



WATER CONSERVATION RESTRICTION MEASURES FOR CITY OPERATIONS

PUBLIC WORKS DEPARTMENT

TIMM BORDEN, DIRECTOR OF PUBLIC WORKS

10300 TORRE AVENUE • CUPERTINO, CA 95014-3255

RESTRICTION MEASURE PURPOSE

Collective impacts of drought, climate change, increased population demands, and potential natural disasters require the conservation and efficient use of water. The purpose of these measures are to conserve and efficiently use water at all City owned facilities while maintaining safe conditions for employees and the public.

Improvement of City owned facilities to reduce water use, other than those typical for normal operation or maintenance, are not covered in these measures.

RESTRICTION MEASURES

At all times the use of water at City facilities is to be as efficient as practically possible. During periods of drought, water conservation procedures will be followed at all City facilities. Wasting of water is to be avoided at all times of the year.

Annually, every City facility* is to have water use quantified in volume and dollars as follows:

- Amount of water use for buildings
- Amount of water use for landscape shrubs and/or trees
- Amount of water use for turf utilized by recreation programmed by the City or Cupertino Unified School District
- Amount of water use for turf utilized by permitted City events
- Amount of water use for remaining turf
- Amount of water used in ponds and/or fountains

**Metering of water at City facilities may or may not be separate for each identified water use. When one meter services several uses, amounts of individual water use is to be interpolated.*

Annually, water used for City operation shall be analyzed cumulatively and separately for each facility. Comparisons will be made to prior years.

Facilities included are:

1. Blackberry Golf Course
2. Canyon Oaks Park
3. Collins Elementary School / Portal Park
4. Creekside Park
5. Eaton Elementary School
6. Faria Elementary School
7. Franco Park
8. Garden Gate Elementary School
9. Hoover Park
10. Hyde Middle School
11. Jollyman Park

12. Kennedy Middle School
13. Library Field / Civic Center
14. Lincoln Elementary School
15. Linda Vista Park
16. McClellan Ranch Community Gardens
17. Memorial Park / Quinlan Community Center
18. Monta Vista Recreation Center
19. Oak Valley Park
20. Regnart Elementary School
21. Sommerset Square Park
22. Stevens Creek Elementary School / Varian Park
23. Sterling Barnhart Park
24. Three Oaks Park
25. Wilson Park

Attachment A to these measures shall identify each of the above facilities with an aerial site plan prepared and annually updated as site conditions change. Each site plan shall indicate:

- Area of all existing turf
- Area of existing turf intermittently used by City permitted events
- Area of existing turf programmed by for City or school recreation events

When conservation measures are implemented and it is likely that the public is impacted by the measures, educational signage shall be erected at every facility.

PROCEDURES

Drought conservation measures may be required individually or collectively by the State, Santa Clara Valley Water District (SCVWD), San Jose Water Company (SJWC) or California Water Service Company (CWSC). Water conservation measures recommended or mandated by SCVWD shall be followed for all City operations. If State requirements, specific to the Cupertino area, are more onerous than SCVWD measures, then State requirements shall be followed for all City operations. Water conservation rules, as implemented by either SJWC or CWSC and in support of either State and/or SCVWD requirements, shall be followed. Due to the limited area of the City serviced by CWSC, the rules implemented by SJWC shall be applied City-wide unless otherwise prohibited.

The description and action to be taken for various stages of drought are as follows:

Stage #	Condition	Action
1	No drought conservation measures required.	None
2	Reduction < 10% *	Reduce water programming of all outside irrigation by a minimum of the conservation amount.
3	10% < Reduction < 20%	<ul style="list-style-type: none"> • Reduce water programming of all outside irrigation by a minimum of the conservation amount.

		<ul style="list-style-type: none"> • No filling of ponds at Memorial Park. • Reduce operational hours of interactive fountain at Community Hall from 10AM – 8PM to Noon – 6PM. • Water used to clean asphalt areas / sidewalks / plaza areas to be minimized and follow stormwater requirements.
4	20% < Reduction < 40%	<ul style="list-style-type: none"> • Reduce water programming of all outside irrigation for trees / shrubs by a minimum of the conservation amount. <ul style="list-style-type: none"> • Large and/or desirable species to have priority over less desirable species • No watering of turf used passively. • Limited watering (consistent with 2 days / week watering or similar) of turf areas used intermittently by City permitted events. • A minimum of 20% reduced watering of turf areas programmed by City or school recreation events. <p>Each facility will be managed in accordance with the areas defined in Attachment A.</p> <ul style="list-style-type: none"> • No filling of ponds at Memorial Park. • No operation of the interactive fountain at Community Hall. • No water used to clean

		asphalt areas / sidewalks / plaza areas. <ul style="list-style-type: none"> • Water used for street sweeping to be minimized while complying with Santa Clara Valley Air Board requirements.
5	Reduction > 40%	<ul style="list-style-type: none"> • Reduce water programming of all outside irrigation for trees / shrubs by a minimum of the conservation amount. <ul style="list-style-type: none"> • Large and/or desirable species to have priority over less desirable species • No watering of turf unless required to maintain safe conditions. • No filling of ponds at Memorial Park. • No operational of the interactive fountain at Community Hall. • No water used to clean asphalt areas / streets / sidewalks / plaza areas. • Water used for street sweeping to be minimized while complying with Santa Clara Valley Air Board requirements.

