Terence Welch
Backyard Orchards/Orchardscapes
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Arborist Report

All of the trees to be removed are Apricots, Prunus armeniaca. The variety is Blenheim, which was the traditional variety planted in the Santa Clara valley for drying and canning.

The next page, entitled "Tree Removal Permit Documentation" shows a thumbnail photo of each tree. All are orchard trees. Six large trees (10-14 inches circumference) died probably due to a combination of pre-existing fungal infections, and stress due to insufficient irrigation during the 2023 growing season. Others were planted 4-5 years ago, but died of a disease called Pseudomonis syringae. This disease is very virulent, and kills trees outright when the right weather conditions occur during winter (generally frost and rain). Common names include Blossom Blast, and Bacterial Canker. There is no effective control, organically or conventionally.

All of the trees to be removed are dead, or have died and the rootstock has grown up.

Submitted by: Terence Welch (see contact info above)

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Replacement Plan

All removed trees will be replaced with a bare root apricot tree within the next 1-3 years. These trees will be planted in winter, when dormant.

Since the orchard is being managed organically, we cannot use chemicals to sterilize the soil of old apricot tree diseases. The following measures, and perhaps others, will be used to reduce harmful organisms before re-planting:

1. Fallow the soil
2. Leave a hole open to air and sun
3. Cover crop with non woody plants
4. Treat with mustard meal
5. Apply compost

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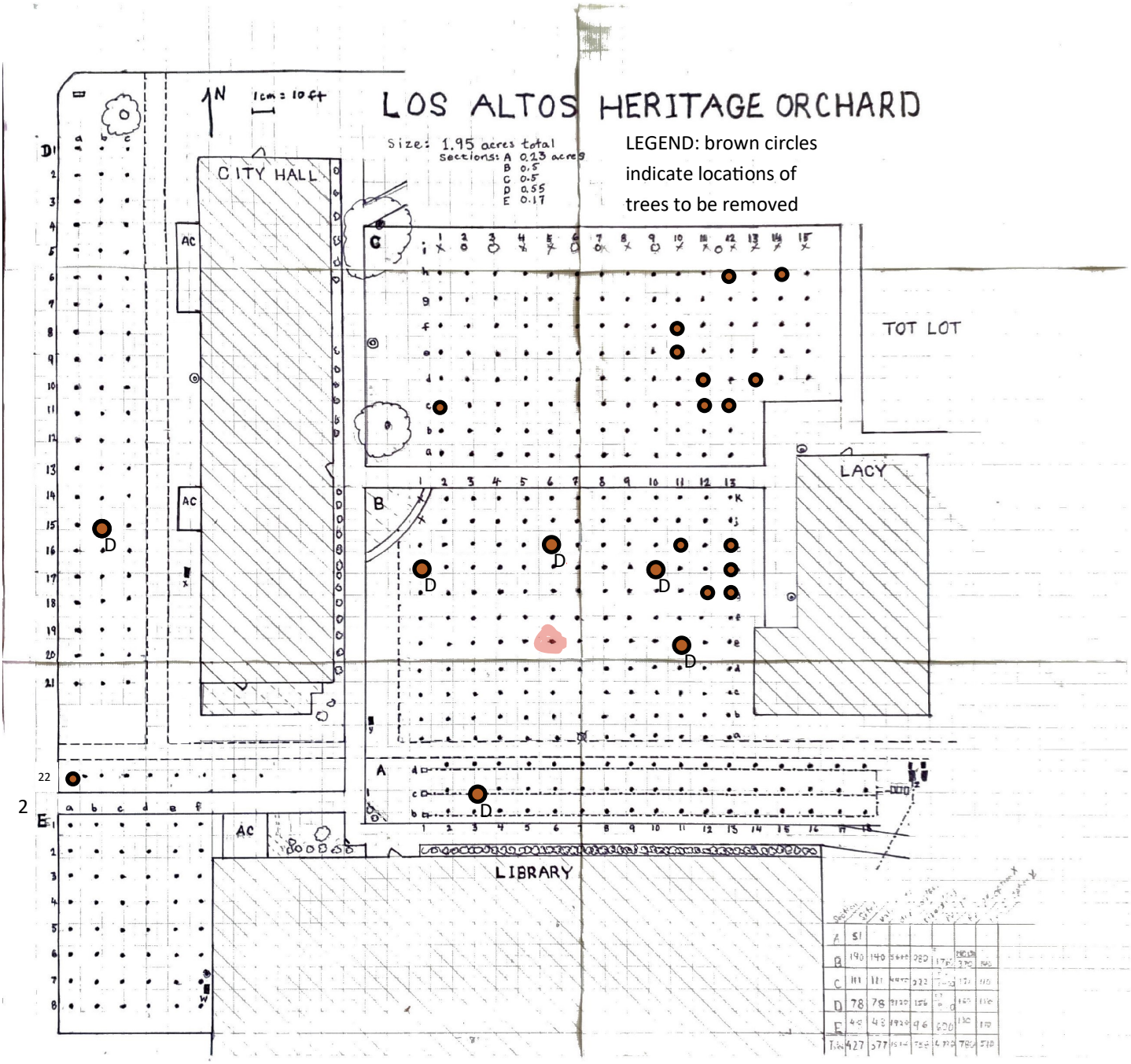
LOS ALTOS HERITAGE ORCHARD
N
1cm = 10ft
Size: 1.95 acres total
Sections: A 0.23 acres
B 0.5
C 0.5
D 0.55
E 0.17
LEGEND: brown circles indicate locations of trees to be removed
CITY HALL
AC
AC
AC
TOT LOT
LACY
LIBRARY
D
D
D
D
D
D

