an imperceptible tilt enabling rainwater to be funneled through a system of channels and drains built into the roof panels and vertical framing.

Steel Development House Number 2 is fronted by a distinctive low green rock wall constructed of Utah quartzite, a feature shared by the other steel houses and acts to differentiate the public front yards from the more private patio areas next to the house. At the northeast corner of the front yard beyond the carport are a series of round patio slabs (called "helicopter pads") connected by large round stepping stones that flow up from the sidewalk to the house, creating pedestrian access separate from the driveway to the south. A large pool is located on the south side of the house behind the high masonry wall. On the north and west sides of the house (in the private areas of the lot), three additional "helicopter pads" are located, representing outdoor living areas.

The lot is xeriscaped and features agave, pencil cactus, desert spoon, Madagascar palms, and other succulents; ocotillo; and Mexican bird of paradise. There is no grass lawn; ground cover is either rock or decomposed granite. Clusters of tall Mexican fan palms are located on either end of the front lot. A high hedge in front of the carport functions to mask the owner's vehicle from view of the street. The pool area is mostly concrete pavement with plant beds on the periphery. The pool is diagonally positioned on the lot to align with the lights of the Palm Springs Aerial Tramway cars that ascend and descend the face of the nearby mountain.

The floor plan of the house consists of 1400 square feet, with an entryway, two living areas on either side of the house (north and south), an open kitchen in the center, two bedrooms, two baths, a hallway running the length of the central core, and a laundry nook. Load-bearing elements are minimal, allowing large interior rooms and extensive use of fixed and sliding glass panels, melding the inside of the house with the outside. The two living areas communicate with the side

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yards facing north and south through the continuous plate glass. Privacy of these outside living areas is maintained by means of the high masonry walls that separate front from back and the back yard from adjacent houses.

The two living areas allow complete flexibility in the designation of living/dining/family room. As noted previously, all structural elements of the house are steel. One exception to the all-steel nature of the house is nonstructural drywall lining the major living areas which aids in acoustical properties—although many inner walls and ceilings such as those in the kitchen, hallway, and bathrooms are steel. The flooring throughout the house is terrazzo tile. Consistent with modernist ideals, decorations and finishings such as baseboards, door trim, etc., are absent from the house.

In 1999, the original pool was removed and replaced with a modern pool and spa, and the current masonry wall separating the front yard from the pool area was erected; these had no impact on the house itself. At some point (details unknown), one-half of the carport had been enclosed to create an additional room; this was later removed (dates unknown, as no permits were pulled). Steel Development House Number 2 underwent a modest restoration in 2001 by the firm of O'Donnell and Escalante in consultation with the original architect Donald Wexler. The house was basically unaltered but had been allowed to fall into disrepair. In this renovation, the kitchen was rebuilt following the original configuration, the yard was re-landscaped, and the current three-color exterior paint scheme was adopted.

Between 2007 and 2008, the current homeowner revised the front landscaping: removing overgrown shrubbery and trees that were obstructing the view corridor of the house, adding a large helicopter pad and the round stepping stones to enhance pedestrian access to the house, and rebuilding the green rock wall that had presumably been removed. The north sideyard was also re-landscaped; this consisted of removing an unsightly metal storage shed (not original to the house), removing shrubbery, replacing a chain-link fence with a masonry wall, and planting low-maintenance succulents.

Integrity

The steel house project was placed in a windy, remote tract at the northernmost edge of Palm Springs. This area of land in the early 1960s was inexpensive and, as the project dealt with a highly experimental style of construction for affordable housing, its *location* therefore reflected its objective. One of the unique *design* aspects of the steel house system is the versatility of space created within. The placement of load-bearing elements allows for variations in room size and number—the house can be highly customized in order to meet the needs of varied family units. The exterior appearance is highly influenced by the positioning of the house on the lot, the roofline, the entryway, and the carport. Although the house appears very different from its neighbors, the distinctive decorative rock walls of each steel house visually unifies the neighborhood.