*All reduction percentages are relative to water consumption in 2013.

Blackberry Farm Golf Course (BBGGC) and McClellan Ranch Community Gardens (MRCG) watering is not subject to the Stage 1-4 reductions. BBFGC and MRCG shall follow at a minimum the conservation requirements of SJWC.

Unless prohibited by water authorities, watering of all trees and desirable shrubs may occur during all stages of drought as necessary.

RESPONSIBILITY

All employees of the Public Works Department are responsible for the implementation of these measures.

APPROVED

Timm Borden
Director of Public Works

ATTACHMENTS

Attachment A

Water Conservation Restriction Measures for City Operations

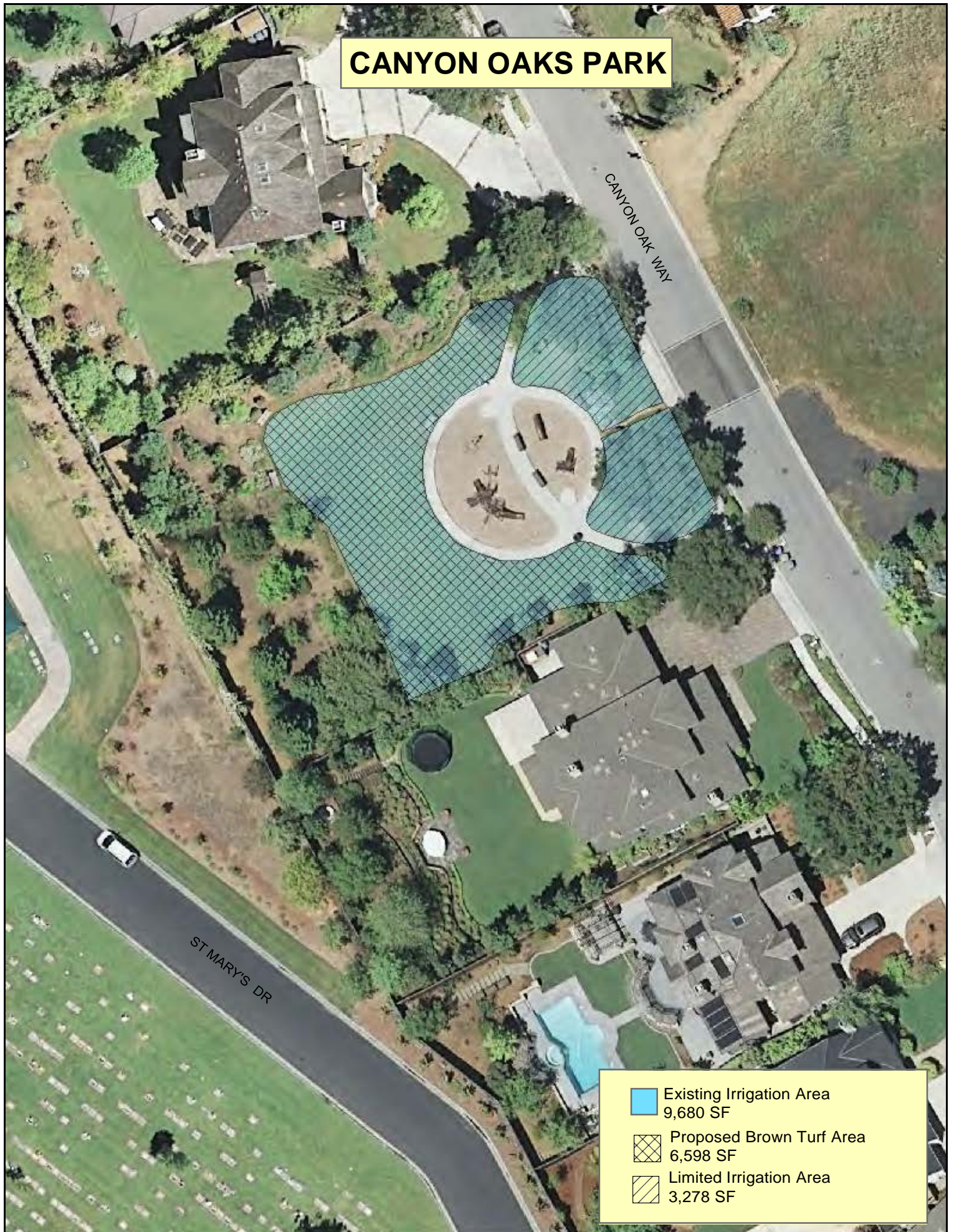
1. Blackberry Golf Course
2. Canyon Oaks Park
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Blackberry Golf Course

