

**CONTINUATION SHEET**

Primary # 33 - 23901

HRI #

Trinomial CA-RIV-11736

Page 10 of 20 \*Resource Name or # (assigned by recorder) APN 136-220-016, Riverside, Riverside Co., CA

Recorded by: Jeanette A. McKenna

\*Date March 4, 2014

☒ Continuation

Update

At this time, only  $\frac{3}{4}$  of the property is under trees (approximately 6.5 acres), with the remaining 3 acres left as open space for modern uses.

**The Irrigation Pipe and Value System:**

The irrigation pipe and value system identified within the property is quite typical of systems seen throughout Southern California. This particular type of system involves the establishment of one or more master valves that feed water into a buried concrete pipe system. These pipes have a series of "standpipe" distribution posts with individual flow channels. The system is gravity fed and, in the case of the orchard development, a row of pipe may be placed every 3 to 6 rows, depending on the size of the orchard. The establishment of a system of irrigation pipes and the master valve system is a considerable investment. The first recorded indication of such an investment in the property is recorded in 1921 and credited to D.B. Jack.

While the irrigation pipes are generally not marked, the master valve may have evidence of manufacturing. In this case, the master valve, identified along Victoria Avenue, was marked on the metal fixtures (gates, etc.). Here, the steel gate is marked "SNOW MFG. CO., LA CAL." The Snow Mfg. Co. of Los Angeles patented the "Gate Valve" in ca. 1933 (Serial No. 703,893), although its manufacturing and sales may easily have preceded 1933. The Snow Manufacturing Company of Los Angeles was operating as early as 1912.

Despite its early manufacturing and implementation on the property, this system is not unique to the area or indicative of any unusual or intricate design. It is a simple, gravity fed system used to water orchards via water pumped into the master valve system. In this case, it is possible the main source of water prior to 1914 was the Riverside Canal. However, once the canal was abandoned, alternative sources of water were required. Its exact source of water for this property has not been determined, but given the master valve is along Victoria Avenue, the source is likely to be from Victoria Avenue or points north/northwest.

**The Wind Machine:**

The wind machine was located in the center of the property and consists of a single, tall and hollow metal pole with a single propeller style fan. No markings were found on this feature, as the base was too heavily overgrown to find any such markings.



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It is noted, however, that the Snow Manufacturing Co. also produced windmills and wind machines. Parsons (2010) notes that wind machines were often used to prevent frost damage to citrus. He states:

"Wind machines may regain popularity for citrus and blueberries. Wind machines are commonly used to protect crops in the western U.S. In calm conditions, an inversion of warmer air above the cold air at ground level can sometime develop. Wind machines mix the upper warmer air with the colder lower air and raise the temperature in the crop zone by a few degrees. The volume of air moved and area covered are related to propeller design and horsepower. Newer types of wind machines have become available in recent years, and they range from 15 to more than 150 horsepower. While these wind machines are only effective in radiation frost conditions and raise temperatures only slightly, they can be useful in borderline frost conditions."

The design of the wind machine within the project area appears to be a later addition to the property, as it powered by electricity (not a gas driven system) and is made of galvanized steel. Between 1941 and 1958, no improvements were noted for this property. In 1958, a \$250 improvement is recorded.

McKenna et al. suggests this investment reflects the establishment of the wind machine by the owners of the L-Bar ranch. Assuming this feature dates to or before 1958, it is one of the historic (over 50 years of age) elements of the overall agricultural activities on the property.

McKenna et al. concluded the property, overall, is not a significant or important resource as defined in the various evaluation criteria. As a property failing to meet any of the criteria for recognition, McKenna et al. has also concluded there will be no adverse environmental impact if this property is redeveloped.