The overall design of the house is responsive to the *setting*. The prominent features of the desert environment include wind, heat, and sun. The tensile and sheer strength plus the nondeteriorating properties of steel make it an ideal medium for desert architecture. The wide roof overhangs regulate the intrusion of sun into the living areas. The large expanses of glass allow a visual communication with the surrounding desert and mountain views. Over time, as the surrounding area was built up, it became desirable to add high masonry walls around the private areas and thus "frame" the view. Hence, the features of the lot have evolved with the surroundings in order to preserve the original feeling of the house with its setting.

The defining *materials* of Steel Development House Number 2 are steel and glass. These elements exist unaltered. The renovation of the house in 2001 fundamentally addressed issues of normal wear and tear. In retrospect it is fortunate that no steel components were removed, altered, or damaged over the years, as refabrication would have been impractical. The skills reflected in Steel Development House Number 2 resided not at the building site but at the factory. Virtually every component of the house was prefabricated for assembly at the site and each piece arrived in a finished state (with the exception of drywall in certain interior sections). Hence, the *workmanship* is manifested in the engineering and tooling of the steel components: every piece had to fit perfectly in order to be bolted together: there was no allowance for trimming, fitting, or shaping the steel components by the site crew.

Steel Development House Number 2 clearly evokes the *feeling* of its genre—midcentury modernism, or more specifically, desert modernism. The massing of the house is low, rectilinear, and starkly unadorned, consistent with the ideals of modernism and true to its roots in the International movement. Indoor and outdoor spaces are merged by means of large expanses of glass windows and sliding glass doors, with an outdoor living area corresponding to each indoor area. The postwar era of the 1950s and early 1960s was one of economic expansion, technological advances, experimentation, and optimism; increasing purchase power and leisure time for the middle class allowed for second homes in resort areas such as Palm Springs. Steel Development House Number 2 reflects this *association* with its era.

¹ Barbara Lamprecht, "Three Classic Houses" in *Architectural Record* 191(11): November 2003, pages 158-163.

Riverside California
County and State

Applicable National Register Criteria (Mark' X'in one or more boxes to the criteria qualifying the property for National Register listing) A Property is associated with events that have made a significant contribution to the broad patterns of our history. B Property is associated with the lives of persons significant in our past. X C Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction. D Property has yielded, or is likely to yield, information important in prehistory or history. Significant Dates 1962 Criteria Considerations (Mark 'x' in all the boxes that apply) Property is: Cowned by a religious institution or used for religious ARCHITECTURE ENGINEERING Period of Significance 1962 Period of Significance 1962 Significant Dates 1962 Criteria Considerations (Mark 'x' in all the boxes that apply) Property is: Cowned by a religious institution or used for religious Apurposes. B removed from its original location. Cultural Affiliation Cultural Affiliation Cultural Affiliation F a commemorative property. E a reconstructed building, object, or structure. P a commemorative property. Ric Harrison AIA - architect Alexander Construction Co builder Within the past 50 years.	8. St	tate	ement of Significance	
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		G		Alexander Construction Co builder

Period of Significance (justification)

Construction was completed in 1962.

Criteria Considerations (explanation, if necessary)

N/A

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Statement of Significance Summary Paragraph (provide a summary paragraph that includes level of significance and applicable criteria)

Steel Development House Number 2 is eligible for the National Register under Criterion C at the local level of significance because it embodies the distinctive characteristics of Midcentury Modernism as adapted for desert living, and in addition introduced a novel concept of housing construction that merged the "kit assembly" with the "preassembled module" approaches—all using prefabricated steel components. The Steel Development Houses represented environmentally sensitive, affordable, rapidly assembled homes for the middle class that were practical, stylish, responsive to a harsh environment, and virtually indestructible. At the time of their completion, architectural publications highlighted the importance of this all-steel project.²

Narrative Statement of Significance (provide at least one paragraph for each area of significance)

ARCHITECTURE

Steel Development House Number 2 embodies the characteristics of midcentury modernism. The architects Donald Wexler and Ric Harrison infused the design with visual features reminiscent of Wexler's previous association with Richard Neutra, a modernist architect who was a disciple of the International or Bauhaus movement.