Existing Irrigation Area
556,453 SF

Twenty irrigation heads to be turned
off resulting in reduction of
141,300 SF

CANYON OAKS PARK



COLLINS ELEMENTARY / PORTAL PARK



CREEKSIDE PARK



Existing Irrigation Area
316,668 SF

Proposed Brown Turf Area
8,326 SF

EATON ELEMENTARY

SUISUN DR

FARALLONE DR

PINOLE CT

Existing Irrigation Area
136,635 SF

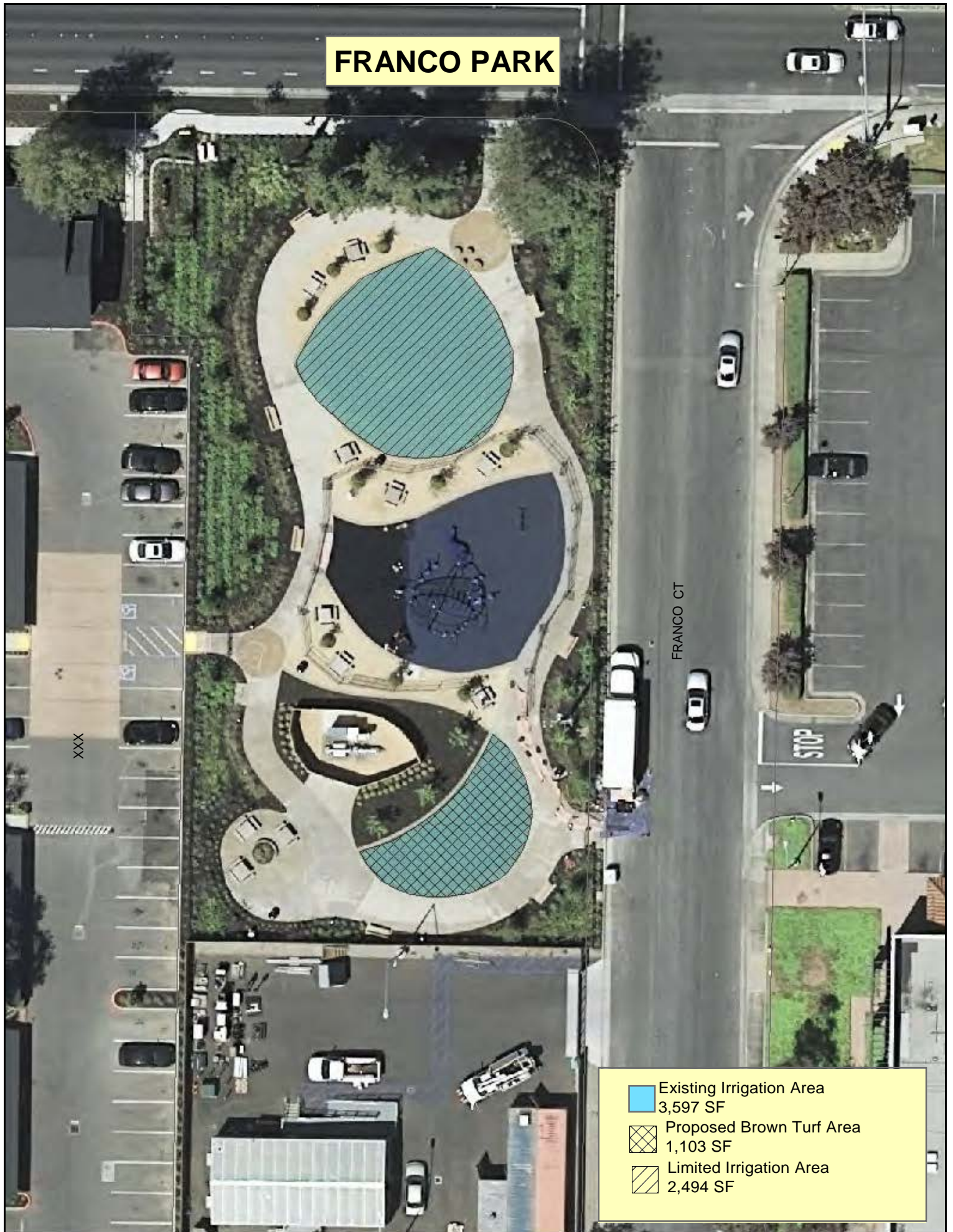
Proposed Brown Turf Area
3,455 SF

FARIA ELEMENTARY



Existing Irrigation Area
133,740SF

FRANCO PARK



GARDEN GATE ELEMENTARY



Existing Irrigation Area
107,246 SF

HOOVER PARK

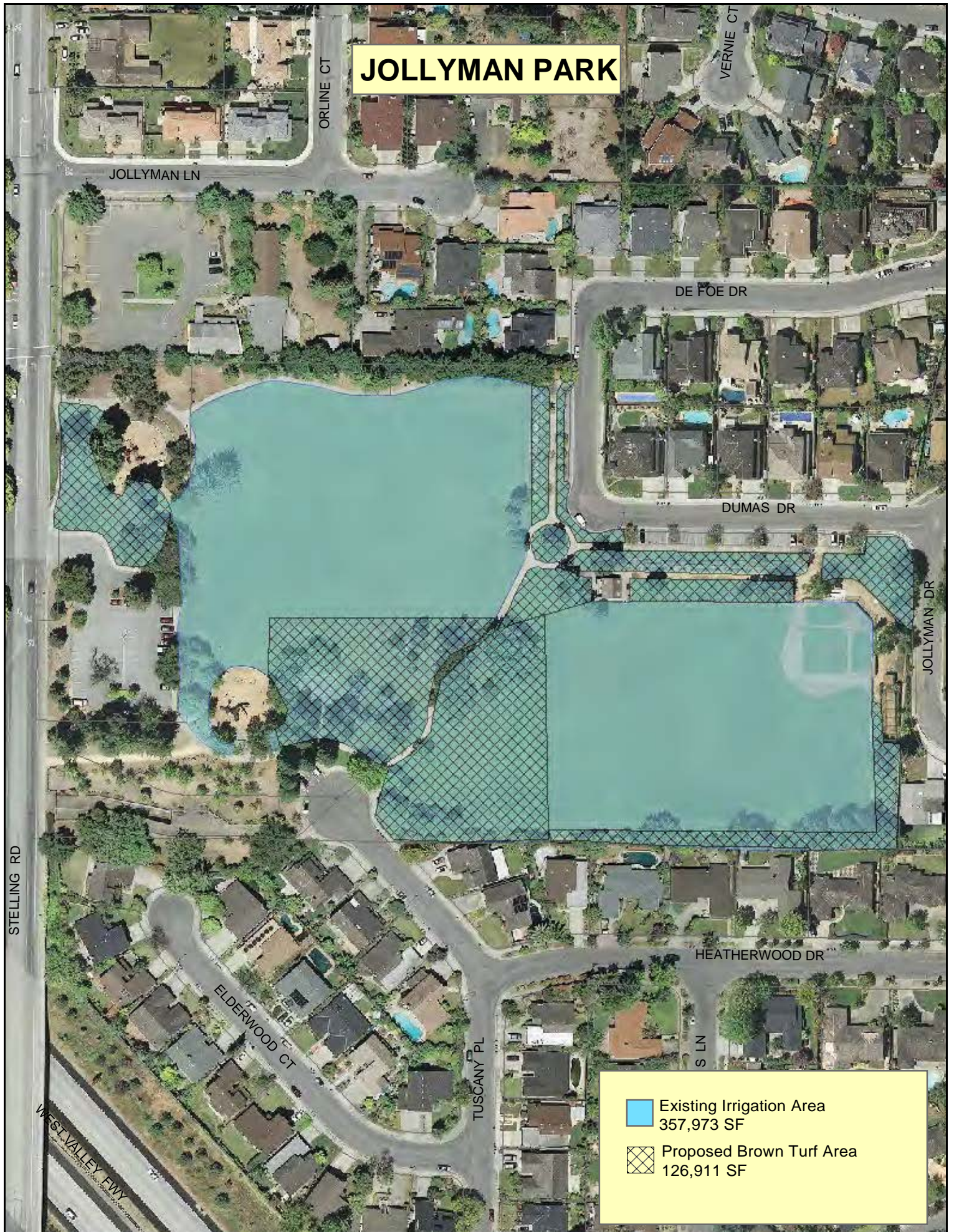


HYDE MIDDLE SCHOOL



Existing Irrigation Area
216,886 SF