**NOTE: None of the modern improvements are evident on the 1996 aerial photo. This photo shows the orange grove to cover the entire property.**



PHOTOGRAPHIC RECORD

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Fieldwork and Photos Feb 4, 2014

Camera Format: Canon EOS Rebel 300D Digital AF SLR

Lens Size: EF-S18-55mm f/3.5-5.6

Film Type and Speed: CompactFlash (CF) 128 MB card

Negatives Kept at: McKenna et al., Whittier, CA

Mo.	Day	Hour	Frame	Subject/Description	View	Acc. #
02	04	8:00	001	Intersection of Victoria and La Sierra, Riverside (western corner of the project area; subject property in background)	E	
02	04	8:00	002	Similar view as Photo 001, closer to corner	E	
02	04	8:00	003	Victoria Ave corridor from La Sierra Ave (subject property on right); note absence of sidewalk	NE	
02	04	8:00	004	La Sierra Avenue corridor from southern corner of the project area (subject property on right)	NW	
02	04	8:00	005	Sidewalk easement between La Sierra and the project area (subject property on right)	NW	
02	04	8:00	006	Southern corner of subject property is indented to allow for electrical facilities	E	
02	04	8:00	007	Southeastern edge of the project area	NE	
02	04	8:00	008	Utility gate to subject property on Victoria Ave (locked); note wind propeller in background	SE	
02	04	8:00	009	Similar view as Photo 008, closer to gate	SE	
02	04	8:00	010	Signage for Victoria Ave and Millsweet Place near northern corner of the subject property	N	
02	04	8:00	011	Millsweet Place corridor from Victoria Ave (subject property on right)	SE	
02	04	8:00	012	Orange tree row between Millsweet and fence around subject property (this strip was surveyed); dark fence post is northern corner of project area	SE	
02	04	8:00	013	Subject property fence line parallel to Millsweet	SE	
02	04	10:00	014	Southern corner of project area from within the property (lower grade is a slope cut, apparently to help level the orchard and reduce runoff)	SW	
02	04	10:00	015	Typical tractor row in orchard with minimal clearance and reduced ground visibility	NW	
02	04	10:00	016	Typical tractor row in orchard with more clearance and better ground visibility	SE	
02	04	10:00	017	Non-stippled bottle base fragment in orchard	Detail	
02	04	10:00	018	Same object shown in Photo 017	Detail	
02	04	10:00	019	Solitary wind machine near center of property	NW	
02	04	10:00	020	Same structure shown in Photo 019	N	
02	04	10:00	021	"Community garden" feature at western end of grassy "park" (family recreation area)	SW	



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02	04	10:00	022	Interior view of "community garden" showing unplanted rock-lined vegetable beds	N	
02	04	10:00	023	Similar view as shown in Photo 022 (picket fence is modern PVC material, not wood)	W	
02	04	10:00	024	Unfenced garden plots adjacent to "community garden" are also unplanted	SE	
02	04	10:00	025	Children play area, western end of grassy "park"	N	
02	04	10:00	026	Similar view of the "park" as shown in Photo 025	NE	
02	04	10:00	027	Concrete debris in orchard (platform fragments)	Close-up	
02	04	10:00	028	Orchard-related feature on metal post	Close-up	
02	04	11:00	029	Example of low-profile standpipe irrigation head; these are placed along southeastern (upslope) edge of the orchard and across the middle	Close-up	
02	04	11:00	030	Another example of standpipe irrigation head	Close-up	
02	04	11:00	031	Narrow looping driveway between orchard and the "park" (grassy family recreation area)	E	
02	04	11:00	032	The narrow driveway approaching the loop from Millsweet (main entrance to the property)	W	
02	04	11:00	033	Modern-era farm equipment in the orchard	N	
02	04	11:00	034	Modern-era farm equipment and storage features adjacent to the looping driveway	N	
02	04	11:00	035	Shady sitting area behind the storage features, disused and heavily overgrown	S	
02	04	11:00	036	Overview of picnic area at eastern end of "park"	S	
02	04	11:00	037	Large standpipe irrigation feature in eastern corner of the property	E	
02	04	11:00	038	Interior of large standpipe feature in Photo 037	Close-up	
02	04	11:00	039	Gate valves within the large standpipe feature	Detail	
02	04	11:00	040	Overview, central area of the grassy "park"	NE	
02	04	11:00	041	Similar overview of area indicated in Photo 040	N	
02	04	11:00	042	Overview of the looping driveway	WNW	
02	04	11:00	043	Similar overview as shown in Photo 042	WNW	