Donald Wexler AIA, a graduate of University of Minnesota, came to Palm Springs in the early 1950s after working with Richard Neutra in Los Angeles. At the time, Wexler and his partner Ric Harrison were collaborating with Bernard Perlin of the Calcor Corporation on a steel-panel system manufactured by Calcor for the rapid and inexpensive construction and expansion of schools. U.S. Steel Corporation approached the group in 1958 with a proposal to sponsor a project that would apply the steel system to residential housing. The partnership included Wexler and Harrison, Perlin, and the builders George and Robert Alexander. The project became known as the Steel Development Houses (or the U.S. Steel Homes) and was placed in the northern edge of Palm Springs, with the plan for a 38-house tract.

Steel Development House Number 2, along with two other model houses, was started in late 1961; the three were built concurrently. Materials for all three were delivered in five truckloads from Los Angeles. The most time-consuming activity was site preparation; grading, laying water/gas lines, and pouring and curing the concrete foundation that held an inlaid steel template. The nine-by-thirty-six-foot central core of the house, which includes the kitchen, two bathrooms, laundry room, central hallway, and mechanical runs (electrical, plumbing, and ductwork) was prefabricated in Los Angeles and delivered to the site as a single piece. The pre-assembled central core was first lowered onto the slab by a crane. Next, the steel frame was erected. The outer rooms were then assembled around the core using prefabricated wall modules—a unique steel panel "sandwich" consisting of an exterior layer of light-gauge galvanized steel, a hollow core with gypsum board and fiberglass insulation, and drywall facing the interior. These panels, 16 inches in width and three-and-one-half inches thick, were fit into the track template in the slab, interlocked, and bolted to the steel frame and to each other. providing both structure and shear support. Finally the roof, also light-gauge steel, was overlaid and bolted, supported both by the central core and the outer load-bearing steel frame and panels and was designed with deep overhangs for sun protection. The house made extensive use of glass: each major room features eight-foot-high sliding and stationary glass panels. Actual assembly could be accomplished in three days (excluding site preparation and interior finishing). Thus, unlike the Lustron house (which arrived totally in pieces as a kit and was assembled on site⁴), Steel Development House Number 2 represents a unique synthesis of off-site and on-site assembly.

The three model houses opened to the public in March of 1962, priced between \$13,000 and \$17,000—competitive with conventional wood-framed tract houses of the time. Shortly after the debut of the three models, Calcor was taken over by another company Rheemetal, who raised the price of the steel components to the builder. The Alexander Company built four additional production houses later in 1962. These later houses display subtle differences from the three models, including less interior use of steel and utilization of certain off-the-shelf components—presumably to cut costs. However, due to the rise in steel prices that decreased the builder's profit margin, the Alexander Company ultimately cancelled the project and the planned tract of 38 all-steel houses was never completed. The remaining lots in the tract were finished

⁴ Thomas Fetters, *The Lustron Home: The History of a Postwar Prefabricated Housing Experiment* (Jefferson, NC: McFarland and Company, 2002), pages 18-30.

² Frank M. McKellar, "New All Steel Home System" in *Home Builders Journal*, August 1962, pages 2-3. See also "Record Houses of 1963" in *Architectural Record* 133: May 1963, pages 82-85.

³ McKellar, page 5.

⁵ Bromley Davenport, "Proving His Mettle" in *Atomic Ranch* 14: Summer 2007, pages 60-68.

⁶ Patrick McGrew, *Donald Wexler: Architect*, Palm Springs Preservation Foundation Publication, 2010, pages 23-29.

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with conventional wood-frame ranch houses of an unremarkable design and the neighborhood was named the Riviera Gardens tract.

The genius of the Wexler/Harrison architectural approach was in the seamless adaptation of the existing steel panel system into a stylish interpretation of modernism for desert residences. These features include an indoor-outdoor flow of living areas, wide roof overhangs for sun protection, simplicity, and virtual indestructibility in a harsh environment. Details not apparent to the casual visitor include a rain water drainage system that was integrated into the roof panels and steel beam supports, the alignment of all plumbed rooms down the center of the house to maximize efficiency of mechanical runs, and the careful alignment of the house on the lot that considered the angle of sunlight throughout the year.