JOLLYMAN PARK



KENNEDY MIDDLE SCHOOL



Existing Irrigation Area
385,829 SF

Proposed Brown Turf Area
49,915 SF

LIBRARY / CIVIC CENTER



LINCOLN ELEMENTARY SCHOOL

MCCLELLAN RD

IMPER

PRESIDIO DR

Existing Irrigation Area
98,067 SF



LINDA VISTA PARK

EVULICH CT

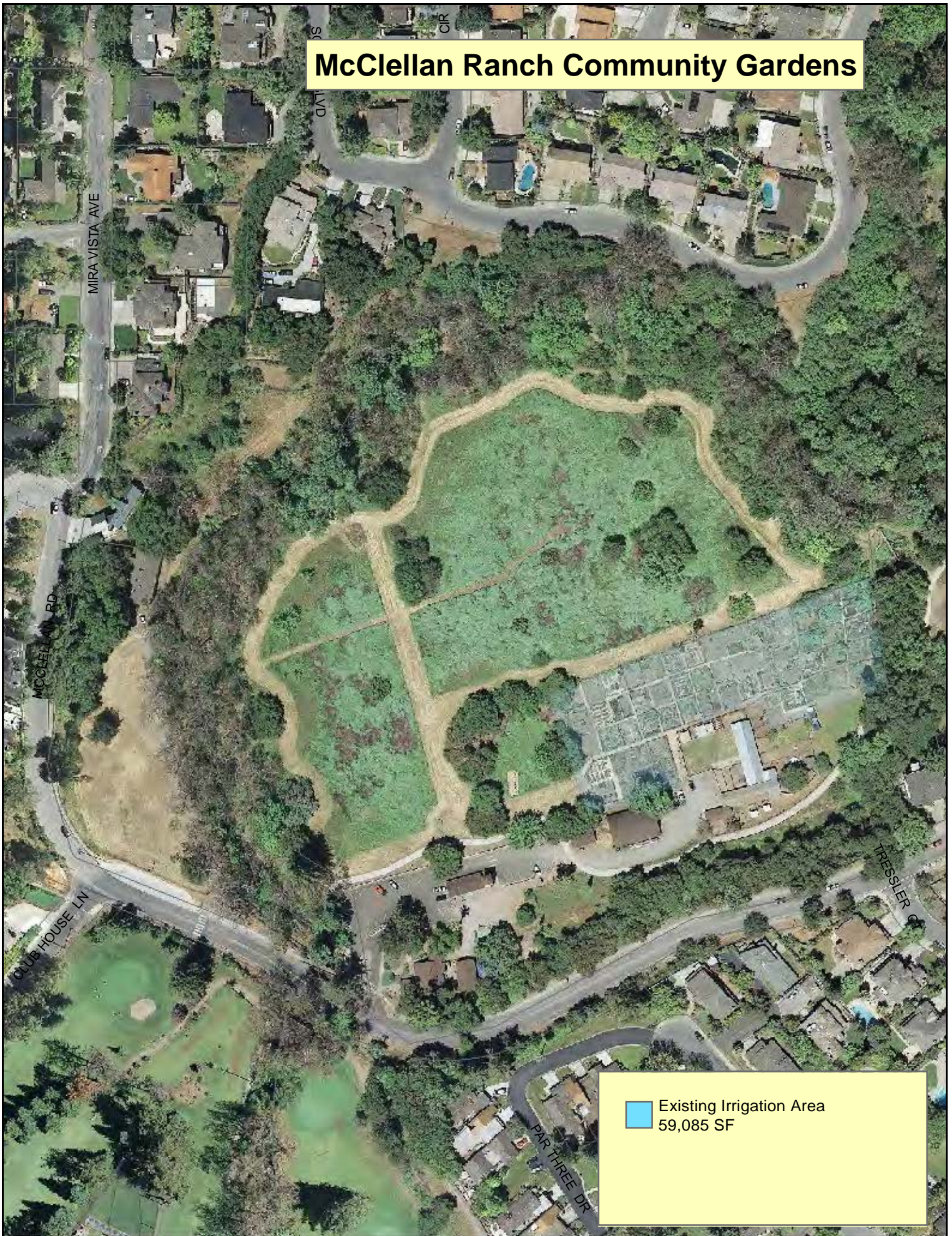
BAXLEY CT

LINDA VISTA DR

