



Cape Cod Village Redwood Removal Arborist Report

Prepared for:

Brandenburg, Staedler, & Moore

1122 Willow Street Suite 200

San Jose CA 9512

Prepared by:

Kim Zetterlund

ISA Certified Arborist

ISA Tree Risk Assessment Qualified

WE-11717A

6/10/2020

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Cape Cod Village Mobilehome Community is located at 1050 Borregas Avenue, Sunnyvale. In the backyard of unit 41 is a large redwood (*Sequoia sempervirens*) that has become a concern to the homeowner and community management. The tree has overgrown its location and has begun to cause damage to the gas and water lines that run directly under the tree due to its extensive root system.

The tree is 20.0” diameter at breast height and approximately 70’ tall. The tree is growing up against the back fence and the trunk is approximately 12’ feet from the corner of the home. As the tree continues to grow the property has incurred repair costs for damage to the sewer and water lines beneath the tree. Unfortunately, there are no mitigation options that would prevent continued damage caused by the root system. The lines are directly under the tree and therefore the only option is to remove the tree. It is my recommendation that the

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tree be removed and replaced with four 24” box crape myrtles
(*Lagerstroemia spp.*).

X *Kim Zetterlund*

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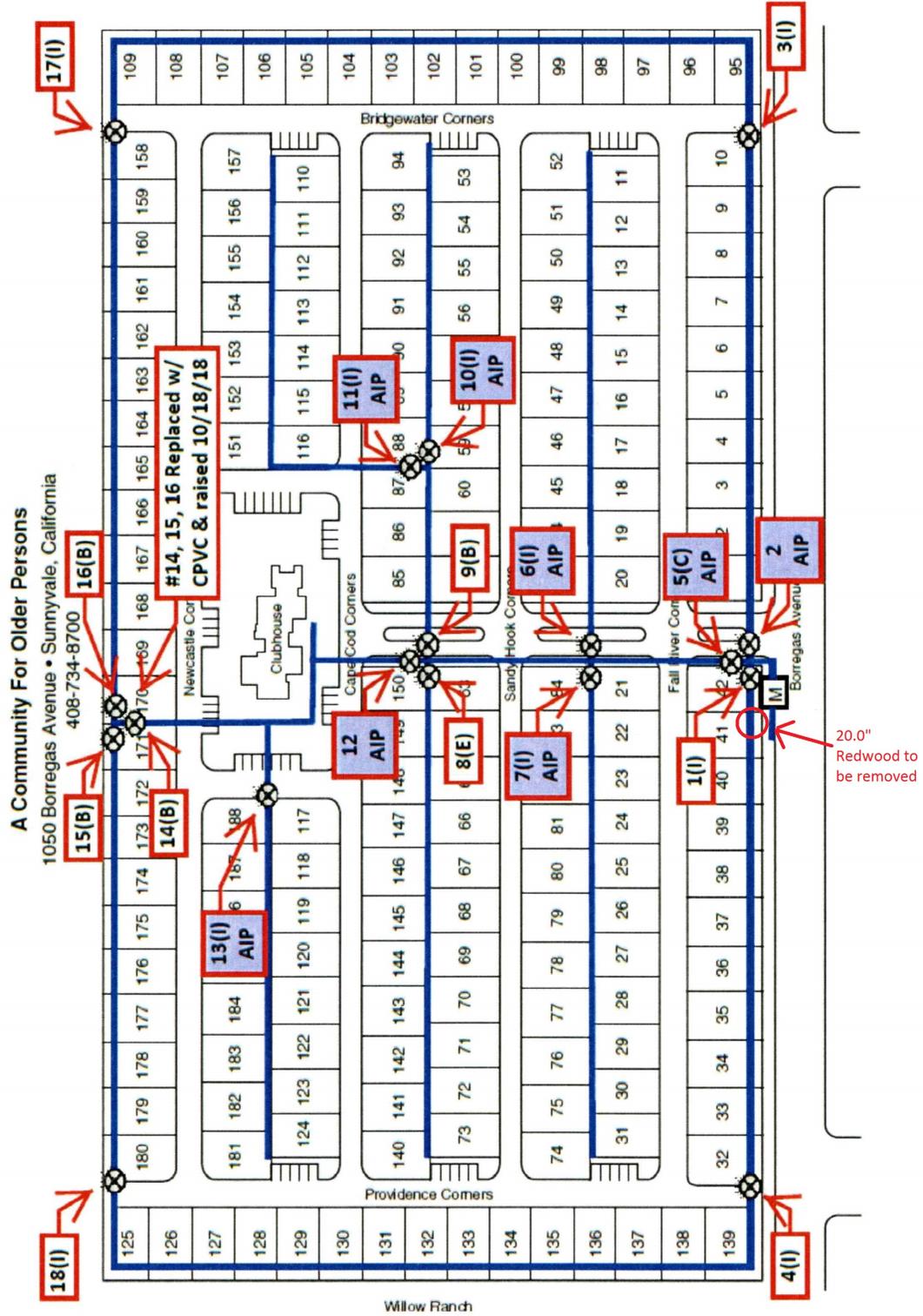
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GAS MAP