Although all of the steel houses share the identical footprint and standardized mass-producible components, each house is completely unique—appearing custom—due to site orientation, roof style, and carport/entryway/breezeway configuration. Repositionable nonload-bearing interior walls allowed changes to room size and number, including the allowance for a third bedroom.

Steel Development House Number 2 is an appropriate representation of the steel house project, its basic structure appearing unaltered from its original condition and reflecting the original plans of the architects and engineer with maximal use of steel components.

ENGINEERING

The concept of all-steel construction was not new in the late 1950s. The Aluminaire House designed by Albert Frey and Lawrence Kocher was featured at the 45th Annual Exhibition of the Architectural League in 1931. This was a concept house only. Various Case Study houses built after World War II made extensive use of steel construction, such as Pierre Koenig's Case Study Houses # 21 and # 22, Eames' Case Study House # 8, and John Entenza's Case Study House # 9. These were all one-of-a-kind and were never mass-produced.

The Lustron Corporation of the late 1940s successfully put into production a unique porcelain-enameled steel home kit for several years to help address the postwar housing shortage. Although approximately 2500 were built, the enterprise failed financially due to the very large up-front development/factory costs that required massive loans from the government that the corporation was unable to repay.⁹

In contrast, Wexler and Harrison adapted engineering technology that was already in use for school classroom modules. The result is a well-engineered low-maintenance house. The benefits of all-steel construction include:

- Robust performance in hot, sunny, windy environment
- No deterioration typical of wood materials (rotting, swelling, warping, and cracking in intense heat)
- Impervious to termites, dry rot, and fire
- Shear strength to withstand earthquakes
- Rapid heat dissipation after sunset
- Very low maintenance (one advertisement stated that the only required maintenance tool was a garden hose 10)

The prefabrication of steel components shifted the majority of activity from the building site to the steel factory, thus minimizing labor costs. Additionally, there was no construction waste: virtually 100% of materials trucked to the site were used. This compares with the estimate of up to 40% of materials hauled away as scrap/waste after conventional wood construction. Although the insulation is not up to modern standards, it must be borne in mind that most Palm Springs houses were built as vacation homes (for use in the temperate winter season) and were not intended for year-round living.

A single library of prefabricated pieces could be assembled into a wide assortment of homes to meet the needs of the nuclear family. The Steel Development House system had the potential for large-scale production. The suspension of the program was a result of corporate changes within Calcor/Rheemetal and the builder's insistence that the homes be priced

McKellar, page 3.

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⁷ Gloria Koenig, *Albert Frey 1903-1998 A Living Architecture of the Desert*, Peter Gössel, ed. (Köln, Germany: Taschen GmbH, 2008), pages 20-23.

⁸ Elizabeth Smith, Case Study Houses - The Complete CSH Program, Peter Gössel, ed. (Köln, Germany: Taschen GmbH, 2002), pages 88-129 and 274-319.

Fetters, pages 96-109.

commensurately with his conventional wood-frame homes. In retrospect, this was an error, as a moderate premium in pricing for a steel house would have been recaptured many times over from the lower maintenance costs.

Developmental history/additional historic context information

Title deeds to determine ownership history were only available back to 1973. It is unknown if the homeowner in 1973 was the first to own Steel Development House Number 2.

???? to 1973	Stanley and Phyllis Dickens
1973 to 1982	Robert Lamm and Edward Legnini
1982 to 1989	Richard Griffin
1989 to 1990	John Konesky
1990 to 1993	GSL Financial Corporation (house was foreclosed)
1993 to 2000	Diane Reed and Jack Parks
2000	David Hollinghead
2000 to 2002	Kevin Lane and Matthew Rush
2002 to 2005	Joanne Fisk
2005 to present	Brian McGuire

In 2001, the Historic Site Preservation Board of the City of Palm Springs granted the enclave of seven steel houses Class 1 Historic Site status. The defining characteristics of the Class 1 designation were deemed to be the all-steel construction, the rooflines, the carports, the fenestration, the distinctive rock walls, and color palette.