Existing Irrigation Area
100,648 SF

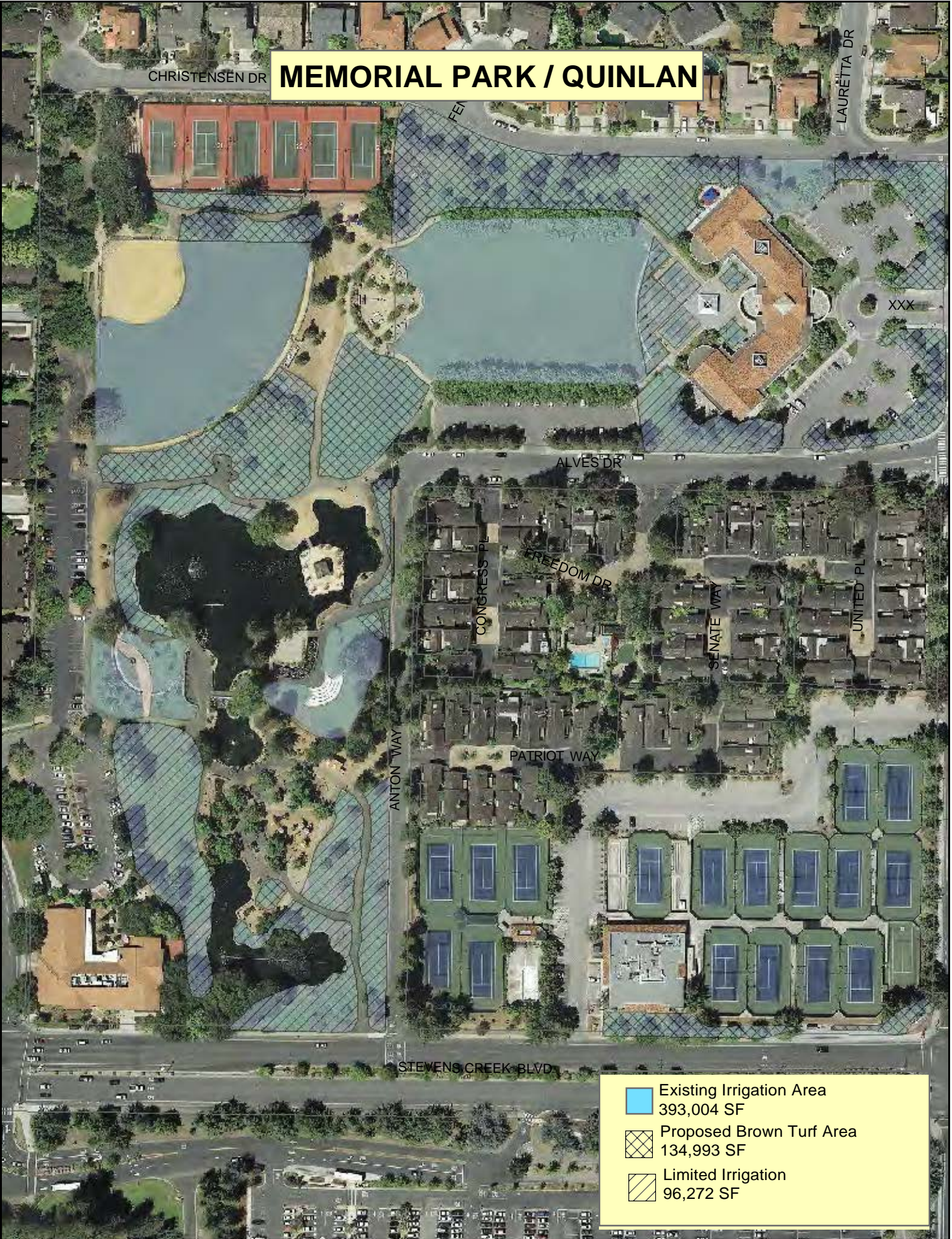
Proposed Brown Turf Area
33,609 SF

McClellan Ranch Community Gardens



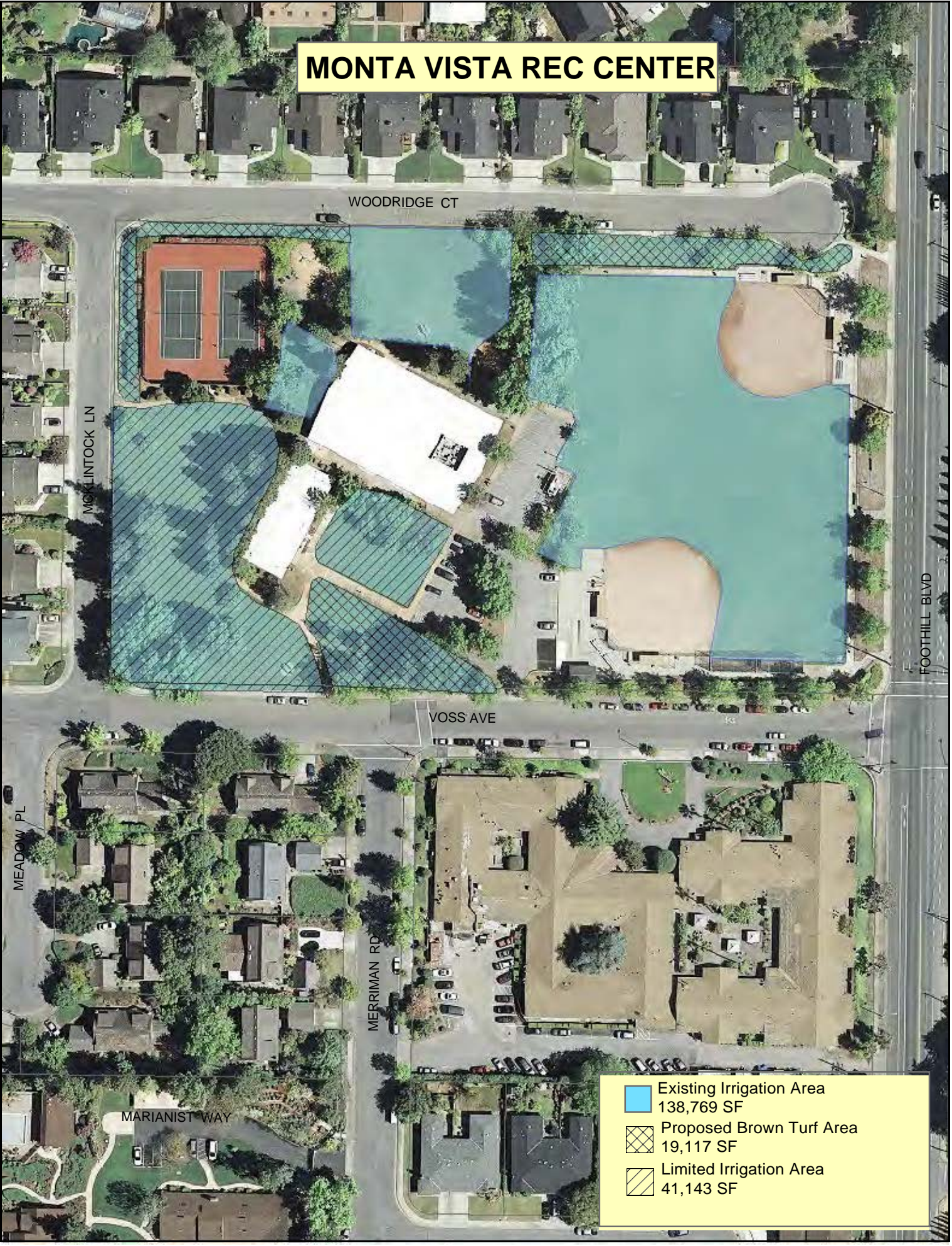
Existing Irrigation Area
59,085 SF

MEMORIAL PARK / QUINLAN



- Existing Irrigation Area
393,004 SF
- Proposed Brown Turf Area
134,993 SF
- Limited Irrigation