CAPE COD GAS MAP

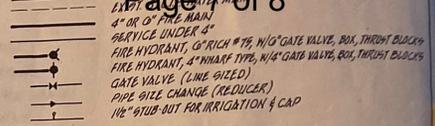
AIP - Abandoned in Place
7(E) - 7 is Valve Number
7(E) - (E) is Wrench Designation



GENERAL NOTES

- All risers to be 3/4 copper pipe.
- Pipe sizes 4" and smaller, other than service risers, shall be PVC.
- Pipe sizes larger than 4" shall be ACP with the exception of fire hydrant laterals which shall be cast iron after gate valve.
- Transition from PVC to metal piping shall be done with the use of milled male thread adapters or other approved transition.
- PVC pipe shall be John-Manville PVC Ring-Rite pipe 160 psi (SDR 26) or approved equal. Fittings shall be PVC Type I Schedule 40 in size 1-1/2" and smaller and Schedule 80 in size 2" and larger.
- Location of valves is approximate. Valves shall not be placed under coaches or paved areas.
- Fire hydrants to be either 6" Rich model 75 with one 4-1/2" and one 2-1/2" hose outlet and 6" riser or 4" wharf type with two 2-1/2" hose outlets and 4" riser, as shown on plan.
- Design of system based on pressure of 80 psi on development side of meter.
- Contractor to provide valve boxes with covers and mark valve locations.
- All water lines shall be installed with a minimum of 3 inches of rock-free earth or sand bedding and covering and shall have a minimum of 18 inches of cover on PVC and a minimum of 30 inches of cover on ACP. Hand shade all pipe before backfill.
- All trench backfill in street areas shall be sand, jetted and wheel rolled. All trench backfill other than in street areas shall be with native material, jetted and wheel rolled.
- Contractor shall verify location of irrigation stubs with landscape designer. Landscape contractor shall install gate valve and vacuum breaker at each stub.
- For details see Sheet 11.