Most of Donald Wexler's works as an architect were centered in Palm Springs and the Coachella Valley. After the Steel Development House program, the concept of steel prefabrication was further applied at Disneyworld, where Wexler was hired to develop a system of preassembled or "unitized" steel hotel rooms for the Contemporary Hotel (1968) that were literally slid into the superstructure of the building from the outside like drawers. 11 Other notable projects by Wexler after the Steel Development Houses included the post-and-beam Dinah Shore house in 1964 (Palm Springs), the Palm Springs Airport in 1965, the "Style in Steel" house in 1968 (Buena Park, Orange County CA), other custom homes, and numerous schools and public buildings throughout the Coachella Valley.

Donald Wexler, now 85 years old, still lives in Palm Springs, the town whose growth he influenced so profoundly. His last major works were an annex to the Palm Springs Unified School District Center (1998) and the District Headquarters and Operating Facility in Indio CA (1999). He sold his practice in 2000 and donated his archives to California State Polytechnic University Pomona. Although he subsequently consulted with the WWCOT firm on the design of the Sanders/Krizman residence (2001) and the Tropicana Townhomes (2003), his active participation in the field of architecture has concluded.

More recently, Wexler's work in steel design is inspiring new projects in prefabricated modular steel home systems; these include Marmol-Radziner of Los Angeles, Lance O'Donnell of o2 Architecture in affiliation with Blue Sky Homes LLC, and Linda Taalman and Alan Koch (the IT House). These contemporary examples tend to cater more to the upscale custom home market; sadly the potential of mass production for the affordable housing market has yet to be realized.

In 2011, the life and work of Donald Wexler AIA were celebrated with an exhibit at the Palm Springs Art Museum. ¹³ With the evocative title "Steel and Shade", the exhibit showcased the totality of Wexler's contributions, highlighting his seminal works in steel as a practical solution to the challenges of desert architecture. A notable feature of the exhibit was a complete full-scale replica of the front façade of a Steel Development House that served as entryway to the exhibit.

¹³ Ibid, pages 5-131.

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¹¹ Lauren Bricker, Steel and Shade - The Architecture of Donald Wexler, Palm Springs Art Museum, 2011, pages 32-33.

¹² Ibid, page 129.

9. Major Bibliographical References

Bibliography (Cite the books, articles, and other sources used in preparing this form)

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Smith, Elizabeth. Case Study Houses - The Complete CSH Program. Edited by Peter Gössel. Köln, Germany: Taschen GmbH, 2002.

Stern, Michael and Alan Hess. "Donald Wexler" in *Julius Shulman: Palm Springs*. New York: Rizzoli and Palm Springs Art Museum, 2008.

Wills, Eric. "Palm Springs Eternal" in *Preservation* 60(3): May/June 2008.

Previous doc	umentation on file	(NPS):	Prima	ary location of	additional data:	
prelimina	ry determination of	individual listing (36 CFR 67 has been			eservation Office	
Requeste	,			Other State age	ncy	
	y listed in the Natio	•		ederal agency		
	,	e by the National Register		_ocal governme		
	ed a National Histor				ornia State Polytechnic University	
		an Buildings Survey #		Other		
recorded	by Historic America	an Engineering Record #	Name	e of repository:	Donald Wexler Archives	
Historic Re	sources Survey	Number (if assigned):				
10. Geogra	aphical Data					
Acreage of	f Property 1	4 acre				
_		isted resource acreage)				
`		.				
UTM Refer	ences					
(Place addition	nal UTM references	on a continuation sheet)				
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2			4			
Zone	Easting	Northing	Zone	Easting	Northing	_

Steel Development House Number 2
Name of Property

11. Form Prepared By

city or town Thousand Oaks

Riverside California	
County and State	_

Verbal Boundary Description (describe the boundaries of the property)