96,272 SF

MONTA VISTA REC CENTER



- Existing Irrigation Area
138,769 SF
- Proposed Brown Turf Area
19,117 SF
- Limited Irrigation Area
41,143 SF

OAK VALLEY PARK

OAK VALLEY RD

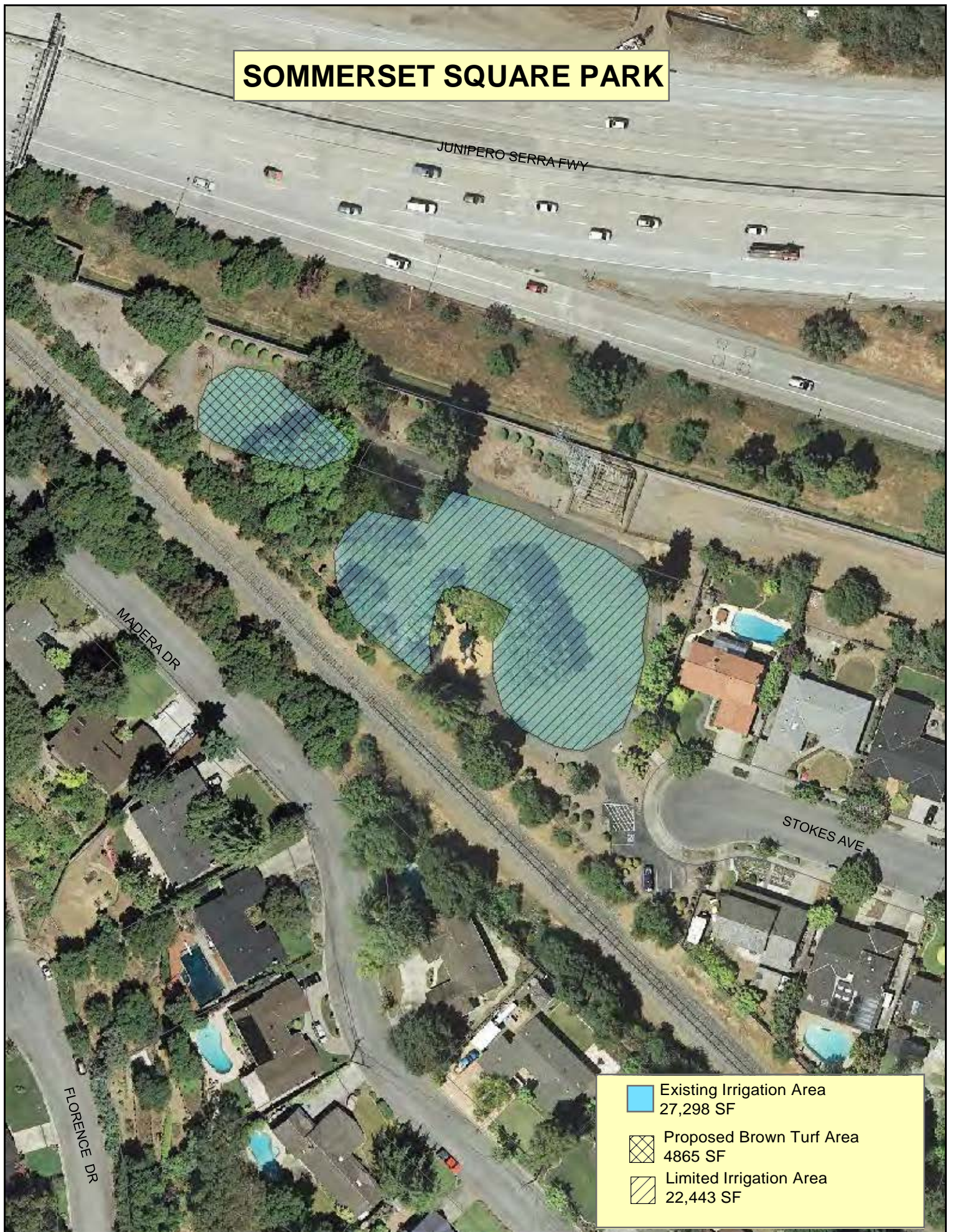
- Existing Irrigation Area
3919 SF
- Proposed Brown Turf Area
1,701 SF
- Limited Irrigation Area
2,218 SF