LEGEND

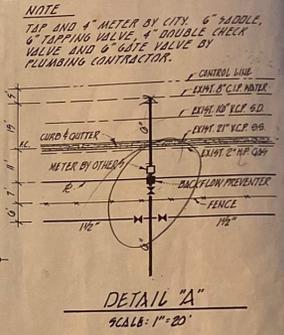
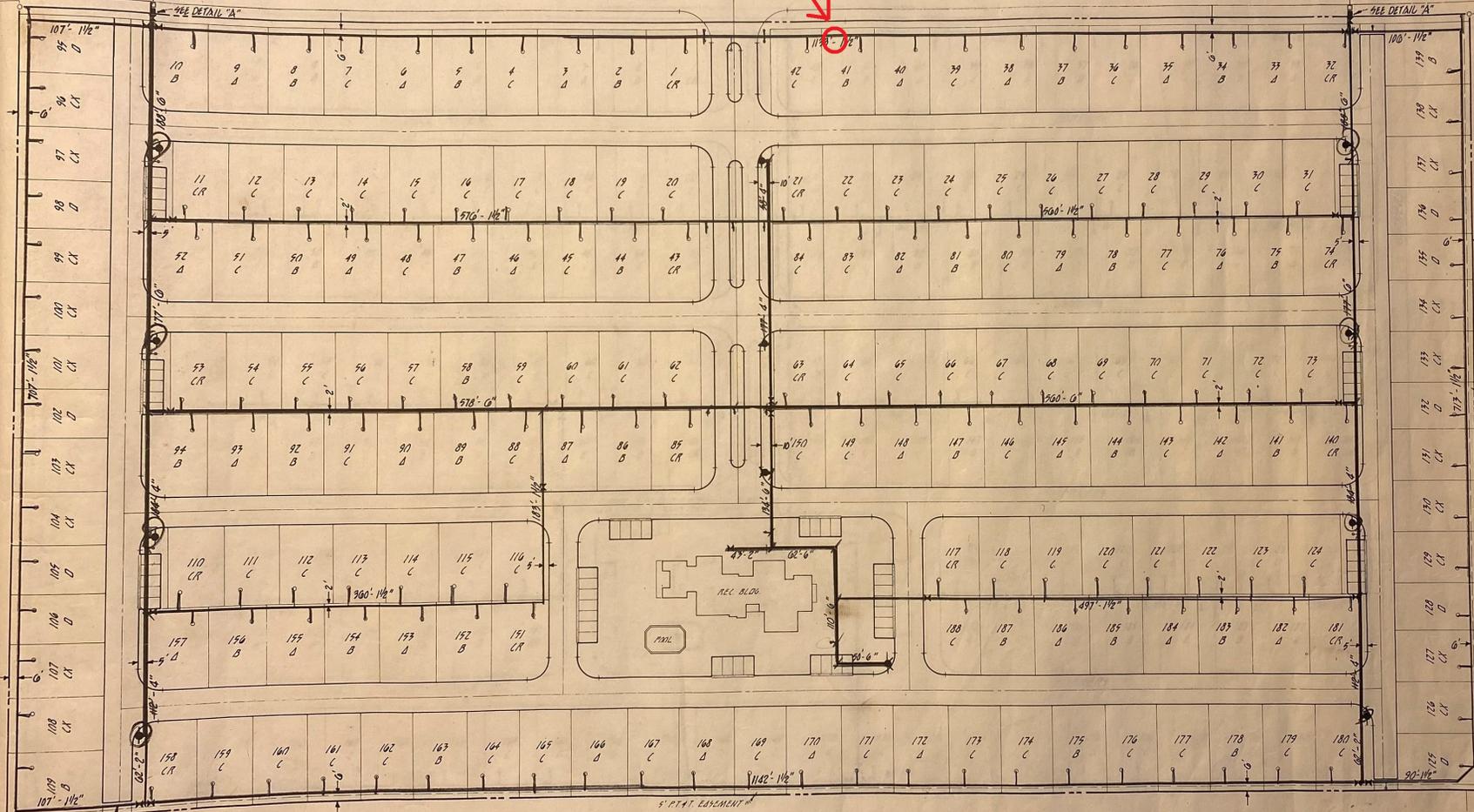


SCALE: 1" = 20'

BORREGO ST

20.0" Redwood to be removed.