- Lot 2 of Tract No. 2085, Parcel 501031013-0, City of Palm Springs, County of Riverside, State of California.
- 3125 North Sunny View Drive, Palm Springs CA 92262

Boundary Justification (explain why the boundaries were selected)

The boundary of the nominated property is defined by the legal size and dimensions of the lot referenced above. The house is bordered by a high masonry wall on the north, west, and south sides, and abuts Sunny View Drive on the east side.

name/title Brian W. McGuire			
organization (property owner)	date 5 October 2011		
street & number PO Box 1613	telephone (805) 491-1410		
city or town Thousand Oaks	state CA zip code 91358		
e-mail <u>bmcguire98443@roadrunner.com</u>			
A LUC and Day and of the			
Additional Documentation			
Submit the following items with the completed form:			
 Maps: A USGS map (7.5 or 15 minute series) indicating the p A Sketch map for historic districts and properties having large photographs to this map. Continuation Sheets 			
 Additional items: (Check with the SHPO or FPO for any additional items) 			
See attached			
Photographs:			
See attached			
Property Owner:			
(complete this item at the request of the SHPO or FPO)			
name Brian W. McGuire	<u></u> .		
street & number PO Box 1613	telephone (805) 491-1410		

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C.460 et seq.).

state

CA

Estimated Burden Statement: Public reporting burden for this form is estimated to average 18 hours per response including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Office of Planning and Performance Management. U.S. Dept. of the Interior, 1849 C. Street, NW, Washington, DC.

zip code 91358

National Register of Historic Places Continuation Sheet

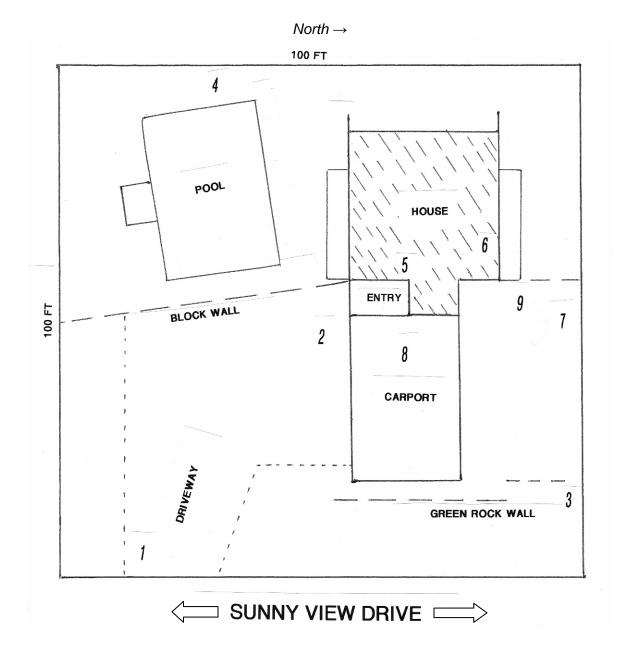
Section number <u>Additional Documentation</u> Page <u>1</u>

Steel Development House Number 2
Name of Property
Riverside California
County and State
Name of multiple listing (if applicable)

DESCRIPTION

Figure 1: Sketch Map of Steel Development House Number 2

Numbers in italics correspond to the photographs, positioned at the vantage point of photographer.



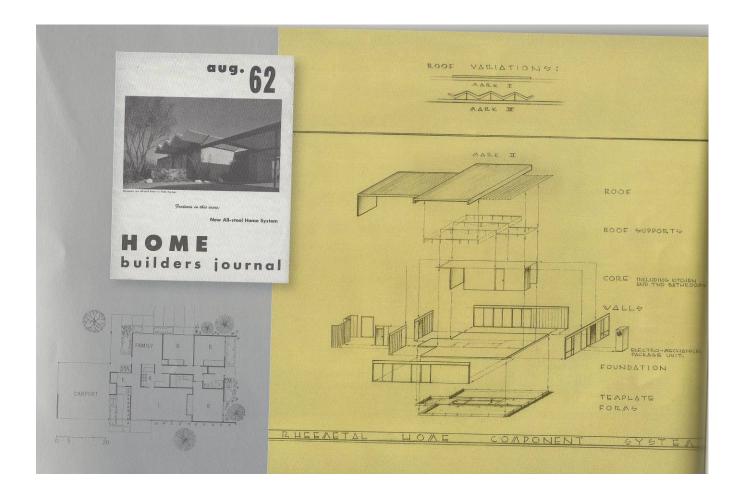
National Register of Historic Places Continuation Sheet