Tree Removal Permit Documentation November 15, 2024

Species: Apricot, Blenheim variety (*Prunus armeniaca*)

Location: Los Altos Heritage Orchard, 1 N San Antonio Rd. Los Altos, CA 94022

Tree site location codes: Section, row, numbered site in row (e.g. Be11 is in Section B, row e, site 11)

LOCATION	PHOTO	CIRCUMFERENCE	COMMENTS
Ac03		24 inches	Dead; no irrigation during 2023; indicators of fungal infection (brown and curled yellowish leaves, gummosis, wilted twigs, dead branches); did not revive with drip irrigation during 2024. Data from ePlant tag flat lined
Be06		22 inches	Dying; no irrigation during 2023; indicators of fungal infection (brown and curled yellowish leaves, gummosis, wilted twigs, dead branches); did not revive with drip irrigation during 2024.
Be11		19 inches	Dead; no irrigation during 2023; indicators of fungal infection (brown leaves, gummosis, wilted twigs, dead limbs); did not revive with drip irrigation during 2024.
Bi11		7 inches	Dead; planted March 2020; symptoms consistent with Pseudomonas bacterial infection of buds during unusually stormy winter of 2022/23; not irrigated during 2023; did not revive with drip irrigation during 2024
Bg13		5 inches	Dead; planted March 2020; symptoms consistent with Pseudomonas bacterial infection of buds during unusually stormy winter of 2022/23; not irrigated during 2023; did not revive with drip irrigation during 2024
Bg12		6 inches	Apricot branches dead; suckers from root stock live; planted March 2020; symptoms consistent with Pseudomonas bacterial infection of buds during unusually stormy winter of 2022/23; not irrigated during 2023; did not revive with drip irrigation during 2024
Bh01		22 inches	Dead; no irrigation during 2023; indicators of fungal infection (brown leaves, gummosis, wilted twigs, dead limbs); did not revive with drip irrigation during 2024.

Bh10		14 inches	Dead; no irrigation during 2023; indicators of fungal infection (brown leaves, gummosis, wilted twigs, dead limbs); did not revive with drip irrigation during 2024.
Bh13		7 inches	Dead; planted March 2020; symptoms consistent with Pseudomonas bacterial infection of buds during unusually stormy winter of 2022/23; not irrigated during 2023; did not revive with drip irrigation during 2024
Bi06		22 inches	Dead; no irrigation during 2023; indicators of fungal infection (brown leaves, gummosis, wilted twigs, dead limbs); did not revive with drip irrigation during 2024.
Bi13		6 inches	Dead; planted March 2020; symptoms consistent with Pseudomonas bacterial infection of buds during unusually stormy winter of 2022/23; not irrigated during 2023; did not revive with drip irrigation during 2024
Cc01		5 inches	Dead; planted February 2024; newly emergent leaves denuded by ground squirrels
Cc11		5 inches	Dead; planted March 2020; symptoms consistent with Pseudomonas bacterial infection of buds during unusually stormy winter of 2022/23; not irrigated during 2023; did not revive with drip irrigation during 2024
Cc12		7 inches	Dead; planted March 2020; symptoms consistent with Pseudomonas bacterial infection of buds during unusually stormy winter of 2022/23; not irrigated during 2023; did not revive with drip irrigation during 2024
Cd11		7 inches	Dead; planted March 2020; symptoms consistent with Pseudomonas bacterial infection of buds during unusually stormy winter of 2022/23; not irrigated during 2023; did not revive with drip irrigation during 2024
Cd13		7 inches	Dead; planted March 2020; symptoms consistent with Pseudomonas bacterial infection of buds during unusually stormy winter of 2022/23; not irrigated during 2023; did not revive with drip irrigation during 2024

Ce10		6 inches	Dead; planted March 2020; symptoms consistent with Pseudomonas bacterial infection of buds during unusually stormy winter of 2022/23; not irrigated during 2023; did not revive with drip irrigation during 2024
Cf10		5 inches	Dead; planted March 2020; symptoms consistent with Pseudomonas bacterial infection of buds during unusually stormy winter of 2022/23; not irrigated during 2023; did not revive with drip irrigation during 2024
Ch12		6 inches	Dead; planted March 2020; symptoms consistent with Pseudomonas bacterial infection of buds during unusually stormy winter of 2022/23; not irrigated during 2023; did not revive with drip irrigation during 2024
Ch14		6 inches	Dead; planted March 2020; symptoms consistent with Pseudomonas bacterial infection of buds during unusually stormy winter of 2022/23; not irrigated during 2023; did not revive with drip irrigation during 2024
Da22		7 inches	Dead; planted March 2020; symptoms consistent with Pseudomonas bacterial infection of buds during unusually stormy winter of 2022/23; not irrigated during 2023; did not revive with drip irrigation during 2024
Db15		11 inches	Dead; no irrigation during 2023; indicators of fungal infection (curled yellowish and brown leaves, gummosis, wilted twigs); did not revive with drip irrigation during 2024.