REGNART ELEMENTARY SCHOOL

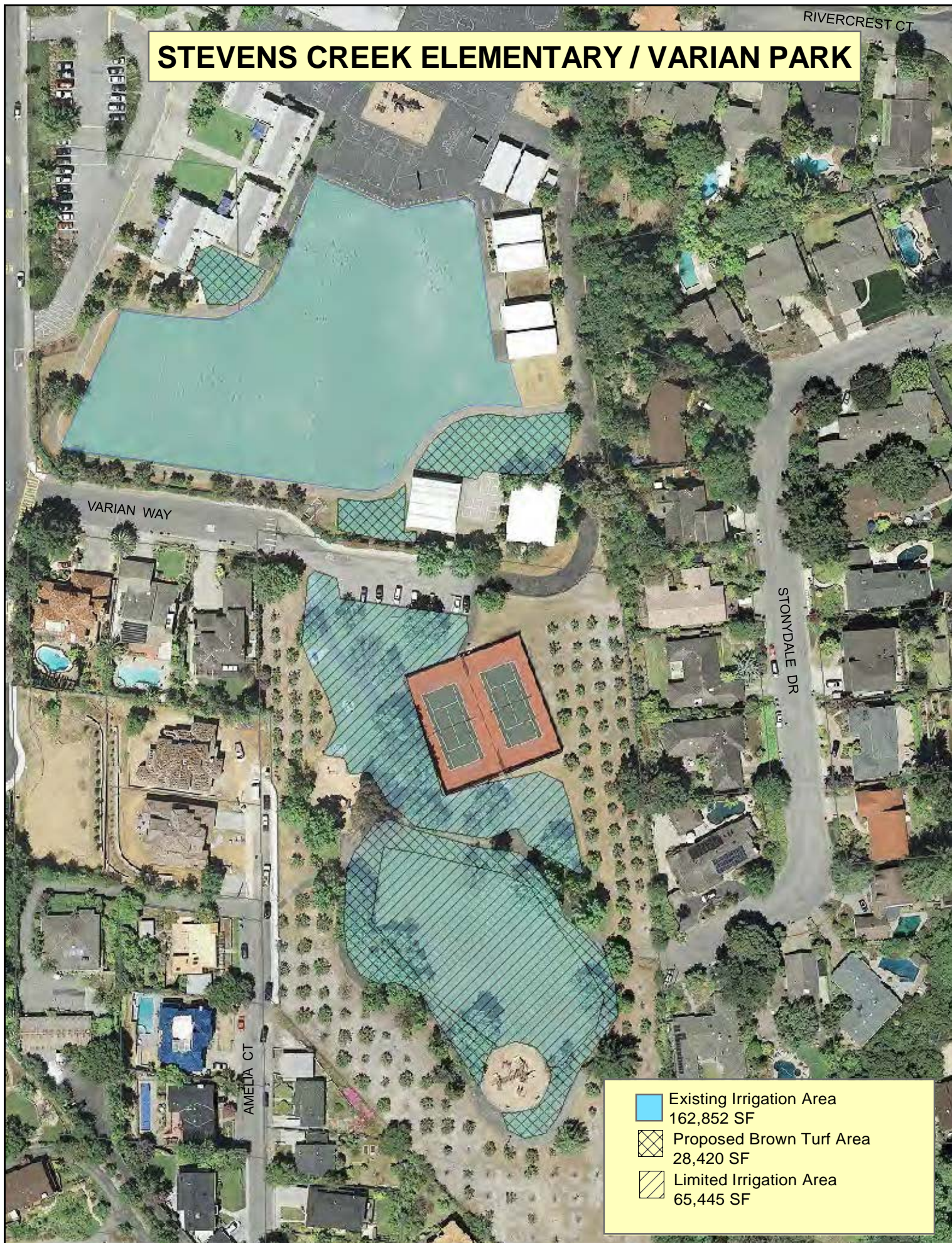
YORKSHIRE DR

- Existing Irrigation Area
137,577 SF
- Proposed Brown Turf Area
12,679 SF

SOMMERSET SQUARE PARK



STEVENS CREEK ELEMENTARY / VARIAN PARK



STERLING BARNHART PARK



BARNHART AVE

STERLING BLVD

Existing Irrigation Area
2286 SF

Limited Irrigation Area
2286 SF

THREE OAKS PARK

MOLTZEN DR

CANDLELIGHT WAY

RUPPELL PL

SHADOWHILL LN

RAINBOW DR

- Existing Irrigation Area
138,210 SF
- Proposed Brown Turf Area
54,707 SF
- Limited Irrigation Area
83,503 SF

WILSON PARK



Existing Irrigation Area
303,096 SF

Proposed Brown Turf Area
68,715 SF