Steel Development House Number 2
Name of Property
Riverside California
County and State
Name of multiple listing (if applicable)

DESCRIPTION

Figure 2: Construction drawings featured in the August 1962 edition of *Home Builder's Journal* showing basic floor plan and how the various steel components were assembled on the concrete slab. Floor plan in lower left illustrates the 3-bedroom version. Reproduced from Palm Springs Preservation Foundation publication *Donald Wexler: Architect* 2010.

2



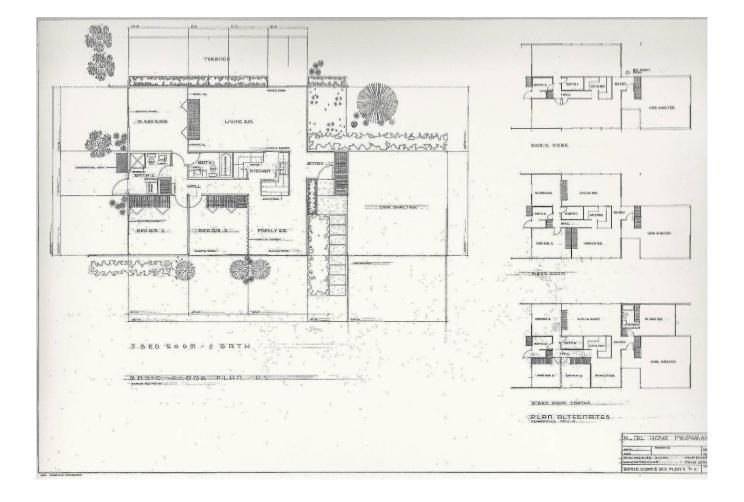
National Register of Historic Places Continuation Sheet

Section number <u>Additional Documentation</u>	Page	<u>3</u>
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Steel Development House Number 2
Name of Property
Riverside California
County and State
Name of multiple listing (if applicable)

DESCRIPTION

Figure 3: Series of floor plans illustrating the 2-, 3-, and 4-bedroom versions of the steel houses. Central core is clearly visible in drawings. The 2- and 3-bedroom versions could be built on the standard foundation template; the 4-bedroom version (never built) required an extended foundation. Reproduced from Palm Springs Art Museum exhibit publication *Steel and Shade* 2011.



National Register of Historic Places Continuation Sheet

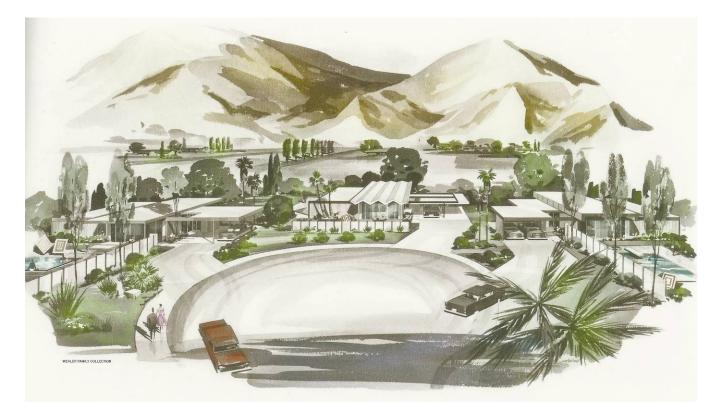
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Steel Development House Number 2
Name of Property
Riverside California
County and State
Name of multiple listing (if applicable)

DESCRIPTION

Figure 4: Architect's concept sketch of the steel house site, showing all 3 roofline variations. House at left represents Steel Development House Number 2, with the exact lot orientation, roofline, and carport configuration. This orientation was unique, with the house turned sideways relative to the street, orienting the glass walls to the side yards rather than front and back, maximizing both privacy and outdoor living spaces. Reproduced from Palm Springs Art Museum exhibit publication *Steel and Shade* 2011.