AVENUE



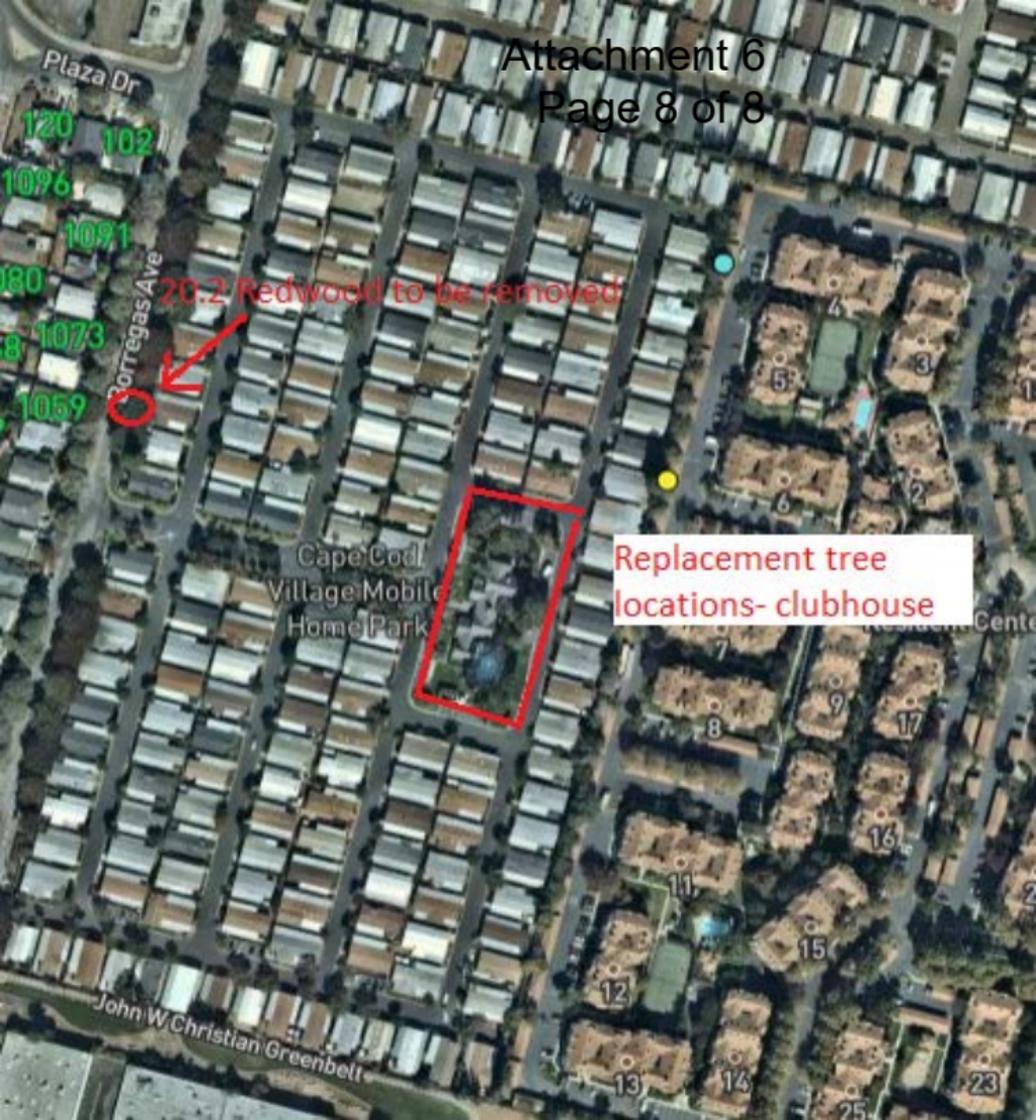
PRELIMINARY

NO.	DATE	REVISIONS	BY	DESIGNED	DATE
1				J.S.B.	
2					
3					
4					

VAUGHN SHAHINIAN ASSOCIATES
 CIVIL ENGINEERS • PLANNERS • SURVEYORS
 1287 NO. LAWRENCE STATION RD., SUNNYVALE, CA 94089 734-8800

CAPE COD VILLAGES
 MOBILEHOME COMMUNITY
 SUNNYVALE, CALIFORNIA

WATER PLAN
 SHEET 7



20.2 Redwood to be removed

Replacement tree locations- clubhouse

Cape Cod Village Mobile Home Park

John W Christian Greenbelt