4



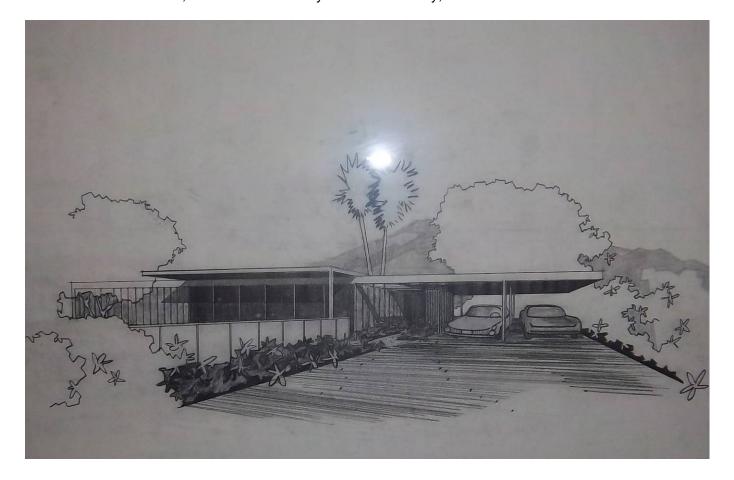
National Register of Historic Places Continuation Sheet

Section number	Additional Documentation	Page	<u>5</u>
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Steel Development House Number 2
Name of Property
Riverside California
County and State
Name of multiple listing (if applicable)

DESCRIPTION

Figure 5: Architect's sketch of Steel Development House Number 2. Palm Springs Art Museum and Donald Wexler Archives, California State Polytechnic University, Pomona.



National Register of Historic Places Continuation Sheet

Section number <u>Additional Documentation</u> Page <u>6</u>

Steel Development House Number 2

Name of Property
Riverside California

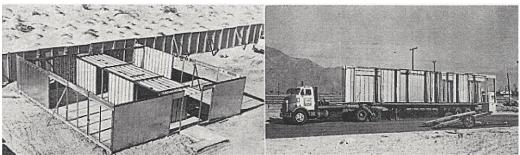
County and State

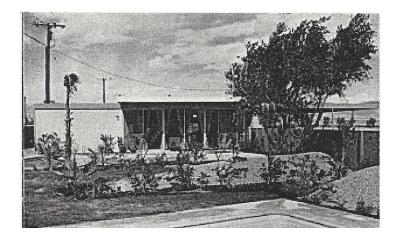
Name of multiple listing (if applicable)

DESCRIPTION

Figure 6: (Top panel) Vintage photos of site preparation and assembly of the model houses. (Middle panel) One of the three models in construction; truck with steel components. (Bottom panel) Steel Development House 2 shortly after completion. Reproduced from Palm Springs Preservation Foundation publication *Donald Wexler: Architect* 2010 and Frank M. McKellar, "New All Steel Home System" in *Home Builders Journal* August 1962.







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Section number <u>Additional Documentation</u> Page <u>7</u>

Steel Development House Number 2
Name of Property
Riverside California
County and State
Name of multiple listing (if applicable)

DESCRIPTION

Figure 7: Photograph of south side of Steel Development House Number 2 and pool at dawn (courtesy of Jim Brown, editor, *Atomic Ranch*) that was featured in *Atomic Ranch* Summer 2006.



National Register of Historic Places Continuation Sheet

Section number <u>Additional Documentation</u> Page <u>8</u>

Steel Development House Number 2
Name of Property
Riverside California
County and State
Name of multiple listing (if applicable)

DESCRIPTION

Figure 8: Plaque in front of Steel Development House Number 2 placed by the Historic Site Preservation Board of Palm Springs, granting the steel house enclave Class 1 Historic Site status. Photographed by homeowner Brian McGuire.

